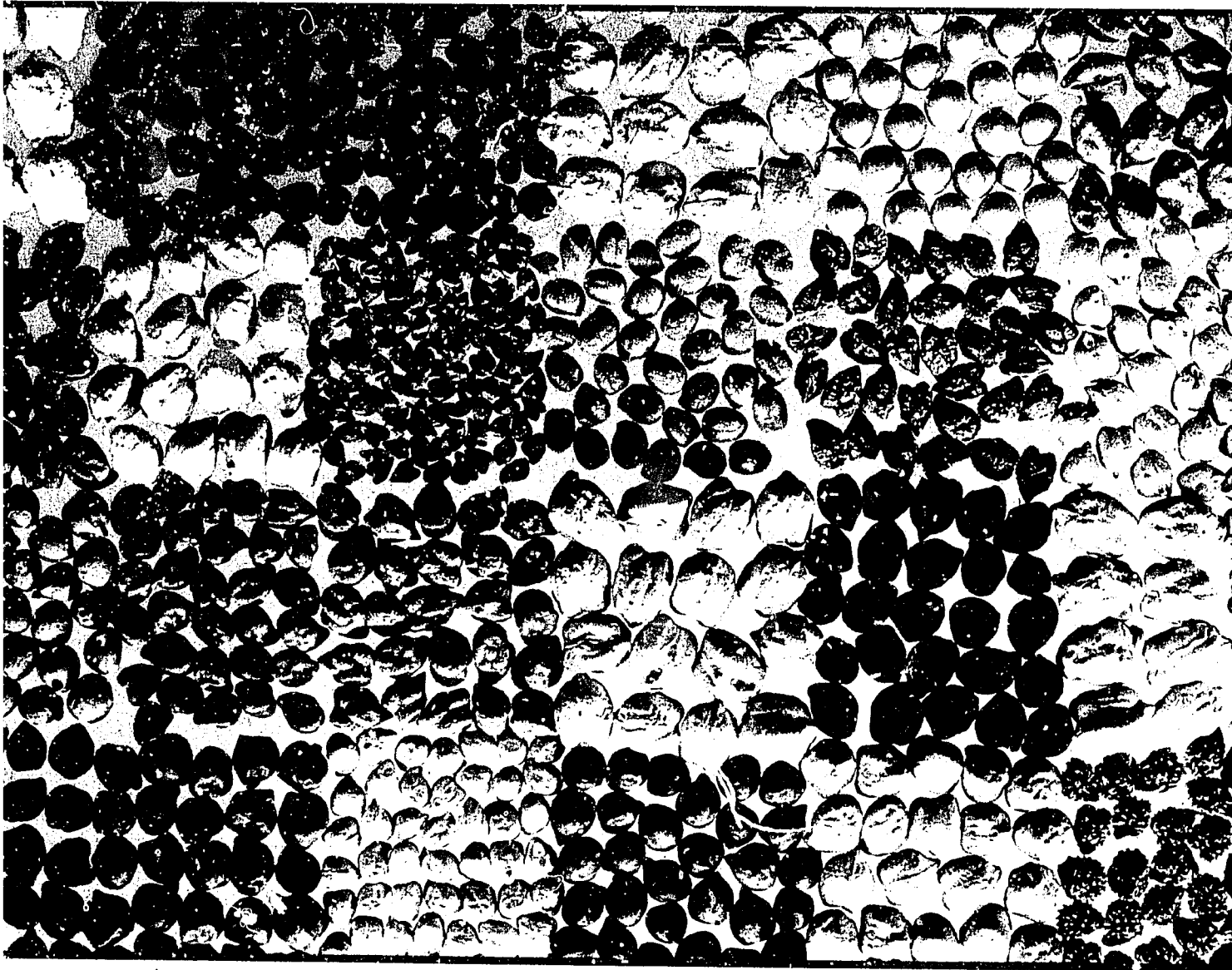


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# A Catalog of Kabuli Chickpea Germplasm

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International Center for Agricultural Research in the Dry Areas



International Crops Research Institute for the Semi-Arid Tropics

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Established in 1977, the International Center for Agricultural Research in the Dry Areas (ICARDA) is governed by an independent Board of Trustees. Based at Aleppo, Syria, it is one of 16 centers supported by the Consultative Group on International Agricultural Research (CGIAR), which is an international group of representatives of donor agencies, eminent agricultural scientists, and institutional administrators from developed and developing countries who guide and support its work.

The CGIAR seeks to enhance and sustain food production and, at the same time, improve socioeconomic conditions of people, through strengthening national research systems in developing countries.

ICARDA focuses its research efforts on areas with a dry summer and where precipitation in winter ranges from 200 to 600 mm. The Center has a world responsibility for the improvement of barley, lentil, and faba bean, and a regional responsibility--in West Asia and North Africa-- for the improvement of wheat, chickpea, and pasture and forage crops and the associated farming systems.

Much of ICARDA's research is carried out on a 948-hectare farm at its headquarters at Tel Hadya, about 35 km southwest of Aleppo. ICARDA also manages other sites where it tests material under a variety of agroecological conditions in Syria and Lebanon. However, the full scope of ICARDA's activities can be appreciated only when account is taken of the cooperative research carried out with many countries in West Asia and North Africa.

The results of research are transferred through ICARDA's cooperation with national and regional research institutions, with universities and ministries of agriculture, and through the technical assistance and training that the Center provides. A range of training programs are offered extending from residential courses for groups to advanced research opportunities for individuals. These efforts are supported by seminars, publications, and by specialized information services.

#### **Cover**

The variation of seed size and color in chickpea.

**A CATALOG OF KABULI CHICKPEA GERMLASM**  
(An Evaluation Report of Winter-sown Kabuli  
Chickpea Land Races, Breeding Lines and Wild Cicer Species)

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## Foreword


The world mandate for the improvement of chickpea rests with the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), India, while the International Center for Agricultural Research in the Dry Areas (ICARDA), Syria, has the regional mandate in West Asia and North Africa. Research on the desi type chickpea is carried out by ICRISAT, and on the kabuli type by both centers jointly from ICARDA's base in Syria.

ICARDA and ICRISAT first published a Kabuli Chickpea Germplasm Catalog in 1983 with the major emphasis on morpho-agronomic and phenological characters. In the present Catalog, emphasis has been placed on the evaluation of biotic and abiotic stresses, in the belief that a breakthrough in chickpea production could only be made by the use of resistant cultivars. The earlier Catalog included evaluation data on land races only, whereas this Catalog contains information on breeding lines and wild species of *Cicer* as well. Since chickpea is traditionally grown in spring in the Mediterranean region, the former Catalog contained information on morphological, phenological and seed characters evaluated during spring. However, in view of the recent successes with winter sowing in increasing chickpea production, evaluation of the germplasm reported in this Catalog was carried out with winter-sown accessions.

It has been a long-standing policy of the International Agricultural Research Centers to freely distribute germplasm and breeding lines. To date, thousands of lines have been distributed to scientists working in the National Agricultural Research Systems (NARS). We are indeed gratified that NARS scientists have made good use of this material; have identified sources of resistance to different biotic and abiotic stresses; and released a large number of superior cultivars in many countries derived from germplasm provided by the Centers.

Both ICRISAT and ICARDA contributed equally to this Catalog, which is a good example of partnership in research between the International Agricultural Research Centers within the Consultative Group on International Agricultural Research. In placing it in the hands of chickpea scientists, the two centers hope that it will motivate greater efforts towards increasing chickpea production.

  
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The authors wish to thank Dr. M.C. Saxena, Leader, Legumes Program and Dr. J. Valkoun, Head, Genetic Resources Unit, ICARDA for their support, without which it would have been impossible to publish this catalog.

We are grateful to the staff of chickpea breeding, especially to Messrs. S. Hajjar and M.K. Issa and of genetic resources unit, especially to Mr. A. Ismail, for their technical support in the assembly of information on a large number of morpho-agronomic characters. Our special thanks go to Mr. A. Ismail who was responsible for growing germplasm accessions in the field.

The authors are grateful for evaluation of accessions for Ascochyta blight to Dr. M.V. Reddy, former Chickpea Pathologist; for Fusarium wilt to Dr. R. Jimenez-Diaz, Professor of Plant Pathology, Universidad de Cordoba, Spain; for leaf miner and Callosobruchus chinensis to Drs. S. Weigand, O. Tahhan and C. Cardona, present and former Food Legume entomologists; for cyst nematode to Drs. N. Greco and M. Di Vito, Istituto di Nematologia Agraria C.N.R., Bari, Italy; for cold tolerance to Dr. R.S. Malhotra, Food Legumes Trial Scientist; for protein content to Dr. P.C. Williams, Canadian Grain Commission, Grain Research Laboratory, 1404-303 Main street Winnipeg, Canada; and for Computing facilities to Head Computer Services.

We profusely thank Dr. S. Jana, Professor, Department of Crop Science and Ecology, University of Saskatchewan, Saskatoon, Canada for making numerous suggestions for improving of the catalog.

We owe a great deal to donors, collectors and donor and collecting organizations listed on pages 5 to 12 without the active support of which it would not have been possible to assemble such a diverse germplasm collection.

Dr. S. Varma, Head, Communication, Documentation and Information Services, deserves our special thanks for his guidance in preparation and printing this catalog.

## INTRODUCTION

Though chickpea has been cultivated for over 7000 years, it has still not completely shed its wild form. The crop suffers heavy losses from biotic stresses (diseases, insect-pests, nematodes, and parasitic weeds like Orobanche spp.). In addition, the plant often fails to take full advantage of supplemental irrigation and fertilizer application. Consequently, seed yield remains historically low and unstable.

There have been only marginal increases in chickpea production in the world in the last four decades. In the same period the world population especially in developing countries grew two-and-a-half folds, resulting in the reduction of the per capita availability of chickpea.

There have been various reasons for this decline in the developing world, field operations such as seeding and harvesting are often manual. Although mechanical seeders are available, they are not popular in many countries in West Asia and North Africa. In advanced countries, particularly Europe, labor requirements for cultural practices have led to the reduction of the area under chickpea cultivation. Likewise, in developing countries, the relatively affluent farmers without family labors to handle the operations have abandoned chickpea cultivation.

It is necessary to have a comprehensive collection of chickpea germplasm to identify sources of resistance to various stresses. Several sources of resistance to some biotic and abiotic stresses have been identified. However, the sources of resistance to a few important stresses are either not available (for example, cyst nematode) or available in a weak background (for example, leaf miner).

Furthermore, sources of resistance are available only for single stresses. Therefore, a well-planned germplasm enhancement is necessary to combine resistance to two or more stresses in an efficient manner. A detailed evaluation of kabuli chickpea germplasm was considered to be

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an essential prerequisite toward this goal. The results of such an evaluation carried out at ICARDA in 1987-88 are reported in this catalog.

A large number of germplasm accessions have been collected, but there are obvious gaps in collection efforts. At the same time, the available germplasm is not fully utilized in crop improvements, primarily because of the non-availability of evaluation data.

Both ICARDA and ICRISAT have assembled a large number of chickpea accessions. Based on the evaluation of spring-sown accessions, ICARDA produced a Kabuli Chickpea Germplasm Catalog in 1983. ICRISAT also produced a chickpea catalog in 1988. The present catalog is based on the evaluation of about 6300 chickpea accessions sown in winter. Unlike the 1983 Catalog, this catalog contains information on evaluation of germplasm response to eight different stresses, i.e. Ascochyta blight (Ascochyta rabiei [Pass.] Lab.), Fusarium wilt (Fusarium oxysporum Schlecht. emnd. Snyd. & Hans. f. sp. ciceri [Padwick] Snyd. & Hans.), leaf miner (Liriomyza cicerina Rond.), Callosobruchus chinensis, cyst nematode (Heterodera ciceri Vovlas, Greco et Di Vito), cold, herbicide, and iron deficiency.

Additionally, it includes evaluation data on land races, breeding lines, and wild Cicer species. Such data have never been collected before on any cool season food legumes. In this regard, the catalog is unique, and hopefully will prove to be an indispensable tool for chickpea scientists.

We found substantial diversity in the germplasm bank. Now the germplasm lines must be utilized in order to bring about chickpea improvement. It is the hope of the authors that chickpea scientists will exploit the available variability to develop cultivars which will further enhance chickpea productivity.

### Searching the data base:

The evaluation data have been summarized for each character. Both



a summary of the statistics, and often the results of a simple query, such as all accessions in class 1 for long flowering duration, are given. For example, the above query resulted in 13 accessions qualifying.

However, it is possible to make more complex queries involving different characters simultaneously. In order to obtain answers from such complex questions with a reasonable number of accessions, the means, as well as the minima and the maxima of the descriptors have been provided.

An example of a set of queries is given below:

Question 1.

All accessions with a plant height in class 1.

Eight accessions qualify.

Question 2.

All accessions with both plant height and resistance to Ascochyta blight in class 1.

One accession qualifies.

Question 3.

All accessions with a plant height, resistance to Ascochyta blight and seed yield in class 1.

No accession qualifies.

**Availability of seed**

Small samples of seed are available free of charge from the Genetic Resources Unit of ICARDA

Passport Information

**Descriptors Used**

ILC number (ILC) - International Legume Chickpea accession number.

Donor organization (DOOR) - The name of the organization from which the collection was obtained.

Donor number (DONO) - The name or number of the accession as supplied by the donor or donor organization.

Collector/Breeding Organization (CLOR) - The name of the organization which originally collected or developed the

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accession through breeding.

Name of collector (COLL) - The name/names of person/persons who collected or bred the accession.

Collection number or pedigree (CLNO) - The number or pedigree identification code used by the donor.

Country of origin (ORI) - The country of collection or breeding.

Province (PRO) - Province/state in a country.

Location/city (LOC) - The place from where the collection was made or the variety was bred.

Remarks (REM) - Any specific comment.

## DONOR ORGANIZATIONS

Abbreviation	Organization
AGRICOL	Agricultural College, University of Tehran, Karaj, Iran.
ALAD	Arid land Agricultural Development, Beirut, Lebanon.
ARARI	Aegean Regional Agricultural Research Institute, Menemen, Izmir, Turkey.
ARCG	Agriculture Research Center, Giza, Egypt.
CC	Centro de Cerealicultura, Madrid, Spain.
DAS	Department of Agriculture and soils, Pullman, Washington, U.S.A.
HUNRCA	Hungarian Research Center for Agriculture, Hungary.
IARI	Indian Agricultural Research Institute, New Delhi, India.
ICARDA	International Center for Agricultural Research in the Dry Areas, Aleppo, Syria.
ICRISAT	International Crops Research Institute for Semi-Arid Tropics, Patancheru, A.P., India.
IFC	Institute for Fodder Crops, Larissa, Greece.
INIACOR	Instituto Nacional de Investigaciones Agrarias, Cordoba, Spain.
INIAM	Banco de germoplasma, INIA, Finca El-Encin, Madrid, Spain.
INRA-M	L'Institut National de la Recherche Agronomique, Rabat, Morocco.
INRA-T	L'Institut National de la Recherche Agronomique de Tunisia, Tunis, Tunisia.
IPI	N.I. Vavilov All Union Institute of Plant Industry, Leningrad, USSR.
IWS	Institute for Wheat and Sunflower, Bulgaria.
UCCS	Union de cooperatives Agricoles Agreement n <sup>0</sup> UA 373-selectionneur n <sup>0</sup> 11, 204, Puygiron, France.
UJOR	University of Jordan, Faculty of Agriculture, Amman, Jordan.
WRPIS	Western Region Plant Introduction Station, USDA, Pullman, Washington, U.S.A.

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**Table 1.** List of donor organizations of the chickpea germplasm at ICARDA.

Donor organization	Number of accessions	Frequency (%)
ICRISAT	1733	33.57
ALAD	943	18.26
INIAM	272	5.27
WRPIS	220	4.26
AGRICOL	177	3.43
UJOR	83	1.61
ARARI	69	1.34
DAS	63	1.22
AROG	55	1.07
IPI	42	0.80
INIACOR	40	0.77
INRA - T	18	0.35
IWS	10	0.19
INRA - M	8	0.15
COGC	7	0.14
INIAM	7	0.14
UCCS	5	0.10
IFC	5	0.10
HUNRCA	3	0.06
CC	1	0.02
IARI	1	0.02
ICA	1	0.02
Others	1400	27.1
Total	5163	99.99

## COLLECTING ORGANIZATIONS

Abbreviation	Organization
AGRICOL	Agricultural College, University of Tehran, Karaj, Iran.
ALAD	Arid Lands Agricultural Development Program, Ford Foundation, Beirut, Lebanon.
APAU	Andhra Pradesh Agricultural University, Rajendernagar, A.P. India.
ARARI	Aegean Regional Agricultural Research Institute, Izmir, Turkey.
AROG	Agricultural Research Centre, Giza, Egypt.
ARIE	Agricultural Research Institute, Eskishehir, Turkey.
ARIN	Agricultural Research Institute, Ministry of Agriculture, Nicosia, Cyprus.
ARS	Agricultural Research Station, Niphad, Maharashtra, India.
AT	Ain Tumouchant, Oran, Algeria.
AUW	Agricultural University, Wageningen, The Netherlands.
BADN	Agricultural Research Station, Badnapur, Maharashtra, India.
CELA	Centro de Investigaciones Agricolas dele Bajo, Celeya, Guanajuato, Mexico.
CULN	Ecoregado Programa de Garbanzo, Culiacan, Sinaloa, Mexico.
DUSL	Dusseltia, Tunisia.
EMM	Estacas de Melhoramento de Mantas, Elvas, Portugal.
FAAU	FAAU, Turkey.
FAO	Food and Agriculture Organization of the United Nations, Rome, Italy.
GAC	Government Agricultural College, Kanpur, U.P., India.
GAT	Zentral Institute fur Genetik und Kultur Pflanzenforschung Gatersleben, DDR.
IARI	Indian Agricultural Research Institute, New Delhi, India.
IBPGR	International Board for Plant Genetic Resources, Rome, Italy.

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ICA	Instituto Colombiano Agropecuario, Colombia.
ICARDA	International Center for Agricultural Research in the Dry Areas, Aleppo, Syria.
ICRISAT	International Crops Research Institute for the Semi-Arid Tropics, Patancheru, A.P., India.
IIA	Instituto de Investigaciones Agronomicas, Santiago, Chile.
INIA	Instituto Nacional de Investigaciones Agronomicas, La Caneleja, Spain.
IPI	N.I. Vavilov All Union Institute of Plant Industry, Leningrad, USSR.
IWS	Institute for Wheat and Sunflower, Bulgaria.
JNKVV	Jawahar Lal Nehru Krishi Vishwa Vidyalaya, Jabalpur, Madhya Pradesh, India.
MAI	Ministry of Agriculture, Tehran, Iran.
MOHL	Agricultural Research Station, Mohol, Maharashtra, India.
PARC	Pakistan Agricultural Research Council, Islamabad, Pakistan.
PAU	Punjab Agricultural University, Ludhiana, Punjab, India.
RAI	Plant Breeders, Raichur, Karnataka, India.
RPIP	USDA Regional Pulse Improvement Project.
RPIP(D)	USDA Regional Pulse Improvement Project, Delhi, India.
RPIP(K)	USDA Regional Pulse Improvement Project, Karaj, Iran.
SVP	Foundation for Agricultural Plant Breeding, Wageningen, The Netherlands.
UCCS	Union de Cooperatives Agricoles Agreement n <sup>o</sup> UA 373-Selectionneur n <sup>o</sup> 11, 204, Puygiron, France.
UJOR	University of Jordan, Faculty of Agriculture, Amman, Jordan.
USDA	United States Department of Agriculture, Washington D.C., U.S.A.
WAGG	Wagga Wagga Research Station, Wagga Wagga, Australia.
WRPIS	Western Region Plant Introduction Station, USDA, Pullman, Washington, U.S.A.

**Table 2.** List of collecting organizations.

Collecting Organization	Number of accessions	Frequency(%)
ICARDA/ICRISAT	1167	18.43
ALAD	949	14.99
RPIP (K)	617	9.74
MAI	279	4.41
ICARDA/PARC	189	2.98
ARARI	175	2.75
AGRICOL	174	2.74
RPIP (D)	140	2.21
INIA	115	1.81
ARARI/USDA/ICARDA	109	1.72
ICARDA	79	1.24
PAU	68	1.07
ICRISAT	54	0.85
FAAU	53	0.83
RPIP	39	0.62
IARI	34	0.53
CELA	32	0.50
ARIN/IBPGR/ICARDA	28	0.44
IIA	21	0.33
GAC	19	0.30
JNKVV	15	0.23
ARS	14	0.22
IWS	10	0.15
WAGG	10	0.15
WRPIS	10	0.15
BADN	9	0.14
GAT	6	0.09
RAI	6	0.09
UCCS	6	0.09
FAO	5	0.07
UJOR	5	0.07
EMM	3	0.04
GAC	3	0.04
ARIE	2	0.03
AUW	2	0.03
CULN	2	0.03
IPI	2	0.03
APAU	1	0.01
ARCG	1	0.01
ARIN	1	0.01
AT	1	0.01
DUSL	1	0.01
ICA	1	0.01
MOHL	1	0.01
SVP	1	0.01
Unknown	1871	29.55
<b>Total</b>	<b>6330</b>	<b>99.77</b>

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## COLLECTORS

Table 3. Frequency table of accessions by collectors.

Abbreviation	Name (organization)	Number of acc. collected	Frequency (%)
ALAD	ALAD Team (Solh, Rashid, Hawtin)	819	12.93
KBS/MVR	K.B. Singh/M.V. Reddy (ICARDA/ICRISAT)	772	12.19
KBS	K.B. Singh (ICARDA/ICRISAT)	422	6.66
IPT	ICARDA-PARC Team	189	2.98
LH	L. Holly (ICARDA)	111	1.75
MBS	M.B. Solh (ALAD)	92	1.45
LJGM	L.J.G. van der Maesen (ICRISAT)	79	1.24
KBS/MCS	K.B. Singh/M.C. Saxena (ICARDA/ICRISAT)	29	0.45
RSM/AD	R.S. Malhotra/A. Della (ARIN)	28	0.44
CC	CAFATI	19	0.30
RPSP	R.P.S. Pundir (ICRISAT)	19	0.30
BRM	B.R. Murthy (IARI)	10	0.15
MIM	M.I. Mihov (IWS)	10	0.15
PR	P. Remanandar (ICRISAT)	10	0.15
DJA	D.J. Andrews (WRPIS)	9	0.14
MCS	M.C. Saxena (ICARDA)	8	0.12
AKA	A.K. Auckland (ICRISAT)	7	0.11
IT	ICARDA Trainees (ICARDA)	6	0.09
JOG	J.C. Grenyer	6	0.09
RSM	R.S. Malhotra (ICARDA)	6	0.09
NH	N. Haddad (WOR)	5	0.07
GCH	G.C. Hawtin (ALAD)	4	0.06
ANM	A.N. Murthy (ICRISAT)	3	0.04
CJPS	C.J.P. Seegher	3	0.04
KR	K. Rashid (ALAD)	2	0.03
SS	S. Sithanantham (ICRISAT)	2	0.03
YA	Y. Adham (ALAD)	2	0.03
AHC	A.H. Christodoulou (ARIN)	1	0.01
LJR	L.J. Reddy (ICRISAT)	1	0.01
MAC	M.A. Castillo (ICA)	1	0.01
MVR	M.V. Reddy (ICARDA)	1	0.01
SAD	P.K. Sibale, S. Agap Rao, I.R. Denton	1	0.01
Unknown		3653	57.70
<b>Total</b>		<b>6330</b>	<b>99.83</b>



**COUNTRIES OF ORIGIN**

<u>Abbreviation</u>	<u>Name</u>
AFG	Afghanistan
BGR	Bulgaria
CHL	Chile
COL	Colombia
CZK	Czechoslovakia
CYP	Cyprus
DAZ	Algeria
ECU	Ecuador
EGY	Egypt
ESP	Spain
ETH	Ethiopia
FRA	France
GRC	Greece
IND	India
IRN	Iran
IRQ	Iraq
ITA	Italy
JOR	Jordan
LBN	Lebanon
MAR	Morocco
MEX	Mexico
MWI	Malawi
NPL	Nepal
PAK	Pakistan
PAL	Palestine
PER	Peru
PRT	Portugal
ROM	Roumania
SDN	Sudan
SUN	USSR
SYR	Syria
TUN	Tunisia
TUR	Turkey
USA	United States of America
YUG	Yugoslavia

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**Table 4.** Frequency accessions from each country of origin.

Code	Country		No. of accessions	Relative frequency (%)
		Name		
AFG		Afghanistan	874	13.80
DAZ		Algeria	22	0.34
BGR		Bulgaria	21	0.33
CHL		Chile	337	5.32
COL		Colombia	2	0.03
CYP		Cyprus	36	0.56
CZK		Czechoslovakia	6	0.09
ECU		Ecuador	1	0.01
EGY		Egypt	51	0.80
EIH		Ethiopia	29	0.45
FRA		France	13	0.20
GRC		Greece	13	0.20
IND		India	255	4.02
IRN		Iran	1233	19.47
IRQ		Iraq	30	0.47
ITA		Italy	23	0.36
JOR		Jordan	129	2.03
LBN		Lebanon	26	0.41
MWI		Malawi	1	0.01
MEX		Mexico	89	1.40
MAR		Morocco	93	1.46
NPL		Nepal	2	0.03
PAK		Pakistan	252	3.98
PAL		Palestine	33	0.52
PER		Peru	4	0.06
PRT		Portugal	63	0.99
ROM		Roumania	1	0.01
ESP		Spain	255	4.02
SDN		Sudan	7	0.11
SYR		Syria	1281	20.23
TUN		Tunisia	264	4.17
TUR		Turkey	520	8.21
USA		U.S.A.	97	1.53
SUN		U.S.S.R.	97	1.53
YUG		Yugoslavia	4	0.06
Unknown			166	2.62
<b>Total</b>			<b>6330</b>	<b>99.83</b>

## EVALUATION

### Introduction

Six thousand four hundred sixty-seven accessions including 5163 land races, 1167 breeding lines, and 137 wild Cicer species were characterized and evaluated for 24 characters. These characters were divided in two groups, (a) morpho-agronomic and (b) biotic and abiotic stresses. Observations of morpho-agronomic traits were made partly in the field and partly in the laboratory for land races and breeding lines during 1987-1988 and for wild Cicer species during 1988-89. The evaluations for stress response characters were carried out under artificially created stress conditions between 1979 and 1989. These conditions will be described later for individual characters in the following few paragraphs. The details of evaluation for morpho-agronomic characters are described below.

**Location details.** The land races and breeding lines were sown in November-December at Tel Hadya, Syria, the main research station of ICARDA, during 1987-88. The wild Cicer accessions were grown during winter at Tel Hadya in the following season, i.e. in 1988-89. Tel Hadya is located in northern Syria, near Aleppo, at  $36^{\circ} 35' E$ ,  $36^{\circ} 51' N$  and 284 m A.S.L., with an average annual rainfall of 330 mm. However, the rainfall during the 1987-88 season was 504 mm, 53% above the normal rainfall and during the 1988-89 season the rainfall was 234 mm, 29% below. Two supplemental irrigations of 50 mm each were provided in the 1988-89 season to facilitate normal growth. Climatic data for the two years are given in Table 5. Tel Hadya has a typical Mediterranean type climate characterized by cool and wet winters and hot and dry summers.

**Layout of experiment.** In 1987-88, 6330 accessions, consisting of 5163 land races and 1167 breeding lines, were grown in 46 blocks, each 2 m wide and 130 m long. Each pair of blocks was separated by a 2 m alley to facilitate mechanical inter-row cultivation. Each accession was sown in a two-row plot of 2 m long with spacing of 45 cm between and 5 to 7 cm within rows. Forty seeds of each accession was sown in each plot. 'Ghab 1' (ILC 482) and 'Ghab 2' (ILC 3279), two recently

**Table 5.** Monthly rainfalls, mean maximum and minimum temperatures ( $^{\circ}\text{C}$ ) at Tel Hadya in 1987-88 and 1988-89.

	Months												Total/ Mean
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
<b>Rainfall</b>													
-1987/88	1.4	71.0	45.7	74.4	84.7	97.4	92.6	29.4	2.6	4.4	0.0	0.6	504
-1988/89	0.0	41.2	60.8	83.9	10.0	5.8	17.6	0.0	14.9	0.0	0.0	0.0	234.2
<b>Max. temp.</b>													
-1987/88	35.8	27.7	17.8	13.3	12.7	15.9	14.0	22.4	29.8	33.8	38.1	37.4	24.9
-1988/89	34.8	25.3	15.6	12.3	11.9	15.2	20.1	30.8	31.8	33.8	38.0	36.7	25.5
<b>Min. temp.</b>													
-1987/88	16.8	11.4	5.1	5.3	2.1	4.0	5.1	8.0	12.4	17.3	21.4	21.8	10.9
-1988/89	17.4	12.2	4.6	2.6	-2.3	-1.4	6.1	9.8	12.8	17.4	21.9	21.6	10.2

released kabuli chickpea cultivars in Syria, were grown as systematic check entries. One of the two check entries was sown in a two-row plot alternately after every 20 accessions. Hand sowing was done between 27 November and 4 December. An above average rainfall of 71 mm during October provided adequate soil moisture for seed germination and early growth. Most of the entries germinated between two and three weeks.

One hundred and thirty-seven accessions of eight annual Cicer species (C. bijugum, C. chorassanicum, C. cuneatum, C. echinospermum, C. judaicum, C. pinnatifidum, C. reticulatum, and C. yamashitae ) were sown in single rows of 2 m long and 45 cm apart on December 1, 1988. 'Ghab 1' was sown as a check entry after every 10 test entries. The accessions of wild Cicer germinated between 20 and 40 days.

The plots were fertilized with 50 kg P<sub>2</sub>O<sub>5</sub> ha<sup>-1</sup>. Hand weeding was done three times. The crop was protected from Ascochyta blight by periodic spraying of the fungicide chlorothalonil (tetrachloroisopenthalonitrite) at the rate of 0.8 kg a.i. per hectare. Because of low rainfall, in 1988-89 the wild Cicer evaluation nursery was irrigated twice, each time with 50 mm of water.

**Choice of characters.** Twenty-four characters were chosen for evaluation. These characters were selected on the basis of their economic importance (e.g., seed size and color), of growers requirements (e.g., resistance to stresses, plant height and growth habit), and of plant breeding considerations (e.g., seed yield and quality, suitability for winter sowing), and other characters.

#### Evaluation Procedures

Evaluation for each character was undertaken following the procedures described in Chickpea Descriptors (1985). Characters followed by (m) in Table 6 were measured while the remaining characters were scored (rated) using a scale of 1-9. The methods and procedures used to measure and score the characters are as follows:

Days to 50% flowering (DAF): Number of days from sowing to the stage when 50% of plants have started flowering.

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**Table 6.** List of 24 characters used for the characterization and evaluation of chickpea accessions during 1987-88 and 1988-89 at Tel Hadya, Syria.

Name and character	Number of character states	Desirable category
Growth habit	5	Erect
Canopy width (m)	8	Narrow
Seeds per meter square (m)	8	Many
Hundred seed weight (m)	8	Heavy
Seed shape	2	kabuli
Seed color	8	Beige
Texture of seed surface	3	Rough
Plant height (m)	8	Tall
Days to 50% flowering (m)	8	Early
Flowering duration (m)	8	Long
Days to maturity	8	Early
Biological yield (m)	8	High
Seed yield (m)	8	High
Harvest index (m)	8	High
Protein content (m)	8	High
Ascochyta blight	9	Resistant
Fusarium wilt	9	Resistant
Leaf miner	9	Resistant
Pod dehiscence	9	Resistant
<u>Callosobruchus chinensis</u>	9	Resistant
Cyst nematode	9	Resistant
Cold	9	Tolerant
Iron deficiency	9	Tolerant
Herbicide	9	Tolerant

N.B. 1 is the most desirable class, whereas 8 on a 1-8 scale and 9 on a 1-9 scale are the most undesirable class.

Flowering duration (FDU): Average number of days between the first flowers and last flowers of three randomly selected plants.

Days to maturity (DMA): Number of days from sowing to the stage when all plants have 100% matured pods.

Plant height (HGT) (cm): Mean height of the three randomly selected plants at the end of flowering from ground level to the highest point in a plant.

Canopy width (CAN) (cm): Average spread of three plants at the maximum growth stage.

Growth habit (GRH): (score) 1. Erect - (0-15 degree from vertical), 2. Semi-erect - (15-25 degree from vertical), 3. Semi-spreading (25-60 degree from vertical), 4. Spreading - (60-80 degree from vertical), 5. Prostrate - (branch flat on ground).

Biological yield (BYD) (g/plot): Weight of all plants (above ground part) in a plot (0.9m<sup>2</sup>).

Seed yield (SYD) (g/plot): Weight of seeds per plot (0.9m<sup>2</sup>).

Harvest Index (HI) (%): 
$$\frac{\text{Seed yield/plot}}{\text{Biological yield/plot}} \times 100$$

Seeds/m<sup>2</sup> (S/M): Number of seeds obtained in one meter square area.

Pod dehiscence (PD): Lines were evaluated on 1-9 scale, where 1 = no seed shatters and 9 = >40% seeds shatter following the technique and scale described by Singh and Bejiga (1990).

Hundred seed weight (HSW): Weight of 100 randomly selected seeds in g.

Protein content (PRO): % of protein determined from freshly harvested seeds on dry basis in the quality laboratory of the institute.

Seed shape (SS): 1 = kabuli, 2 = pea-shaped, 3 = desi.

Seed color (SCO): 1 = beige, 2 = yellow, 3 = white, 4 = orange, 5 = light brown, 6 = brown, 7 = dark brown, 8 = green (grey for wild sp).

Seed surface (SRO) (Testa texture): 1 = rough, 2 = smooth, 3 = tuberculated.

Resistance to Ascochyta blight (AB): Lines were scored on a scale of 1 to 9, where 1 = plants free from any damage and 9 = all plants killed following the technique and scale described by Singh *et al.* (1981).

Resistance to Fusarium wilt (FW): Lines were scored on a scale of 1 to 9, where 1 = free from any damage and 9 = all plants killed following the technique and scale described by Porta Puglia *et al.* (Unpublished).

Resistance to leaf miner (LM): Lines were scored on a scale 1 to 9,

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where 1 = free from any damage and 9 = all leaves severely mined, many dried and dropped from the plant following the technique and scale described by Weigand and Tahhan (1989).

Resistance to *Callosobruchus chinensis* (CC): Lines were scored on a scale of 1 to 9, where 1 = free from any damage and 9 = all seeds infested by insect following the technique and scale described by Weigand and Tahhan (1989).

Resistance to cyst nematode (CN): Lines were scored on a scale of 1 to 9, where 1 = free from any damage and 9 = highly susceptible following the technique and scale described by Di Vito *et al.* (1988).

Tolerance to cold (COL): Lines were scored on a scale of 1 to 9, where 1 = free from any damage and 9 = all plants killed following the technique and scale described by Singh *et al.* (1989).

Tolerance to iron deficiency (ID): Lines were scored on a scale of 1 to 9, where 1 = free from any damage and 9 = all plants killed following the technique and scale described by Bejiga and Singh (Unpublished).

Tolerance to herbicide (HER): Lines were screened against pre-emergence application of mixture of terbutryne 2.5 kg a.i. ha<sup>-1</sup> and pronamide 0.5 kg a.i. ha<sup>-1</sup> on a scale 1 to 9, where 1 = free from any damage and 9 = all plants killed following the technique and scale described by Bejiga and Singh (Unpublished).

The screening for *Ascochyta* blight resistance was carried out in *Ascochyta* blight nursery, where disease was created artificially by inoculating it by plant diseased debris and spore suspension spray. The screening for *Fusarium* wilt resistance was carried out in a wilt-sick plot established at Santella, near Cordoba in Spain. The screening for leaf miner resistance was carried out by growing the accessions during spring under natural insect infestation. Scoring was done twice; the first time during the late vegetative stage and the second time during the podding stage. The screening for *Callosobruchus chinensis* infestation was carried out in the Entomology Laboratory of ICARDA by artificially releasing the seed beetle to seed samples. Cyst nematode screening was conducted in the green house by growing accessions in plastic pots containing cyst nematode infested soils. The screening for cold tolerance was ensured at the Tel Hadya farm by advancing sowing date to early October. Assessment of iron deficiency was made in the 1987-88 germplasm evaluation nursery. The screening



for pod dehiscence was carried out in the field after leaving the plants 45 days after normal maturity. Herbicide tolerance screening was done by spraying a normal dosage of herbicides (terbutryne and pronamide) onto the chickpea crop during the autumn sowing. The screening techniques for each stress have been described fully in publications which are available upon request.

### Criteria for Selection of Elite Germplasm

For the 10 continuous measurement characters (m) in Table 6, accessions were classified into eight categories, and the respective frequencies were estimated using the mean ( $\bar{x}$ ) and standard deviation(s) from the entire evaluation data in Table 7 for cultivated chickpea and Table 8 for wild species. The categories were determined as follows:

<u>Category</u>	<u>Range of measurements</u>
Class 1:	$> \bar{X} + 3s$
Class 2:	$\bar{X} + 2s$ to $\bar{X} + 3s$
Class 3:	$\bar{X} + 2s$ to $\bar{X} + 2s$
Class 4:	$\bar{X} + s$ to $\bar{X} + s$
Class 5:	$\bar{X} - s$ to $\bar{X} - s$
Class 6:	$\bar{X} - 2s$ to $\bar{X} - 2s$
Class 7:	$\bar{X} - 2s$ to $\bar{X} - 3s$
Class 8:	$< \bar{X} - 3s$

For days to 50% flowering and maturity and canopy width, where the desirable types are less than the mean ( $\bar{x}$ ) (earliness and compact canopy), class numbers were reversed to be consistent with the ordinal classification using class 1 as the most desirable class.

After evaluation, the accessions were grouped into classes, and frequency distribution for each character was determined (Table 10-33). Similar procedures were used for wild species using the information given in Table 9. For the sake of overview, a bar chart for each character is given in Figures 1 to 24.

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**Table 7.** Mean, standard deviation, minimum and maximum for the quantitative characters of all accessions of land races and breeding lines.

Character	Mean	Standard deviation	Minimum	Maximum	No. of accessions
Days to 50% flowering (no.)	137	6.7	115.0	156.0	6221
Flowering duration (d)	29	6.1	12.0	83.0	6221
Days to maturity (no.)	182	4.3	174.0	206.0	6221
Plant height (cm)	54	7.7	25.0	85.0	6221
Canopy width (cm)	57	10.5	20.0	96.0	6221
Biological yield (g) <sup>a</sup>	517	131.4	25.0	1080.0	6221
Seed yield (g) <sup>a</sup>	245	70.3	1.0	510.0	6219
Harvest index (%)	48	7.8	1.0	78.0	6218
Seeds/m <sup>2</sup> (no.)	1000	398.5	3.0	2467.0	6221
Hundred seed weight (g)	30	11.2	8.4	70.1	6220
Protein content (%)	23	1.5	13.5	28.2	6196

(a) Yield of a plot of 0.9 m<sup>2</sup>

**Table 8.** Mean, standard deviation, minimum and maximum of wild annual Cicer species for the 10 quantitative characters.

Character	Mean	Standard deviation	Minimum	Maximum	No. of accessions
Days to 50% flowering	114	7	96	127	132
Days to maturity	115	16	127	185	132
Plant height (cm)	11	3	3	23	132
Canopy width (cm)	41	16	7	90	132
Biological yield (g)	2230	1839	91	9378	133
Seed yield (g)	983	1084	10	5551	132
Harvest index (%)	34	14	3	62	132
Seed/m <sup>2</sup>	1610	1051	111	5777	132
Hundred seed weight (g)	6	5	1	21	132
Protein content (%)	20	1.2	15.5	23.6	114

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**Table 9.** Summary of elite accessions.

Variable	Most desirable Class observed	Number of accessions		
		Landrace	Breeding line	Wild <u>Cicer</u> spp
DAF	2	2	0	4
FDU	1	12	1	*
DMA	3	0	0	30
HGT	1	7	3	1
CAW	1	2	0	0
GRH	2	1188	705	0
BYD	1	17	1	2
SYD	1	7	2	3
HI	1	4	1	0
S/M	1	10	0	2
PD	1	401	23	NE
HSW	1	26	0	0
PRO	1	9	6	1
SS	1	4136	1075	134
SCO	1	1068	216	20
SRO	1	3774	1030	107
AB	2	0	0	5
FW	1	0	0	72
LM	2	0	0	35
CC	1	0	0	19
CN	3	0	0	22
COL	1	0	0	1
IDC	1	4988	1154	NE
HER	1	20	3	NE

NE = Not evaluated

### Elite Germplasm

Elite germplasm materials are the accessions in the desirable categories. Ideally, the elite materials are those achieving a rating of 1 among the measurement characters. However there were no accessions attaining a rating of 1 (or class I) which would indicate immunity to diseases such as *Ascochyta* blight and *Fusarium* wilt, insects such as leaf miner and *Callosobruchus chinensis*, cyst nematodes, and other stresses like cold. For this evaluation, elite germplasm were considered such when a rating of 3 (class III) or less, could be obtained. The elite accessions are also listed along with the tabular and graphical presentations. Summary of elite germplasm is given in Table 9.

Some of these elite accessions combine two or more desirable characters. To facilitate the identification of accessions with the desirable characters, the elite materials are listed under the heading of Elite Germplasm. However, when the user is interested in the combination of several desirable or undesirable attributes, the entire evaluation data should be used. Furthermore, elite germplasm are listed only of land races and breeding lines.

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### Descriptors

#### 1. Days to 50% flowering

**Table 10.** Frequency table for days to 50% flower.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <i>Cicer</i> spp.
11	0	0	0
2	2	0	4
3	112	2	19
4	2747	447	27
5	1852	585	61
6	353	121	21
7	0	0	0
8	0	0	0
Accessions No.	5066	1155	132

Early flowering lines:  
ILC 5358 and ILC 5359

Relative frequency (%)

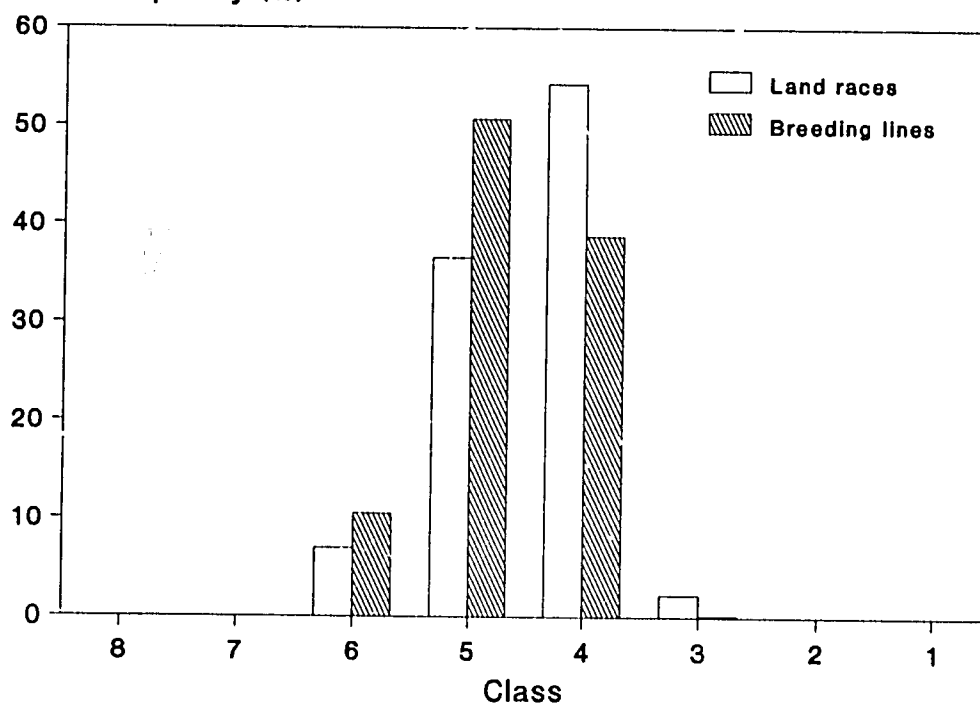


Fig. 1. Bar chart for days to 50% flowering.

2. Flowering duration

**Table 11.** Frequency table for flowering duration.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <u>Cicer</u> spp.
1	12	1	NE
2	41	1	NE
3	711	67	NE
4	1947	345	NE
5	1740	449	NE
6	611	292	NE
7	4	0	NE
8	0	0	NE
Accessions No.	5066	1155	NE

NE = Not Evaluated

Long flowering duration lines:

ILC 3398, ILC 3513, ILC 3779, ILC 4297, ILC 4347, ILC 4718, ILC 5360, ILC 5361, ILC 5362, ILC 5363, ILC 5364, ILC 5988, ILC 6014.

Relative frequency (%)

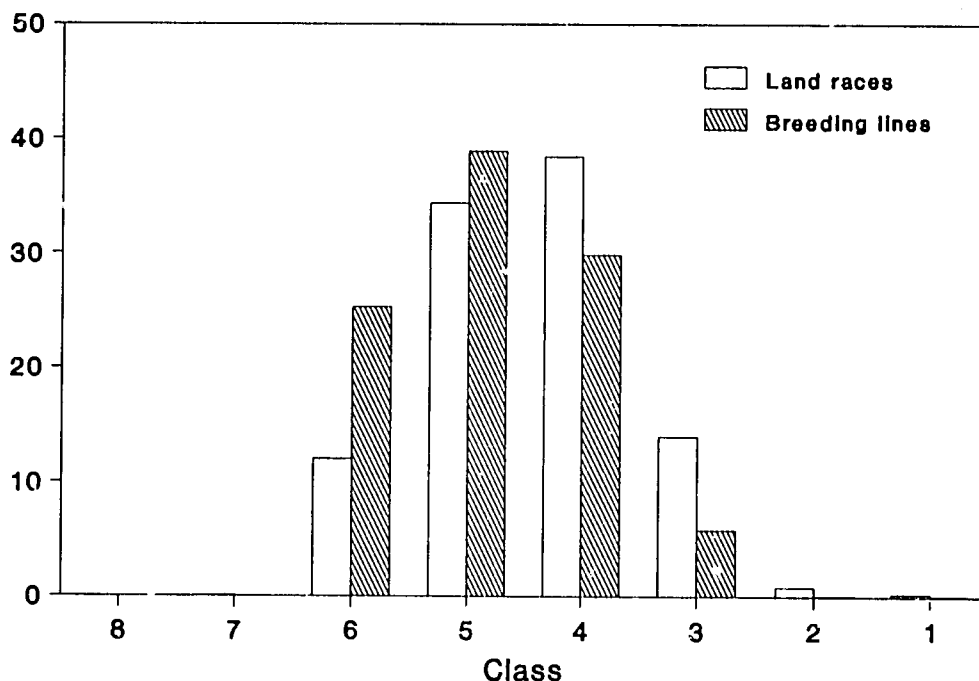


Fig. 2. Bar chart for flowering duration.

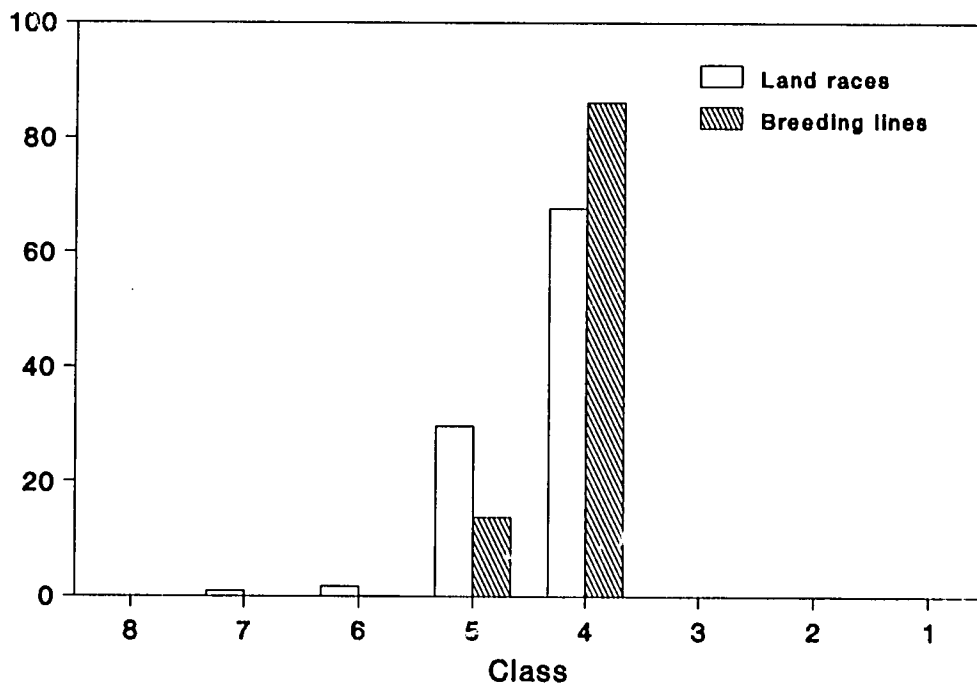
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### 3. Days to maturity

**Table 12.** Frequency table for days to maturity.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <u>Cicer</u> spp.
1	0	0	0
2	0	0	0
3	0	0	30
4	3430	995	44
5	1503	159	16
6	86	1	42
7	47	0	0
8	0	0	0
Accessions No.	5066	1155	132

Relative frequency (%)



**Fig. 3.** Bar chart for days to maturity.



4. Plant height

**Table 13.** Frequency table for plant height.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <u>Cicer</u> spp.
1	7	3	1
2	122	40	3
3	326	113	16
4	1784	528	30
5	1922	386	52
6	651	66	27
7	240	19	3
8	14	0	0
Accessions No.	5066	1155	132

Tall lines

ILC 2680, ILC 2955, ILC 3248, ILC 3668, ILC 4098, ILC 4635, ILC 4641, ILC 4965

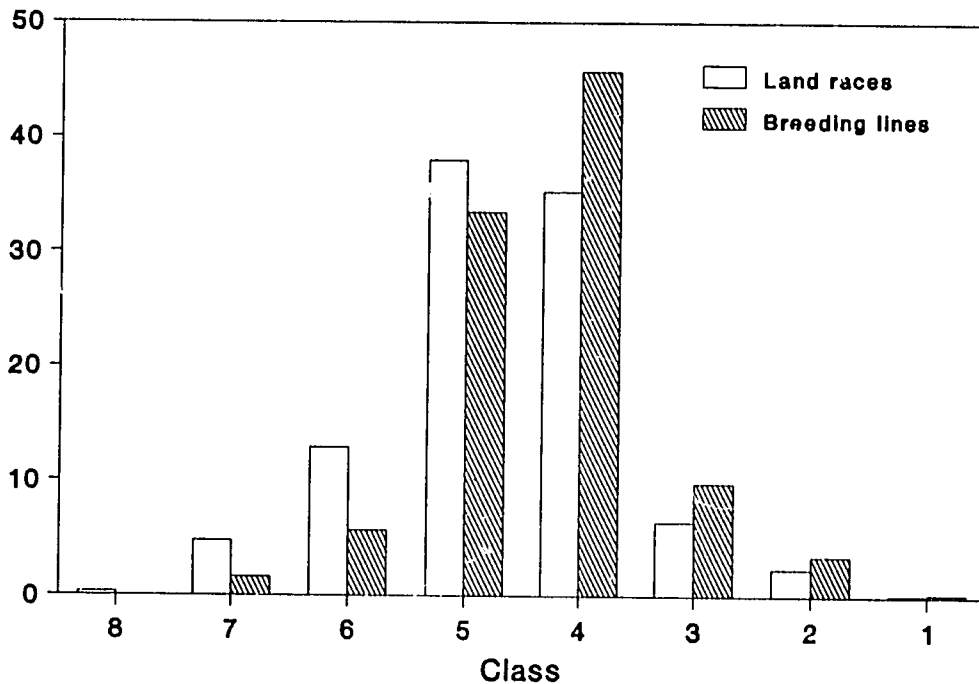
Tall and Ascochyta blight resistant line

ILC 3856

Tall and large seeded line

ILC 4437

Relative frequency (%)



**Fig. 4.** Bar chart for plant height.

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### 5. Canopy width

**Table 14.** Frequency table for canopy width.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <i>Cicer</i> spp.
1	2	0	0
2	86	46	3
3	667	283	21
4	2176	595	47
5	1663	194	42
6	431	34	15
7	24	2	4
8	17	1	0
Accessions No.	5066	1155	132

Lines with compact canopy  
ILC 2505, ILC 5755

Relative frequency (%)

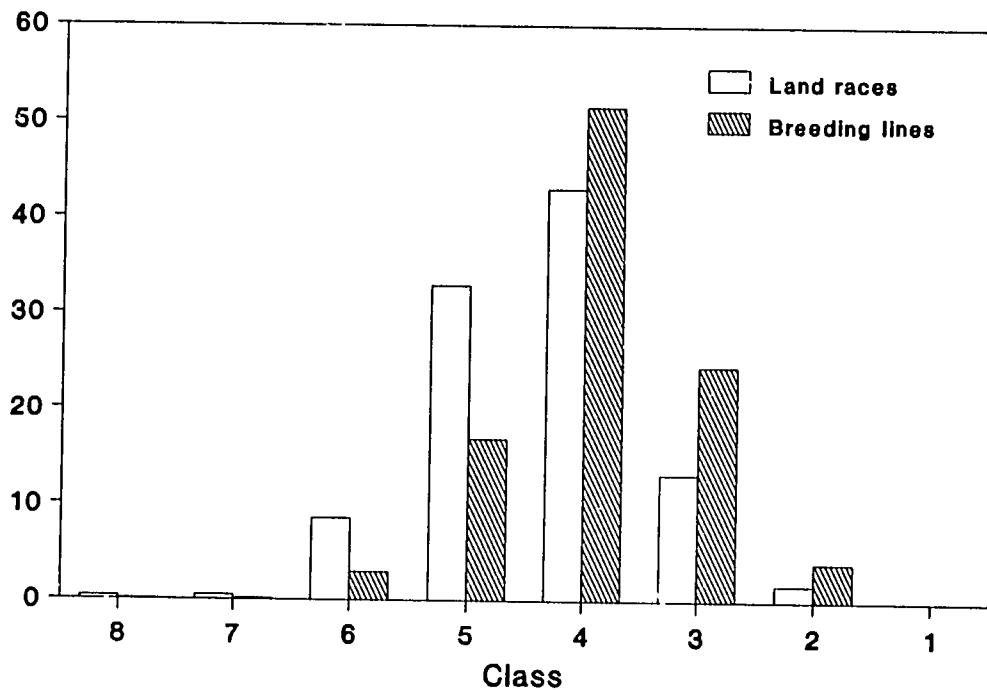


Fig. 5. Bar chart for canopy width.

6. Growth habit

Table 15. Frequency table for growth habit.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <u>Cicer</u> spp.
1	0	0	0
2	1188	705	0
3	3726	440	28
4	151	10	76
5	0	0	26
6	0	0	2
7	0	0	0
8	0	0	0
Accessions No.	5065	1155	132

Relative frequency (%)

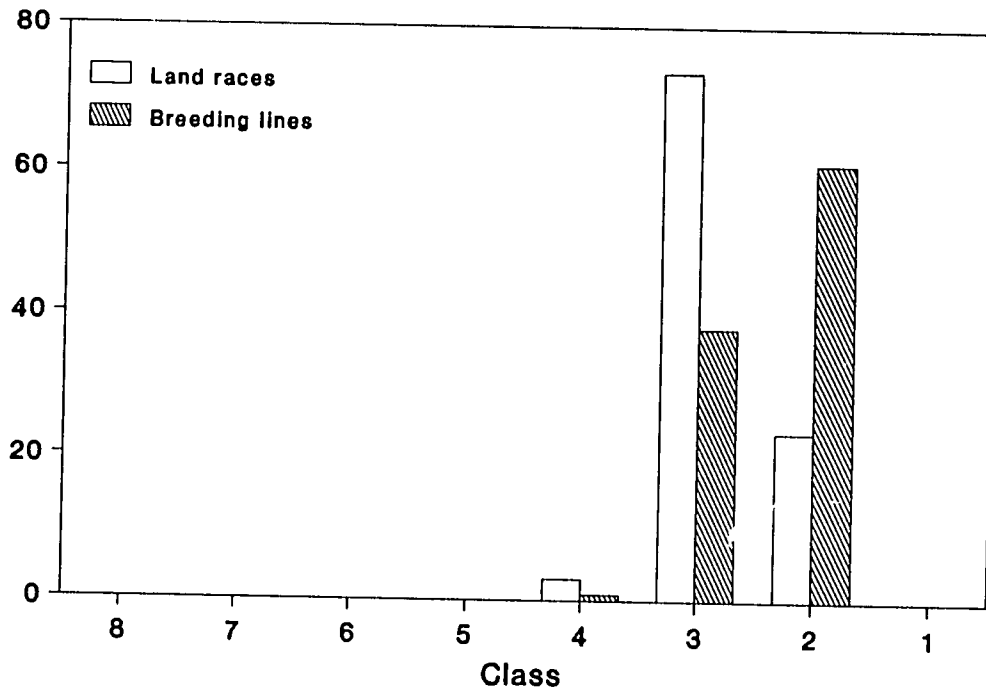


Fig. 6. Bar chart for growth habit.

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### 7. Biological yield

**Table 16.** Frequency table for biological yield.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <i>Cicer</i> spp.
1	17	1	2
2	127	9	4
3	684	58	14
4	1876	267	31
5	1703	588	74
6	530	220	8
7	0	11	0
8	0	1	0
Accessions No.	4937	1155	133

Lines with high biological yield

ILC 99, ILC 104, ILC 118, ILC 144, ILC 157, ILC 430, ILC 2562, ILC 2572, ILC 2593, ILC 3101, ILC 3642, ILC 4175, ILC 4295

Lines with high biological yield and seed yield

ILC 1901, ILC 2606, ILC 4360

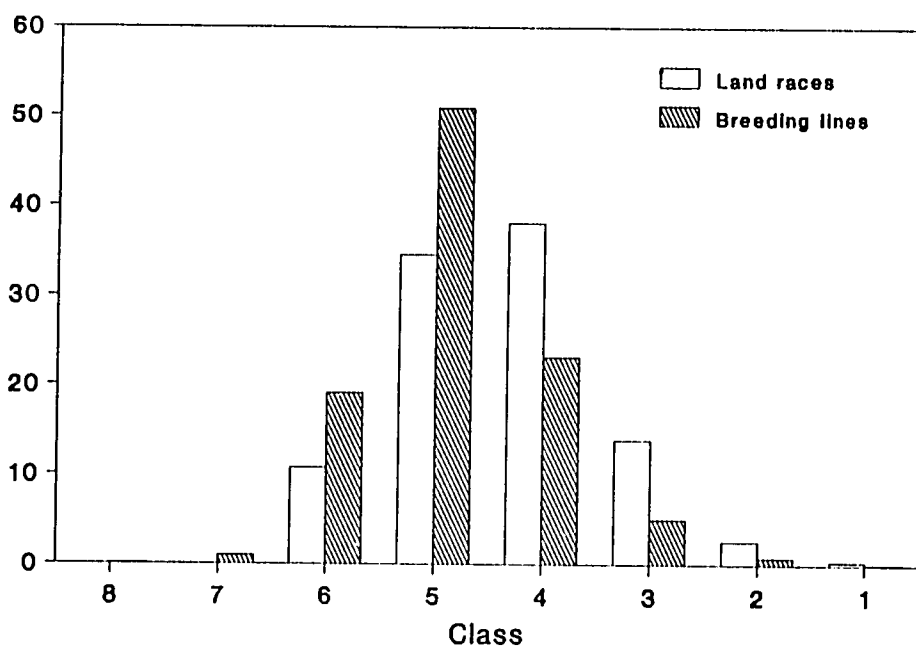
Line with high biological yield and large seed

ILC 4445

Line with high biological yield and Ascochyta blight resistance

ILC 5236

Relative frequency (%)



**Fig. 7.** Bar chart for biological yield.

8. Seed yield

**Table 17.** Frequency table for seed yield.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <u>Cicer</u> spp.
1	7	2	3
2	87	4	3
3	797	61	12
4	1922	271	28
5	1573	577	86
6	509	229	0
7	106	11	0
8	63	0	0
Accessions No.	5064	1155	132

Lines with high seed yield

ILC 2280, ILC 2565, ILC 3218, ILC 3847, ILC 4750, ILC 5206

Lines with high seed yield and biological yield

ILC 1901, ILC 2606, ILC 4360.

Relative frequency (%)

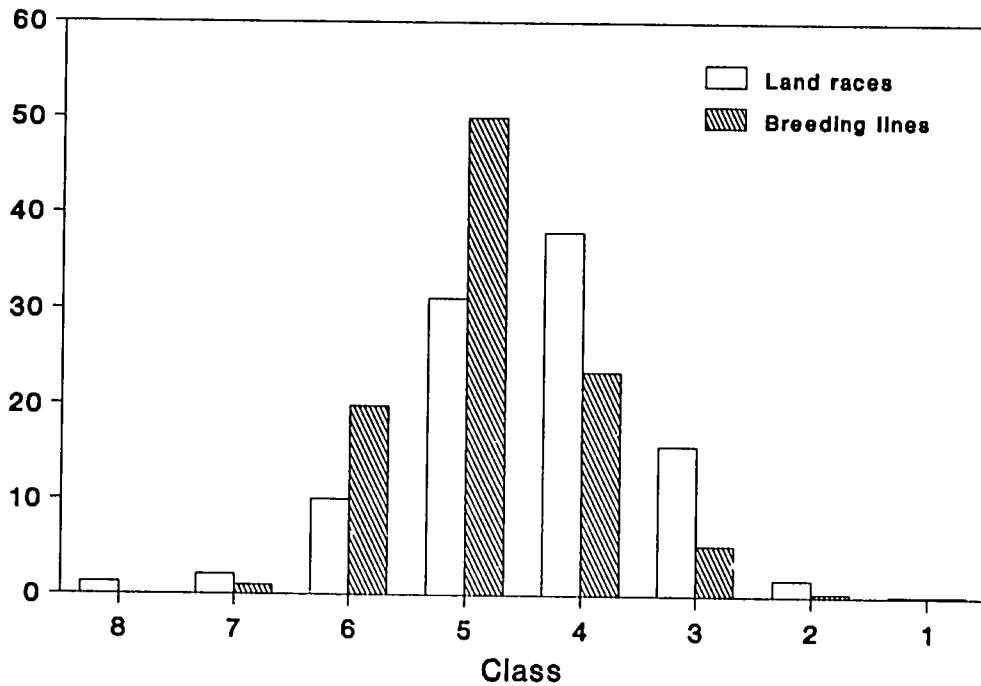


Fig. 8. Bar chart for seed yield.

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### 9. Harvest index

**Table 18.** Frequency table for harvest index.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <i>Cicer</i> spp.
1	4	1	0
2	9	0	0
3	212	29	26
4	2682	458	44
5	1648	536	37
6	291	110	23
7	89	17	2
8	128	4	0
Accessions No.	5063	1155	132

#### Lines with high harvest index

ILC 209, ILC 2687, ILC 3928, ILC 6055, ILC 6307

Relative frequency (%)

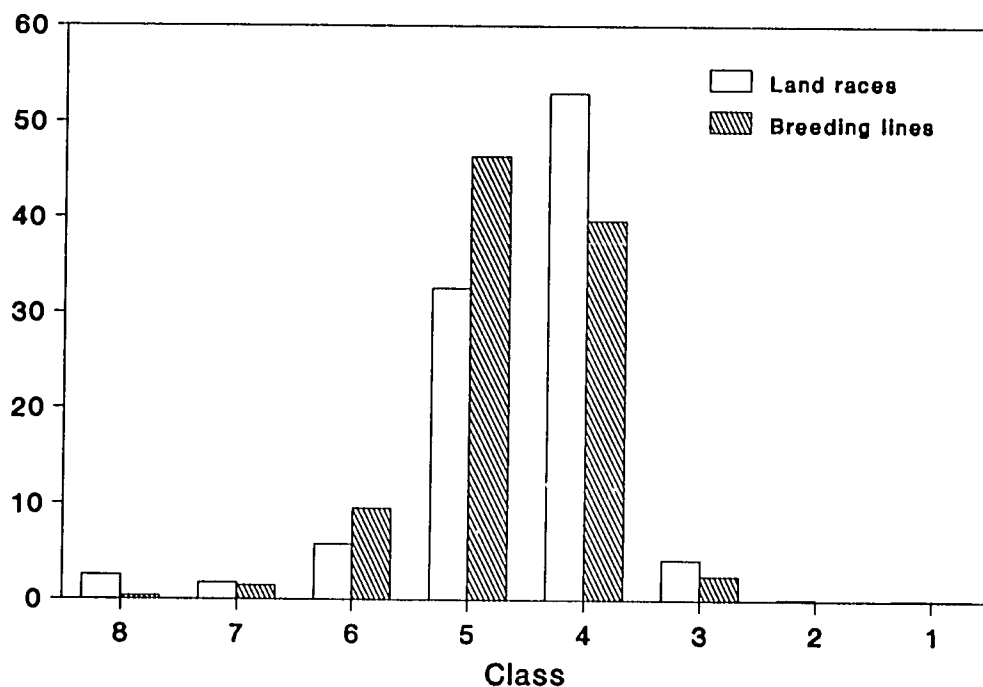


Fig. 9. Bar chart for harvest index.

10. Number of seeds per square meter

**Table 19.** Frequency table for number of seeds per square meter.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <i>Cicer</i> spp.
1	10	0	2
2	145	1	3
3	876	10	14
4	1664	221	35
5	1589	736	63
6	679	184	15
7	103	3	0
8	0	0	0
Accessions No.	5066	1155	132

Lines with high number of seed per meter square

ILC 553, ILC 556, ILC 869, ILC 1836, ILC 1994, ILC 2355, ILC 2532, ILC 2676, ILC 3147, ILC 3582

Relative frequency (%)

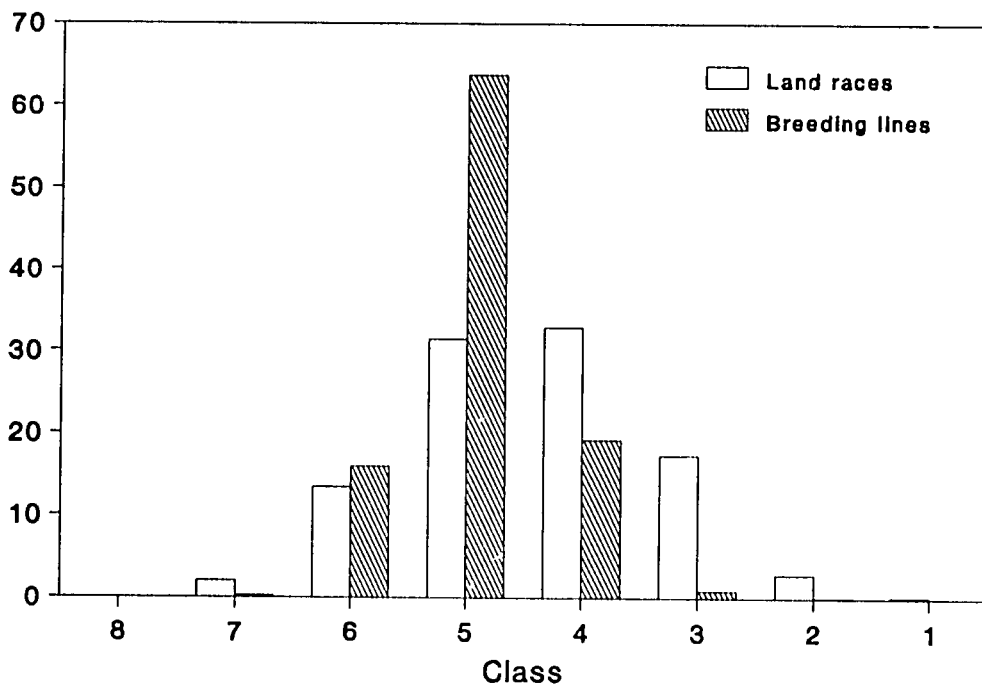


Fig. 10. Bar chart for seeds per square meter.

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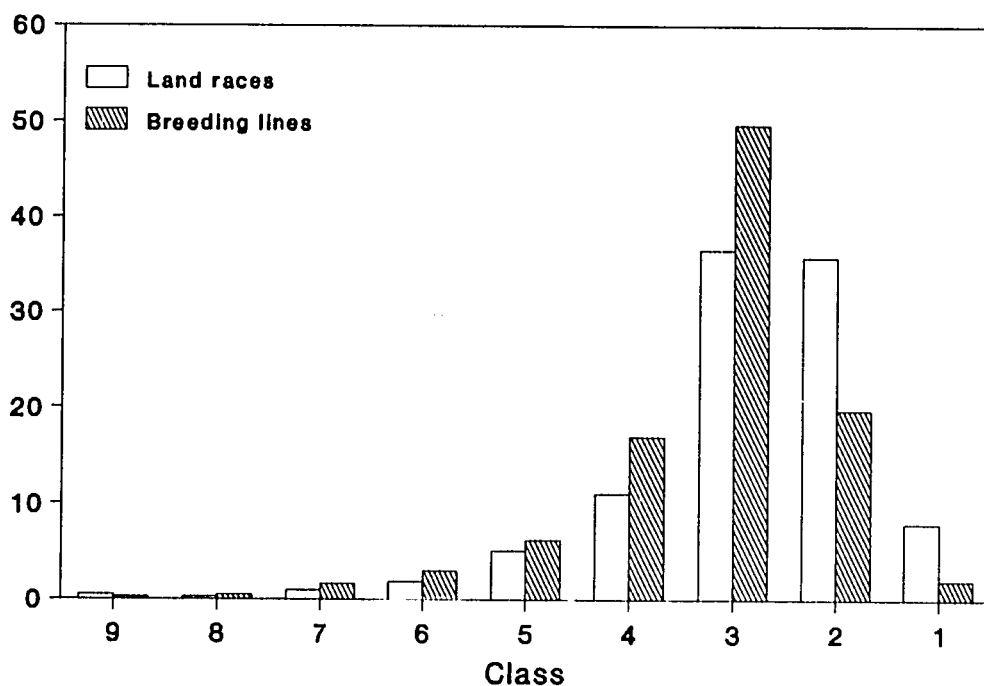
#### 11. Pod dehiscence

**Table 20.** Frequency table for pod dehiscence resistance.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <i>Cicer</i> spp.
1	401	23	NE
2	1806	228	NE
3	1844	573	NE
4	559	196	NE
5	258	72	NE
6	97	35	NE
7	50	19	NE
8	16	6	NE
9	24	3	NE
Accessions no.	5055	1155	NE

NE = Not evaluated.

Relative frequency (%)



**Fig. 11.** Bar chart for pod dehiscence resistance.



12. Hundred seed weight

**Table 21.** Frequency table for hundred seed weight.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <u>Cicer</u> spp.
1	26	0	0
2	284	1	2
3	695	37	36
4	1084	477	12
5	1689	621	81
6	891	13	0
7	0	0	0
8	0	0	0
Accessions No.	4669	1149	131

Large-seeded lines

ILC 1254, ILC 3362, ILC 3363, ILC 3366, ILC 3370, ILC 3373, ILC 3384, ILC 3385, ILC 3386, ILC 3413, ILC 3496, ILC 3504, ILC 3518, ILC 3520, ILC 3522, ILC 3523, ILC 3524, ILC 3527, ILC 3853, ILC 4329, ILC 4446, ILC 4448, ILC 4451.

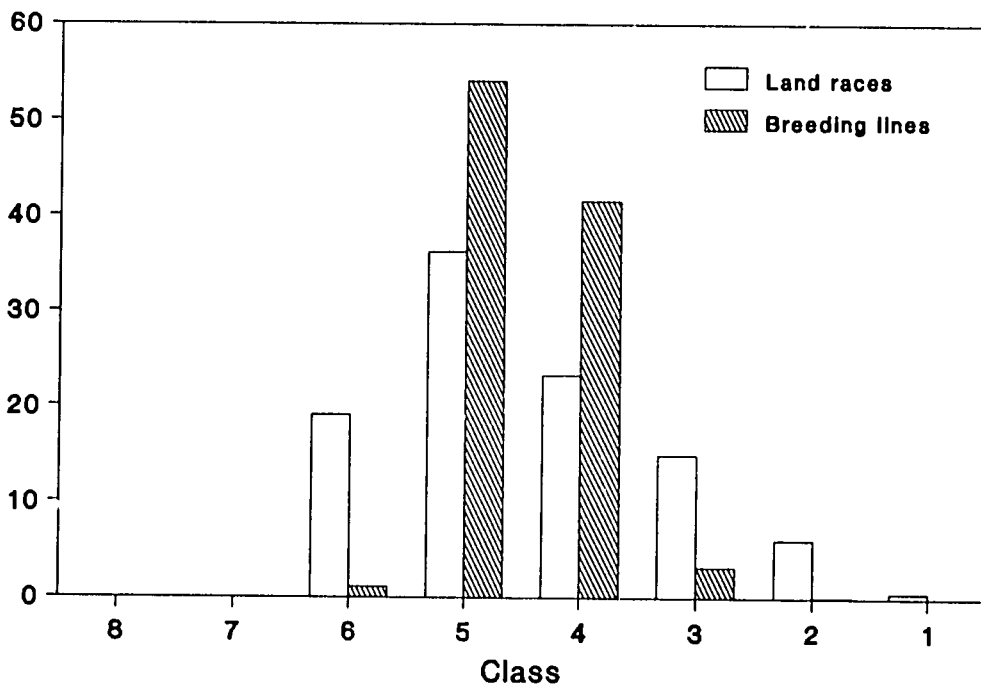
Large seeded and high biological yielding line

ILC 4445

Large-seeded and tall line

ILC 4437

Relative frequency (%)



**Fig. 12.** Bar chart for hundred seed weight.

## 13. Protein content

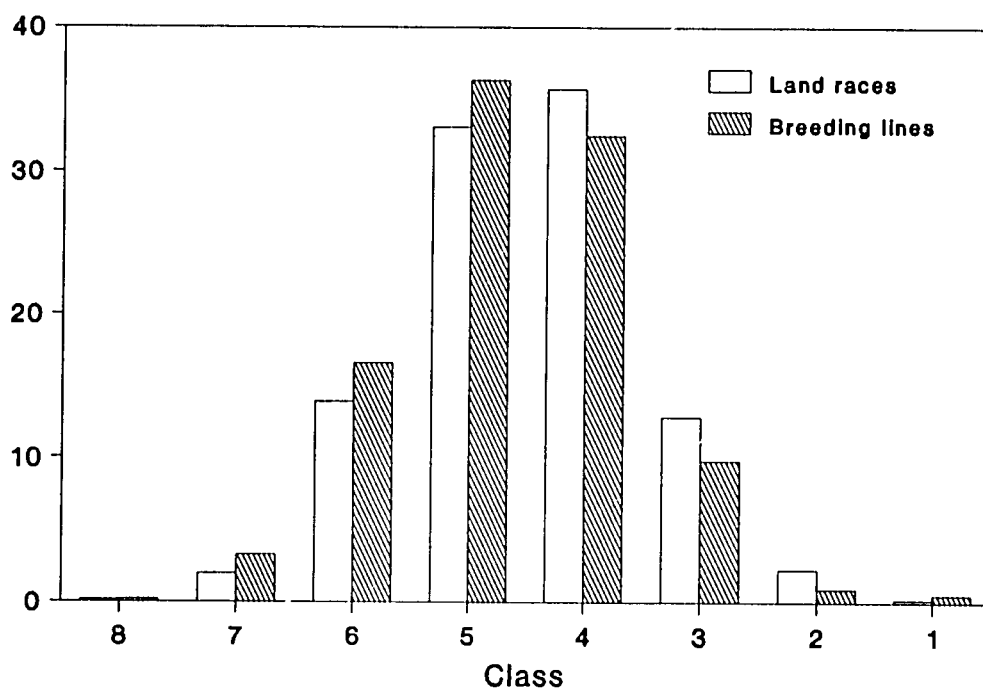
**Table 22.** Frequency table for seed protein content.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <i>Cicer</i> spp.
1	9	6	1
2	115	11	6
3	645	113	23
4	1799	375	50
5	1667	419	25
6	698	191	8
7	100	38	0
8	8	2	1
Accessions No.	5041	1155	114

Lines with high protein content

ILC 1784, ILC 1785, ILC 2404, ILC 2559, ILC 2949, ILC 3671, ILC 3677,  
 ILC 3807, ILC 3925, ILC 4931, ILC 4978, ILC 5242, ILC 5528, ILC  
 5541, ILC 5542.

## Relative frequency (%)

**Fig. 13.** Bar chart for seed protein content.

14. Seed shape

Table 23. Frequency table for seed shape.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <u>Cicer</u> spp.
1	4136	1075	134
2	923	80	3
Acessions No.	4669	1149	131

Relative frequency (%)

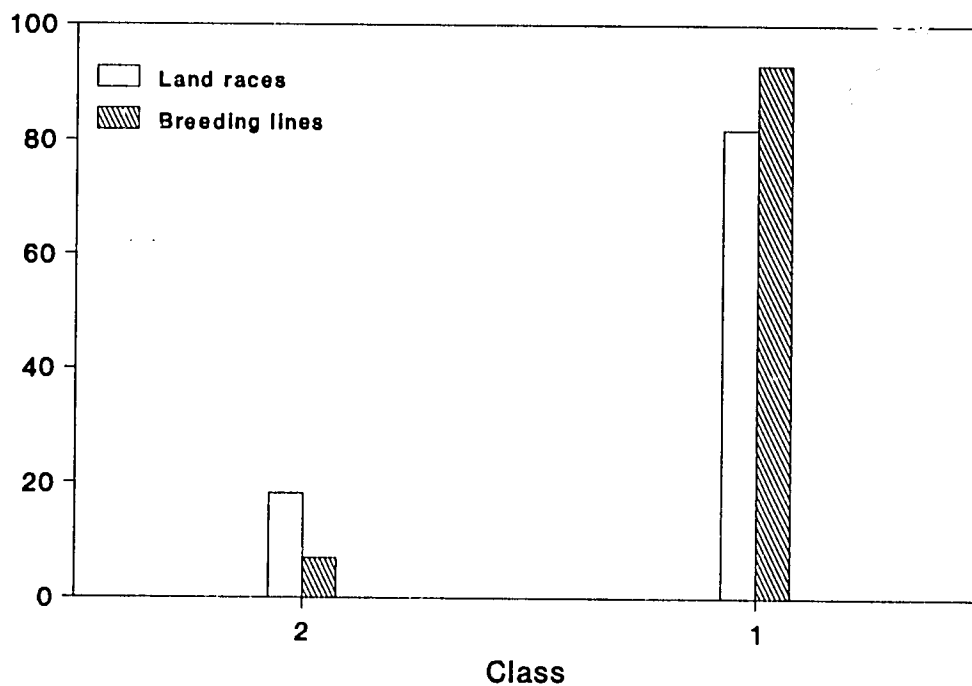


Fig. 14. Bar chart for seed shape.

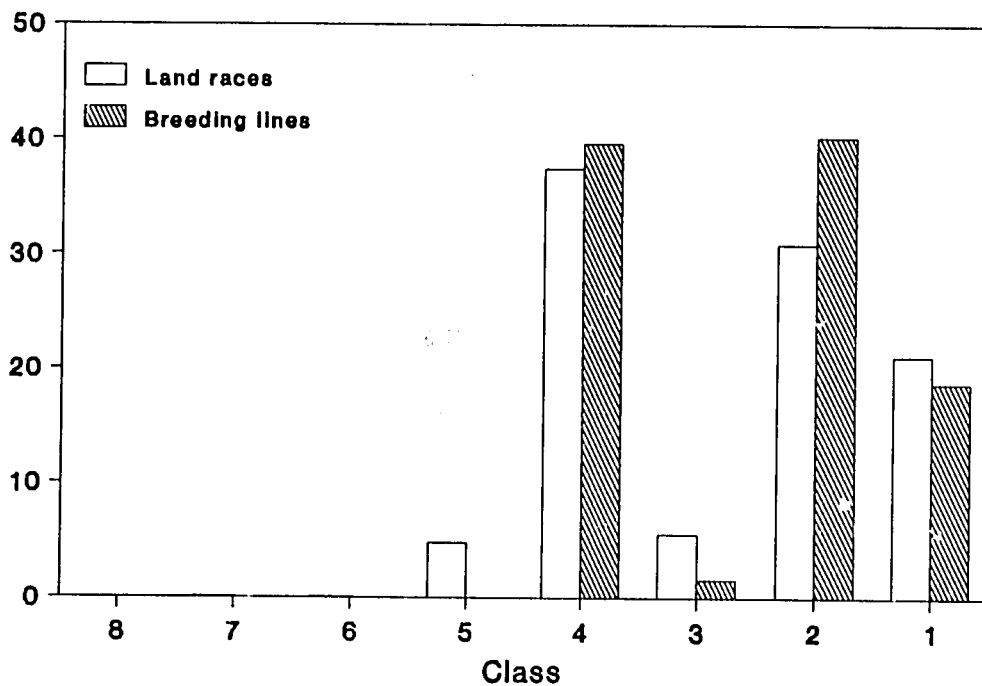
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#### 15. Seed color

**Table 24.** Frequency table for seed color.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <i>Cicer</i> spp.
1	1068	216	20
2	1560	464	0
3	281	18	0
4	1890	457	0
5	243	0	25
6	4	0	48
7	12	0	24
8	1	0	16
Accessions No.	5059	1155	133

Relative frequency (%)



**Fig. 15.** Bar chart for seed color.

16. Seed roughness

Table 25. Frequency table for seed roughness.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <i>Cicer</i> spp.
1	3774	1030	107
2	675	56	3
3	610	69	27
Accessions No.	5059	1155	137

Relative frequency (%)

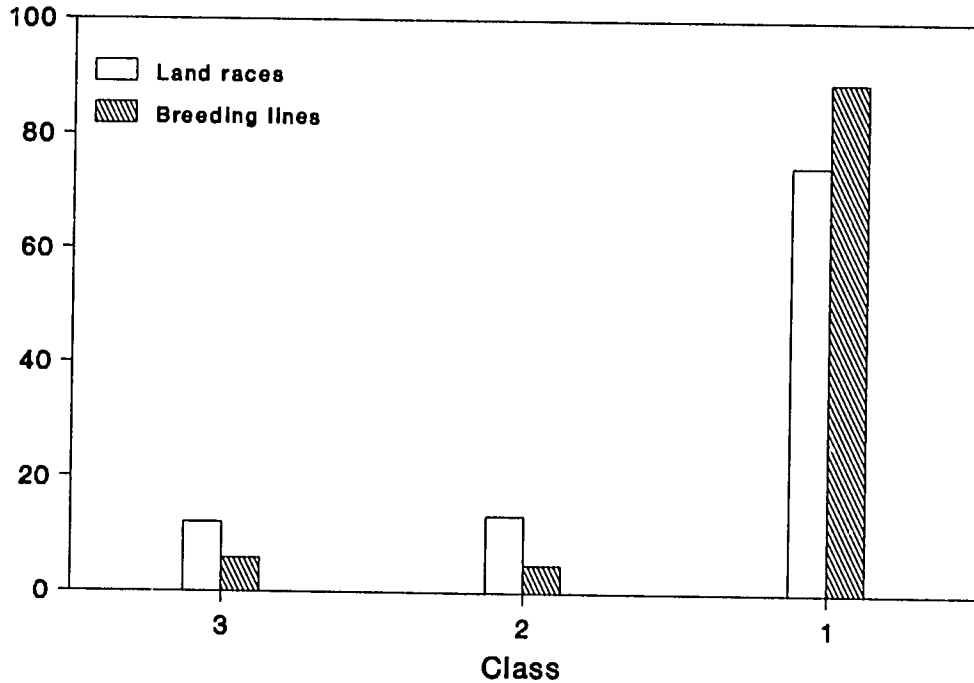


Fig. 16. Bar chart for seed roughness.

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### 17. Ascochyta blight

**Table 26.** Frequency table for Ascochyta blight resistance.

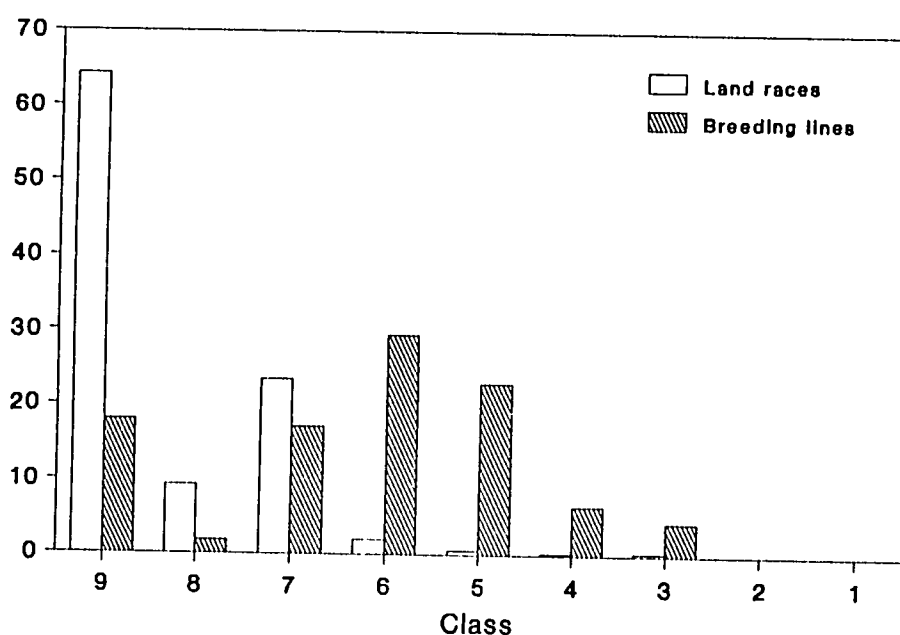
Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <i>Cicer</i> spp.
1	0	0	0
2	0	0	5
3	16	51	73
4	15	76	2
5	29	265	17
6	102	340	13
7	1200	198	12
8	474	21	2
9	3296	208	9
Accessions No.	5132	1159	133

#### Ascochyta blight resistant lines

ILC 72, ILC 182, ILC 187, ILC 200, ILC 2380, ILC 2506, ILC 2956, ILC 3279, ILC 4421, ILC 4567, ILC 4647, ILC 4835, ILC 4854, ILC 4857, ILC 4881, ILC 4884, ILC 4976, ILC 4984, ILC 4986, ILC 4987, ILC 5007, ILC 5047, ILC 5058, ILC 5091, ILC 5104, ILC 5105, ILC 5109, ILC 5172, ILC 5197, ILC 5230, ILC 5236, ILC 5237, ILC 5243, ILC 5275, ILC 5287, ILC 5312, ILC 5446, ILC 5447, ILC 5448, ILC 5449, ILC 5452, ILC 5453, ILC 5460, ILC 5461, ILC 5494, ILC 5501, ILC 5513, ILC 5550, ILC 5557, ILC 5586, ILC 5902, ILC 5921, ILC 6043, ILC 6090, ILC 6188, ILC 6223, ILC 6262, ILC 6312, ILC 6315, ILC 6316, ILC 6319, ILC 6321, ILC 6322, ILC 6325, ILC 6326, ILC 6327

#### Line resistant to Ascochyta blight and Tall ILC 3856

Relative frequency (%)



**Fig. 17.** Bar chart for Ascochyta blight resistance.

18. Fusarium wilt

Table 27. Frequency table for Fusarium wilt resistance.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <i>Cicer</i> spp.
1	0	0	72
2	0	1	0
3	0	2	7
4	5	5	15
5	11	6	6
6	31	13	4
7	19	22	4
8	213	177	0
9	676	482	5
Accessions No.	955	708	113

Fusarium wilt resistant lines  
 ILC 5032, ILC 5411, ILC 5498

Relative frequency (%)

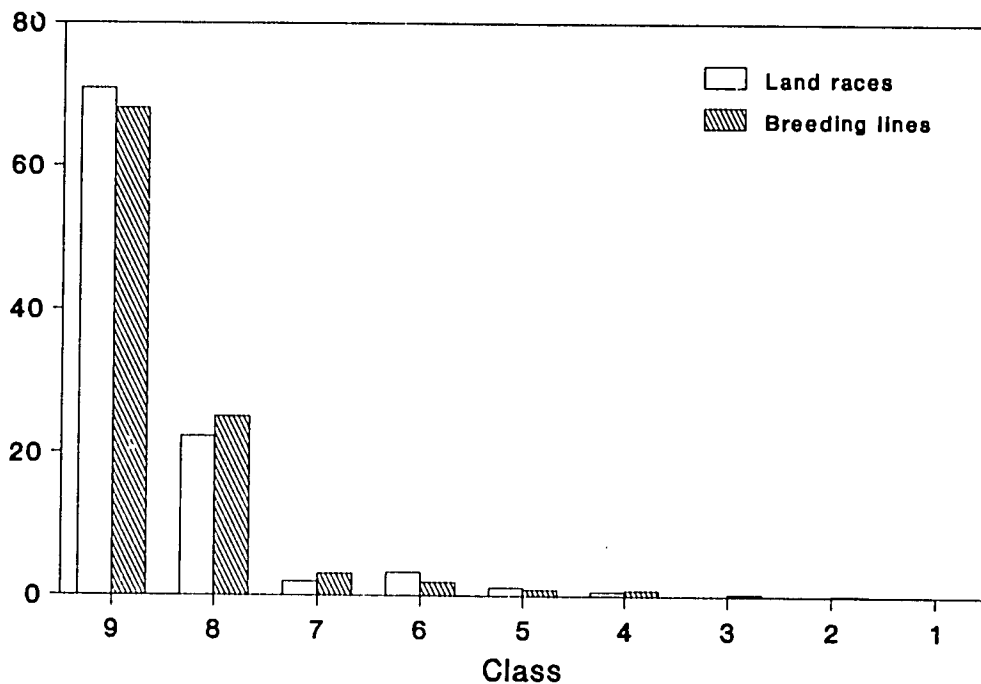


Fig. 18. Bar chart for Fusarium wilt resistance.

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### 19. Leaf miner

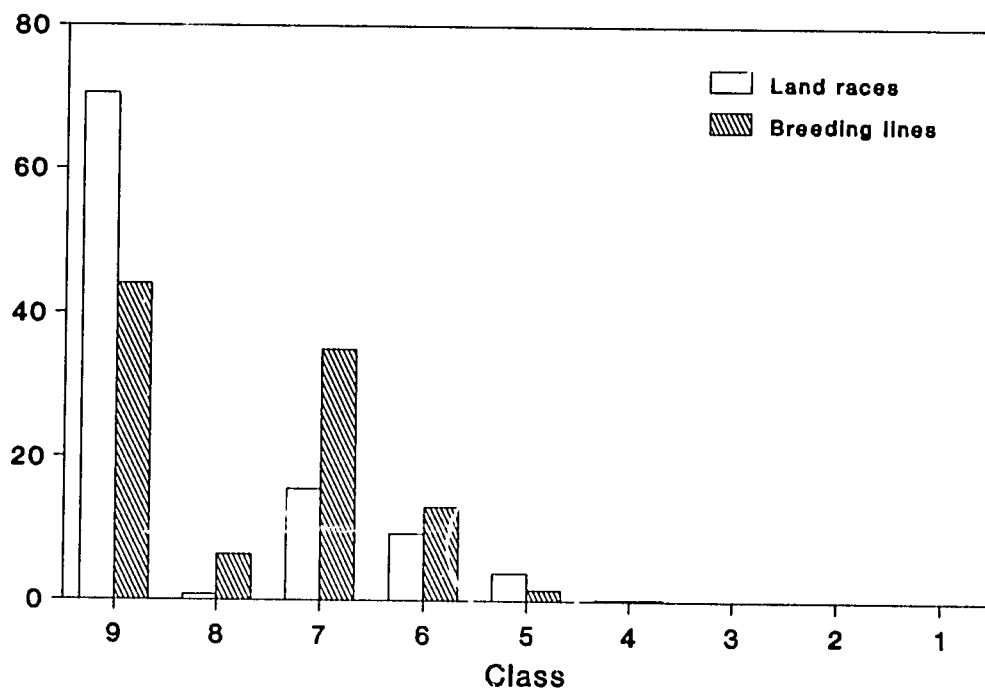
**Table 28.** Frequency table for leaf miner resistance.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <i>Cicer</i> spp.
1	0	0	0
2	0	0	35
3	0	0	26
4	7	2	15
5	196	17	13
6	473	150	0
7	786	405	0
8	37	73	0
9	3585	510	0
Accessions No.	5084	1157	89

Leaf miner moderately resistant lines:

ILC 316, ILC 992, ILC 1003, ILC 1009, ILC 1216, ILC 2622, ILC 5289, ILC 5290, ILC 5901

Relative frequency (%)



**Fig. 19.** Bar chart for leaf miner resistance.



20. Callosobruchus chinensis

Table 29. Frequency table for Callosobruchus chinensis resistance.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <u>Cicer</u> spp.
1	0	0	19
2	0	0	12
3	0	0	4
4	0	0	6
5	0	0	9
6	77	5	10
7	185	8	13
8	1555	130	47
9	3259	1011	10
Accessions No.	5076	1154	130

Relative frequency (%)

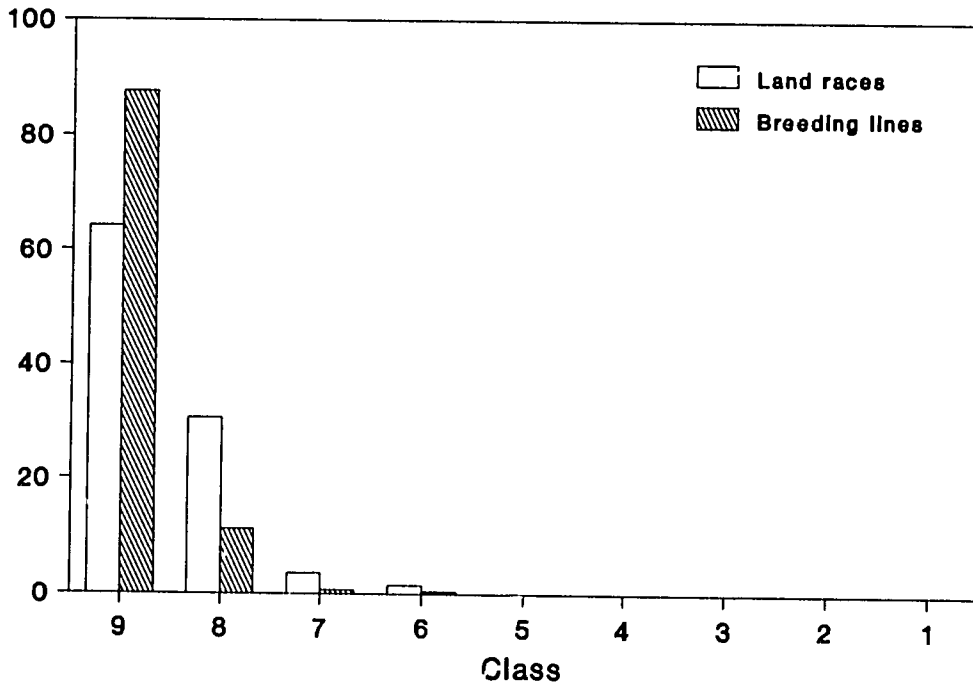


Fig. 20. Bar chart for Callosobruchus chinensis.

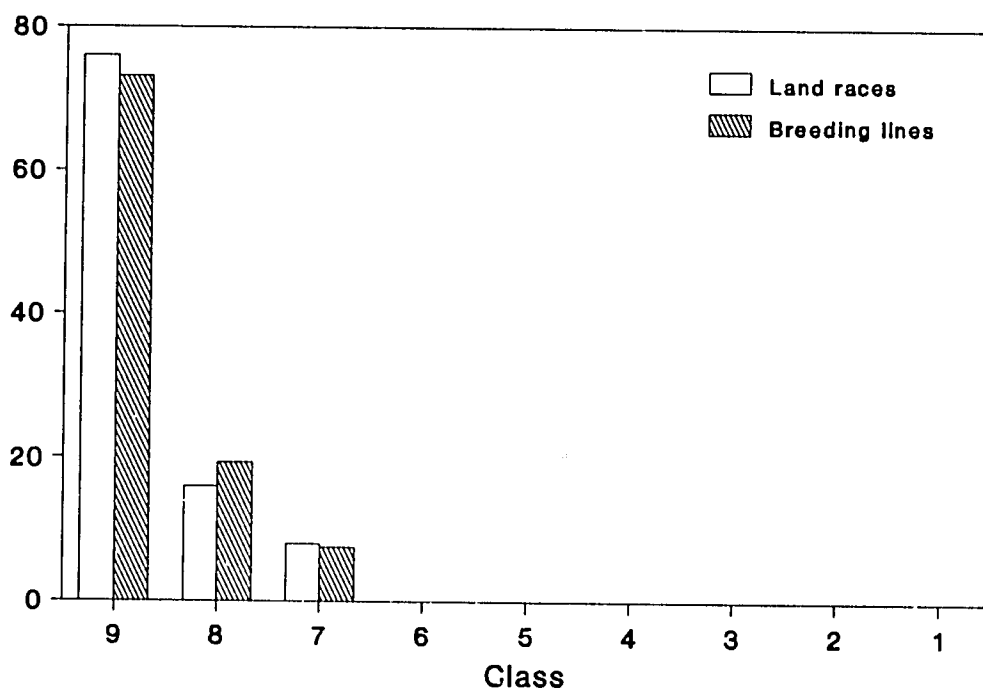
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### 21. Cyst nematode

**Table 30.** Frequency table for cyst nematode resistance.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <i>Cicer</i> spp.
1	0	0	0
2	0	0	0
3	0	0	22
4	0	0	0
5	0	0	0
6	0	0	0
7	406	87	7
8	808	223	30
9	3856	846	78
Accessions No.	5070	1156	137

Relative frequency (%)



**Fig. 21.** Bar chart for cyst nematode resistance.

22. Cold

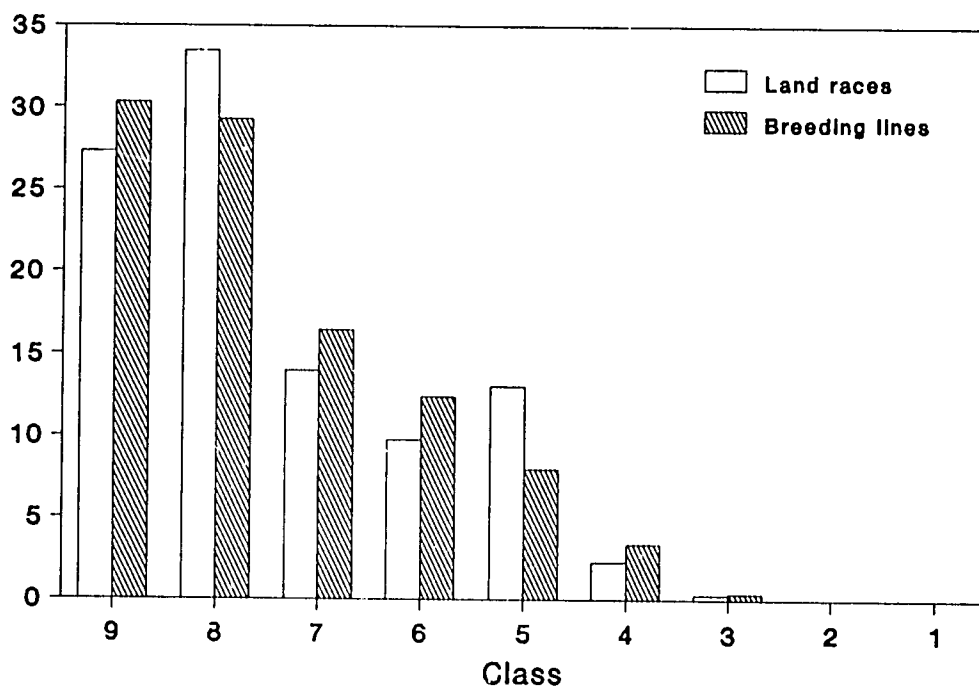
**Table 31.** Frequency table for cold tolerance.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <u>Cicer</u> spp.
1	0	0	1
2	0	0	21
3	16	4	24
4	114	39	14
5	656	92	8
6	490	143	7
7	704	190	11
8	1687	338	13
9	1376	350	38
Accessions No.	5042	1156	137

Cold tolerant lines

ILC 794, ILC 1071, ILC 1251, ILC 1256, ILC 1444, ILC 1455, ILC 1464, ILC 1875, ILC 3465, ILC 3470, ILC 3598, ILC 3746, ILC 3747, ILC 3791, ILC 3857, ILC 3861, ILC 5039, ILC 5085, ILC 6202, ILC 6257.

Relative frequency (%)



**Fig. 22.** Bar chart for cold tolerance.

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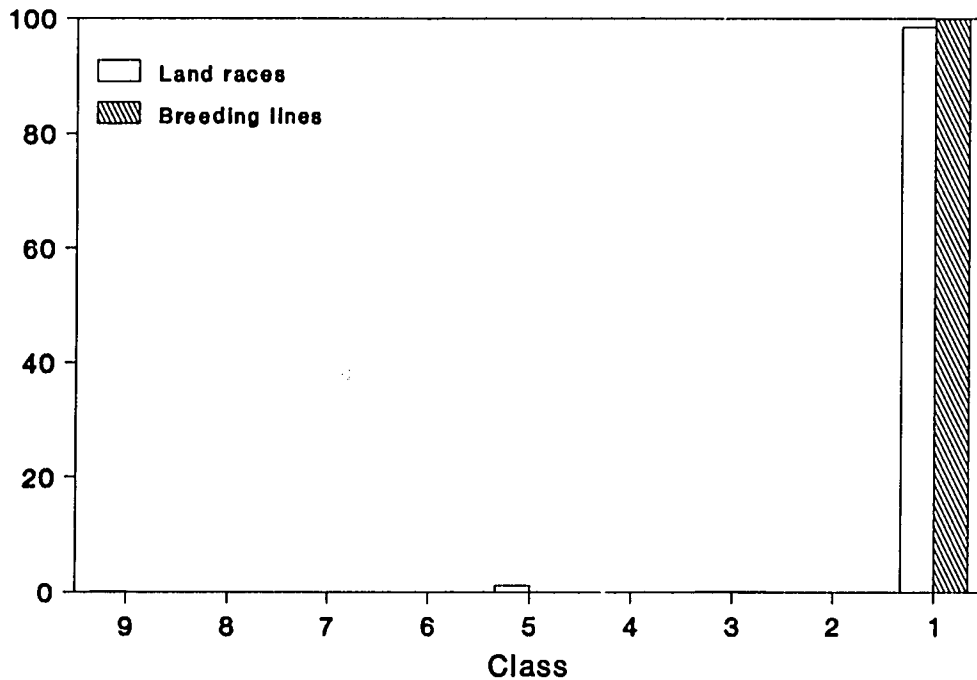
23. Iron deficiency

**Table 32.** Frequency table for iron deficiency tolerance.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <u>Cicer</u> spp.
1	4988	1154	NE
2	0	0	NE
3	7	1	NE
4	0	0	NE
5	60	0	NE
6	0	0	NE
7	1	0	NE
8	0	0	NE
9	9	0	NE
Accessions no.	5065	1155	NE

NE = Not evaluated.

Relative frequency (%)



**Fig. 23.** Bar chart for iron deficiency tolerance.

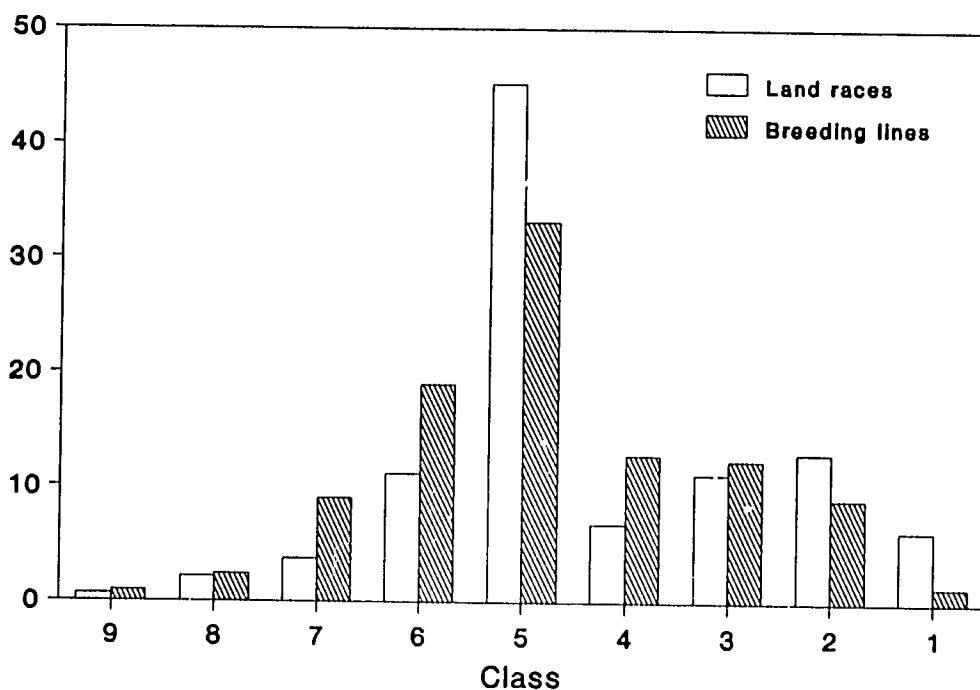
24. Herbicide

**Table 33.** Frequency table for herbicide tolerance.

Descriptor state	Frequency (%)		
	Landraces	Breeding lines	Wild <u>Cicer</u> spp.
1	20	3	NE
2	42	19	NE
3	36	26	NE
4	22	27	NE
5	146	70	NE
6	36	40	NE
7	12	19	NE
8	7	5	NE
9	2	2	NE
Accessions No.	323	211	NE

NE = Not evaluated.

Relative frequency (%)



**Fig. 24.** Bar chart for herbicide tolerance.

**GERMPLASM USEFUL FOR MULTIPLE CHARACTERS**

Plant breeders wish to have parental lines with useful attributes for more than one trait. In keeping with this interest, accessions possessing desirable attributes for two or more useful traits were sorted out. This exercise was, however, limited to a few morpho-agronomic traits such as days to 50% flowering, plant height, biological yield, seed yield, harvest index, the number of seeds per square meter, hundred seed weight, and protein content, and some stress characters, namely *Ascochyta* blight, *Fusarium* wilt, and Cold. Results are presented in Tables 34-43. The results of sorting wild Cicer species are given in Tables 44-51.

Several useful lines as donor parents for two or more traits have been identified. For example, line ILC 3856 may be a source of genes for tallness and resistance to *Ascochyta* blight and line ILC 3677 may contribute genes for protein content, hundred seed weight and cold tolerance. Among the wild species, several accessions have genes for resistance to multiple stresses, e.g., line ILWC 7-1 has genes for resistance to *Ascochyta* blight, *Callosobruchus chinensis*, cyst nematode, and cold tolerance. Likewise, there are several lines with resistance to two or more stresses (see tables 44-51).

Table . Tallest accessions of cultivated chickpea with other attributes.

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
2680	5	5	4	1	4	2	3	3	5	4	4	4	3	1	4	1	7	0	9	9	9	7	1	0
2955	5	6	4	1	5	2	4	5	6	4	6	5	5	2	4	2	9	0	9	9	9	7	1	0
3248	4	6	4	1	3	2	4	5	6	5	6	5	5	2	4	2	7	0	9	9	9	6	1	0
3668	5	5	6	1	5	2	4	7	8	6	2	4	3	1	4	1	8	0	9	9	9	5	1	0
3856	5	5	4	1	4	2	5	5	5	5	5	5	6	2	4	2	3	0	9	9	9	7	1	0
4098	4	4	4	1	5	2	3	3	4	5	4	2	5	1	4	1	9	0	9	9	9	8	1	0
4437	4	3	5	1	5	2	3	4	6	6	3	1	5	1	3	1	9	0	9	8	9	9	1	0
4635	5	6	4	1	3	2	5	5	6	5	4	4	4	1	2	1	7	0	7	8	9	5	1	0
4641	4	4	4	1	3	2	5	5	4	4	4	5	4	1	1	1	7	0	9	8	9	8	1	0
4965	5	5	4	1	5	2	3	4	5	5	4	4	4	1	4	1	6	8	9	9	8	6	1	0

DAF = Days to 50% flowering  
 FDU = Flowering duration  
 DMA = Days to maturity  
 HGT = Plant height  
 CAW = Canopy width  
 GrH = Growth habit  
 BYD = Biological yield  
 SYD = Seed yield

HI = Harvest index  
 S/M = Number of seeds/m<sup>2</sup>  
 PD = Pod dehiscence  
 HSW = Hundred seed weight  
 PRO = Protein content (percent)  
 SS = Seed shape  
 SCO = Seed color  
 SRO = Seed roughness

AB = Ascochyta blight  
 FW = Fusarium wilt  
 LM = Leaf miner  
 CC = Callosobruchus chinensis  
 CN = Cyst nematode  
 COL = Cold  
 IDC = Iron deficiency chlorosis  
 HER = Herbicide

Table 35. Accessions with the highest biological yield with other attributes.

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
99	4	4	5	3	5	2	1	2	5	5	4	2	2	1	4	1	9	8	9	7	8	8	1	0
104	5	4	5	2	6	2	1	5	8	6	3	3	4	1	1	1	9	9	7	7	9	8	1	0
118	5	4	5	2	8	2	1	4	7	5	2	3	4	1	4	1	7	9	9	9	7	8	1	0
144	5	5	5	3	6	2	1	5	8	6	5	3	3	1	3	1	9	9	9	9	9	8	1	0
157	5	5	5	4	6	2	1	4	7	5	5	2	3	1	2	1	9	8	9	8	9	8	1	0
430	5	4	4	4	6	3	1	2	5	4	3	4	3	1	2	1	9	9	9	8	9	8	1	9
1901	5	5	4	3	5	3	1	1	4	4	4	3	5	1	4	1	9	0	9	9	9	5	1	0
2562	4	4	4	4	4	3	1	2	5	4	3	3	3	1	4	1	7	0	9	9	9	7	1	0
2572	4	4	4	2	4	3	1	3	6	4	3	4	2	1	4	1	7	0	9	9	9	8	1	0
2593	5	5	4	2	5	3	1	2	6	5	5	2	4	1	4	1	9	0	9	9	9	8	1	0
2606	4	3	4	4	5	3	1	1	5	7	4	4	3	1	4	3	9	0	9	8	9	9	1	0
3101	5	5	4	5	4	3	1	2	5	4	3	4	4	1	4	1	9	0	9	8	9	9	1	0
3642	4	4	4	3	6	2	1	2	5	5	4	3	4	1	4	1	9	0	9	9	8	4	1	0
4175	5	6	6	3	7	3	1	4	7	6	6	2	4	1	2	1	9	0	9	9	9	9	1	0
4360	4	3	4	4	6	3	1	1	4	3	2	4	5	1	2	1	6	0	7	9	9	4	1	0
4395	4	4	4	4	4	2	1	2	5	4	3	4	4	1	1	1	8	0	6	9	9	7	1	0
4445	4	3	5	2	5	2	1	2	5	5	2	1	4	1	3	1	9	0	9	9	9	9	1	0
5236	5	5	4	3	5	2	1	2	5	4	3	4	2	1	2	1	3	9	7	9	8	8	1	0

Table 36. Accessions with the highest seed yield with other attributes.

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	CC <sub>2</sub>	IDC	HER
1901	5	5	4	3	5	3	1	1	4	4	4	3	5	1	4	1	9	0	9	9	9	5	1	0
2280	4	3	4	4	6	3	2	1	4	4	5	3	4	1	4	1	9	0	9	8	9	9	1	0
2565	4	3	4	4	4	3	2	1	4	3	2	4	5	1	1	1	7	0	9	9	9	8	1	0
2606	4	3	4	4	5	3	1	1	5	7	4	4	3	1	4	3	9	0	9	8	9	9	1	0
3218	3	3	4	4	4	3	2	1	4	3	2	5	4	1	1	1	9	0	9	9	9	8	1	0
3847	5	4	4	4	5	2	2	1	4	5	6	2	4	1	2	1	7	0	9	9	9	6	1	0
4360	4	3	4	4	6	3	1	1	4	3	2	4	5	1	2	1	6	0	7	9	9	4	1	0
4750	4	3	4	4	5	3	3	1	3	4	2	4	6	1	2	3	7	0	9	9	9	9	1	4
5206	4	4	4	5	4	2	2	1	4	2	3	5	4	1	4	1	6	9	7	9	8	8	1	0



Table 37. Accessions with the highest harvest index with other attributes.

IIC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
209	5	6	4	6	4	3	5	4	1	5	2	3	6	1	1	1	9	9	9	8	9	8	1	0
2687	5	3	4	2	5	3	6	5	1	4	3	6	4	1	2	1	7	0	9	9	9	9	1	0
3928	5	5	4	4	4	3	5	3	1	5	2	4	4	1	4	1	8	0	9	7	9	8	1	0
6055	6	5	5	7	2	4	8	7	1	7	3	3	5	1	4	1	9	0	6	9	9	9	1	3
6307	5	5	4	4	3	2	5	3	1	4	3	5	5	1	4	1	6	9	6	9	9	6	1	0

Table 38. Accessions with the highest number of seeds/M2 with other attributes.

IIC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
553	4	4	4	5	3	3	5	5	4	1	2	6	6	2	1	1	9	9	9	9	9	9	1	0
556	4	4	4	4	5	3	4	4	5	1	2	6	4	2	2	2	9	9	9	9	9	8	1	0
869	6	5	4	5	4	3	4	3	4	1	3	6	5	1	2	1	9	9	5	8	7	8	1	0
1836	5	6	4	4	5	3	4	3	4	1	2	6	4	2	2	1	9	0	9	9	9	5	1	0
1994	5	4	5	7	3	3	5	5	4	1	2	6	4	2	4	2	9	0	9	8	9	5	1	0
2355	5	5	4	5	5	3	3	3	4	1	2	6	5	2	2	2	7	0	9	8	9	8	1	0
2532	4	3	4	5	4	3	4	3	3	1	2	6	6	1	4	1	9	0	9	8	9	9	1	0
2676	4	4	4	5	3	3	5	4	4	1	1	6	2	2	2	2	9	0	9	9	9	9	1	0
3147	4	3	4	7	4	3	5	5	4	1	1	6	0	-	0	0	9	0	9	8	9	9	9	0
3582	4	4	4	4	5	3	4	3	4	1	2	6	5	1	1	1	9	0	9	9	9	8	1	0

Table 39. Accessions with the heaviest hundred seed weight with other attributes.

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
1254	3	2	5	4	4	2	4	4	5	6	3	1	5	1	4	1	9	0	9	9	7	9	1	0
3362	4	3	5	4	5	2	3	4	5	6	3	1	5	1	3	1	9	0	9	9	8	9	1	0
3363	4	3	5	4	4	2	3	3	5	6	2	1	5	1	3	1	9	0	9	9	9	9	1	0
3366	4	4	5	4	6	2	3	4	6	6	3	1	4	1	3	1	9	0	9	9	9	9	1	0
3370	4	4	5	4	6	3	4	4	6	6	3	1	5	1	3	1	9	0	9	9	8	9	1	0
3373	4	3	5	4	6	3	3	4	5	6	3	1	4	1	3	1	9	0	9	9	9	9	1	0
3384	4	4	5	4	6	3	2	3	5	6	3	1	5	1	3	1	9	0	9	9	9	9	1	0
3385	4	4	5	2	6	3	3	3	5	6	3	1	4	1	3	1	9	0	9	9	9	9	1	0
3386	4	3	5	4	6	3	3	4	6	6	3	1	4	1	3	1	9	0	9	9	9	9	1	0
3413	4	3	5	3	5	2	4	5	6	6	2	1	4	1	3	1	9	0	9	9	9	9	1	0
3496	4	4	5	3	5	2	3	4	6	6	3	1	3	1	3	1	9	0	9	8	9	5	1	0
3504	4	3	5	4	5	3	3	4	6	6	3	1	3	1	3	1	9	0	9	8	9	8	1	0
3518	4	4	5	4	5	2	4	4	5	6	3	1	4	1	3	1	9	0	9	9	9	8	1	0
3520	4	2	5	5	5	2	4	4	5	6	4	1	6	1	3	1	9	0	9	8	9	8	1	0
3522	4	3	5	4	5	2	4	5	6	6	4	1	5	1	3	1	9	0	9	8	9	7	1	0
3523	4	3	5	4	5	2	4	4	5	6	4	1	5	1	3	1	9	0	9	9	9	9	1	0
3524	4	2	5	3	5	3	3	4	5	6	2	1	4	1	3	1	9	0	9	9	9	7	1	0
3527	4	3	5	4	5	2	4	4	5	6	3	1	4	1	3	1	9	0	9	6	9	8	1	0
3853	4	4	5	3	5	3	3	4	5	6	5	1	4	1	3	1	9	0	9	9	9	5	1	0
4329	4	3	4	4	5	3	5	5	5	6	2	1	3	1	3	1	7	0	9	8	9	5	1	0
4437	4	3	5	1	5	2	3	4	6	6	3	1	5	1	3	1	9	0	9	8	9	9	1	0
4441	4	4	5	5	4	3	4	4	5	6	3	1	3	1	3	1	9	0	9	8	9	9	1	0
4445	4	3	5	2	5	2	1	2	5	5	2	1	4	1	3	1	9	0	9	8	9	9	1	0
4446	3	3	5	2	5	2	4	5	6	6	3	1	4	1	3	1	9	0	9	9	9	9	1	0
4448	4	3	5	3	5	2	4	5	5	6	3	1	4	1	3	1	9	0	7	6	9	9	1	0
4451	4	3	5	2	5	2	2	5	7	6	3	1	4	1	2	1	9	0	7	8	9	9	1	0

Table 40. Accessions with the highest protein content with other attributes.

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
1784	5	6	5	4	5	3	4	4	6	4	3	5	1	1	4	1	9	0	5	9	8	5	1	0
1785	5	5	5	6	4	2	4	5	6	5	3	5	1	1	4	1	9	0	7	9	9	7	1	0
2404	4	4	5	6	5	4	5	5	5	2	3	6	1	2	2	3	9	0	9	9	9	9	1	0
2559	6	5	5	5	3	4	3	3	5	3	3	5	1	1	4	3	9	0	7	8	9	5	1	0
2949	4	3	4	4	5	3	2	3	5	4	2	4	1	1	4	3	9	0	9	9	9	9	1	0
3671	4	5	6	2	6	2	5	7	8	6	2	4	1	1	4	1	8	0	9	8	8	5	1	0
3677	4	4	4	4	5	2	4	4	5	5	3	3	1	1	4	1	8	0	9	9	9	4	1	0
3807	5	5	5	6	3	3	5	6	6	5	3	5	1	1	4	1	9	0	9	9	8	5	1	0
3925	6	5	7	4	4	2	5	8	8	7	0	4	1	1	4	1	7	0	9	9	9	8	1	0
4931	5	5	4	2	5	2	3	3	5	4	3	4	1	1	2	1	5	0	9	9	9	9	1	2
4978	4	3	4	2	5	2	2	3	5	4	3	4	1	1	4	1	4	9	9	9	9	9	1	0
5242	5	5	4	3	5	2	5	5	5	5	4	4	1	1	2	1	5	8	9	9	7	8	1	0
5526	4	5	4	4	5	2	4	4	5	5	3	4	1	1	4	1	5	9	7	9	9	8	1	0
5541	5	4	4	3	4	2	4	4	5	5	3	4	1	1	4	1	4	9	6	9	9	8	1	0
5542	5	4	4	4	6	2	4	5	6	5	5	5	1	1	2	1	8	9	6	9	9	8	1	0

Table 41. Ascochyta blight resistant accessions of cultivated species with other attributes.

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER	
72	6	6	5	2	4	2	4	5	5	5	5	5	4	2	4	2	3	9	9	8	8	9	1	0	
182	5	5	4	4	5	2	5	5	5	4	3	5	4	2	2	1	3	8	9	8	8	7	8	1	0
187	5	5	4	4	5	2	4	5	5	4	4	5	5	2	4	2	3	9	9	8	7	7	1	0	
200	5	5	4	4	4	2	4	5	5	4	4	5	5	2	4	2	3	9	9	8	8	8	1	0	
2380	5	5	4	5	4	3	5	5	5	4	3	5	5	2	4	2	3	0	9	8	9	7	1	0	
2506	5	5	5	3	4	3	4	4	5	4	5	5	5	2	4	2	3	0	9	8	9	5	1	0	
2956	6	5	5	2	5	2	4	4	6	5	5	5	4	2	4	2	3	0	7	9	9	6	1	0	
3279	6	6	5	2	4	2	4	5	5	5	3	5	5	2	4	2	3	0	9	8	8	7	1	0	
3856	5	5	4	1	4	2	5	5	5	5	5	5	6	2	4	2	3	0	9	9	9	7	1	0	
4421	5	6	4	4	4	3	4	4	5	3	3	6	5	2	2	2	3	0	9	8	9	4	1	0	
4567	4	4	4	5	4	3	5	5	4	5	2	5	6	1	2	1	3	0	7	9	9	5	1	0	
4647	5	4	4	2	3	2	5	5	6	5	5	5	4	1	2	1	3	0	9	9	9	9	1	0	
4835	5	4	4	4	4	2	5	5	5	4	3	5	3	1	2	1	3	0	9	9	9	9	1	0	
4854	5	6	5	4	4	3	5	6	6	5	3	5	4	1	2	1	3	0	7	9	9	9	1	6	
4857	4	4	4	7	4	3	6	6	4	5	2	5	5	1	2	1	3	0	9	9	9	8	1	3	
4881	4	4	4	7	4	3	5	5	4	4	3	5	5	1	1	1	3	0	9	9	9	8	1	3	
4884	5	6	4	5	4	3	6	5	3	5	2	5	4	1	4	1	3	0	9	9	9	8	1	2	
4976	5	5	4	3	6	3	3	4	5	4	3	4	5	1	2	1	3	9	7	9	7	6	1	0	
4984	4	4	4	4	6	2	4	4	4	4	4	5	5	1	2	1	3	9	9	9	9	6	1	0	
4986	5	5	4	4	6	2	3	3	4	4	4	4	6	1	4	1	3	9	7	9	8	5	1	0	
4987	4	4	4	4	5	3	5	5	5	5	4	4	6	2	2	2	3	8	7	9	8	7	1	0	
5007	4	4	4	5	5	2	4	3	4	4	3	4	4	1	4	3	3	9	7	8	9	6	1	0	
5047	6	6	4	4	5	2	5	5	5	5	4	4	6	1	2	1	3	9	7	9	8	8	1	0	
5058	4	4	4	5	4	2	5	5	5	5	3	5	4	1	2	1	3	8	9	9	8	8	1	0	
5091	5	4	4	5	4	2	5	5	4	5	2	4	6	1	2	1	3	9	9	9	8	6	1	0	
5104	5	4	4	5	4	3	5	5	4	5	3	5	5	1	4	1	3	9	9	9	8	8	1	0	
5105	5	5	4	5	4	2	6	5	4	5	4	5	5	1	4	1	3	9	9	9	8	6	1	0	
5109	6	6	4	5	4	2	6	6	6	6	3	5	5	1	2	1	3	8	7	9	8	6	1	0	
5172	5	5	4	3	5	2	3	4	5	4	4	5	5	1	4	1	3	8	9	9	8	7	1	0	
5197	5	5	4	4	4	2	5	5	4	5	5	5	6	1	4	1	3	9	7	9	9	9	1	0	
5230	5	5	4	4	5	2	5	6	6	6	3	4	5	1	4	1	3	9	9	9	8	9	1	0	
5236	5	5	4	3	5	2	1	2	5	4	3	4	5	1	2	1	3	9	7	9	8	8	1	0	
5237	4	4	4	4	5	2	3	4	6	4	3	4	4	2	1	4	1	3	9	9	9	8	1	0	
5243	5	5	4	4	4	2	4	4	5	4	6	4	3	1	2	1	3	8	9	9	8	8	1	0	
5275	4	4	4	5	4	3	4	4	5	4	3	4	4	1	4	1	3	8	9	9	7	8	1	0	

Table 41. cont.

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
5287	5	6	5	4	5	2	4	4	5	5	5	4	6	1	4	1	3	6	9	9	9	7	1	0
5312	5	6	5	4	4	2	5	5	4	5	3	4	6	1	4	1	3	8	9	9	9	7	1	0
5446	5	6	4	4	3	2	5	6	6	6	3	4	4	1	4	1	3	8	8	9	9	7	1	0
5447	6	6	4	5	4	3	5	5	5	5	5	4	6	1	4	1	3	6	6	9	9	6	1	0
5448	5	6	4	5	3	3	6	5	4	5	5	4	5	1	4	1	3	6	8	9	9	8	1	0
5449	5	4	4	5	4	3	4	5	5	5	4	4	6	1	4	1	3	8	7	9	9	8	1	0
5452	5	5	4	3	4	2	5	5	4	5	3	4	5	1	1	1	3	9	8	9	9	9	1	0
5453	5	5	4	3	3	2	4	4	5	5	3	4	5	1	4	1	3	9	7	9	9	9	1	0
5460	5	6	4	4	4	3	5	5	5	5	4	4	5	1	1	1	3	8	8	9	9	8	1	0
5461	5	6	4	4	3	3	4	5	5	5	4	4	5	1	4	1	3	8	6	9	9	7	1	0
5494	5	5	5	6	3	3	6	6	5	6	6	4	6	1	2	1	3	9	7	9	9	7	1	0
5501	4	5	4	6	3	3	5	5	5	5	3	5	5	1	1	1	3	9	7	9	9	5	1	0
5513	4	4	4	5	4	3	3	4	5	4	3	5	3	1	4	1	3	9	8	9	9	9	1	0
5550	5	4	4	4	5	3	3	4	5	4	3	5	4	1	2	1	3	8	5	9	9	8	1	0
5557	4	4	4	5	5	3	5	5	4	5	3	5	4	1	2	1	3	9	6	9	9	8	1	0
5586	5	6	5	4	5	3	3	3	5	3	2	5	4	2	2	2	3	0	6	9	9	8	1	0
5902	5	5	4	5	3	2	6	6	5	5	3	5	5	2	4	2	3	0	5	9	8	9	1	8
5921	5	5	4	4	3	2	6	6	5	6	3	5	4	2	4	1	3	0	6	9	9	9	1	0
6043	6	6	5	4	3	2	6	6	5	5	3	5	6	2	4	2	3	0	7	9	9	9	1	0
6090	5	6	5	5	3	2	6	6	5	5	3	5	5	1	4	1	3	0	6	9	9	8	1	0
6198	4	3	4	7	3	2	5	5	4	6	2	3	6	1	4	1	9	0	6	9	9	9	1	0
6223	5	5	4	5	3	3	6	5	5	5	2	5	4	1	4	1	3	9	6	9	9	5	1	0
6262	5	5	4	5	4	3	6	6	5	6	2	5	5	1	4	1	3	8	6	8	9	7	1	0
6312	4	4	4	3	4	2	6	5	4	5	3	5	5	1	2	3	3	0	6	9	9	9	1	5
6315	5	5	4	5	4	3	6	5	4	5	3	5	6	1	1	1	3	0	6	9	9	9	1	0
6316	5	6	4	6	4	3	6	6	5	6	4	5	6	1	1	1	3	0	6	9	9	9	1	0
6319	5	5	4	6	4	3	6	6	6	5	3	5	5	1	4	1	3	0	6	9	9	9	1	0
6321	5	5	4	4	4	3	4	4	5	5	4	5	5	1	1	1	3	0	6	9	9	9	1	0
6322	5	6	4	4	4	2	6	6	4	5	3	5	5	1	1	1	3	0	6	9	8	9	1	5
6325	5	6	5	5	4	3	6	6	4	6	3	4	6	1	4	1	3	0	6	9	9	9	1	3
6326	5	6	5	4	3	3	6	6	5	6	3	5	7	1	1	1	3	0	7	9	9	9	1	5
6327	5	5	4	3	4	2	5	5	5	5	5	4	4	1	4	1	3	0	7	9	9	9	1	5

Table 42. Fusarium wilt resistant accessions of cultivated species with other attributes.

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
5032	5	5	4	3	5	2	5	4	4	4	4	5	6	2	2	2	6	3	9	9	9	3	1	0
5411	5	5	5	5	3	2	4	4	5	4	3	5	7	1	2	1	7	2	6	9	9	5	1	0
5498	5	6	4	4	3	2	6	6	4	6	3	5	5	1	2	1	5	3	8	9	9	9	1	0

Table 43. Cold tolerant accessions of cultivated species with other attributes.

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
794	4	4	4	5	3	3	4	4	4	4	5	5	5	1	4	3	7	7	9	9	7	3	1	0
1071	5	5	5	5	5	3	3	5	7	6	5	4	4	1	4	1	7	0	7	8	9	3	1	0
1251	5	5	4	5	4	3	5	4	4	3	2	6	4	2	4	1	9	0	9	8	7	3	1	0
1256	5	5	4	6	4	3	4	4	4	3	1	6	4	2	1	1	9	0	9	8	8	3	1	0
1444	6	5	5	5	5	3	4	4	4	3	2	6	5	1	3	1	9	0	7	9	8	3	1	0
1455	4	5	4	6	4	3	5	4	4	4	2	5	5	1	2	1	9	0	9	9	9	3	1	0
1464	5	5	4	6	4	3	6	5	3	4	1	5	6	1	4	1	9	0	9	9	9	3	1	0
1875	5	4	5	4	4	3	6	5	4	5	1	5	6	1	2	1	9	0	9	9	8	3	1	0
3465	5	4	5	4	5	2	4	6	7	5	3	5	2	1	4	1	8	0	7	9	9	3	1	0
3470	5	5	5	4	5	3	4	5	6	5	3	4	3	1	4	1	9	0	5	9	7	3	1	0
3598	5	4	5	6	4	3	5	5	4	4	5	5	5	1	4	1	8	0	9	8	9	3	1	0
3746	4	4	4	6	3	3	6	5	4	3	2	6	4	1	2	1	9	0	9	9	9	3	1	0
3747	4	4	4	6	3	3	6	5	3	2	1	6	4	1	4	1	9	0	9	9	9	3	1	0
3791	4	4	4	4	4	3	5	5	4	5	3	5	5	2	4	2	8	0	9	9	9	3	1	0
3857	4	5	5	5	4	3	5	5	4	4	5	5	4	1	4	1	8	0	9	9	8	3	1	0
3861	5	6	6	4	4	3	4	5	7	6	3	4	5	2	4	2	7	0	7	9	9	3	1	0
5039	5	6	4	5	5	2	5	5	4	5	3	5	6	1	1	1	6	9	7	9	9	3	1	0
5085	5	5	4	4	5	2	4	4	5	4	4	5	4	1	1	1	4	9	9	9	7	3	1	0
6202	5	5	5	4	4	2	5	6	6	6	3	3	4	1	1	1	5	8	6	8	9	3	1	0
6257	4	4	4	7	3	3	7	6	5	6	3	5	6	1	4	1	5	9	6	8	9	3	1	0

Table 44. Wild Cicer accessions with the tallest plants with other attributes.

ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL
29-2	5	4	1	5	3	5	5	4	4	5	4	1	1	1	4	4	4	8	9	4

Table 45. Wild Cicer accessions with the highest biological yield with other attributes.

ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL
36/3	4	5	6	5	4	1	1	4	3	3	3	1	5	1	9	1	0	7	9	3
42/2	5	6	4	7	4	1	2	4	3	4	5	1	5	3	7	1	0	0	3	2

Table 46. Wild Cicer accessions with the highest seed yield with other attributes.

ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL
32-2	5	6	2	7	4	5	1	4	1	3	3	1	5	3	7	1	5	4	3	2
36/3	4	5	6	5	4	1	1	4	3	3	3	1	5	1	9	1	0	7	9	3
39	5	5	5	6	5	5	1	4	2	3	5	1	7	3	4	1	0	1	9	4

Table 47. Wild Cicer accessions with the largest number of seed/m<sup>2</sup> with other attributes.

ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL
20/1	3	3	6	6	5	4	5	5	1	5	4	1	6	1	5	1	0	8	9	9
32-2	5	6	2	7	4	5	1	4	1	3	3	1	5	3	7	1	5	4	3	2

Table 48. Wild Cicer accessions with the highest protein content with other attributes.

ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL
33/S-6	3	3	4	5	4	5	5	5	4	5	1	1	6	1	3	6	2	1	9	8



Table 49. Ascochyta blight resistant accessions of wild species with other attributes.

ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL
4/5	4	4	6	5	5	4	5	6	4	5	4	1	5	1	3	1	2	8	9	9
4-1	5	4	6	3	3	5	5	4	3	5	6	1	8	1	3	9	3	8	9	5
4-2	5	3	5	3	4	5	5	6	5	5	4	1	7	1	3	1	3	8	9	9
7-1	5	6	4	5	4	3	3	3	4	3	4	1	7	3	3	1	5	1	1	1
7-2	0	0	0	0	0	4	4	4	5	4	5	1	7	3	3	1	5	2	1	2
7-4	6	6	5	4	4	3	3	3	4	3	8	1	7	3	3	1	5	3	1	2
7-5	5	4	6	3	3	5	5	5	5	5	5	1	8	1	3	9	3	9	9	3
7/S-1	6	6	3	5	4	2	2	4	3	3	4	1	5	3	3	1	5	2	1	2
7/S-3	6	6	3	5	4	4	4	4	5	3	4	1	5	3	3	1	5	5	1	2
7/S-4	6	6	4	4	4	4	4	3	5	3	3	1	7	3	3	1	5	3	1	2
7/S-12	5	5	5	4	4	4	4	3	5	3	6	1	5	3	3	3	5	1	1	2
7/S-13	6	6	5	5	4	4	4	4	5	3	4	1	7	3	3	4	0	2	3	2
7/S-14	6	6	4	5	4	4	4	3	4	3	5	1	8	3	3	1	0	1	1	2
7/S-15	5	6	4	5	4	3	3	3	4	3	4	1	5	3	3	1	0	2	1	2
7/S-17	6	6	4	5	4	3	3	3	4	3	5	1	7	3	3	1	0	1	1	2
7/S-18	6	6	4	4	4	3	3	3	4	3	5	1	7	3	3	1	0	1	3	2
8-2	5	4	5	3	3	5	5	5	5	5	0	1	8	1	3	-	3	8	9	8
8-4	5	6	4	4	4	3	3	3	4	3	2	1	8	3	3	-	0	5	3	2
9/1	5	4	4	3	3	5	5	5	5	5	6	1	8	1	3	-	4	9	9	8
9/2	5	4	3	3	3	5	5	5	5	5	4	1	8	1	3	-	4	8	9	4
9/3	5	4	5	3	3	5	5	4	5	5	4	1	8	1	3	-	4	8	8	7
9/S-1	5	4	5	3	3	5	5	4	5	5	4	1	8	1	3	-	3	9	9	6
9/S-2	5	4	6	3	3	5	5	6	5	5	3	1	7	1	3	9	4	4	8	8
19-2	4	3	2	5	5	4	5	5	3	5	4	1	6	1	3	5	2	2	9	9
20/3	0	0	0	0	0	0	0	0	0	0	0	1	-	1	3	4	0	5	8	9
20/S-1	3	3	5	4	5	5	5	5	4	5	4	1	6	1	3	1	0	8	8	9
20/S-2	4	3	3	3	5	5	5	5	6	5	4	1	6	1	3	1	0	8	8	9
20/S-3	5	4	5	3	3	5	5	5	5	5	6	1	8	1	3	7	3	8	9	6
20/S-4	2	3	3	5	5	5	5	5	3	5	3	1	6	1	3	1	2	2	8	8
20/S-6	5	4	5	3	3	5	5	4	5	5	5	1	8	1	3	-	3	8	9	6

Table 49. Cont.

ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL
29-1	5	4	2	4	3	5	5	5	4	5	4	1	8	1	3	6	3	8	9	5
29/S-1	3	3	5	6	5	5	5	6	4	5	4	1	6	1	3	1	3	8	8	9
29/S-2	5	4	3	5	3	5	5	4	4	5	4	1	1	1	3	1	4	8	9	5
29/S-4	5	4	4	4	3	5	5	4	5	5	4	1	1	1	3	5	3	8	9	7
29/S-7	4	4	3	5	4	5	5	4	4	5	5	1	1	1	3	5	4	2	9	5
29/S-9	5	5	3	5	4	5	5	4	4	5	4	1	1	1	3	4	4	8	9	3
29/S-10	5	4	4	5	4	5	5	4	5	5	5	1	1	1	3	7	4	8	9	3
30-1	5	4	3	4	3	5	5	5	5	5	4	1	8	1	2	-	3	8	9	4
30-2	3	3	5	6	5	5	5	5	5	5	5	1	6	1	2	1	2	8	8	9
30-3	5	4	4	5	4	5	5	4	4	5	5	1	1	1	3	7	4	8	9	7
30/S-1	3	3	5	7	5	5	5	5	3	5	4	1	7	1	2	4	2	9	9	8
30/S-2	6	5	4	4	3	5	5	5	6	5	4	1	1	1	3	9	4	8	9	5
31-2	3	3	5	3	4	5	5	6	6	5	0	1	6	1	3	4	2	8	8	6
31-4	3	3	5	5	5	5	5	5	3	5	5	1	6	1	2	1	2	8	8	9
31/S-1	4	3	5	6	5	5	5	5	4	5	0	1	7	1	2	-	2	6	8	9
31/S-2	3	3	3	4	5	5	5	6	5	5	6	1	6	1	3	3	2	8	8	9
33/S-2	5	4	4	4	3	5	5	4	5	5	4	1	1	1	3	7	3	8	9	6
33/S-3	5	4	4	4	3	5	5	5	5	5	5	1	1	1	3	9	3	9	9	6
33/S-4	5	4	4	3	3	5	5	6	6	5	4	1	1	1	3	1	3	2	9	5
33/S-5	5	4	4	4	3	5	5	5	5	5	6	1	1	1	3	1	3	8	9	8
33/S-6	3	3	4	5	4	5	5	5	4	5	1	1	6	1	3	6	2	1	9	8
33/S-8	3	3	4	6	4	4	5	5	3	5	2	1	6	1	3	1	2	1	9	8
33/S-9	3	3	4	6	4	4	5	5	2	5	0	1	6	1	3	4	2	8	9	8
33/S-10	3	3	4	4	3	5	5	6	5	5	0	1	6	1	3	1	2	1	9	9
34/S-1	6	6	5	6	4	3	4	4	4	4	3	1	5	3	3	1	0	1	8	3
34/S-2	6	6	5	6	4	4	4	4	5	4	2	1	5	3	3	1	4	5	3	2
35/S-1	6	6	5	6	4	4	4	4	5	4	2	1	5	3	3	1	4	5	3	2
37/S-1	4	4	3	3	6	5	5	5	6	5	0	2	7	2	3	-	0	4	9	9
38/S-1	3	3	5	5	4	5	5	4	5	5	4	1	6	1	3	1	3	8	9	8
38/S-2	3	3	5	6	4	4	5	5	3	5	3	1	6	1	3	1	3	1	8	9

Table 49. Cont.

ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL
38/S-3	2	3	5	6	5	5	5	6	4	5	4	1	6	1	3	1	3	7	9	9
38/S-4	3	3	5	4	4	5	5	6	5	5	0	1	6	1	3	1	2	8	9	9
40	0	0	0	0	0	0	0	0	0	0	0	2	-	2	3	-	0	6	9	9
41/1	4	5	5	5	4	5	5	6	5	5	3	1	6	1	3	1	0	7	9	9
41/2	4	4	4	4	4	6	5	6	6	5	0	1	6	1	3	1	2	8	9	8
43/1	4	4	4	4	4	6	5	6	6	5	5	1	6	1	3	1	2	7	9	9
43/2	4	5	5	4	4	6	5	7	6	5	0	1	6	1	3	1	2	6	9	9
44/2	5	6	5	4	4	6	5	6	6	5	0	1	6	1	3	-	2	8	9	9
45	4	4	5	5	4	5	5	6	5	5	5	1	6	1	3	-	2	8	9	9
46	6	4	5	5	4	5	5	6	4	5	6	1	6	1	3	1	2	1	9	9
47/1	4	3	3	5	4	5	5	7	6	0	0	1	6	1	3	-	3	7	9	9
47/2	5	4	5	4	3	5	5	5	5	5	0	1	6	1	3	1	3	6	9	9
48/1	4	4	5	4	4	5	5	6	5	5	4	1	6	1	3	1	0	8	8	9
48/2	4	5	5	6	4	5	5	6	4	5	0	1	6	1	3	1	2	6	8	9
48/3	5	5	5	5	3	5	5	6	6	5	0	1	6	1	3	1	2	9	9	9
49/1	4	5	5	3	3	5	5	4	5	5	4	1	1	1	3	4	3	9	8	4
49/2	3	4	5	4	3	5	5	4	4	5	3	1	1	1	3	1	3	8	8	4
50/1	6	5	4	5	4	5	5	6	6	4	0	1	6	1	3	1	2	8	9	9

Table 50. Leaf miner resistant accessions of wild Cicer with other attributes.

ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL
3-1/2	5	4	6	4	5	5	5	6	5	5	3	1	7	1	7	6	2	1	9	9
4/1	4	4	5	5	5	5	5	5	4	5	5	1	6	1	9	6	2	7	8	3
4/3	4	3	5	5	5	5	5	5	3	5	4	1	6	1	9	1	2	8	8	9
4/4	5	4	6	3	5	5	5	6	5	5	4	1	6	1	9	1	2	4	9	9
4/5	4	4	6	5	5	4	5	6	4	5	4	1	5	1	3	1	2	8	9	9
4-1	5	4	6	3	3	5	5	4	3	5	6	1	8	1	3	9	3	8	9	5
4-2	5	3	5	3	4	5	5	6	5	5	4	1	7	1	3	1	3	8	9	9
7-5	5	4	6	3	3	5	5	5	5	5	5	1	8	1	3	9	3	9	9	3
8-2	5	4	5	3	3	5	5	5	5	5	0	1	8	1	3	-	3	8	9	8
9/S-1	5	4	5	3	3	5	5	4	5	5	4	1	8	1	3	-	3	9	9	6
16/2	3	3	6	4	5	5	5	4	4	5	4	1	6	1	6	4	3	9	9	9
19-1	5	4	5	3	4	5	5	5	4	5	5	1	8	1	5	-	3	8	9	7
19-2	4	3	2	5	5	4	5	5	3	5	4	1	6	1	3	5	2	2	9	9
20/2	4	3	5	2	4	5	5	5	4	5	4	1	5	1	5	4	2	2	9	4
20/S-3	5	4	5	3	3	5	5	5	5	5	6	1	8	1	3	7	3	8	9	6
20/S-4	2	3	3	5	5	5	5	5	3	5	3	1	6	1	3	1	2	2	8	8
20/S-5	2	3	5	5	5	4	5	5	3	5	3	1	6	1	5	1	2	2	9	8
20/S-6	5	4	5	3	3	5	5	4	5	5	5	1	8	1	3	-	3	8	9	6
22-1	4	4	4	4	3	5	5	5	5	5	3	1	8	1	5	-	3	8	9	5
23/3	0	0	0	0	0	0	0	0	0	0	0	1	-	1	-	-	2	7	9	7
29-1	5	4	2	4	3	5	5	5	4	5	4	1	8	1	3	6	3	8	9	5
29/S-1	3	3	5	6	5	5	5	6	4	5	4	1	6	1	3	1	3	8	8	9
29/S-4	5	4	4	4	3	5	5	4	5	5	4	1	1	1	3	5	3	8	9	7
29/S-5	4	4	6	4	5	6	5	4	5	5	5	1	6	1	5	1	2	9	8	7
30-1	5	4	3	4	3	5	5	5	5	5	4	1	8	1	2	-	3	8	9	4
30-2	3	3	5	6	5	5	5	5	5	5	5	1	6	1	2	1	2	8	8	9
30/S-1	3	3	5	7	5	5	5	5	3	5	4	1	7	1	2	4	2	9	9	8
31-2	3	3	5	3	4	5	5	6	6	5	0	1	6	1	3	4	2	8	8	6
31-3	3	3	6	5	5	5	5	5	4	5	6	1	6	1	5	1	2	8	8	9
31-4	3	3	5	5	5	5	5	5	3	5	5	1	6	1	2	1	2	8	8	9

Table 50. Cont.

ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL
31/S-1	4	3	5	6	5	5	5	5	4	5	0	1	7	1	2	-	2	6	8	9
31/S-2	3	3	3	4	5	5	5	6	5	5	6	1	6	1	3	3	2	8	8	9
33/S-1	3	3	4	6	4	5	5	5	4	5	0	1	5	1	7	1	2	5	9	9
33/S-2	5	4	4	4	3	5	5	4	5	5	4	1	1	1	3	7	3	8	9	6
33/S-3	5	4	4	4	3	5	5	5	5	5	5	1	1	1	3	9	3	9	9	6
33/S-4	5	4	4	3	3	5	5	6	6	5	4	1	1	1	3	1	3	2	9	5
33/S-5	5	4	4	4	3	5	5	5	5	5	6	1	1	1	3	1	3	8	9	8
33/S-6	3	3	4	5	4	5	5	5	4	5	1	1	6	1	3	6	2	1	9	8
33/S-8	3	3	4	6	4	4	5	5	3	5	2	1	6	1	3	1	2	1	9	8
33/S-9	3	3	4	6	4	4	5	5	2	5	0	1	6	1	3	4	2	8	9	8
33/S-10	3	3	4	4	3	5	5	6	5	5	0	1	6	1	3	1	2	1	9	9
35/S-2	5	5	5	5	4	2	2	3	4	3	4	1	7	3	5	1	3	0	9	4
37/S-2	2	3	5	6	5	5	5	4	4	5	5	1	6	1	5	4	2	7	8	8
37/7	4	4	3	4	6	5	5	5	5	5	0	2	5	2	8	-	2	1	9	5
38/S-1	3	3	5	5	4	5	5	4	5	5	4	1	6	1	3	1	3	8	9	8
38/S-2	3	3	5	6	4	4	5	5	3	5	3	1	6	1	3	1	3	1	9	9
38/S-3	2	3	5	6	5	5	5	6	4	5	4	1	6	1	3	1	3	7	9	9
38/S-4	3	3	5	4	4	5	5	6	5	5	0	1	6	1	3	1	2	8	9	9
41/2	4	4	4	4	4	6	5	6	6	5	0	1	6	1	3	1	2	8	9	8
43/1	4	4	4	4	4	6	5	6	6	5	5	1	6	1	3	1	2	7	9	9
43/2	4	5	5	4	4	6	5	7	6	5	0	1	6	1	3	1	2	6	9	9
44/2	5	6	5	4	4	6	5	6	6	5	0	1	6	1	3	-	2	8	9	9
45	4	4	5	5	4	5	5	6	5	5	5	1	6	1	3	-	2	8	9	9
46	6	4	5	5	4	5	5	6	4	5	6	1	6	1	3	1	2	1	9	9
47/1	4	3	3	5	4	5	5	7	6	0	0	1	6	1	3	-	3	7	9	9
47/2	5	4	5	4	3	5	5	5	5	5	0	1	6	1	3	1	3	6	9	9
48/2	4	5	5	6	4	5	5	6	4	5	0	1	6	1	3	1	2	6	8	9
48/3	5	5	5	5	3	5	5	6	6	5	0	1	6	1	3	1	2	9	9	9
49/1	4	5	5	3	3	5	5	4	5	5	4	1	1	1	3	4	3	9	8	4
49/2	3	4	5	4	3	5	5	4	4	5	3	1	1	1	3	1	3	8	8	4
50/1	6	5	4	5	4	5	5	6	6	4	0	1	6	1	3	1	2	8	9	9

Table 51. *Callosobruchus chinensis* resistant accessions of wild Cicer with other attributes.

ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/R	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CK	COL
3-1/2	5	4	6	4	5	5	5	6	5	5	3	1	7	1	7	6	2	1	9	9
7-1	5	6	4	5	4	3	3	3	4	3	4	1	7	3	3	1	5	1	1	1
7-2	0	0	0	0	0	4	4	4	5	4	5	1	7	3	3	1	5	2	1	2
7-4	6	6	5	4	4	3	3	3	4	3	8	1	7	3	3	1	5	3	1	2
7/S-1	6	6	3	5	4	2	2	4	3	3	4	1	5	3	3	1	5	2	1	2
7/S-4	6	6	4	4	4	4	4	3	5	3	3	1	7	3	3	1	5	3	1	2
7/S-5	5	5	4	5	4	3	3	3	4	3	3	1	8	3	5	1	0	1	1	2
7/S-11	6	5	4	5	4	4	4	4	5	4	4	1	7	3	6	1	5	1	1	2
7/S-12	5	5	5	4	4	4	4	3	5	3	6	1	5	3	3	3	5	1	1	2
7/S-13	6	6	5	5	4	4	4	4	5	3	4	1	7	3	3	4	0	2	3	2
7/S-14	6	6	4	5	4	4	4	3	4	3	5	1	8	3	3	1	0	1	1	2
7/S-15	5	6	4	5	4	3	3	3	4	3	4	1	5	3	3	1	0	2	1	2
7/S-17	6	6	4	5	4	3	3	3	4	3	5	1	7	3	3	1	0	1	1	2
7/S-18	6	6	4	4	4	3	3	3	4	3	5	1	7	3	3	1	0	1	3	2
8-3	6	6	4	5	4	3	3	4	3	4	3	1	7	3	8	1	5	1	3	3
8/S-1	6	6	3	5	4	5	5	4	5	4	4	1	7	3	5	1	0	2	3	2
8/S-3	6	6	4	5	4	3	4	4	4	4	4	1	5	3	5	1	5	3	3	2
19-2	4	3	2	5	5	4	5	5	3	5	4	1	6	1	3	5	2	2	9	9
20/2	4	3	5	2	4	5	5	5	4	5	4	1	5	1	5	4	2	2	9	4
20/S-4	2	3	3	5	5	5	5	5	3	5	3	1	6	1	3	1	2	2	8	8
20/S-5	2	3	5	5	5	4	5	5	3	5	3	1	6	1	5	1	2	2	9	8
21-1/1	5	6	6	5	4	3	4	4	4	4	3	1	6	1	7	4	0	1	7	4
21-1-2/2	5	6	6	4	4	5	5	4	5	3	4	1	6	1	6	1	0	3	8	3
21-2/5	5	6	5	4	4	4	4	3	5	3	3	1	1	1	6	1	0	2	8	3
29/S-7	4	4	3	5	4	5	5	4	4	5	5	1	1	1	3	5	4	2	9	5
33/S-4	5	4	4	3	3	5	5	6	6	5	4	1	1	1	3	1	3	2	9	5
33/S-6	3	3	4	5	4	5	5	5	4	5	1	1	6	1	3	6	2	1	9	8
33/S-8	3	3	4	6	4	4	5	5	3	5	2	1	6	1	3	1	2	1	9	8
33/S-10	3	3	4	4	3	5	5	6	5	5	0	1	6	1	3	1	2	1	9	9
34/S-1	6	6	5	6	4	3	4	4	4	4	3	1	5	3	3	1	0	1	8	3
35/S-3	6	6	6	5	4	3	3	3	4	3	4	1	7	3	5	1	0	1	9	3
37/7	4	4	3	4	6	5	5	5	5	5	0	2	5	2	8	-	2	1	9	9
38/S-2	3	3	5	6	4	4	5	5	3	5	3	1	6	1	3	1	3	1	8	9
39	5	5	5	6	5	5	1	4	2	3	5	1	7	3	4	1	0	1	9	4
46	6	4	5	5	4	5	5	6	4	5	6	1	6	1	3	1	2	1	9	9

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**LISTING OF PASSPORT INFORMATION**

Please see page 3 for details  
of descriptors used.

PASSPORT INFORMATION ON

LAND RACES



ILC DOOR	DCNO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
1 -	-	ALAD	MBS	-	JOR Zarka	Zarka market
2 -	-	ALAD	MBS	-	JOR Zarka	Zarka market
3 -	-	ALAD	MBS	-	JOR Zarka	Zarka market
4 -	-	ALAD	MBS	-	JOR Zarka	Zarka market
5 -	-	ALAD	MBS	-	JOR Zarka	Zarka market
6 -	-	ALAD	MBS	-	JOR Amman	Amman market
7 -	-	ALAD	MBS	-	JOR Amman	Amman market
8 -	-	ALAD	MBS	-	JOR Amman	Amman market
9 -	-	ALAD	MBS	-	JOR Amman	Amman market
10 -	-	ALAD	MBS	-	JOR Amman	Amman market
11 -	-	ALAD	MBS	-	JOR Mafrak	Mafrak market
12 -	-	ALAD	MBS	-	JOR Mafrak	Mafrak market
13 -	-	ALAD	MBS	-	JOR Mafrak	Mafrak market
14 -	-	ALAD	MBS	-	JOR Rabba	Rabba Res.Station
15 -	-	ALAD	MBS	-	JOR Kark	Kark market
16 -	-	ALAD	MBS	-	JOR Kark	Kark market
17 -	-	ALAD	MBS	-	JOR Kark	Kark market
18 -	-	ALAD	MBS	-	JOR Shawbak	Shawbak Res.Station
19 -	-	ALAD	MBS	-	JOR Shawbak	Shawbak Res.Station
20 -	-	ALAD	MBS	-	JOR El Sahiha	-
21 -	-	ALAD	MBS	-	JOR Salt	Salt market
22 -	-	ALAD	MBS	-	JOR Salt	Salt market
23 -	-	ALAD	MBS	-	JOR Salt	Salt market
24 -	-	ALAD	MBS	-	JOR Salt	Salt market
25 -	-	ALAD	MBS	-	JOR Amman	Amman Res.Station
26 -	-	ALAD	MBS	-	DZA Irbid	Irbid Res.Station
27 -	-	ALAD	MBS	-	DZA Irbid	Irbid Res.Station
28 -	-	ALAD	MBS	-	JOR Jarash	Jarash market
29 -	-	ALAD	MBS	-	JOR Jarash	Jarash market
30 -	-	ALAD	MBS	-	SYR Damascus	Damascus market
31 -	-	ALAD	MBS	-	SYR Damascus	Damascus market
32 -	-	ALAD	MBS	-	SYR Damascus	Damascus market
33 -	-	ALAD	MBS	-	SYR Homs	Homs market
34 -	-	ALAD	MBS	-	SYR Homs	Homs market
35 -	-	ALAD	MBS	-	SYR Aleppo	Aleppo market
36 -	-	ALAD	MBS	-	SYR Azaz	-
37 -	-	ALAD	MBS	-	SYR Azaz	-
38 -	-	ALAD	MBS	-	SYR Hama	-
39 -	-	ALAD	MBS	-	SYR Hama	-
40 -	-	ALAD	MBS	-	SYR El Khamishly	-

ILC DOOR	DOMO	CLOR	COLL	CLHO/PED	ORI PRO/TOWN	LOC/REM
41 -	-	ALAD	MBS	-	SYR El Khamishly	-
42 -	-	ALAD	MBS	-	SYR El Khamishly	-
43 -	-	ALAD	MBS	-	SYR El Khamishly	-
44 -	-	ALAD	MBS	-	SYR El Khamishly	-
45 -	-	ALAD	MBS	-	IRQ El Mousel	El Mousel near Zako
46 -	-	ALAD	MBS	-	IRQ El Mousel	El Mousel Near Zako
47 -	-	ALAD	MBS	-	IRQ El Mousel	El Mousel near Zako
48 -	-	ALAD	MBS	-	IRQ Dahouk	-
49 -	-	ALAD	MBS	-	IRQ Dahouk	-
50 -	-	ALAD	MBS	-	IRQ Dahouk	-
51 -	-	ALAD	MBS	-	IRQ Ain Skini	-
52 -	-	ALAD	MBS	-	IRQ Ain Skini	-
53 -	-	ALAD	MBS	-	IRQ Al Skikani	-
54 -	-	ALAD	MBS	-	IRQ El Mousel	El Mousel near Zako
55 -	-	ALAD	MBS	-	IRQ El Mousel	El Mousel near Zako
56 -	-	ALAD	MBS	-	IRQ Erbil	-
57 -	-	ALAD	MBS	-	IRQ Erbil	-
58 -	-	ALAD	MBS	-	IRQ Erbil	-
59 -	-	ALAD	MBS	-	IRQ Tel Keif	-
60 -	-	ALAD	MBS	-	IRQ Tel Keif	-
61 -	-	ALAD	MBS	-	IRQ Karkouk	-
62 -	-	ALAD	MBS	-	IRQ Karkouk	-
63 -	-	ALAD	MBS	-	IRQ Jenjmel	-
64 -	-	ALAD	MBS	-	IRQ Jenjmel	-
65 -	-	ALAD	MBS	-	IRQ Sulaimaniya	-
66 -	-	ALAD	MBS	-	IRQ Sulaimaniya	-
67 -	-	ALAD	MBS	-	IRQ Sulaimaniya	-
68 -	-	ALAD	MBS	-	IRQ Sulaimaniya	-
69 -	-	ALAD	MBS	-	IRQ Baghdad	Baghdad market
70 -	-	ALAD	MBS	-	IRQ Agra	-
71 -	-	ALAD	MBS	-	IRQ Agra	-
72 INIA	LOT NO.4	-	-	-	-	-
73 INIA	LOT NO.4	-	-	-	-	-
74 INIA	LOT NO.4	-	-	-	-	-
75 INIA	LOT NO.5	-	-	-	-	-
76 INIA	LOT NO.5	-	-	-	-	-
77 INIA	LOT NO.7	-	-	-	-	-
78 INIA	LOT NO.8	-	-	-	-	-
79 INIA	LOT NO.9	-	-	-	-	-
80 INIA	LOT NO.10	-	-	-	-	-

ILC DOOR	DONO	CLOR	COLL	CLSO/FED	ORI	PRO/TOWN	LOC/REM
81	INIA LOT NO.10	-	-	-	-	-	-
82	INIA LOT NO.11	-	-	-	-	-	-
83	INIA LOT NO.13	-	-	-	-	-	-
84	INIA LOT NO.14	-	-	-	-	-	-
85	INIA LOT NO.15	-	-	-	-	-	-
86	INIA LOT NO.15	-	-	-	-	-	-
87	INIA LOT NO.15-1	-	-	-	-	-	-
88	INIA LOT NO.16	-	-	-	-	-	-
89	INIA LOT NO.17	-	-	-	-	-	-
90	INIA LOT NO.19	-	-	-	-	-	-
91	INIA LOT NO.19	-	-	-	-	-	-
92	INIA LOT NO.20	-	-	-	-	-	-
93	INIA LOT NO.20	-	-	-	-	-	-
94	INIA LOT NO.20	-	-	-	-	-	-
95	INIA LOT NO.22	-	-	-	-	-	-
96	INIA LOT NO.23	-	-	-	-	-	-
97	INIA LOT NO.24	-	-	-	-	-	-
98	INIA LOT NO.24-1	-	-	-	-	-	-
99	INIA LOT NO.25	-	-	-	-	-	-
100	INIA LOT NO.27	-	-	-	-	-	-
101	INIA LOT NO.27-1	-	-	-	-	-	-
102	INIA LOT NO.28	-	-	-	-	-	-
103	INIA LOT NO.28	-	-	-	-	-	-
104	INIA LOT NO.35	-	-	-	-	-	-
105	INIA LOT NO.37	-	-	-	-	-	-
106	INIA LOT NO.38	-	-	-	-	-	-
107	INIA LOT NO.38-1	-	-	-	-	-	-
108	INIA LOT NO.42	-	-	-	-	-	-
109	INIA LOT NO.42	-	-	-	-	-	-
110	INIA LOT NO.43	-	-	-	-	-	-
111	INIA LOT NO.46	-	-	-	-	-	-
112	INIA LOT NO.47	-	-	-	-	-	-
113	INIA LOT NO.51	-	-	-	-	-	-
114	INIA LOT NO.52	-	-	-	-	-	-
115	INIA LOT NO.54	-	-	-	-	-	-
116	INIA LOT NO.58	-	-	-	-	-	-
117	INIA LOT NO.68	-	-	-	-	-	-
118	INIA LOT NO.77	-	-	-	-	-	-
119	INIA LOT NO.80	-	-	-	-	-	-
120	INIA LOT NO.81	-	-	-	-	-	-

ILC	DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REK
121	INIA	LOT NO.82	-	-	-	-	-	-
122	INIA	LOT NO.85	-	-	-	-	-	-
123	INIA	LOT NO.91	-	-	-	-	-	-
124	INIA	LOT NO.92	-	-	-	-	-	-
125	INIA	LOT NO.93	-	-	-	-	-	-
126	INIA	LOT NO.97	-	-	-	-	-	-
127	INIA	LOT NO.100	-	-	-	-	-	-
128	INIA	LOT NO.101	-	-	-	-	-	-
129	INIA	LOT NO.105	-	-	-	-	-	-
130	INIA	LOT NO.106	-	-	-	-	-	-
131	INIA	LOT NO.107	-	-	-	-	-	-
132	INIA	LOT NO.111	-	-	-	-	-	-
133	INIA	LOT NO.123-1	-	-	-	-	-	-
134	INIA	LOT NO.124	-	-	-	-	-	-
135	INIA	LOT NO.125	-	-	-	-	-	-
136	INIA	LOT NO.126	-	-	-	-	-	-
137	INIA	LOT NO.1100	-	-	-	-	-	-
138	INIA	LOT NO.1155	-	-	-	-	-	-
139	CC	LOT NO.1	-	-	-	-	-	-
140	INIA	LOT NO.2	-	-	-	-	-	-
141	-	-	-	-	El Trivnfo	ESP	Toledo;Madrid	-
142	-	-	-	-	El Trivnfo	ESP	Toledo;Madrid	-
143	-	-	-	-	El Trivnfo	ESP	Toledo;Madrid	-
144	-	-	-	-	El Bueno Gusto	ESP	Basco de Avila Madrid	-
145	-	-	-	-	El Bueno Gusto	FSP	Basco de Avila Madrid	-
146	-	-	-	-	Cava Baja 8	ESP	Madrid	-
147	-	-	-	-	Cava Baja 8	ESP	Madrid	-
148	-	-	-	-	El conejo	ESP	Madrid	-
149	-	-	-	-	El Conejo	ESP	Madrid	-
150	-	-	-	-	El Conejo	ESP	Madrid	-
151	IFC	-	-	-	M-1690	GRC	Larissa	-
152	IFC	-	-	-	M-10544	GRC	Larissa	-
153	IFC	-	-	-	M-10544	GRC	Larissa	-
154	IFC	-	-	-	M-10544	GRC	Larissa	-
155	IFC	-	-	-	M-10544	GRC	Larissa	-
156	INRA-T	-	-	-	A-64-6-B	TUN	-	-
157	INRA-T	-	-	-	A-64-8	TUN	-	-
158	INRA-T	-	-	-	A-64-8	TUN	-	-
159	INRA-T	-	-	-	A-64-8	TUN	-	-
160	INRA-T	-	-	-	BB-64-2A	TUN	-	-

ILC	DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWNE	LOC/REM
161	INRA-T	-	-	-	BB-64-3A	TUN	-	-
162	INRA-T	-	-	-	BB-64-3A	TUN	-	-
163	INRA-T	-	-	-	BB-64-3A	TUN	-	-
164	INRA-T	-	-	-	BEJA 64-6	TUN	-	-
165	INRA-T	-	-	-	PC 73	TUN	-	-
166	INRA-T	-	-	-	PC 74	TUN	-	-
167	INRA-T	-	-	-	PC 74	TUN	-	-
168	INRA-T	-	-	-	T 19-E 37 H	TUN	-	-
169	INRA-T	-	-	-	T 19 ET E 37D	TUN	-	-
170	INRA-T	-	-	-	T 19 ET E 37D	TUN	-	-
171	INRA-T	-	-	-	T 19 ET 37 F	TUN	KAI	-
172	INRA-T	-	DUSL	-	-	TUN	Dusseltia Kairouam	-
173	INRA-T	PC 72	-	-	-	TUN	-	-
174	INRA-M	NO. 9	-	-	-	MAR	-	-
175	INRA-M	NO. 31	-	-	-	MAR	-	-
176	INRA-M	NO. 57	-	-	-	MAR	-	-
177	INRA-M	NO. 63	-	-	-	MAR	-	-
178	INRA-M	NO. 44	-	-	-	MAR	-	-
179	INRA-M	NO. 46	-	-	-	MAR	-	-
180	INRA-M	NO. 46	-	-	-	MAR	-	-
181	INRA-M	NO. 55	-	-	-	MAR	-	-
182	IPI	Teninakanskij 031	-	-	Armenia 1207	SUN	Armenia	-
183	IPI	Teninakanskij 031	-	-	Armenia 1207	SUN	Armenia	-
184	-	Drepravsvij 1	-	-	Ukraine 1183	SUN	Ukraine	-
185	-	Krasnogradckaja 4	-	-	Ukraine 1207	SUN	Ukraine	-
186	-	Krasnogradckaja 4	-	-	Ukraine 1207	SUN	Ukraine	-
187	-	-	-	-	Uzbekistan 16	SUN	Uzbekistan	-
188	-	Miliretinskij 4	-	-	Uzbekistan 1182	SUN	Uzbekistan	-
189	-	Bulgaria 400	-	-	Sreducaziatskij 4	BGR	Sreducaziatskij	-
190	-	Kievskij 120	-	-	Pajikistan 1215	SUN	Pajikistan	-
191	-	Vysokoroshyj 30	-	-	Krasvadar Territory 1286	SUN	Krasvadar	-
192	-	Vysokoroshyj 30	-	-	Krasvadar Territory 1286	SUN	Krasvadar	-
193	-	Vysokoroshyj 30	-	-	Krasvadar Territory 1286	SUN	Krasvadar	-
194	-	Vysokoroshyj 30	-	-	Krasvadar Territory 1286	SUN	Krasvadar	-
195	-	Vysokoroshyj 30	-	-	Krasvadar Territory 1286	SUN	Krasvadar	-
196	-	Vysokoroshyj 30	-	-	Krasvadar Territory 1258	SUN	Krasvadar	-
197	-	Yubiljuyj	-	-	Saratov Region 1258	SUN	Saratov	-
198	-	Yubiljuyj	-	-	Saratov Region 1258	SUN	Saratov	-
199	-	Yubiljuyj	-	-	Saratov Territory 1258	SUN	Saratov	-
200	-	Steponj 1	-	-	Krasvadar Territory 1335	SUN	Krasvadar	-

ILC DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI PRO/TOWA	LOC/REM
201 IPI	VYR 32	-	-	Krasvadar Territory 1403	SUN Krasvadar	-
202 IPI	VYR 32	-	-	Krasvadar Territory 1403	SUN Krasvadar	-
203 -	-	-	-	-	SDN Wad Medani	-
204 -	-	-	-	-	SDN Wad Medani	-
205 -	-	-	-	-	SDN Wad Medani	-
206 -	-	-	-	-	SDN Wad Medani	-
207 WRPIS	PI 203142	-	-	-	JOR -	-
208 WRPIS	PI 211722	-	-	NO 12946	AFG Herat	Market sample
209 WRPIS	PI 211722	-	-	NO 12946	AFG Herat	Market sample
210 WRPIS	PI 212595	-	-	NO 13095	AFG Jalalabad;Mangarhar	Market sample
211 WRPIS	PI 214311	-	-	NO 13595	IND Dehradun;Uttar Pradesh	Market sample
212 WRPIS	PI 214314	-	-	NO 13689	IND Moga;Punjab	Market sample
213 WRPIS	PI 215702	-	-	no 403	PER Tingo Maria	Market sample
214 WRPIS	PI 222770	-	-	NO.1618	IRN Azerbaijan	-
215 WRPIS	PI 222770	-	-	-	IRN -	-
216 WRPIS	PI 249981	-	-	COLL.NO.K 822	IRN -	-
217 WRPIS	PI 249982	-	-	COLL.NO.K 841	IRN -	-
218 WRPIS	PI 249982	-	-	COLL.NO.K 841	IRN -	-
219 WRPIS	PI 250143	-	-	COLL.NO.K 516	PAK Peshawar	Market sample
220 WRPIS	PI 250144	-	-	COLL.NO.K 573	PAK Campbellpur	Market sample
221 WRPIS	PI 251024	-	-	COOL.NO.K 651	AFG -	Market sample
222 WRPIS	PI 251025	-	-	COLL.NO.K 459	IRN Terrace Margin	-
223 WRPIS	PI 251025	-	-	COLL.NO.K 459	IRN Terrace Margin	-
224 WRPIS	PI 251026	-	-	COLL.NO.K 1396	IRN Esfahan	-
225 WRPIS	PI 251026	-	-	COLL.NO.K 1396	IRN Esfahan	-
226 WRPIS	PI 251027	-	-	COLL.NO.K 1572	IRN Ardebil	-
227 WRPIS	PI 251514	-	-	COLL.NO.K 1448	IRN Nakhodsiah Esfahan	-
228 WRPIS	PI 253226	-	-	COLL.NO.K 1864	TUR Eskisehir	-
229 WRPIS	PI 253227	-	-	COLL.NO.K 1886	TUR Bursa	-
230 WRPIS	PI 253228	-	-	COLL.NO.K 1887	TUR Bursa	-
231 WRPIS	PI 253228	-	-	COLL.NO.K 1887	TUR Bursa	-
232 WRPIS	PI 254547	-	-	COLL.NO.K 1141	SYR Damascus	-
233 WRPIS	PI 254548	-	-	COLL.NO.1142	SYR Damascus	-
234 WRPIS	PI 254549	-	-	COLL.NO.K 1309	IRQ Sulaimaniya	-
235 WRPIS	PI 254549	-	-	COLL.NO.K 1309	IRQ Sulaimaniya	-
236 WRPIS	PI 254550	-	-	COLL.NO.K 1713	AFG Kabul	-
237 WRPIS	PI 254889	-	-	COLL.NO.K 2187	ESP Talavera de Lareina	-
238 WRPIS	PI 254889	-	-	COLL.NO.K 2187	ESP Talavera de Lareina	-
239 WRPIS	PI 257584	-	-	-	ETH -	-
240 WRPIS	PI 268376	-	-	COLL.NO.290	AFG Kabul	-

I/LC	DOOR	DONO	CLOR	COLL	CLRO/PED	ORI	PRO/TOWN	LOC/REM
241	WRPIS	PI 292006	-	-	Local Improved	PAL	-	-
242	WRPIS	PI 292006	-	-	Local Improved	PAL	-	-
243	WRPIS	PI 297270	-	-	Gram NP28	IND	-	-
244	WRPIS	PI 315781	-	-	15401XXIII	IND	-	-
245	WRPIS	PI 315786	-	-	C 104	IND	-	-
246	WRPIS	PI 315816	-	-	NP2	IND	-	-
247	WRPIS	PI 315816	-	-	NP2	IND	-	-
248	WRPIS	PI 315818	-	-	NP27	IND	-	-
249	WRPIS	PI 315818	-	-	NP27	IND	-	-
250	WRPIS	PI 315828	-	-	T2	IND	-	-
251	WRPIS	PI 339144	-	-	4N-17/6-4	TUR	Oluk Ozu	-
252	WRPIS	PI 339154	-	-	4N-28/4-4	TUR	Cesma Agagi	-
253	WRPIS	PI 339162	-	-	4N-34/1-1	TUR	Kirikkale	-
254	WRPIS	PI 339185	-	-	4N-46/3-3	TUR	-	-
255	WRPIS	PI 339186	-	-	4N-47/1-5	TUR	Kabalak Dinar	-
256	WRPIS	PI 339188	-	-	4N-47/3-4	TUR	Kabalak Dinar	-
257	WRPIS	PI 339198	-	-	4N-52/2-3	TUR	-	-
258	WRPIS	PI 339200	-	-	4N-52/3-5	TUR	Kizilea	-
259	WRPIS	PI 339202	-	-	4N-53/1-5	TUR	Derekoy	-
260	WRPIS	PI 339222	-	-	4N-79/1-2	TUR	Tiske	-
261	WRPIS	PI 339223	-	-	4N-82/1-4	TUR	Burc	-
262	WRPIS	PI 339223	-	-	4N-82/1-4	TUR	Burc	-
263	WRPIS	PI 339223	-	-	-	TUR	-	-
264	WRPIS	-	-	-	CP100	TUR	-	-
265	AGRICOL	PI 358924	AGRICOL	-	-	IRN	-	-
266	AGRICOL	PI 358925	AGRICOL	-	-	IRN	-	-
267	AGRICOL	PI 358930	AGRICOL	-	-	IRN	-	-
268	AGRICOL	PI 358931	AGRICOL	-	-	IRN	-	-
269	AGRICOL	PI 358937	AGRICOL	-	-	IRN	-	-
270	-	PI 359054	-	-	12-069-00072	IND	-	-
271	AGRICOL	PI 359199	-	-	12-069-00286	IND	Bihar	-
272	AGRICOL	PI 359228	-	-	12-069-00323	IND	Bihar	-
273	AGRICOL	PI 359399	-	-	12-069-00595	IND	Punjab	-
274	AGRICOL	PI 359431	-	-	12-069-00639	IND	Punjab	-
275	AGRICOL	PI 359669	KANPUR	-	12-069-01253	IND	Kanpur;U.p.	-
276	AGRICOL	PI 359707	KANPUR	-	12-069-01305	IND	Kanpur;U.P.	-
277	AGRICOL	PI 359772	KANPUR	-	12-069-01396	IND	Kanpur;U.P.	-
278	AGRICOL	PI 360188	AGRICOL	-	12-071-02020	IRN	-	-
279	AGRICOL	PI 360189	AGRICOL	-	12-071-02021	IRN	-	-
280	AGRICOL	PI 360190	AGRICOL	-	12-071-02022	IRN	-	-

ILC	DOOR	DO#O	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
281	AGRICOL	PI 360190	AGRICOL	-	12-071-02022	IRN	-	-
282	AGRICOL	PI 360192	AGRICOL	-	12-071-02024	IRN	-	-
283	AGRICOL	PI 360193	AGRICOL	-	12-071-02025	IRN	-	-
284	AGRICOL	PI 360195	AGRICOL	-	12-071-02037	IRN	-	-
285	AGRICOL	PI 360196	AGRICOL	-	12-071-02048	IRN	-	-
286	AGRICOL	PI 360197	AGRICOL	-	12-071-02058	IRN	-	-
287	AGRICOL	PI 360198	AGRICOL	-	12-071-02065	IRN	-	-
288	AGRICOL	PI 360199	AGRICOL	-	12-071-02080	IRN	-	-
289	AGRICOL	PI 360201	AGRICOL	-	12-071-02084	IRN	-	-
290	AGRICOL	PI 360202	AGRICOL	-	12-071-02095	IRN	-	-
291	AGRICOL	PI 360203	AGRICOL	-	12-071-02096	IRN	-	-
292	AGRICOL	PI 360204	AGRICOL	-	12-071-02098	IRN	-	-
293	AGRICOL	PI 360206	AGRICOL	-	12-071-02104	IRN	-	-
294	AGRICOL	PI 360207	AGRICOL	-	12-071-02120	IRN	-	-
295	AGRICOL	PI 360208	AGRICOL	-	12-071-02122	IRN	-	-
296	AGRICOL	PI 360208	AGRICOL	-	12-071-02122	IRN	-	-
297	AGRICOL	PI 360209	AGRICOL	-	12-071-02124	IRN	-	-
298	AGRICOL	PI 360209	AGRICOL	-	12-071-02124	IRN	-	-
299	AGRICOL	PI 360210	AGRICOL	-	12-071-02125	IRN	-	-
300	AGRICOL	PI 360211	AGRICOL	-	12-071-02126	IRN	-	-
301	AGRICOL	PI 360211	AGRICOL	-	12-071-02126	IRN	-	-
302	AGRICOL	PI 360212	AGRICOL	-	12-071-02135	IRN	-	-
303	AGRICOL	PI 360213	AGRICOL	-	12-071-02139	IRN	-	-
304	AGRICOL	PI 360215	AGRICOL	-	12-071-02141	IRN	-	-
305	AGRICOL	PI 360216	AGRICOL	-	12-071-02145	IRN	-	-
306	AGRICOL	PI 360217	AGRICOL	-	12-071-02146	IRN	-	-
307	AGRICOL	PI 360217	AGRICOL	-	12-071-02146	IRN	-	-
308	AGRICOL	PI 360218	AGRICOL	-	12-071-02147	IRN	-	-
309	AGRICOL	PI 360219	AGRICOL	-	12-071-02156	IRN	-	-
310	AGRICOL	PI 360220	AGRICOL	-	12-071-02167	IRN	-	-
311	AGRICOL	PI 360221	AGRICOL	-	12-071-02180	IRN	-	-
312	AGRICOL	PI 360222	AGRICOL	-	12-071-02203	IRN	-	-
313	AGRICOL	PI 360223	AGRICOL	-	12-071-02238	IRN	-	-
314	AGRICOL	PI 360224	AGRICOL	-	12-071-02251	IRN	-	-
315	AGRICOL	PI 360226	AGRICOL	-	12-071-02261	IRN	-	-
316	AGRICOL	PI 360227	AGRICOL	-	12-071-02268	IRN	-	-
317	AGRICOL	PI 360227	AGRICOL	-	12-071-02268	IRN	-	-
318	AGRICOL	PI 360228	AGRICOL	-	12-071-02285	IRN	-	-
319	AGRICOL	PI 360230	AGRICOL	-	12-071-02395	IRN	-	-
320	AGRICOL	PI 360231	AGRICOL	-	12-071-02396	IRN	-	-



ILC DOOR	DONO	CLOR	COLL	FO/PED	ORI PRO/TOWN	LOC/REM
321	AGRICOL PI 360232	AGRICOL -		12-071-02405	IRN -	-
322	AGRICOL PI 360233	AGRICOL -		12-071-02412	IRN -	-
323	AGRICOL PI 360234	AGRICOL -		12-071-02417	IRN -	-
324	AGRICOL PI 360235	AGRICOL -		12-071-02474	IRN -	-
325	AGRICOL PI 360237	AGRICOL -		12-071-02511	IRN -	-
326	AGRICOL PI 360238	AGRICOL -		12-071-02524	IRN -	-
327	AGRICOL PI 360239	AGRICOL -		12-071-02528	IRN -	-
328	AGRICOL PI 360239	AGRICOL -		12-071-02528	IRN -	-
329	AGRICOL PI 360240	AGRICOL -		12-071-02533	IRN -	-
330	AGRICOL PI 360241	AGRICOL -		12-071-02535	IRN -	-
331	AGRICOL PI 360241	AGRICOL -		12-071-02535	IRN -	-
332	AGRICOL PI 360241	AGRICOL -		12-071-02535	IRN -	-
333	AGRICOL PI 360242	AGRICOL -		12-071-02544	IRN -	-
334	AGRICOL PI 360243	AGRICOL -		12-071-02550	IRN -	-
335	AGRICOL PI 360244	AGRICOL -		12-071-02552	IRN -	-
336	AGRICOL PI 360246	AGRICOL -		12-071-02574	IRN -	-
337	AGRICOL PI 360248	AGRICOL -		12-071-02592	IRN -	-
338	AGRICOL PI 360249	AGRICOL -		12-071-02595	IRN -	-
339	AGRICOL PI 360249	AGRICOL -		12-071-02595	IRN -	-
340	AGRICOL PI 360250	AGRICOL -		12-071-02598	IRN -	-
341	AGRICOL PI 360252	AGRICOL -		12-071-02630	IRN -	-
342	AGRICOL PI 360253	AGRICOL -		12-071-02637	IRN -	-
343	AGRICOL PI 360254	AGRICOL -		12-071-02678	IRN -	-
344	AGRICOL PI 360255	AGRICOL -		12-071-02745	IRN -	-
345	AGRICOL PI 360256	AGRICOL -		12-071-02758	IRN -	-
346	AGRICOL PI 360258	AGRICOL -		12-071-02793	IRN -	-
347	AGRICOL PI 360260	AGRICOL -		12-071-02795	IRN -	-
348	AGRICOL PI 360263	AGRICOL -		12-071-02828	IRN -	-
349	AGRICOL PI 360265	AGRICOL -		12-071-02867	IRN -	-
350	AGRICOL PI 360270	AGRICOL -		12-071-02941	IRN -	-
351	AGRICOL PI 360271	AGRICOL -		12-071-02951	IRN -	-
352	AGRICOL PI 360272	AGRICOL -		12-071-02952	IRN -	-
353	AGRICOL PI 360275	AGRICOL -		12-071-03028	IRN -	-
354	AGRICOL PI 360278	AGRICOL -		12-071-03075	IRN -	-
255	AGRICOL PI 360279	AGRICOL -		12-071-03083	IRN -	-
356	AGRICOL PI 360283	AGRICOL -		12-071-03115	IRN -	-
357	AGRICOL PI 360284	AGRICOL -		12-071-03118	IRN -	-
358	AGRICOL PI 360296	AGRICOL -		12-071-03476	IRN -	-
359	AGRICOL PI 360299	AGRICOL -		12-071-03501	IRN -	-
360	AGRICOL PI 360302	AGRICOL -		12-071-03567	IRN -	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWNS	LOC/REM
361	AGRICOL	PI 360303	AGRICOL	-	12-071-03575	IRN	-	-
362	AGRICOL	PI 360306	AGRICOL	-	12-071-03608	IRN	-	-
363	AGRICOL	PI 360306	AGRICOL	-	12-071-03608	IRN	-	-
364	AGRICOL	PI 360307	AGRICOL	-	12-071-03614	IRN	-	-
365	AGRICOL	PI 360311	AGRICOL	-	12-071-03701	IRN	-	-
366	AGRICOL	PI 360313	AGRICOL	-	12-071-03717	IRN	-	-
367	AGRICOL	PI 360315	AGRICOL	-	12-071-03888	IRN	-	-
368	AGRICOL	PI 360318	AGRICOL	-	12-071-03964	IRN	-	-
369	AGRICOL	PI 360318	AGRICOL	-	12-071-03964	IRN	-	-
370	AGRICOL	PI 360318	AGRICOL	-	12-071-03964	IRN	-	-
371	AGRICOL	PI 360320	AGRICOL	-	12-071-04009	IRN	-	-
372	AGRICOL	PI 360323	AGRICOL	-	12-071-04063	IRN	-	-
373	AGRICOL	PI 360325	AGRICOL	-	12-071-04072	IRN	-	-
374	AGRICOL	PI 360325	AGRICOL	-	12-071-04072	IRN	-	-
375	AGRICOL	PI 360327	AGRICOL	-	12-071-04099	IRN	-	-
376	AGRICOL	PI 360327	AGRICOL	-	12-071-04099	IRN	-	-
377	AGRICOL	PI 360328	AGRICOL	-	12-071-04109	IRN	-	-
378	AGRICOL	PI 360333	AGRICOL	-	12-071-04131	IRN	-	-
379	AGRICOL	PI 360335	AGRICOL	-	12-071-04135	IRN	-	-
380	AGRICOL	PI 360336	AGRICOL	-	12-071-04139	IRN	-	-
381	AGRICOL	PI 360336	AGRICOL	-	12-071-04139	IRN	-	-
382	AGRICOL	PI 360345	AGRICOL	-	12-071-04173	IRN	-	-
383	AGRICOL	PI 360351	AGRICOL	-	12-071-04221	IRN	-	-
384	AGRICOL	PI 360356	AGRICOL	-	12-071-04226	IRN	-	-
385	AGRICOL	PI 360391	AGRICOL	-	12-071-04303	IRN	-	-
386	AGRICOL	PI 360392	AGRICOL	-	12-071-04305	IRN	-	-
387	AGRICOL	PI 360393	AGRICOL	-	12-071-04306	IRN	-	-
388	AGRICOL	PI 360417	AGRICOL	-	12-071-04385	IRN	-	-
389	AGRICOL	PI 360418	AGRICOL	-	12-071-04386	IRN	-	-
390	AGRICOL	PI 360517	AGRICOL	-	12-071-05345	IRN	-	-
391	AGRICOL	-	AGRICOL	-	-	IRN	-	-
392	AGRICOL	PI 360594	AGRICOL	-	12-071-06348	IRN	-	-
393	AGRICOL	PI 360597	AGRICOL	-	12-071-06356	IRN	-	-
394	AGRICOL	PI 360598	AGRICOL	-	12-071-06358	IRN	-	-
395	AGRICOL	PI 360602	AGRICOL	-	12-071-06366	IRN	-	-
396	AGRICOL	PI 360603	AGRICOL	-	12-071-06367	IRN	-	-
397	AGRICOL	-	AGRICOL	-	-	IRN	-	-
398	AGRICOL	PI 360605	AGRICOL	-	12-071-06370	IRN	-	-
399	AGRICOL	PI 360610	AGRICOL	-	12-071-06426	IRN	-	-
400	AGRICOL	PI 360610	AGRICOL	-	12-071-06426	IRN	-	-

ILC DOOR	DOMO	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
401	AGRICOL PI 360612	AGRICOL -	12-071-06437	IRN -	-
402	AGRICOL PI 360614	AGRICOL -	12-071-06443	IRN -	-
403	AGRICOL PI 360617	AGRICOL -	12-071-06449	IRN -	-
404	AGRICOL PI 360619	AGRICOL -	12-071-06451	IRN -	-
405	AGRICOL PI 360621	AGRICOL -	12-071-06458	IRN -	-
406	AGRICOL PI 360623	AGRICOL -	12-071-06463	IRN -	-
407	AGRICOL PI 360623	AGRICOL -	12-071-06463	IRN -	-
408	AGRICOL PI 360626	AGRICOL -	12-071-06476	IRN -	-
409	AGRICOL PI 360649	AGRICOL -	12-071-06592	IRN -	-
410	AGRICOL PI 360655	AGRICOL -	12-071-06614	IRN -	-
411	AGRICOL PI 360656	AGRICOL -	12-071-06617	IRN -	-
412	AGRICOL PI 360658	AGRICOL -	12-071-06623	IRN -	-
413	AGRICOL PI 360660	AGRICOL -	12-071-06626	IRN -	-
414	AGRICOL PI 360689	AGRICOL -	12-071-06009	TUR -	-
415	AGRICOL PI 360689	AGRICOL -	12-071-06009	TUR -	-
416	AGRICOL PI 360690	AGRICOL -	12-071-06011	TUR -	-
417	AGRICOL PI 360690	AGRICOL -	12-071-06011	TUR -	-
418	AGRICOL PI 360702	AGRICOL -	12-071-06624	PAZ -	-
419	AGRICOL Karaj 34	AGRICOL -	12-071-05456	IRN Karaj	-
420	AGRICOL Esfahan 34	AGRICOL -	12-071-10025	IRN Esfahan	-
421	AGRICOL -	AGRICOL -	12-071-02518	IRN Darreh-Gaz	-
422	AGRICOL Karaj 3	AGRICOL -	12-071-05468	IRN Karaj	-
423	AGRICOL Karaj 152	AGRICOL -	12-071-10032	IRN Karaj	-
424	AGRICOL Moghan 129	AGRICOL -	12-071-10016	IRN Moghan	-
425	AGRICOL Moghan 129	AGRICOL -	12-071-10016	IRN Moghan	-
426	AGRICOL Moghan 126	AGRICOL -	12-071-10013	IRN Moghan	-
427	AGRICOL Karaj 125	AGRICOL -	12-071-10029	IRN Karaj	-
428	AGRICOL Karaj 125	AGRICOL -	12-071-10029	IRN Karaj	-
429	AGRICOL Karaj 125	AGRICOL -	12-071-10029	IRN Karaj	-
430	AGRICOL Esfahan 111	AGRICOL -	12-071-10017	IRN Esfahan	-
431	AGRICOL Esfahan 111	AGRICOL -	12-071-10017	IRN Esfahan	-
432	AGRICOL Esfahan 111	AGRICOL -	12-071-10033	IRN Esfahan	-
433	AGRICOL Esfahan 111	AGRICOL -	12-071-10033	IRN Esfahan	-
434	AGRICOL Ardebil 169	AGRICOL -	12-071-10020	IRN Ardebil	-
435	AGRICOL Ardebil 169	AGRICOL -	12-071-10021	IRN Ardebil	-
436	AGRICOL Sharour Thangordon	AGRICOL -	12-071-10041	IRN -	-
437	AGRICOL Sharour Thangordon	AGRICOL -	12-071-10026	IRN -	-
438	AGRICOL Karaj Thangordon 153	AGRICOL -	12-071-10026	IRN -	-
439	AGRICOL Karaj Thangordon 153	AGRICOL -	12-071-10026	IRN -	-
440	AGRICOL Iran Thangordon 249982	AGRICOL -	12-071-05473	IRN -	-

ILC DOOR	DONO	CLOR	COLL CLNO/PED	ORI PRO/TOWE	LOC/REM
441	AGRICOL Karaj 254	AGRICOL	- 12-071-02089	IRN Karaj	-
442	-	EMM	- -	PRT Elvas	-
443	-	EMM	- -	PRT Elvas	-
444	-	EMM	- -	PRT Elvas	-
445	WRPIS Mixed lot	-	- -	USA -	-
446	WRPIS Mixed lot	-	- -	USA -	-
447	WRPIS Mixed lot	-	- -	USA -	-
448	WRPIS Mixed lot	-	- -	USA -	-
449	PIC ACC.NO.12670-67	PIC	- -	TUR Balikesir	-
450	PIC ACC.NO.12728-6	PIC	- -	TUR Balikesir	-
451	PIC ACC.NO.12759-67	PIC	- -	TUR Balikesir	-
452	PIC ACC.NO.12789-67	PIC	- -	TUR Balikesir	-
453	PIC ACC.NO.26471-68	PIC	- -	TUR Izmir	-
454	PIC ACC.NO.26473-68	PIC	- -	TUR Manisa	-
455	PIC ACC.NO.26473-68	PIC	- -	TUR Manisa	-
456	PIC ACC.NO.26486-68	PIC	- -	TUR Manisa	-
457	PIC ACC.NO.26486-68	PIC	- -	TUR Manisa	-
458	PIC ACC.NO.26502-68	PIC	- -	TUR Manisa	-
459	PIC ACC.NO.26509-68	PIC	- -	TUR Manisa	-
460	PIC ACC.NO.26509-68	PIC	- -	TUR Manisa	-
461	PIC ACC.NO.26561-68	PIC	- -	TUR Balikesir	-
462	PIC ACC.NO.26585-68	PIC	- -	TUR Izmir	-
463	PIC ACC.NO.26593-68	PIC	- -	TUR Balikesir	-
464	PIC ACC.NO.26595-68	PIC	- -	TUR Balikesir	-
465	PIC ACC.NO.26604-68	PIC	- -	TUR Canakkala	-
466	PIC ACC.NO.26610-68	PIC	- -	TUR Canakkala	-
467	PIC ACC.NO.26631-68	PIC	- -	TUR Canakkala	-
468	PIC ACC.NO.26631-68	PIC	- -	TUR Canakkala	-
469	PIC ACC.NO.26641-68	PIC	- -	TUR Canakkala	-
470	PIC ACC.NO.26641-68	PIC	- -	TUR Canakkala	-
471	PIC ACC.NO.26667-68	PIC	- -	TUR Canakkala	-
472	PIC ACC.NO.26667-68	PIC	- -	TUR Canakkala	-
473	PIC ACC.NO.26675-68	PIC	- -	TUR Canakkala	-
474	PIC ACC.NO.26691-68	PIC	- -	TUR Balikesir	-
475	PIC ACC.NO.26691-68	PIC	- -	TUR Balikesir	-
476	PIC ACC.NO.26704-68	PIC	- -	TUR Bursa	-
477	PIC ACC.NO.26706-68	PIC	- -	TUR Bursa	-
478	PIC ACC.NO.26706-68	PIC	- -	TUR Bursa	-
479	PIC ACC.NO.26715-68	PIC	- -	TUR Bursa	-
480	PIC ACC.NO.26715-68	PIC	- -	TUR Bursa	-

ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
481 PIC	ACC.NO.26740-68	PIC	-	-	TUR Bilcik	-
482 PIC	ACC.NO.26780-68	PIC	-	-	TUR Adapazari	-
483 PIC	ACC.NO.26783-68	PIC	-	-	TUR Bursa	-
484 PIC	ACC.NO.26783-68	PIC	-	-	TUR Bursa	-
485 PIC	ACC.NO.26808-68	PIC	-	-	TUR Bursa	-
486 PIC	ACC.NO.26808-68	PIC	-	-	TUR Bursa	-
487 PIC	ACC.NO.28015-69	PIC	-	-	TUR Aydin	-
488 PIC	ACC.NO.28015-69	PIC	-	-	TUR Aydin	-
489 PIC	ACC.NO.28036-69	PIC	-	-	TUR Denizli	-
490 PIC	ACC.NO.28039-69	PIC	-	-	TUR Mugla	-
491 PIC	ACC.NO.28107-69	PIC	-	-	TUR Mugla	-
492 PIC	ACC.NO.28119-69	PIC	-	-	TUR Mugla	-
493 PIC	ACC.NO.28119-69	PIC	-	-	TUR Mugla	-
494 PIC	ACC.NO.31510-70	PIC	-	-	TUR Amasya	-
495 PIC	ACC.NO.31510-70	PIC	-	-	TUR Amasya	-
496 PIC	ACC.NO.31510-70	PIC	-	-	TUR Amasya	-
497 PIC	ACC.NO.31515-70	PIC	-	-	TUR Amasya	-
498 PIC	ACC.NO.31554-70	PIC	-	-	TUR Tokat	-
499 PIC	ACC.NO.31675-70	PIC	-	-	TUR Mardin	-
500 PIC	ACC.NO.31675-70	PIC	-	-	TUR Mardin	-
501 PIC	ACC.NO.32181-70	PIC	-	-	TUR Mardin	-
502 PIC	ACC.NO.32183-70	PIC	-	-	TUR Mardin	-
503 PIC	ACC.NO.32222-70	PIC	-	-	TUR Siirt	-
504 PIC	ACC.NO.32289-70	PIC	-	-	TUR Siirt	-
505 PIC	ACC.NO.32291-70	PIC	-	-	TUR Siirt	-
506 PIC	ACC.NO.32291-70	PIC	-	-	TUR Siirt	-
507 PIC	ACC.NO.32682-71	PIC	-	-	TUR Bingol	-
508 -	-	-	-	-	-	-
509 PIC	ACC.NO.33056-71	PIC	-	-	TUR Tokat	-
510 PIC	ACC.NO.33056-71	PIC	-	-	TUR Tokat	-
511 PIC	ACC.NO.33091-71	PIC	-	-	TUR Sivas	-
512 PIC	ACC.NO.33091-71	PIC	-	-	TUR Sivas	-
513 PIC	ACC.NO.33358-71	PIC	-	-	TUR Tekirdag	-
514 PIC	ACC.NO.33359-71	PIC	-	-	TUR Tekirdag	-
515 PIC	ACC.NO.33360-71	PIC	-	-	TUR Tekirdag	-
516 PIC	ACC.NO.33360-71	PIC	-	-	TUR Tekirdag	-
517 PIC	ACC.NO.33448-71	PIC	-	-	TUR Kiriklareli	-
518 PIC	ACC.NO.33448-71	PIC	-	-	TUR Kiriklareli	-
519 ARCG	Giza 1	-	-	-	EGY -	-
520 ARCG	F2 (F=Family)	-	-	-	EGY -	-

ILC DOOR	DOB/C	CLOR	COLI.	CLNO/PED	ORI PRO/TOWN	LOC/REM
521	ARCG	F13 (F=Family)	-	-	EGY -	-
522	ARCG	F28 (F=Family)	-	-	EGY -	-
523	ARCG	F33 (F=Family)	-	-	EGY -	-
524	ARCG	F33 (F=Family)	-	-	EGY -	-
525	ARCG	F36 (F=Family)	-	-	EGY -	-
526	ARCG	F36 (F=Family)	-	-	EGY -	-
527	ARCG	F37 (F=Family)	-	-	EGY -	-
528	ARCG	F37 (F=Family)	-	-	EGY -	-
529	ARCG	F43 (F=Family)	-	-	EGY -	-
530	ARCG	F43 (F=Family)	-	-	EGY -	-
531	ARCG	F55 (F=Family)	-	-	EGY -	-
532	ARCG	F57 (F=Family)	-	-	EGY -	-
533	ARCG	F58 (F=Family)	-	-	EGY -	-
534	ARCG	F60 (F=Family)	-	-	EGY -	-
535	ARCG	F62 (F=Family)	-	-	EGY -	-
536	ARCG	F63 (F=Family)	-	-	EGY -	-
537	ARCG	F64 (F=Family)	-	-	EGY -	-
538	ARCG	F74 (F=Family)	-	-	EGY -	-
539	ARCG	F75 (F=Family)	-	-	EGY -	-
540	ARCG	F77 (F=Family)	-	-	EGY -	-
541	ARCG	-	-	-	EGY -	-
542	ARCG	F82 (F=Family)	-	-	EGY -	-
543	ARCG	F84 (F=Family)	-	-	EGY -	-
544	ARCG	F92 (F=Family)	-	-	EGY -	-
545	ARCG	-	-	-	EGY -	-
546	ARCG	F97 (F=Family)	-	-	EGY -	-
547	ARCG	F98 (F=Family)	-	-	EGY -	-
548	ARCG	F101 (F=Family)	-	-	EGY -	-
549	ARCG	F103 (F=Family)	-	-	EGY -	-
550	ARCG	F104 (F=Family)	-	-	EGY -	-
551	ARCG	F107 (F=Family)	-	-	EGY -	-
552	ARCG	F108 (F=Family)	-	-	EGY -	-
553	ARCG	F110 (F=Family)	-	-	EGY -	-
554	ARCG	F117 (F=Family)	-	-	EGY -	-
555	ARCG	-	-	-	EGY -	-
556	ARCG	F122 (F=Family)	-	-	EGY -	-
557	ARCG	F122 (F=Family)	-	-	EGY -	-
558	ARCG	F123 (F=Family)	-	-	EGY -	-
559	ARCG	F126 (F=Family)	-	-	EGY -	-
560	ARCG	F126 (F=Family)	-	-	EGY -	-

ILC DOOR	DOHO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
561 ARCG	F127 (F=Family)	-	-	-	EGY -	-
562 ARCG	F128 (F=Family)	-	-	-	EGY -	-
563 -	Local Chickpea	ALAD	MBS	-	LBN Beirut	-
564 -	Local Jurdi Chickpea	ALAD	MBS	-	LBN Tripoli	-
565 -	Local Chickpea	ALAD	MBS	-	LBN Tripoli	-
566 -	Local Chickpea	ALAD	MBS	-	LBN Tripoli	-
567 -	Local Chickpea	ALAD	MBS	-	LBN Tripoli	-
568 -	Local Jurdi Chickpea	ALAD	MBS	-	LBN Tripoli	-
569 -	Local Chickpea	ALAD	MBS	-	LBN Sommakieh	-
570 -	Local Chickpea	ALAD	MBS	-	LBN Meamerieh	-
571 -	Local Chickpea	ALAD	MBS	-	LBN Meamerieh	-
572 -	Local Chickpea	ALAD	MBS	-	LBN Al Keiyam	-
573 -	Local Begaaïn Chickpea	ALAD	MBS	-	LBN Nabatieh	-
574 -	Haurani	ALAD	MBS	-	LBN Nabatieh	-
575 -	Local Chickpea	ALAD	MBS	-	LBN Nabatieh	-
576 -	Local Chickpea	ALAD	MBS	-	LBN Nabatieh	-
577 -	Local Chickpea	ALAD	MBS	-	LBN Nabatieh	-
578 -	Local Chickpea	ALAD	MBS	-	LBN Al Karoun	-
579 -	Local Chickpea	ALAD	MBS	-	LBN Al Karoun	-
580 -	Local Chickpea	ALAD	MBS	-	LBN Tyre	-
581 -	Local Chickpea	ALAD	MBS	-	LBN Tyre	-
582 -	Local Chickpea	ALAD	MBS	-	LBN Koriabi	-
583 -	Local Chickpea	ALAD	MBS	-	LBN Koriabi	-
584 ARCG	EGY ACC.NO.NA 9(SN 2)	-	-	-	IND -	-
585 ARCG	EGY ACC.NO.NA 11(SN 3)	-	-	-	SYR -	-
586 ARCG	EGY ACC.NO.NA 12(SN 4)	-	-	-	IND -	-
587 ARCG	EGY ACC.NO.NA 18(SN 5)	-	-	-	IND -	-
588 ARCG	EGY ACC.NO.NA 26(SN 8)	-	-	-	IND -	-
589 ARCG	EGY ACC.NO.NA 26(SN 8)	-	-	-	IND -	-
590 ARCG	EGY ACC.NO.NA 31(SN 10)	-	-	-	IND -	-
591 ARCG	EGY ACC.NO.NA 35(SN 12)	-	-	-	IND -	-
592 ARCG	EGY ACC.NO.NA 36(SN 13)	-	-	-	IND -	-
593 ARCG	EGY ACC.NO.NA 39(SN 16)	-	-	-	FRA -	-
594 ARCG	EGY ACC.NO.NA 39(SN 16)	-	-	-	FRA -	-
595 -	S.N. 58	-	-	-	DZA Hussein Dey Alger	-
596 -	S.N. 59	-	-	-	DZA Hussein Dey Alger	-
597 -	S.N. 59	-	-	-	DZA Hussein Dey Alger	-
598 -	S.N. 63	-	-	-	DZA Oran	-
599 -	S.N. 64	-	-	-	DZA Sidi Bel Abbas	-
600 -	S.N. 64	-	-	-	DZA Sidi Bel Abbas	-

ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
601 -	S.N. 66	-	-	-	DZA Sidi Bel Abbas	-
602 -	S.N. 66	-	-	-	DZA Sidi Bel Abbas	-
603 -	S.N. 66	-	-	-	DZA Sidi Bel Abbas	-
604 -	S.N. 72	-	-	-	DZA Costantine	-
605 -	S.N. 72	-	-	-	DZA Costantine	-
606 -	S.N. 76	-	-	-	DZA Costantine	-
607 -	S.N. 76	-	-	-	DZA Costantine	-
608 -	-	IARI	-	Pink 21	IND New Delhi	-
609 CCGC	Calibre 21/28 S.N.6	-	-	-	TUN Jebel Dialand	-
610 CCGC	Calibre 21/28 S.N.6	-	-	-	TUN Jebel Dialand	-
611 CCGC	Calibre 21/28 S.N.6	-	-	-	TUN Jebel Dialand	-
612 CCGC	Calibre 29/30 S.N. 7	-	-	-	TUN Jebel Dialand	-
613 CCGC	Calibre 31/32 S.N. 8	-	-	-	TUN Jebel Dialand	-
614 CCGC	Ungraded S.N. 9	-	-	-	TUN Jebel Dialand	-
615 CCGC	Ungraded S.N. 9	-	-	-	TUN Jebel Dialand	-
616 -	S.N. 15	-	-	-	TUN Mateur	-
617 -	S.N. 15	-	-	-	TUN Mateur	-
618 -	S.N. 16	-	-	-	TUN Mateur	-
619 -	S.N. 18	-	-	-	TUN Mateur	-
620 -	S.N. 18	-	-	-	TUN Mateur	-
621 -	S.N. 21	-	-	-	TUN Mateur	-
622 -	S.N. 26	-	-	-	TUN Mateur	-
623 -	S.N. 30	-	-	-	TUN El Fahs	-
624 -	S.N. 31	-	-	-	TUN El Fahs	-
625 -	S.N. 34	-	-	-	TUN Bou Arad	-
626 -	S.N. 38	-	-	-	TUN Mediez	-
627 -	S.N. 46	-	-	-	TUN Bab Beya	-
628 -	S.N. 47	-	-	-	TUN Bab Beya	-
629 -	S.N. 51	-	-	-	TUN Gromjali	-
630 -	S.N. 54	-	-	-	TUN Nabel	-
631 -	S.N. 54	-	-	-	TUN Nabel	-
632 -	-	RPIP(K)	-	12-071-01829	IRN -	-
633 -	-	RPIP(K)	-	12-071-01834	IRN -	-
634 -	-	RPIP(K)	-	12-071-01835	IRN -	-
635 -	-	RPIP(K)	-	12-071-01839	IRN -	-
636 -	-	RPIP(K)	-	12-071-01840	IRN -	-
637 -	-	RPIP(K)	-	12-071-01842	IRN -	-
638 -	-	RPIP(K)	-	12-071-01846	IRN -	-
639 -	-	RPIP(K)	-	12-071-01846	IRN -	-
640 -	-	RPIP(K)	-	12-071-01866	IRN -	-



ILC DOOR	DOB#	CLOR	COLL CLNO/PED	JRI PRO/TOWN	LOC/REM
641 -	-	RPIP(K)	12-071-01814	IRN -	-
642 -	-	RPIP(K)	12-071-01876	IRN -	-
643 -	-	RPIP(K)	12-071-01918	IRN -	-
644 -	-	RPIP(K)	12-071-01958	IRN -	-
645 -	-	RPIP(K)	12-071-01961	IRN -	-
646 -	-	RPIP(K)	12-071-01962	IRN -	-
647 -	-	RPIP(K)	12-071-01912	IRN -	-
648 -	-	RPIP(K)	12-071-01912	IRN -	-
649 -	-	RPIP(K)	12-071-02004	IRN -	-
650 -	-	RPIP(K)	12-071-02005	IRN -	-
651 -	-	RPIP(K)	12-071-02015	IRN -	-
652 -	-	RPIP(K)	12-071-02015	IRN -	-
653 -	-	RPIP(K)	12-071-02090	IRN -	-
654 -	-	RPIP(K)	12-071-01831	IRN -	-
655 -	-	RPIP(K)	12-071-02131	IRN -	-
656 -	-	RPIP(K)	12-071-02133	IRN -	-
657 -	-	RPIP(K)	12-071-01248	IRN -	-
658 -	-	RPIP(K)	12-071-02195	IRN -	-
659 -	-	RPIP(K)	-	IRN -	-
660 -	-	RPIP(K)	12-071-02224	IRN -	-
661 -	-	RPIP(K)	12-071-02210	IRN -	-
662 -	-	RPIP(K)	12-071-02212	IRN -	-
663 -	-	RPIP(K)	12-071-02286	IRN -	-
664 -	-	RPIP(K)	12-071-02308	IRN -	-
665 -	-	RPIP(K)	12-071-02308	IRN -	-
666 -	-	RPIP(K)	12-071-02316	IRN -	-
667 -	-	RPIP(K)	12-071-02316	IRN -	-
668 -	-	RPIP(K)	-	IRN -	-
669 -	-	RPIP(K)	12-071-02316	IRN -	-
670 -	-	RPIP(K)	12-071-02343	IRN -	-
671 -	-	RPIP(K)	12-071-02351	IRN -	-
672 -	-	RPIP(K)	12-071-02353	IRN -	-
673 -	-	RPIP(K)	12-071-02371	IRN -	-
674 -	-	RPIP(K)	12-071-02388	IRN -	-
675 -	-	RPIP(K)	12-071-02493	IRN -	-
676 -	-	RPIP(K)	12-071-02452	IRN -	-
677 -	-	RPIP(K)	12-071-02493	IRN -	-
678 -	-	RPIP(K)	12-071-02494	IRN -	-
679 -	-	RPIP(K)	12-071-02494	IRN -	-
680 -	-	RPIP(K)	12-071-02518	IRN -	-

ILC DOOR	DOMO	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
681 -	-	RPIP(K)	- 12-071-02529	IRN -	-
682 -	-	RPIP(K)	- 12-071-02566	IRN -	-
683 -	-	RPIP(K)	- 12-071-02615	IRN -	-
684 -	-	RPIP(K)	- 12-071-02626	IRN -	-
685 -	-	RPIP(K)	- 12-071-02633	IRN -	-
686 -	-	RPIP(K)	- 12-071-02679	IRN -	-
687 -	-	RPIP(K)	- 12-071-02711	IRN -	-
688 -	-	RPIP(K)	- 12-071-02731	IRN -	-
689 -	-	RPIP(K)	- 12-071-02740	IRN -	-
690 -	-	RPIP(K)	-	IRN -	-
691 -	-	RPIP(K)	- 12-071-02962	IRN -	-
692 -	-	RPIP(K)	-	IRN -	-
693 -	-	RPIP(K)	- 12-071-03032	IRN -	-
694 -	-	RPIP(K)	- 12-071-03046	IRN -	-
695 -	-	RPIP(K)	- 12-071-03092	IRN -	-
696 -	-	RPIP(K)	- 12-071-03099	IRN -	-
697 -	-	RPIP(K)	- 12-071-03102	IRN -	-
698 -	-	RPIP(K)	- 12-071-03112	IRN -	-
699 -	-	RPIP(K)	- 12-071-03119	IRN -	-
700 -	-	RPIP(K)	- 12-071-03119	IRN -	-
701 -	-	RPIP(K)	- 12-071-03122	IRN -	-
702 -	-	RPIP(K)	- 12-071-03123	IRN -	-
703 -	-	RPIP(K)	- 12-071-03143	IRN -	-
704 -	-	RPIP(K)	- 12-071-03208	IRN -	-
705 -	-	RPIP(K)	- 12-071-03211	IRN -	-
706 -	-	RPIP(K)	- 12-071-03214	IRN -	-
707 -	-	RPIP(K)	- 12-071-03229	IRN -	-
708 -	-	RPIP(K)	- 12-071-03248	IRN -	-
709 -	-	RPIP(K)	- 12-071-03260	IRN -	-
710 -	-	RPIP(K)	- 12-071-03260	IRN -	-
711 -	-	RPIP(K)	- 12-071-03271	IRN -	-
712 -	-	RPIP(K)	- 12-071-03299	IRN -	-
713 -	-	RPIP(K)	- 12-071-03311	IRN -	-
714 -	-	RPIP(K)	- 12-071-03313	IRN -	-
715 -	-	RPIP(K)	- 12-071-03	IRN -	-
716 -	-	RPIP(K)	- 12-071-03364	IRN -	-
717 -	-	RPIP(K)	- 12-071-03376	IRN -	-
718 -	-	RPIP(K)	- 12-071-03381	IRN -	-
719 -	-	RPIP(K)	- 12-071-03389	IRN -	-
720 -	-	RPIP(K)	- 12-071-03399	IRN -	-

ILC DOOR	DOOR	CLOR	COLL CLNG/PED	ORI PRO/TOWN	LOC/REM
721 -	-	RPIP(K) -	12-071-03403	IRN -	-
722 -	-	RPIP(K) -	12-071-03405	IRN -	-
723 -	-	RPIP(K) -	12-071-03405	IRN -	-
724 -	-	RPIP(K) -	12-071-03408	IRN -	-
725 -	-	RPIP(K) -	12-071-03409	IRN -	-
726 -	-	RPIP(K) -	12-071-03411	IRN -	-
727 -	-	RPIP(K) -	12-071-03428	IRN -	-
728 -	-	RPIP(K) -	-	IRN -	-
729 -	-	RPIP(K) -	12-071-03440	IRN -	-
730 -	-	RPIP(K) -	12-071-03448	IRN -	-
731 -	-	RPIP(K) -	12-071-03480	IRN -	-
732 -	-	RPIP(K) -	12-071-03484	IRN -	-
733 -	-	RPIP(K) -	12-071-03570	IRN -	-
734 -	-	RPIP(K) -	12-071-03584	IRN -	-
735 -	-	RPIP(K) -	12-071-03613	IRN -	-
736 -	-	RPIP(K) -	12-071-03625	IRN -	-
737 -	-	RPIP(K) -	12-071-03630	IRN -	-
738 -	-	RPIP(K) -	12-071-03746	IRN -	-
739 -	-	RPIP(K) -	12-071-03751	IRN -	-
740 -	-	RPIP(K) -	12-071-03858	IRN -	-
741 -	-	RPIP(K) -	12-071-03860	IRN -	-
742 -	-	RPIP(K) -	12-071-03866	IRN -	-
743 -	-	RPIP(K) -	12-071-03885	IRN -	-
744 -	-	RPIP(K) -	12-071-04032	IRN -	-
745 -	-	RPIP(K) -	12-071-04032	IRN -	-
746 -	-	RPIP(K) -	12-071-06653	IRN -	-
747 -	-	RPIP(K) -	12-071-06654	IRN -	-
748 -	-	RPIP(K) -	12-071-06655	IRN -	-
749 -	-	RPIP(K) -	12-071-06656	IRN -	-
750 -	-	RPIP(K) -	-	IRN -	-
751 -	-	RPIP(K) -	12-071-06873	IRN -	-
752 -	-	RPIP(K) -	12-071-03632	IRN -	-
753 -	-	RPIP(K) -	12-071-03633	IRN -	-
754 -	-	RPIP(K) -	12-071-03634	IRN -	-
755 -	-	RPIP(K) -	12-071-03638	IRN -	-
756 -	-	RPIP(K) -	12-071-03639	IRN -	-
757 -	-	RPIP(K) -	12-071-03640	IRN -	-
758 -	-	RPIP(K) -	12-071-03645	IRN -	-
759 -	-	RPIP(K) -	12-071-03646	IRN -	-
760 -	-	RPIP(K) -	12-071-03648	IRN -	-

ILC DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REN
761 -	-	RPIP(K)	-	12-071-03654	IRN -	-
752 -	-	RPIP(K)	-	12-071-03654	IRN -	-
763 -	-	RPIP(K)	-	12-071-03655	IRN -	-
764 -	-	RPIP(K)	-	12-071-03656	IRN -	-
765 -	-	RPIP(K)	-	12-071-03659	IRN -	-
766 -	-	RPIP(K)	-	12-071-03660	IRN -	-
767 -	-	RPIP(K)	-	12-071-03660	IRN -	-
768 -	-	RPIP(K)	-	12-071-03666	IRN -	-
769 -	-	RPIP(K)	-	12-071-03668	IRN -	-
770 -	-	RPIP(K)	-	12-071-03669	IRN -	-
771 -	-	RPIP(K)	-	12-071-03670	IRN -	-
772 -	-	RPIP(K)	-	12-071-03671	IRN -	-
773 -	-	RPIP(K)	-	12-071-03672	IRN -	-
774 -	-	RPIP(K)	-	12-071-03676	IRN -	-
775 -	-	RPIP(K)	-	12-071-03681	IRN -	-
776 -	-	RPIP(K)	-	12-071-03682	IRN -	-
777 -	-	RPIP(K)	-	12-071-03682	IRN -	-
778 -	-	RPIP(K)	-	12-071-03689	IRN -	-
779 -	-	RPIP(K)	-	-	IRN -	-
780 -	-	RPIP(K)	-	-	IRN -	-
781 -	-	RPIP(K)	-	12-071-03694	IRN -	-
782 -	-	RPIP(K)	-	12-071-03698	IRN -	-
783 -	-	RPIP(K)	-	12-071-03699	IRN -	-
784 -	-	RPIP(K)	-	-	IRN -	-
785 -	-	RPIP(K)	-	-	IRN -	-
786 -	-	RPIP(K)	-	12-071-03706	IRN -	-
787 -	-	RPIP(K)	-	12-071-03710	IRN -	-
788 -	-	RPIP(K)	-	12-071-03711	IRN -	-
789 -	-	RPIP(K)	-	12-071-03716	IRN -	-
790 -	-	RPIP(K)	-	12-071-03716	IRN -	-
791 -	-	RPIP(K)	-	12-071-03720	IRN -	-
792 -	-	RPIP(K)	-	12-071-03722	IRN -	-
793 -	-	RPIP(K)	-	12-071-03723	IRN -	-
794 -	-	RPIP(K)	-	12-071-03725	IRN -	-
795 -	-	RPIP(K)	-	12-071-03725	IRN -	-
796 -	-	RPIP(K)	-	12-071-03728	IRN -	-
797 -	-	RPIP(K)	-	12-071-03729	IRN -	-
798 -	-	RPIP(K)	-	12-071-03730	IRN -	-
799 -	-	RPIP(K)	-	12-071-03731	IRN -	-
800 -	-	RPIP(K)	-	12-071-03733	IRN -	-

I/LC DOOR	DOFO	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
801 -	-	RPIP(K) -	12-071-03735	IRN -	-
802 -	-	RPIP(K) -	12-071-03741	IRN -	-
803 -	-	RPIP(K) -	12-071-03741	IRN -	-
804 -	-	RPIP(K) -	12-071-03743	IRN -	-
805 -	-	RPIP(K) -	12-071-03745	IRN -	-
806 -	-	RPIP(K) -	12-071-03748	IRN -	-
807 -	-	RPIP(K) -	12-071-03748	IRN -	-
808 -	-	RPIP(K) -	12-071-03751	IRN -	-
809 -	-	RPIP(K) -	12-071-03751	IRN -	-
810 -	-	RPIP(K) -	12-071-03752	IRN -	-
811 -	-	RPIP(K) -	12-071-03754	IRN -	-
812 -	-	RPIP(K) -	12-071-03754	IRN -	-
813 -	-	RPIP(K) -	12-071-03754	IRN -	-
814 -	-	RPIP(K) -	12-071-03755	IRN -	-
815 -	-	RPIP(K) -	12-071-03756	IRN -	-
816 -	-	RPIP(K) -	12-071-03758	IRN -	-
817 -	-	RPIP(K) -	12-071-03760	IRN -	-
818 -	-	RPIP(K) -	12-071-03762	IRN -	-
819 -	-	RPIP(K) -	12-071-03763	IRN -	-
820 -	-	RPIP(K) -	12-071-03766	IRN -	-
821 -	-	RPIP(K) -	12-071-03768	IRN -	-
822 -	-	RPIP(K) -	12-071-03769	IRN -	-
823 -	-	RPIP(K) -	12-071-03769	IRN -	-
824 -	-	RPIP(K) -	12-071-03769	IRN -	-
825 -	-	RPIP(K) -	12-071-03772	IRN -	-
826 -	-	RPIP(K) -	12-071-03778	IRN -	-
827 -	-	RPIP(K) -	12-071-03779	IRN -	-
828 -	-	RPIP(K) -	12-071-03779	IRN -	-
829 -	-	RPIP(K) -	12-071-03780	IRN -	-
830 -	-	RPIP(K) -	12-071-03781	IRN -	-
831 -	-	RPIP(K) -	12-071-03786	IRN -	-
832 -	-	RPIP(K) -	12-071-03788	IRN -	-
833 -	-	RPIP(K) -	12-071-03789	IRN -	-
834 -	-	RPIP(K) -	12-071-03789	IRN -	-
835 -	-	RPIP(K) -	12-071-03790	IRN -	-
836 -	-	RPIP(K) -	12-071-03793	IRN -	-
837 -	-	RPIP(K) -	12-071-03794	IRN -	-
838 -	-	RPIP(K) -	12-071-03794	IRN -	-
839 -	-	RPIP(K) -	12-071-03795	IRN -	-
840 -	-	RPIP(K) -	12-071-03796	IRN -	-

ILC DOOR	DOB0	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REN
841 -	-	RPIP(K)	- 12-071-03798	IRN -	-
842 -	-	RPIP(K)	- 12-071-03799	IRN -	-
843 -	-	RPIP(K)	- 12-071-03799	IRN -	-
844 -	-	RPIP(K)	- 12-071-03800	IRN -	-
845 -	-	RPIP(K)	- 12-071-03801	IRN -	-
846 -	-	RPIP(K)	- 12-071-03802	IRN -	-
847 -	-	RPIP(K)	- 12-071-03804	IRN -	-
848 -	-	RPIP(K)	-	IRN -	-
849 -	-	RPIP(K)	- 12-071-03808	IRN -	-
850 -	-	RPIP(K)	- 12-071-03809	IRN -	-
851 -	-	RPIP(K)	- 12-071-03810	IRN -	-
852 -	-	RPIP(K)	- 12-071-03810	IRN -	-
853 -	-	RPIP(K)	- 12-071-03811	IRN -	-
854 -	-	RPIP(K)	- 12-071-03812	IRN -	-
855 -	-	RPIP(K)	- 12-071-03813	IRN -	-
856 -	-	RPIP(K)	- 12-071-03814	IRN -	-
857 -	-	RPIP(K)	- 12-071-03815	IRN -	-
858 -	-	RPIP(K)	- 12-071-03816	IRN -	-
859 -	-	RPIP(K)	- 12-071-03819	IRN -	-
860 -	-	RPIP(K)	- 12-071-03819	IRN -	-
861 -	-	RPIP(K)	- 12-071-03820	IRN -	-
862 -	-	RPIP(K)	- 12-071-03821	IRN -	-
863 -	-	RPIP(K)	- 12-071-03822	IRN -	-
864 -	-	RPIP(K)	- 12-071-03825	IRN -	-
865 -	-	RPIP(K)	- 12-071-03828	IRN -	-
866 -	-	RPIP(K)	- 12-071-03829	IRN -	-
867 -	-	RPIP(K)	- 12-071-03830	IRN -	-
868 -	-	RPIP(K)	- 12-071-03832	IRN -	-
869 -	-	RPIP(K)	- 12-071-03833	IRN -	-
870 -	-	RPIP(K)	- 12-071-03836	IRN -	-
871 -	-	RPIP(K)	- 12-071-03836	IRN -	-
872 -	-	RPIP(K)	- 12-071-03838	IRN -	-
873 -	-	RPIP(K)	- 12-071-03839	IRN -	-
874 -	-	RPIP(K)	- 12-071-03840	IRN -	-
875 -	-	RPIP(K)	- 12-071-03842	IRN -	-
876 -	-	RPIP(K)	- 12-071-03845	IRN -	-
877 -	-	RPIP(K)	- 12-071-03845	IRN -	-
878 -	-	RPIP(K)	- 12-071-03849	IRN -	-
879 -	-	RPIP(K)	- 12-071-03850	IRN -	-
880 -	-	RPIP(K)	- 12-071-03850	IRN -	-

ILC DOOR	DOMO	CLOR	COLL CLNO/PED	ORI P/O/KOWN	LOC/REM
881 -	-	RPIP(K) -	12-071-03851	IRN -	-
882 -	-	RPIP(K) -	12-071-03852	IRN -	-
883 -	-	RPIP(K) -	12-071-03853	IRN -	-
884 -	-	RPIP(K) -	12-071-03854	IRN -	-
885 -	-	RPIP(K) -	12-071-03855	IRN -	-
886 -	-	RPIP(K) -	12-071-03856	IRN -	-
887 -	-	RPIP(K) -	12-071-03859	IRN -	-
888 -	-	RPIP(K) -	-	IRN -	-
889 -	-	RPIP(K) -	12-071-03861	IRN -	-
890 -	-	RPIP(K) -	12-071-03861	IRN -	-
891 -	-	RPIP(K) -	12-071-03862	IRN -	-
892 -	-	RPIP(K) -	12-071-03862	IRN -	-
893 -	-	RPIP(K) -	12-071-03862	IRN -	-
894 -	-	RPIP(K) -	12-071-03865	IRN -	-
895 -	-	RPIP(K) -	12-071-03868	IRN -	-
896 -	-	RPIP(K) -	12-071-03869	IRN -	-
897 -	-	RPIP(K) -	12-071-03869	IRN -	-
898 -	-	RPIP(K) -	-	IRN -	-
899 -	-	RPIP(K) -	12-071-03870	IRN -	-
900 -	-	RPIP(K) -	12-071-03871	IRN -	-
901 -	-	RPIP(K) -	12-071-03873	IRN -	-
902 -	-	RPIP(K) -	12-071-03873	IRN -	-
903 -	-	RPIP(K) -	12-071-03874	IRN -	-
904 -	-	RPIP(K) -	12-071-03875	IRN -	-
905 -	-	RPIP(K) -	12-071-03878	IRN -	-
906 -	-	RPIP(K) -	12-071-03879	IRN -	-
907 -	-	RPIP(K) -	12-071-03880	IRN -	-
908 -	-	RPIP(K) -	12-071-03881	IRN -	-
909 -	-	RPIP(K) -	12-071-03882	IRN -	-
910 -	-	RPIP(K) -	12-071-03883	IRN -	-
911 -	-	RPIP(K) -	12-071-03884	IRN -	-
912 -	-	RPIP(K) -	12-071-03886	IRN -	-
913 -	-	RPIP(K) -	12-071-03889	IRN -	-
914 -	-	RPIP(K) -	12-071-03890	IRN -	-
915 -	-	RPIP(K) -	12-071-03891	IRN -	-
916 -	-	RPIP(K) -	12-071-03892	IRN -	-
917 -	-	RPIP(K) -	12-071-03892	IRN -	-
918 -	-	RPIP(K) -	12-071-03892	IRN -	-
919 -	-	RPIP(K) -	12-071-03893	IRN -	-
920 -	-	RPIP(K) -	12-071-03894	IRN -	-

ILC DOOR	LOBO	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
921 -	-	RPIP(K) -	12-071-03895	IRN -	-
922 -	-	RPIP(K) -	12-071-03898	IRN -	-
923 -	-	RPIP(K) -	12-071-03899	IRN -	-
924 -	-	RPIP(K) -	12-071-03900	IRN -	-
925 -	-	RPIP(K) -	12-071-03900	IRN -	-
926 -	-	RPIP(K) -	12-071-03900	IRN -	-
927 -	-	RPIP(K) -	12-071-03901	IRN -	-
928 -	-	RPIP(K) -	12-071-03902	IRN -	-
929 -	-	RPIP(K) -	12-071-03902	IRN -	-
930 -	-	RPIP(K) -	12-071-03903	IRN -	-
931 -	-	RPIP(K) -	12-071-03904	IRN -	-
932 -	-	RPIP(K) -	12-071-03906	IRN -	-
933 -	-	RPIP(K) -	12-071-03906	IRN -	-
934 -	-	RPIP(K) -	12-071-03908	IRN -	-
935 -	-	RPIP(K) -	12-071-03908	IRN -	-
936 -	-	RPIP(K) -	12-071-03909	IRN -	-
937 -	-	RPIP(K) -	12-071-03911	IRN -	-
938 -	-	RPIP(K) -	12-071-03912	IRN -	-
939 -	-	RPIP(K) -	12-071-03912	IRN -	-
940 -	-	RPIP(K) -	13-071-03912	IRN -	-
941 -	-	RPIP(K) -	12-071-03914	IRN -	-
942 -	-	RPIP(K) -	12-071-03914	IRN -	-
943 -	-	RPIP(K) -	12-071-03915	IRN -	-
944 -	-	RPIP(K) -	12-071-03916	IRN -	-
945 -	-	RPIP(K) -	12-071-03918	IRN -	-
946 -	-	RPIP(K) -	12-071-03919	IRN -	-
947 -	-	RPIP(K) -	12-071-03920	IRN -	-
948 -	-	RPIP(K) -	12-071-03921	IRN -	-
949 -	-	RPIP(K) -	12-071-03922	IRN -	-
950 -	-	RPIP(K) -	12-071-03923	IRN -	-
951 -	-	RPIP(K) -	12-071-03923	IRN -	-
952 -	-	RPIP(K) -	12-071-03929	IRN -	-
953 -	-	RPIP(K) -	12-071-03929	IRN -	-
954 -	-	RPIP(K) -	12-071-03930	IRN -	-
955 -	-	RPIP(K) -	12-071-03930	IRN -	-
956 -	-	RPIP(K) -	12-071-03931	IRN -	-
957 -	-	RPIP(K) -	12-071-03932	IRN -	-
958 -	-	RPIP(K) -	12-071-03933	IRN -	-
959 -	-	RPIP(K) -	12-071-03935	IRN -	-
960 -	-	RPIP(K) -	12-071-03936	IRN -	-



ILC DOOR	DOMO	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
961 -	-	RPIP(K) -	12-071-03936	IRN -	-
962 -	-	RPIP(K) -	12-071-03939	IRN -	-
963 -	-	RPIP(K) -	12-071-03939	IRN -	-
964 -	-	RPIP(K) -	12-071-03940	IRN -	-
965 -	-	RPIP(K) -	12-071-03941	IRN -	-
966 -	-	RPIP(K) -	12-071-03942	IRN -	-
967 -	-	RPIP(K) -	12-071-03944	IRN -	-
968 -	-	RPIP(K) -	12-071-03946	IRN -	-
969 -	-	RPIP(K) -	12-071-03949	IRN -	-
970 -	-	RPIP(K) -	12-071-03949	IRN -	-
971 -	-	RPIP(K) -	12-071-03950	IRN -	-
972 -	-	RPIP(K) -	12-071-03951	IRN -	-
973 -	-	RPIP(K) -	12-071-03952	IRN -	-
974 -	-	RPIP(K) -	12-071-03953	IRN -	-
975 -	-	RPIP(K) -	12-071-03954	IRN -	-
976 -	-	RPIP(K) -	12-071-03955	IRN -	-
977 -	-	RPIP(K) -	12-071-03956	IRN -	-
978 -	-	RPIP(K) -	12-071-03958	IRN -	-
979 -	-	RPIP(K) -	12-071-03958	IRN -	-
980 -	-	RPIP(K) -	12-071-03959	IRN -	-
981 -	-	RPIP(K) -	12-071-03960	IRN -	-
982 -	-	RPIP(K) -	12-071-03961	IRN -	-
983 -	-	RPIP(K) -	12-071-03963	IRN -	-
984 -	-	RPIP(K) -	12-071-03965	IRN -	-
985 -	-	RPIP(K) -	12-071-03966	IRN -	-
986 -	-	RPIP(K) -	12-071-03966	IRN -	-
987 -	-	RPIP(K) -	12-071-03968	IRN -	-
988 -	-	RPIP(K) -	12-071-03969	IRN -	-
989 -	-	RPIP(K) -	12-071-03970	IRN -	-
990 -	-	RPIP(K) -	-	IRN -	-
991 -	-	RPIP(K) -	12-071-03975	IRN -	-
992 -	-	RPIP(K) -	12-071-03976	IRN -	-
993 -	-	RPIP(K) -	12-071-03978	IRN -	-
994 -	-	RPIP(K) -	12-071-03978	IRN -	-
995 -	-	RPIP(K) -	12-071-03980	IRN -	-
996 -	-	RPIP(K) -	12-071-03981	IRN -	-
997 -	-	RPIP(K) -	12-071-03983	IRN -	-
998 -	-	RPIP(K) -	12-071-03984	IRN -	-
999 -	-	RPIP(K) -	12-071-03985	IRN -	-
1000 -	-	RPIP(K) -	12-071-03986	IRN -	-

ILC DOOR	DO#O	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REN
1001 -	-	RPIP(K)	-	12-071-03988	IRN	-	-
1002 -	-	RPIP(K)	-	12-071-03990	IRN	-	-
1003 -	-	RPIP(K)	-	12-071-03991	IRN	-	-
1004 -	-	RPIP(K)	-	12-071-03992	IRN	-	-
1005 -	-	RPIP(K)	-	12-071-03992	IRN	-	-
1006 -	-	RPIP(K)	-	12-071-03992	IRN	-	-
1007 -	-	RPIP(K)	-	-	IRN	-	-
1008 -	-	RPIP(K)	-	-	IRN	-	-
1009 -	-	RPIP(K)	-	12-071-03998	IRN	-	-
1010 -	-	RPIP(K)	-	12-071-03998	IRN	-	-
1011 -	-	RPIP(K)	-	12-071-04000	IRN	-	-
1012 -	-	RPIP(K)	-	12-071-04004	IRN	-	-
1013 -	-	RPIP(K)	-	12-071-04006	IRN	-	-
1014 -	-	RPIP(K)	-	12-071-04008	IRN	-	-
1015 -	-	RPIP(K)	-	12-071-04011	IRN	-	-
1016 -	-	RPIP(K)	-	12-071-04011	IRN	-	-
1017 -	-	RPIP(K)	-	12-071-04012	IRN	-	-
1018 -	-	RPIP(K)	-	12-071-04012	IRN	-	-
1019 -	-	RPIP(K)	-	12-071-04013	IRN	-	-
1020 -	-	RPIP(K)	-	12-071-04015	IRN	-	-
1021 -	-	RPIP(K)	-	12-071-04016	IRN	-	-
1022 -	-	RPIP(K)	-	12-071-04016	IRN	-	-
1023 -	-	RPIP(K)	-	12-071-04016	IRN	-	-
1024 -	-	RPIP(K)	-	12-071-04018	IRN	-	-
1025 -	-	RPIP(K)	-	12-071-04020	IRN	-	-
1026 -	-	RPIP(K)	-	12-071-04021	IRN	-	-
1027 -	-	RPIP(K)	-	12-071-04021	IRN	-	-
1028 -	-	RPIP(K)	-	12-071-04021	IRN	-	-
1029 -	-	RPIP(K)	-	12-071-04022	IRN	-	-
1030 -	-	RPIP(K)	-	12-071-04023	IRN	-	-
1031 -	-	RPIP(K)	-	12-071-04024	IRN	-	-
1032 -	-	RPIP(K)	-	12-071-04024	IRN	-	-
1033 -	-	RPIP(K)	-	12-071-04025	IRN	-	-
1034 -	-	RPIP(K)	-	12-071-04026	IRN	-	-
1035 -	-	RPIP(K)	-	12-071-04028	IRN	-	-
1036 -	-	RPIP(K)	-	12-071-04031	IRN	-	-
1037 -	-	RPIP(K)	-	12-071-04034	IRN	-	-
1038 -	-	RPIP(K)	-	12-071-04034	IRN	-	-
1039 -	-	RPIP(K)	-	12-071-04035	IRN	-	-
1040 -	-	RPIP(K)	-	12-071-04034	IRN	-	-

I/LC DOOR	DOB#	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
1041 -	-	RPIP(K) -	12-071-04036	IRN -	-
1042 -	-	RPIP(K) -	12-071-04036	IRN -	-
1043 -	-	RPIP(K) -	12-071-04036	IRN -	-
1044 -	-	RPIP(K) -	12-071-04038	IRN -	-
1045 -	-	RPIP(K) -	12-071-04038	IRN -	-
1046 -	-	RPIP(K) -	12-071-04039	IRN -	-
1047 -	-	RPIP(K) -	12-071-04040	IRN -	-
1048 -	-	RPIP(K) -	12-071-04041	IRN -	-
1049 -	-	RPIP(K) -	12-071-04042	IRN -	-
1050 -	-	RPIP(K) -	12-071-04043	IRN -	-
1051 -	-	RPIP(K) -	12-071-04044	IRN -	-
1052 -	-	RPIP(K) -	-	IRN -	-
1053 -	-	RPIP(K) -	12-071-04046	IRN -	-
1054 -	-	RPIP(K) -	12-071-04048	IRN -	-
1055 -	-	RPIP(K) -	12-071-04049	IRN -	-
1056 -	-	RPIP(K) -	12-071-04050	IRN -	-
1057 -	-	RPIP(K) -	12-071-04053	IRN -	-
1058 -	-	RPIP(K) -	12-071-04054	IRN -	-
1059 -	-	RPIP(K) -	12-071-04060	IRN -	-
1060 -	-	RPIP(K) -	12-071-04061	IRN -	-
1061 -	-	RPIP(K) -	12-071-04061	IRN -	-
1062 -	-	RPIP(K) -	12-071-04064	IRN -	-
1063 -	-	RPIP(K) -	12-071-04070	IRN -	-
1064 -	-	RPIP(K) -	12-071-04073	IRN -	-
1065 -	-	RPIP(K) -	12-071-04080	IRN -	-
1066 -	-	RPIP(K) -	12-071-04085	IRN -	-
1067 -	-	RPIP(K) -	12-100-04092	IRN -	-
1068 -	-	RPIP(K) -	12-100-04092	IRN -	-
1069 -	-	RPIP(K) -	12-074-04095	IRN -	-
1070 -	-	RPIP(K) -	12-074-04096	IRN -	-
1071 -	-	RPIP(K) -	12-100-04098	IRN -	-
1072 -	-	RPIP(K) -	12-155-04105	IRN -	-
1073 -	-	RPIP(K) -	12-071-06876	IRN -	-
1074 -	-	RPIP(K) -	12-071-06877	IRN -	-
1075 -	-	RPIP(K) -	12-071-06878	IRN -	-
1076 -	-	RPIP(K) -	12-071-06879	IRN -	-
1077 -	-	RPIP(K) -	12-071-06880	IRN -	-
1078 -	-	RPIP(K) -	12-071-06881	IRN -	-
1079 -	-	RPIP(K) -	12-071-06882	IRN -	-
1080 -	-	RPIP(K) -	12-071-06883	IRN -	-

I/LC DOOR	LOBO	CLOR	COLL. CLNO/PED	ORI PRO/TOWN	LOC/REM
1081 -	-	RPIP(K) -	12-071-06884	IRN -	-
1082 -	-	RPIP(K) -	12-071-06886	IRN -	-
1083 -	-	RPIP(K) -	12-071-06887	IRN -	-
1084 -	-	RPIP(K) -	12-071-06887	IRN -	-
1085 -	-	RPIP(K) -	12-071-06889	IRN -	-
1086 -	-	RPIP(K) -	12-071-06890	IRN -	-
1087 -	-	RPIP(K) -	12-071-06894	IRN -	-
1088 -	-	RPIP(K) -	-	IRN -	-
1089 -	-	RPIP(K) -	12-071-06897	IRN -	-
1090 -	-	RPIP(K) -	12-071-06897	IRN -	-
1091 -	-	RPIP(K) -	12-071-06897	IRN -	-
1092 -	-	RPIP(K) -	12-071-06898	IRN -	-
1093 -	-	RPIP(K) -	12-071-06898	IRN -	-
1094 -	-	RPIP(K) -	12-071-06899	IRN -	-
1095 -	-	RPIP(K) -	12-071-06899	IRN -	-
1096 -	-	RPIP(K) -	12-071-06899	IRN -	-
1097 -	-	RPIP(K) -	12-071-06900	IRN -	-
1098 -	-	RPIP(K) -	12-071-06901	IRN -	-
1099 -	-	RPIP(K) -	12-071-06903	IRN -	-
1100 -	-	RPIP(K) -	12-071-06904	IRN -	-
1101 -	-	RPIP(K) -	12-071-06905	IRN -	-
1102 -	-	RPIP(K) -	12-071-06907	IRN -	-
1103 -	-	RPIP(K) -	12-071-06907	IRN -	-
1104 -	-	RPIP(K) -	12-071-06908	IRN -	-
1105 -	-	RPIP(K) -	12-071-06908	IRN -	-
1106 -	-	RPIP(K) -	12-071-06909	IRN -	-
1107 -	-	RPIP(K) -	12-071-06910	IRN -	-
1108 -	-	RPIP(K) -	12-071-06910	IRN -	-
1109 -	-	RPIP(K) -	12-071-06911	IRN -	-
1110 -	-	RPIP(K) -	12-071-06913	IRN -	-
1111 -	-	RPIP(K) -	12-071-06914	IRN -	-
1112 -	-	RPIP(K) -	12-071-06915	IRN -	-
1113 -	-	RPIP(K) -	12-071-06916	IRN -	-
1114 -	-	RPIP(K) -	12-071-06917	IRN -	-
1115 -	-	RPIP(K) -	12-071-06917	IRN -	-
1116 -	-	RPIP(K) -	12-071-06918	IRN -	-
1117 -	-	RPIP(K) -	12-071-06918	IRN -	-
1118 -	-	RPIP(K) -	12-071-06919	IRN -	-
1119 -	-	RPIP(K) -	12-071-06919	IRN -	-
1120 -	-	RPIP(K) -	12-071-06920	IRN -	-

ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWK	LOC/REM
1121 -	-	RPIP(K)	-	12-071-06921	IRN	-	-
1122 -	-	RPIP(K)	-	12-071-06922	IRN	-	-
1123 -	-	RPIP(K)	-	12-071-06922	IRN	-	-
1124 -	-	RPIP(K)	-	12-071-06923	IRN	-	-
1125 -	-	RPIP(K)	-	13-071-06925/1	IRN	-	-
1126 -	-	RPIP(K)	-	12-071-06925/2	IRN	-	-
1127 -	-	RPIP(K)	-	12-071-06927	IRN	-	-
1128 -	-	RPIP(K)	-	12-071-06928	IRN	-	-
1129 -	-	RPIP(K)	-	12-071-06929	IRN	-	-
1130 -	-	RPIP(K)	-	12-071-06930	IRN	-	-
1131 -	-	RPIP(K)	-	12-071-06931	IRN	-	-
1132 -	-	RPIP(K)	-	12-071-06931	IRN	-	-
1133 -	-	RPIP(K)	-	12-071-06931	IRN	-	-
1134 -	-	RPIP(K)	-	12-071-06932	IRN	-	-
1135 -	-	RPIP(K)	-	12-071-06934	IRN	-	-
1136 -	-	RPIP(K)	-	12-071-06935	IRN	-	-
1137 -	-	RPIP(K)	-	12-071-06936	IRN	-	-
1138 -	-	RPIP(K)	-	12-071-06937	IRN	-	-
1139 -	-	RPIP(K)	-	12-071-06938	IRN	-	-
1140 -	-	RPIP(K)	-	12-071-06939	IRN	-	-
1141 -	-	RPIP(K)	-	12-071-06940	IRN	-	-
1142 -	-	RPIP(K)	-	12-071-06941	IRN	-	-
1143 -	-	RPIP(K)	-	12-071-06942	IRN	-	-
1144 -	-	RPIP(K)	-	12-071-06942	IRN	-	-
1145 -	-	RPIP(K)	-	12-071-06942	IRN	-	-
1146 -	-	RPIP(K)	-	12-071-06943	IRN	-	-
1147 -	-	RPIP(K)	-	12-071-06943	IRN	-	-
1148 -	-	RPIP(K)	-	12-071-06944	IRN	-	-
1149 -	-	RPIP(K)	-	12-071-06944	IRN	-	-
1150 -	-	RPIP(K)	-	12-071-06944	IRN	-	-
1151 -	-	RPIP(K)	-	12-071-06946	IRN	-	-
1152 -	-	RPIP(K)	-	12-071-06946	IRN	-	-
1153 -	-	RPIP(K)	-	12-071-06947	IRN	-	-
1154 -	-	RPIP(K)	-	-	IRN	-	-
1155 -	-	RPIP(K)	-	12-071-06948	IRN	-	-
1156 -	-	RPIP(K)	-	-	IRN	-	-
1157 -	-	RPIP(K)	-	12-071-06950	IRN	-	-
1158 -	-	RPIP(K)	-	12-071-06950	IRN	-	-
1159 -	-	RPIP(K)	-	12-071-06951	IRN	-	-
1160 -	-	RPIP(K)	-	12-071-06952	IRN	-	-

ILC DOOR	DONO	CLOR	COLL CLNO/PED	ORI PRO/TOWS	LOC/REM
1161 -	-	RPIP(K) -	12-071-06953	IRN -	-
1162 -	-	RPIP(K) -	12-071-06953	IRN -	-
1163 -	-	RPIP(K) -	12-071-06954	IRN -	-
1164 -	-	RPIP(K) -	12-071-06954	IRN -	-
1165 -	-	RPIP(K) -	12-071-06955	IRN -	-
1166 -	-	RPIP(K) -	12-071-06956	IRN -	-
1167 -	-	RPIP(K) -	12-071-06957	IRN -	-
1168 -	-	RPIP(K) -	12-071-06958	IRN -	-
1169 -	-	RPIP(K) -	12-071-06958	IRN -	-
1170 -	-	RPIP(K) -	12-153-06959	TUR -	-
1171 -	-	RPIP(K) -	12-153-06960	TUR -	-
1172 -	-	RPIP(K) -	12-153-06961	TUR -	-
1173 -	-	RPIP(K) -	12-153-06962	TUR -	-
1174 -	-	RPIP(K) -	12-153-06963	TUR -	-
1175 -	-	RPIP(K) -	12-153-06964	TUR -	-
1176 -	-	RPIP(K) -	12-153-06965	TUR -	-
1177 -	-	RPIP(K) -	12-153-06965	TUR -	-
1178 -	-	RPIP(K) -	12-153-06966	TUR -	-
1179 -	-	RPIP(K) -	12-153-06966	TUR -	-
1180 -	-	RPIP(K) -	12-153-06967	TUR -	-
1181 -	-	RPIP(K) -	12-153-06968	TUR -	-
1182 -	-	RPIP(K) -	12-153-06969	TUR -	-
1183 -	-	RPIP(K) -	12-153-06970	TUR -	-
1184 -	-	RPIP(K) -	12-153-06971	TUR -	-
1185 -	-	RPIP(K) -	12-153-06973	TUR -	-
1186 -	-	RPIP(K) -	12-153-06974	TUR -	-
1187 -	-	RPIP(K) -	12-153-06975	TUR -	-
1188 -	-	RPIP(K) -	12-153-06976	TUR -	-
1189 -	-	RPIP(K) -	12-153-06977	TUR -	-
1190 -	-	RPIP(K) -	12-153-06978	TUR -	-
1191 -	-	RPIP(K) -	12-153-06979	TUR -	-
1192 -	-	RPIP(K) -	12-153-06979	TUR -	-
1193 -	-	RPIP(K) -	12-153-06980	TUR -	-
1194 -	-	RPIP(K) -	12-071-06982	IRN -	-
1195 -	-	RPIP(K) -	12-071-06983	IRN -	-
1196 -	-	RPIP(K) -	12-071-06984	IRN -	-
1197 -	-	RPIP(K) -	12-071-06985	IRN -	-
1198 -	-	RPIP(K) -	12-071-06986	IRN -	-
1199 -	-	RPIP(K) -	12-071-06987	IRN -	-
1200 -	-	RPIP(K) -	12-071-06987	IRN -	-

ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
1201	-	RPIP(K)	-	12-071-06988	IRN	-	-
1202	-	RPIP(K)	-	12-071-06989	IRN	-	-
1203	-	RPIP(K)	-	12-071-06989	IRN	-	-
1204	-	RPIP(K)	-	12-071-06990	IRN	-	-
1205	-	RPIP(K)	-	12-071-06991	IRN	-	-
1206	-	RPIP(K)	-	12-071-06992	IRN	-	-
1207	-	RPIP(K)	-	12-071-06993	IRN	-	-
1208	-	RPIP(K)	-	12-071-06994	IRN	-	-
1209	-	RPIP(K)	-	12-071-06995	IRN	-	-
1210	-	RPIP(K)	-	12-071-06996	IRN	-	-
1211	-	RPIP(K)	-	12-071-06996	IRN	-	-
1212	-	RPIP(K)	-	12-071-06997	IRN	-	-
1213	-	RPIP(K)	-	12-071-06997	IRN	-	-
1214	-	RPIP(K)	-	12-071-06997	IRN	-	-
1215	-	RPIP(K)	-	12-071-06998	IRN	-	-
1216	-	RPIP(K)	-	12-071-06999	IRN	-	-
1217	-	RPIP(K)	-	12-071-07001	IRN	-	-
1218	-	RPIP(K)	-	12-071-07001	IRN	-	-
1219	-	RPIP(K)	-	12-071-07002	IRN	-	-
1220	-	RPIP(K)	-	12-071-07003	IRN	-	-
1221	-	RPIP(K)	-	12-071-07003	IRN	-	-
1222	-	RPIP(K)	-	12-071-07004	IRN	-	-
1223	-	RPIP(K)	-	12-071-07004	IRN	-	-
1224	-	RPIP(K)	-	12-071-07005	IRN	-	-
1225	-	RPIP(K)	-	12-071-07006	IRN	-	-
1226	-	RPIP(K)	-	12-071-07007	IRN	-	-
1227	-	RPIP(K)	-	12-071-07007	IRN	-	-
1228	-	RPIP(K)	-	12-071-07008	IRN	-	-
1229	-	RPIP(K)	-	12-071-07008	IRN	-	-
1230	-	RPIP(K)	-	12-071-07009	IRN	-	-
1231	-	RPIP(K)	-	12-071-07010	IRN	-	-
1232	-	RPIP(K)	-	12-071-07010	IRN	-	-
1233	-	RPIP(K)	-	12-071-07011	IRN	-	-
1234	-	RPIP(K)	-	12-071-07012	IRN	-	-
1235	-	RPIP(K)	-	12-071-07013	IRN	-	-
1236	-	RPIP(K)	-	12-071-07014	IRN	-	-
1237	-	RPIP(K)	-	12-071-07015	IRN	-	-
1238	-	RPIP(K)	-	12-071-07016	IRN	-	-
1239	-	RPIP(K)	-	12-071-07018	IRN	-	-
1240	-	RPIP(K)	-	12-071-07019	IRN	-	-

ILC DOOR	DOB0	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
1241	-	RPIP(K)	- 12-071-07020	IRN -	-
1242	-	RPIP(K)	- 12-071-07021	IRN -	-
1243	-	RPIP(K)	- 12-153-07022	TUR -	-
1244	-	RPIP(K)	- 12-153-04102	TUR -	-
1245	-	RPIP(K)	- 12-153-04102	TUR -	-
1246	-	RPIP(K)	- 12-100-06631	MAR -	-
1247	-	RPIP(K)	- 12-100-06636	MAR -	-
1248	DAS NO. 67	-	- G 153	- -	-
1249	DAS NO. 67	-	- G 153	- -	-
1250	DAS NO. 68	-	- G 155	- -	-
1251	DAS NO. 69	-	- G 152	- -	-
1252	DAS NO. 71X2	-	- G 154	- -	-
1253	DAS NO. 72	-	- G 156	- -	-
1254	DAS NO. 73	-	- G 156	- -	-
1255	DAS -	-	- -	- -	-
1256	DAS NO. 84	-	- PI 211722	AFG -	-
1257	DAS NO. 96	-	- PI 214311	IND -	-
1258	DAS NO. 100	-	- PI 215702	PER -	-
1259	DAS NO. 100	-	- PI 215702	PER -	-
1260	DAS NO. 110	-	- PI 222770	IRN -	-
1261	DAS NO. 118	-	- PI 249981	IRN -	-
1262	DAS NO. 118	-	- PI 249981	IRN -	-
1263	DAS NO. 118	-	- PI 249981	IRN -	-
1264	DAS NO. 119	-	- PI 249982	IRN -	-
1265	DAS NO. 120	-	- PI 250143	- -	-
1266	DAS NO. 124	-	- PI 251024	AFG -	-
1267	DAS NO. 124	-	- PI 251024	AFG -	-
1268	DAS -	-	- -	AFG -	-
1269	DAS NO. 128	-	- PI 251027	IRN -	-
1270	DAS NO. 128	-	- PI 251027	IRN -	-
1271	DAS -	-	- -	- -	-
1272	DAS NO. 134	-	- PI 253227	TUR -	-
1273	DAS NO. 136	-	- PI 254547	SYR -	-
1274	DAS NO. 137	-	- PI 254548	SYR -	-
1275	DAS NO. 138	-	- PI 254549	IRN -	-
1276	DAS -	-	- PI 254550	AFG -	-
1277	DAS -	-	- PI 254889	ESP -	-
1278	DAS -	-	- PI 268376	AFG -	-
1279	DAS -	-	- PI 292006	- -	-
1280	DAS -	-	- PI 292006	- -	-



ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
1281	DAS	-	-	-	PI 292006	-	-	-
1282	DAS	-	-	-	PI 292006	-	-	-
1283	DAS	-	-	-	PI 297270	-	-	-
1284	DAS	-	-	-	-	IND	-	-
1285	DAS	-	-	-	PI 315786	-	-	-
						IND	-	-
1286	DAS	-	-	-	PI 315793	-	-	-
1287	DAS	-	-	-	PI 315818	IND	-	-
1288	DAS	-	-	-	PI 315832	IND	-	-
1289	DAS	-	-	-	PI 339147	IND	-	-
1290	DAS	-	-	-	PI 339147	TUR	-	-
						TUR	-	-
1291	DAS	-	-	-	PI 339154	-	-	-
1292	DAS	-	-	-	PI 339162	TUR	-	-
1293	DAS	-	-	-	PI 339165	TUR	-	-
1294	DAS	-	-	-	PI 339165	TUR	-	-
1295	DAS	-	-	-	PI 339166	TUR	-	-
						TUR	-	-
1296	DAS	-	-	-	PI 339167	-	-	-
1297	DAS	-	-	-	PI 339182	TUR	-	-
1298	DAS	-	-	-	PI 339182	TUR	-	-
1299	DAS	-	-	-	PI 339186	TUR	-	-
1300	DAS	-	-	-	PI 339196	TUR	-	-
						TUR	-	-
1301	DAS	-	-	-	PI 339198	-	-	-
1302	DAS	-	-	-	PI 339200	TUR	-	-
1303	DAS	-	-	-	PI 339211	TUR	-	-
1304	DAS	-	-	-	PI 339218	TUR	-	-
1305	DAS	-	-	-	PI 339221	TUR	-	-
						TUR	-	-
1306	DAS	-	-	-	PI 339223	-	-	-
1307	DAS	-	-	-	Garb bulk increase	TUR	-	-
1308	-	-	-	-	-	TUR	-	-
1309	-	-	-	-	-	TUR	-	-
1310	-	-	AT	-	-	TUR	-	-
						DZA	Oran	-
1311	-	-	ICA	MAC	Bogata 1	COL	Bogata	-
1312	-	-	ARIN	AHC	Local variety	CYP	Nicosia	-
1313	-	-	-	-	Bolaba	ETH	Debre Zeit	-
1314	-	-	-	-	FAO 11	ETH	Debre Zeit	-
1315	-	-	-	-	DZ 10-1	ETH	-	-
						ETH	-	-
1316	-	-	-	-	DZ 10-4	-	-	-
1317	-	-	ALAD	ALAD	5C	ETH	-	-
1318	-	-	ALAD	ALAD	7C	AFG	Khanabd;Kunduz	Kabul market
1319	-	-	ALAD	ALAD	9C	AFG	Khanabad;Kunduz	Kabul market
1320	-	-	ALAD	ALAD	9C	AFG	Kunduz	Kabul market
						AFG	Kunduz	Kabul market

ILC DOOR	DONO	CLOR	COLL CLNO/FED	ORI PRO/TOWN	LOC/REH
1321 -	-	ALAD	ALAD 12C	AFG Chahab	Kabul market
1322 -	-	ALAD	ALAD 13C	AFG -	Kabul market
1323 -	-	ALAD	ALAD 13C	AFG -	Kabul market
1324 -	-	ALAD	ALAD 17C	AFG Badakhshan	Kabul market
1325 -	-	ALAD	ALAD 18C	AFG Chahab	Kabul market
1326 -	-	ALAD	ALAD 18C	AFG Chahab	Kabul market
1327 -	-	ALAD	ALAD 19C	AFG Badakhshan	Kabul market
1328 -	-	ALAD	ALAD 20C	AFG -	Kabul market
1329 -	-	ALAD	ALAD 20C	AFG -	Kabul market
1330 -	-	ALAD	ALAD 28C	AFG Khanabad;Kunduz	Kabul market
1331 -	-	ALAD	ALAD 28C	AFG Khanabad;Kunduz	Kabul market
1332 -	-	ALAD	ALAD 38C	AFG Khanabad;Kunduz	Kabul market
1333 -	-	ALAD	ALAD 38C	AFG Khanabad;Kunduz	Kabul market
1334 -	-	ALAD	ALAD 40C	AFG Khanabad;Kunduz	Kabul market
1335 -	-	ALAD	ALAD 44C	AFG Haiderchala;Kabul	-
1336 -	-	ALAD	ALAD 59C	AFG Jalmal Mina	Jalmal Mina market
1337 -	-	ALAD	ALAD 59C	AFG Jalmal Mina	Jalmal Mina market
1338 -	-	ALAD	ALAD 70C	AFG Quarabagh	Quarabagh market
1339 -	-	ALAD	ALAD 71C	AFG Quarabagh	Quarabagh market
1340 -	-	ALAD	ALAD 71C	AFG Khanabad;Kunduz	Quarabagh market
1341 -	-	ALAD	ALAD 73C	AFG Khanabad;Kunduz	Quarabagh market
1342 -	-	ALAD	ALAD 73C	AFG Khanabad;Kunduz	Quarabagh market
1343 -	-	ALAD	ALAD 80C	AFG Malkhan	-
1344 -	-	ALAD	ALAD 83C	AFG Pul-I-Khumri;Baghlan	Pul-I-Khumri market
1345 -	-	ALAD	ALAD 84C	AFG Pul-I-Khumri;Paghlan	Pul-I-Khumri market
1346 -	-	ALAD	ALAD 87C	AFG Khanabad;Kunduz	Pul-I-Khumri market
1347 -	-	ALAD	ALAD 91C	AFG Pul-I-Khumri;Baghlan	Pul-I-Khumri market
1348 -	-	ALAD	ALAD 92C	AFG Pul-I-Khumri;Baghlan	Pul-I-Khumri market
1349 -	-	ALAD	ALAD 99C	AFG Pul-I-Khumri;Baghlan	Pul-I-Khumri market
1350 -	-	ALAD	ALAD 99C	AFG Pul-I-Khumri;Baghlan	Pul-I-Khumri market
1351 -	-	ALAD	ALAD 100C	AFG Baghlan	Baghlan Res.Station
1352 -	-	ALAD	ALAD 100C	AFG Baghlan	Baghlan Res.Station
1353 -	-	ALAD	ALAD 103C	AFG Baghlan	Baghlan market
1354 -	-	ALAD	ALAD 106C	AFG Baghlan	Baghlan market
1355 -	-	ALAD	ALAD 106C	AFG Baghlan	Baghlan market
1356 -	-	ALAD	ALAD 111C	AFG Baghlan	Old Baghlan market
1357 -	-	ALAD	ALAD 114C	AFG Baghlan	Old Baghlan market
1358 -	-	ALAD	ALAD 114C	AFG Baghlan	Old Baghlan market
1359 -	-	ALAD	ALAD 116C	AFG Gird-Ab;Baghlan	-
1360 -	-	ALAD	ALAD 117C	AFG Ali-Abab	-

ILC	DOOR	DOFO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
1361	-	-	ALAD	ALAD	123C	AFG	Dasht-i-Archi; Kunduz	Kunduz market
1362	-	-	ALAD	ALAD	127C	AFG	Khanabad; Kunduz	Kunduz market
1363	-	-	ALAD	ALAD	141C	AFG	Chahab	Kunduz market
1364	-	-	ALAD	ALAD	143C	AFG	Khanabad; Kunduz	Khanabad market
1365	-	-	ALAD	ALAD	144C	AFG	Khanabad; Kunduz	Khanabad market
1366	-	-	ALAD	ALAD	144C	AFG	Khanabad; Kunduz	Khanabad market
1367	-	-	ALAD	ALAD	145C	AFG	Khanabad; Kunduz	Khanabad market
1368	-	-	ALAD	ALAD	146C	AFG	Khanabad; Kunduz	Khanabad market
1369	-	-	ALAD	ALAD	147C	AFG	Chahab	Khanabad market
1370	-	-	ALAD	ALAD	147C	AFG	Chahab	Khanabad market
1371	-	-	ALAD	ALAD	148C	AFG	Kunduz	Khanabad market
1372	-	-	ALAD	ALAD	148C	AFG	Kunduz	Khanabad market
1373	-	-	ALAD	ALAD	151C	AFG	Sandoog-Soy; Takhar	21km. from Khanabad
1374	-	-	ALAD	ALAD	152C	AFG	Sandoog-Soy; Takhar	-
1375	-	-	ALAD	ALAD	153C	AFG	Sandoog-Soy; Takhar	-
1376	-	-	ALAD	ALAD	154C	AFG	Khanabad; Arab-Qudak	-
1377	-	-	ALAD	ALAD	155C	AFG	Ashakchi	-
1378	-	-	ALAD	ALAD	156C	AFG	Bouraq; Takhar	-
1379	-	-	ALAD	ALAD	156C	AFG	Bouraq; Takhar	-
1380	-	-	ALAD	ALAD	157C	AFG	Bouraq; Takhar	-
1381	-	-	ALAD	ALAD	158C	AFG	Iskhamish; Takhar	Iskamish market
1382	-	-	ALAD	ALAD	158C	AFG	Iskhamish; Takhar	Iskamish market
1383	-	-	ALAD	ALAD	160C	AFG	Iskhamish; Takhar	Iskamish market
1384	-	-	ALAD	ALAD	162C	AFG	Iskhamish; Takhar	Iskamish market
1385	-	-	ALAD	ALAD	162C	AFG	Iskhamish; Takhar	Iskamish market
1386	-	-	ALAD	ALAD	163C	AFG	Iskhamish; Takhar	Iskamish market
1387	-	-	ALAD	ALAD	165C	AFG	Jibbel-Dagh; Baghlan	-
1388	-	-	ALAD	ALAD	166C	AFG	Khanabad; Kunduz	Narim market
1389	-	-	ALAD	ALAD	166C	AFG	Khanabad; Kunduz	Narim market
1390	-	-	ALAD	ALAD	171C	AFG	Khanabad; Kunduz	Narim market
1391	-	-	ALAD	ALAD	172C	AFG	Sheikh-Jalal	-
1392	-	-	ALAD	ALAD	173C	AFG	Majed-E-Jermi; Baghlan	-
1393	-	-	ALAD	ALAD	173C	AFG	Majed-E-Jermi; Baghlan	-
1394	-	-	ALAD	ALAD	193C	AFG	Bamian	Bamian market
1395	-	-	ALAD	ALAD	193C	AFG	Bamian	Bamian market
1396	-	-	ALAD	ALAD	223C	AFG	Charicar; Parwan	Charikar market
1397	-	-	ALAD	ALAD	223C	AFG	Charicar; Parwan	Charikar market
1398	-	-	ALAD	ALAD	231C	AFG	Khanabad; Kunduz	Charikar market
1399	-	-	ALAD	ALAD	231C	AFG	Khanabad; Kunduz	Charikar market
1400	-	-	ALAD	ALAD	234C	AFG	Takhar	Charikar market

ILC DOOR	DOMO	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REN
1401 -	-	ALAD	ALAD 234C	AFG Takhar	Charikar market
1402 -	-	ALAD	ALAD 235C	AFG Takhar	Charikar market
1403 -	-	ALAD	ALAD 235C	AFG Takhar	Charikar market
1404 -	-	ALAD	ALAD 236C	AFG Amberko;Khanabad	Charikar market
1405 -	-	ALAD	ALAD 237C	AFG Amberko;Khanabad	Charikar market
1406 -	-	ALAD	ALAD 237C	AFG Amberko;Khanabad	Charikar market
1407 -	-	ALAD	ALAD 239C	AFG Charikar	Charikar market
1408 -	-	ALAD	ALAD 239C	AFG Charikar	Charikar market
1409 -	-	ALAD	ALAD 241C	AFG Charikar	Charikar market
1410 -	-	ALAD	ALAD 241C	AFG Charikar	Charikar market
1411 -	-	ALAD	ALAD 244C	AFG Khanabad;Kunduz	Charikar market
1412 -	-	ALAD	ALAD 244C	AFG Khanabad;Kunduz	Charikar market
1413 -	-	ALAD	ALAD 247C	AFG Amberko;Khanabad	Charikar market
1414 -	-	ALAD	ALAD 247C	AFG Amberko;Khanabad	Charikar market
1415 -	-	ALAD	ALAD 248C	AFG Rostak	Charikar market
1416 -	-	ALAD	ALAD 254C	AFG Charikar;Parwan	Charikar market
1417 -	-	ALAD	ALAD 254C	AFG Charikar;Parwan	Charikar market
1418 -	-	ALAD	ALAD 259C	AFG Khanabad;Kunduz	Charikar market
1419 -	-	ALAD	ALAD 263C	AFG Kabul	Jalalabad market
1420 -	-	ALAD	ALAD 263C	AFG Kabul	Jalalabad market
1421 -	-	ALAD	ALAD 279C	AFG Khanabad;Kunduz	Jalalabad market
1422 -	-	ALAD	ALAD 279C	AFG Khanabad;Kunduz	Jalalabad market
1423 -	-	ALAD	ALAD 299C	AFG Jalalabad;Nangarhar	Jalalabad market
1424 -	-	ALAD	ALAD 299C	AFG Jalalabad;Nangarhar	Jalalabad market
1425 -	-	ALAD	ALAD 300C	AFG Kabul	Jalalabad market
1426 -	-	ALAD	ALAD 300C	AFG Kabul	Jalalabad market
1427 -	-	ALAD	ALAD 311C	AFG Jalalabad	Jalalabad market
1428 -	-	ALAD	ALAD 311C	AFG Jalalabad	Jalalabad market
1429 -	-	ALAD	ALAD 312C	AFG Kabul	Jalalabad market
1430 -	-	ALAD	ALAD 312C	AFG Kabul	Jalalabad market
1431 -	-	ALAD	ALAD 324C	AFG Ghazni	Ghazni market
1432 -	-	ALAD	ALAD 331C	AFG Wagaz;Ghazni	Ghazni market
1433 -	-	ALAD	ALAD 331C	AFG Wagaz;Ghazni	Ghazni market
1434 -	-	ALAD	ALAD 336C	AFG Wagaz;Ghazni	Ghazni market
1435 -	-	ALAD	ALAD 336C	AFG Wagaz;Ghazni	Ghazni market
1436 -	-	ALAD	ALAD 347C	AFG Ghazni	Ghazni market
1437 -	-	ALAD	ALAD 349C	AFG Ghazni	Ghazni market
1438 -	-	ALAD	ALAD 352C	AFG Tarson	Ghazni market
1439 -	-	ALAD	ALAD 352C	AFG Tarson	Ghazni market
1440 -	-	ALAD	ALAD 355C	AFG Wardak;Ghazni	Ghazni market

ILC DOOR	DOB	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
1441 -	-	ALAD	ALAD 355C	AFG Wardak;Ghazni	Ghazni market
1442 -	-	ALAD	ALAD 359C	AFG Mukur;Ghazni	-
1443 -	-	ALAD	ALAD 366C	AFG Mukur;Ghazni	-
1444 -	-	ALAD	ALAD 366C	AFG Mukur;Ghazni	-
1445 -	-	ALAD	ALAD 371C	AFG Argandhab;Kandahar	-
1446 -	-	ALAD	ALAD 373C	AFG Kandahar	Kandahar market
1447 -	-	ALAD	ALAD 379C	AFG Mazar-I-Sharif;Balkh	Kandahar market
1448 -	-	ALAD	ALAD 380C	AFG Herat	Kandahar market
1449 -	-	ALAD	ALAD 387C	AFG Herat	Kandahar market
1450 -	-	ALAD	ALAD 388C	AFG Mazar-I-Sharif;Balkh	Kandahar market
1451 -	-	ALAD	ALAD 388C	AFG Mazar-I-Sharif;Balkh	Kandahar market
1452 -	-	ALAD	ALAD 389C	AFG Mazar-I-Sharif;Balkh	Kandahar market
1453 -	-	ALAD	ALAD 398C	AFG Herat	Kandahar market
1454 -	-	ALAD	ALAD 400C	AFG Herat	Kandahar market
1455 -	-	ALAD	ALAD 400C	AFG Herat	Kandahar market
1456 -	-	ALAD	ALAD 405C	AFG Kandahar	Kandahar market
1457 -	-	ALAD	ALAD 405C	AFG Kandahar	Kandahar market
1458 -	-	ALAD	ALAD 408C	AFG Herat	Kandahar market
1459 -	-	ALAD	ALAD 409C	AFG Kandahar	Kandahar market
1460 -	-	ALAD	ALAD 414C	AFG Herat	Kandahar market
1461 -	-	ALAD	ALAD 415C	AFG Herat	Kandahar market
1462 -	-	ALAD	ALAD 415C	AFG Herat	Kandahar market
1463 -	-	ALAD	ALAD 421C	AFG Kandahar	Kandahar market
1464 -	-	ALAD	ALAD 421C	AFG Kandahar	Kandahar market
1465 -	-	ALAD	ALAD 423C	AFG Girishk	Girishk market
1466 -	-	ALAD	ALAD 423C	AFG Girishk	Girishk market
1467 -	-	ALAD	ALAD 427C	AFG Kabul	Girishk market
1468 -	-	ALAD	ALAD 431C	AFG Kandahar	Girishk market
1469 -	-	ALAD	ALAD 434C	AFG Herat	Girishk market
1470 -	-	ALAD	ALAD 434C	AFG Herat	Girishk market
1471 -	-	ALAD	ALAD 435C	AFG Girishk;Hermand	Girishk market
1472 -	-	ALAD	ALAD 435C	AFG Girishk;Hermand	Girishk market
1473 -	-	ALAD	ALAD 440C	AFG Herat	-
1474 -	-	ALAD	ALAD 440C	AFG Herat	-
1475 -	-	ALAD	ALAD 448C	AFG Herat	Herat market
1476 -	-	ALAD	ALAD 449C	AFG Herat	Herat market
1477 -	-	ALAD	ALAD 454C	AFG Herat	Herat market
1478 -	-	ALAD	ALAD 460C	AFG Herat	Herat market
1479 -	-	ALAD	ALAD 464C	AFG Herat	Herat market
1480 -	-	ALAD	ALAD 472C	AFG Herat	Herat market

ILC DOOR	DOBO	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
1481 -	-	ALAD	ALAD 472C	AFG Herat	Herat market
1482 -	-	ALAD	ALAD 473C	AFG Herat	Herat market
1483 -	-	ALAD	ALAD 475C	AFG Herat	Herat market
1484 -	-	ALAD	ALAD 479C	AFG Herat	Herat market
1485 -	-	ALAD	ALAD 480C	AFG Herat	Herat market
1486 -	-	ALAD	ALAD 484C	AFG Herat	Herat market
1487 -	-	ALAD	ALAD 485C	AFG Herat	Herat market
1488 -	-	ALAD	ALAD 486C	AFG Herat	Herat market
1489 -	-	ALAD	ALAD 486C	AFG Herat	Herat market
1490 -	-	ALAD	ALAD 487C	AFG Herat	Herat market
1491 -	-	ALAD	ALAD 488C	AFG Herat	Herat market
1492 -	-	ALAD	ALAD 488C	AFG Herat	Herat market
1493 -	-	ALAD	ALAD 492C	AFG Herat	Herat market
1494 -	-	ALAD	ALAD 493C	AFG Herat	Herat market
1495 -	-	ALAD	ALAD 501C	AFG Badighis	Herat market
1496 -	-	ALAD	ALAD 504C	AFG Herat	Herat market
1497 -	-	ALAD	ALAD 514C	AFG Herat	Herat market
1498 -	-	ALAD	ALAD 515C	AFG Herat	Herat market
1499 -	-	ALAD	ALAD 516C	AFG Herat	Herat market
1500 -	-	ALAD	ALAD 517C	AFG Badighis	-
1501 -	-	ALAD	ALAD 517C	AFG Badighis	-
1502 -	-	ALAD	ALAD 520C	AFG Kushk;Herat	Qala-I-Naw market
1503 -	-	ALAD	ALAD 521C	AFG Kushk;Herat	Qala-I-Naw market
1504 -	-	ALAD	ALAD 522C	AFG Mogur;Badigish	Qala-I-Naw market
1505 -	-	ALAD	ALAD 525C	AFG Qala-I-Naw;Badighis	Qala-I-Naw market
1506 -	-	ALAD	ALAD 526C	AFG Qala-I-Naw;Badighis	Qala-I-Naw market
1507 -	-	ALAD	ALAD 528C	AFG Qala-I-Naw;Badighis	Qala-I-Naw market
1508 -	-	ALAD	ALAD 528C	AFG Qala-I-Naw;Badighis	Qala-I-Naw market
1509 -	-	ALAD	ALAD 535C	AFG Herat	Balamurghab market
1510 -	-	ALAD	ALAD 539C	AFG Balamurghab;Badighis	Balamurghab market
1511 -	-	ALAD	ALAD 539C	AFG Balamurghab;Badighis	Balamurghab market
1512 -	-	ALAD	ALAD 541C	AFG Balamurghab;Badighis	Balamurghab market
1513 -	-	ALAD	ALAD 547C	AFG Balamurghab;Badighis	Balamurghab market
1514 -	-	ALAD	ALAD 548C	AFG Balamurghab;Badighis	Balamurghab market
1515 -	-	ALAD	ALAD 550C	AFG Balamurghab;Badighis	Balamurghab market
1516 -	-	ALAD	ALAD 551C	AFG Gahoor-Mash;Faryab	Gahoor-Mash market
1517 -	-	ALAD	ALAD 554C	AFG Kohistan;Badighis	Gahoor-Mash market
1518 -	-	ALAD	ALAD 555C	AFG Gahoor-Mash;Faryab	Gahoor-Mash market
1519 -	-	ALAD	ALAD 559C	AFG Chechacto;Faryab	Chechacto market
1520 -	-	ALAD	ALAD 561C	AFG Chechacto;Faryab	Chechacto market

ILC DOOR	DONO	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
1521 -	-	ALAD	ALAD 562C	AFG Chechacto;Faryab	Chechacto market
1522 -	-	ALAD	ALAD 563C	AFG Qaiser;Faryab	Chechacto market
1523 -	-	ALAD	ALAD 571C	AFG Kohistan;Badighis	Qaiser market
1524 -	-	ALAD	ALAD 574C	AFG Qaiser;Faryab	Qaiser market
1525 -	-	ALAD	ALAD 574C	AFG Qaiser;Faryab	Qaiser market
1526 -	-	ALAD	ALAD 576C	AFG Qaiser;Faryab	Qaiser market
1527 -	-	ALAD	ALAD 579C	AFG Almar;Qaiser	Almar 31km.from Qaiser
1528 -	-	ALAD	ALAD 581C	AFG Almar;Qaiser	Almar 31km.from Qaiser
1529 -	-	ALAD	ALAD 589C	AFG Maimana;Faryab	-
1530 -	-	ALAD	ALAD 595C	AFG Maimana;Faryab	-
1531 -	-	ALAD	ALAD 596C	AFG Maimana;Faryab	-
1532 -	-	ALAD	ALAD 596C	AFG Maimana;Faryab	-
1533 -	-	ALAD	ALAD 603C	AFG Maimana;Faryab	-
1534 -	-	ALAD	ALAD 603C	AFG Maimana;Faryab	-
1535 -	-	ALAD	ALAD 607C	AFG Maimana;Faryab	-
1536 -	-	ALAD	ALAD 607C	AFG Maimana;Faryab	-
1537 -	-	ALAD	ALAD 610C	AFG Gurzwan	Shabragan market
1538 -	-	ALAD	ALAD 610C	AFG Gurzwan	Shabragan market
1539 -	-	ALAD	ALAD 614C	AFG Shabragan	Shabragan market
1540 -	-	ALAD	ALAD 624C	AFG Shabragan	Shabragan market
1541 -	-	ALAD	ALAD 628C	AFG Daria-Souf;Samangan	Mazar-I-Sharif market
1542 -	-	ALAD	ALAD 628C	AFG Daria-Souf;Samangan	Mazar-I-Sharif market
1543 -	-	ALAD	ALAD 636C	AFG Mazar-I-Sharif;Balkh	Mazar-I-Sharif market
1544 -	-	ALAD	ALAD 640C	AFG Mazar-I-Sharif;Balkh	Mazar-I-Sharif market
1545 -	-	ALAD	ALAD 646C	AFG Mazar-I-Sharif;Balkh	Mazar-I-Sharif market
1546 -	-	ALAD	ALAD 648C	AFG Mazar-I-Sharif;Balkh	Mazar-I-Sharif market
1547 -	-	ALAD	ALAD 651C	AFG Mazar-I-Sharif;Balkh	Mazar-I-Sharif market
1548 -	-	ALAD	ALAD 659C	AFG Mazar-I-Sharif;Balkh	Mazar-I-Sharif market
1549 -	-	ALAD	ALAD 667C	AFG Daria-Souf;Samangan	Mazar-I-Sharif market
1550 -	-	ALAD	ALAD 670C	AFG Mazar-I-Sharif;Balkh	Mazar-I-Sharif market
1551 -	-	ALAD	ALAD 672C	AFG Mazar-I-Sharif;Balkh	Mazar-I-Sharif market
1552 -	-	ALAD	ALAD 675C	AFG Mazar-I-Sharif;Balkh	Mazar-I-Sharif market
1553 -	-	ALAD	ALAD 675C	AFG Mazar-I-Sharif;Balkh	Mazar-I-Sharif market
1554 -	-	ALAD	ALAD 676C	AFG Dehadi;Balkh	Mazar-I-Sharif market
1555 -	-	ALAD	ALAD 678C	AFG Balkh	Mazar-I-Sharif market
1556 -	-	ALAD	ALAD 685C	AFG -	-
1557 -	-	ALAD	ALAD 686C	AFG Balkh	Balkh market
1558 -	-	ALAD	ALAD 689C	AFG Mazar-I-Sharif;Balkh	Balkh market
1559 -	-	ALAD	ALAD 698C	AFG Dehadi;Balkh	Dhadi market
1560 -	-	ALAD	ALAD 703C	AFG Kholum;Samangan	-

ILC DOOR	DONO	CLOR	COLL C/NO/PED	ORI PRO/TOWN	LOC/REM
1561	--	ALAD	ALAD 709C	AFG Kholum;Samangan	--
1562	--	ALAD	ALAD 713C	AFG Kholum;Samangan	--
1563	--	ALAD	ALAD 713C	AFG Kholum;Samangan	--
1564	--	ALAD	ALAD 714C	AFG Kholum;Samangan	--
1565	--	ALAD	ALAD 719C	AFG Kholum;Samangan	--
1566	--	ALAD	ALAD 720C	AFG Mazar-I-Sharif;Balkh	--
1567	--	ALAD	ALAD 721C	AFG Daria-Souf;Samangan	--
1568	--	ALAD	ALAD 722C	AFG Kholum;Samangan	--
1569	--	ALAD	ALAD 722C	AFG Kholum;Samangan	--
1570	--	ALAD	ALAD 723C	AFG Daria-Souf;Samangan	--
1571	--	ALAD	ALAD 723C	AFG Daria-Souf;Samangan	--
1572	--	ALAD	ALAD 726C	AFG Samangan	--
1573	--	ALAD	ALAD 727C	AFG Daria-Souf;Samangan	--
1574	--	ALAD	ALAD 727C	AFG Daria-Souf;Samangan	--
1575	--	ALAD	ALAD 728C	AFG Samangan	--
1576	--	ALAD	ALAD 729C	AFG Samangan	--
1577	--	ALAD	ALAD 731C	AFG Mazar-I-Sharif;Balkh	--
1578	--	ALAD	ALAD 732C	AFG Samangan	--
1579	--	ALAD	ALAD 732C	AFG Samangan	--
1580	--	ALAD	ALAD 735C	AFG Umbarco;Takhar	Khanabad market
1581	--	ALAD	ALAD 735C	AFG Umbarco;Takhar	Khanabad market
1582	--	ALAD	ALAD 740C	AFG Umbarco;Takhar	Khanabad market
1583	--	ALAD	ALAD 740C	AFG Umbarco;Takhar	Khanabad market
1584	--	ALAD	ALAD 741C	AFG Khanabad;Kunduz	Khanabad market
1585	--	ALAD	ALAD 741C	AFG Khanabad;Kunduz	Khanabad market
1586	--	ALAD	ALAD 742C	AFG Khanabad;Kunduz	Khanabad market
1587	--	ALAD	ALAD 744C	AFG Umbarco;Takhar	Khanabad market
1588	--	ALAD	ALAD 744C	AFG Umbarco;Takhar	Khanabad market
1589	--	ALAD	ALAD 745C	AFG Karmancia;Takhar	Khanabad market
1590	--	ALAD	ALAD 746C	AFG Chahab	Khanabad market
1591	--	ALAD	ALAD 746C	AFG Chahab	Khanabad market
1592	--	ALAD	ALAD 747C	AFG Talakan;Takhar	Khanabad market
1593	--	ALAD	ALAD 747C	AFG Talakan;Takhar	Khanabad market
1594	--	ALAD	ALAD 749C	AFG Khanabad;Kunduz	Khanabad market
1595	--	ALAD	ALAD 750C	AFG Chahab	Khanabad market
1596	--	ALAD	ALAD 750C	AFG Chahab	Khanabad market
1597	--	ALAD	ALAD 751C	AFG Umbarco;Takhar	Khanabad market
1598	--	ALAD	ALAD 751C	AFG Umbarco;Takhar	Khanabad market
1599	--	ALAD	ALAD 752C	AFG Kishim;Badakhshan	Khanabad market
1600	--	ALAD	ALAD 752C	AFG Kishim;Badakhshan	Khanabad market



ILC DOOR	DONO	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
1601 -	-	ALAD	ALAD 753C	AFG Jalwsha;Takhar	Khanabad market
1602 -	-	ALAD	ALAD 753C	AFG Jalwsha;Takhar	Khanabad market
1603 -	-	ALAD	ALAD 754C	AFG Deh-Abad;Kunduz	Khanabad market
1604 -	-	ALAD	ALAD 754C	AFG Deh-Abad;Kunduz	Khanabad market
1605 -	-	ALAD	ALAD 755C	AFG Lalakai	Khanabad market
1606 -	-	ALAD	ALAD 755C	AFG Laiakxi	Khanabad market
1607 -	-	ALAD	ALAD 756C	AFG Lalakai	Khanabad market
1608 -	-	ALAD	ALAD 757C	AFG Qezelsoy	Khanabad market
1609 -	-	ALAD	ALAD 757C	AFG Qezelsoy	Khanabad market
1610 -	-	ALAD	ALAD 758C	AFG Deh-Abad;Kunduz	Khanabad market
1611 -	-	ALAD	ALAD 758C	AFG Deh-Abad;Kunduz	Khanabad market
1612 -	-	ALAD	ALAD 759C	AFG Talakan;Takhar	Talakan market
1613 -	-	ALAD	ALAD 759C	AFG Talakan;Takhar	Talakan market
1614 -	-	ALAD	ALAD 760C	AFG Calafgan;Takhar	Talakan market
1615 -	-	ALAD	ALAD 760C	AFG Calafgan;Takhar	Talakan market
1616 -	-	ALAD	ALAD 762C	AFG Talakan;Takhar	Talakan market
1617 -	-	ALAD	ALAD 762C	AFG Talakan;Takhar	Talakan market
1618 -	-	ALAD	ALAD 763C	AFG Talakan;Takhar	Talakan market
1619 -	-	ALAD	ALAD 763C	AFG Talakan;Takhar	Talakan market
1620 -	-	ALAD	ALAD 764C	AFG Talakan;Takhar	Talakan market
1621 -	-	ALAD	ALAD 764C	AFG Talakan;Takhar	Talakan market
1622 -	-	ALAD	ALAD 765C	AFG Talakan;Takhar	Talakan market
1623 -	-	ALAD	ALAD 766C	AFG Tundan Aftala;Takhar	Talakan market
1624 -	-	ALAD	ALAD 766C	AFG Tundan Aftala;Takhar	Talakan market
1625 -	-	ALAD	ALAD 767C	AFG Talakan;Takhar	Talakan market
1626 -	-	ALAD	ALAD 767C	AFG Talakan;Takhar	Talakan market
1627 -	-	ALAD	ALAD 770C	AFG Talakan;Takhar	Talakan market
1628 -	-	ALAD	ALAD 770C	AFG Talakan;Takhar	Talakan market
1629 -	-	ALAD	ALAD 771C	AFG Talakan;Takhar	Talakan market
1630 -	-	ALAD	ALAD 771C	AFG Talakan;Takhar	Talakan market
1631 -	-	ALAD	ALAD 772C	AFG Talakan;Takhar	Talakan market
1632 -	-	ALAD	ALAD 772C	AFG Talakan;Takhar	Talakan market
1633 -	-	ALAD	ALAD 773C	AFG Talakan;Takhar	Talakan market
1634 -	-	ALAD	ALAD 773C	AFG Talakan;Takhar	Talakan market
1635 -	-	ALAD	ALAD 774C	AFG Talakan;Takhar	Talakan market
1636 -	-	ALAD	ALAD 774C	AFG Talakan;Takhar	Talakan market
1637 -	-	ALAD	ALAD 775C	AFG Talakan;Takhar	Talakan market
1638 -	-	ALAD	ALAD 775C	AFG Talakan;Takhar	Talakan market
1639 -	-	ALAD	ALAD 776C	AFG Talakan;Takhar	Talakan market
1640 -	-	ALAD	ALAD 776C	AFG Talakan;Takhar	Talakan market

ILC DOOR	DONO	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
1641 -	-	ALAD	ALAD 777C	AFG Talakan;Takhar	Talakan market
1642 -	-	ALAD	ALAD 778C	AFG Talakan;Takhar	Talakan market
1643 -	-	ALAD	ALAD 778C	AFG Talakan;Takhar	Talakan market
1644 -	-	ALAD	ALAD 779C	AFG Khatayan;Badakhshan	Talakan market
1645 -	-	ALAD	ALAD 779C	AFG Khatayan;Badakhshan	-
1646 -	-	ALAD	ALAD 780C	AFG Khatayan;Badakhshan	-
1647 -	-	ALAD	ALAD 780C	AFG Khatayan;Badakhshan	-
1648 -	-	ALAD	ALAD 781C	AFG Khatayan;Badakhshan	-
1649 -	-	ALAD	ALAD 782C	AFG Astena-Teba;Badakhshan	-
1650 -	-	ALAD	ALAD 782C	AFG Astena-Teba;Badakhshan	-
1651 -	-	ALAD	ALAD 784C	AFG Astena-Teba;Badakhshan	-
1652 -	-	ALAD	ALAD 784C	AFG Astena-Teba;Badakhshan	-
1653 -	-	ALAD	ALAD 786C	AFG Astena-Teba;Badakhshan	-
1654 -	-	ALAD	ALAD 786C	AFG Astena-Teba;Badakhshan	-
1655 -	-	ALAD	ALAD 787C	AFG Kalafgan;Badakhshan	-
1656 -	-	ALAD	ALAD 787C	AFG Kalafgan;Badakhshan	-
1657 -	-	ALAD	ALAD 789C	AFG Kalafgan;Badakhshan	-
1658 -	-	ALAD	ALAD 789C	AFG Kalafgan;Badakhshan	-
1659 -	-	ALAD	ALAD 791C	AFG Kalafgan;Badakhshan	-
1660 -	-	ALAD	ALAD 791C	AFG Kalafgan;Badakhshan	-
1661 -	-	ALAD	ALAD 793C	AFG Kishim;Badakhshan	Old Kishim market
1662 -	-	ALAD	ALAD 793C	AFG Kishim;Badakhshan	Old Kishim market
1663 -	-	ALAD	ALAD 798C	AFG Kishim;Badakhshan	Old Kishim market
1664 -	-	ALAD	ALAD 798C	AFG Kishim;Badakhshan	Old Kishim market
1665 -	-	ALAD	ALAD 800C	AFG Kishim;Badakhshan	Old Kishim market
1666 -	-	ALAD	ALAD 800C	AFG Kishim;Badakhshan	Old Kishim market
1667 -	-	ALAD	ALAD 801C	AFG Sabezebuhar;Badakhshan	-
1668 -	-	ALAD	ALAD 801C	AFG Sabezebuhar;Badakhshan	-
1669 -	-	ALAD	ALAD 803C	AFG Sabezebuhar;Badakhshan	-
1670 -	-	ALAD	ALAD 803C	AFG Sabezebuhar;Badakhshan	-
1671 -	-	ALAD	ALAD 804C	AFG Samati;Badakhshan	-
1672 -	-	ALAD	ALAD 804C	AFG Samati;Badakhshan	-
1673 -	-	ALAD	ALAD 805C	AFG Faizabad;Badakhshan	Faizabad market
1674 -	-	ALAD	ALAD 805C	AFG Faizabad;Badakhshan	Faizabad market
1675 -	-	ALAD	ALAD 806C	AFG Faizabad;Badakhshan	Faizabad market
1676 -	-	ALAD	ALAD 806C	AFG Faizabad;Badakhshan	Faizabad market
1677 -	-	ALAD	ALAD 807C	AFG Faizabad;Badakhshan	Faizabad market
1678 -	-	ALAD	ALAD 807C	AFG Faizabad;Badakhshan	Faizabad market
1679 -	-	ALAD	ALAD 808C	AFG Faizabad;Badakhshan	Faizabad market
1680 -	-	ALAD	ALAD 808C	AFG Faizabad;Badakhshan	Faizabad market

ILC DOOR	DONO	CLOR	COLL CLNO/PED	ORI PRO/TOWA	LOC/REM
1681 -	-	ALAD	ALAD 809C	AFG Faizabad;Badakhshan	Faizabad market
1682 -	-	ALAD	ALAD 809C	AFG Faizabad;Badakhshan	Faizabad market
1683 -	-	ALAD	ALAD 810C	AFG Faizabad;Badakhshan	Faizabad market
1684 -	-	ALAD	ALAD 810C	AFG Faizabad;Badakhshan	Faizabad market
1685 -	-	ALAD	ALAD 813C	AFG Faizabad;Badakhshan	Faizabad market
1686 -	-	ALAD	ALAD 813C	AFG Faizabad;Badakhshan	Faizabad market
1687 -	-	ALAD	ALAD 814C	AFG Faizabad;Badakhshan	Faizabad market
1688 -	-	ALAD	ALAD 814C	AFG Faizabad;Badakhshan	Faizabad market
1689 -	-	ALAD	ALAD 816C	AFG Faizabad;Badakhshan	Faizabad market
1690 -	-	ALAD	ALAD 816C	AFG Faizabad;Badakhshan	Faizabad market
1691 -	-	ALAD	ALAD 818C	AFG Faizabad;Badakhshan	Faizabad market
1692 -	-	ALAD	ALAD 818C	AFG Faizabad;Badakhshan	Faizabad market
1693 -	-	ALAD	ALAD 819C	AFG Faizabad;Badakhshan	Faizabad market
1694 -	-	ALAD	ALAD 819C	AFG Faizabad;Badakhshan	Faizabad market
1695 -	-	ALAD	ALAD 822C	AFG Yaftal-Kajkham;Badakhshan	Faizabad market
1696 -	-	ALAD	ALAD 822C	AFG Yaftal-Kajkham;Badakhshan	Faizabad market
1697 -	-	ALAD	ALAD 823C	AFG Deh-Zendan;Badakhshan	Faizabad market
1698 -	-	ALAD	ALAD 823C	AFG -	Faizabad market
1699 -	-	ALAD	ALAD 824C	AFG Yaftal-Kajkham;Badakhshan	Faizabad market
1700 -	-	ALAD	ALAD 825C	AFG Faizabad;Badakhshan	Faizabad market
1701 -	-	ALAD	ALAD 825C	AFG Faizabad;Badakhshan	Faizabad market
1702 -	-	ALAD	ALAD 828C	AFG Faizabad;Badakhshan	Faizabad market
1703 -	-	ALAD	ALAD 828C	AFG Faizabad;Badakhshan	Faizabad market
1704 -	-	ALAD	ALAD 832C	AFG Faizabad;Badakhshan	Faizabad market
1705 -	-	ALAD	ALAD 832C	AFG Faizabad;Badakhshan	Faizabad market
1706 -	-	ALAD	ALAD 834C	AFG Faizabad;Badakhshan	Faizabad market
1707 -	-	ALAD	ALAD 834C	AFG Faizabad;Badakhshan	Faizabad market
1708 -	-	ALAD	ALAD 835C	AFG Faizabad;Badakhshan	Faizabad market
1709 -	-	ALAD	ALAD 835C	AFG Faizabad;Badakhshan	Faizabad market
1710 -	-	ALAD	ALAD 836C	AFG Faizabad;Badakhshan	Faizabad market
1711 -	-	ALAD	ALAD 836C	AFG Faizabad;Badakhshan	Faizabad market
1712 -	-	ALAD	ALAD 838C	AFG Faizabad;Badakhshan	Faizabad market
1713 -	-	ALAD	ALAD 838C	AFG Faizabad;Badakhshan	Faizabad market
1714 -	-	ALAD	ALAD 840C	AFG Faizabad;Badakhshan	Faizabad market
1715 -	-	ALAD	ALAD 840C	AFG Faizabad;Badakhshan	Faizabad market
1716 -	-	ALAD	ALAD 842C	AFG Faizabad;Badakhshan	Faizabad market
1717 -	-	ALAD	ALAD 842C	AFG Faizabad;Badakhshan	Faizabad market
1718 -	-	ALAD	ALAD 843C	AFG Yaftal;Badakhshan	Faizabad market
1719 -	-	ALAD	ALAD 843C	AFG Yaftal;Badakhshan	Faizabad market
1720 -	-	ALAD	ALAD 844C	AFG Faizabad;Badakhshan	Faizabad market

ILC DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REK
1721 -	-	ALAD	ALAD	844C	AFG Faizabad;Badakhshan	Faizabad market
1722 -	-	ALAD	ALAD	845C	AFG Faizabad;Badakhshan	Faizabad market
1723 -	-	ALAD	ALAD	845C	AFG Faizabad;Badakhshan	Faizabad market
1724 -	-	ALAD	ALAD	846C	AFG Faizabad;Badakhshan	Faizabad market
1725 -	-	ALAD	ALAD	846C	AFG Faizabad;Badakhshan	Faizabad market
1726 -	-	ALAD	ALAD	847C	AFG Faizabad;Badakhshan	Faizabad market
1727 -	-	ALAD	ALAD	847C	AFG Faizabad;Badakhshan	Faizabad market
1728 -	-	ALAD	ALAD	848C	AFG Faizabad;Badakhshan	Faizabad market
1729 -	-	ALAD	ALAD	848C	AFG Faizabad;Badakhshan	Faizabad market
1730 -	-	ALAD	ALAD	851C	AFG Kairabad;Badakhshan	-
1731 -	-	ALAD	ALAD	851C	AFG Kairabad;Badakhshan	-
1732 -	-	ALAD	ALAD	852C	AFG Barak;Badakhshan	-
1733 -	-	ALAD	ALAD	852C	AFG Barak;Badakhshan	-
1734 -	-	ALAD	ALAD	853C	AFG Faizabad;Badakhshan	-
1735 -	-	ALAD	ALAD	853C	AFG Faizabad;Badakhshan	-
1736 -	-	ALAD	ALAD	854C	AFG Barak;Badakhshan	-
1737 -	-	ALAD	ALAD	854C	AFG Barak;Badakhshan	-
1738 -	-	ALAD	ALAD	857C	AFG Barak;Badakhshan	-
1739 -	-	ALAD	ALAD	857C	AFG Barak;Badakhshan	-
1740 -	-	ALAD	ALAD	858C	AFG Dasti-Farakh;Badakhshan	-
1741 -	-	ALAD	ALAD	858C	AFG Dasti-Farakh;Badakhshan	-
1742 -	-	ALAD	ALAD	859C	AFG Dasti-Farakh;Badakhshan	-
1743 -	-	ALAD	ALAD	859C	AFG Dasti-Farakh;Badakhshan	-
1744 -	-	ALAD	ALAD	862C	AFG Jerm;Badakhshan	-
1745 -	-	ALAD	ALAD	862C	AFG Jerm;Badakhshan	-
1746 -	-	ALAD	ALAD	864C	AFG Jerm;Badakhshan	-
1747 -	-	ALAD	ALAD	864C	AFG Jerm;Badakhshan	-
1748 -	-	ALAD	ALAD	865C	AFG Katafghan	-
1749 -	-	ALAD	ALAD	865C	AFG Katafghan	-
1750 -	-	ALAD	ALAD	866C	AFG Faizabad;Badakhshan	-
1751 -	-	ALAD	ALAD	866C	AFG Faizabad;Badakhshan	-
1752 -	-	ALAD	ALAD	867C	AFG Pata-Gazar	-
1753 -	-	ALAD	ALAD	867C	AFG Pata-Gazar	-
1754 -	-	ALAD	ALAD	869C	AFG Katafghan	-
1755 -	-	ALAD	ALAD	870C	AFG Katafghan	-
1756 -	-	ALAD	ALAD	870C	AFG Katafghan	-
1757 -	-	ALAD	ALAD	871C	AFG Katafghan	-
1758 -	-	IIA	CC	1054	CHL Santiago	-
1759 -	-	IIA	CC	1056	CHL Santiago	-
1760 -	-	IIA	CC	1064	CHL Santiago	-

ILC DOOR	DOBQ	CIOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
1761 -	-	IIA	CC	1081	CHL Santiago	-
1762 -	-	IIA	CC	1082	CHL Santiago	-
1763 -	-	IIA	CC	1083	CHL Santiago	-
1764 -	-	IIA	CC	1158	CHL Santiago	-
1765 -	-	IIA	CC	1159	CHL Santiago	-
1766 -	-	IIA	CC	1160	CHL Santiago	-
1767 -	-	IIA	CC	1162	CHL Santiago	-
1768 -	-	IIA	CC	1163	CHL Santiago	-
1769 -	-	IIA	CC	1164	CHL Santiago	-
1770 -	-	IIA	CC	1171	CHL Santiago	-
1771 -	-	IIA	CC	1200	CHL Santiago	-
1772 -	-	IIA	CC	1201	CHL Santiago	-
1773 -	-	IIA	CC	1201	CHL Santiago	-
1774 -	-	IIA	CC	1202	CHL Santiago	-
1775 -	-	IIA	CC	1203	CHL Santiago	-
1776 -	-	IIA	-	1204	CHL Santiago	-
1777 -	-	IIA	-	1205	CHL Santiago	-
1778 -	-	IIA	CC	1206	CHL Santiago	-
1779 -	-	AGRICOL	-	GAM	IRN -	-
1780 -	-	-	-	808C	AFG -	-
1781 -	-	IARI	BRM	P4251	IRN -	-
1782 -	-	IARI	BRM	ICP73	LBN -	-
1783 -	-	IARI	BRM	ICP75	LBN -	-
1784 -	-	IARI	BRM	ICP111	MAR -	-
1785 -	-	IARI	BRM	ICP112	MAR -	-
1786 -	-	IARI	BRM	ICP115	MAR -	-
1787 -	-	IARI	BRM	ICP67	JOR -	-
1788 -	-	IARI	BRM	ICP69	JOR -	-
1789 -	-	IARI	BRM	ICP70	JOR -	-
1790 -	-	IARI	BRM	ICP71	JOR -	-
1791 -	-	-	KR	-	SYR Idlib	Jisir El Shoghour market
1792 -	-	-	KR	-	SYR Idlib	Jisir El Shoghour market
1793 -	-	-	YA	Shawback 1	JOR -	-
1794 -	-	-	YA	Shawback 2	JOR -	-
1795 -	-	-	GCH	Sample 1	TUN -	Tunis market
1796 -	-	-	GCH	Sample 2	TUN -	Tunis market
1797 -	-	-	GCH	Sample 3	TUN -	Tunis market
1798 -	-	-	GCH	Sample 4	TUN -	Tunis market
1799 -	-	-	IT	Idlib Local	SYR -	-
1800 -	-	-	IT	Lattakia Local	SYR Idlib	-

ILC DOOR	DOB0	CLOR	COLL	CLNO/PED	ORI PRO/TOWE	LOC/REH
1801	-	-	IT	Rusta Local	SYR Idlib	-
1802	-	-	IT	Homs Local 1	SYR Homs	-
1803	-	-	IT	Homs Local 2	SYR Homs	-
1804	-	-	IT	Homs Local 3	SYR Homs	-
1805	ICRISAT ICC 377	RPIP(D)	-	P-280	IND Bihar	-
1806	ICRISAT ICC 1157	-	-	P-1069(4445-1-7)	PAK -	-
1807	ICRISAT ICC 2330	-	-	-	-	-
1808	ICRISAT ICC 2335	-	-	-	-	-
1809	ICRISAT ICC 2352	-	-	-	-	-
1810	ICRISAT ICC 2398	-	-	P-2172(0368-0345)	-	-
1811	ICRISAT ICC 2400	MAI	-	P-2173-1(0369-0346)	IRN Ghochan	-
1812	ICRISAT ICC 2405	MAI	-	P-2176-1	IRN Ghochan	-
1813	ICRISAT ICC 2409	MAI	-	P-2180(0325-0353)	IRN Ghochan	-
1814	ICRISAT ICC 2417	MAI	-	P-2189(0383-0362)	IRN Ghochan	-
1815	ICRISAT ICC 2438	RPIP(D)	-	P-2219	IRN -	-
1816	ICRISAT ICC 2442	MAI	-	P-2222(0413-0395)	IRN Ghochan	-
1817	ICRISAT ICC 2444	-	-	-	-	-
1818	ICRISAT ICC 2452	MAI	-	P-2236-2	IRN Ghochan	-
1819	ICRISAT ICC 2456	-	-	-	-	-
1820	ICRISAT ICC 2460	-	-	-	-	-
1821	ICRISAT ICC 2470	MAI	-	P-2263-1	IRN Ghochan	-
1822	ICRISAT ICC 2472	MAI	-	P-2264(0451-0437)	IRN Ghochan	-
1823	ICRISAT ICC 2481	MAI	-	P-2293(0477-0466)	IRN Esfahan	-
1824	ICRISAT ICC 2486	MAI	-	P-2338(0517-0511)	IRN Esfahan	-
1825	ICRISAT ICC 2487	MAI	-	P-2340-1	IRN Ghochan	-
1826	ICRISAT ICC 2489	MAI	-	P-2343-2	IRN Ghochan	-
1827	ICRISAT ICC 2518	MAI	-	P-2398(0572-0571)	IRN Ghochan	-
1828	ICRISAT ICC 2844	MAI	-	P-3138(1285-1311)	IRN Kermanshah	-
1829	ICRISAT ICC 2558	MAI	-	P-2548(0712-0721)	IRN Mazandaran	-
1830	ICRISAT ICC 2561	MAI	-	P-2552(0716-0725)	IRN Mazandaran	-
1831	ICRISAT ICC 2569	MAI	-	P-2566(0732-0739)	IRN Neyshabur	-
1832	ICRISAT ICC 2579	MAI	-	P-2580(0744-0753)	IRN Neyshabur	-
1833	ICRISAT ICC 2586	MAI	-	P-2592(0755-0765)	IRN Neyshabur	-
1834	ICRISAT ICC 2588	-	-	P-2598(0760-0771)	IRN -	-
1835	ICRISAT ICC 2590	MAI	-	P-2600	IRN Neyshabur	-
1836	ICRISAT ICC 2593	MAI	-	P-2602(0763-0773)	IRN Neyshabur	-
1837	ICRISAT ICC 2596	MAI	-	P-2606(0769-0779)	IRN Neyshabur	-
1838	ICRISAT ICC 2603	RPIP(D)	-	P-2617	IRN -	-
1839	ICRISAT ICC 2605	MAI	-	P-2618(0780-0791)	IRN Neyshabur	-
1840	ICRISAT ICC 2606	-	-	P-2619(0782-0792)	IRN -	-

ILC	DOOR	DONO	CLOR	COLL	CLWO/PED	ORI	PRO/TOWN	LOC/REM
1841	ICRISAT	ICC 2609	-	-	P-2619-3	IRN	-	-
1842	ICRISAT	ICC 2612	MAI	-	P-2621-1	IRN	Neyshabur	-
1843	ICRISAT	ICC 2624	RPIP(D)	-	P-2637-2	IRN	-	-
1844	ICRISAT	ICC 2626	-	-	P-2639(0809-0812)	IRN	-	-
1845	ICRISAT	ICC 2631	-	-	-	-	-	-
1846	ICRISAT	ICC 2636	-	-	P-2651(0823-0824)	IRN	-	-
1847	ICRISAT	ICC 2639	MAI	-	P-2654(0827-0827)	IRN	Neyshabur	-
1848	ICRISAT	ICC 2645	-	-	P-2663(0835-0836)	IRN	-	-
1849	ICRISAT	ICC 2657	MAI	-	P-2683-1	IRN	Neyshabur	-
1850	ICRISAT	ICC 2661	RPIP(D)	-	P-2687	IRN	-	-
1851	ICRISAT	ICC 2668	-	-	P-2696(0869-0869)	IRN	-	-
1852	ICRISAT	ICC 2684	-	-	P-2730(0899-0903)	IRN	-	-
1853	ICRISAT	ICC 2701	MAI	-	P-2788(0951-0961)	IRN	Neyshabur	-
1854	ICRISAT	ICC 2725	RPIP(D)	-	P-2837	IRN	-	-
1855	ICRISAT	ICC 2734	RPIP(D)	-	P-2862(1023-1035)	IRN	Ardebil	-
1856	ICRISAT	ICC 2955	RPIP(D)	-	P-3387	IRN	-	-
1857	ICRISAT	ICC 2966	MAI	-	P-3425(1561-1598)	IRN	1860	-
1858	ICRISAT	ICC 2997	RPIP(D)	-	P-3467	IRN	-	-
1859	ICRISAT	ICC 3042	RPIP(D)	-	P-3547	IRN	-	-
1860	ICRISAT	ICC 3097	MAI	-	P-3610-1	IRN	Karaj	-
1861	ICRISAT	ICC 3243	MAI	-	P-3818(1944-1991)	IRN	Jiroft	-
1862	ICRISAT	ICC 3268	MAI	-	P-3852(1979-2025)	IRN	Torbat Shadmehre	-
1863	ICRISAT	ICC 3304	MAI	-	P-3935(2064-2108)	IRN	Torbat Shadmehre	-
1864	ICRISAT	ICC 3315	MAI	-	P-3956(2084-2129)	IRN	Torbat Shadmehre	-
1865	ICRISAT	ICC 3344	-	-	P-4008(2132-2181)	IRN	-	-
1866	ICRISAT	ICC 3382	-	-	P-4065-1	IRN	-	-
1867	ICRISAT	ICC 4254	MAI	-	P-5163(2874-0929)	IRN	AHar	-
1868	ICRISAT	ICC 4258	MAI	-	P-5188(2986-0954)	IRN	AHar	-
1869	ICRISAT	ICC 4457	MAI	-	P-5467(309M)	IRN	Neyshabur	-
1870	ICRISAT	ICC 4754	RPIP(K)	-	P-6366(0822-5057)	IRN	Neyshabur	-
1871	ICRISAT	ICC 4928	PAU	-	C 104	IND	Punjab	-
1872	ICRISAT	ICC 5247	PAU	-	GL 625	IND	Punjab	-
1873	ICRISAT	ICC 5253	PAU	-	GL 633	IND	Punjab	-
1874	ICRISAT	ICC 5298	PAU	-	L 287	IND	Punjab	-
1875	ICRISAT	ICC 5299	PAU	-	L 299	IND	Punjab	-
1876	ICRISAT	ICC 5336	PAU	-	NO.99	IND	Maharashtra	-
1877	ICRISAT	ICC 5339	PAU	-	NO.163	IND	Maharashtra	-
1878	ICRISAT	ICC 5341	PAU	-	NO.477	IND	Maharashtra	-
1879	ICRISAT	ICC 5407	PAU	-	PB-1	IND	Ludhiana;Punjab	-
1880	ICRISAT	ICC 5809	ARS	-	H.Sagar-29-11	IND	Maharashtra	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
1881	ICRISAT	ICC 5842	ARS	-	Namdurbar-895	IND	Maharashtra	-
1882	ICRISAT	ICC 6011	ARS	-	WFWG 2	IND	Maharashtra	-
1883	ICRISAT	ICC 6012	ARS	-	WFWG 3	IND	Maharashtra	-
1884	ICRISAT	ICC 6041	JNKVV	-	JG 7	IND	Madhya Pradesh	-
1885	ICRISAT	ICC 6043	JNKVV	-	JG 9	IND	Madhya Pradesh	-
1886	ICRISAT	ICC 6051	JNKVV	-	JG 17	IND	Madhya Pradesh	-
1887	ICRISAT	ICC 6053	JNKVV	-	JG 20	IND	Madhya Pradesh	-
1888	-	-	-	-	Entry 2	ECU	-	-
1889	ICRISAT	-	ICRISAT	LJGM	JM 2755-1	TUR	-	-
1890	ICRISAT	-	ICRISAT	LJGM	JM 2755-2	TUR	-	-
1891	ICRISAT	-	ICRISAT	LJGM	JM 2755-3	TUR	-	-
1892	ICRISAT	-	ICRISAT	LJGM	JM 2762-1	TUR	-	-
1893	ICRISAT	-	ICRISAT	LJGM	JM 2762-2	TUR	-	-
1894	ICRISAT	-	ICRISAT	LJGM	JM 2762-4	TUR	-	-
1895	-	-	-	-	SL 133-78/59837	-	-	-
1896	-	-	-	-	SL 913-78/59847	-	-	-
1897	-	-	-	-	NO 1	SYR	El Hassaka	Djeziri
1898	-	-	-	-	NO 2	SYR	Aleppo	-
1899	-	-	-	-	NO 4	SYR	Khansafra	-
1900	-	-	-	-	NO 8	SYR	Hama	-
1901	-	-	-	-	NO 9	SYR	-	-
1902	-	-	-	-	NO 11	SYR	Tartous	-
1903	-	-	-	-	NO 12	SYR	Banias	-
1904	-	-	-	-	NO 13	SYR	Homs	-
1905	-	-	-	-	NO 15	SYR	Izra'a	-
1906	-	-	-	-	NO 16	SYR	Sheikh Muskin	-
1907	-	-	-	-	NO 18	SYR	Douma	-
1908	-	-	-	-	NO.19 (FAO-10010)	-	-	-
1909	-	-	-	-	NO.20 (FAO-10002)	-	-	-
1910	-	-	-	-	NO.22 (FAO)	-	-	-
1911	-	-	-	-	NO.466 (Spain)	ESP	-	-
1912	-	-	-	-	P.A.N.9 G 0333 Birgani	-	-	-
1913	-	-	-	-	Hamdoun 8	-	-	-
1914	-	-	-	-	Market sample	JOR	Amman	Amman market
1915	-	-	-	-	Market sample	JOR	Maan	Maan market
1916	-	-	-	-	-	JOR	Shawbak	-
1917	-	-	-	-	Market sample	JOR	Maan	Maan market
1918	-	-	-	-	-	JOR	Shara Mountain	Farmer coll.
1919	ICRISAT	ICC 4973	PAU	-	L 550	IND	Punjab	-
1920	ICRISAT	ICC 4962	PAU	-	K-4	IND	Uttar Pradesh	-



ILC DOOR	DONO	CLOR	COLL	CLBO/PED	ORI PRO/TOWN	LOC/REM
1921	ICRISAT -	-	-	P2264	- -	-
1: 22	ICRISAT ICC 4993	PAU	-	Rabat	MAR Rabat	-
1923	ICRISAT ICC 4928	PAU	-	C 104	IND Punjab	-
1924	ICRISAT ICC 8288	GAC	-	K 1071	IND Uttar Pradesh	-
1925	ICRISAT ICC 2440	MAI	-	P-2221(0412-0394)	IRN -	-
1926	ICRISAT ICC 5250	PAU	-	GL 769	IND Ludhiana;Punjab	-
1927	ICRISAT ICC 6053	JNKVV	-	JG-20	IND Jabalpur;M.P.	-
1928	ICRISAT ICC 5264	PAU	-	GL-645	IND Ludhiana;Punjab	-
1929	-	ICARDA	-	Syrian Local	SYR -	-
1930	-	ICARDA	-	Lebanese Local	LBN -	-
1931	-	ICARDA	-	Turkish Local	TUR -	-
1932	-	ICARDA	-	Jordan Local	JOR -	-
1933	-	ICARDA	-	Sudanese Local	SDN -	-
1934	-	ICARDA	-	Iranian Local	IRN -	-
1935	ICRISAT ICC 123	-	-	-	- -	-
1936	ICRISAT ICC 130	-	-	-	- -	-
1937	ICRISAT ICC 162	RPIP(D)	-	P 136-1	IND Uttar Pradesh	-
1938	ICRISAT ICC 241	RPIP(D)	-	P 191-1	IND Uttar Pradesh	-
1939	ICRISAT ICC 336	RPIP(D)	-	P 250-1	IND Uttar Pradesh	-
1940	ICRISAT ICC 356	RPIP(D)	-	P 267-1	IND Uttar Pradesh	-
1941	ICRISAT ICC 377	RPIP(D)	-	P 280	IND Bihar	-
1942	ICRISAT ICC 380	RPIP(D)	-	P 281-1	IND Bihar	-
1943	ICRISAT ICC 388	RPIP(D)	-	P 286-2	IND Bihar	-
1944	ICRISAT ICC 392	RPIP(D)	-	P 289-1	IND Bihar	-
1945	ICRISAT ICC 483	RPIP(D)	-	P 366-1	IND Uttar Pradesh	-
1946	ICRISAT ICC 537	IARI	-	P 422(NP 38)	IND Delhi	-
1947	ICRISAT ICC 597	IARI	-	P 472-1	IND Bihar	-
1948	ICRISAT ICC 703	-	-	-	- -	-
1949	ICRISAT ICC 929	IARI	-	P 736-2	IND Delhi	-
1950	ICRISAT ICC 950	IARI	-	P 748-1	IND Delhi	-
1951	ICRISAT ICC 953	IARI	-	P 750-1	IND Delhi	-
1952	ICRISAT ICC 962	IARI	-	P 769(WT.-14)	IND -	-
1953	ICRISAT ICC 1001	IARI	-	P 813-1	MEX -	-
1954	ICRISAT ICC 1008	IARI	-	P 834 (NO.51)	MAR -	-
1955	ICRISAT ICC 1015	IARI	-	P 844 (NO.67)	MAR -	-
1956	ICRISAT ICC 1032	IARI	-	P 864	IND Uttar Pradesh	-
1957	ICRISAT ICC 1130	WRPIS	-	P 1025-1	IND -	-
1958	ICRISAT ICC 1139	GAC	-	P 1036 (W 88)	IND Uttar Pradesh	-
1959	ICRISAT ICC 1141	GAC	-	P 1037-1	IND Uttar Pradesh	-
1960	ICRISAT ICC 1142	GAC	-	P 1041 (321)	IND Uttar Pradesh	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
1961	ICRISAT	ICC 1159	GAC	-	P 1071 (Kapurthala 3)	IND	Punjab	-
1962	ICRISAT	ICC 1162	-	-	-	-	-	-
1963	ICRISAT	ICC 1172	GAC	-	P 1100-2	IND	Uttar Pradesh	-
1964	ICRISAT	ICC 1350	GAC	-	P 1213-2	IND	Uttar Pradesh	-
1965	ICRISAT	ICC 1355	-	-	-	-	-	-
1966	ICRISAT	ICC 1455	GAC	-	P 1272-2	IND	Uttar Pradesh	-
1967	ICRISAT	ICC 1461	GAC	-	P 1276-1	IND	Uttar Pradesh	-
1968	ICRISAT	ICC 1528	GAC	-	P 1311 (280-1)	IND	Uttar Pradesh	-
1969	ICRISAT	ICC 1703	GAC	-	P 1411-1	IND	Uttar Pradesh	-
1970	ICRISAT	ICC 1704	GAC	-	P 1411-2	IND	Uttar Pradesh	-
1971	ICRISAT	ICC 1784	GAC	-	P 1455 (6140)	IND	Uttar Pradesh	-
1972	ICRISAT	ICC 1842	GAC	-	P 1487-1	IND	-	-
1973	ICRISAT	ICC 1926	IARI	-	P 1555 (EC 34541)	IND	New Delhi	-
1974	ICRISAT	ICC 2019	PAU	-	P 1628-1	IND	Ludhiana;Punjab	-
1975	ICRISAT	ICC 2078	PAU	-	P 1675-1	MEX	-	-
1976	ICRISAT	ICC 2107	-	-	-	-	-	-
1977	ICRISAT	ICC 2138	PAU	-	P 1716-1	MEX	-	-
1978	ICRISAT	ICC 2247	MAI	-	P 1830 (0003-0003)	IRN	PKPS	-
1979	ICRISAT	ICC 2257	MAI	-	P 1853-A (0027-0026)	IRN	PKPS	-
1980	ICRISAT	ICC 2268	MAI	-	P 1867 (40 Ghazvin Local)	IRN	Ghazvin	-
1981	ICRISAT	ICC 2271	RPIP(D)	-	P 1872-1	IRN	PKPS	-
1982	ICRISAT	ICC 2272	MAI	-	P 1873 (0045-0046)	IRN	PKPS	-
1983	ICRISAT	ICC 2275	MAI	-	P 1881 (0052-0054)	IRN	PKPS	-
1984	ICRISAT	ICC 2277	RPIP(D)	-	P 1883-1	IRN	PKPS	-
1985	ICRISAT	ICC 2281	RPIP(D)	-	P 1884-2	IRN	-	-
1985	ICRISAT	ICC 2282	MAI	-	P 1885 (0056-0058)	IRN	PKPS	-
1987	ICRISAT	ICC 2285	-	-	-	-	-	-
1988	ICRISAT	ICC 2288	RPIP(D)	-	P 1918-1	IRN	PKPS	-
1989	ICRISAT	ICC 2289	MAI	-	P 1920 (0087-0093)	IRN	PKPS	-
1990	ICRISAT	ICC 2291	-	-	-	-	-	-
1991	ICRISAT	ICC 2296	WRPIS	-	P 1946	IND	-	-
1992	ICRISAT	ICC 2297	WRPIS	-	P 1949	IRN	-	-
1993	ICRISAT	ICC 2298	WRPIS	-	P 1953	AFG	-	-
1994	ICRISAT	ICC 2299	WRPIS	-	P 1954/137/127	ESP	-	-
1995	ICRISAT	ICC 2300	WRPIS	-	P 1954-1	ESP	-	-
1996	ICRISAT	ICC 2308	RPIP(D)	-	P 1978-1	IRN	Ghazvin	-
1997	ICRISAT	ICC 2309	MAI	-	P 1981 (0162-0154)	IRN	Azarshahre	-
1998	ICRISAT	ICC 2319	MAI	-	P 1989 (0169-0162)	IRN	Darreh-Gaz	-
1999	ICRISAT	ICC 2320	RPIP(D)	-	P 1992	IRN	-	-
2000	ICRISAT	ICC 2327	MAI	-	P 2003-1	IRN	Moghan	-

ILC	DOOR	DOHO	CLOR	COLL	CLFO/PED	ORI	PRO/TOWN	LOC/REM
2001	ICRISAT	ICC 2332	MAI	-	P 2010 (Iran 0189-0183)	IRN	-	-
2002	ICRISAT	ICC 2338	-	-	-	-	-	-
2003	ICRISAT	ICC 2340	-	-	-	-	-	-
2004	ICRISAT	ICC 2343	RPIP(D)	-	P 2032	IRN	-	-
2005	ICRISAT	ICC 2350	-	-	-	-	-	-
2006	ICRISAT	ICC 2351	-	-	-	-	-	-
2007	ICRISAT	ICC 2361	RPIP(D)	-	P 2100-1	IRN	-	-
2008	ICRISAT	ICC 2365	MAI	-	P 2105 (0305-0278)	IRN	-	-
2009	ICRISAT	ICC 2368	-	-	-	-	-	-
2010	ICRISAT	ICC 2373	-	-	-	-	-	-
2011	ICRISAT	ICC 2384	-	-	-	-	-	-
2012	ICRISAT	ICC 2387	MAI	-	P 2159 (0356-0332)	IRN	-	-
2013	ICRISAT	ICC 2389	MAI	-	P 2163 (0360-0336)	IRN	Ghochan	-
2014	ICRISAT	ICC 2391	RPIP(D)	-	P 2164-1	IRN	-	-
2015	ICRISAT	ICC 2393	MAI	-	P 2166 (0363-0339)	IRN	-	-
2016	ICRISAT	ICC 2394	RPIP(D)	-	P 2167	IRN	-	-
2017	ICRISAT	ICC 2395	-	-	-	-	-	-
2018	ICRISAT	ICC 2402	-	-	-	-	-	-
2019	ICRISAT	ICC 2403	MAI	-	P 2175 (0371-0348)	IRN	-	-
2020	ICRISAT	ICC 2404	MAI	-	P 2176 (0372-0349)	IRN	-	-
2021	ICRISAT	ICC 2406	MAI	-	P 2178 (0373-0351)	IRN	-	-
2022	ICRISAT	ICC 2407	RPIP(D)	-	P 2178-1	IRN	Ghochan	-
2023	ICRISAT	ICC 2408	RPIP(D)	-	P 2178-2	IRN	Ghochan	-
2024	ICRISAT	ICC 2411	RPIP(D)	-	P 2181-1	IRN	-	-
2025	ICRISAT	ICC 2412	-	-	-	-	-	-
2026	ICRISAT	ICC 2413	MAI	-	P 2185 (0380-0358)	IRN	-	-
2027	ICRISAT	ICC 2414	MAI	-	P 2186 (0381-0359)	IRN	Ghochan	-
2028	ICRISAT	ICC 2415	RPIP(D)	-	P 2187	IRN	-	-
2029	ICRISAT	ICC 2416	MAI	-	P 2188 (0382-0361)	IRN	Ghochan	-
2030	ICRISAT	ICC 2418	MAI	-	P 2191 (0385-0364)	IRN	-	-
2031	ICRISAT	ICC 2419	MAI	-	P 2192 (0386-0365)	IRN	Ghochan	-
2032	ICRISAT	ICC 2420	MAI	-	P 2193 (0387-0366)	IRN	-	-
2033	ICRISAT	ICC 2421	MAI	-	P 2194 (0388-0367)	IRN	Ghochan	-
2034	ICRISAT	ICC 2422	MAI	-	P 2198 (0391-0371)	IRN	-	-
2035	ICRISAT	ICC 2426	RPIP(L)	-	P 2202-1	IRN	-	-
2036	ICRISAT	ICC 2428	MAI	-	P 2203 (0396-0376)	IRN	-	-
2037	ICRISAT	ICC 2429	MAI	-	P 2204 (0397-0377)	IRN	-	-
2038	ICRISAT	ICC 2431	RPIP(D)	-	P 2205	IRN	-	-
2039	ICRISAT	ICC 2432	RPIP(D)	-	P 2207	IRN	-	-
2040	ICRISAT	ICC 2434	RPIP(D)	-	P 2208-1	IRN	-	-

ILC	DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REN
2041	ICRISAT	ICC	2435	RPIP(D)	- P 2213	IRN	-	-
2042	ICRISAT	ICC	2436	MAI	- P 2215 (0407-0388)	IRN	-	-
2043	ICRISAT	ICC	2437	RPIP(D)	- P 2215-1	IRN	-	-
2044	ICRISAT	ICC	2438	RPIP(D)	- P 2219	IRN	-	-
2045	ICRISAT	ICC	2439	MAI	- P 2220 (0411-0393)	IRN	Ghochan	-
2046	ICRISAT	ICC	2441	RPIP(D)	- P 2221-1	IRN	Ghochan	-
2047	ICRISAT	ICC	2443	RPIP(D)	- P 2223	IRN	-	-
2048	ICRISAT	ICC	2445	RPIP(D)	- P 2224-1	IRN	Ghochan	-
2049	ICRISAT	ICC	2446	RPIP(D)	- P 2224-2	IRN	Ghochan	-
2050	ICRISAT	ICC	2447	MAI	- P 2225 (0416-0398)	IRN	Ghochan	-
2051	ICRISAT	ICC	2448	RPIP(D)	- P 2225-1	IRN	-	-
2052	ICRISAT	ICC	2449	RPIP(D)	- P 2228	IRN	-	-
2053	ICRISAT	ICC	2451	MAI	- P 2236 (0426-0409)	IRN	-	-
2054	ICRISAT	ICC	2453	RPIP(D)	- P 2239	IRN	-	-
2055	ICRISAT	ICC	2454	RPIP(D)	- P 2239-1	IRN	-	-
2056	ICRISAT	ICC	2455	MAI	- P 2240 (0429-0413)	IRN	Ghochan	-
2057	ICRISAT	ICC	2457	RPIP(D)	- P 2242-1	IRN	-	-
2058	ICRISAT	ICC	2458	RPIP(D)	- P 2244	IRN	-	-
2059	ICRISAT	ICC	2465	MAI	- P 2260 (0447-0433)	IRN	Ghochan	-
2060	ICRISAT	ICC	2466	MAI	- P 2261 (0448-0434)	IRN	-	-
2061	ICRISAT	ICC	2467	MAI	- P 2262 (0449-0435)	IRN	Ghochan	-
2062	ICRISAT	ICC	2468	RPIP(D)	- P 2262-1	IRN	Ghochan	-
2063	ICRISAT	ICC	2471	RPIP(D)	- P 2263-2	IRN	Ghochan	-
2064	ICRISAT	ICC	2473	MAI	- P 2265 (0452-0438)	IRN	Ghochan	-
2065	ICRISAT	ICC	2474	MAI	- P 2266 (0453-0439)	IRN	Ghochan	-
2066	ICRISAT	ICC	2475	RPIP(D)	- P 2268	IRN	-	-
2067	ICRISAT	ICC	2478	MAI	- P 2283 (0468-0456)	IRN	-	-
2068	ICRISAT	ICC	2480	MAI	- P 2290 (0474-0463)	IRN	Esfahan	-
2069	ICRISAT	ICC	2482	MAI	- P 2302 (0485-0475)	IRN	Esfahan	-
2070	ICRISAT	ICC	2488	MAI	- P 2343 (0522-0516)	IRN	Ghochan	-
2071	ICRISAT	ICC	2491	MAI	- P 2346 (0525-0519)	IRN	Ghochan	-
2072	ICRISAT	ICC	2492	RPIP(D)	- P 2346-1	IRN	Ghochan	-
2073	ICRISAT	ICC	2493	MAI	- P 2351 (0529-0524)	IRN	Ghochan	-
2074	ICRISAT	ICC	2494	MAI	- P 2356 (0534-0529)	IRN	-	-
2075	ICRISAT	ICC	2495	MAI	- P 2364 (0541-0537)	IRN	Ghochan	-
2076	ICRISAT	ICC	2496	MAI	- P 2365 (0452-0438)	IRN	Ghochan	-
2077	ICRISAT	ICC	2497	MAI	- P 2366 (0543-0539)	IRN	Ghochan	-
2078	ICRISAT	ICC	2498	MAI	- P 2371 (0548-0544)	IRN	Ghochan	-
2079	ICRISAT	ICC	2501	RPIP(D)	- P 2376-1	IRN	Ghochan	-
2080	ICRISAT	ICC	2502	MAI	- P 2378 (0554-0551)	IRN	Ghochan	-

ILC	DOOR	DOB	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REN
2081	ICRISAT	ICC 2503	MAI	-	P 2379 (0555-0552)	IRN	Ghochan	-
2082	ICRISAT	ICC 2505	MAI	-	P 2381 (0557-0554)	IRN	Ghochan	-
2083	ICRISAT	ICC 2508	RPIP(D)	-	P 2386-1	IRN	Ghochan	-
2084	ICRISAT	ICC 2509	RPIP(D)	-	P 2386-2	IRN	Ghochan	-
2085	ICRISAT	ICC 2511	MAI	-	P 2390 (0565-0563)	IRN	Ghochan	-
2086	ICRISAT	ICC 2512	MAI	-	P 2391 (0566-0564)	IRN	Ghochan	-
2087	ICRISAT	ICC 2514	MAI	-	P 2392 (0567-0565)	IRN	Ghochan	-
2088	ICRISAT	ICC 2515	MAI	-	P 2394 (0569-0567)	IRN	Ghochan	-
2089	ICRISAT	ICC 2517	MAI	-	P 2396 (0571-0569)	IRN	Ghochan	-
2090	ICRISAT	ICC 2532	RPIP(D)	-	P 2457	IRN	-	-
2091	ICRISAT	ICC 2535	MAI	-	P 2470 (0638-0643)	IRN	Fars	-
2092	ICRISAT	ICC 2536	MAI	-	P 2474 (0642-0647)	IRN	Fars	-
2093	ICRISAT	ICC 2543	MAI	-	P 2503 (0669-0676)	IRN	Fars	-
2094	ICRISAT	ICC 2544	MAI	-	P 2504 (0670-0677)	IRN	Daragaz	-
2095	ICRISAT	ICC 2545	MAI	-	P 2511 (0676-0684)	IRN	Daragaz	-
2096	ICRISAT	ICC 2550	MAI	-	P 2524 (0688-0697)	IRN	Daragaz	-
2097	ICRISAT	ICC 2551	MAI	-	P 2526 (0690-0699)	IRN	Daragaz	-
2098	ICRISAT	ICC 2553	MAI	-	P 2529 (0692-0702)	IRN	Mazandaran	-
2099	ICRISAT	ICC 2554	MAI	-	P 2530 (0693-0703)	IRN	Mazandaran	-
2100	ICRISAT	ICC 2555	MAI	-	P 2536 (0700-0709)	IRN	Mazandaran	-
2101	ICRISAT	ICC 2556	MAI	-	P 2544 (0709-0717)	IRN	Mazandaran	-
2102	ICRISAT	ICC 2559	MAI	-	P 2550 (0714-0723)	IRN	Mazandaran	-
2103	ICRISAT	ICC 2560	RPIP(D)	-	P 2550-1	IRN	Mazandaran	-
2104	ICRISAT	ICC 2562	MAI	-	P 2553 (0717-0726)	IRN	Mazandaran	-
2105	ICRISAT	ICC 2564	MAI	-	P 2554 (0718-0727)	IRN	Mazandaran	-
2106	ICRISAT	ICC 2565	MAI	-	P 2556 (0723-0729)	IRN	-	-
2107	ICRISAT	ICC 2567	MAI	-	P 2561 (0727-0734)	IRN	Neyshabur	-
2108	ICRISAT	ICC 2568	MAI	-	P 2563 (0729-0736)	IRN	Neyshabur	-
2109	ICRISAT	ICC 2570	MAI	-	P 2571 (0736-0744)	IRN	Neyshabur	-
2110	ICRISAT	ICC 2573	MAI	-	P 2574 (0739-0747)	IRN	Neyshabur	-
2111	ICRISAT	ICC 2576	RPIP(D)	-	P 2575-1	IRN	Neyshabur	-
2112	ICRISAT	ICC 2577	MAI	-	P 2578 (0742-0751)	IRN	-	-
2113	ICRISAT	ICC 2581	MAI	-	P 2585 (0749-0758)	IRN	Neyshabur	-
2114	ICRISAT	ICC 2584	MAI	-	P 2591 (0754-0764)	IRN	-	-
2115	ICRISAT	ICC 2587	RPIP(D)	-	P 2592-1	IRN	Neyshabur	-
2116	ICRISAT	ICC 2589	MAI	-	P 2599 (0761-0772)	IRN	Neyshabur	-
2117	ICRISAT	ICC 2591	MAI	-	P 2601 (0764-0774)	IRN	Neyshabur	-
2118	ICRISAT	ICC 2599	MAI	-	P 2610 (0772-0783)	IRN	Neyshabur	-
2119	ICRISAT	ICC 2600	MAI	-	P 2614 (0777-0787)	IRN	Neyshabur	-
2120	ICRISAT	ICC 2601	MAI	-	P 2615 (0778-0788)	IRN	Neyshabur	-

ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
2121	ICRISAT ICC 2602	MAI	-	P 2616 (0779-0789)	IRN Neyshabur	-
2122	ICRISAT ICC 2604	RPIP(D)	-	P 2617-1	IRN -	-
2123	ICRISAT ICC 2608	RPIP(D)	-	P 2619-2	IRN -	-
2124	ICRISAT ICC 2610	RPIP(D)	-	P 2619-4	IRN -	-
2125	ICRISAT ICC 2613	MAI	-	P 2624 (0788-0797)	IRN Neyshabur	-
2126	ICRISAT ICC 2614	RPIP(D)	-	P 2626-1	IRN Neyshabur	-
2127	ICRISAT ICC 2615	RPIP(D)	-	P 2628	IRN -	-
2128	ICRISAT ICC 2617	MAI	-	P 2631 (0800-0804)	IRN -	-
2129	ICRISAT ICC 2618	MAI	-	P 2632 (0801-0805)	IRN Neyshabur	-
2130	ICRISAT ICC 2619	MAI	-	P 2633 (0803-0806)	IRN Neyshabur	-
2131	ICRISAT ICC 2620	MAI	-	P 2634 (0804-0807)	IRN Neyshabur	-
2132	ICRISAT ICC 2622	RPIP(D)	-	P 2637	IRN -	-
2133	ICRISAT ICC 2623	RPIP(D)	-	P 2637-1	IRN -	-
2134	ICRISAT ICC 2625	MAI	-	P 2638 (0808-0811)	IRN Neyshabur	-
2135	ICRISAT ICC 2627	MAI	-	P 2640 (0810-0813)	IRN Neyshabur	-
2136	ICRISAT ICC 2630	MAI	-	P 2643 (0809-0812)	IRN -	-
2137	ICRISAT ICC 2633	RPIP(D)	-	P 2645-1	IRN Neyshabur	-
2138	ICRISAT ICC 2634	MAI	-	P 2646 (0817-0819)	IRN -	-
2139	ICRISAT ICC 2635	MAI	-	P 2650 (0822-0823)	IRN -	-
2140	ICRISAT ICC 2637	MAI	-	P 2652 (0824-0825)	IRN -	-
2141	ICRISAT ICC 2638	MAI	-	P 2653 (0825-0826)	IRN Neyshabur	-
2142	ICRISAT ICC 2641	MAI	-	P 2656 (0829-0829)	IRN Neyshabur	-
2143	ICRISAT ICC 2644	MAI	-	P 2658 (0830-0831)	IRN -	-
2144	ICRISAT ICC 2646	MAI	-	P 2664 (0836-0837)	IRN Neyshabur	-
2145	ICRISAT ICC 2647	MAI	-	P 2666 (0838-0839)	IRN -	-
2146	ICRISAT ICC 2648	MAI	-	P 2669 (0841-0842)	IRN -	-
2147	ICRISAT ICC 2649	RPIP(D)	-	P 2669-1	IRN -	-
2148	ICRISAT ICC 2650	RPIP(D)	-	P 2670-1	IRN -	-
2149	ICRISAT ICC 2651	MAI	-	P 2671 (0843-0844)	IRN -	-
2150	ICRISAT ICC 2652	MAI	-	P 2672 (0844-0845)	IRN -	-
2151	ICRISAT ICC 2653	RPIP(D)	-	P 2672-1	IRN -	-
2152	ICRISAT ICC 2654	RPIP(D)	-	P 2672-2	IRN -	-
2153	ICRISAT ICC 2655	MAI	-	P 2674 (0846-0847)	IRN Neyshabur	-
2154	ICRISAT ICC 2656	MAI	-	P 2678 (0850-0851)	IRN Neyshabur	-
2155	ICRISAT ICC 2658	MAI	-	P 2686 (0858-0859)	IRN -	-
2156	ICRISAT ICC 2659	RPIP(D)	-	P 2686-1	IRN Neyshabur	-
2157	ICRISAT ICC 2663	RPIP(D)	-	P 2687-2	IRN -	-
2158	ICRISAT ICC 2665	MAI	-	P 2688 (0859-0861)	IRN -	-
2159	ICRISAT ICC 2666	MAI	-	P 2689 (0860-0862)	IRN -	-
2160	ICRISAT ICC 2667	MAI	-	P 2693 (0865-0866)	IRN Shiraz	-

ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
2161	ICRISAT	ICC 2671	RPIP(D)	- P 2697-2	IRN -	-
2162	ICRISAT	ICC 2674	MAI	- P 2708 (0879-0881)	IRN Shiraz	-
2163	ICRISAT	ICC 2676	MAI	- P 2712 (0883-0885)	IRN Shiraz	-
2164	ICRISAT	ICC 2677	RPIP(D)	- P 2720	IRN -	-
2165	ICRISAT	ICC 2678	MAI	- P 2721 (0891-0894)	IRN -	-
2166	ICRISAT	ICC 2680	MAI	- P 2722 (0892-0895)	IRN -	-
2167	ICRISAT	ICC 2682	RPIP(D)	- P 2727	IRN -	-
2168	ICRISAT	ICC 2683	RPIP(D)	- P 2727-1	IRN -	-
2169	ICRISAT	ICC 2686	MAI	- P 2734 (0903-0907)	IRN Shiraz	-
2170	ICRISAT	ICC 2688	MAI	- P 2745 (0913-0918)	IRN Shiraz	-
2171	ICRISAT	ICC 2689	MAI	- P 2746 (0914-0919)	IRN -	-
2172	ICRISAT	ICC 2690	MAI	- P 2754 (0921-0927)	IRN -	-
2173	ICRISAT	ICC 2692	MAI	- P 2759 (0925-0932)	IRN -	-
2174	ICRISAT	ICC 2694	RPIP(D)	- P 2764 (0930-0937)	IRN Shiraz	-
2175	ICRISAT	ICC 2696	RPIP(D)	- P 2774-1	IRN Shiraz	-
2176	ICRISAT	ICC 2697	MAI	- P 2782 (0946-0955)	IRN Shiraz	-
2177	ICRISAT	ICC 2699	MAI	- P 2786 (0950-0959)	IRN Neyshabur	-
2178	ICRISAT	ICC 2702	MAI	- P 2788-1	IRN Neyshabur	-
2179	ICRISAT	ICC 2707	RPIP(D)	- P 2797	IRN -	-
2180	ICRISAT	ICC 2708	MAI	- P 2799 (0961-0972)	IRN Neyshabur	-
2181	ICRISAT	ICC 2711	MAI	- P 2803 (0965-0976)	IRN Neyshabur	-
2182	ICRISAT	ICC 2712	MAI	- P 2806 (0968-0979)	IRN Neyshabur	-
2183	ICRISAT	ICC 2714	MAI	- P 2809 (0970-0982)	IRN Neyshabur	-
2184	ICRISAT	ICC 2716	MAI	- P 2814 (0975-0987)	IRN Neyshabur	-
2185	ICRISAT	ICC 2717	MAI	- P 2821 (0984-0994)	IRN Neyshabur	-
2186	ICRISAT	ICC 2736	RPIP(D)	- P 2867-1	IRN -	-
2187	ICRISAT	ICC 2739	MAI	- P 2871 (1031-1044)	IRN Ardebil	-
2188	ICRISAT	ICC 2749	MAI	- P 2892 (1050-1065)	IRN Ardebil	-
2189	ICRISAT	ICC 2753	RPIP(D)	- P 2907	IRN -	-
2190	ICRISAT	ICC 2754	MAI	- P 2912 (1068-1085)	IRN Ardebil	-
2191	ICRISAT	ICC 2755	MAI	- P 2930 (1084-1103)	IRN Ardebil	-
2192	ICRISAT	ICC 2759	RPIP(D)	- P 2934-1	IRN Ardebil	-
2193	ICRISAT	ICC 2765	RPIP(D)	- P 2939-1	IRN -	-
2194	ICRISAT	ICC 2777	MAI	- P 2949 (1104-1122)	IRN Ardebil	-
2195	ICRISAT	ICC 2780	MAI	- P 2952 (1107-1125)	IRN Ardebil	-
2196	ICRISAT	ICC 2782	MAI	- P 2969 (1123-1142)	IRN Ardebil	-
2197	ICRISAT	ICC 2785	RPIP(D)	- P 2977	IRN -	-
2198	ICRISAT	ICC 2787	MAI	- P 2980 (1133-1153)	IRN Ardebil	-
2199	ICRISAT	ICC 2790	MAI	- P 2988 (1140-1161)	IRN Ardebil	-
2200	ICRISAT	ICC 2793	MAI	- P 2990 (1142-1163)	IRN Ardebil	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REN
2201	ICRISAT	ICC 2794	MAI	-	P 2991(1143-1164)	IRN	Ardebil	-
2202	ICRISAT	ICC 2801	MAI	-	P 3013(1163-1186)	IRN	-	-
2203	ICRISAT	ICC 2802	MAI	-	P 3018(1167-1191)	IRN	Ardebil	-
2204	ICRISAT	ICC 2804	RPIP(D)	-	P 3023	IRN	-	-
2205	ICRISAT	ICC 2811	MAI	-	P 3031(1179-1204)	IRN	Ardebil	-
2206	ICRISAT	ICC 2813	RPIP(D)	-	P 3036-1	IRN	-	-
2207	ICRISAT	ICC 2816	MAI	-	P 3053(1199-1226)	IRN	Ardebil	-
2208	ICRISAT	ICC 2819	RPIP(D)	-	P 3067	IRN	-	-
2209	ICRISAT	ICC 2820	MAI	-	P 3075(1219-1248)	IRN	Ardebil	-
2210	ICRISAT	ICC 2823	MAI	-	P 3080(1224-1253)	IRN	Ardebil	-
2211	ICRISAT	ICC 2842	MAI	-	P 3133(1281-1306)	IRN	Kermanshah	-
2212	ICRISAT	ICC 2848	MAI	-	P 3146(1293-1319)	IRN	Kermanshah	-
2213	ICRISAT	ICC 2849	RPIP(D)	-	P 3146-1	IRN	-	-
2214	ICRISAT	ICC 2864	RPIP(D)	-	P 3183	IRN	-	-
2215	ICRISAT	ICC 2865	RPIP(D)	-	P 3190	IRN	-	-
2216	ICRISAT	ICC 2867	RPIP(D)	-	P 3194	IRN	-	-
2217	ICRISAT	ICC 2868	MAI	-	P 3195(1341-1368)	IRN	-	-
2218	ICRISAT	ICC 2887	MAI	-	P 3254(1399-1427)	IRN	-	-
2219	ICRISAT	ICC 2911	RPIP(D)	-	P 3296	IRN	-	-
2220	ICRISAT	ICC 2915	RPIP(D)	-	P 3312	IRN	-	-
2221	ICRISAT	ICC 2918	MAI	-	P 3318(1463-1491)	IRN	Mamaghan	-
2222	ICRISAT	ICC 2953	MAI	-	P 3385(1524-1558)	IRN	Mamaghan	-
2223	ICRISAT	ICC 2967	RPIP(D)	-	P 3425-1	IRN	Mamaghan	-
2224	ICRISAT	ICC 2980	RPIP(D)	-	P 3437-1	IRN	-	-
2225	ICRISAT	ICC 2985	RPIP(D)	-	P 3447-1	IRN	-	-
2226	ICRISAT	ICC 2987	MAI	-	P 3448-1	IRN	Mamaghan	-
2227	ICRISAT	ICC 2988	MAI	-	P 3449(1582-1622)	IRN	Mamaghan	-
2228	ICRISAT	ICC 2994	MAI	-	P 3462(1594-1635)	IRN	Mamaghan	-
2229	ICRISAT	ICC 3005	RPIP(D)	-	P 3477	IRN	-	-
2230	ICRISAT	ICC 3010	MAI	-	P 3482(1613-1655)	IRN	Mamaghan	-
2231	ICRISAT	ICC 3013	RPIP(D)	-	P 3487	IRN	-	-
2232	ICRISAT	ICC 3018	MAI	-	P 3490-2	IRN	Mamaghan	-
2233	ICRISAT	ICC 3023	MAI	-	P 3501(1633-1674)	IRN	-	-
2234	ICRISAT	ICC 3027	MAI	-	P 3511-1	IRN	-	-
2235	ICRISAT	ICC 3032	MAI	-	P 3516-1	IRN	Karaj	-
2236	ICRISAT	ICC 3043	MAI	-	P 3549(1680-1722)	IRN	Karaj	-
2237	ICRISAT	ICC 3059	MAI	-	P 3575(1704-1748)	IRN	Karaj	-
2238	ICRISAT	ICC 3071	MAI	-	P 3586-1	IRN	Karaj	-
2239	ICRISAT	ICC 3080	MAI	-	P 3595(1725-1768)	IRN	Karaj	-
2240	ICRISAT	ICC 3094	RPIP(D)	-	P 3607-1	IRN	-	-



ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
2241	ICRISAT	ICC 3096	MAI	-	P 3608-1	IRN	Karaj	-
2242	ICRISAT	ICC 3128	MAI	-	P 3649(1744-1822)	IRN	Karaj	-
2243	ICRISAT	ICC 3150	MAI	-	P 3671(1805-1844)	IRN	-	-
2244	ICRISAT	ICC 3155	MAI	-	P 3683-1	IRN	Shapour	-
2245	ICRISAT	ICC 3160	RPIP(D)	-	P 3697	IRN	-	-
2246	ICRISAT	ICC 3166	RPIP(D)	-	P 3708	IRN	-	-
2247	ICRISAT	ICC 3167	RPIP(D)	-	P 3709	IRN	-	-
2248	ICRISAT	ICC 3170	RPIP(D)	-	P 3715	IRN	-	-
2249	ICRISAT	ICC 3176	MAI	-	P 3721(1851-1894)	IRN	Shapour	-
2250	ICRISAT	ICC 3177	MAI	-	P 3724(1854-1897)	IRN	-	-
2251	ICRISAT	ICC 3182	MAI	-	P 3735(1864-1908)	IRN	Shapour	-
2252	ICRISAT	ICC 3133	RPIP	-	P 3737	IRN	-	-
2253	ICRISAT	ICC 3184	RPIP	-	P 3737-1	IRN	-	-
2254	ICRISAT	ICC 3188	MAI	-	P 3741(1869-1914)	IRN	-	-
2255	ICRISAT	ICC 3192	MAI	-	P 3743-1	IRN	Shapour	-
2256	ICRISAT	ICC 3197	MAI	-	P 3755(1882-1928)	IRN	Jiroft	-
2257	ICRISAT	ICC 3199	MAI	-	P 3756(1883-1929)	IRN	Jiroft	-
2258	ICRISAT	ICC 3225	MAI	-	P 3784-1	IRN	Jiroft	-
2259	ICRISAT	ICC 3227	RPIP(D)	-	P 3786	IRN	-	-
2260	ICRISAT	ICC 3233	MAI	-	P 3792(1918-1965)	IRN	Jiroft	-
2261	ICRISAT	ICC 3241	MAI	-	P 3814(1941-1987)	IRN	Jiroft	-
2262	ICRISAT	ICC 3244	MAI	-	P 3819(1945-1992)	IRN	Jiroft	-
2263	ICRISAT	ICC 3246	MAI	-	P 3822(1948-1995)	IRN	Jiroft	-
2264	ICRISAT	ICC 3248	MAI	-	P 3825-1	IRN	Jiroft	-
2265	ICRISAT	ICC 3254	MAI	-	P 3831(1958-2004)	IRN	Jiroft	-
2266	ICRISAT	ICC 3257	MAI	-	P 3838(1965-2011)	IRN	Jiroft	-
2267	ICRISAT	ICC 3253	RPIP(D)	-	P 3840	IRN	-	-
2268	ICRISAT	ICC 3263	RPIP	-	P 3847	IRN	-	-
2269	ICRISAT	ICC 3265	MAI	-	P 3849(1976-2022)	IRN	Torbat Shadmehre	-
2270	ICRISAT	ICC 3266	MAI	-	P 3850(1977-2023)	IRN	Torbat Shadmehre	-
2271	ICRISAT	ICC 3267	MAI	-	P 3850-1	IRN	Torbat Shadmehre	-
2272	ICRISAT	ICC 3270	RPIP	-	P 3857-1	IRN	-	-
2273	ICRISAT	ICC 3272	MAI	-	P 3861(1989-2034)	IRN	Torbat Shadmehre	-
2274	ICRISAT	ICC 3275	MAI	-	P 3865(1993-2038)	IRN	Torbat Shadmehre	-
2275	ICRISAT	ICC 3281	MAI	-	P 3883-1	IRN	Torbat Shadmehre	-
2276	ICRISAT	ICC 3282	MAI	-	P 3896(2024-2069)	IRN	Torbat Shadmehre	-
2277	ICRISAT	ICC 3285	MAI	-	P 3902(2031-2075)	IRN	Torbat Shadmehre	-
2278	ICRISAT	ICC 3286	MAI	-	P 3908(2037-2081)	IRN	Torbat Shadmehre	-
2279	ICRISAT	ICC 3290	MAI	-	P 3920(2050-2093)	IRN	Torbat Shadmehre	-
2280	ICRISAT	ICC 3291	MAI	-	P 3924	IRN	-	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REN
2281	ICRISAT	ICC 3292	MAI	-	P 3924-1	IRN -	-
2282	ICRISAT	ICC 3300	MAI	-	P 3933(2062-2106)	IRN Torbat Shadmehre	-
2283	ICRISAT	ICC 3308	MAI	-	P 3940(2068-2113)	IRN Torbat Hasanabad	-
2284	ICRISAT	ICC 3312	MAI	-	P 3943-1	IRN Torbat Shadmehre	-
2285	ICRISAT	ICC 3317	MAI	-	P 3961(2089-2134)	IRN Torbat Shadmehre	-
2286	ICRISAT	ICC 3321	MAI	-	P 3963(2091-2136)	IRN Torbat Shadmehre	-
2287	ICRISAT	ICC 3322	MAI	-	P 3964(2091-2137)	IRN Torbat Shadmehre	-
2288	ICRISAT	ICC 3326	MAI	-	P 3971-1	CYP -	-
2289	ICRISAT	ICC 3329	MAI	-	P 3973-1	CYP -	-
2290	ICRISAT	ICC 3337	MAI	-	P 3990(2116-2163)	CYP -	-
2291	ICRISAT	ICC 3346	MAI	-	P 4022(2146-2195)	IRN -	-
2292	ICRISAT	ICC 3347	MAI	-	P 4023(2147-2196)	IRN -	-
2293	ICRISAT	ICC 3369	RPIP	-	P 4057	IRN -	-
2294	ICRISAT	ICC 3378	MAI	-	P 4063(3102-2236)	IRN Esfahan	-
2295	ICRISAT	ICC 3408	MAI	-	P 4090(3138-2263)	IRN Rezaiyeh	-
2296	ICRISAT	ICC 3410	MAI	-	P 4090-2	IRN -	-
2297	ICRISAT	ICC 3412	FAO	-	P 4093-1	MAR -	-
2298	ICRISAT	ICC 3417	FAO	-	P 4095-2	PAL -	-
2299	ICRISAT	ICC 3419	FAO	-	P 4096(3148-2269)	PAL -	-
2300	ICRISAT	ICC 3421	FAO	-	P 4099(3152-2272)	PAL -	-
2301	ICRISAT	ICC 3460	RPIP(D)	-	P 4134(2307)	IRN Ahar-Shahabad	-
2302	ICRISAT	ICC 3490	RPIP(D)	-	P 4181-1	TUR Bursa	-
2303	ICRISAT	ICC 3506	RPIP(D)	-	P 4206-1	TUR -	-
2304	ICRISAT	ICC 3515	RPIP(D)	-	P 4220-1	IRN Meymeh	-
2305	ICRISAT	ICC 3516	RPIP(D)	-	P 4221(2394)	IRN Saravan	-
2306	ICRISAT	ICC 3527	RPIP(D)	-	P 4229-1	IRN Kerman	-
2307	ICRISAT	ICC 3549	WRPIS	-	P 4241	IND -	-
2308	ICRISAT	ICC 3557	WRPIS	-	P 4244(0010 Ardebil 30)2371	IRN Ardebil	-
2309	ICRISAT	ICC 3575	WRPIS	-	P 4253-2	PAK -	-
2310	ICRISAT	ICC 3589	WRPIS	-	P 4262-1	SUN -	-
2311	ICRISAT	ICC 3662	MAI	-	P 4307-1	IRN Neyshabur	-
2312	ICRISAT	ICC 3667	MAI	-	P 4309(0796-0075)	IRN Neyshabur	-
2313	ICRISAT	ICC 3670	MAI	-	P 4311-1	IRN -	-
2314	ICRISAT	ICC 3671	MAI	-	P 4311-2	IRN Neyshabur	-
2315	ICRISAT	ICC 3700	MAI	-	P 4332-1	IRN Varamin	-
2316	ICRISAT	ICC 3725	MAI	-	P 4345-2	IRN Mamaghan	-
2317	ICRISAT	ICC 3752	MAI	-	P 4362(1766-0128)	IRN Karaj	-
2318	ICRISAT	ICC 3763	MAI	-	P 4379(1968-0145)	IRN Jiroft	-
2319	ICRISAT	ICC 3778	MAI	-	P 4395-1	IRN Torbat Shadmehre	-
2320	ICRISAT	ICC 3809	MAI	-	P 4433(2216-0199)	IRN Esfahan	-

ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM	
2321	ICRISAT	ICC 3894	MAI	-	P 4570(2340-0336)	IRN -	-
2322	ICRISAT	ICC 3974	MAI	-	P 4679-1	IRN Ardebil	-
2323	ICRISAT	ICC 3975	MAI	-	P 4679-2	IRN Ardebil	-
2324	ICRISAT	ICC 3976	MAI	-	P 4679-3	IRN Ardebil	-
2325	ICRISAT	ICC 3977	MAI	-	P 4680-1	IRN Ardebil	-
2326	ICRISAT	ICC 4101	MAI	-	P 4875-1	IRN Ardebil	-
2327	ICRISAT	ICC 4173	MAI	-	P 5001(2728-0767)	IRN Gharye-Gole	-
2328	ICRISAT	ICC 4372	MAI	-	P 5352-1	IRN -	-
2329	ICRISAT	ICC 4461	MAI	-	P 5478-1	IRN Ardebil	-
2330	ICRISAT	ICC 4497	ARIE	-	P 6015(100-1-4)	TUR Sinop	-
2331	ICRISAT	ICC 4498	ARIE	-	P 6015-1	TUR Sinop	-
2332	ICRISAT	ICC 4630	GAC	-	P 6222	IND Uttar Pradesh	-
2333	ICRISAT	ICC 4676	RPIP(D)	-	P 6244-1	IND Uttar Pradesh	-
2334	ICRISAT	ICC 4727	RPIP(D)	-	P 6316	IND Uttar Pradesh	-
2335	ICRISAT	ICC 4736	RPIP(D)	-	P 6330(0332-5019)	IRN Torbate Heydaryieh	-
2336	ICRISAT	ICC 4740	RPIP(D)	-	P 6333-1	IRN Ardebil	-
2337	ICRISAT	ICC 4741	RPIP(D)	-	P 6334(0310-5023)	IRN Ghochan	-
2338	ICRISAT	ICC 4744	RPIP(D)	-	P 6341(1376-5032)	IRN Varamin	-
2339	ICRISAT	ICC 4750	RPIP(D)	-	P 6353(0828-5044)	IRN Neyshabur	-
2340	ICRISAT	ICC 4751	RPIP(D)	-	P 6360(2014-5051)	IRN Torbate Heydaryieh	-
2341	ICRISAT	ICC 4453	MAI	-	P 5451(323 M)	IRN Ardebil	-
2342	ICRISAT	ICC 4456	MAI	-	P 5465(335 M)	IRN Ardebil	-
2343	ICRISAT	ICC 4458	RPIP(D)	-	P 5474(339 M)	IRN Ardebil	-
2344	ICRISAT	ICC 4760	RPIP(D)	-	P 6383(1156-5074)	IRN Ardebil	-
2345	ICRISAT	ICC 4762	RPIP(D)	-	P 6383-2	IRN -	-
2346	ICRISAT	ICC 4765	RPIP(D)	-	P 6402(0411-5093)	IRN Ghochan	-
2347	ICRISAT	ICC 4766	RPIP(D)	-	P 6403(0456-5094)	IRN Esfahan	-
2348	ICRISAT	ICC 4768	RPIP(D)	-	P 6410-1	IRN -	-
2349	ICRISAT	ICC 4774	RPIP(D)	-	P 6432(0731-5125)	IRN Neyshabur	-
2350	ICRISAT	ICC 4783	RPIP(D)	-	P 6449-1	IRN Neyshabur	-
2351	ICRISAT	ICC 4784	RPIP(D)	-	P 6450(1588-5151)	IRN Mamaghan	-
2352	ICRISAT	ICC 4785	RPIP(D)	-	P 6453(0086-5154)	IRN Karaj	-
2353	ICRISAT	ICC 4787	RPIP(D)	-	P 6456-1	IRN Shapour	-
2354	ICRISAT	ICC 4789	RPIP(D)	-	P 6458(0856-5162)	IRN Neyshabur	-
2355	ICRISAT	ICC 4790	RPIP(D)	-	P 6459(0828-5163)	IRN Neyshabur	-
2356	ICRISAT	ICC 4791	RPIP(D)	-	P 6459-1	IRN Neyshabur	-
2357	ICRISAT	ICC 4792	RPIP(D)	-	P 6463(5174)	IRN Ghazvin	-
2358	ICRISAT	ICC 4795	RPIP(D)	-	P 6468(0425-6009)	IRN -	-
2359	ICRISAT	ICC 4820	RPIP(D)	-	P 6575(2903-6123)	IRN Ahar	-
2360	ICRISAT	ICC 4822	MAI	-	P 6582(1465-1493)	IRN -	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REN
2361	ICRISAT	ICC 4825	RPIP	-	P 6592	IRN	-	-
2362	ICRISAT	ICC 4826	MAI	-	P 6594(1730-1773)	IRN	Karaj	-
2363	ICRISAT	ICC 4827	MAI	-	P 6595(1738-1779)	IRN	Karaj	-
2364	ICRISAT	ICC 4834	MAI	-	P 6604-1	CYP	-	-
2365	ICRISAT	ICC 4835	MAI	-	P 6605(2114-2161)	CYP	-	-
2366	ICRISAT	ICC 4837	RPIP(D)	-	P 6608	IRN	Karaj	-
2367	ICRISAT	ICC 4840	MAI	-	P 6613(3133-2261)	IRN	Esfahan	-
2368	ICRISAT	ICC 4841	FAO	-	P 6615	MAR	-	-
2369	ICRISAT	ICC 4842	ARCG	-	P 6617(NA 35)	IND	-	-
2370	ICRISAT	ICC 4853	RPIP	-	P 9558-1	-	-	-
2371	ICRISAT	ICC 4854	RPIP	-	P 9623(Mex.Sel.2	MEX	-	-
2372	ICRISAT	ICC 4856	RPIP	-	P 9625(Mex.Sel.1	MEX	-	-
2373	ICRISAT	ICC 4857	RPIP	-	P 9630(Mex.Sel.6)	MEX	-	-
2374	ICRISAT	ICC 4858	RPIP	-	P 9639(White Spanish 8)	ESP	-	-
2375	ICRISAT	ICC 4859	RPIP	-	P 9642	ESP	-	-
2376	ICRISAT	ICC 4860	RPIP	-	P 9647	YUG	-	-
2377	ICRISAT	ICC 4861	RPIP	-	P 9648	YUG	-	-
2378	ICRISAT	ICC 4864	RPIP	-	P 9651	ETH	-	-
2379	ICRISAT	ICC 4865	ALAD	-	P 9653(K 1502)	SUN	-	-
2380	ICRISAT	ICC 4866	RPIP	-	P 9655	SUN	-	-
2381	ICRISAT	ICC 4867	RPIP	-	P 9658	BGR	-	-
2382	ICRISAT	ICC 4868	RPIP	-	P 9664	SUN	-	-
2383	ICRISAT	ICC 4869	RPIP	-	P 9665	JOR	-	-
2384	ICRISAT	ICC 4870	RPIP	-	P 9666	JOR	-	-
2385	ICRISAT	ICC 4882	RPIP	-	P 9693	MAR	-	-
2386	ICRISAT	ICC 4885	RPIP	-	P 9698	MAR	-	-
2387	ICRISAT	ICC 4890	RPIP	-	P 9744	TUR	-	-
2388	ICRISAT	ICC 4891	RPIP	-	P 9745	TUR	-	-
2389	ICRISAT	ICC 4892	RPIP	-	P 9746(Var.27/2-3)	TUR	-	-
2390	ICRISAT	ICC 4893	RPIP	-	P 9748(Var.29/1-3)	TUR	-	-
2391	ICRISAT	ICC 4895	RPIP	-	P 9754(Var.34/1-5)	TUR	-	-
2392	ICRISAT	ICC 4898	RPIP	-	P 9758	TUR	-	-
2393	ICRISAT	ICC 4899	RPIP	-	P 9763(Var.43/1-1)	TUR	-	-
2394	ICRISAT	ICC 4900	RPIP	-	P 9777(Var.54/1-1)	TUR	-	-
2395	ICRISAT	ICC 4901	RPIP	-	P 9781(Var.60/1-3)	TUR	-	-
2396	ICRISAT	ICC 4903	RPIP	-	P 9790(Var.79/1-2)	TUR	-	-
2397	ICRISAT	ICC 4904	RPIP	-	P 9791(Var.80/3)	TUR	-	-
2398	ICRISAT	ICC 4905	RPIP	-	P 9792(Var.82/2-1)	TUR	-	-
2399	ICRISAT	ICC 4906	-	-	P 9794	TUR	-	-
2400	ICRISAT	ICC 4907	RPIP	-	P 9800(Var.93/1-1)	TUR	-	-

ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
2401	ICRISAT ICC 4908	-	-	P 9815	TUR -	-
2402	ICRISAT ICC 4910	-	-	P 9878	BGR -	-
2403	ICRISAT ICC 4914	-	-	P 9893(M10538)	GRC Morcholman	-
2404	ICRISAT ICC 4926	PAU	-	C 4	IND Punjab	-
2405	ICRISAT ICC 4927	-	-	C 49	IND Punjab	-
2406	ICRISAT ICC 4937	-	-	EC 1538	- -	-
2407	ICRISAT ICC 4967	PAU	-	L 144	IND Punjab	-
2408	ICRISAT ICC 4971	PAU	-	L 532	IND Punjab	-
2409	ICRISAT ICC 4972	PAU	-	L 534	IND Ludhiana; Punjab	-
2410	ICRISAT ICC 4983	PAU	-	NO. 501	IND Punjab	-
2411	ICRISAT ICC 5005	-	-	130/IX	TUR -	-
2412	ICRISAT ICC 5013	-	-	Ahmadabad 15-1	IND GUJRAT	-
2413	ICRISAT ICC 5038	PAU	-	C 46	IND Punjab	-
2414	ICRISAT ICC 5046	PAU	-	C 161	IND Punjab	-
2415	ICRISAT ICC 5052	PAU	-	C 233	IND Punjab	-
2416	ICRISAT ICC 5053	PAU	-	C 309	IND Punjab	-
2417	ICRISAT ICC 5055	PAU	-	C 369	IND Punjab	-
2418	ICRISAT ICC 5056	PAU	-	C 376	IND Faridkot; Punjab	-
2419	ICRISAT ICC 5057	PAU	-	C 382	IND Punjab	-
2420	ICRISAT ICC 5058	PAU	-	C 387	IND Punjab	-
2421	ICRISAT ICC 5066	-	-	CP 14	IND -	-
2422	ICRISAT ICC 5093	-	-	EC 12411	IND -	-
2423	ICRISAT ICC 5095	-	-	EC 13076	IND -	-
2424	ICRISAT ICC 5096	-	-	EC 21268	PAL -	-
2425	ICRISAT ICC 5098	-	-	EC 21629	PAL -	-
2426	ICRISAT ICC 5099	-	-	EC 26414	PAL -	-
2427	ICRISAT ICC 5102	-	-	EC 26417	PAL -	-
2428	ICRISAT ICC 5103	-	-	EC 26419	PAL -	-
2429	ICRISAT ICC 5106	-	-	EC 26421	PAL -	-
2430	ICRISAT ICC 5107	-	-	EC 26422	PAL -	-
2431	ICRISAT ICC 5109	PAU	-	EC 26425	IND -	-
2432	ICRISAT ICC 5110	PAU	-	EC 26426	IND -	-
2433	ICRISAT ICC 5111	PAU	-	EC 26427	IND -	-
2434	ICRISAT ICC 5112	IARI	-	EC 26428	IND Delhi	-
2435	ICRISAT ICC 5115	-	-	EC 26432	PAL -	-
2436	ICRISAT ICC 5116	-	-	EC 26435	PAL -	-
2437	ICRISAT ICC 5118	-	-	EC 26437	PAL -	-
2438	ICRISAT ICC 5119	-	-	EC 26439	PAL -	-
2439	ICRISAT ICC 5122	-	-	EC 26443	PAL -	-
2440	ICRISAT ICC 5123	-	-	EC 26445	PAL -	-

ILC	DOOR	DONO	CLOR	COLL	CLRO/PED	ORI PRO/TOWN	LOC/REM
2441	ICRISAT	ICC 5124	-	-	EC 26446	PAL -	-
2442	ICRISAT	ICC 5241	PAU	-	GL 619	IND Punjab	-
2443	ICRISAT	ICC 5243	PAU	-	GL 621	IND Punjab	-
2444	ICRISAT	ICC 5244	PAU	-	GL 622	IND Punjab	-
2445	ICRISAT	ICC 5245	PAU	-	GL 623	IND Punjab	-
2446	ICRISAT	ICC 5246	PAU	-	GL 624	IND Punjab	-
2447	ICRISAT	ICC 5248	PAU	-	GL 626	IND Punjab	-
2448	ICRISAT	ICC 5249	PAU	-	GL 627	IND Punjab	-
2449	ICRISAT	ICC 5251	PAU	-	GL 630	IND Punjab	-
2450	ICRISAT	ICC 5252	PAU	-	GL 631	IND Punjab	-
2451	ICRISAT	ICC 5254	PAU	-	GL 634	IND Punjab	-
2452	ICRISAT	ICC 5255	PAU	-	GL 635	IND Punjab	-
2453	ICRISAT	ICC 5256	PAU	-	GL 637	IND Punjab	-
2454	ICRISAT	ICC 5257	PAU	-	GL 638	IND Punjab	-
2455	ICRISAT	ICC 5258	PAU	-	GL 639	IND Punjab	-
2456	ICRISAT	ICC 5260	PAU	-	GL 641-1	IND Punjab	-
2457	ICRISAT	ICC 5261	PAU	-	GL 641-2	IND Punjab	-
2458	ICRISAT	ICC 5262	PAU	-	GL 642	IND Punjab	-
2459	ICRISAT	ICC 5263	PAU	-	GL 643	IND Punjab	-
2460	ICRISAT	ICC 5270	PAU	-	GL 651	IND Punjab	-
2461	ICRISAT	ICC 5274	PAU	-	GL 657	IND Punjab	-
2462	ICRISAT	ICC 5289	PAU	-	Kabuli Brown-1	IND Punjab	-
2463	ICRISAT	ICC 5293	PAU	-	L 146	IND Punjab	-
2464	ICRISAT	ICC 5295	PAU	-	L 169	IND Punjab	-
2465	ICRISAT	ICC 5300	PAU	-	L 300	IND Punjab	-
2466	ICRISAT	ICC 5301	PAU	-	L 477	IND Punjab	-
2467	ICRISAT	ICC 5302	PAU	-	L 541	IND Punjab	-
2468	ICRISAT	ICC 5320	PAU	-	M2XM3	IND Punjab	-
2469	ICRISAT	ICC 5321	PAU	-	M3	IND Punjab	-
2470	ICRISAT	ICC 5337	PAU	-	NO. 131	IND Maharashtra	-
2471	ICRISAT	ICC 5338	PAU	-	NO. 162	IND Maharashtra	-
2472	ICRISAT	ICC 5340	PAU	-	NO. 468	IND Maharashtra	-
2473	ICRISAT	ICC 5342	PAU	-	NO. 480	IND Maharashtra	-
2474	ICRISAT	ICC 5347	IARI	-	NP 9	IND Bihar	-
2475	ICRISAT	ICC 5360	IARI	-	NP 27	IND Bihar	-
2476	ICRISAT	ICC 5362	IARI	-	NP 31	IND Bihar	-
2477	ICRISAT	ICC 5363	IARI	-	NP 32	IND Bihar	-
2478	ICRISAT	ICC 5422	PAU	-	PB-1XRAY	IND Punjab	-
2479	ICRISAT	ICC 5448	GAC	-	Type-1	IND Uttar Pradesh	-
2480	ICRISAT	ICC 5619	-	-	1332/3	TUR -	-

ILC DOOR	DOBO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM	
2481	ICRISAT	ICC 5620	-	-	1388/7	TUR -	-
2482	ICRISAT	ICC 5629	-	-	1537/22	TUR -	-
2483	ICRISAT	ICC 5644	-	-	Ludhiana 13	IND Punjab	-
2484	ICRISAT	ICC 5654	-	-	Ludhiana 23	IND Punjab	-
2485	ICRISAT	ICC 5675	IARI	-	ICP-81	IND Delhi	-
2486	ICRISAT	ICC 5703	ARS	-	Bakoda Palboy Local	IND Maharashtra	-
2487	ICRISAT	ICC 5704	ARS	-	Bakoda Dhaki Local	IND Maharashtra	-
2488	ICRISAT	ICC 5721	ARS	-	C-3	IND Maharashtra	-
2489	ICRISAT	ICC 5756	ARS	-	Dohad 206-9	IND Maharashtra	-
2490	ICRISAT	ICC 5769	ARS	-	EC 21-296	IND Maharashtra	-
2491	ICRISAT	ICC 5811	ARS	-	HY-1-1-2	IND Maharashtra	-
2492	ICRISAT	ICC 5812	ARS	-	HY-19-13-2	IND Maharashtra	-
2493	ICRISAT	ICC 5833	ARS	-	6023 K	IND Maharashtra	-
2494	ICRISAT	ICC 5835	ARS	-	Mutant	IND Maharashtra	-
2495	ICRISAT	ICC 5899	ARS	-	T 30-1	IND Maharashtra	-
2496	ICRISAT	ICC 6032	JNKVV	-	Galburn Cubstsan	IND Madhya Pradesh	-
2497	ICRISAT	ICC 6042	JNKVV	-	JG 8	IND Madhya Pradesh	-
2498	ICRISAT	ICC 6044	JNKVV	-	JG 10	IND Madhya Pradesh	-
2499	ICRISAT	ICC 6045	JNKVV	-	JG 12	IND Madhya Pradesh	-
2500	ICRISAT	ICC 6046	JNKVV	-	JG 12-1	IND Madhya Pradesh	-
2501	ICRISAT	ICC 6047	JNKVV	-	JG 12-2	IND Madhya Pradesh	-
2502	ICRISAT	ICC 6048	JNKVV	-	JG 13	IND Madhya Pradesh	-
2503	ICRISAT	ICC 6049	JNKVV	-	JG 14	IND Madhya Pradesh	-
2504	ICRISAT	ICC 6050	JNKVV	-	JG 16	IND Madhya Pradesh	-
2505	ICRISAT	ICC 6052	JNKVV	-	JG 19	IND Madhya Pradesh	-
2506	ICRISAT	ICC 6257	ALAD	-	-	SUN Kubanskij	-
2507	ICRISAT	ICC 6894	ALAD	-	P 3684	IRN -	-
2508	ICRISAT	ICC 7113	ALAD	-	P 5466	IRN -	-
2509	ICRISAT	ICC 7212	ALAD	-	F 79	EGY -	-
2510	ICRISAT	ICC 7216	ALAD	-	F 96	EGY -	-
2511	ICRISAT	ICC 7292	ALAD	-	S NO. 30	TUN Elfahs	-
2512	ICRISAT	ICC 7308	-	DJA	215702	USA -	-
2513	ICRISAT	ICC 7313	-	DJA	239859	USA -	-
2514	ICRISAT	ICC 7315	-	DJA	249981	USA -	-
2515	ICRISAT	ICC 7317	-	DJA	251024	USA -	-
2516	ICRISAT	ICC 7328	-	DJA	254548	USA -	-
2517	ICRISAT	ICC 7329	-	DJA	254549	USA -	-
2518	ICRISAT	ICC 7330	-	DJA	254550	USA -	-
2519	ICRISAT	ICC 7331	-	DJA	254889	USA -	-
2520	ICRISAT	ICC 7334	-	DJA	268376	USA -	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
2521	ICRISAT	ICC 7344	-	-	Angostura	MEX	-	-
2522	ICRISAT	ICC 7345	-	-	Bremizado	MEX	-	-
2523	ICRISAT	ICC 7348	-	-	AL-52	PAL	-	-
2524	ICRISAT	ICC 7349	-	-	Betdagan 9-31	PAL	-	-
2525	ICRISAT	ICC 7350	-	-	Betdagan 12-26	PAL	-	-
2526	ICRISAT	ICC 7351	-	-	Betdagan 302	PAL	-	-
2527	ICRISAT	ICC 7354	RAI	-	1845	IND	Karnataka	-
2528	ICRISAT	ICC 7359	RAI	-	2098	IND	Karnataka	-
2529	ICRISAT	ICC 7360	RAI	-	2417	IND	Karnataka	-
2530	ICRISAT	ICC 7361	RAI	-	2517	IND	Karnataka	-
2531	ICRISAT	ICC 7363	RAI	-	3167	IND	Karnataka	-
2532	ICRISAT	ICC 7395	GAC	-	NP 587	IND	Uttar Pradesh	-
2533	ICRISAT	ICC 7510	AGRICOL	-	12-071-10025JAM	IRN	-	-
2534	ICRISAT	ICC 7512	AGRICOL	-	12-071-10014(Kouroush)	IRN	-	-
2535	ICRISAT	ICC 7523	MOHL	-	Ghazvin Local	IRN	-	-
2536	ICRISAT	ICC 7525	-	-	Bela 6A	ETH	Debre Zeit	-
2537	ICRISAT	ICC 7532	-	-	DZ-10-1	ETH	Debre Zeit	-
2538	ICRISAT	ICC 7534	-	-	DZ-10-4	ETH	Debre Zeit	-
2539	ICRISAT	ICC 7536	-	-	FAO 11	ETH	Debre Zeit	-
2540	ICRISAT	ICC 7553	MAI	-	P2589(0752-0762)	IRN	-	-
2541	ICRISAT	ICC 7556	PAU	-	P6344	IRN	-	-
2542	ICRISAT	ICC 7559	-	-	P9625	USA	-	-
2543	ICRISAT	ICC 7560	-	-	P9626	USA	-	-
2544	ICRISAT	ICC 7562	-	-	P9628	USA	-	-
2545	ICRISAT	ICC 7563	-	-	P9629(GS746)	USA	-	-
2546	ICRISAT	ICC 7564	-	-	P9635(GS752)	USA	-	-
2547	ICRISAT	ICC 7565	-	-	P9638(GS755)	USA	-	-
2548	ICRISAT	ICC 7567	-	-	P9657	SUN	-	-
2549	ICRISAT	ICC 7569	-	-	P9678	PAL	-	-
2550	ICRISAT	ICC 7571	-	-	P9681	PAL	-	-
2551	ICRISAT	ICC 7572	-	-	P9682	PRT	-	-
2552	ICRISAT	ICC 7576	-	-	P9694(GS1749)	MAR	-	-
2553	ICRISAT	ICC 7587	-	-	P9714(DZ-10-1)	ETH	-	-
2554	ICRISAT	ICC 7588	-	-	P9715	ETH	-	-
2555	ICRISAT	ICC 7589	-	-	P9717	ETH	-	-
2556	ICRISAT	ICC 7590	-	-	P9718(M9637)	ETH	-	-
2557	ICRISAT	ICC 7591	-	-	P9719(M9638)	ETH	-	-
2558	ICRISAT	ICC 7592	-	-	P9720(P-40)	ETH	-	Awasa small
2559	ICRISAT	ICC 7594	-	-	P9722(FAO 11)	ETH	-	-
2560	ICRISAT	ICC 7595	-	-	P9723	ETH	-	-



ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
2561	ICRISAT	ICC 7597	-	-	P9726(GS1900)	ITA -	-
2562	ICRISAT	ICC 7598	-	-	P9729(GS1903)	ITA -	-
2563	ICRISAT	ICC 7599	-	-	P9730(GS1904)	ITA -	-
2564	ICRISAT	ICC 7600	-	-	P9731(Var 131)	ITA -	-
2565	ICRISAT	ICC 7605	-	-	P9738(Var 388)	TUR -	-
2566	ICRISAT	ICC 7606	-	-	P9739(Var 390)	TUR -	-
2567	ICRISAT	ICC 7608	-	-	P9741(Var 21/4-4)	TUR -	-
2568	ICRISAT	ICC 7609	-	-	P9742(Var 25/6-5)	TUR -	-
2569	ICRISAT	ICC 7610	-	-	P9743(Var 25/7-5)	TUR -	-
2570	ICRISAT	ICC 7611	-	-	P9745(Var 27/2-2)	TUR -	-
2571	ICRISAT	ICC 7612	-	-	P9747(Var 28/4-4)	TUR -	-
2572	ICRISAT	ICC 7618	-	-	P9759	TUR -	-
2573	ICRISAT	ICC 7626	-	-	P9770(Var 47/3-3)	TUR -	-
2574	ICRISAT	ICC 7627	-	-	P9771(Var 48/2-2)	TUR -	-
2575	ICRISAT	ICC 7628	-	-	PS772(Var 48/2-4)	TUR -	-
2576	ICRISAT	ICC 7629	-	-	P9773(Var 50/4-2)	TUR -	-
2577	ICRISAT	ICC 7630	-	-	P9774(Var 50/5-5)	TUR -	-
2578	ICRISAT	ICC 7631	-	-	P9775(Var 53/1-1)	TUR -	-
2579	ICRISAT	ICC 7632	-	-	P9776(Var 52/3-3)	TUR -	-
2580	ICRISAT	ICC 7633	-	-	P9778(Var 55/1-2)	TUR -	-
2581	ICRISAT	ICC 7634	-	-	P9779(Var 56/5-5)	TUR -	-
2582	ICRISAT	ICC 7636	-	-	P9787(Var 64/1-1)	TUR -	-
2583	ICRISAT	ICC 7638	-	-	P9793(Var 83/2-3)	TUR -	-
2584	ICRISAT	ICC 7640	-	-	P9796(Var 86/1-1)	TUR -	-
2585	ICRISAT	ICC 7644	-	-	P9802(Var 95/1-5)	TUR -	-
2586	ICRISAT	ICC 7645	-	-	P9803(Var 96/1-1)	TUR -	-
2587	ICRISAT	ICC 7650	-	-	P9809(Var 104/1-5)	TUR -	-
2588	ICRISAT	ICC 7651	-	-	P9810(Var 108/1-1)	TUR -	-
2589	ICRISAT	ICC 7652	-	-	P9811(Var 110/1-1)	TUR -	-
2590	ICRISAT	ICC 7653	-	-	P9813(Var 115/1-2)	TUR -	-
2591	ICRISAT	ICC 7654	-	-	P9816(Var 118/1)	TUR -	-
2592	ICRISAT	ICC 7655	-	-	P9817(Var 118/2)	TUR -	-
2593	ICRISAT	ICC 7656	-	-	P9818(Var 118/3)	TUR -	-
2594	ICRISAT	ICC 7658	-	-	P9824(Var 125/1)	TUR -	-
2595	ICRISAT	ICC 7661	-	-	P9834(FAO 320/55)	PAL -	-
2596	ICRISAT	ICC 7662	-	-	P9835(FAO 320/56)	USA -	-
2597	ICRISAT	ICC 7663	-	-	P9836(FAO 320/57)	PAL -	-
2598	ICRISAT	ICC 7664	-	-	P9839(FAO 320/61)	ITA -	-
2599	ICRISAT	ICC 7665	-	-	P9840(FAO 320/62)	DZA -	-
2600	ICRISAT	ICC 7668	-	-	P9845(GS1931)	SUN -	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
2601	ICRISAT	ICC 7674	-	-	P9872	PAL -	-
2602	ICRISAT	ICC 7675	-	-	P9873	USA -	-
2603	ICRISAT	ICC 7676	-	-	P9875	PRT -	-
2604	ICRISAT	ICC 7677	-	-	P9877	SUN -	-
2605	ICRISAT	ICC 7680	-	-	P9898(M10536)	GRC -	-
2606	ICRISAT	ICC 7709	ALAD	-	-	JOR Mafrak	Mafrak market
2607	ICRISAT	ICC 7710	ALAD	-	-	IRQ Tel Keif	-
2608	ICRISAT	ICC 7716	ALAD	-	-	GRC -	-
2609	ICRISAT	ICC 7723	ALAD	-	-	SDN -	-
2610	ICRISAT	ICC 7773	ALAD	-	GIZA 1	EGY -	-
2611	ICRISAT	ICC 7774	ALAD	-	F36	EGY -	-
2612	ICRISAT	ICC 7775	-	-	-	EGY -	-
2613	ICRISAT	ICC 7776	ALAD	-	-	LBN -	-
2614	ICRISAT	ICC 7778	ALAD	-	-	DZA -	-
2615	ICRISAT	ICC 7825	ALAD	-	P3342	IRN -	-
2616	ICRISAT	ICC 7859	ALAD	-	P3679	IRN -	-
2617	ICRISAT	ICC 7868	ALAD	-	P3691	IRN -	-
2618	ICRISAT	ICC 7869	ALAD	-	P3692	IRN -	-
2619	ICRISAT	ICC 7874	ALAD	-	P3704	IRN -	-
2620	ICRISAT	ICC 7977	ALAD	-	P3972	IRN -	-
2621	ICRISAT	ICC 7988	ALAD	-	P3994	IRN -	-
2622	ICRISAT	ICC 7993	ALAD	-	P4010	IRN -	-
2623	ICRISAT	ICC 8038	ALAD	-	P6896	IRN -	-
2624	ICRISAT	ICC 8088	ALAD	-	P6949	IRN -	-
2625	ICRISAT	ICC 8273	ALAD	-	Lebanese Local	LBN -	-
2626	ICRISAT	ICC 8284	GAC	-	HYB-16-3(K-16-3)	IND Kanpur;U.P.	-
2627	ICRISAT	ICC 8286	GAC	-	K-13	IND Kanpur;U.P.	-
2628	ICRISAT	ICC 8297	APAU	-	Sample NO 2	IND Hyderabad	-
2629	ICRISAT	ICC 8332	BADN	-	Early Gram 742-7	IND Badnapur;Maharashtra	-
2630	ICRISAT	ICC 8351	-	-	Gulab	IND -	-
2631	ICRISAT	ICC 8365	BADN	-	747-K-1180	IND Badnapur;Maharashtra	-
2632	ICRISAT	ICC 8373	BADN	-	Nasik-Bulktype	IND Badnapur;Maharashtra	-
2633	ICRISAT	ICC 8374	BADN	-	NP28	IND Badnapur;Maharashtra	-
2634	ICRISAT	ICC 8389	BADN	-	Punjab P7	IND Badnapur;Maharashtra	-
2635	ICRISAT	ICC 8390	BADN	-	Pusa 28	IND Badnapur;Maharashtra	-
2636	ICRISAT	ICC 8393	BADN	-	S26	IND Badnapur;Maharashtra	-
2637	ICRISAT	ICC 8420	BADN	-	-	IND Badnapur;Maharashtra	White flower,white gram
2638	ICRISAT	ICC 8444	-	-	JM460	TUN -	-
2639	ICRISAT	ICC 8446	-	-	LJGM JM466(DZ-10-4)	ETH -	-
2640	ICRISAT	ICC 8454	-	-	LJGM JM473(DZ-10-16)	ETH -	-

ILC	DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI	PRO/TONE	LOC/REM
2641	ICRISAT	ICC	8460	-	LJGM JM 479(Culiacan-4)	MEX	-	-
2642	ICRISAT	ICC	8463	-	LJGM JM482-4(PB-1)	PAK	-	-
2643	ICRISAT	ICC	8465	-	LJGM JM482-PP	PAK	-	-
2644	ICRISAT	ICC	8467	-	LJGM JM484(C40)	PAK	-	-
2645	ICRISAT	ICC	8468	-	LJGM JM485(C55)	PAK	-	-
2646	ICRISAT	ICC	8471	-	LJGM JM489	PAK	-	-
2647	ICRISAT	ICC	8472	-	LJGM JM492(27-1)	ESP	-	-
2648	ICRISAT	ICC	8478	-	LJGM JM509(Rabat-46)	MAR	-	-
2649	ICRISAT	ICC	8479	-	LJGM JM510	MAR	-	-
2650	ICRISAT	ICC	8480	-	LJGM JM511(Rabat-57)	MAR	-	-
2651	ICRISAT	ICC	8483	-	LJGM JM515	ESP	-	-
2652	ICRISAT	ICC	8487	-	LJGM JM 521(Azer Bayansk 1158)	SUN	-	-
2653	ICRISAT	ICC	8492	-	LJGM JM 522F	ETH	-	-
2654	ICRISAT	ICC	8496	-	LJGM JM524E(S1 68-258)	-	-	Alemaya market
2655	ICRISAT	ICC	8500	-	LJGM JM529(CLE 8/62)	TUR	-	-
2656	ICRISAT	ICC	8503	-	LJGM JM532(S 5/62)	ITA	-	-
2657	ICRISAT	ICC	8505	-	LJGM JM 534(Bulgaria 2/63)	BGR	-	-
2658	ICRISAT	ICC	8506	-	LJGM JM 535(Azeerbajoz 47/63)	SUN	-	-
2659	ICRISAT	ICC	8507	-	LJGM JM536	SUN	-	-
2660	ICRISAT	ICC	8509	-	LJGM JM538	SUN	-	-
2661	ICRISAT	ICC	8510	-	LJGM JM540	GRC	-	-
2662	ICRISAT	ICC	8516	-	LJGM JM546	GRC	-	-
2663	ICRISAT	ICC	8527	-	LJGM JM557	DZA	-	-
2664	ICRISAT	ICC	8528	-	LJGM JM558	SUN	-	-
2665	ICRISAT	ICC	8529	-	LJGM JM559	SUN	-	-
2666	ICRISAT	ICC	8530	-	LJGM JM560	SUN	-	-
2667	ICRISAT	ICC	8531	-	LJGM JM562	SUN	-	-
2668	ICRISAT	ICC	8532	-	LJGM JM566	-	-	-
2669	ICRISAT	ICC	8543	-	LJGM JM603	-	-	-
2670	ICRISAT	ICC	8544	-	LJGM JM968	-	-	-
2671	ICRISAT	ICC	8545	-	LJGM JM969	-	-	-
2672	ICRISAT	ICC	8559	-	LJGM JM988G	-	-	-
2673	ICRISAT	ICC	8569	-	CJPS SL-133A Kabuli	ETH	-	-
2674	ICRISAT	ICC	8582	-	CJPS SL-913A Kabuli	ETH	-	-
2675	ICRISAT	ICC	8584	-	CJPS SL-913C Black	ETH	-	-
2676	ICRISAT	ICC	8614	-	- SL-1476B	ETH	-	-
2677	ICRISAT	ICC	8622	WP	- WP-2984B	ETH	-	-
2678	ICRISAT	ICC	8635	WP	- WP-5001A	ETH	-	-
2679	ICRISAT	ICC	8638	-	- Ofra	PAL	-	-
2680	ICRISAT	ICC	8639	-	- Ayelet	PAL	-	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
2681	ICRISAT	ICC 8641	ALAD	ALAD	7C	AFG	Khanabad;Kunduz	-
2682	ICRISAT	ICC 8640	ALAD	ALAD	5C	AFG	Khanabad;Kunduz	-
2683	ICRISAT	ICC 8642	ALAD	ALAD	-	AFG	-	-
2684	ICRISAT	ICC 8643	ALAD	ALAD	12C	AFG	Kunduz	-
2685	ICRISAT	ICC 8644	ALAD	ALAD	13C	AFG	-	-
2686	ICRISAT	ICC 8645	ALAD	ALAD	17C	AFG	Badakhshan	-
2687	ICRISAT	ICC 8646	ALAD	ALAD	19C	AFG	Chahab	-
2688	ICRISAT	ICC 8647	ALAD	ALAD	28C	AFG	Badakhshan	-
2689	ICRISAT	ICC 8648	ALAD	ALAD	38C	AFG	Khanabad;Kunduz	-
2690	ICRISAT	ICC 8650	ALAD	ALAD	59C	AFG	-	-
2691	ICRISAT	ICC 8651	ALAD	ALAD	70C	AFG	Quarabagh	-
2692	ICRISAT	ICC 8652	ALAD	ALAD	71C	AFG	Khanabad;Kunduz	-
2693	ICRISAT	ICC 8653	ALAD	ALAD	73C	AFG	Khanabad;Kunduz	-
2694	ICRISAT	ICC 8654	ALAD	ALAD	80C	AFG	Khenjan;Baghlan	-
2695	ICRISAT	ICC 8655	ALAD	ALAD	83C	AFG	Pul-I-Khumri;Baghlan	-
2696	ICRISAT	ICC 8656	ALAD	ALAD	84C	AFG	Pul-I-Khumri;Baghlan	-
2697	ICRISAT	ICC 8657	ALAD	ALAD	87C	AFG	Khanabad;Kunduz	-
2698	ICRISAT	ICC 8658	ALAD	ALAD	91C	AFG	Pul-I-Khumri;Baghlan	-
2699	ICRISAT	ICC 8659	ALAD	ALAD	92C	AFG	Pul-I-Khumri;Baghlan	-
2700	ICRISAT	ICC 8660	ALAD	ALAD	99C	AFG	Pul-I-Khumri;Baghlan	-
2701	ICRISAT	ICC 8661	ALAD	ALAD	100C	AFG	Baghlan	-
2702	ICRISAT	ICC 8662	ALAD	ALAD	103C	AFG	Baghlan	-
2703	ICRISAT	ICC 8663	ALAD	ALAD	106C	AFG	Baghlan	-
2704	ICRISAT	ICC 8664	ALAD	ALAD	111C	AFG	Baghlan	-
2705	ICRISAT	ICC 8665	ALAD	ALAD	114C	AFG	Baghlan	-
2706	ICRISAT	ICC 8666	ALAD	ALAD	116C	AFG	Gird-AB;Baghlan	-
2707	ICRISAT	ICC 8667	ALAD	ALAD	117C	AFG	Kunduz	-
2708	ICRISAT	ICC 8668	ALAD	ALAD	123C	AFG	Dasht-I-Archi;Kunduz	-
2709	ICRISAT	ICC 8669	ALAD	ALAD	-	AFG	-	-
2710	ICRISAT	ICC 8670	ALAD	ALAD	141C	AFG	Chahab	-
2711	ICRISAT	ICC 8671	ALAD	ALAD	143C	AFG	Khanabad;Kunduz	-
2712	ICRISAT	ICC 8672	ALAD	ALAD	144C	AFG	Khanabad;Kunduz	-
2713	ICRISAT	ICC 8673	ALAD	ALAD	145C	AFG	Khanabad;Kunduz	-
2714	ICRISAT	ICC 8674	ALAD	ALAD	146C	AFG	Khanabad;Kunduz	-
2715	ICRISAT	ICC 8675	ALAD	ALAD	147C	AFG	Khanabad;Kunduz	-
2716	ICRISAT	ICC 8676	ALAD	ALAD	148C	AFG	Kunduz	-
2717	ICRISAT	ICC 8677	ALAD	ALAD	151C	AFG	Sandooq-Soy;Takhar	-
2718	ICRISAT	ICC 8678	ALAD	ALAD	152C	AFG	Sandooq-Soy;Takhar	-
2719	ICRISAT	ICC 8679	ALAD	ALAD	153C	AFG	Takhar	-
2720	ICRISAT	ICC 8680	ALAD	ALAD	-	AFG	-	-

ILC DOOR	DOBNO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
2721	ICRISAT	ICC 8681	ALAD	ALAD 155C	AFG Takhar	-
2722	ICRISAT	ICC 8682	ALAD	ALAD 156C	AFG Bouraq;Takhar	-
2723	ICRISAT	ICC 8683	ALAD	ALAD 157C	AFG Bouraq;Takhar	-
2724	ICRISAT	ICC 8684	ALAD	ALAD 160C	AFG Iskhamish;Takhar	-
2725	ICRISAT	ICC 8685	ALAD	ALAD 162C	AFG Takhar	-
2726	ICRISAT	ICC 8686	ALAD	ALAD 163C	AFG Iskhamish;Takhar	-
2727	ICRISAT	ICC 8687	ALAD	ALAD 165C	AFG JIBBEL-DAGH;BAGHLAN	-
2728	ICRISAT	ICC 8688	ALAD	ALAD 166C	AFG Khanabad;Kunduz	-
2729	ICRISAT	ICC 8689	ALAD	ALAD 171C	AFG Khanabad;Kunduz	-
2730	ICRISAT	ICC 8690	ALAD	ALAD 172C	AFG Sheikh-Jalal	-
2731	ICRISAT	ICC 8691	ALAD	ALAD 173C	AFG Majed-E-Jermi;Baghlan	-
2732	ICRISAT	ICC 8692	ALAD	ALAD 193C	AFG Kabul	-
2733	ICRISAT	ICC 8693	ALAD	ALAD 223C	AFG Charikar;Parwan	-
2734	ICRISAT	ICC 8694	ALAD	ALAD 231C	AFG Khanabad;Kunduz	-
2735	ICRISAT	ICC 8695	ALAD	ALAD 234C	AFG Takhar	-
2736	ICRISAT	ICC 8696	ALAD	ALAD 235C	AFG Takhar	-
2737	ICRISAT	ICC 8697	ALAD	ALAD 236C	AFG Amberko near Khanabad	-
2738	ICRISAT	ICC 8698	ALAD	ALAD 237C	AFG Amberko near Khanabad	-
2739	ICRISAT	ICC 8699	ALAD	ALAD 239C	AFG North of Afgh.	-
2740	ICRISAT	ICC 8700	ALAD	ALAD 241C	AFG North of Afgh.	-
2741	ICRISAT	ICC 8701	ALAD	ALAD 244C	AFG Khanabad;Kunduz	-
2742	ICRISAT	ICC 8702	ALAD	ALAD 247C	AFG AMBERKO NEAR KHANBAD	-
2743	ICRISAT	ICC 8703	ALAD	ALAD -	AFG -	-
2744	ICRISAT	ICC 8704	ALAD	ALAD 254C	AFG Charikar;Parwan	-
2745	ICRISAT	ICC 8705	ALAD	ALAD -	AFG -	-
2746	ICRISAT	ICC 8706	ALAD	ALAD -	AFG -	-
2746	ICRISAT	ICC 8706	ALAD	ALAD -	AFG -	-
2748	ICRISAT	ICC 8708	ALAD	ALAD 300C	AFG Kabul	-
2749	ICRISAT	ICC 8709	ALAD	ALAD 311C	AFG Nangarhar	Pakistan border
2750	ICRISAT	ICC 8710	ALAD	ALAD 312C	AFG Kabul	-
2751	ICRISAT	ICC 8711	ALAD	ALAD 324C	AFG Ghazni	-
2752	ICRISAT	ICC 8712	ALAD	ALAD 331C	AFG Wagaz;Ghazni	-
2753	ICRISAT	ICC 8713	ALAD	ALAD 336C	AFG Wagaz;Ghazni	-
2754	ICRISAT	ICC 8714	ALAD	ALAD -	AFG -	-
2755	ICRISAT	ICC 8715	ALAD	ALAD 349C	AFG Ghazni	-
2756	ICRISAT	ICC 8716	ALAD	ALAD 355C	AFG Wardak;Ghazni	-
2757	ICRISAT	ICC 8717	ALAD	ALAD 359C	AFG Mukur;Ghazni	-
2758	ICRISAT	ICC 8719	ALAD	ALAD 371C	AFG Argandhab;Kandahar	-
2759	ICRISAT	ICC 8720	ALAD	ALAD 373C	AFG Kandahar	-
2760	ICRISAT	ICC 8721	ALAD	ALAD 379C	AFG Mazar-I-Sharif;Balkh	-

ILC	DOOR	DO#O	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
2761	ICRISAT	ICC 8722	ALAD	ALAD	380C	AFG Herat	-
2762	ICRISAT	ICC 8723	ALAD	ALAD	387C	AFG Herat	-
2763	ICRISAT	ICC 8724	ALAD	ALAD	388C	AFG Mazar-I-Sharif;Balkh	-
2764	ICRISAT	ICC 8725	ALAD	ALAD	389C	AFG Mazar-I-Sharif;Balkh	-
2765	ICRISAT	ICC 8726	ALAD	ALAD	398C	AFG Herat	-
2766	ICRISAT	ICC 8727	ALAD	ALAD	400C	AFG Herat	-
2767	ICRISAT	ICC 8728	ALAD	ALAD	405C	AFG -	-
2768	ICRISAT	ICC 8729	ALAD	ALAD	408C	AFG Herat	-
2769	ICRISAT	ICC 8730	ALAD	ALAD	409C	AFG Kandahar	-
2770	ICRISAT	ICC 8731	ALAD	ALAD	414C	AFG Herat	-
2771	ICRISAT	ICC 8732	ALAD	ALAD	415C	AFG Herat	-
2772	ICRISAT	ICC 8733	ALAD	ALAD	421C	AFG Herat	-
2773	ICRISAT	ICC 8734	ALAD	ALAD	423C	AFG -	-
2774	ICRISAT	ICC 8735	ALAD	ALAD	427C	AFG Kabul	-
2775	ICRISAT	ICC 8736	ALAD	ALAD	431C	AFG Kandahar	-
2776	ICRISAT	ICC 8737	ALAD	ALAD	435C	AFG Girishk;Hermand	-
2777	ICRISAT	ICC 8738	ALAD	ALAD	440C	AFG Herat	-
2778	ICRISAT	ICC 8739	ALAD	ALAD	448C	AFG Herat	-
2779	ICRISAT	ICC 8740	ALAD	ALAD	449C	AFG Herat	-
2780	ICRISAT	ICC 8741	ALAD	ALAD	454C	AFG Herat	-
2781	ICRISAT	ICC 8742	ALAD	ALAD	460C	AFG Herat	-
2782	ICRISAT	ICC 8743	ALAD	ALAD	-	AFG -	-
2783	ICRISAT	ICC 8744	ALAD	ALAD	472C	AFG Herat	-
2784	ICRISAT	ICC 8745	ALAD	ALAD	473C	AFG Herat	-
2785	ICRISAT	ICC 8746	ALAD	ALAD	475C	AFG Herat	-
2786	ICRISAT	ICC 8747	ALAD	ALAD	479C	AFG -	-
2787	ICRISAT	ICC 8748	ALAD	ALAD	480C	AFG -	-
2788	ICRISAT	ICC 8749	ALAD	ALAD	484C	AFG -	-
2789	ICRISAT	ICC 8750	ALAD	ALAD	485C	AFG -	-
2790	ICRISAT	ICC 8752	ALAD	ALAD	487C	AFG Herat	-
2791	ICRISAT	ICC 8753	ALAD	ALAD	488C	AFG Herat	-
2792	ICRISAT	ICC 8754	ALAD	ALAD	492C	AFG Herat	-
2793	ICRISAT	ICC 8755	ALAD	ALAD	493C	AFG Herat	-
2794	ICRISAT	ICC 8757	ALAD	ALAD	504C	AFG N.E.Badighis	-
2795	ICRISAT	ICC 8758	ALAD	ALAD	514C	AFG Herat	-
2796	ICRISAT	ICC 8759	ALAD	ALAD	515C	AFG Herat	-
2797	ICRISAT	ICC 8760	ALAD	ALAD	-	AFG -	-
2798	ICRISAT	ICC 8761	ALAD	ALAD	517C	AFG Badighis	-
2799	ICRISAT	ICC 8762	ALAD	ALAD	520C	AFG Kushk;Herat	-
2800	ICRISAT	ICC 8763	ALAD	ALAD	521C	AFG Kushk;Herat	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
2801	ICRISAT	ICC 8764	ALAD	ALAD	522C	AFG Mogur;Badighis	-
2802	ICRISAT	ICC 8765	ALAD	ALAD	525C	AFG Qala-I-Naw;Badighis	-
2803	ICRISAT	ICC 8766	ALAD	ALAD	526C	AFG Qala-I-Naw;Badighis	-
2804	ICRISAT	ICC 8767	ALAD	ALAD	528C	AFG Qala-I-Naw;Badighis	-
2805	ICRISAT	ICC 8768	ALAD	ALAD	531C	AFG Badighis	-
2806	ICRISAT	ICC 8769	ALAD	ALAD	539C	AFG Balamurgab;Badighis	-
2807	ICRISAT	ICC 8770	ALAD	ALAD	541C	AFG Balamurgab;Badighis	-
2808	ICRISAT	ICC 8772	ALAD	ALAD	548C	AFG Balamurgab;Badighis	-
2809	ICRISAT	ICC 8773	ALAD	ALAD	550C	AFG Balamurgab;Badighis	-
2810	ICRISAT	ICC 8775	ALAD	ALAD	554C	AFG Kohistan;Badighis	-
2811	ICRISAT	ICC 8776	ALAD	ALAD	555C	AFG Gahoor-Mash;Faryab	-
2812	ICRISAT	ICC 8777	ALAD	ALAD	559C	AFG Chechacto;Faryab	-
2813	ICRISAT	ICC 8778	ALAD	ALAD	561C	AFG Chechacto;Faryab	-
2814	ICRISAT	ICC 8779	ALAD	ALAD	562C	AFG Chechacto;Faryab	-
2815	ICRISAT	ICC 8780	ALAD	ALAD	563C	AFG Qaisar;Faryab	-
2816	ICRISAT	ICC 8781	ALAD	ALAD	571C	AFG Faryab	-
2817	ICRISAT	ICC 8782	ALAD	ALAD	574C	AFG Qaisar;Faryab	-
2818	ICRISAT	ICC 8783	ALAD	ALAD	576C	AFG Qaisar;Faryab	-
2819	ICRISAT	ICC 8784	ALAD	ALAD	579C	AFG Almar 31KM from Qaisar	-
2820	ICRISAT	ICC 8785	ALAD	ALAD	581C	AFG Almar 31KM from Qaisar	-
2821	ICRISAT	ICC 8786	ALAD	ALAD	589C	AFG Maimana;Faryab	-
2822	ICRISAT	ICC 8787	ALAD	ALAD	595C	AFG -	-
2823	ICRISAT	ICC 8788	ALAD	ALAD	596C	AFG Maimana;Faryab	-
2824	ICRISAT	ICC 8789	ALAD	ALAD	-	AFG -	-
2825	ICRISAT	ICC 8790	ALAD	ALAD	607C	AFG Maimana;Faryab	-
2826	ICRISAT	ICC 8791	ALAD	ALAD	610C	AFG Gurzwan	-
2827	ICRISAT	ICC 8792	ALAD	ALAD	614C	AFG Shiberghan;Jezjan	-
2828	ICRISAT	ICC 8793	ALAD	ALAD	628C	AFG Daria-Souf;Samangan	-
2829	ICRISAT	ICC 8794	ALAD	ALAD	636C	AFG Mazar-I-Sharif;Balkh	-
2830	ICRISAT	ICC 8795	ALAD	ALAD	640C	AFG Balkh	-
2831	ICRISAT	ICC 8796	ALAD	ALAD	646C	AFG Mazar-I-Sharif;Balkh	-
2832	ICRISAT	ICC 8797	ALAD	ALAD	651C	AFG Mazar-I-Sharif;Balkh	-
2833	ICRISAT	ICC 8798	ALAD	ALAD	659C	AFG Balkh	-
2834	ICRISAT	ICC 8799	ALAD	ALAD	667C	AFG Daria-Souf;Samangan	-
2835	ICRISAT	ICC 8800	ALAD	ALAD	670C	AFG Mazar-I-Sharif;Balkh	-
2836	ICRISAT	ICC 8801	ALAD	ALAD	672C	AFG -	-
2837	ICRISAT	ICC 8802	ALAD	ALAD	675C	AFG -	-
2838	ICRISAT	ICC 8803	ALAD	ALAD	676C	AFG Dehadi;Balkh	-
2839	ICRISAT	ICC 8804	ALAD	ALAD	678C	AFG Balkh	-
2840	ICRISAT	ICC 8805	ALAD	ALAD	-	AFG -	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
2841	ICRISAT	ICC 8806	ALAD	ALAD	689C	AFG	Mazar-I-Sharif;Balkh	-
2842	ICRISAT	ICC 8807	ALAD	ALAD	698C	AFG	-	-
2843	ICRISAT	ICC 8808	ALAD	ALAD	-	AFG	Kholum;Samangan	-
2844	ICRISAT	ICC 8809	ALAD	ALAD	709C	AFG	Kholum;Samangan	-
2845	ICRISAT	ICC 8810	ALAD	ALAD	713C	AFG	Kholum;Samangan	-
2846	ICRISAT	ICC 8811	ALAD	ALAD	714C	AFG	Kholum;Samangan	-
2847	ICRISAT	ICC 8812	ALAD	ALAD	719C	AFG	Kholum;Samangan	-
2848	ICRISAT	ICC 8813	ALAD	ALAD	720C	AFG	Mazar-I-Sharif;Balkh	-
2849	ICRISAT	ICC 8814	ALAD	ALAD	721C	AFG	Daria-Souf;Samangan	-
2850	ICRISAT	ICC 8815	ALAD	ALAD	722C	AFG	Kholum;Samangan	-
2851	ICRISAT	ICC 8816	ALAD	ALAD	723C	AFG	Daria-Souf;Samangan	-
2852	ICRISAT	ICC 8817	ALAD	ALAD	726C	AFG	Samangan	-
2853	ICRISAT	ICC 8818	ALAD	ALAD	727C	AFG	-	-
2854	ICRISAT	ICC 8819	ALAD	ALAD	728C	AFG	-	-
2855	ICRISAT	ICC 8820	ALAD	ALAD	729C	AFG	Samangan	-
2856	ICRISAT	ICC 8821	ALAD	ALAD	731C	AFG	Mazar-I-Sharif;Balkh	-
2857	ICRISAT	ICC 8822	ALAD	ALAD	732C	AFG	Samangan	-
2858	ICRISAT	ICC 8823	ALAD	ALAD	735C	AFG	Umbarco;Takhar	-
2859	ICRISAT	ICC 8824	ALAD	ALAD	740C	AFG	Umbarco;Takhar	-
2860	ICRISAT	ICC 8825	ALAD	ALAD	741C	AFG	Khanabad;Kunduz	-
2861	ICRISAT	ICC 8826	ALAD	ALAD	742C	AFG	Khanabad;Kunduz	-
2862	ICRISAT	ICC 8827	ALAD	ALAD	744C	AFG	Umbarco;Takhar	-
2863	ICRISAT	ICC 8828	ALAD	ALAD	745C	AFG	Karmancia;Takhar	-
2864	ICRISAT	ICC 8829	ALAD	ALAD	746C	AFG	Chalhab;Takhar	-
2865	ICRISAT	ICC 8830	ALAD	ALAD	747C	AFG	Talakan;Takhar	-
2866	ICRISAT	ICC 8831	ALAD	ALAD	749C	AFG	Khanabad;Kunduz	-
2867	ICRISAT	ICC 8833	ALAD	ALAD	751C	AFG	Umbarco;Takhar	-
2868	ICRISAT	ICC 8834	ALAD	ALAD	752C	AFG	Kishim;Badakhshan	-
2869	ICRISAT	ICC 8835	ALAD	ALAD	753C	AFG	Jalwsha;Takhar	-
2870	ICRISAT	ICC 8836	ALAD	ALAD	754C	AFG	Deh-Abad;Kunduz	-
2871	ICRISAT	ICC 8837	ALAD	ALAD	755C	AFG	Kunduz	-
2872	ICRISAT	ICC 8838	ALAD	ALAD	756C	AFG	Kunduz	-
2873	ICRISAT	ICC 8839	ALAD	ALAD	757C	AFG	Lalakai	-
2874	ICRISAT	ICC 8840	ALAD	ALAD	758C	AFG	Deh-Abad;Kunduz	-
2875	ICRISAT	ICC 8841	ALAD	ALAD	759C	AFG	Talakan;Takhar	-
2876	ICRISAT	ICC 8842	ALAD	ALAD	760C	AFG	Calafgan;Takhar	-
2877	ICRISAT	ICC 8843	ALAD	ALAD	762C	AFG	Talakan;Takhar	-
2878	ICRISAT	ICC 8844	ALAD	ALAD	764C	AFG	Talakan;Takhar	-
2879	ICRISAT	ICC 8845	ALAD	ALAD	765C	AFG	Talakan;Takhar	-
2880	ICRISAT	ICC 8846	ALAD	ALAD	766C	AFG	Tundan Aftala;Takhar	-



ILC	DOOR	DOFO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
2881	ICRISAT	ICC 3847	ALAD	ALAD	767C	AFG Talakan;Takhar	-
2882	ICRISAT	ICC 8848	ALAD	ALAD	770C	AFG Talakan;Takhar	-
2883	ICRISAT	ICC 8849	ALAD	ALAD	771C	AFG Talakan;Takhar	-
2884	ICRISAT	ICC 8850	ALAD	ALAD	772C	AFG Talakan;Takhar	-
2885	ICRISAT	ICC 8851	ALAD	ALAD	773C	AFG Talakan;Takhar	-
2886	ICRISAT	ICC 8852	ALAD	ALAD	774C	AFG Talakan;Takhar	-
2887	ICRISAT	ICC 8853	ALAD	ALAD	775C	AFG Talakan;Takhar	-
2888	ICRISAT	ICC 8854	ALAD	ALAD	776C	AFG Talakan;Takhar	-
2889	ICRISAT	ICC 8855	ALAD	ALAD	777C	AFG Talakan;Takhar	-
2890	ICRISAT	ICC 8856	ALAD	ALAD	778C	AFG Talakan;Takhar	-
2891	ICRISAT	ICC 8857	ALAD	ALAD	779C	AFG Khatayan;Badakhshan	-
2892	ICRISAT	ICC 8858	ALAD	ALAD	780C	AFG Khatayan;Badakhshan	-
2893	ICRISAT	ICC 8859	ALAD	ALAD	781C	AFG Khatayan;Badakhshan	-
2894	ICRISAT	ICC 8860	ALAD	ALAD	782C	AFG Astena-Teba;Badakhshan	-
2895	ICRISAT	ICC 8861	ALAD	ALAD	783C	AFG Astena-Teba;Badakhshan	-
2896	ICRISAT	ICC 8862	ALAD	ALAD	784C	AFG Astena-Teba;Badakhshan	-
2897	ICRISAT	ICC 8863	ALAD	ALAD	786C	AFG Astena-Teba;Badakhshan	-
2898	ICRISAT	ICC 8864	ALAD	ALAD	787C	AFG Kalafgan;Badakhshan	-
2899	ICRISAT	ICC 8866	ALAD	ALAD	791C	AFG Kalafgan;Badakhshan	-
2900	ICRISAT	ICC 8867	ALAD	ALAD	793C	AFG Kishim;Badakhshan	-
2901	ICRISAT	ICC 8868	ALAD	ALAD	798C	AFG Kishim;Badakhshan	-
2902	ICRISAT	ICC 8869	ALAD	ALAD	800C	AFG Kishim;Badakhshan	-
2903	ICRISAT	ICC 8870	ALAD	ALAD	801C	AFG Sabezebuhar;Badakhshan	-
2904	ICRISAT	ICC 8871	ALAD	ALAD	803C	AFG Sabezebuhar;Badakhshan	-
2905	ICRISAT	ICC 8872	ALAD	ALAD	804C	AFG Samati;Badakhshan	-
2906	ICRISAT	ICC 8873	ALAD	ALAD	805C	AFG Faizabad;Badakhshan	-
2907	ICRISAT	ICC 8874	ALAD	ALAD	806C	AFG Faizabad;Badakhshan	-
2908	ICRISAT	ICC 8875	ALAD	ALAD	807C	AFG Faizabad;Badakhshan	-
2909	ICRISAT	ICC 8876	ALAD	ALAD	808C	AFG Faizabad;Badakhshan	-
2910	ICRISAT	ICC 8877	ALAD	ALAD	809C	AFG Faizabad;Badakhshan	-
2911	ICRISAT	ICC 8878	ALAD	ALAD	810C	AFG Faizabad;Badakhshan	-
2912	ICRISAT	ICC 8879	ALAD	ALAD	814C	AFG Faizabad;Badakhshan	-
2913	ICRISAT	ICC 8880	ALAD	ALAD	816C	AFG Faizabad;Badakhshan	-
2914	ICRISAT	ICC 8881	ALAD	ALAD	818C	AFG Faizabad;Badakhshan	-
2915	ICRISAT	ICC 8882	ALAD	ALAD	819C	AFG Faizabad;Badakhshan	-
2916	ICRISAT	ICC 8883	ALAD	ALAD	822C	AFG Yaftal-Kajkham;Badakhshan	-
2917	ICRISAT	ICC 8884	ALAD	ALAD	823C	AFG Deh-Zendan;Badakhshan	-
2918	ICRISAT	ICC 8885	ALAD	ALAD	824C	AFG Yaftal-Kajkham;Badakhshan	-
2919	ICRISAT	ICC 8886	ALAD	ALAD	825C	AFG Faizabad;Badakhshan	-
2920	ICRISAT	ICC 8887	ALAD	ALAD	828C	AFG Faizabad;Badakhshan	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
2921	ICRISAT	ICC 8888	ALAD	ALAD	832C	AFG Faizabad;Badakhshan	-
2922	ICRISAT	ICC 8889	ALAD	ALAD	834C	AFG Faizabad;Badakhshan	-
2923	ICRISAT	ICC 8890	ALAD	ALAD	835C	AFG Faizabad;Badakhshan	-
2924	ICRISAT	ICC 8891	ALAD	ALAD	836C	AFG Faizabad;Badakhshan	-
2925	ICRISAT	ICC 8892	ALAD	ALAD	838C	AFG Faizabad;Badakhshan	-
2926	ICRISAT	ICC 8894	ALAD	ALAD	840C	AFG Faizabad;Badakhshan	-
2927	ICRISAT	ICC 8895	ALAD	ALAD	842C	AFG Faizabad;Badakhshan	-
2928	ICRISAT	ICC 8896	ALAD	ALAD	843C	AFG Yaftal;Badakhshan	-
2929	ICRISAT	ICC 8897	ALAD	ALAD	844C	AFG Faizabad;Badakhshan	-
2930	ICRISAT	ICC 8898	ALAD	ALAD	845C	AFG Faizabad;Badakhshan	-
2931	ICRISAT	ICC 8899	ALAD	ALAD	846C	AFG Faizabad;Badakhshan	-
2932	ICRISAT	ICC 8900	ALAD	ALAD	847C	AFG Faizabad;Badakhshan	-
2933	ICRISAT	ICC 8901	ALAD	ALAD	848C	AFG Yaftal;Badakhshan	-
2934	ICRISAT	ICC 8902	ALAD	ALAD	851C	AFG Kairabad;Badakhshan	-
2935	ICRISAT	ICC 8903	ALAD	ALAD	852C	AFG Barak;Badakhshan	-
2936	ICRISAT	ICC 8904	ALAD	ALAD	853C	AFG Faizabad;Badakhshan	-
2937	ICRISAT	ICC 8905	ALAD	ALAD	854C	AFG Barak;Badakhshan	-
2938	ICRISAT	ICC 8906	ALAD	ALAD	857C	AFG Barak;Badakhshan	-
2939	ICRISAT	ICC 8907	ALAD	ALAD	858C	AFG Dasti-Farakh;Badakhshan	-
2940	ICRISAT	ICC 8908	ALAD	ALAD	859C	AFG Dasti-Farakh;Badakhshan	-
2941	ICRISAT	ICC 8909	ALAD	ALAD	862C	AFG Jerm;Badakhshan	-
2942	ICRISAT	ICC 8910	ALAD	ALAD	864C	AFG Jerm;Badakhshan	-
2943	ICRISAT	ICC 8911	ALAD	ALAD	865C	AFG Badakhshan	-
2944	ICRISAT	ICC 8912	ALAD	ALAD	866C	AFG Faizabad;Badakhshan	-
2945	ICRISAT	ICC 8913	ALAD	ALAD	867C	AFG Pata-Gazar	-
2946	ICRISAT	ICC 8914	ALAD	ALAD	869C	AFG Katafghan	-
2947	ICRISAT	ICC 8915	ALAD	ALAD	870C	AFG Katafghan	-
2948	ICRISAT	ICC 8916	ALAD	ALAD	871C	AFG Katafghan	-
2949	ICRISAT	ICC 8917	ICRISAT	LJGM	ANO-16	AFG -	-
2950	ICRISAT	ICC 8918	ICRISAT	LJGM	ANO-27-1	AFG -	-
2951	ICRISAT	ICC 8921	WAGG	-	K 1174	SUN -	-
2952	ICRISAT	ICC 8923	WAGG	-	K 1189	SUN -	-
2953	ICRISAT	ICC 8924	WAGG	-	K 1258	SUN -	-
2954	ICRISAT	ICC 8925	WAGG	-	K 1286	SUN -	-
2955	ICRISAT	ICC 8926	WAGG	-	K 1480	SUN -	-
2956	ICRISAT	ICC 8927	WAGG	-	K 1481	SUN -	-
2957	ICRISAT	ICC 8929	WAGG	-	56567 (L-1286)	SUN -	-
2958	ICRISAT	ICC 9140	ALAD	ALAD	P 2048	IRN -	-
2959	ICRISAT	ICC 9206	ALAD	ALAD	-	IRN -	-
2960	ICRISAT	ICC 9232	ALAD	ALAD	P 6627	IRN -	-

IIC	DOOR	DOMO	CLOR	COLL	CLRO/PED	ORI	PRO/TOWN	LOC/REM
2961	ICRISAT	ICC 9442	ALAD	ALAD	P 3991	IRN	-	-
2962	ICRISAT	ICC 9593	MAI	-	P 1846 (0021-0019)	IRN	-	-
2963	ICRISAT	ICC 9768	ALAD	ALAD	17C-2	AFG	-	-
2964	ICRISAT	ICC 9769	ALAD	ALAD	19C-1	AFG	-	-
2965	ICRISAT	ICC 9770	ALAD	ALAD	28C-2	AFG	-	-
2966	ICRISAT	ICC 9801	ALAD	ALAD	366C-1	AFG	-	-
2967	ICRISAT	ICC 9803	ALAD	ALAD	405C-2	AFG	-	-
2968	ICRISAT	ICC 9804	ALAD	ALAD	423C-2	AFG	-	-
2969	ICRISAT	ICC 9805	ALAD	ALAD	431C-2	AFG	-	-
2970	ICRISAT	ICC 9806	ALAD	ALAD	435C-1	AFG	-	-
2971	ICRISAT	ICC 9807	ALAD	ALAD	448C-2	AFG	-	-
2972	ICRISAT	ICC 9808	ALAD	ALAD	449C-2	AFG	-	-
2973	ICRISAT	ICC 9809	ALAD	ALAD	472C-1	AFG	-	-
2974	ICRISAT	ICC 9810	ALAD	ALAD	517C-1	AFG	Badighis	-
2975	ICRISAT	ICC 9811	ALAD	ALAD	520C-2	AFG	-	-
2976	ICRISAT	ICC 9812	ALAD	ALAD	526C-2	AFG	-	-
2977	ICRISAT	ICC 9813	ALAD	ALAD	528C-1	AFG	-	-
2978	ICRISAT	ICC 9814	ALAD	ALAD	539C-1	AFG	-	-
2979	ICRISAT	ICC 9815	ALAD	ALAD	541C-2	AFG	-	-
2980	ICRISAT	ICC 9816	ALAD	ALAD	547C-2	AFG	-	-
2981	ICRISAT	ICC 9817	ALAD	ALAD	551C-2	AFG	-	-
2982	ICRISAT	ICC 9819	ALAD	ALAD	559C-2	AFG	-	-
2983	ICRISAT	ICC 9820	ALAD	ALAD	561C-2	AFG	-	-
2984	ICRISAT	ICC 9821	ALAD	ALAD	562C-2	AFG	-	-
2985	ICRISAT	ICC 9822	ALAD	ALAD	563C-2	AFG	-	-
2986	ICRISAT	ICC 9823	ALAD	ALAD	571C-2	AFG	-	-
2987	ICRISAT	ICC 9824	ALAD	ALAD	574C-1	AFG	-	-
2988	ICRISAT	ICC 9825	ALAD	ALAD	576C-2	AFG	-	-
2989	ICRISAT	ICC 9826	ALAD	ALAD	581C-2	AFG	-	-
2990	ICRISAT	ICC 9827	ALAD	ALAD	589C-2	AFG	-	-
2991	ICRISAT	ICC 9828	ALAD	ALAD	595C-2	AFG	-	-
2992	ICRISAT	ICC 9829	ALAD	ALAD	596C-2	AFG	-	-
2993	ICRISAT	ICC 9830	ALAD	ALAD	603C-2	AFG	-	-
2994	ICRISAT	ICC 9831	ALAD	ALAD	607C-2	AFG	-	-
2995	ICRISAT	ICC 9832	ALAD	ALAD	646C-2	AFG	-	-
2996	ICRISAT	ICC 9833	ALAD	ALAD	675C-1	AFG	-	-
2997	ICRISAT	ICC 9834	ALAD	ALAD	703C-2	AFG	-	-
2998	ICRISAT	ICC 9835	ALAD	ALAD	713C-2	AFG	-	-
2999	ICRISAT	ICC 9836	ALAD	ALAD	723C-2	AFG	-	-
3000	ICRISAT	ICC 9837	ALAD	ALAD	726C-2	AFG	-	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
3001	ICRISAT	ICC 9838	ALAD	ALAD	731C-2	AFG	-	-
3002	ICRISAT	ICC 9839	ALAD	ALAD	735C-2	AFG	-	-
3003	ICRISAT	ICC 9840	ALAD	ALAD	740C-1	AFG	-	-
3004	ICRISAT	ICC 9841	ALAD	ALAD	741C-2	AFG	-	-
3005	ICRISAT	ICC 9842	ALAD	ALAD	742C-1	AFG	-	-
3006	ICRISAT	ICC 9843	ALAD	ALAD	746C-1	AFG	-	-
3007	ICRISAT	ICC 9844	ALAD	ALAD	747C-2	AFG	-	-
3008	ICRISAT	ICC 9845	ALAD	ALAD	752C-2	AFG	-	-
3009	ICRISAT	ICC 9846	ALAD	ALAD	753C-1	AFG	-	-
3010	ICRISAT	ICC 9847	ALAD	ALAD	754C-2	AFG	-	-
3011	ICRISAT	ICC 9848	ALAD	ALAD	755C-2	AFG	-	-
3012	ICRISAT	ICC 9849	ALAD	ALAD	758C-1	AFG	-	-
3013	ICRISAT	ICC 9850	ALAD	ALAD	759C-2	AFG	-	-
3014	ICRISAT	ICC 9851	ALAD	ALAD	760C-2	AFG	-	-
3015	ICRISAT	ICC 9852	ALAD	ALAD	762C-1	AFG	-	-
3016	ICRISAT	ICC 9853	ALAD	ALAD	765C-2	AFG	-	-
3017	ICRISAT	ICC 9855	ALAD	ALAD	770C-1	AFG	-	-
3018	ICRISAT	ICC 9856	ALAD	ALAD	772C-2	AFG	-	-
3019	ICRISAT	ICC 9858	ALAD	ALAD	782C-2	AFG	-	-
3020	ICRISAT	ICC 9859	ALAD	ALAD	783C-1	AFG	-	-
3021	ICRISAT	ICC 9860	ALAD	ALAD	784C-2	AFG	-	-
3022	ICRISAT	ICC 9861	ALAD	ALAD	786C-1	AFG	-	-
3023	ICRISAT	ICC 9863	ALAD	ALAD	789C-2	AFG	-	-
3024	ICRISAT	ICC 9864	ALAD	ALAD	791C-2	AFG	-	-
3025	ICRISAT	ICC 9865	ALAD	ALAD	793C-2	AFG	-	-
3026	ICRISAT	ICC 9866	ALAD	ALAD	800C-2	AFG	-	-
3027	ICRISAT	ICC 9867	ALAD	ALAD	803C-2	AFG	-	-
3028	ICRISAT	ICC 9868	ALAD	ALAD	804C-2	AFG	-	-
3029	ICRISAT	ICC 9869	ALAD	ALAD	805C-2	AFG	-	-
3030	ICRISAT	ICC 9870	ALAD	ALAD	806C-2	AFG	-	-
3031	ICRISAT	ICC 9871	ALAD	ALAD	807C-2	AFG	-	-
3032	ICRISAT	ICC 9872	ALAD	ALAD	808C-2	AFG	-	-
3033	ICRISAT	ICC 9873	ALAD	ALAD	809C-2	AFG	-	-
3034	ICRISAT	ICC 9874	ALAD	ALAD	810C-2	AFG	-	-
3035	ICRISAT	ICC 9875	ALAD	ALAD	814C-2	AFG	-	-
3036	ICRISAT	ICC 9876	ALAD	ALAD	816C-1	AFG	-	-
3037	ICRISAT	ICC 9877	ALAD	ALAD	819C-2	AFG	-	-
3038	ICRISAT	ICC 9878	ALAD	ALAD	822C-2	AFG	-	-
3039	ICRISAT	ICC 9879	ALAD	ALAD	823C-2	AFG	-	-
3040	ICRISAT	ICC 9880	ALAD	ALAD	824C-2	AFG	-	-

ILC DOOR	DOBNO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
3041	ICRISAT	ICC 9881	ALAD	ALAD 825C-2	AFG -	-
3042	ICRISAT	ICC 9882	ALAD	ALAD 828C-2	AFG -	-
3043	ICRISAT	ICC 9883	ALAD	ALAD 832C-2	AFG -	-
3044	ICRISAT	ICC 9884	ALAD	ALAD 834C-2	AFG -	-
3045	ICRISAT	ICC 9885	ALAD	ALAD 835C-2	AFG -	-
3046	ICRISAT	ICC 9886	ALAD	ALAD 836C-2	AFG -	-
3047	ICRISAT	ICC 9887	ALAD	ALAD 838C-2	AFG -	-
3048	ICRISAT	ICC 9888	ALAD	ALAD 839C-2	AFG -	-
3049	ICRISAT	ICC 9889	ALAD	ALAD 840C-2	AFG -	-
3050	ICRISAT	ICC 9890	ALAD	ALAD 842C-2	AFG -	-
3051	ICRISAT	ICC 9891	ALAD	ALAD 843C-2	AFG -	-
3052	ICRISAT	ICC 9893	ALAD	ALAD 845C-2	AFG -	-
3053	ICRISAT	ICC 9894	ALAD	ALAD 846C-2	AFG -	-
3054	ICRISAT	ICC 9895	ALAD	ALAD 847C-2	AFG -	-
3055	ICRISAT	ICC 9896	ALAD	ALAD 848C-2	AFG -	-
3056	ICRISAT	ICC 9897	ALAD	ALAD 851C-2	AFG -	-
3057	ICRISAT	ICC 9898	ALAD	ALAD 852C-2	AFG -	-
3058	ICRISAT	ICC 9899	ALAD	ALAD 853C-2	AFG -	-
3059	ICRISAT	ICC 9900	ALAD	ALAD 854C-2	AFG -	-
3060	ICRISAT	ICC 9901	ALAD	ALAD 857C-1	AFG -	-
3061	ICRISAT	ICC 9902	ALAD	ALAD 859C-2	AFG -	-
3062	ICRISAT	ICC 9903	ALAD	ALAD 862C-2	AFG -	-
3063	ICRISAT	ICC 9904	ALAD	ALAD 864C-1	AFG -	-
3064	ICRISAT	ICC 9905	ALAD	ALAD 865C-2	AFG -	-
3065	ICRISAT	ICC 9906	ALAD	ALAD 867C-2	AFG -	-
3066	ICRISAT	ICC 9907	ALAD	ALAD 869C-2	AFG -	-
3067	ICRISAT	ICC 9908	ALAD	ALAD 870C-2	AFG -	-
3068	ICRISAT	ICC 9909	ALAD	ALAD 871C-1	AFG -	-
3069	ICRISAT	ICC 10003	ICRISAT	RPSP RPSP-92	IND Balangir;Orissa	Market sample
3070	ICRISAT	ICC 10005	ICRISAT	RPSP RPSP-94	IND Sambhalpur;Orissa	Market sample
3071	ICRISAT	ICC 10006	ICRISAT	RPSP RPSP-95	IND Barapali;Sambhalpur;Orissa	Market sample
3072	ICRISAT	ICC 10008	ICRISAT	RPSP RPSP-97	IND Baragarh;Sambhalpur;Orissa	Market sample
3073	ICRISAT	ICC 10010	ICRISAT	RPSP RPSP-99	IND Sambhalpur;Orissa	Market sample
3074	ICRISAT	ICC 10013	ICRISAT	RPSP RPSP-102	IND Sambhalpur;Orissa	Market sample
3075	ICRISAT	ICC 10035	ICRISAT	RPSP L 550	IND -	Peduncle mutant
3076	ICRISAT	ICC 10037	ICRISAT	AKA Shahkot-2	PAK Shakot	-
3077	ICRISAT	ICC 10052	ICRISAT	AKA Sample 17	PAK -	-
3078	ICRISAT	ICC 10053	ICRISAT	AKA Sample 18	PAK -	-
3079	ICRISAT	ICC 10060	ICRISAT	AKA Sample 25	PAK -	-
3080	ICRISAT	ICC 10064	ICRISAT	AKA Sample 29	PAK -	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
3081	ICRISAT	ICC 10065	ICRISAT	AKA	Sample 30	PAK -	Market sample
3082	ICRISAT	ICC 10073	ICRISAT	ANM	ANM 121	IND Madhya Pradesh	Market sample
3083	ICRISAT	ICC 10078	ICRISAT	ANM	ANM 122	IND Nasrulla Ganj;Sehore;M.P.	-
3084	ICRISAT	ICC 10083	MAI	-	P3664(1798-1837)	IRN Shapour	-
3085	ICRISAT	ICC 10085	RPIP	-	P4109(2282)	IRN Sabzevar	-
3086	ICRISAT	ICC 10103	IARI	-	P6124(PLGR NO.88)	IND -	-
3087	ICRISAT	ICC 10124	MAI	-	P5445 B(305)	IRN Ardebil	-
3088	ICRISAT	ICC 10302	ALAD	-	-	COL -	-
3089	ICRISAT	ICC 10303	ICRISAT	LJGM	JM-2066	TUR -	-
3090	ICRISAT	ICC 10304	ICRISAT	LJGM	JM-2067	TUR -	-
3091	ICRISAT	ICC 10305	ICRISAT	LJGM	JM-2068	TUR -	-
3092	ICRISAT	ICC 10306	ICRISAT	LJGM	JM-2079	TUR -	-
3093	ICRISAT	ICC 10307	ICRISAT	LJGM	JM-2085	TUR -	-
3094	ICRISAT	ICC 10308	ICRISAT	LJGM	JM-2097	TUR -	-
3095	ICRISAT	ICC 10309	ICRISAT	LJGM	JM-2109	TUR -	-
3096	ICRISAT	ICC 10310	ICRISAT	LJGM	JM-2111	TUR -	-
3097	ICRISAT	ICC 10311	ICRISAT	LJGM	JM-2125	TUR -	-
3098	ICRISAT	ICC 10312	ICRISAT	LJGM	JM-2157	TUR Tokat	-
3099	ICRISAT	ICC 10313	ICRISAT	LJGM	JM-2158	TUR -	-
3100	ICRISAT	ICC 10314	FAAU	-	Ispanyol Nohut-A-Pgd NO 1	TUR -	-
3101	ICRISAT	ICC 10315	FAAU	-	R N2 (R N = REGD NO)	TUR -	-
3102	ICRISAT	ICC 10316	FAAU	-	R N3	TUR -	-
3103	ICRISAT	ICC 10317	FAAU	-	R N4	TUR -	-
3104	ICRISAT	ICC 10318	FAAU	-	R N5	TUR -	-
3105	ICRISAT	ICC 10319	FAAU	-	R N6	TUR -	-
3106	ICRISAT	ICC 10320	FAAU	-	R N10	TUR -	-
3107	ICRISAT	ICC 10322	FAAU	-	R N16	TUR -	-
3108	ICRISAT	ICC 10323	FAAU	-	R N19(Nohut-2)	TUR -	-
3109	ICRISAT	ICC 10324	FAAU	-	R N20(Nohut-3)	TUR -	-
3110	ICRISAT	ICC 10325	FAAU	-	R N39(Nohut-21)	TUR -	-
3111	ICRISAT	ICC 10326	FAAU	-	R N40 Beyaz Nohut-23	TUR -	-
3112	ICRISAT	ICC 10327	FAAU	-	R N41 Beyaz Nohut-23	TUR -	-
3113	ICRISAT	ICC 10328	FAAU	-	R N42 15/1-25	TUR -	-
3114	ICRISAT	ICC 10329	FAAU	-	R N43 Kucuk Develi-17/3-26	TUR -	-
3115	ICRISAT	ICC 10330	FAAU	-	R N44 Kucuk Develi-17/4-27	TUR -	-
3116	ICRISAT	ICC 10331	FAAU	-	R N45 Kucuk Develi-17/6-28	TUR -	-
3117	ICRISAT	ICC 10332	FAAU	-	R N46	TUR -	-
3118	ICRISAT	ICC 10334	FAAU	-	R N48	TUR -	-
3119	ICRISAT	ICC 10335	FAAU	-	R N51	TUR -	-
3120	ICRISAT	ICC 10336	FAAU	-	R N52	TUR -	-

ILC	DOOR	DOBO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
3121	ICRISAT	ICC	10337	FAAU	- R N53	TUR	-	-
3122	ICRISAT	ICC	10338	FAAU	- R N54	TUR	-	-
3123	ICRISAT	ICC	10339	FAAU	- R N55 Yesil 20/4-38	TUR	-	-
3124	ICRISAT	ICC	10340	FAAU	- R N56	TUR	-	-
3125	ICRISAT	ICC	10341	FAAU	- R N59 ADI 21/3-42	TUR	-	-
3126	ICRISAT	ICC	10344	FAAU	- R N62 Romanya 23/1-45	TUR	-	-
3127	ICRISAT	ICC	10345	FAAU	- R N64 Yesil Kabak 25/2-47	TUR	-	-
3128	ICRISAT	ICC	10346	FAAU	- R N65 Yesil Kabak 25/6-48	TUR	-	-
3129	ICRISAT	ICC	10347	FAAU	- R N67 Yesil Kabak 28/2-50	TUR	-	-
3130	ICRISAT	ICC	10348	FAAU	- R N68 Yesil Kabak 26/3-51	TUR	-	-
3131	ICRISAT	ICC	10349	FAAU	- R N69 Ispanyole 27/1-52	TUR	-	-
3132	ICRISAT	ICC	10350	FAAU	- R N70 Ispanyole 27/2-53	TUR	-	-
3133	ICRISAT	ICC	10352	FAAU	- R N72 Yesil 28/2-55	TUR	-	-
3134	ICRISAT	ICC	10353	FAAU	- R N73 Yesil 28/3-56	TUR	-	-
3135	ICRISAT	ICC	10356	FAAU	- R N77 Yesil 27/2-60	TUR	-	-
3136	ICRISAT	ICC	10358	FAAU	- R N79 Yesil 35/1-62	TUR	-	-
3137	ICRISAT	ICC	10359	FAAU	- R N166	TUR	-	-
3138	ICRISAT	ICC	10360	FAAU	- R N168 AK 94/2-151	TUR	-	-
3139	ICRISAT	ICC	10361	FAAU	- R N175 98/1-58	TUR	-	-
3140	ICRISAT	ICC	10363	FAAU	- R N260 Kabak	TUR	-	-
3141	ICRISAT	ICC	10364	FAAU	- R N202	TUR	-	-
3142	ICRISAT	ICC	10366	FAAU	- R N204 Yerli B	TUR	-	-
3143	ICRISAT	ICC	10369	FAAU	- R N334 Yerli 35/1-1	TUR	-	-
3144	ICRISAT	ICC	10370	FAAU	- R N337 Yerli 35/1-4	TUR	-	-
3145	ICRISAT	ICC	10371	FAAU	- R N342 Ispanyol 40/1-5	TUR	-	-
3146	ICRISAT	ICC	10466	ICRISAT	ANM ANM-570	IND	Rangali Sambalpur;Orissa	-
3147	ICRISAT	ICC	10568	ICRISAT	RPSP RPSP-299	IND	Jirota;Jaipur;Rajasthan	-
3148	ICRISAT	ICC	10606	ICRISAT	AKA Shahkot-5-1	PAK	-	-
3149	ICRISAT	ICC	10684	PIC	- CRIC 34848	TUR	-	-
3150	ICRISAT	ICC	10686	PIC	- CRIC 34850	TUR	Cine;Aydin	-
3151	ICRISAT	ICC	10687	PIC	- CRIC-34851	TUR	Islahiye;Gaziantep	-
3152	ICRISAT	ICC	10690	PIC	- CRIC-34854	TUR	Cardak;Denizli	-
3153	ICRISAT	ICC	10692	PIC	- CRIC-34856	TUR	Geyve;Sakarya	-
3154	ICRISAT	ICC	10693	PIC	- CRIC-34857	TUR	Sarz;Kayseri	-
3155	ICRISAT	ICC	10694	PIC	- CRIC-34859	TUR	Dinar;Afyon	-
3156	ICRISAT	ICC	10702	PIC	- CRIC-34868	TUR	Datca;Mugla	-
3157	ICRISAT	ICC	10709	PIC	- CRIC-34875	TUR	Senirkent;Isparta	-
3158	ICRISAT	ICC	10710	PIC	- CRIC-34876	TUR	Isparta	-
3159	ICRISAT	ICC	10711	PIC	- CRIC-34877	TUR	Sultandagi;Afyon	-
3160	ICRISAT	ICC	10712	PIC	- CRIC-34878	TUR	Cardak;Denizli	-

ILC	DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REN
3161	ICRISAT	ICC 10713	PIC	-	CRIC-34879	TUR	Banaz;Usak	-
3162	ICRISAT	ICC 10714	PIC	-	CRIC-34880	TUR	Bordum;Mugla	-
3163	ICRISAT	ICC 10715	PIC	-	CRIC-34881	TUR	Merzifon;Amasya	-
3164	ICRISAT	ICC 10716	PIC	-	CRIC-34882	TUR	Tavas;Denizli	-
3165	ICRISAT	ICC 10717	PIC	-	CRIC-34883	TUR	Domanic;Kutahya	-
3166	ICRISAT	ICC 10719	PIC	-	CRIC-34887	TUR	Kutahya	-
3167	ICRISAT	ICC 10720	PIC	-	CRIC-34888	TUR	Enez;Edirne	-
3168	ICRISAT	ICC 10721	PIC	-	CRIC-34890	TUR	Kutahya	-
3169	ICRISAT	ICC 10722	PIC	-	CRIC-34891	TUR	Bursa	-
3170	ICRISAT	ICC 10723	PIC	-	CRIC-34892	TUR	Kutahya	-
3171	ICRISAT	ICC 10724	PIC	-	CRIC-34893	TUR	Dinar;Afyon	-
3172	ICRISAT	ICC 10725	PIC	-	CRIC-34894	TUR	Amasya	-
3173	ICRISAT	ICC 10727	PIC	-	CRIC-34897	TUR	Uluborlu;Isparta	-
3174	ICRISAT	ICC 10728	PIC	-	CRIC-34898	TUR	Kutahya	-
3175	ICRISAT	ICC 10729	PIC	-	CRIC-34899	TUR	Kutahya	-
3176	ICRISAT	ICC 10730	PIC	-	CRIC-34900	TUR	Manisa	-
3177	ICRISAT	ICC 10731	PIC	-	CRIC-34901	TUR	Cardak;Denizli	-
3178	ICRISAT	ICC 10732	PIC	-	CRIC-34902	TUR	Banaz;Usak	-
3179	ICRISAT	ICC 10733	PIC	-	CRIC-34903	TUR	Meric;Edirne	-
3180	ICRISAT	ICC 10734	PIC	-	CRIC-34904	TUR	Cardak;Denizli	-
3181	ICRISAT	ICC 10735	PIC	-	CRIC-34905	TUR	Goskin;Maras	-
3182	ICRISAT	ICC 10736	PIC	-	CRIC-34906	TUR	Ivrindi;Balikesir	-
3183	ICRISAT	ICC 10737	PIC	-	CRIC-34907	TUR	Enez;Edirne	-
3184	ICRISAT	ICC 10738	PIC	-	CRIC-34908	TUR	Enez;Edirne	-
3185	ICRISAT	ICC 10739	PIC	-	CRIC-34909	TUR	Siverik;Urfa	-
3186	ICRISAT	ICC 10740	PIC	-	CRIC-34910	TUR	Mudanya;Bursa	-
3187	ICRISAT	ICC 10741	PIC	-	CRIC-34911	TUR	Enez;Edirne	-
3188	ICRISAT	ICC 10742	PIC	-	CRIC-34912	TUR	Elbistan;Maras	-
3189	ICRISAT	ICC 10743	PIC	-	CRIC-34913	TUR	Ayvalik;Balikesir	-
3190	ICRISAT	ICC 10744	PIC	-	CRIC-34914	TUR	Bandirama;Balikesir	-
3191	ICRISAT	ICC 10745	PIC	-	CRIC-34915	TUR	Amasya	-
3192	ICRISAT	ICC 10746	PIC	-	CRIC-34917	TUR	Yenisehir;Bursa	-
3193	ICRISAT	ICC 10747	PIC	-	CRIC-34918	TUR	Yenicekoy;Edirne	-
3194	ICRISAT	ICC 10748	PIC	-	CRIC-34919	TUR	Mudanya;Bursa	-
3195	ICRISAT	ICC 10749	PIC	-	CRIC-34920	TUR	Ermenek;Konya	-
3196	ICRISAT	ICC 10750	PIC	-	CRIC-34921	TUR	Enez;Edirne	-
3197	ICRISAT	ICC 10751	PIC	-	CRIC-34923	TUR	Menemen;Izmir	-
3198	ICRISAT	ICC 10753	PIC	-	CRIC-35104	TUR	Sabanozu;Cankiri	-
3199	ICRISAT	ICC 10755	PIC	-	CRIC-35168	TUR	Urgup;Nevsehir	-
3200	ICRISAT	ICC 10756	PIC	-	CRIC-35200	TUR	Savur;Mardin	-



ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
3201	ICRISAT	ICC 10758	PIC	-	CRIC-35282	TUR Kiziltepe;Mardin	-
3202	ICRISAT	ICC 10760	PIC	-	CRIC-35362	TUR Elmale;Antalya	-
3203	ICRISAT	ICC 10761	PIC	-	CRIC-35380	TUR Korkuteli;Antalya	-
3204	ICRISAT	ICC 10762	PIC	-	CRIC-35464	TUR Golhisar;Burdur	-
3205	ICRISAT	ICC 10763	PIC	-	CRIC-35468	TUR Acipayam;Denizli	-
3206	ICRISAT	ICC 10764	PIC	-	CRIC-35471	TUR Sandikle;Afyon	-
3207	ICRISAT	ICC 10765	PIC	-	CRIC-35475	TUR Yalvac;Isparta	-
3208	ICRISAT	ICC 10766	PIC	-	CRIC-35492	TUR Burdur	-
3209	ICRISAT	ICC 10767	PIC	-	CRIC-35501	TUR Burdur	-
3210	ICRISAT	ICC 10769	PIC	-	CRIC-37092	TUR Sangurlu;Corum	-
3211	ICRISAT	ICC 10770	PIC	-	CRIC-37097	TUR Corum	-
3212	ICRISAT	ICC 10772	PIC	-	CRIC-37186	TUR Tepekoy;Si.op	-
3213	ICRISAT	ICC 10773	PIC	-	CRIC-37208	TUR Inebolu;Kastamonu	-
3214	ICRISAT	ICC 10774	PIC	-	CRIC-37244	TUR Inebolu;Kastamonu	-
3215	ICRISAT	ICC 10775	PIC	-	CRIC-37386	TUR Iskilip;Corum	-
3216	ICRISAT	ICC 10776	PIC	-	CRIC-37408	TUR Iskilip;Corum	-
3217	ICRISAT	ICC 10777	PIC	-	CRIC-37415	TUR Urla;Izmir	-
3218	ICRISAT	ICC 10778	PIC	-	CRIC-37418	TUR Urla;Izmir	-
3219	ICRISAT	ICC 10779	PIC	-	CRIC-37429	TUR Karaburun;Izmir	-
3220	ICRISAT	ICC 10780	PIC	-	CRIC-37502	TUR Kahta;Adiyaman	-
3221	ICRISAT	ICC 10781	PIC	-	CRIC-37519	TUR Siirt	-
3222	ICRISAT	ICC 10782	PIC	-	CRIC-37525	TUR Siirt	-
3223	ICRISAT	ICC 10783	PIC	-	CRIC-37527	TUR Erhu;Siirt	-
3224	ICRISAT	ICC 10787	PIC	-	CRIC-38005	TUR Ortakoy;Corum	-
3225	ICRISAT	ICC 10790	PIC	-	CF.IC-36138	TUR Yenici;Canakkale	-
3226	ICRISAT	ICC 10791	PIC	-	CRIC-38154	TUR Can;Canakkale	-
3227	ICRISAT	ICC 10793	ALAD	-	-	IND -	-
3228	ICRISAT	ICC 10843	ICRISAT	LJGM	JM-2551	AFG Herat	-
3229	ICRISAT	ICC 10845	ICRISAT	LJGM	JM-2552	AFG Herat	-
3230	ICRISAT	ICC 10846	ICRISAT	LJGM	JM-2555	AFG Qara Bagh Gulran;Herat	-
3231	ICRISAT	ICC 10847	ICRISAT	LJGM	JM-2556	AFG Qara Bagh Gulran;Herat	-
3232	ICRISAT	ICC 10848	ICRISAT	LJGM	JM-2557	AFG Qara Bagh Gulran;Herat	-
3233	ICRISAT	ICC 10849	ICRISAT	LJGM	JM-2558	AFG Zamonchon;Herat	-
3234	ICRISAT	ICC 10850	ICRISAT	LJGM	JM 2560	AFG -	-
3235	ICRISAT	ICC 10851	ICRISAT	LJGM	JM 2561	AFG Obey Bazar;Herat	-
3236	ICRISAT	ICC 10852	ICRISAT	LJGM	JM 2563	AFG Chist-E-Sharif;Herat	-
3237	ICRISAT	ICC 10861	ICRISAT	LJGM	JM-2571	AFG Barachona;Ghor	-
3238	ICRISAT	ICC 10863	ICRISAT	LJGM	JM-2572	AFG Chakhcharan Bazar;Ghor	-
3239	ICRISAT	ICC 10865	ICRISAT	LJGM	JM-2573	AFG Hafra;Ghor	-
3240	ICRISAT	ICC 10867	ICRISAT	LJGM	JM-2574	AFG Chakhcharan;Ghor	-

ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
3241	ICRISAT ICC 10870	ICRISAT	LJGM	JM-2575	AFG Karcho-Kerchestan;Ghor	-
3242	ICRISAT ICC 10872	ICRISAT	LJGM	JM-2579-1	AFG Guldara Ghalmin;Ghor	-
3243	ICRISAT ICC 10876	-	-	CPI 56294	SUN -	-
3244	ICRISAT ICC 10881	-	-	K 1190	SUN -	-
3245	ICRISAT ICC 10885	-	-	P 10654	ETH -	-
3246	ICRISAT ICC 10889	-	-	P 10663	IRN -	-
3247	ICRISAT ICC 10908	FAAU	-	Regd.NO.184-1	TUR -	-
3248	ICRISAT ICC 11142	IARI	-	P 9847	IND Delhi	-
3249	ICRISAT ICC 11154	ICRISAT	SS	SITM-3	IND Parbhani;Maharashtra	-
3250	ICRISAT ICC 11173	ICRISAT	SS	SITM-22	IND Jeswanpur Kaira;Gujrat	-
3251	ICRISAT ICC 8832	ALAD	-	750 C	AFG Chalhab;Takhar	-
3252	ICRISAT -	-	-	7347-6-4-B-BH	- -	-
3253	ICRISAT -	-	-	7358-8-2-B-BH	- -	-
3254	ICRISAT -	-	-	7385-17-2-B-BH	- -	-
3255	ICRISAT -	-	-	7357-12-3-B-BH	- -	-
3256	-	-	-	Cyprus Local	CYP -	-
3257	ICRISAT ICC 8893	ALAD	-	839 C	AFG Faizabad;Badakhshan	-
3258	ICRISAT ICC 10768	PIC	-	CRIC-37057	TUR Sungurlu;Corum	-
3259	ICRISAT ICC 2942	MAI	-	1514-1547	IRN -	-
3260	ICRISAT ICC 8649	ALAD	-	44 C	AFG Haiderchala;Kabul	-
3261	ICRISAT ICC 2424	-	-	P 2199	IRN -	-
3262	ICRISAT ICC 2582	MAI	-	P 2586-1	IRN -	-
3263	ICRISAT ICC 8756	ALAD	-	501 C	AFG N.E.Badighis	-
3264	ICRISAT ICC 8865	ALAD	-	789 C	AFG Kalafgan;Badakhshan	-
3265	ICRISAT ICC 8484	-	-	JM-517	ESP -	-
3266	ICRISAT ICC 8751	ALAD	-	486 C	AFG Herat	-
3267	ICRISAT ICC 10754	PIC	-	CRIC-35142	TUR Zile;Tokat	-
3268	ICRISAT ICC 2592	MAI	-	P 2601-1	IRN -	-
3269	ICRISAT ICC 4896	-	-	P 9755	TUR -	-
3270	ICRISAT ICC 10689	PIC	-	CRIC-34853	TUR Aglasun;Burdur	-
3271	-	-	-	-	SUN -	-
3272	-	-	-	-	SUN -	-
3273	-	-	-	-	SUN -	-
3274	-	-	-	-	SUN -	-
3275	-	-	-	-	SUN -	-
3276	-	-	-	-	SUN -	-
3277	AGRICOL 111 ESFAHAN	AGRICOL	-	12-071-10017	IRN -	-
3278	-	-	-	-	TUR Antalya	-
3279	-	STEPNOJ 1	-	Krasvadar Territory 1335	SUN Krasvadar	-
3280	-	-	AGRICOL	NEC-K 266 (12-069-00564)	IND Delhi	-

I/LC DOOR	DOBO	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
3281 -	-	-	-	SYR -	-
3282 -	-	-	NEC-K 1241	GRC -	-
3283 -	-	-	M 10544	- -	-
3284 -	-	-	SAD 509	TUR -	-
3285 -	-	-	Ankara Local	PAK -	-
			Punjab 1		
3286 -	-	-	-	PAK -	-
3287 -	-	-	NO.6540	PAK -	-
3288 -	-	-	EC 1455	PAK -	-
3289 -	-	-	S 42	PAK -	-
3290 -	-	-	VAL 17	PAK -	-
			E 280	PAK -	-
3291 -	-	-	-		
3292 -	-	-	NO. 1	SYR Kerzehel-Afrin;Aleppo	-
3293 -	-	-	NO. 2	SYR Kerzehel-Afrin;Aleppo	-
3294 -	-	-	NO. 3	SYR Ibian-Afrin;Aleppo	-
3295 -	-	-	NO. 4	SYR Ibian-Afrin;Aleppo	-
			NO. 5	SYR Jalber-Afrin;Aleppo	-
3296 -	-	-	-		
3297 -	-	-	NO. 6	SYR Jalber-Afrin;Aleppo	-
3298 -	-	-	NO. 7	SYR Midankey-Afrin;Aleppo	-
3299 -	-	-	NO. 8	SYR Medankey-Afrin;Aleppo	-
3300 -	-	-	NO. 9	SYR Mabatly-Afrin;Aleppo	-
			NO. 10	SYR Mabatly-Afrin;Aleppo	-
3301 -	-	-	-		
3302 -	-	-	NO. 11	SYR Aljeh-Azaz;Aleppo	-
3303 -	-	-	NO. 12	SYR Boustans-Afrin;Aleppo	-
3304 -	-	-	NO. 13	SYR Jenderis-Afrin;Aleppo	-
3305 -	-	-	NO. 16	SYR Bablet-Afrin;Aleppo	-
			NO. 17	SYR Tellef-Afrin;Aleppo	-
3306 -	-	-	-		
3307 -	-	-	NO. 19	SYR Tel Raafat-Azaz;Aleppo	-
3308 -	-	-	NO. 20	SYR Tel Raafat-Azaz;Aleppo	-
3309 -	-	-	NO. 21	SYR Shamarek-Azaz;Aleppo	-
3310 -	-	-	NO. 23	SYR Maryamin-Azaz;Aleppo	-
			NO. 24	SYR Deir Jemail-Azaz;Aleppo	-
3311 -	-	-	-		
3312 -	-	-	NO. 25	SYR Deir Jemail-Azaz;Aleppo	-
3313 -	-	-	NO. 26	SYR Deir Jemail-Azaz;Aleppo	-
3314 -	-	-	NO. 27	SYR Mehenel-Breda;Aleppo	-
3315 -	-	-	NO. 29	SYR Salamin-Ariha;Idlib	-
			NO. 30	SYR Creh-Ariha;Idlib	-
3316 -	-	-	-		
3317 -	-	-	NO. 31	SYR Irizkably-Ariha;Aleppo	-
3318 -	-	-	NO. 32	SYR Kinimus;Idlib	-
3319 -	-	-	NO. 33	SYR Aplis;Idlib	-
3320 -	-	-	NO. 34	SYR Ein Soulam-Al Jisir;Idlib	-
			NO. 37	SYR Ein Soulam-Al Jisir;Idlib	-

ILC DOOR	DONO	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
3321 -	-	-	NO. 38	SYR Chaumick-Al Jisir;Idlib	-
3322 -	-	-	NO. 39	SYR Chaumick-Al Jisir;Idlib	-
3323 -	-	-	NO. 40	SYR Treandeh-Afrin;Aleppo	-
3324 -	-	-	S 1	SYR Al Salim-Ariha;Idlib	-
3325 -	-	-	S 2	SYR Frrikeh-Ariha;Idlib	-
3326 -	-	-	Local	MEX -	-
3327 -	-	-	ICCL 78159	IND -	-
3328 -	-	-	ICCL 78160	IND -	-
3329 -	-	-	ICCL 78164	IND -	-
3330 -	-	-	ICCL 78166	IND -	-
3331 -	-	-	ICCL 78173	IND -	-
3332 -	-	-	ICCL 78174	IND -	-
3333 -	-	-	ICCL 78175	IND -	-
3334 IARI	-	-	ICP 68	JOR -	-
3335 -	-	-	-	-	-
3336 -	-	-	NEC-K 761(12-071-03666)	IRN -	-
3337 -	-	-	NEC-K 867(12-071-03852)	IRN -	-
3338 -	-	-	NEC-K 872(12-071-03855)	IRN -	-
3339 -	-	-	NEC-K 897(12-071-03883)	IRN -	-
3340 DAS	-	-	NEC-K 1252	IND -	-
3341 -	-	-	NEC-K 1258	TUR -	-
3342 -	-	-	-	AFG -	-
3343 -	-	-	839 C	AFG -	-
3344 -	-	-	Kurosh(Recc.Variety)	IRN -	-
3345 -	-	-	-	SYR Aleppo	Local market coll
3346 -	-	-	-	SUN -	-
3347 -	-	-	No. 12620	AFG -	-
3348 -	-	-	12-074-06627	IRN -	-
3349 -	-	-	12-071-05466(18 AGRICOL)	IRN -	-
3350 -	-	-	12-071-04010	IRN -	-
3351 -	-	-	839 C	AFG -	-
3352 -	-	-	1163	CHL -	-
3353 -	-	-	NA-20	PAL -	-
3354 -	-	-	NA-90	PAL -	-
3355 -	-	-	19/1-5	TUR -	-
3356 -	-	-	CA 28	ESP -	-
3357 -	-	-	CA 30	ESP -	-
3358 -	-	-	CA 31	ESP -	-
3359 -	-	-	CA 32	ESP -	-
3360 -	-	-	CA 37	ESP -	-

ILC DOOR	DOBNO	CLOR	COLL CLMO/PED	ORI PRO/TOWN	LOC/REM
3361 -	-	-	CA 39	ESP -	-
3362 -	-	-	CA 40	ESP -	-
3363 -	-	-	CA 41	ESP -	-
3364 -	-	-	CA 42	ESP -	-
3365 -	-	-	CA 43	ESP -	-
3366 -	-	-	CA 48	ESP -	-
3367 -	-	-	CA 50	ESP -	-
3368 -	-	-	CA 51	ESP -	-
3369 -	-	-	CA 53	ESP -	-
3370 -	-	-	CA 54	ESP -	-
3371 -	-	-	CA 59	ESP -	-
3372 -	-	-	CA 72	ESP -	-
3373 -	-	-	CA 73	ESP -	-
3374 -	-	-	CA 75	ESP -	-
3375 -	-	-	CA 77	ESP -	-
3376 -	-	-	CA 78	ESP -	-
3377 -	-	-	CA 85	ESP -	-
3378 -	-	-	CA 86	ESP -	-
3379 -	-	-	CA 93	ESP -	-
3380 -	-	-	CA 94	ESP -	-
3381 -	-	-	CA 111	ESP -	-
3382 -	-	-	CA 121	ESP -	-
3383 -	-	-	CA 128	ESP -	-
3384 -	-	-	CA 129	ESP -	-
3385 -	-	-	CA 131	ESP -	-
3386 -	-	-	CA 138	ESP -	-
3387 -	-	-	12-071-07018	IRN -	-
3388 -	-	-	751 L	-	-
3389 -	-	-	-	AFG -	-
3390 -	ICC 7664	-	-	-	-
3391 -	ICC 10324	-	Nohut 3 Regd No.20	TUR -	-
3392 -	ICC 10332	-	Nohut Regd No.46	TUR -	-
3393 -	ICC 10720	-	CRIC 34888	TUR -	-
3394 -	-	-	NO.25	SYR -	-
3395 -	-	-	Boyover	MEX -	-
3396 -	-	-	Nobokhwa	MEX -	-
3397 -	-	-	Koliakan	MEX -	-
3398 -	-	-	Register 466	ESP -	-
3399 -	-	-	Fouie (Local)	SYR -	-
3400 -	-	-	-	SYR -	-

ILC DOOR	DOMO	CLOR	COLL	CLWO/PED	ORI PRO/TOWN	LOC/REN
3401 -	-	-	-	Antella	ITA Scandicci-Firenze	-
3402 -	-	-	-	Cagnano	ITA Scandicci-Firenze	-
3403 -	-	-	-	Grossi D'Abrozso	ITA Scandicci-Firenze	-
3404 -	-	-	-	Altamura	ITA Scandicci-Firenze	-
3405 -	-	-	-	Malocu	ITA Scandicci-Firenze	-
3406 -	-	-	-	Pian Di Sco	ITA Scandicci-Firenze	-
3407 -	-	-	-	Leccese	ITA Scandicci-Firenze	-
3408 -	-	-	-	CA 1	ESP -	-
3409 -	-	-	-	CA 2	ESP -	-
3410 -	-	-	-	CA 3	ESP -	-
3411 -	-	-	-	CA 4	ESP -	-
3412 -	-	-	-	CA 5	ESP -	-
3413 -	-	-	-	CA 6	ESP -	-
3414 -	-	-	-	CA 7	ESP -	-
3415 -	-	-	-	CA 8	ESP -	-
3416 -	-	-	-	CA 9	ESP -	-
3417 -	-	-	-	CA 10	ESP -	-
3418 -	-	-	-	CA 11	ESP -	-
3419 -	-	-	-	CA 12	ESP -	-
3420 -	-	-	-	CA 13	ESP -	-
3421 -	-	-	-	CA 14	ESP -	-
3422 -	-	-	-	CA 15	ESP -	-
3423 -	-	-	-	CA 16	ESP -	-
3424 -	-	-	-	CA 17	ESP -	-
3425 -	-	-	-	CA 18	ESP -	-
3426 -	-	-	-	CA 19	ESP -	-
3427 -	-	-	-	CA 20	ESP -	-
3428 -	-	-	-	CA 21	ESP -	-
3429 -	-	-	-	CA 22	ESP -	-
3430 -	-	-	-	CA 23	ESP -	-
3431 -	-	-	-	CA 24	ESP -	-
3432 -	-	-	-	CA 25	ESP -	-
3433 -	-	-	-	CA 26	ESP -	-
3434 -	-	-	-	CA 27	ESP -	-
3435 -	-	-	-	CA 29	ESP -	-
3436 -	-	-	-	CA 33	ESP -	-
3437 -	-	-	-	CA 34	ESP -	-
3438 -	-	-	-	CA 35	ESP -	-
3439 -	-	-	-	CA 36	ESP -	-
3440 -	-	-	-	CA 38	ESP -	-

ILC DOOR	DONO	CLOR	COLL CLNO/PED	ORI PRO/TOWN	LOC/REM
3441 -	-	-	- CA 44	ESP -	-
3442 -	-	-	- CA 45	ESP -	-
3443 -	-	-	- CA 46	ESP -	-
3444 -	-	-	- CA 47	ESP -	-
3445 -	-	-	- CA 49	ESP -	-
3446 -	-	-	- CA 52	ESP -	-
3447 -	-	-	- CA 54	ESP -	-
3448 -	-	-	- CA 55	ESP -	-
3449 -	-	-	- CA 56	ESP -	-
3450 -	-	-	- CA 57	ESP -	-
3451 -	-	-	- CA 58	ESP -	-
3452 -	-	-	- CA 60	ESP -	-
3453 -	-	-	- CA 61	ESP -	-
3454 -	-	-	- CA 62	ESP -	-
3455 -	-	-	- CA 63	ESP -	-
3456 -	-	-	- CA 64	ESP -	-
3457 -	-	-	- CA 65	ESP -	-
3458 -	-	-	- CA 66	ESP -	-
3459 -	-	-	- CA 67	ESP -	-
3460 -	-	-	- CA 68	ESP -	-
3461 -	-	-	- CA 69	ESP -	-
3462 -	-	-	- CA 70	ESP -	-
3463 -	-	-	- CA 71	ESP -	-
3464 -	-	-	- CA 74	ESP -	-
3465 -	-	-	- CA 76	ESP -	-
3466 -	-	-	- CA 79	ESP -	-
3467 -	-	-	- CA 80	ESP -	-
3468 -	-	-	- CA 81	ESP -	-
3469 -	-	-	- CA 82	ESP -	-
3470 -	-	-	- CA 83	ESP -	-
3471 -	-	-	- CA 84	ESP -	-
3472 -	-	-	- CA 87	ESP -	-
3473 -	-	-	- CA 88	ESP -	-
3474 -	-	-	- CA 89	ESP -	-
3475 -	-	-	- CA 90	ESP -	-
3476 -	-	-	- CA 91	ESP -	-
3477 -	-	-	- CA 92	ESP -	-
3478 -	-	-	- CA 95	ESP -	-
3479 -	-	-	- CA 96	ESP -	-
3480 -	-	-	- CA 97	ESP -	-

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ILC DOOR	DORO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
3481	-	-	-	CA 98	ESP -	-
3482	-	-	-	CA 99	ESP -	-
3483	-	-	-	CA 100	ESP -	-
3484	-	-	-	CA 101	ESP -	-
3485	-	-	-	CA 102	ESP -	-
3486	-	-	-	CA 103	ESP -	-
3487	-	-	-	CA 104	ESP -	-
3488	-	-	-	CA 105	ESP -	-
3489	-	-	-	CA 107	ESP -	-
3490	-	-	-	CA 108	ESP -	-
3491	-	-	-	CA 109	ESP -	-
3492	-	-	-	CA 110	ESP -	-
3493	-	-	-	CA 112	ESP -	-
3494	-	-	-	CA 113	ESP -	-
3495	-	-	-	CA 114	ESP -	-
3496	-	-	-	CA 115	ESP -	-
3497	-	-	-	CA 116	ESP -	-
3498	-	-	-	CA 117	ESP -	-
3499	-	-	-	CA 119	ESP -	-
3500	-	-	-	CA 120	ESP -	-
3501	-	-	-	CA 122	ESP -	-
3502	-	-	-	CA 123	ESP -	-
3503	-	-	-	CA 124	ESP -	-
3504	-	-	-	CA 125	ESP -	-
3505	-	-	-	CA 126	ESP -	-
3506	-	-	-	CA 127	ESP -	-
3507	-	-	-	CA 130	ESP -	-
3508	-	-	-	CA 132	ESP -	-
3509	-	-	-	CA 133	ESP -	-
3510	-	-	-	CA 134	ESP -	-
3511	-	-	-	CA 135	ESP -	-
3512	-	-	-	CA 137	ESP -	-
3513	-	-	-	CA 139	ESP -	-
3514	-	-	-	CA 140	ESP -	-
3515	-	-	-	CA 141	ESP -	-
3516	-	-	-	CA 142	ESP -	-
3517	-	-	-	CA 143	ESP -	-
3518	-	-	-	CA 144	ESP -	-
3519	-	-	-	CA 145	ESP -	-
3520	-	-	-	CA 147	ESP -	-



ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWH	LOC/REM
3521	-	-	-	CA 148	ESP -	-
3522	-	-	-	CA 149	ESP -	-
3523	-	-	-	CA 150	ESP -	-
3524	-	-	-	CA 151	ESP -	-
3525	-	-	-	CA 152	ESP -	-
3526	-	-	-	CA 153	ESP -	-
3527	-	-	-	CA 154	ESP -	-
3528	-	-	-	CA 155	ESP -	-
3529	-	-	-	CA 156	ESP -	-
3530	-	-	-	CA 157	ESP -	-
3531	-	-	-	PCH 20	MAR -	-
3532	-	-	-	PCH 25	MAR -	-
3533	-	-	-	PCH 30	MAR -	-
3534	-	-	-	PCH 31	MAR -	-
3535	-	-	-	PCH 49	MAR -	-
3536	-	-	-	Pch-CAM 1610	USA -	-
3537	ICRISAT	-	-	ICCL 80002	IND -	-
3538	ICRISAT	-	-	ICCL 80004	IND -	-
3539	ICRISAT	ICC 958	IARI	P-758-1	IND Punjab	-
3540	ICRISAT	ICC 2523	RPIP	P-2417	IRN -	-
3541	ICRISAT	ICC 2845	-	P-3140	IRN Kermanshah	-
3542	ICRISAT	ICC 2855	-	P-3158	IRN -	-
3543	ICRISAT	ICC 3158	-	P-3688	IRN Shahpour	-
3544	ICRISAT	ICC 3194	-	P-3745	IRN Shahpour	-
3545	ICRISAT	ICC 3856	-	P-4508	IRN -	-
3546	ICRISAT	ICC 4855	RPIP	P-9624(Mexican Sel.-4)	USA -	-
3547	ICRISAT	ICC 4912	RPIP	P-9887(M6802)	GRC -	-
3548	ICRISAT	ICC 7357	RAI	1994	IND -	-
3549	ICRISAT	ICC 7596	IARI	P-9724(GS-1900)	ITA -	-
3550	ICRISAT	ICC 7617	IARI	P-9756(Var 35/1-4)	MEX -	-
3551	ICRISAT	ICC 7725	ALAD	-	AFG -	-
3552	ICRISAT	ICC 7793	ALAD	P-2388	IRN -	-
3553	ICRISAT	ICC 8288	-	K-1071	IND U.P	-
3554	ICRISAT	ICC 8361	BADN	Jabalpur	IND M.P	-
3555	ICRISAT	ICC 8475	-	LJGM JM-504	ITA -	-
3556	ICRISAT	ICC 8484	-	LJGM JM-517	ESP -	-
3557	ICRISAT	ICC 8893	ALAD	839C	AFG Badakhshan	-
3558	ICRISAT	ICC 10001	-	RPSP RPSP-90	IND Orissa	-
3559	ICRISAT	ICC 10342	FAAU	REG.NO.60 Romanya Nohut 22/3-43	TUR -	-
3560	ICRISAT	ICC 10343	FAAU	REG.NO.61 Romanya Nohut 22/3-44	TUR -	-

ILC	DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
3561	ICRISAT	ICC 10367	FAAU	-	REG.NO.208 Beyaz Nohut	TUR	-	-
3562	ICRISAT	ICC 10674	IZM	-	CRIC-33056	TUR	Tokat	-
3563	ICRISAT	ICC 10678	IZM	-	CRIC-33358	TUR	Tekirdag	-
3564	ICRISAT	ICC 10691	IZM	-	CRIC-34855 Saricakaya	TUR	Eskisehir	-
3565	ICRISAT	ICC 10696	IZM	-	CRIC-34862 Ivrindi	TUR	Balikesir	-
3566	ICRISAT	ICC 10697	IZM	-	CRIC-34863 Tavsanli	TUR	Kutahya	-
3567	ICRISAT	ICC 10698	IZM	-	CRIC-34864	TUR	Zonguldak	-
3568	ICRISAT	ICC 10703	IZM	-	CRIC-34869 Mersin	TUR	Icel	-
3569	ICRISAT	ICC 10704	IZM	-	CRIC-34870 Saricakaya	TUR	Eskisehir	-
3570	ICRISAT	ICC 10705	IZM	-	CRIC-34871 Mustafa Kemal Pasa	TUR	Bursa	-
3571	ICRISAT	ICC 10706	IZM	-	CRIC-34872 Derinkoyii	TUR	Nevsehir	-
3572	ICRISAT	ICC 10707	IZM	-	CRIC-34873 Mustafa Kemal Pasa	TUR	Bursa	-
3573	ICRISAT	ICC 10708	IZM	-	CRIC-34874 Suhut	TUR	Afyon	-
3574	ICRISAT	ICC 10726	IZM	-	CRIC-34895 Sultandagi	TUR	Afyon	-
3575	ICRISAT	ICC 11195	-	LJR	LJR-153 Manasa Mandasor	IND	M.P	-
3576	ICRISAT	ICC 11220	ALAD	-	(ICC 9279)	IRN	-	-
3577	ICRISAT	ICC 11221	IZM	-	35200-1 (ICC 10756)	TUR	-	-
3578	ICRISAT	ICC 11229	-	-	JM-2767 Khezal-Tub-Chok	AFG	Samangan	-
3579	ICRISAT	ICC 11230	-	LJGM	JM-2768 Mau-Meri	AFG	Samangan	-
3580	ICRISAT	ICC 11233	-	LJGM	JM-2770	AFG	Samangan	Daraesuf valley m
3581	ICRISAT	ICC 11234	-	LJGM	JM-2771	AFG	Ao-Kupruk; Balkh	Market sample
3582	ICRISAT	ICC 11237	-	LJGM	JM-2772	AFG	Ao-Kupruk; Balkh	Market sample
3583	ICRISAT	ICC 11240	-	LJGM	JM-2773	AFG	Ao-Kupruk; Balkh	Market sample
3584	ICRISAT	ICC 11241	-	LJGM	JM-2775	AFG	Jozjan	Sare-Pul market
3585	ICRISAT	ICC 11245	-	LJGM	JM-2776	AFG	Jozjan	Sare-Pul market
3586	ICRISAT	ICC 11249	-	LJGM	JM-2777	AFG	Jozjan	Sare-Pul market
3587	ICRISAT	ICC 11253	-	LJGM	JM-3161	PAK	Punjab	Jhang market
3588	ICRISAT	ICC 11269	GAT	-	B-260/76	CSK	-	-
3589	ICRISAT	ICC 11281	IPI	-	WIR-583	SUN	Azerbijans/PUNJAB/Punjab/359	-
3590	ICRISAT	ICC 11282	IPI	-	WIR-1182	SUN	-	-
3591	ICRISAT	ICC 11290	-	-	#1	USA	-	-
3592	ICRISAT	ICC 11400	-	PR	PR-4412	IND	Diara Una H.P	-
3593	ICRISAT	ICC 11409	-	PR	PR-4421	IND	Katera Una H.P	-
3594	ICRISAT	ICC 11553	IARI	-	P-10177 (KAUI 1980 Y-1-PMG)	EGY	-	-
3595	ICRISAT	ICC 11587	-	RPSP	RPSP-549	IND	Punjab	-
3596	ICRISAT	ICC 11596	-	RPSP	RPSP-558	IND	Punjab	-
3597	ICRISAT	ICC 11600	-	RPSP	RPSP-562	IND	Punjab	-
3598	ICRISAT	ICC 11614	-	RPSP	RPSP-576	IND	Punjab	-
3599	ICRISAT	ICC 11640	-	RPSP	RPSP-609	IND	Punjab	-
3600	ICRISAT	ICC 11657	-	RPSP	RPSP-626	IND	Punjab	-

ILC	DOOR	DOÑO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWNS	LOC/REM
3601	ICRISAT	ICC 11704	-	RPSP	RPSP-673	IND	Punjab	-
3602	ICRISAT	ICC 11708	-	RPSP	RPSP-677	IND	Punjab	-
3603	ICRISAT	ICC 11720	-	RPSP	RPSP-692	IND	Punjab	-
3604	ICRISAT	ICC 11724	-	-	RPSP-696	IND	Parsali Una H.P	-
3605	ICRISAT	ICC 11729	INIA	-	INIA-1	CHL	Elmanzano Ouilimari; Choapa	-
3606	ICRISAT	ICC 11730	INIA	-	INIA-3	CHL	Ouebradilla Laligua; Laligua	-
3607	ICRISAT	ICC 11731	INIA	-	INIA-8	CHL	San Antonio Puchuncavi	-
3608	ICRISAT	ICC 11732	INIA	-	INIA-9	CHL	Puchuncavi	-
3609	ICRISAT	ICC 11733	INIA	-	INIA-11	CHL	San Antonio Puchuncavi	-
3610	ICRISAT	ICC 11734	INIA	-	INIA-12	CHL	Cachopoal	-
3611	ICRISAT	ICC 11735	INIA	-	INIA-13	CHL	Cachopoal	-
3612	ICRISAT	ICC 11736	INIA	-	INIA-14	CHL	Cachopoal	-
3613	ICRISAT	ICC 11737	INIA	-	INIA-15	CHL	Cachopoal	-
3614	ICRISAT	ICC 11738	INIA	-	INIA-16	CHL	Cachopoal	-
3615	ICRISAT	ICC 11739	INIA	-	INIA-17	CHL	Cachopoal	-
3616	ICRISAT	ICC 11740	INIA	-	INIA-18	CHL	Colchagua	-
3617	ICRISAT	ICC 11741	INIA	-	INIA-19	CHL	Colchagua	-
3618	ICRISAT	ICC 11742	INIA	-	INIA-20	CHL	Colchagua	-
3619	ICRISAT	ICC 11743	INIA	-	INIA-21	CHL	Colchagua	-
3620	ICRISAT	ICC 11744	INIA	-	INIA-23	CHL	Colchagua	-
3621	ICRISAT	ICC 11746	INIA	-	INIA-25	CHL	Colchagua	-
3622	ICRISAT	ICC 11747	INIA	-	INIA-26	CHL	Colchagua	-
3623	ICRISAT	ICC 11748	INIA	-	INIA-28	CHL	Colchagua	-
3624	ICRISAT	ICC 11749	INIA	-	INIA-29	CHL	Colchagua	-
3625	ICRISAT	ICC 11750	INIA	-	INIA-30	CHL	Colchagua	-
3626	ICRISAT	ICC 11752	INIA	-	INIA-32	CHL	Colchagua	-
3627	ICRISAT	ICC 11753	INIA	-	INIA-33	CHL	Colchagua	-
3628	ICRISAT	ICC 11754	INIA	-	INIA-34	CHL	Colchagua	-
3629	ICRISAT	ICC 11755	INIA	-	INIA-35	CHL	Colchagua	-
3630	ICRISAT	ICC 11756	INIA	-	INIA-36	CHL	Colchagua	-
3631	ICRISAT	ICC 11757	INIA	-	INIA-37	CHL	Colchagua	-
3632	ICRISAT	ICC 11758	INIA	-	INIA-38	CHL	Colchagua	-
3633	ICRISAT	ICC 11759	INIA	-	INIA-39	CHL	Colchagua	-
3634	ICRISAT	ICC 11760	INIA	-	INIA-41	CHL	Colchagua	-
3635	ICRISAT	ICC 11761	INIA	-	INIA-42	CHL	Colchagua	-
3636	ICRISAT	ICC 11764	INIA	-	INIA-45	CHL	Colchagua	-
3637	ICRISAT	ICC 11765	INIA	-	INIA-46	CHL	Colchagua	-
3638	ICRISAT	ICC 11766	INIA	-	INIA-47	CHL	San Antonio	-
3639	ICRISAT	ICC 11767	INIA	-	INIA-48	CHL	San Antonio	-
3640	ICRISAT	ICC 11768	INIA	-	INIA-49	CHL	San Antonio	-

ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
3641	ICRISAT ICC 11769	INIA	-	INIA-50	CHL San Antonio	-
3642	ICRISAT ICC 11770	INIA	-	INIA-51	CHL San Antonio	-
3643	ICRISAT ICC 11771	INIA	-	INIA-52	CHL San Antonio	-
3644	ICRISAT ICC 11772	INIA	-	INIA-53	CHL San Antonio	-
3645	ICRISAT ICC 11773	INIA	-	INIA-54	CHL Colchagua	-
3646	ICRISAT ICC 11775	INIA	-	INIA-56	CHL Colchagua	-
3647	ICRISAT ICC 11776	INIA	-	INIA-57	CHL Colchagua	-
3648	ICRISAT ICC 11777	INIA	-	INIA-58	CHL Colchagua	-
3649	ICRISAT ICC 11778	INIA	-	INIA-59	CHL Colchagua	-
3650	ICRISAT ICC 11780	INIA	-	INIA-61	CHL Colchagua	-
3651	ICRISAT ICC 11781	INIA	-	INIA-62	CHL Colchagua	-
3652	ICRISAT ICC 11782	INIA	-	INIA-63	CHL Colchagua	-
3653	ICRISAT ICC 11783	INIA	-	INIA-64	CHL Colchagua	-
3654	ICRISAT ICC 11784	INIA	-	INIA-65	CHL Colchagua	-
3655	ICRISAT ICC 11786	INIA	-	INIA-67	CHL Colchagua	-
3656	ICRISAT ICC 11788	INIA	-	INIA-70	CHL Colchagua	-
3657	ICRISAT ICC 11789	INIA	-	INIA-71	CHL Colchagua	-
3658	ICRISAT ICC 11790	INIA	-	INIA-72	CHL Colchagua	-
3659	ICRISAT ICC 11791	INIA	-	INIA-73	CHL Colchagua	-
3660	ICRISAT ICC 11792	INIA	-	INIA-74	CHL Colchagua	-
3661	ICRISAT ICC 11793	INIA	-	INIA-75	CHL Colchagua	-
3662	ICRISAT ICC 11794	INIA	-	INIA-76	CHL Colchagua	-
3663	ICRISAT ICC 11795	INIA	-	INIA-77	CHL Colchagua	-
3664	ICRISAT ICC 11796	INIA	-	INIA-78	CHL Colchagua	-
3665	ICRISAT ICC 11797	INIA	-	INIA-79	CHL Colchagua	-
3666	ICRISAT ICC 11798	INIA	-	INIA-80	CHL Colchagua	-
3667	ICRISAT ICC 11799	INIA	-	INIA-83	CHL Curico	-
3668	ICRISAT ICC 11802	INIA	-	INIA-87	CHL Curico	-
3669	ICRISAT ICC 11803	INIA	-	INIA-89	CHL Curico	-
3670	ICRISAT ICC 11804	INIA	-	INIA-91	CHL Curico	-
3671	ICRISAT ICC 11805	INIA	-	INIA-92	CHL Curico	-
3672	ICRISAT ICC 11807	INIA	-	INIA-94	CHL Curico	-
3673	ICRISAT ICC 11808	INIA	-	INIA-95	CHL Curico	-
3674	ICRISAT ICC 11809	INIA	-	INIA-96	CHL Curico	-
3675	ICRISAT ICC 11810	INIA	-	INIA-97	CHL Curico	-
3676	ICRISAT ICC 11811	INIA	-	INIA-99	CHL Curico	-
3677	ICRISAT ICC 11812	INIA	-	INIA-100	CHL Curico	-
3678	ICRISAT ICC 11813	INIA	-	INIA-101	CHL Colchagua	-
3679	ICRISAT ICC 11815	INIA	-	INIA-103	CHL Colchagua	-
3680	ICRISAT ICC 11817	INIA	-	INIA-105	CHL Colchagua	-

ILC	DOOR	DOÑO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
3681	ICRISAT	ICC 11818	INIA	-	INIA-106	CHL	Colchagua	-
3682	ICRISAT	ICC 11820	INIA	-	INIA-108	CHL	Colchagua	-
3683	ICRISAT	ICC 11821	INIA	-	INIA-110	CHL	Colchagua	-
3684	ICRISAT	ICC 11823	INIA	-	TAY 02-78	CHL	Nuble	-
3685	ICRISAT	ICC 11824	INIA	-	Yanez 03-78	CHL	Nuble	-
3686	ICRISAT	ICC 11825	INIA	-	TAY 04-78	CHL	Nuble	-
3687	ICRISAT	ICC 11826	INIA	-	Yanez 05-78	CHL	Nuble	-
3688	ICRISAT	ICC 11827	INIA	-	Yanez 06-78	CHL	Nuble	-
3689	ICRISAT	ICC 11828	INIA	-	TAY 08-78	CHL	Nuble	-
3690	ICRISAT	ICC 11829	INIA	-	TAY 09-78	CHL	Nuble	-
3691	ICRISAT	ICC 11830	INIA	-	TAY 10-78	CHL	Nuble	-
3692	ICRISAT	ICC 11832	INIA	-	TAY 12-78	CHL	Nuble	-
3693	ICRISAT	ICC 11833	INIA	-	TAY 13-78	CHL	Nuble	-
3694	ICRISAT	ICC 11834	INIA	-	TAY 14-78	CHL	Nuble	-
3695	ICRISAT	ICC 11836	INIA	-	Yanez 16-78	CHL	Nuble	-
3696	ICRISAT	ICC 11838	INIA	-	TAY 19-78	CHL	Curico	-
3697	ICRISAT	ICC 11839	INIA	-	TAY 20-78	CHL	Curico	-
3698	ICRISAT	ICC 11840	INIA	-	TAY 21-78	CHL	Curico	-
3699	ICRISAT	ICC 11841	INIA	-	TAY 22-78	CHL	Maule	-
3700	ICRISAT	ICC 11842	INIA	-	TAY 23-78	CHL	Curico	-
3701	ICRISAT	ICC 11843	INIA	-	TAY 24-78	CHL	Curico	-
3702	ICRISAT	ICC 11844	INIA	-	TAY 25-78	CHL	Maule	-
3703	ICRISAT	ICC 11845	INIA	-	TAY 26-78	CHL	Maule	-
3704	ICRISAT	ICC 11847	INIA	-	TAY 29-78	CHL	Curico	-
3705	ICRISAT	ICC 11848	INIA	-	Yanez 30-78	CHL	Nuble	-
3706	ICRISAT	ICC 11849	INIA	-	TAY 31-78	CHL	Maule	-
3707	ICRISAT	ICC 11850	INIA	-	TAY 32-78	CHL	Maule	-
3708	ICRISAT	ICC 11851	INIA	-	TAY 33-78	CHL	Nuble	-
3709	ICRISAT	ICC 11852	INIA	-	Yanez 34-78	CHL	Maule	-
3710	ICRISAT	ICC 11853	INIA	-	TAY 35-78	CHL	Nuble	-
3711	ICRISAT	ICC 11854	INIA	-	TAY 36-78	CHL	Nuble	-
3712	ICRISAT	ICC 11856	IZM	-	38015	TUR	-	-
3713	ICRISAT	ICC 12033	CULN	-	F4 Line Triple Cross	MEX	-	-
3714	ICRISAT	ICC 12037	CELA	-	Valle De Santiago-1	MEX	-	-
3715	ICRISAT	ICC 12040	CELA	-	Valle De Santiago-13	MEX	-	-
3716	ICRISAT	ICC 12043	CELA	-	Valle De Santiago-20	MEX	-	-
3717	ICRISAT	ICC 12055	CELA	-	Valle De Santiago-36	MEX	-	-
3718	ICRISAT	ICC 12050	CELA	-	Yuriria-1	MEX	-	-
3719	ICRISAT	ICC 12061	CELA	-	Yuriria-2	MEX	-	-
3720	ICRISAT	ICC 12066	CELA	-	Yuriria-30	MEX	-	-

ILC	DOOR	DOMO	CLOR	COLL	CLBO/PED	ORI	PRO/TOWN	LOC/REM
3721	ICRISAT	ICC 12067	CELA	-	Yuriria-31	MEX	-	-
3722	ICRISAT	ICC 12068	CELA	-	Yuriria-32	MEX	-	-
3723	ICRISAT	ICC 12069	CELA	-	Yuriria-34	MEX	-	-
3724	ICRISAT	ICC 12071	CELA	-	Yuriria-38	MEX	-	-
3725	ICRISAT	ICC 12072	CELA	-	Yuriria-41	MEX	-	-
3726	ICRISAT	ICC 12073	CELA	-	Yuriria-44	MEX	-	-
3727	ICRISAT	ICC 12074	CELA	-	Yuriria-45	MEX	-	-
3728	ICRISAT	ICC 12077	CELA	-	Yuriria-49	MEX	-	-
3729	ICRISAT	ICC 12079	CELA	-	Yuriria-51	MEX	-	-
3730	ICRISAT	ICC 12080	CELA	-	Yuriria-52	MEX	-	-
3731	ICRISAT	ICC 12084	CELA	-	Yuriria-62	MEX	-	-
3732	ICRISAT	ICC 12085	CELA	-	Yuriria-65	MEX	-	-
3733	ICRISAT	ICC 12086	CELA	-	Yuriria-68	MEX	-	-
3734	ICRISAT	ICC 12087	CELA	-	Yuriria-69	MEX	-	-
3735	ICRISAT	ICC 12088	CELA	-	Yuriria-74	MEX	-	-
3736	ICRISAT	ICC 12089	CELA	-	Yuriria-75	MEX	-	-
3737	ICRISAT	ICC 12096	CELA	-	Yuriria-92	MEX	-	-
3738	ICRISAT	ICC 12097	CELA	-	Yuriria-94	MEX	-	-
3739	ICRISAT	ICC 12098	CELA	-	Yuriria-95	MEX	-	-
3740	ICRISAT	ICC 12104	CELA	-	Yuriria-111	MEX	-	-
3741	ICRISAT	ICC 12110	CELA	-	Yuriria-123	MEX	-	-
3742	ICRISAT	ICC 12112	CELA	-	Yuriria-133	MEX	-	-
3743	ICRISAT	ICC 12113	CELA	-	Yuriria-134	MEX	-	-
3744	ICRISAT	ICC 12120	CELA	-	Yuriria-150	MEX	-	-
3745	ICRISAT	ICC 12121	-	SAD	SAD-509	MWI	Mulianje	-
3746	ICRISAT	ICC 12162	-	PR	PR-4359	NPL	Simra Parsa	-
3747	ICRISAT	ICC 12163	-	PR	PR-4360-1	NPL	Bhagmathi Ra:ltahat	-
3748	ICRISAT	ICC 12195	-	RPSP	RPSP-682	IND	Awankha Gurdaspur; Punjab	-
3749	-	-	UCCS	JCG	-	FRA	-	-
3750	ICRISAT	ICC 7346	-	-	-	-	-	-
3751	ICRISAT	ICC 7347	-	-	-	-	-	-
3752	ICRISAT	ICC 10321	FAAU	-	Ispanyol Nohut Reg.NO 12	TUR	-	-
3753	ICRISAT	ICC 10354	FAAU	-	Sogutducuk Nohut 29/1-58 Reg.NO	TUR	-	-
3754	ICRISAT	ICC 10368	FAAU	-	Nohut Reg.NO 211	TUR	-	-
3755	ICRISAT	ICC 10679	IZM	-	CRIC-33360	TUR	Malkara; Tekirdag	-
3756	ICRISAT	ICC 10682	IZM	-	CRIC-33506	TUR	Vize; Kirklareli	-
3757	ICRISAT	ICC 10683	IZM	-	CRIC-33507	TUR	Vize; Kirklareli	-
3758	ICRISAT	ICC 10688	IZM	-	CRIC-34852	TUR	Kilis; Gaziantep	-
3759	ICRISAT	ICC 10695	IZM	-	CRIC-34861	TUR	Taskopru; Kastamonu	-
3760	ICRISAT	ICC 10701	IZM	-	CRIC-34867	TUR	Karaagac; Mugla	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
3761	ICRISAT	ICC 10752	IZM	-	CRIC-34981	TUR	Ayvalik; Balikesir	-
3762	ICRISAT	ICC 10784	IZM	-	CRIC-37532	TUR	Eruh; Siirt	-
3763	ICRISAT	ICC 10789	IZM	-	CRIC-38052	TUR	Banaz; Usak	-
3764	ICRISAT	ICC 10792	IZM	-	CRIC-38220	TUR	Enez; Edirne	-
3765	ICRISAT	ICC 10874	WAGG	-	CPI-56285	IND	-	-
3766	ICRISAT	ICC 10882	WAGG	-	K-1270	SUN	-	-
3767	ICRISAT	ICC 10884	WAGG	-	P-10653	ETH	-	-
3768	ICRISAT	ICC 11228	-	-	WIR-1734	SUN	-	-
3769	ICRISAT	ICC 11263	GAT	-	B-235/75	CSK	-	-
3770	ICRISAT	ICC 11264	GAT	-	B-236/75	CSK	-	-
3771	ICRISAT	ICC 11266	GAT	-	B-238/75	CSK	-	-
3772	ICRISAT	ICC 11268	GAT	-	B-253/75	CSK	-	-
3773	ICRISAT	ICC 11270	GAT	-	C/L 68/75	CSK	-	-
3774	ICRISAT	ICC 11277	SVP	-	NPE-496	PAK	NWFP	-
3775	ICRISAT	ICC 11285	-	-	Bulk	USA	Clifornia	-
3776	ICRISAT	ICC 11286	-	-	M-1	USA	Clifornia	-
3777	ICRISAT	ICC 11287	-	-	M-2	USA	Clifornia	-
3778	ICRISAT	ICC 11288	-	-	M-3	USA	Clifornia	-
3779	ICRISAT	ICC 11289	-	-	M-4	USA	Clifornia	-
3780	ICRISAT	ICC 11291	-	-	#-1-1	USA	Clifornia	-
3781	ICRISAT	ICC 11294	-	-	#-3	USA	Clifornia	-
3782	ICRISAT	ICC 11296	-	-	#-6	USA	Clifornia	-
3783	ICRISAT	ICC 11297	-	-	#-7	USA	Clifornia	-
3784	ICRISAT	ICC 11298	-	-	#-9	USA	Clifornia	-
3785	ICRISAT	ICC 11299	-	-	#-10	USA	Clifornia	-
3786	ICRISAT	ICC 11302	INIA	-	708003	CHL	-	-
3787	ICRISAT	ICC 11303	INIA	-	708017	CHL	-	-
3788	ICRISAT	ICC 11306	INIA	-	735104	CHL	-	-
3789	ICRISAT	ICC 11388	-	PR	PR-4401	IND	Punjab	-
3790	ICRISAT	ICC 11392	-	PR	PR-4404	IND	Kalch Una H.P.	-
3791	ICRISAT	ICC 11395	-	PR	PR-4407	IND	Punjavar Una H.P.	-
3792	ICRISAT	ICC 11405	-	PR	PR-4417	IND	Belaun Una H.P.	-
3793	ICRISAT	ICC 11423	-	PR	PR-4435	IND	Takipur Kangar H.P.	-
3794	ICRISAT	ICC 11453	-	PR	PR-4466	IND	Badlak Solan H.P.	-
3795	ICRISAT	ICC 11762	INIA	-	INIA-43	CHL	Colchagua	-
3796	ICRISAT	ICC 11763	INIA	-	INIA-44	CHL	Colchagua	-
3797	ICRISAT	ICC 11787	INIA	-	INIA-68	CHL	Colchagua	-
3798	ICRISAT	ICC 11800	INIA	-	INIA-84	CHL	Curico	-
3799	ICRISAT	ICC 11801	INIA	-	INIA-85	CHL	Curico	-
3800	ICRISAT	ICC 12031	CULN	-	L-1852	MEX	-	-

ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
3801	ICRISAT ICC 12062	CELA	-	Yuriria-7	MEX	-	-
3802	-	-	-	Pch 1	MAR	-	-
3803	-	-	-	Pch 2	MAR	-	-
3804	-	-	-	Pch 3	MAR	-	-
3805	-	-	-	Pch 5	MAR	-	-
3806	-	-	-	Pch 7	MAR	-	-
3807	-	-	-	Pch 8	MAR	-	-
3808	-	-	-	Pch 9	MAR	-	-
3809	-	-	-	Pch 11	MAR	-	-
3810	-	-	-	Pch 13	MAR	-	-
3811	-	-	-	Pch 24	MAR	-	-
3812	-	-	-	Pch 28	MAR	-	-
3813	-	-	-	Pch 34	MAR	-	-
3814	-	-	-	Pch 35	MAR	-	-
3815	-	-	-	Pch 37	MAR	-	-
3816	-	-	-	Pch 41	MAR	-	-
3817	-	-	-	Pch 42	MAR	-	-
3818	-	-	-	Pch 43	MAR	-	-
3819	-	-	-	Pch 44	MAR	-	-
3820	-	-	-	Pch 46	MAR	-	-
3821	-	-	-	Pch 50	MAR	-	-
3822	-	-	-	Pch 53	MAR	-	-
3823	-	-	-	Pch 57	MAR	-	-
3824	-	-	-	Pch 59	MAR	-	-
3825	-	-	-	Pch 60	MAR	-	-
3826	-	-	-	Pch 62	MAR	-	-
3827	-	-	-	Pch 63	MAR	-	-
3828	-	-	-	Pch 65	MAR	-	-
3829	-	-	-	Pch 67	MAR	-	-
3830	-	-	-	Pch 75	MAR	-	-
3831	-	-	-	Pch 79	MAR	-	-
3832	-	-	-	Pch 80	MAR	-	-
3833	-	-	-	Pch 82	MAR	-	-
3834	-	-	-	Pch 84	MAR	-	-
3835	-	-	-	Pch 86	MAR	-	-
3836	-	-	-	Pch 87	MAR	-	-
3837	-	-	-	Pch 88	MAR	-	-
3838	-	-	-	Pch 90	MAR	-	-
3839	-	-	-	Pch 91	MAR	-	-
3840	-	-	-	Pch 93	MAR	-	-



ILC DOOR	DOFO	CLOR	COLL	CLEO/PED	ORI PRO/TOWE	LOC/REM
3841 -	-	-	-	Pch 94	MAR -	-
3842 -	-	-	-	Pch 95	MAR -	-
3843 -	-	-	-	Pch 102	MAR -	-
3844 -	-	-	-	Pch 103	MAR -	-
3845 -	-	-	-	Pch 104	MAR -	-
3846 -	-	-	-	Pch 105	MAR -	-
3847 -	-	-	-	Pch 106	MAR -	-
3848 -	-	-	-	Pch 107	MAR -	-
3849 -	-	-	-	Pch 114	MAR -	-
3850 -	-	-	-	Pch 115	MAR -	-
3851 -	-	-	-	Pch 116	MAR -	-
3852 -	-	-	-	Pch 122	MAR -	-
3853 -	-	-	-	Pch 123	MAR -	-
3854 -	-	-	-	Pch 125	MAR -	-
3855 -	-	-	-	Pch 126	MAR -	-
3856 -	-	-	-	Pch 128	MAR -	-
3857 -	-	-	-	Pch 132	MAR -	-
3858 -	-	-	-	Pch 133	MAR -	-
3859 -	-	-	-	Pch 138	MAR -	-
3860 -	-	-	-	Pch 139	MAR -	-
3861 -	-	-	-	Pch 140	MAR -	-
3862 IWS	-	IWS	MIM	Albena	BGR -	-
3863 IWS	-	IWS	MIM	Boliarovo 1	BGR -	-
3864 IWS	-	IWS	MIM	Borisovo 1	BGR -	-
3865 IWS	-	IWS	MIM	Dobrich	BGR -	-
3866 IWS	-	IWS	MIM	Hemus	BGR -	-
3867 IWS	-	IWS	MIM	Kraimorie	BGR -	-
3868 IWS	-	IWS	MIM	Plovdiv 8	BGR -	-
3869 IWS	-	IWS	MIM	Radovec	BGR -	-
3870 IWS	-	IWS	MIM	Sinapovo 3	BGR -	-
3871 IWS	-	IWS	MIM	Valtchi-Izvor	BGR -	-
3872 -	-	ICARDA	MCS	Sudanese Local	SDN -	-
3873 -	-	-	-	N.1282	ITA Padova	-
3874 -	-	ICARDA	MCS	Souco Cosecha 1.980	ESP -	-
3875 -	-	ICARDA	MCS	Mejicano Cosecha/80	ESP -	-
3876 -	-	ICARDA	MCS	S 260 Tipo Var.Savco Cosecha 1.980	ESP -	-
3877 -	-	ICARDA	MCS	I-445 Cosecha Aho/80	ESP -	-
3878 -	-	ICARDA	MCS	I-102 Tipo Var.Criollo Cosecha/80	ESP -	-
3879 -	-	ICARDA	MCS	I-209 Tipo Var.Ceiollo Cosecha 1.980	ESP -	-
3880 -	-	ICARDA	RSM	-	TUR Ankara	-

ILC DOOR	DONO	CLOR	COLL	CIVO/PED	ORI PRO/TOWN	LOC/REM
3881 -	-	ICARDA	RSM	Landrace	TUR Kandil	-
3882 -	-	ICARDA	RSM	Landrace	TUR Kandil	-
3883 -	-	ICARDA	RSM	Landrace	TUR Ankara	-
3884 -	-	ICARDA	RSM	Landrace	TUR Izmir	-
3885 -	-	ICARDA	RSM	Landrace	TUR -	-
3886 -	-	ICARDA	MVR	Landrace	SYR -	-
3887 INIA	CR 0025	-	-	-	CHL Carahue	-
3888 INIA	CR 0039	-	-	-	CHL Carahue	-
3889 INIA	CR 0040	-	-	-	CHL Carahue	-
3890 INIA	CR 0047	-	-	-	CHL Carahue	-
3891 INIA	CR 0048	-	-	-	CHL Carahue	-
3892 INIA	LS 0133	-	-	-	CHL Los Sauces	-
3893 INIA	LS 0134	-	-	-	CHL Los Sauces	-
3894 INIA	LS 0135	-	-	-	CHL Los Sauces	-
3895 INIA	LU 0136	-	-	-	CHL Lumaco	-
3896 INIA	LU 0144	-	-	-	CHL Lumaco	-
3897 INIA	LU 0145	-	-	-	CHL Lumaco	-
3898 INIA	CR 0156	-	-	-	CHL Carahue	-
3899 INIA	CP 0196	-	-	-	CHL Carahue	-
3900 INIA	CR 0206	-	-	-	CHL Carahue	-
3901 INIA	CH 0212	-	-	-	CHL Cholchol	-
3902 INIA	CH 0213	-	-	-	CHL Cholchol	-
3903 INIA	CH 0214	-	-	-	CHL Cholchol	-
3904 INIA	CH 0215	-	-	-	CHL Cholchol	-
3905 INIA	CH 0216	-	-	-	CHL Cholchol	-
3906 INIA	CH 0217	-	-	-	CHL Cholchol	-
3907 INIA	CH 0218	-	-	-	CHL Cholchol	-
3908 INIA	CH 0219	-	-	-	CHL Cholchol	-
3909 INIA	CH 0220	-	-	-	CHL Cholchol	-
3910 INIA	CH 0222	-	-	-	CHL Cholchol	-
3911 INIA	CH 0226	-	-	-	CHL Cholchol	-
3912 INIA	LS 0233	-	-	-	CHL Los Sauces	-
3913 INIA	LS 0234	-	-	-	CHL Los Sauces	-
3914 INIA	LS 0235	-	-	-	CHL Los Sauces	-
3915 INIA	LS 0236	-	-	-	CHL Los Sauces	-
3916 INIA	LS 0237	-	-	-	CHL Los Sauces	-
3917 INIA	LS 0238	-	-	-	CHL Los Sauces	-
3918 INIA	LS 0239	-	-	-	CHL Los Sauces	-
3919 INIA	LS 0240	-	-	-	CHL Los Sauces	-
3920 INIA	LS 0241	-	-	-	CHL Los Sauces	-

ILC DOOR	DOBO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
3921 INIA	LS 0242	-	-	-		
3922 INIA	LS 0243	-	-	-	CHL Los Sauces	-
3923 INIA	LS 0244	-	-	-	CHL Los Sauces	-
3924 INIA	LS 0245	-	-	-	CHL Los Sauces	-
3925 INIA	LS 0246	-	-	-	CHL Los Sauces	-
3926 INIA	LS 0247	-	-	-		
3927 INIA	LS 0248	-	-	-	CHL Los Sauces	-
3928 INIA	LS 0249	-	-	-	CHL Los Sauces	-
3929 INIA	LS 0250	-	-	-	CHL Los Sauces	-
3930 INIA	LS 0251	-	-	-	CHL Los Sauces	-
3931 INIA	LS 0252	-	-	-		
3932 INIA	LS 0253	-	-	-	CHL Los Sauces	-
3933 INIA	LS 0254	-	-	-	CHL Los Sauces	-
3934 INIA	LS 0255	-	-	-	CHL Los Sauces	-
3935 INIA	LS 0256	-	-	-	CHL Los Sauces	-
3936 INIA	LS 0257	-	-	-		
3937 INIA	LS 0258	-	-	-	CHL Los Sauces	-
3938 INIA	LS 0259	-	-	-	CHL Los Sauces	-
3939 INIA	LS 0260	-	-	-	CHL Los Sauces	-
3940 INIA	LS 0261	-	-	-	CHL Los Sauces	-
3941 INIA	LS 0262	-	-	-		
3942 INIA	LS 0263	-	-	-	CHL Los Sauces	-
3943 INIA	LS 0264	-	-	-	CHL Los Sauces	-
3944 INIA	LS 0265	-	-	-	CHL Los Sauces	-
3945 INIA	LS 0266	-	-	-	CHL Los Sauces	-
3946 INIA	LS 0267	-	-	-		
3947 INIA	LS 0268	-	-	-	CHL Los Sauces	-
3948 INIA	LS 0269	-	-	-	CHL Los Sauces	-
3949 INIA	LS 0270	-	-	-	CHL Los Sauces	-
3950 INIA	LS 0271	-	-	-	CHL Los Sauces	-
3951 INIA	LS 0272	-	-	-		
3952 INIA	LS 0273	-	-	-	CHL Los Sauces	-
3953 INIA	LS 0274	-	-	-	CHL Los Sauces	-
3954 INIA	LS 0275	-	-	-	CHL Los Sauces	-
3955 INIA	LS 0276	-	-	-	CHL Los Sauces	-
3956 INIA	LS 0277	-	-	-		
3957 INIA	LS 0278	-	-	-	CHL Los Sauces	-
3958 INIA	LS 0279	-	-	-	CHL Los Sauces	-
3959 INIA	LS 0280	-	-	-	CHL Los Sauces	-
3960 INIA	LS 0281	-	-	-	CHL Los Sauces	-

ILC	DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
3961	INIA	LS 0282	-	-	-	CHL	Los Sauces	-
3962	INIA	LS 0283	-	-	-	CHL	Los Sauces	-
3963	INIA	LS 0284	-	-	-	CHL	Los Sauces	-
3964	INIA	LS 0285	-	-	-	CHL	Los Sauces	-
3965	INIA	LS 0286	-	-	-	CHL	Los Sauces	-
3966	INIA	LU 0287	-	-	-	CHL	Lumaco	-
3967	INIA	LU 0288	-	-	-	CHL	Lumaco	-
3968	INIA	LU 0289	-	-	-	CHL	Lumaco	-
3969	INIA	LU 0290	-	-	-	CHL	Lumaco	-
3970	INIA	TR 0291	-	-	-	CHL	Traiguén	-
3971	INIA	TR 0292	-	-	-	CHL	Traiguén	-
3972	INIA	CR 0293	-	-	-	CHL	Carahue	-
3973	INIA	CR 0294	-	-	-	CHL	Carahue	-
3974	INIA	CR 0295	-	-	-	CHL	Carahue	-
3975	INIA	CR 0296	-	-	-	CHL	Carahue	-
3976	INIA	CR 0297	-	-	-	CHL	Carahue	-
3977	INIA	CR 0298	-	-	-	CHL	Carahue	-
3978	INIA	CR 0299	-	-	-	CHL	Carahue	-
3979	INIA	CR 0300	-	-	-	CHL	Carahue	-
3980	INIA	CR 0301	-	-	-	CHL	Carahue	-
3981	INIA	CR 0302	-	-	-	CHL	Carahue	-
3982	INIA	CR 0303	-	-	-	CHL	Carahue	-
3983	INIA	CR 0304	-	-	-	CHL	Carahue	-
3984	INIA	CR 0305	-	-	-	CHL	Carahue	-
3985	INIA	CR 0306	-	-	-	CHL	Carahue	-
3986	INIA	CR 0307	-	-	-	CHL	Carahue	-
3987	INIA	CR 0308	-	-	-	CHL	Carahue	-
3988	INIA	CR 0309	-	-	-	CHL	Carahue	-
3989	INIA	CR 0310	-	-	-	CHL	Carahue	-
3990	INIA	CR 0311	-	-	-	CHL	Carahue	-
3991	INIA	CR 0312	-	-	-	CHL	Carahue	-
3992	INIA	CR 0313	-	-	-	CHL	Carahue	-
3993	INIA	CR 0314	-	-	-	CHL	Carahue	-
3994	INIA	CR 0315	-	-	-	CHL	Carahue	-
3995	INIA	CR 0316	-	-	-	CHL	Carahue	-
3996	INIA	CR 0317	-	-	-	CHL	Carahue	-
3997	INIA	CR 0318	-	-	-	CHL	Carahue	-
3998	INIA	CR 0319	-	-	-	CHL	Carahue	-
3999	INIA	CR 0320	-	-	-	CHL	Carahue	-
4000	INIA	CR 0321	-	-	-	CHL	Carahue	-

ILC DOOR	DOFO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
4001 INIA	CR 0322	-	-	-		
4002 INIA	CR 0323	-	-	-	CHL Carahue	-
4003 INIA	CR 0324	-	-	-	CHL Carahue	-
4004 INIA	CR 0325	-	-	-	CHL Carahue	-
4005 INIA	CR 0326	-	-	-	CHL Carahue	-
4006 INIA	CR 0327	-	-	-		
4007 INIA	CR 0328	-	-	-	CHL Carahue	-
4008 INIA	CR 0329	-	-	-	CHL Carahue	-
4009 INIA	CR 0330	-	-	-	CHL Carahue	-
4010 INIA	HI 0331	-	-	-	CHL Hidango	-
4011 INIA	HI 0332	-	-	-		
4012 INIA	HI 0333	-	-	-	CHL Hidango	-
4013 INIA	HI 0334	-	-	-	CHL Hidango	-
4014 INIA	HI 0335	-	-	-	CHL Hidango	-
4015 INIA	HI 0336	-	-	-	CHL Hidango	-
4016 INIA	HI 0337	-	-	-		
4017 INIA	HI 0338	-	-	-	CHL Hidango	-
4018 INIA	HI 0339	-	-	-	CHL Hidango	-
4019 INIA	HI 0340	-	-	-	CHL Hidango	-
4020 INIA	HI 0341	-	-	-	CHL Hidango	-
4021 INIA	HI 0342	-	-	-		
4022 INIA	HI 0343	-	-	-	CHL Hidango	-
4023 INIA	HI 0344	-	-	-	CHL Hidango	-
4024 INIA	HI 0345	-	-	-	CHL Hidango	-
4025 INIA	HI 0346	-	-	-	CHL Hidango	-
4026 INIA	HI 0347	-	-	-		
4027 INIA	HI 0348	-	-	-	CHL Hidango	-
4028 INIA	HI 0349	-	-	-	CHL Hidango	-
4029 INIA	HI 0350	-	-	-	CHL Hidango	-
4030 INIA	HI 0351	-	-	-	CHL Hidango	-
4031 INIA	HI 0352	-	-	-		
4032 INIA	HI 0353	-	-	-	CHL Hidango	-
4033 INIA	HI 0354	-	-	-	CHL Hidango	-
4034 INIA	HI 0355	-	-	-	CHL Hidango	-
4035 INIA	HI 0356	-	-	-	CHL Hidango	-
4036 INIA	HI 0357	-	-	-		
4037 INIA	HI 0358	-	-	-	CHL Hidango	-
4038 INIA	HI 0359	-	-	-	CHL Hidango	-
4039 INIA	HI 0360	-	-	-	CHL Hidango	-
4040 INIA	HI 0361	-	-	-	CHL Hidango	-

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REN
4041	INIA	HI 0362	-	-	-	CHL Hidango	-
4042	INIA	HI 0363	-	-	-	CHL Hidango	-
4043	INIA	HI 0364	-	-	-	CHL Hidango	-
4044	INIA	HI 0365	-	-	-	CHL Hidango	-
4045	INIA	HI 0366	-	-	-	CHL Hidango	-
4046	INIA	HI 0367	-	-	-	CHL Hidango	-
4047	INIA	HI 0368	-	-	-	CHL Hidango	-
4048	INIA	HI 0369	-	-	-	CHL Hidango	-
4049	INIA	HI 0370	-	-	-	CHL Hidango	-
4050	INIA	HI 0371	-	-	-	CHL Hidango	-
4051	INIA	HI 0372	-	-	-	CHL Hidango	-
4052	INIA	HI 0373	-	-	-	CHL Hidango	-
4053	INIA	HI 0374	-	-	-	CHL Hidango	-
4054	INIA	HI 0375	-	-	-	CHL Hidango	-
4055	INIA	HI 0376	-	-	-	CHL Hidango	-
4056	INIA	HI 0377	-	-	-	CHL Hidango	-
4057	INIA	HI 0378	-	-	-	CHL Hidango	-
4058	INIA	HI 0379	-	-	-	CHL Hidango	-
4059	INIA	HI 0380	-	-	-	CHL Hidango	-
4060	INIA	HI 0381	-	-	-	CHL Hidango	-
4061	INIA	HI 0382	-	-	-	CHL Hidango	-
4062	INIA	HI 0383	-	-	-	CHL Hidango	-
4063	INIA	HI 0384	-	-	-	CHL Hidango	-
4064	INIA	HI 0385	-	-	-	CHL Hidango	-
4065	INIA	HI 0386	-	-	-	CHL Hidango	-
4066	INIA	HI 0387	-	-	-	CHL Hidango	-
4067	INIA	HI 0388	-	-	-	CHL Hidango	-
4068	INIA	HI 0389	-	-	-	CHL Hidango	-
4069	INIA	HI 0390	-	-	-	CHL Hidango	-
4070	INIA	HI 0391	-	-	-	CHL Hidango	-
4071	INIA	HI 0392	-	-	-	CHL Hidango	-
4072	INIA	HI 0393	-	-	-	CHL Hidango	-
4073	INIA	HI 0394	-	-	-	CHL Hidango	-
4074	INIA	HI 0395	-	-	-	CHL Hidango	-
4075	INIA	HI 0396	-	-	-	CHL Hidango	-
4076	INIA	HI 0397	-	-	-	CHL Hidango	-
4077	INIA	HI 0398	-	-	-	CHL Hidango	-
4078	INIA	HI 0399	-	-	-	CHL Hidango	-
4079	INIA	HI 0400	-	-	-	CHL Hidango	-
4080	INIA	HI 0401	-	-	-	CHL Hidango	-

ILC DOOR	DOFO	CLOR	COLF.	CLNO/PED	ORI PRO/TOWN	LOC/REM
4081	INIA	HI 0402	-	-	-	-
4082	INIA	HI 0403	-	-	CHL Hidango	-
4083	INIA	HI 0404	-	-	CHL Hidango	-
4084	INIA	HI 0405	-	-	CHL Hidango	-
4085	INIA	HI 0406	-	-	CHL Hidango	-
4086	INIA	LS 0653	-	-	-	-
4087	INIA	12-071-05473	-	-	CHL Los Sauces	-
4088	INIA	12-071-10013	-	-	TUN Beja	-
4089	INIA	12-071-10015	-	-	TUN Beja	-
4090	INIA	-	-	Admoun Beja	TUN Beja	-
4091	-	-	ICARDA	MCS	-	-
4092	UJOR	UJC-22	UJOR	NH	SYR Aleppo	Bab El Hawa market
4093	UJOR	UJC-28	UJOR	NH	JOR Irbid	Origin Marow
4094	UJOR	UJC-33	UJOR	NH	JOR Irbid	Origin Marow
4095	UJOR	UJC-107	UJOR	NH	JOR -	-
4096	UJOR	UJC-128	UJOR	NH	JOR -	-
4097	-	Tunis-1	-	-	TUN -	-
4098	-	Tunis-2	-	-	TUN -	-
4099	-	Tunis-3	-	-	TUN -	-
4100	-	Tunis-4	-	-	TUN -	-
4101	-	Tunis-5	-	-	TUN -	-
4102	-	Tunis-6	-	-	TUN -	-
4103	-	2105	-	-	TUN -	-
4104	-	2106	-	-	TUN -	-
4105	-	2107	-	-	TUN -	-
4106	-	2108	-	-	TUN -	-
4107	-	2109	-	-	TUN -	-
4108	-	2110	-	-	TUN -	-
4109	-	2111	-	-	TUN -	-
4110	-	2112	-	-	TUN -	-
4111	-	2113	-	-	TUN -	-
4112	-	2114	-	-	TUN -	-
4113	-	2115	-	-	TUN -	-
4114	-	2116	-	-	TUN -	-
4115	-	2117	-	-	TUN -	-
4116	-	2118	-	-	TUN -	-
4117	-	2121	-	-	TUN -	-
4118	-	2122	-	-	TUN -	-
4119	-	2123	-	-	TUN -	-
4120	-	2124	-	-	TUN -	-

## 170 Catalog of Chickpea Germplasm

ILC DOOR	DONO	CLOR	COLL	CLRO/PED	ORI	PRO/TOWN	LOC/REN
4121 -	2125	-	-	-	TUN	-	-
4122 -	2127	-	-	-	TUN	-	-
4123 -	2128	-	-	-	TUN	-	-
4124 -	2129	-	-	-	TUN	-	-
4125 -	2130	-	-	-	TUN	-	-
4126 -	2131	-	-	-	TUN	-	-
4127 -	2132	-	-	-	TUN	-	-
4128 -	2133	-	-	-	TUN	-	-
4129 -	2134	-	-	-	TUN	-	-
4130 -	2135	-	-	-	TUN	-	-
4131 -	2136	-	-	-	TUN	-	-
4132 -	2137	-	-	-	TUN	-	-
4133 -	2138	-	-	-	TUN	-	-
4134 -	2139	-	-	-	TUN	-	-
4135 -	2140	-	-	-	TUN	-	-
4136 -	2141	-	-	-	TUN	-	-
4137 -	2142	-	-	-	TUN	-	-
4138 -	2143	-	-	-	TUN	-	-
4139 -	2144	-	-	-	TUN	-	-
4140 -	2146	-	-	-	TUN	-	-
4141 -	2147	-	-	-	TUN	-	-
4142 -	2148	-	-	-	TUN	-	-
4143 -	2149	-	-	-	TUN	-	-
4144 -	2150	-	-	-	TUN	-	-
4145 -	2151	-	-	-	TUN	-	-
4146 -	2152	-	-	-	TUN	-	-
4147 -	2154	-	-	-	TUN	-	-
4148 -	2155	-	-	-	TUN	-	-
4149 -	2156	-	-	-	TUN	-	-
4150 -	2157	-	-	-	TUN	-	-
4151 -	2163	-	-	-	TUN	-	-
4152 -	2165	-	-	-	TUN	-	-
4153 -	2166	-	-	-	TUN	-	-
4154 -	2167	-	-	-	TUN	-	-
4155 -	2168	-	-	-	TUN	-	-
4156 -	2169	-	-	-	TUN	-	-
4157 -	2170	-	-	-	TUN	-	-
4158 -	2172	-	-	-	TUN	-	-
4159 -	2173	-	-	-	TUN	-	-
4160 -	2174	-	-	-	TUN	-	-



ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
4161 -	2177	-	-	-	TUN -	-
4162 -	2178	-	-	-	TUN -	-
4163 -	2179	-	-	-	TUN -	-
4164 -	2180	-	-	-	TUN -	-
4165 -	2181	-	-	-	TUN -	-
4166 -	2183	-	-	-	TUN -	-
4167 -	2184	-	-	-	TUN -	-
4168 -	2185	-	-	-	TUN -	-
4169 -	2187	-	-	-	TUN -	-
4170 -	2188	-	-	-	TUN -	-
4171 -	2189	-	-	-	TUN -	-
4172 -	2190	-	-	-	TUN -	-
4173 -	2191	-	-	-	TUN -	-
4174 -	2194	-	-	-	TUN -	-
4175 -	2197	-	-	-	TUN -	-
4176 -	2203	-	-	-	TUN -	-
4177 -	2204	-	-	-	TUN -	-
4178 -	2261	-	-	-	TUN -	-
4179 -	2414	-	-	-	TUN -	-
4180 -	2415	-	-	-	TUN -	-
4181 -	2416	-	-	-	TUN -	-
4182 -	2417	-	-	-	TUN -	-
4183 -	2418	-	-	-	TUN -	-
4184 -	2419	-	-	-	TUN -	-
4185 -	2420	-	-	-	TUN -	-
4186 -	2421	-	-	-	TUN -	-
4187 -	2422	-	-	-	TUN -	-
4188 -	2423	-	-	-	TUN -	-
4189 -	2424	-	-	-	TUN -	-
4190 -	2425	-	-	-	TUN -	-
4191 -	2426	-	-	-	TUN -	-
4192 -	2427	-	-	-	TUN -	-
4193 -	2428	-	-	-	TUN -	-
4194 -	2429	-	-	-	TUN -	-
4195 -	2431	-	-	-	TUN -	-
4196 -	2432	-	-	-	TUN -	-
4197 -	2433	-	-	-	TUN -	-
4198 -	2434	-	-	-	TUN -	-
4199 -	2435	-	-	-	TUN -	-
4200 -	2436	-	-	-	TUN -	-

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ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REN
4201 -	2437	-	-	-	TUN -	-
4202 -	2438	-	-	-	TUN -	-
4203 -	2440	-	-	-	TUN -	-
4204 -	2441	-	-	-	TUN -	-
4205 -	2442	-	-	-	TUN -	-
4206 -	2443	-	-	-	TUN -	-
4207 -	2444	-	-	-	TUN -	-
4208 -	2445	-	-	-	TUN -	-
4209 -	2446	-	-	-	TUN -	-
4210 -	2447	-	-	-	TUN -	-
4211 -	2448	-	-	-	TUN -	-
4212 -	2450	-	-	-	TUN -	-
4213 -	2451	-	-	-	TUN -	-
4214 -	2452	-	-	-	TUN -	-
4215 -	2454	-	-	-	TUN -	-
4216 -	2455	-	-	-	TUN -	-
4217 -	2456	-	-	-	TUN -	-
4218 -	2457	-	-	-	TUN -	-
4219 -	2460	-	-	-	TUN -	-
4220 -	2461	-	-	-	TUN -	-
4221 -	2462	-	-	-	TUN -	-
4222 -	2463	-	-	-	TUN -	-
4223 -	2464	-	-	-	TUN -	-
4224 -	2465	-	-	-	TUN -	-
4225 -	2466	-	-	-	TUN -	-
4226 -	2467	-	-	-	TUN -	-
4227 -	2468	-	-	-	TUN -	-
4228 -	2469	-	-	-	TUN -	-
4229 -	2470	-	-	-	TUN -	-
4230 -	2471	-	-	-	TUN -	-
4231 -	2472	-	-	-	TUN -	-
4232 -	2473	-	-	-	TUN -	-
4233 -	2474	-	-	-	TUN -	-
4234 -	2475	-	-	-	TUN -	-
4235 -	2476	-	-	-	TUN -	-
4236 -	2477	-	-	-	TUN -	-
4237 -	2479	-	-	-	TUN -	-
4238 -	2480	-	-	-	TUN -	-
4239 -	2481	-	-	-	TUN -	-
4240 -	2482	-	-	-	TUN -	-

ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
4241 -	2484	-	-	-	TUN -	-
4242 -	2485	-	-	-	TUN -	-
4243 -	2486	-	-	-	TUN -	-
4244 -	2487	-	-	-	TUN -	-
4245 -	2488	-	-	-	TUN -	-
4246 -	2489	-	-	-	TUN -	-
4247 -	2490	-	-	-	TUN -	-
4248 -	2492	-	-	-	TUN -	-
4249 -	2493	-	-	-	TUN -	-
4250 -	2495	-	-	-	TUN -	-
4251 -	2497	-	-	-	TUN -	-
4252 -	2498	-	-	-	TUN -	-
4253 -	2499	-	-	-	TUN -	-
4254 -	2500	-	-	-	TUN -	-
4255 -	2501	-	-	-	TUN -	-
4256 -	2502	-	-	-	TUN -	-
4257 -	2503	-	-	-	TUN -	-
4258 -	2504	-	-	-	TUN -	-
4259 -	2505	-	-	-	TUN -	-
4260 -	2507	-	-	-	TUN -	-
4261 -	2508	-	-	-	TUN -	-
4262 -	2509	-	-	-	TUN -	-
4263 -	2511	-	-	-	TUN -	-
4264 -	2512	-	-	-	TUN -	-
4265 -	2514	-	-	-	TUN -	-
4266 -	2515	-	-	-	TUN -	-
4267 -	2516	-	-	-	TUN -	-
4268 -	2517	-	-	-	TUN -	-
4269 -	2518	-	-	-	TUN -	-
4270 -	2519	-	-	-	TUN -	-
4271 -	2520	-	-	-	TUN -	-
4272 -	2521	-	-	-	TUN -	-
4273 -	2523	-	-	-	TUN -	-
4274 -	2525	-	-	-	TUN -	-
4275 -	2526	-	-	-	TUN -	-
4276 -	2527	-	-	-	TUN -	-
4277 -	2528	-	-	-	TUN -	-
4278 -	2529	-	-	-	TUN -	-
4279 -	2530	-	-	-	TUN -	-
4280 -	2531	-	-	-	TUN -	-

ILC DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
4281	-	2532	-	-	TUN -	-
4282	-	2533	-	-	TUN -	-
4283	-	2534	-	-	TUN -	-
4284	-	2535	-	-	TUN -	-
4285	-	2536	-	-	TUN -	-
4286	-	2537	-	-	TUN -	-
4287	-	2538	-	-	TUN -	-
4288	-	2539	-	-	TUN -	-
4289	-	2540	-	-	TUN -	-
4290	-	2541	-	-	TUN -	-
4291	INIAM	-	-	Breve Blanco	MEX -	-
4292	INIAM	-	-	Macarena	MEX -	-
4293	INIAM	-	-	Union	MEX -	-
4294	INIAM	-	-	Angiostura	MEX -	-
4295	INIAM	-	-	Culiancancito-#60	MEX -	-
4296	INIAM	-	-	Surutato-77	MEX -	-
4297	INIAM	-	-	Vitaruto-81	MEX -	-
4298	-	-	-	S.L.S.	SYR -	-
4299	-	-	-	S.L.M.	SYR -	-
4300	-	-	-	Syr local exhibition	SYR -	-
4301	DCUSA	-	-	Pitic	USA -	-
4302	DCUSA	-	-	Colia Cancito	USA -	-
4303	DCUSA	-	-	Sataya	USA -	-
4304	DCUSA	-	-	Caimenero	USA -	-
4305	DCUSA	-	-	Hermosillo	USA -	-
4306	DCUSA	-	-	Sonora 80	USA -	-
4307	DCUSA	-	-	White Spanish	USA -	-
4308	DCUSA	-	-	UC-5	USA -	-
4309	DCUSA	-	-	Mission	USA -	-
4310	INIACOR	No.Rto. 2.178	-	-	ESP Lerida	-
4311	INIACOR	No.Rto. 2.179	-	-	ESP Olivares; Sevilla	-
4312	INIACOR	No.Rto. 2.180	-	-	ESP Castellon	-
4313	INIACOR	No.Rto. 2.181	-	-	ESP Castellon	-
4314	INIACOR	No.Rto. 2.182	-	-	ESP Caravaca; Murcia	-
4315	INIACOR	No.Rto. 2.183	-	-	ESP V. De Alcolea; Castellon	-
4316	INIACOR	No.Rto. 2.184	-	-	ESP Caravaca; Murcia	-
4317	INIACOR	No.Rto. 2.185	-	-	ESP Benisa	-
4318	INIACOR	No.Rto. 2.186	-	-	ESP Puebla; P. Mallorca	-
4319	INIACOR	No.Rto. 2.188	-	-	ESP Iaca; P. Mallorca	-
4320	INIACOR	No.Rto. 2.189	-	-	ESP Palma De Mallorca	-

ILC	DOOR	DOMO	CLOR	COLL	CLRO/PED	ORI PRO/TOWN	LOC/REM
4321	INIACOR	No.Rto.	2.190	-	-	ESP Palma De Mallorca	-
4322	INIACOR	No.Rto.	2.191	-	-	ESP Ocana; Toledo	-
4323	INIACOR	No.Rto.	2.192	-	-	ESP C. De Altobuey; Cuenca	-
4324	INIACOR	No.Rto.	2.193	-	-	ESP Canete; Cuenca	-
4325	INIACOR	No.Rto.	2.194	-	-	ESP T. De La Mancha; Albacete	-
4326	INIACOR	No.Rto.	2.195	-	-	ESP Corral De Almaguer; Toledo	-
4327	INIACOR	No.Rto.	2.196	-	-	ESP Penas De S. Pedro; Albacete	-
4328	INIACOR	No.Rto.	2.197	-	-	ESP Belmonte; cuenca	-
4329	INIACOR	No.Rto.	2.198	-	-	ESP Direccion Provincial De Agricultura	-
4330	INIACOR	No.Rto.	2.199	-	-	ESP Direccion Provincial De Agricultura	-
4331	INIACOR	No.Rot.	2.200	-	-	ESP Direccion Provincial De Agricultura	-
4332	INIACOR	No.Rot.	2.201	-	-	ESP Direccion Provincial De Agricultura	-
4333	INIACOR	No.Rot.	2.202	-	-	ESP Direccion Provincial De Agricultura	-
4334	INIACOR	No.Rot.	2.203	-	-	ESP Direccion Provincial De Agricultura	-
4335	INIACOR	No.Rot.	2.204	-	-	ESP Direccion Provincial De Agricultura	-
4336	INIACOR	No.Rot.	2.205	-	-	ESP Direccion Provincial De Agricultura	-
4337	INIACOR	No.Rot.	2.206	-	-	ESP Direccion Provincial De Agricultura	-
4338	INIACOR	No.Rot.	2.207	-	-	ESP Direccion Provincial De Agricultura	-
4339	INIACOR	No.Rot.	2.208	-	-	ESP Direccion Provincial De Agricultura	-
4340	UJOR	UJC-1	-	-	-	JOR Amman	-
4341	UJOR	UJC-2	-	-	-	JOR Amman	-
4342	UJOR	UJC-3	-	-	-	JOR Amman	-
4343	UJOR	UJC-4	-	-	-	JOR Amman	-
4344	UJOR	UJC-5	-	-	-	JOR Amman	-
4345	UJOR	UJC-6	-	-	-	JOR Amman	-
4346	UJOR	UJC-7	-	-	-	JOR Amman	-
4347	UJOR	UJC-8	-	-	-	JOR Amman	-
4348	UJOR	UJC-9	-	-	Naour-81	JOR Amman	-
4349	UJOR	UJC-10	-	-	Madaba-81	JOR Amman	-
4350	UJOR	UJC-11	-	-	81-S1 UJC-10	JOR -	-
4351	UJOR	UJC-14	-	-	81-S2 UJC-13	JOR Amman	-
4352	UJOR	UJC-15	-	-	Tala'a El Ali-81	JOR -	-
4353	UJOR	UJC-17	-	-	Baraka-81	JOR Amman	-
4354	UJOR	UJC-18	-	-	81-S2 UJC-17	JOR -	-
4355	UJOR	UJC-19	-	-	81-S3 UJC-17	JOR -	-
4356	UJOR	UJC-20	-	-	Mansoura-81	JOR Amman	-
4357	UJOR	UJC-21	-	-	81-S2 UJC-20	JOR -	-
4358	UJOR	UJC-23	-	-	Mansoura-81	JOR -	-
4359	UJOR	UJC-24	-	-	Mansoura-81	JOR Amman	-
4360	UJOR	UJC-27	-	-	81-S5 UJC-24	JOR -	-

ILC DOOR	DOBO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM	
4361	UJOR	UJC-31	-	-	81-S3 UJC-29	JOR -	-
4362	UJOR	UJC-36	-	-	81-S2 UJC-35	JOR -	-
4363	UJOR	UJC-38	-	-	81-S4 UJC-35	JOR -	-
4364	UJOR	UJC-39	-	-	81-S6 UJC-35	JOR -	-
4365	UJOR	UJC-40	-	-	81-S8 UJC-35	JOR -	-
4366	UJOR	UJC-41	-	-	81-S8 UJC-35	JOR -	-
4367	UJOR	UJC-43	-	-	Jubeiha (3)-81	JOR Amman	-
4368	UJOR	UJC-44	-	-	81-S1 UJC-43	JOR -	-
4369	UJOR	UJC-45	-	-	81-S2 UJC-43	JOR -	-
4370	UJOR	UJC-46	-	-	81-S3 UJC-43	JOR -	-
4371	UJOR	UJC-47	-	-	81-S4 UJC-43	JOR -	-
4372	UJOR	UJC-49	-	-	Jubeiha (4)	JOR Amman	-
4373	UJOR	UJC-52	-	-	81-S7 UJC-49	JOR -	-
4374	UJOR	UJC-53	-	-	-	JOR Karak	-
4375	UJOR	UJC-54	-	-	-	JOR Karak	-
4376	UJOR	UJC-55	-	-	-	JOR Karak	-
4377	UJOR	UJC-56	-	-	-	JOR Karak	-
4378	UJOR	UJC-57	-	-	-	JOR Karak	-
4379	UJOR	UJC-60	-	-	-	JOR Karak	-
4380	UJOR	UJC-61	-	-	-	JOR Karak	-
4381	UJOR	UJC-62	-	-	Kassar-81	JOR Karak	-
4382	UJOR	UJC-63	-	-	81-S4 UJC-62	JOR -	-
4383	UJOR	UJC-65	-	-	Rabba-81	JOR Karak	-
4384	UJOR	UJC-66	-	-	81-S2 UJC-65	JOR -	-
4385	UJOR	UJC-67	-	-	81-S4 UJC-65	JOR -	-
4386	UJOR	UJC-68	-	-	81-S5 UJC-65	JOR -	-
4387	UJOR	UJC-70	-	-	Fakou-81	JOR Karak	-
4388	UJOR	UJC-71	-	-	81-S3 UJC-70	JOR -	-
4389	UJOR	UJC-72	-	-	81-S4 UJC-70	JOR -	-
4390	UJOR	UJC-73	-	-	Shamture	JOR -	-
4391	UJOR	UJC-74	-	-	81-S4 UJC-73	JOR -	-
4392	UJOR	UJC-75	-	-	-	JOR Irbid	-
4393	UJOR	UJC-76	-	-	-	JOR Irbid	-
4394	UJOR	UJC-77	-	-	-	JOR Irbid	-
4395	UJOR	UJC-78	-	-	-	JOR Irbid	-
4396	UJOR	UJC-79	-	-	-	JOR Irbid	-
4397	UJOR	UJC-80	-	-	-	JOR Irbid	-
4398	UJOR	UJC-81	-	-	Soum-81	JOR Irbid	-
4399	UJOR	UJC-82	-	-	Wasfeih	JOR Irbid	-
4400	UJOR	UJC-83	-	-	81-S4 UJC-82	JOR Irbid	-

ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM	
4401	UJOR	UJC-84	-	-	Sammer-81	JOR -	-
4402	UJOR	UJC-85	-	-	81-S3 UJC-84	JOR -	-
4403	UJOR	UJC-86	-	-	81-S5 UJC-84	JOR -	-
4404	UJOR	UJC-89	-	-	81-S3 UJC-87	JOR -	-
4405	UJOR	UJC-90	-	-	81-S4 UJC-87	JOR -	-
4406	UJOR	UJC-91	-	-	81-S5 UJC-87	JOR -	-
4407	UJOR	UJC-92	-	-	Marow(6)-81	JOR Irbid	-
4408	UJOR	UJC-94	-	-	81-S2 UJC-92	JOR -	-
4409	UJOR	UJC-	-	-	MS-181 Marow	JOR Irbid	-
4410	UJOR	UJC-100	-	-	MS-281 Marow	JOR Irbid	-
4411	UJOR	UJC-101	-	-	MS-381 Marow	JOR Irbid	-
4412	UJOR	UJC-102	-	-	MS-481 Marow	JOR Irbid	-
4413	UJOR	UJC-103	-	-	82-S1 UJC-99	JOR Irbid	-
4414	UJOR	UJC-104	-	-	82-S1 UJC-100	JOR -	-
4415	UJOR	UJC-105	-	-	M'Zhaqar-81	JOR Aaman	-
4416	UJOR	UJC-106	-	-	Rabla-81	JOR Karak	-
4417	UJOR	UJC-107	-	-	MS-81 Marow	JOR Irbid	-
4418	-	-	-	-	Landrace	ITA Central Italy	Landrace
4419	-	-	-	-	Calia(Landrace)	ITA Cicily	Cicilian small seeded Landrace
4420	-	-	-	-	Principle(Landrace)	ITA Cicily	Cicilian large seeded Landrace
4421	ICRISAT	ICC 6262	-	-	-	SUN -	-
4422	IPI	WJR-1183	-	-	Dneprovskij-1	SUN Ukrania	-
4423	IPI	WJR-1403	-	-	VJR-32	SUN Krasnodcv	-
4424	IPI	WJR-1502	-	-	Krasnogradskij-213	SUN Ukrania	-
4425	IPI	WJR-1724	-	-	Uzbekistanskij-8	SUN Uzbek	-
4426	IPI	WJR-1725	-	-	Belasemiannij mestnijs	SUN Azerbaijan	-
4427	IPI	WJR-1727	-	-	Miljutinskij-6	SUN Uzbek	-
4428	-	-	ICARDA	KBS/MCS	KBS-MCS-1	ESP Cordoba	S .sd;farmer's field;heavy soil
4429	-	-	ICARDA	KBS/MCS	KBS-MCS-2	ESP Cordoba	S .sd;farmer's field;heavy soil
4430	-	-	ICARDA	KBS/MCS	KBS-MCS-3	ESP Cordoba	S .sd;farmer's field;heavy soil
4431	-	-	ICARDA	KBS/MCS	KBS-MCS-4	ESP Cordoba	S .sd;farmer's field;heavy soil
4432	-	-	ICARDA	KBS/MCS	KBS-MCS-5	ESP Cordoba	S .sd;farmer's field;heavy soil
4433	-	-	ICARDA	KBS/MCS	KBS-MCS-6	ESP Cordoba	S .sd;farmer's field;heavy soil
4434	-	-	ICARDA	KBS/MCS	KBS-MCS-7	ESP Cordoba	S .sd;farmer's field;heavy soil
4435	-	-	ICARDA	KBS/MCS	KBS-MCS-8	ESP Cordoba	S .sd;farmer's field;heavy soil
4436	-	-	ICARDA	KBS/MCS	KBS-MCS-9	ESP Cordoba	L.seeded Chickpea;field coll.
4437	-	-	ICARDA	KBS/MCS	KBS-MCS-10	ESP Cordoba	L.seeded Chickpea;field coll.
4438	-	-	ICARDA	KBS/MCS	KBS-MCS-11	ESP Cordoba	L.seeded Chickpea;field coll.
4439	-	-	ICARDA	KBS/MCS	KBS-MCS-12	ESP Cordoba	L.seeded Chickpea;field coll.
4440	-	-	ICARDA	KBS/MCS	KBS-MCS-13	ESP Cordoba	L.seeded Chickpea;field coll.

ILC DOOR	DONOR	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
4441	-	ICARDA	KBS/MCS	KBS-MCS-14	ESP Cordoba	L.seeded Chickpea;field coll.
4442	-	ICARDA	KBS/MCS	KBS-MCS-15	ESP Cordoba	L.seeded Chickpea;field coll.
4443	-	ICARDA	KBS/MCS	KBS-MCS-16	ESP Cordoba	L.seeded Chickpea;field coll.
4444	-	ICARDA	KBS/MCS	KBS-MCS-17	ESP Cordoba	L.seeded Chickpea;field coll.
4445	-	ICARDA	KBS/MCS	KBS-MCS-18	ESP Cordoba	L.seeded Chickpea;field coll.
4446	-	ICARDA	KBS/MCS	KBS-MCS-19	ESP CRRDABO	L.seeded Chickpea;field coll.
4447	-	ICARDA	KBS/MCS	KBS-MCS-20	ESP Cordoba	L.seeded Chickpea;field coll.
4448	-	ICARDA	KBS/MCS	KBS-MCS-21	ESP Cordoba	L.seeded Chickpea;field coll.
4449	-	ICARDA	KBS/MCS	KBS-MCS-22	ESP Cordoba	L.seeded Chickpea;field coll.
4450	-	ICARDA	KBS/MCS	KBS-MCS-23	ESP Cordoba	L.seeded Chickpea;field coll.
4451	-	ICARDA	KBS/MCS	KBS-MCS-24	ESP Cordoba	L.seeded Chickpea;field coll.
4452	-	ICARDA	KBS/MCS	KBS-MCS-25	ESP Cordoba	L.seeded Chickpea;field coll.
4453	-	ICARDA	KBS/MCS	KBS-MCS-26	ESP Cordoba	L.seeded Chickpea;field coll.
4454	-	ICARDA	KBS/MCS	KBS-MCS-27	ESP Torozos;Valledolid	Collection from Mr. Monte Rocio
4455	-	ICARDA	KBS/MCS	KBS-MCS-28	ITA S.Apollinave	Local Chickpea
4456	-	ICARDA	KBS/MCS	KBS-MCS-29	ITA Rome	Local Chickpea from cooperative
4457	INIACOR No.Rto. 2.209	-	-	C.A. 2.209	ESP Jaen	-
4458	INIACOR No.Rto. 2.210	-	-	C.A. 2.210	ESP Zamora	-
4459	INIACOR No.Rto. 2.211	-	-	C.A. 2.211	ESP Sevilla	-
4460	INIACOR No.Rto. 2.212	-	-	C.A. 2.212	ESP Sevilla	-
4461	INIACOR No.Rto. 2.213	-	-	C.A. 2.213	ESP Sevilla	-
4462	INIACOR No.Rto. 2.214	-	-	C.A. 2.214	ESP Sevilla	-
4463	INIACOR No.Rto. 2.215	-	-	C.A. 2.215	ESP Sevilla	-
4464	INIACOR No.Rto. 2.216	-	-	C.A. 2.216	ESP Cordoba	-
4465	INIACOR No.Rto. 2.217	-	-	C.A. 2.217	ESP Carmona;Sevilla	-
4466	INIACOR No.Rto. 2.218	-	-	C.A. 2.218	ESP Mairena;Sevilla	-
4467	-	ICARDA	KBS	KBS-30	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4468	-	ICARDA	KBS	KBS-31	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4469	-	ICARDA	KBS	KBS-32	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4470	-	ICARDA	KBS	KBS-33	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4471	-	ICARDA	KBS	KBS-34	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4472	-	ICARDA	KBS	KBS-35	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4473	-	ICARDA	KBS	KBS-36	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4474	-	ICARDA	KBS	KBS-37	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4475	-	ICARDA	KBS	KBS-38	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4476	-	ICARDA	KBS	KBS-39	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4477	-	ICARDA	KBS	KBS-40	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4478	-	ICARDA	KBS	KBS-41	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4479	-	ICARDA	KBS	KBS-42	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4480	-	ICARDA	KBS	KBS-43	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.



ILC DOOR	DONO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
4481 -	-	ICARDA	KBS	KBS-44	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4482 -	-	ICARDA	KBS	KBS-45	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4483 -	-	ICARDA	KBS	KBS-46	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4484 -	-	ICARDA	KBS	KBS-47	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4485 -	-	ICARDA	KBS	KBS-48	SYR Aleppo	Marash ;25km by Aleppo-Afrin rd
4486 -	-	ICARDA	KBS	KBS-49	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4487 -	-	ICARDA	KBS	KBS-50	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4488 -	-	ICARDA	KBS	KBS-51	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4489 -	-	ICARDA	KBS	KBS-52	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4490 -	-	ICARDA	KBS	KBS-53	SYR Aleppo	Marash;25km by Aleppo-Afrin rd.
4491 -	-	ICARDA	KBS	KBS-54	SYR Idlib	Marash;25km by Aleppo-Afrin rd.
4492 -	-	ICARDA	KBS	KBS-55	SYR Idlib	Marash;25km by Aleppo-Afrin rd.
4493 -	-	ICARDA	KBS	KBS-56	SYR Idlib	Marash;25km by Aleppo-Afrin rd.
5342 -	-	-	-	-	ITA -	-
5343 -	-	-	-	-	ITA -	-
5344 -	PRT-82-A-42-B	-	-	-	PRT -	-
5345 -	PRT-82-A-62-B	-	-	-	PRT -	-
5346 -	PRT-82-A-66-B	-	-	-	PRT -	-
5347 -	PRT-82-A-70-B	-	-	-	PRT -	-
5348 -	PRT-82-A-83-B	-	-	-	PRT -	-
5349 -	PRT-82-A-92-B	-	-	-	PRT -	-
5350 -	PRT-82-A-108-B	-	-	-	PRT -	-
5351 -	PRT-82-A-140-B	-	-	-	PRT -	-
5352 -	PRT-82-A-149-B	-	-	-	PRT -	-
5353	ICRISAT ICCL 81001	-	-	-	IND -	-
5354	ICRISAT ICCL 81115	-	-	-	IND -	-
5355	ICRISAT ICCL 81126	-	-	-	IND -	-
5356	ICRISAT ICCL 81169	-	-	-	IND -	-
5357	ICA	-	-	-	PER -	-
5358 -	Ga-275-1	-	-	-	MEX -	-
5359 -	Ga-275-2	-	-	-	MEX -	-
5360 -	Ga-275-3	-	-	-	MEX -	-
5361 -	Ga-275-4	-	-	-	MEX -	-
5362 -	Ga-275-5	-	-	-	MEX -	-
5363 -	Ga-276-1	-	-	-	MEX -	-
5364 -	Ga-276-3	-	-	-	MEX -	-
5365 -	Ga-276-4	-	-	-	MEX -	-
5366 -	TAR-BB-6	-	-	-	MEX -	-
5367 -	Garrcias-6	-	-	-	MEX -	-
5368 -	-	-	-	-	MEX -	-

ILC	DOOR	DOHO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
5558	-	ARI 00345	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Larnaca	Kophinou
5559	-	ARI 00352	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	1.500-E-AY M
5560	-	ARI 00353	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	1-W-Kato Moni
5561	-	ARI 00354	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	0.500-W-Kato Moni
5562	-	ARI 00355	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	1.500-NW-Kato Moni
5563	-	ARI 00356	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	0.100-S-Orounda
5564	-	ARI 00357	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	0.200-W-Orounda
5565	-	ARI 00358	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	Peristerona
5566	-	ARI 00359	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	0.500-N-Orounda
5567	-	ARI 00360	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	0.300-NE-Peristerona
5568	-	ARI 00361	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	1.500-E-Astromeritis
5569	-	ARI 00362	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	1.500-E-Astromeritis
5570	-	ARI 00363	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	0.500-S-Astromeritis
5571	-	ARI 00364	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	0.500-S-Astromeritis
5572	-	ARI 00365	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	Koutraphas
5573	-	ARI 00366	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Nicosia	0.500-W-
5574	-	ARI 00370	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Paphos	0.800-S-Timi
5575	-	ARI 00371	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Paphos	1.200-S-Timi
5576	-	ARI 00372	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Paphos	1.200-S-Timi
5577	-	ARI 00374	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Paphos	Khlorakas
5578	-	ARI 00376	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Paphos	2.500-W-Neokhorio
5579	-	ARI 00377	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Paphos	2.500-W-Neokhorio
5580	-	ARI 00378	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Paphos	2.-NE-Neokhorio
5581	-	ARI 00380	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Paphos	0.800-SW-Peristerona
5582	-	ARI 00381	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Paphos	0.500-S-Peristerona
5583	-	ARI 00382	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Paphos	Lysos
5584	-	ARI 00383	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Paphos	Lysos
5585	-	ARI 00384	ARIN/IBPGR/ICARDA	RSM/AD	-	CYP	Paphos	1.500-NW-Lysos
5586	UCCS	UCCS 7.A	UCCS	JCG	-	FRA	-	UCCS;La Batic;Rolland26160La Beguda de Mazeng
5587	UCCS	UCCS 9.C	UCCS	JCG	-	FRA	-	UCCS;La Batic;Rolland26160La Beguda de Mazeng
5588	UCCS	UCCS 54.L.A	UCCS	JCG	-	FRA	-	UCCS;La Batic;Rolland26160La Beguda de Mazeng
5589	UCCS	UCCS 11	UCCS	JCG	-	FRA	-	UCCS;La Batic;Rolland26160La Beguda de Mazeng
5590	UCCS	UCCS 16	UCCS	JCG	-	FRA	-	UCCS;La Batic;Rolland26160La Beguda de Mazeng
5591	-	-	ICARDA/PARC	IP	1030-1	PAK	Sind	Gharoo; 68km from Karachi to Thatta road
5592	-	-	ICARDA/PARC	IP	1030-2	PAK	Sind	Gharoo; 68km from Karachi to Thatta road
5593	-	-	ICARDA/PARC	IP	1032-1	PAK	Sind	Ghulam ullah;15km from Sargroo to Thatta road
5594	-	-	ICARDA/PARC	IP	1033-1	PAK	Sind	Sujawal; 28km from Thatta to Badin road
5595	-	-	ICARDA/PARC	IP	1033-2	PAK	Sind	Sujawal; 28km from Thatta to Badin road
5596	-	-	ICARDA/PARC	IP	1038-3	PAK	Sind	Kot pir Misrishah;3km Tando Bago-Haiderabad
5597	-	-	ICARDA/PARC	IP	1039-1	PAK	Sind	Talhar on road Tando Buga to Haiderabad

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TCWN	LOC/REM
5598	-	-	ICARDA/PARC	IP	1040-4	PAK Sind		Aman Khan Jagshi;on Badin-Haiderabad
5599	-	-	ICARDA/PARC	IP	1040-5	PAK Sind		Aman Khan Jagshi;on Badin-Haiderabad
5600	-	-	ICARDA/PARC	IP	1041-1	PAK Sind		Haiderabad
5601	-	-	ICARDA/PARC	IP	1041-2	PAK Sind		Haiderabad
5602	-	-	ICARDA/PARC	IP	1041-3	PAK Sind		Haiderabad
5603	-	-	ICARDA/PARC	IP	1041-4	PAK Sind		Haiderabad
5604	-	-	ICARDA/PARC	IP	1041-5	PAK Sind		Haiderabad
5605	-	-	ICARDA/PARC	IP	1041-6	PAK Sind		Haiderabad
5606	-	-	ICARDA/PARC	IP	1041-9	PAK Sind		Haiderabad
5607	-	-	ICARDA/PARC	IP	1042-1	PAK Sind		Tando Allahyar;38km Haiderabad-Mirpurkhas
5608	-	-	ICARDA/PARC	IP	1042-2	PAK Sind		Tando Allahyar;38km Haiderabad-Mirpurkhas
5609	-	-	ICARDA/PARC	IP	1042-3	PAK Sind		Tando Allahyar;38km Haiderabad-Mirpurkhas
5610	-	-	ICARDA/PARC	IP	1043-1	PAK Sind		Mirpurkhas
5611	-	-	ICARDA/PARC	IP	1043-2	PAK Sind		Mirpurkhas
5612	-	-	ICARDA/PARC	IP	1043-3	PAK Sind		Mirpurkhas
5613	-	-	ICARDA/PARC	IP	1043-4	PAK Sind		Mirpurkhas
5614	-	-	ICARDA/PARC	IP	1045-1	PAK Sind		Khipro
5615	-	-	ICARDA/PARC	IP	1046-1	PAK Sind		Sanghar
5616	-	-	ICARDA/PARC	IP	1046-2	PAK Sind		Sanghar
5617	-	-	ICARDA/PARC	IP	1047-1	PAK Sind		Shahdadpur
5618	-	-	ICARDA/PARC	IP	1048-1	PAK Sind		Kothi Quazi; 8km from Shahdadpur to Hala
5619	-	-	ICARDA/PARC	IP	1048-2	PAK Sind		Kothi Quazi; 8km from Shahdadpur to Hala
5620	-	-	ICARDA/PARC	IP	1049-1	PAK Sind		M.Ali Sangrasi;5km off Haiderabad-Hala road
5621	-	-	ICARDA/PARC	IP	1049-2	PAK Sind		M.Ali Sangrasi;5km off Haiderabad-Hala road
5622	-	-	ICARDA/PARC	IP	1050-1	PAK Sind		Hala
5623	-	-	ICARDA/PARC	IP	1051-1	PAK Sind		H.Nazir Rahoo;5km off Hala-Sarkandkand road
5624	-	-	ICARDA/PARC	IP	1051-2	PAK Sind		H.Nazir Rahoo;5km off Hala-Sarkandkand road
5625	-	-	ICARDA/PARC	IP	1052-1	PAK Sind		Sakrand on Haiderabad-Multan road
5626	-	-	ICARDA/PARC	IP	1052-2	PAK Sind		Sakrand on Haiderabad-Multan road
5627	-	-	ICARDA/PARC	IP	1052-3	PAK Sind		Sakrand on Haiderabad-Multan road
5628	-	-	ICARDA/PARC	IP	1052-4	PAK Sind		Sakrand on Haiderabad-Multan road
5629	-	-	ICARDA/PARC	IP	1052-5	PAK Sind		Sakrand on Haiderabad-Multan road
5630	-	-	ICARDA/PARC	IP	1053	PAK Sind		Haji Mehrab; 25km after Sakrand
5631	-	-	ICARDA/PARC	IP	1054-1	PAK Sind		Nawab Shah; 21km from Sakrand
5632	-	-	ICARDA/PARC	IP	1054-2	PAK Sind		Nawab Shah; 21km from Sakrand
5633	-	-	ICARDA/PARC	IP	1054-3	PAK Sind		Nawab Shah; 21km from Sakrand
5634	-	-	ICARDA/PARC	IP	1054-4	PAK Sind		Nawab Shah; 21km from Sakrand
5635	-	-	ICARDA/PARC	IP	1056-1	PAK Sind		Bachalpur; 12km from Sarkari Khoh
5636	-	-	ICARDA/PARC	IP	1057-1	PAK Sind		Daulapur;22km to Moro on Sakrand-Moro road
5637	-	-	ICARDA/PARC	IP	1057-2	PAK Sind		Daulapur;22km to Moro on Sakrand-Moro road

ILC DOOR DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
5638 - -	ICARDA/PARC	IP	1059-1	PAK Sind		Kacharo;5km Bankacha road towards river bank
5639 - -	ICARDA/PARC	IP	1060-1	PAK Sind		Moro
5640 - -	ICARDA/PARC	IP	1060-2	PAK Sind		Moro
5641 - -	ICARDA/PARC	IP	1060-3	PAK Sind		Moro
5642 - -	ICARDA/PARC	IP	1061-1	PAK Sind		2km after Moro-Dadu bridge
5643 - -	ICARDA/PARC	IP	1061-2	PAK Sind		2km after Moro-Dadu bridge
5644 - -	ICARDA/PARC	IP	1062-1	PAK Sind		Dadu west of Indus
5645 - -	ICARDA/PARC	IP	1062-2	PAK Sind		Dadu west of Indus
5646 - -	ICARDA/PARC	IP	1062-3	PAK Sind		Dadu west of Indus
5647 - -	ICARDA/PARC	IP	1062-4	PAK Sind		Dadu west of Indus
5648 - -	ICARDA/PARC	IP	1062-5	PAK Sind		Dadu west of Indus
5649 - -	ICARDA/PARC	IP	1063	PAK Sind		Bhan Seydabad;25km from Dadu to Sehwan Sharif
5650 - -	ICARDA/PARC	IP	1064-1	PAK Sind		Sehwan Sharif
5651 - -	ICARDA/PARC	IP	1064-2	PAK Sind		Sehwan Sharif
5652 - -	ICARDA/PARC	IP	1064-3	PAK Sind		Sehwan Sharif
5653 - -	ICARDA/PARC	IP	1065-1	PAK Sind		Sher Mohd Dawtch;20km off Dadu-Larkana road
5654 - -	ICARDA/PARC	IP	1067-1	PAK Sind		NathanShah; 27km from Dadu to Larkana
5655 - -	ICARDA/PARC	IP	1067-2	PAK Sind		NathanShah; 47km from Dadu to Larkana
5656 - -	ICARDA/PARC	IP	1068	PAK Sind		Thalri Mohabat;on Nathanshah-Radhan road
5657 - -	ICARDA/PARC	IP	1069	PAK Sind		Osman Kalora;on Radhan-Mohenjo daro road
5658 - -	ICARDA/PARC	IP	1070-1	PAK Sind		Dokri; 3km from Mohenjo daro
5659 - -	ICARDA/PARC	IP	1070-2	PAK Sind		Dokri; 3km from Mohenjo daro
5660 - -	ICARDA/PARC	IP	1070-3	PAK Sind		Dokri; 3km from Mohenjo daro
5661 - -	ICARDA/PARC	IP	1071-1	PAK Sind		Larkana
5662 - -	ICARDA/PARC	IP	1071-2	PAK Sind		Larkana
5663 - -	ICARDA/PARC	IP	1071-3	PAK Sind		Larkana
5664 - -	ICARDA/PARC	IP	1071-4	PAK Sind		Larkana
5665 - -	ICARDA/PARC	IP	1071-5	PAK Sind		Larkana
5666 - -	ICARDA/PARC	IP	1071-6	PAK Sind		Larkana
5667 - -	ICARDA/PARC	IP	1071-7	PAK Sind		Larkana
5668 - -	ICARDA/PARC	IP	1071-8	PAK Sind		Larkana
5669 - -	ICARDA/PARC	IP	1071-9	PAK Sind		Larkana
5670 - -	ICARDA/PARC	IP	1071-10	PAK Sind		Larkana
5671 - -	ICARDA/PARC	IP	1071-11	PAK Sind		Larkana
5672 - -	ICARDA/PARC	IP	1071-12	PAK Sind		Larkana
5673 - -	ICARDA/PARC	IP	1072-1	PAK Sind		Ghulam Mohd Norajo;on Ratodero-Sukhar road
5674 - -	ICARDA/PARC	IP	1072-2	PAK Sind		Ghulam Mohd Norajo;on Ratodero-Sukhar road
5675 - -	ICARDA/PARC	IP	1073-1	PAK Sind		Daro Sharit;on Larkana-Sukhan road
5676 - -	ICARDA/PARC	IP	1073-2	PAK Sind		Daro Sharit;on Larkana-Sukhan road
5677 - -	ICARDA/PARC	IP	1074-1	PAK Sind		Multan Khair;14km before Shikarpur

ILC DOOR DOLO	CLCR	COLL	CLNO/PED ORI	PRO/TOWN	LOC/REM
5578 - -	ICARDA/PARC	IP	1074-2	PAK Sind	Multan Khair; 14km before Shikarpur
5679 - -	ICARDA/PARC	IP	1075	PAK Sind	Chandar Got; on Sukhar-Shikarpur road
5680 - -	ICARDA/PARC	IP	1076	PAK Sind	Amanpur; 6km after Shikarpur to Jacobabad
5681 - -	ICARDA/PARC	IP	1079-1	PAK Sind	Pauhar-jacobabad; 2km before Jacobabad
5682 - -	ICARDA/PARC	IP	1079-2	PAK Sind	Pauhar-jacobabad; 2km before Jacobabad
5683 - -	ICARDA/PARC	IP	1081-1	PAK Sind	Kulachi; on Shikarpur-Sukhan road
5684 - -	ICARDA/PARC	IP	1081-2	PAK Sind	Kulachi; on Shikarpur-Sukhan road
5685 - -	ICARDA/PARC	IP	1082-1	PAK Sind	Samara Got; on Shikarpur-Sikhar road
5686 - -	ICARDA/PARC	IP	1082-2	PAK Sind	Samara Got; on Shikarpur-Sikhar road
5687 - -	ICARDA/PARC	IP	1083-1	PAK Sind	Jatoi Khalkeno; 25km from Sukhan to Multan
5688 - -	ICARDA/PARC	IP	1083-2	PAK Sind	Jatoi Khalkeno; 25km from Sukhan to Multan
5689 - -	ICARDA/PARC	IP	1083-3	PAK Sind	Jatoi Khalkeno; 25km from Sukhan to Multan
5690 - -	ICARDA/PARC	IP	1084	PAK Sind	Sihala; on main Kusachi-Multan road
5691 - -	ICARDA/PARC	IP	1085-1	PAK Sind	Rustam Khan Kurai; 10km before Getki
5692 - -	ICARDA/PARC	IP	1086	PAK Sind	Lal Din Goth; 4km before Mirpur Mathelo
5693 - -	ICARDA/PARC	IP	1087-1	PAK Sind	Mirpur Mathelo on Multan-Sukhar main road
5694 - -	ICARDA/PARC	IP	1088	PAK Sind	Baga Bhutla; 11km after Mirpur Mathelo
5695 - -	ICARDA/PARC	IP	1089-1	PAK Sind	Ubauro on main road Rohir-Multan
5696 - -	ICARDA/PARC	IP	1090-1	PAK Punjab	Mauza Villanara-Chak Andri
5697 - -	ICARDA/PARC	IP	1091-1	PAK Punjab	Rahim Yarkhan on main road Karachi-Multan
5698 - -	ICARDA/PARC	IP	1091-2	PAK Punjab	Rahim Yarkhan on main road Karachi-Multan
5699 - -	ICARDA/PARC	IP	1091-3	PAK Punjab	Rahim Yarkhan on main road Karachi-Multan
5700 - -	ICARDA/PARC	IP	1093-1	PAK Punjab	Khanpur
5701 - -	ICARDA/PARC	IP	1093-2	PAK Punjab	Khanpur
5702 - -	ICARDA/PARC	IP	1095-1	PAK Punjab	Rashidabad main Karachi-Multan road
5703 - -	ICARDA/PARC	IP	1095-2	PAK Punjab	Rashidabad main Karachi-Multan road
5704 - -	ICARDA/PARC	IP	1096-1	PAK Punjab	Trinda; 1km from main Lahre-Karachi road
5705 - -	ICARDA/PARC	IP	1096-2	PAK Punjab	Trinda; 1km from main Lahre-Karachi road
5706 - -	ICARDA/PARC	IP	1098-1	PAK Punjab	Shehrsultan; 58km on Alipur-Muzaffargarh road
5707 - -	ICARDA/PARC	IP	1098-2	PAK Punjab	Shehrsultan; 58km on Alipur-Muzaffargarh road
5708 - -	ICARDA/PARC	IP	1099-1	PAK Punjab	Multan
5709 - -	ICARDA/PARC	IP	1099-2	PAK Punjab	Multan
5710 - -	ICARDA/PARC	IP	1099-4	PAK Punjab	Multan
5711 - -	ICARDA/PARC	IP	1099-5	PAK Punjab	Multan
5712 - -	ICARDA/PARC	IP	1099-6	PAK Punjab	Multan
5713 - -	ICARDA/PARC	IP	1099-7	PAK Punjab	Multan
5714 - -	ICARDA/PARC	IP	1102-2	PAK Punjab	Khoh Dalbahara-Mzakanpur Shemali
5715 - -	ICARDA/PARC	IP	1107-1	PAK Punjab	Rangpur on Muzaffargarh-Jhany road
5716 - -	ICARDA/PARC	IP	1109-1	PAK Punjab	Chauk Munda on main Muzaffargarh-Wali road
5717 - -	ICARDA/PARC	IP	1109-2	PAK Punjab	Chauk Munda on main Muzaffargarh-Wali road

ILC DOOR DORO	CLOR	COLL	CLNO/PED ORI	PRO/TOWN	LOC/REM
5718 - -	ICARDA/PARC	IP	1109-3	PAK Punjab	Chauk Munda on main Muzaffargarh-Wali road
5719 - -	ICARDA/PARC	IP	1113	PAK Punjab	Chak 228; 7km after Fatehpur
5720 - -	ICARDA/PARC	IP	1114-2	PAK Punjab	Asitpul on the road Fatehpur-B
5721 - -	ICARDA/PARC	IP	1114-3	PAK Punjab	Asitpul on the road Fatehpur-B
5722 - -	ICARDA/PARC	IP	1117-1	PAK Punjab	Dagar Koti Khoh Haji-Saif velah
5723 - -	ICARDA/PARC	IP	1117-2	PAK Punjab	Dagar Koti Khoh Haji-Saif velah
5724 - -	ICARDA/PARC	IP	1118-7	PAK Punjab	Sukkran Chaudry Wala; 6km before Mankera
5725 - -	ICARDA/PARC	IP	1118-4	PAK Punjab	Sukkran Chaudry Wala; 6km before Mankera
5726 - -	ICARDA/PARC	IP	1120-1	PAK Punjab	Lati Balandi Rukan Din Muhajer
5727 - -	ICARDA/PARC	IP	1120-2	PAK Punjab	Lati Balandi Rukan Din Muhajer
5728 - -	ICARDA/PARC	IP	1121-1	PAK Punjab	Pirshah Wala Khoh; 10km before Nawa Kot
5729 - -	ICARDA/PARC	IP	1122-1	PAK Punjab	Nawar Kot on Manken-Chanbar Path-Way
5730 - -	ICARDA/PARC	IP	1122-2	PAK Punjab	Nawar Kot on Manken-Chanbar Path-Way
5731 - -	ICARDA/PARC	IP	1122-3-B	PAK Punjab	Nawar Kot on Manken-Chanbar Path-Way
5732 - -	ICARDA/PARC	IP	1122-4	PAK Punjab	Nawar Kot on Manken-Chanbar Path-Way
5733 - -	ICARDA/PARC	IP	1123-1	PAK Punjab	Manghi Wala Mankera-Chaubara road
5734 - -	ICARDA/PARC	IP	1124-3	PAK Punjab	Bhogay Wala; 1km off Adala Latit Abad
5735 - -	ICARDA/PARC	IP	1125-1	PAK Punjab	Shah Wala; 3km before Haidarabad
5736 - -	ICARDA/PARC	IP	1125-3	PAK Punjab	Shah Wala; 3km before Haidarabad
5737 - -	ICARDA/PARC	IP	1125-4	PAK Punjab	Shah Wala; 3km before Haidarabad
5738 - -	ICARDA/PARC	IP	1126-1	PAK Punjab	Chak 16 Dala Taba; 5km from Haidarabad
5739 - -	ICARDA/PARC	IP	1127-1	PAK Punjab	Kirar Wala nr. Kucha Trach
5740 - -	ICARDA/PARC	IP	1127-2	PAK Punjab	Kirar Wala nr. Kucha Trach
5741 - -	ICARDA/PARC	IP	1127-3	PAK Punjab	Kirar Wala nr. Kucha Trach
5742 - -	ICARDA/PARC	IP	1127-4	PAK Punjab	Kirar Wala nr. Kucha Trach
5743 - -	ICARDA/PARC	IP	1128-1	PAK Punjab	Karlu Wala before Guaber Wala Truck
5744 - -	ICARDA/PARC	IP	1129-1	PAK Punjab	Dhalandi wasti on Truck to Gauhar Wala
5745 - -	ICARDA/PARC	IP	1129-3	PAK Punjab	Dhalandi wasti on Truck to Gauhar Wala
5746 - -	ICARDA/PARC	IP	1130-2	PAK Punjab	Tau Warion Wala; near Gan Kar Wala road
5747 - -	ICARDA/PARC	IP	1131-1	PAK Punjab	Gauhar Wala
5748 - -	ICARDA/PARC	IP	1131-2	PAK Punjab	Gauhar Wala
5749 - -	ICARDA/PARC	IP	1131-3	PAK Punjab	Gauhar Wala
5750 - -	ICARDA/PARC	IP	1131-6	PAK Punjab	Gauhar Wala
5751 - -	ICARDA/PARC	IP	1131-7	PAK Punjab	Gauhar Wala
5752 - -	ICARDA/PARC	IP	1131-8	PAK Punjab	Gauhar Wala
5753 - -	ICARDA/PARC	IP	1132-2	PAK Punjab	Tot Sherzaman; on road to Mankera
5754 - -	ICARDA/PARC	IP	1133-1	PAK Punjab	Kapahi; 15km from Gauhen Wala to Nurpur
5755 - -	ICARDA/PARC	IP	1134-1	PAK Punjab	Maken on Path to Nurpur
5756 - -	ICARDA/PARC	IP	1134-2	PAK Punjab	Maken on Path to Nurpur
5757 - -	ICARDA/PARC	IP	1134-4	PAK Punjab	Maken on Path to Nurpur

IIC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
5758	-	-	ICARDA/PARC	IP	1135-1	PAK	Punjab	Jherkil
5759	-	-	ICARDA/PARC	IP	1135-2	PAK	Punjab	Jherkil
5760	-	-	ICARDA/PARC	IP	1135-3	PAK	Punjab	Jherkil
5761	-	-	ICARDA/PARC	IP	1136-1	PAK	Punjab	Nurpur
5762	-	-	ICARDA/PARC	IP	1136-2	PAK	Punjab	Nurpur
5763	-	-	ICARDA/PARC	IP	1136-3	PAK	Punjab	Nurpur
5764	-	-	ICARDA/PARC	IP	1137-2	PAK	Punjab	Rangpur
5765	-	-	ICARDA/PARC	IP	1137-3	PAK	Punjab	Rangpur
5766	-	-	ICARDA/PARC	IP	1138-1	PAK	Punjab	Mian Wali
5767	-	-	ICARDA/PARC	IP	1138-2	PAK	Punjab	Mian Wali
5768	-	-	ICARDA/PARC	IP	1138-3	PAK	Punjab	Mian Wali
5769	-	-	ICARDA/PARC	IP	1138-4	PAK	Punjab	Mian Wali
5770	-	-	ICARDA/PARC	IP	1138-5	PAK	Punjab	Mian Wali
5771	-	-	ICARDA/PARC	IP	1138-6	PAK	Punjab	Mian Wali
5772	-	-	ICARDA/PARC	IP	1139-2	PAK	Punjab	Bilal-abad
5773	-	-	ICARDA/PARC	IP	1144-1	PAK	Punjab	Kotsavan;Dho Klindi;cn Talagany-Khor road
5774	-	-	ICARDA/PARC	IP	1145-1	PAK	Punjab	Dahrna;on Fateh Jhng-Talagany road
5775	-	-	ICARDA/PARC	IP	1147-1	PAK	Punjab	Khore
5776	-	-	ICARDA/PARC	IP	1147-2	PAK	Punjab	Khore
5777	-	-	ICARDA/PARC	IP	1148-1	PAK	Punjab	Dhon Pathan;42km from Swaan Rireri bridge
5778	-	-	ICARDA/PARC	IP	1148-2	PAK	Punjab	Dhon Pathan;42km from Swaan Rireri bridge
5779	-	-	ICARDA/PARC	IP	1149-1	PAK	Punjab	Kot Sarang; 5km before Talagany
5780	-	-	ARARI/USDA/ICARDA	LH	LH 001	TUR	Nevsehir	4km after Urgup to Nevsehir
5781	-	-	ARARI/USDA/ICARDA	LH	LH 002	TUR	Nevsehir	2km Goreme from Urgup
5782	-	-	ARARI/USDA/ICARDA	LH	LH 004	TUR	Nevsehir	51km to Aksaray from Nevsehir
5783	-	-	ARARI/USDA/ICARDA	LH	LH 006	TUR	Nevsehir	48km to Aksaray from Nevsehir
5784	-	-	ARARI/USDA/ICARDA	LH	LH 008	TUR	Nigde	Yalaman; 43km to Aksaray from Nevsehir
5785	-	-	ARARI/USDA/ICARDA	LH	LH 009	TUR	Nigde	Yalaman; 43km to Aksaray from Nevsehir
5786	-	-	ARARI/USDA/ICARDA	LH	LH 010	TUR	Nigde	Yalaman; 43km to Aksaray from Nevsehir
5787	-	-	ARARI/USDA/ICARDA	LH	LH 012	TUR	Nigde	38km to Aksaray from Nevsehir
5788	-	-	ARARI/USDA/ICARDA	LH	LH 015	TUR	Nigde	32km to Aksaray from Nevsehir
5789	-	-	ARARI/USDA/ICARDA	LH	LH 017	TUR	Nigde	6km to Aksaray from Nevsehir
5790	-	-	ARARI/USDA/ICARDA	LH	LH 021	TUR	Konya	48km to Beysehir from Konya; Bagorcik
5791	-	-	ARARI/USDA/ICARDA	LH	LH 022	TUR	Konya	30km to Beysehir from Konya nr. Cukuragil
5792	-	-	ARARI/USDA/ICARDA	LH	LH 023	TUR	Konya	24km to Beysehir from Konya
5793	-	-	ARARI/USDA/ICARDA	LH	LH 024	TUR	Konya	14km to Beysehir from Konya
5794	-	-	ARARI/USDA/ICARDA	LH	LH 025	TUR	Konya	18km to Beysehir from Konya; Doganbey village
5795	-	-	ARARI/USDA/ICARDA	LH	LH 026	TUR	Konya	18km to Beysehir from Konya; Doganbey village
5796	-	-	ARARI/USDA/ICARDA	LH	LH 027	TUR	Konya	32km to Seydisehir from Beysehir
5797	-	-	ARARI/USDA/ICARDA	LH	LH 028	TUR	Konya	22km to Seydisehir from Beysehir

ILC DOOR DENO	CLOP	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
5798 - -	ARARI/USDA/ICARDA	LH	LH 029	TUR	Konya	10km after Seydisehir to Konya nr. Gerekli
5799 - -	ARARI/USDA/ICARDA	LH	LH 033	TUR	Konya	25km after Seydisehir to Konya
5800 - -	ARARI/USDA/ICARDA	LH	LH 034	TUR	Konya	67km to Cihanbeyli from Konya
5801 - -	ARARI/USDA/ICARDA	LH	LH 038	TUR	Ankara	28km Serefli Kochoisar from Ankara
5802 - -	ARARI/USDA/ICARDA	LH	LH 043	TUR	Ankara	7km to Hirfanli dam Kuyular village
5803 - -	ARARI/USDA/ICARDA	LH	LH 044	TUR	Kirsehir	12km to Kaman from Hirfanli
5804 - -	ARARI/USDA/ICARDA	LH	LH 047	TUR	Kirsehir	14km after Meryem Kasi village to Baraj
5805 - -	ARARI/USDA/ICARDA	LH	LH 049	TUR	Kirsehir	Daricik village
5806 - -	ARARI/USDA/ICARDA	LH	LH 050	TUR	Kirsehir	16km to Kirsehir; Kizilca village
5807 - -	ARARI/USDA/ICARDA	LH	LH 054	TUR	Kirsehir	14km to Cicekdaqi from road separate Kirsehir
5808 - -	ARARI/USDA/ICARDA	LH	LH 056	TUR	Yozgat	6km to Sorgum on the road to Sivas
5809 - -	ARARI/USDA/ICARDA	LH	LH 071	TUR	Amasya	24km after Merzifon to corum Kizileyrek
5810 - -	ARARI/USDA/ICARDA	LH	LH 073	TUR	Amasya	32km after Merzifon to corum Yesiltepe
5811 - -	ARARI/USDA/ICARDA	LH	LH 084	TUR	Corum	31km to Bayat from road separate of Cankiri
5812 - -	ARARI/USDA/ICARDA	LH	LH 086	TUR	Corum	7km to Bayat from road separate of Cankiri
5813 - -	ARARI/USDA/ICARDA	LH	LH 088	TUR	Cankiri	3km att.rd.separate of Kizilirmak-Cankiri
5814 - -	ARARI/USDA/ICARDA	LH	LH 089	TUR	Ankara	23km to Kalecik from Cankiri
5815 - -	ARARI/USDA/ICARDA	LH	LH 096	TUR	Eskisehir	14km to Sivrihisar from Ankara
5816 - -	ARARI/USDA/ICARDA	LH	LH 092	TUR	Eskisehir	Sivrihisar;at the road junction to Afyon
5817 - -	ARARI/USDA/ICARDA	LH	LH 110	TUR	Afyon	6km to Andin from Dinar
5818 - -	ARARI/USDA/ICARDA	LH	LH 112	TUR	Afyon	21km after Dinar to Afyon
5819 - -	ARARI/USDA/ICARDA	LH	LH 114	TUR	Afyon	Kiziloren; nr. Sandikli
5820 - -	ARARI/USDA/ICARDA	LH	LH 115	TUR	Afyon	Kiziloren; nr. Sandikli
5821 - -	ARARI/USDA/ICARDA	LH	LH 118	TUR	Afyon	Kiziloren; nr. Sandikli
5822 - -	ARARI/USDA/ICARDA	LH	LH 119	TUR	Afyon	Ekinova; nr. Sandikli
5823 - -	ARARI/USDA/ICARDA	LH	LH 121	TUR	Afyon	Ekinova; nr. Sandikli
5824 - -	ARARI/USDA/ICARDA	LH	LH 122	TUR	Afyon	Dogansu; nr. Sandikli
5825 - -	ARARI/USDA/ICARDA	LH	LH 123	TUR	Afyon	Dogansu; nr. Sandikli
5826 - -	ARARI/USDA/ICARDA	LH	LH 124	TUR	Afyon	Donbayova; 18km North of Dinar
5827 - -	ARARI/USDA/ICARDA	LH	LH 126	TUR	Afyon	20km from Dinar to Isparta
5828 - -	ARARI/USDA/ICARDA	LH	LH 129	TUR	Afyon	20km from Dinar to Isparta
5829 - -	ARARI/USDA/ICARDA	LH	LH 133	TUR	Afyon	6km after Dinar to Isparta
5830 - -	ARARI/USDA/ICARDA	LH	LH 135	TUR	Afyon	6km after Dinar to Isparta
5831 - -	ARARI/USDA/ICARDA	LH	LH 138	TUR	Isparta	Gumus Gun village
5832 - -	ARARI/USDA/ICARDA	LH	LH 140	TUR	Isparta	13km to Isparta from Dinar
5833 - -	ARARI/USDA/ICARDA	LH	LH 143	TUR	Burdur	20km after Isparta to Antalya
5834 - -	ARARI/USDA/ICARDA	LH	LH 144	TUR	Burdur	31km after Isparta to Antalya
5835 - -	ARARI/USDA/ICARDA	LH	LH 146	TUR	Burdur	16km after Aglosun to Bucak
5836 - -	ARARI/USDA/ICARDA	LH	LH 147	TUR	Burdur	12km to Burdur from Isparta
5837 - -	ARARI/USDA/ICARDA	LH	LH 148	TUR	Burdur	24km after Burdur to Yesilove



ILC	DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWNS	LOC/REM
5838	-	-	ARARI/USDA/ICARDA	LH	LH 149	TUR	Burdur	Nr.rd.separate of Burdur-Antalya to Yesilove
5839	-	-	ARARI/USDA/ICARDA	LH	LH 150	TUR	Burdur	Caltak village
5840	-	-	ARARI/USDA/ICARDA	LH	LH 152	TUR	Burdur	Guney village; 33km to Acipayam from Yesilove
5841	-	-	ARARI/USDA/ICARDA	LH	LH 153	TUR	Denizli	24km to Acipayam from Yesilove;Karahoyuk
5842	-	-	ARARI/USDA/ICARDA	LH	LH 155	TUR	Denizli	24km to Acipayam from Yesilove;Karahoyuk
5843	-	-	ARARI/USDA/ICARDA	LH	LH 156	TUR	Denizli	Apakoy village
5844	-	-	ARARI/USDA/ICARDA	LH	LH 158	TUR	Denizli	Apakoy village
5845	-	-	ARARI/USDA/ICARDA	LH	LH 161	TUR	Denizli	3km after State farm to Acipayam
5846	-	-	ARARI/USDA/ICARDA	LH	LH 162	TUR	Denizli	3km after State farm to Acipayam
5847	-	-	ARARI/USDA/ICARDA	LH	LH 163	TUR	Denizli	3km after State farm to Acipayam
5848	-	-	ARARI/USDA/ICARDA	LH	LH 164	TUR	Denizli	Akyar village
5849	-	-	ARARI/USDA/ICARDA	LH	LH 165	TUR	Denizli	Akyar village
5850	-	-	ARARI/USDA/ICARDA	LH	LE 166	TUR	Denizli	5km after Tavas to Kale
5851	-	-	ARARI/USDA/ICARDA	LH	LH 167	TUR	Denizli	5km after Tavas to Kale
5852	-	-	ARARI/USDA/ICARDA	LH	LH 168	TUR	Denizli	Nr.rd.separate of Acipayam-Denizli to Tavas
5853	-	-	ARARI/USDA/ICARDA	LH	LH 169	TUR	Denizli	10km after road separate from Denizli to Usak
5854	-	-	ARARI/USDA/ICARDA	LH	LH 170	TUR	Denizli	20km after road separate from Denizli to Usak
5855	-	-	ARARI/USDA/ICARDA	LH	LH 171	TUR	Denizli	21km to Civril from Denizli
5856	-	-	ARARI/USDA/ICARDA	LH	LH 172	TUR	Denizli	7km after Civril to Usak
5857	-	-	ARARI/USDA/ICARDA	LH	LH 175	TUR	Usak	4km after Sivasnak from Denizli to Usak
5858	-	-	ARARI/USDA/ICARDA	LH	LH 176	TUR	Usak	19km to Usak from Denizli
5859	-	-	ARARI/USDA/ICARDA	LH	LH 177	TUR	Usak	5km from road separate of Usak to Kutahya
5860	-	-	ARARI/USDA/ICARDA	LH	LH 178	TUR	Usak	12km from road separate of Usak to Kutahya
5861	-	-	ARARI/USDA/ICARDA	LH	LH 179	TUR	Kutahya	Yenikoy village; between Usak and Kutahya
5862	-	-	ARARI/USDA/ICARDA	LH	LH 180	TUR	Kutahya	Yenikoy village; between Usak and Kutahya
5863	-	-	ARARI/USDA/ICARDA	LH	LH 181	TUR	Kutahya	Yenikoy village; between Usak and Kutahya
5864	-	-	ARARI/USDA/ICARDA	LH	LH 182	TUR	Kutahya	Yenikoy village; between Usak and Kutahya
5865	-	-	ARARI/USDA/ICARDA	LH	LH 183	TUR	Kutahya	Yenikoy village; between Usak and Kutahya
5866	-	-	ARARI/USDA/ICARDA	LH	LH 185	TUR	Kutahya	7km after Gediz to Muratdagi
5867	-	-	ARARI/USDA/ICARDA	LH	LH 186	TUR	Kutahya	65km to Kutahya from Gediz
5868	-	-	ARARI/USDA/ICARDA	LH	LH 187	TUR	Kutahya	65km to Kutahya from Gediz
5869	-	-	ARARI/USDA/ICARDA	LH	LH 192	TUR	Kutahya	Toprak village
5870	-	-	ARARI/USDA/ICARDA	LH	LH 193	TUR	Kutahya	Toprak village
5871	-	-	ARARI/USDA/ICARDA	LH	LH 195	TUR	Eskisehir	15km to Inegol from Kutahya
5872	-	-	ARARI/USDA/ICARDA	LH	LH 196	TUR	Bursa	26km to Bursa from Inegol
5873	-	-	ARARI/USDA/ICARDA	LH	LH 197	TUR	Bursa	16km after Karacabey to Bandirma
5874	-	-	ARARI/USDA/ICARDA	LH	LH 198	TUR	Balikesir	Bizirci village
5875	-	-	ARARI/USDA/ICARDA	LH	LH 199	TUR	Balikesir	Bizirci village
5876	-	-	ARARI/USDA/ICARDA	LH	LH 201	TUR	Balikesir	5km after Gonen to Biga
5877	-	-	ARARI/USDA/ICARDA	LH	LH 206	TUR	Canakkale	Guyemalan village

ILC	DOOR	DONO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
5878	-	-	ARARI/USDA/ICARDA	LH	LH 207	TUR	Canakkale	Guyemalan village
5879	-	-	ARARI/USDA/ICARDA	LH	LH 208	TUR	Canakkale	Goktepe village; nr. Biga
5880	-	-	ARARI/USDA/ICARDA	LH	LH 210	TUR	Canakkale	25km to Lapseki from Biga
5881	-	-	ARARI/USDA/ICARDA	LH	LH 212	TUR	Canakkale	10km to Lapseki from Biga
5882	-	-	ARARI/USDA/ICARDA	LH	LH 213	TUR	Canakkale	Yapildak; after Lapseki to Canakkale
5883	-	-	ARARI/USDA/ICARDA	LH	LH 215	TUR	Canakkale	Edge of Canakkale
5884	-	-	ARARI/USDA/ICARDA	LH	LH 218	TUR	Canakkale	6km after Ezine to Turkmenli
5885	-	-	ARARI/USDA/ICARDA	LH	LH 219	TUR	Canakkale	7km after Ezine to Izmir
5886	-	-	ARARI/USDA/ICARDA	LH	LH 220	TUR	Canakkale	7km after Ezine to Izmir
5887	-	-	ARARI/USDA/ICARDA	LH	LH 224	TUR	Afyon	Afyon market place
5888	-	-	ARARI/USDA/ICARDA	LH	LH 225	TUR	Afyon	Afyon market place
5889	IPI	K-16	-	-	-	SUN	-	-
5890	IPI	K-48	-	-	-	SUN	-	-
5891	IPI	K-49	-	-	-	SUN	-	-
5892	IPI	K-55	-	-	-	SUN	-	-
5893	IPI	K-145	-	-	-	SUN	-	-
5894	IPI	K-165	-	-	-	SUN	-	-
5895	IPI	K-183	-	-	-	SUN	-	-
5896	IPI	K-400	-	-	-	SUN	-	-
5897	IPI	K-583	-	-	-	SUN	-	-
5898	IPI	K-701	-	-	-	SUN	-	-
5899	IPI	K-1068	-	-	-	SUN	-	-
5900	IPI	K-1148	-	-	-	SUN	-	-
5901	IPI	K-1154	-	-	-	SUN	-	-
5902	IPI	K-1171	-	-	-	SUN	-	-
5903	IPI	K-1181	-	-	-	SUN	-	-
5904	IPI	K-1183	-	-	-	SUN	-	-
5905	IPI	K-1188	-	-	-	SUN	-	-
5906	IPI	K-1189	-	-	-	SUN	-	-
5907	IPI	K-1190	-	-	-	SUN	-	-
5908	IPI	K-1203	-	-	-	SUN	-	-
5909	IPI	K-1207	-	-	-	SUN	-	-
5910	IPI	K-1221	-	-	-	SUN	-	-
5911	IPI	K-1222	-	-	-	SUN	-	-
5912	IPI	K-1229	-	-	-	SUN	-	-
5913	IPI	K-1231	-	-	-	SUN	-	-
5914	IPI	K-1238	-	-	-	SUN	-	-
5915	IPI	K-1240	-	-	-	SUN	-	-
5916	IPI	K-1258	-	-	-	SUN	-	-
5917	IPI	K-1269	-	-	-	SUN	-	-

ILC DOOR	DOBO	CLOR	COLL	CLNO/PED	ORI FRO/TOWN	LOC/REM
5918	IPI	K-1286	-	-	SUN	-
5919	IPI	K-1335	-	-	SUN	-
5920	IPI	K-1924	-	-	SUN	-
5921	-	6702	-	-	BGR	-
5922	-	6703	-	-	BGR	-
5923	-	6708	-	-	BGR	-
5924	-	6709	-	-	BGR	-
5925	-	6710	-	-	BGR	-
5926	-	6711	-	-	BGR	-
5927	-	6712	-	-	BGR	-
5928	-	PCH-124	-	-	MAR	-
5929	WRPIS	PI 420907	-	-	JOR	-
5930	WRPIS	PI 420908	-	-	JOR	-
5931	WRPIS	PI 426190	-	-	AFG	-
5932	WRPIS	PI 426191	-	-	AFG	-
5933	WRPIS	PI 426193	-	-	AFG	-
5934	WRPIS	PI 426194	-	-	AFG	-
5935	WRPIS	PI 426195	-	-	AFG	-
5936	WRPIS	PI 426196	-	-	AFG	-
5937	WRPIS	PI 426526	-	-	PAK	-
5938	WRPIS	PI 426527	-	-	PAK	-
5939	WRPIS	PI 426528	-	-	PAK	-
5940	WRPIS	PI 426529	-	-	PAK	-
5941	WRPIS	PI 426530	-	-	PAK	-
2942	WRPIS	PI 426533	-	-	PAK	-
5943	WRPIS	PI 426534	-	-	PAK	-
5944	WRPIS	PI 426535	-	-	PAK	-
5945	WRPIS	PI 426536	-	-	PAK	-
5946	WRPIS	PI 426537	-	-	PAK	-
5947	WRPIS	PI 426538	-	-	PAK	-
5948	WRPIS	PI 426539	-	-	PAK	-
5949	WRPIS	PI 426540	-	-	PAK	-
5950	WRPIS	PI 426543	-	-	PAK	-
5951	WRPIS	PI 426544	-	-	PAK	-
5952	WRPIS	PI 426546	-	-	PAK	-
5953	WRPIS	PI 426547	-	-	PAK	-
5954	WRPIS	PI 426553	-	-	PAK	-
5955	WRPIS	PI 426554	-	-	PAK	-
5956	WRPIS	PI 426561	-	-	PAK	-
5957	WRPIS	PI 426567	-	-	PAK	-

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IIC	DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
5958	WRPIS	PI 426571	-	-	-	PAK	-	-
5959	WRPIS	PI 426578	-	-	-	PAK	-	-
5960	WRPIS	PI 426581	-	-	-	PAK	-	-
5961	WRPIS	PI 426588	-	-	-	PAK	-	-
5962	WRPIS	PI 426590	-	-	-	PAK	-	-
5963	WRPIS	PI 426592	-	-	-	PAK	-	-
5964	WRPIS	PI 426596	-	-	-	PAK	-	-
5965	WRPIS	PI 426598	-	-	-	PAK	-	-
5966	WRPIS	PI 426600	-	-	-	PAK	-	-
5967	WRPIS	PI 426603	-	-	-	PAK	-	-
5968	WRPIS	PI 426606	-	-	-	PAK	-	-
5969	WRPIS	PI 426612	-	-	-	PAK	-	-
5970	WRPIS	PI 426614	-	-	-	PAK	-	-
5971	WRPIS	PI 426616	-	-	-	PAK	-	-
5972	WRPIS	PI 426619	-	-	-	PAK	-	-
5973	WRPIS	PI 426620	-	-	-	PAK	-	-
5974	WRPIS	PI 451656	-	-	-	MAR	-	-
5975	WRPIS	PI 451657	-	-	-	MAR	-	-
5976	WRPIS	PI 451663	-	-	-	PAK	-	-
5977	WRPIS	PI 451664	-	-	-	TUR	-	-
5978	WRPIS	PI 451665	-	-	-	TUR	-	-
5979	WRPIS	PI 451666	-	-	-	TUR	-	-
5980	WRPIS	PI 451667	-	-	-	TUR	-	-
5981	WRPIS	PI 451668	-	-	-	TUR	-	-
5982	WRPIS	PI 451669	-	-	-	TUR	-	-
5983	WRPIS	PI 451670	-	-	-	TUR	-	-
5984	WRPIS	PI 451671	-	-	-	TUR	-	-
5985	WRPIS	PI 451672	-	-	-	TUR	-	-
5986	WRPIS	PI 451673	-	-	-	TUR	-	-
5987	WRPIS	PI 451674	-	-	-	TUR	-	-
5988	WRPIS	PI 451675	-	-	-	TUR	-	-
5989	WRPIS	PI 451676	-	-	-	TUR	-	-
5990	WRPIS	PI 451677	-	-	-	TUR	-	-
5991	WRPIS	PI 451678	-	-	-	TUR	-	-
5992	WRPIS	PI 451679	-	-	-	TUR	-	-
5993	WRPIS	PI 451680	-	-	-	TUR	-	-
5994	WRPIS	PI 451681	-	-	-	TUR	-	-
5995	WRPIS	PI 451682	-	-	-	TUR	-	-
5996	WRPIS	PI 451683	-	-	-	TUR	-	-
5997	WRPIS	PI 451684	-	-	-	TUR	-	-

ILC	DOOR	DOMO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REN
5998	WRPIS	PI 451686	-	-	-	TUR	-	-
5999	WRPIS	PI 451687	-	-	-	TUR	-	-
6000	WRPIS	PI 451688	-	-	-	TUR	-	-
6001	WRPIS	PI 451689	-	-	-	EGY	-	-
6002	WRPIS	PI 458502	-	-	-	MEX	-	-
6003	WRPIS	PI 458611	-	-	-	USA	-	-
6004	WRPIS	PI 459870	-	-	-	USA	-	-
6005	WRPIS	PI 458871	-	-	-	USA	-	-
6006	WRPIS	PI 458872	-	-	-	PAK	-	-
6007	WRPIS	PI 462019	-	-	-	ESP	-	-
6008	WRPIS	PI 462020	-	-	-	ESP	-	-
6009	WRPIS	PI 462021	-	-	-	ESP	-	-
6010	WRPIS	PI 462022	-	-	-	GRC	-	-
6011	WRPIS	PI 462023	-	-	-	TUN	-	-
6012	WRPIS	PI 462024	-	-	-	TUR	-	-
6013	WRPIS	PI 462182	-	-	-	USA	-	-
6014	WRPIS	PI 462183	-	-	-	USA	-	-
6015	WRPIS	PI 462184	-	-	-	USA	-	-
6016	WRPIS	PI 462185	-	-	-	USA	-	-
6017	WRPIS	PI 462187	-	-	-	MEX	-	-
6018	WRPIS	PI 462188	-	-	-	USA	-	-
6019	WRPIS	PI 462189	-	-	-	MAR	-	-
6020	WRPIS	PI 462203	-	-	-	USA	-	-
6021	WRPIS	PI 462205	-	-	-	USA	-	-
6022	WRPIS	PI 468927	-	-	-	MEX	-	-
6023	WRPIS	PI 468928	-	-	-	MEX	-	-
6024	WRPIS	PI 468930	-	-	-	MEX	-	-
6025	WRPIS	PI 468931	-	-	-	MEX	-	-
6026	WRPIS	PI 468932	-	-	-	MEX	-	-
6027	WRPIS	PI 468933	-	-	-	MEX	-	-
6028	WRPIS	PI 468934	-	-	-	MEX	-	-
6029	WRPIS	PI 468935	-	-	-	MEX	-	-
6030	WRPIS	PI 468936	-	-	-	MEX	-	-
6031	WRPIS	PI 468938	-	-	-	MEX	-	-
6032	WRPIS	PI 468939	-	-	-	MEX	-	-
6033	WRPIS	PI 468940	-	-	-	MEX	-	-
6034	WRPIS	PI 468941	-	-	-	MEX	-	-
6035	WRPIS	PI 468942	-	-	-	MEX	-	-
6036	WRPIS	PI 468943	-	-	-	MEX	-	-
6037	WRPIS	PI 468944	-	-	-	MEX	-	-

ILC DOOR	DONO	CLOR	COLL	CLRO/PED	ORI PRO/TOWN	LOC/REM
6038	WRPIS PI 468945	-	-	-	MEX -	-
6039	WRPIS PI 468946	-	-	-	MEX -	-
6040	WRPIS PI 468947	-	-	-	MEX -	-
6041	WRPIS PI 468948	-	-	-	MEX -	-
6042	WRPIS PI 468949	-	-	-	MEX -	-
6043	WRPIS PI 471915	-	-	-	TUN -	-
6044	WRPIS -	-	-	-	USA -	-
6045	WRPIS -	-	-	-	USA -	-
6046	WRPIS -	-	-	-	USA -	-
6047	WRPIS -	-	-	-	USA -	-
6048	WRPIS -	-	-	-	USA -	-
6049	WRPIS -	-	-	-	USA -	-
6050	WRPIS -	-	-	-	USA -	-
6051	WRPIS -	-	-	-	USA -	-
6052	WRPIS -	-	-	-	USA -	-
6053	WRPIS -	-	-	-	USA -	-
6054	WRPIS -	-	-	-	USA -	-
6055	WRPIS -	-	-	-	USA -	-
6056	WRPIS -	-	-	-	USA -	-
6057	WRPIS -	-	-	-	USA -	-
6058	WRPIS -	-	-	-	USA -	-
6059	WRPIS -	-	-	-	USA -	-
6060	WRPIS -	-	-	-	USA -	-
6061	WRPIS -	-	-	-	USA -	-
6062	WRPIS 704061	-	-	-	USA -	-
6063	WRPIS 764168	-	-	-	USA -	-
6064	WRPIS 764175	-	-	-	USA -	-
6065	WRPIS 773303	-	-	-	USA -	-
6066	WRPIS '80 CAL' 196	-	-	-	USA -	-
6067	WRPIS L 1855	-	-	-	USA -	-
6068	WRPIS GR 351	-	-	-	USA -	-
6069	WRPIS GR 386	-	-	-	USA -	-
6070	WRPIS G 79-54	-	-	-	USA -	-
6071	WRPIS G 79-86-1	-	-	-	USA -	-
6072	WRPIS G 79-103	-	-	-	USA -	-
6073	WRPIS G 79-104	-	-	-	USA -	-
6074	WRPIS G 79-109	-	-	-	USA -	-
6075	WRPIS G 79-128	-	-	-	USA -	-
6076	WRPIS G 79-132	-	-	-	USA -	-
6077	WRPIS G 80-4	-	-	-	USA -	-

ILC DOOR	DONO	CLOR	COLL	CLMO/PED	ORI PRG./TOWN	LOC/REM
6078	WRPIS G 80-7	-	-	-	USA -	-
6079	WRPIS G 80-10	-	-	-	USA -	-
6080	WRPIS G 80-11	-	-	-	USA -	-
6081	WRPIS G 80-12	-	-	-	USA -	-
6082	WRPIS G 80-13	-	-	-	USA -	-
6083	WRPIS G 80-14	-	-	-	USA -	-
6084	WRPIS G 81-1	-	-	-	USA -	-
6085	WRPIS G 81-2	-	-	-	USA -	-
6086	WRPIS G 81-8	-	-	-	USA -	-
6087	HUNRCA RCA 1400002	-	-	Jugoszlav-1 TF	YUG -	Landrace
6088	HUNRCA RCA 1400003	-	-	Jugoszlav-2 TF	YUG -	Landrace
6089	HUNRCA RCA 1400125	-	-		ROM -	Landrace
6090	- K-980	-	-		SUN -	-
6091	ICRISAT ICC 13817	-	-		-	-
6092	ICRISAT ICC 13820	-	-		-	-
6093	ICRISAT ICC 13846	-	-		-	-
6094	ICRISAT ICC 13849	-	-		-	-
6095	ICRISAT ICC 13859	-	-		-	-
6096	ICRISAT ICC 13873	-	-		-	-
6097	ICRISAT ICC 14126	-	-		-	-
6098	ICRISAT ICC 14186	-	-		-	-
6099	ICRISAT ICC 14187	-	-		-	-
6100	ICRISAT ICC 14190	-	-		-	-
6101	ICRISAT ICC 14191	-	-		-	-
6102	ICRISAT ICC 14194	-	-		-	-
6103	ICRISAT ICC 14196	-	-		-	-
6104	ICRISAT ICC 14197	-	-		-	-
6105	ICRISAT ICC 14198	-	-		-	-
6106	ICRISAT ICC 14199	-	-		-	-
6107	ICRISAT ICC 14200	-	-		-	-
6108	ICRISAT ICC 14202	-	-		-	-
6109	ICRISAT ICC 14204	-	-		-	-
6110	ICRISAT ICC 14207	-	-		-	-
6111	ICRISAT ICC 14209	-	-		-	-
6112	ICRISAT ICC 14210	-	-		-	-
6113	ICRISAT ICC 14212	-	-		-	-
6114	ICRISAT ICC 14213	-	-		-	-
6115	ICRISAT ICC 14214	-	-		-	-
6116	ICRISAT ICC 14215	-	-		-	-
6117	ICRISAT ICC 14216	-	-		-	-

ILC	DCOR	DOMO	CLOR	COLL	CLNO/PED	ORI	PRO/TOWN	LOC/REM
6118	ICRISAT	ICC 14218	-	-	-	-	-	-
6119	ICRISAT	ICC 14219	-	-	-	-	-	-
6120	-	82 A-6A	-	-	-	PRT	-	-
6121	-	82 A-36A	-	-	-	PRT	-	-
6122	-	82 A-48A	-	-	-	PRT	-	-
6123	-	82 A-128A	-	-	-	PRT	-	-
6124	-	82 A-134A	-	-	-	PRT	-	-
6125	-	82 A-149A	-	-	-	PRT	-	-
6126	-	82 A-158A	-	-	-	PRT	-	-
6127	-	82 A-168A	-	-	-	PRT	-	-
6128	-	82 A-177A	-	-	-	PRT	-	-
6129	-	82 A-183A	-	-	-	PRT	-	-
6130	-	82 A-203A	-	-	-	PRT	-	-
6131	-	82 A-218A	-	-	-	PRT	-	-
6132	-	82 A-242A	-	-	-	PRT	-	-
6133	-	82 A-271A	-	-	-	PRT	-	-
6134	-	82 A-301A	-	-	-	PRT	-	-
6135	-	82 A-316A	-	-	-	PRT	-	-
6136	-	82 A-333A	-	-	-	PRT	-	-
6137	-	82 A-368A	-	-	-	PRT	-	-
6138	-	82 A-385A	-	-	-	PRT	-	-
6139	-	82 A-392A	-	-	-	PRT	-	-
6140	-	82 A-66B	-	-	-	PRT	-	-
6141	-	82 A-83B	-	-	-	PRT	-	-
6142	-	82 A-92B	-	-	-	PRT	-	-
6143	-	82 A-108B	-	-	-	PRT	-	-
6144	-	82 A-113B	-	-	-	PRT	-	-
6145	-	82 A-140B	-	-	-	PRT	-	-
6146	-	82 A-149B	-	-	-	PRT	-	-
6147	-	82 A-158B	-	-	-	PRT	-	-
6148	-	82 A-165B	-	-	-	PRT	-	-
6149	-	82 A-176B	-	-	-	PRT	-	-
6150	-	82 A-179B	-	-	-	PRT	-	-
6151	-	82 A-187B	-	-	-	PRT	-	-
6152	-	82 A-231B	-	-	-	PRT	-	-
6153	-	82 A-235B	-	-	-	PRT	-	-
6154	-	82 A-249B	-	-	-	PRT	-	-
6155	-	82 A-256B	-	-	-	PRT	-	-
6156	-	82 A-262B	-	-	-	PRT	-	-
6157	-	82 A-284B	-	-	-	PRT	-	-



ILC DOOR	DOBNO	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REN
6158 -	82 A-316B	-	-	-	PRT -	-
6159 -	82 A-342B	-	-	-	PRT -	-
6160 -	82 A-366B	-	-	-	PRT -	-
6161 -	82 A-225B	-	-	-	PRT -	-
6162 -	83 A-51B	-	-	-	PRT -	-
6163 -	83 A-64B	-	-	-	PRT -	-
6164 -	83 A-66B	-	-	-	PRT -	-
6165 -	83 A-69B	-	-	-	PRT -	-
6166 -	83 A-81B	-	-	-	PRT -	-
6167 -	83 A-83B	-	-	-	PRT -	-
6168 -	82 A-112	-	-	-	ESP -	-
6169 -	82 A-115	-	-	-	ESP -	-
6170 -	BGRC 025662	-	-	-	TUN -	-
6171 -	BGRC 025663	-	-	-	TUN -	-
6172 -	BGRC 025664	-	-	-	TUN -	-
6173 -	BGRC 025665	-	-	-	TUN -	-
6174 -	BGRC 025666	-	-	-	TUN -	-
6175 -	BGRC 025667	-	-	-	TUN -	-
6176 -	BGRC 025668	-	-	-	TUN -	-
6177 -	BGRC 025669	-	-	-	TUN -	-
6178 -	BGRC 025670	-	-	-	TUN -	-
6179 -	BGRC 025671	-	-	-	TUN -	-
6180 -	BGRC 025672	-	-	-	TUN -	-
6181 -	BGRC 025673	-	-	-	TUN -	-
6182 -	BGRC 025674	-	-	-	TUN -	-
6183 -	BGRC 025675	-	-	-	TUN -	-
6184 -	BGRC 025676	-	-	-	TUN -	-
6185 -	BGRC 025677	-	-	-	TUN -	-
6186 -	BGRC 025678	-	-	-	TUN -	-
6187	ICRISAT ICC 14312	-	-	L-550M	IND -	-
6188 -	E 36-H	-	-	-	FRA -	-
6189 -	E 39-H	-	-	-	FRA -	-
6190 -	E 40-H	-	-	-	FRA -	-
6191 -	-	-	-	-	FRA -	-
6192 -	-	-	-	-	FRA -	-
6193 -	-	-	-	-	DZA -	-
6194 -	-	-	-	-	DZA -	-
6195 -	-	-	-	-	DZA -	-
6196 -	-	-	-	-	PRT -	-
6197 -	-	-	-	-	TUR Diar Bakir -	-

ILC DOOR	DO#O	CLOR	COLL	CLNO/PED	ORI PRO/TOWN	LOC/REM
6198 -	ENMP E-4889	-	-	-	CYP -	-
6329 -	-	ICARDA	LH	ILC 1250-1	SYR -	Selected from ILC 1250; Compound leaves; late
6330 -	-	ICARDA	LH	ILC 1250-2	SYR -	Selected from ILC 1250; compound leaves; early

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**PASSPORT INFORMATION ON**

**BREEDING LINES**

ILC DONS	CLOR	COLL	CLNO/PED	ORI PRO	LOC/REN
4494 FLIP 80-1	ICARDA/ICRISAT	KBS	ICRI 7475/(L550xT3)x(C156xF404)	SYR Aleppo	Developed at ICARDA
4495 FLIP 80-2	ICARDA/ICRISAT	KBS	X75 TA91/NEC 1487xGS43	SYR Aleppo	Developed at ICARDA
4496 FLIP 80-3	ICARDA/ICRISAT	KBS	X75 TA163/NEC C220xNEC 147;	SYR Aleppo	Developed at ICARDA
4497 FLIP 80-4	ICARDA/ICRISAT	KBS	X75 TA163/NEC C220xNEC 1477	SYR Aleppo	Developed at ICARDA
4498 FLIP 80-5	ICARDA/ICRISAT	KBS	X75 TA59/NEC 1540xP4307	SYR Aleppo	Developed at ICARDA
4499 FLIP 80-6	ICARDA/ICRISAT	KBS	ICRI 73242/K4xL144	SYR Aleppo	Developed at ICARDA
4500 FLIP 80-7	ICARDA/ICRISAT	KBS	X75 TA25/NEC 1605xL534	SYR Aleppo	Developed at ICARDA
4501 FLIP 80-8	ICARDA/ICRISAT	KBS	X75 TA25/NEC 1605xL534	SYR Aleppo	Developed at ICARDA
4502 FLIP 80-9	ICARDA/ICRISAT	KBS	X75 TA25/NEC 1605xL534	SYR Aleppo	Developed at ICARDA
4503 FLIP 80-10	ICARDA/ICRISAT	KBS	X75 TA23/NEC 1603xCP66	SYR Aleppo	Developed at ICARDA
4504 FLIP 80-11	ICARDA/ICRISAT	KBS	X75 TA121/NEC 14xNEC 1218	SYR Aleppo	Developed at ICARDA
4505 FLIP 80-12	ICARDA/ICRISAT	KBS	X75 TA193/NEC 293xNEC 139	SYR Aleppo	Developed at ICARDA
4506 FLIP 80-13	ICARDA/ICRISAT	KBS	ICRI 7385/L550xL2	SYR Aleppo	Developed at ICARDA
4507 FLIP 80-14	ICARDA/ICRISAT	KBS	X75 TA134/NEC 143xNEC 139	SYR Aleppo	Developed at ICARDA
4508 FLIP 80-15	ICARDA/ICRISAT	KBS	ICRI 7385/L550xL2	SYR Aleppo	Developed at ICARDA
4509 FLIP 80-16	ICARDA/ICRISAT	KBS	ICRI 7385/L550xL2	SYR Aleppo	Developed at ICARDA
4510 FLIP 80-17	ICARDA/ICRISAT	KBS	X75 TA120/NEC 2498xP4307	SYR Aleppo	Developed at ICARDA
4511 FLIP 80-18	ICARDA/ICRISAT	KBS	X75 TA163/NEC 220xNEC 1473	SYR Aleppo	Developed at ICARDA
4512 FLIP 80-19	ICARDA/ICRISAT	KBS	X75 TA154/NEC 226xNEC 139	SYR Aleppo	Developed at ICARDA
4513 FLIP 80-20	ICARDA/ICRISAT	KBS	X75 TA123/NEC 14xNEC 1415	SYR Aleppo	Developed at ICARDA
4514 FLIP 80-21	ICARDA/ICRISAT	KBS	X75 TA206/NEC 1614xNEC 317	SYR Aleppo	Developed at ICARDA
4515 FLIP 80-22	ICARDA/ICRISAT	KBS	X75 TA206/NEC 1614xNEC 317	SYR Aleppo	Developed at ICARDA
4516 FLIP 80-23	ICARDA/ICRISAT	KBS	X75 TA206/NEC 1614xNEC 317	SYR Aleppo	Developed at ICARDA
4517 FLIP 80-24	ICARDA/ICRISAT	KBS	X75 TA183/NEC 293xNEC 1415	SYR Aleppo	Developed at ICARDA
4518 FLIP 80-25	ICARDA/ICRISAT	KBS	ICRI 7312/H208xK4	SYR Aleppo	Developed at ICARDA
4519 FLIP 80-26	ICARDA/ICRISAT	KBS	X75 TA175/NEC 2930x74 TA3377	SYR Aleppo	Developed at ICARDA
4520 FLIP 80-27	ICARDA/ICRISAT	KBS	X75 TA60/NEC 1656xP4307	SYR Aleppo	Developed at ICARDA
4521 FLIP 80-28	ICARDA/ICRISAT	KBS	X75 TA139/NEC 14xWFWGIII KBS	SYR Aleppo	Developed at ICARDA
4522 FLIP 80-29	ICARDA/ICRISAT	KBS	X75 TA121/NEC 14xNEC 1218	SYR Aleppo	Developed at ICARDA
4523 FLIP 80-30	ICARDA/ICRISAT	KBS	ICRI 74264/74264-8-1P-1H-14	SYR Aleppo	Developed at ICARDA
4524 FLIP 81-31	ICARDA/ICRISAT	KBS	X75 TA50/NEC 1656xE100	SYR Aleppo	Developed at ICARDA
4525 FLIP 81-32	ICARDA/ICRISAT	KBS	X75 TA21/NEC 1605xCeylon 2	SYR Aleppo	Developed at ICARDA
4526 FLIP 81-33	ICARDA/ICRISAT	KBS	X75 TA21/NEC 1605xCeylon 2	SYR Aleppo	Developed at ICARDA
4527 FLIP 81-34	ICARDA/ICRISAT	KBS	X75 TA49/NEC 1540xE100	SYR Aleppo	Developed at ICARDA
4528 FLIP 81-35	ICARDA/ICRISAT	KBS	X75 TA49/NEC 1540xE100	SYR Aleppo	Developed at ICARDA
4529 FLIP 81-36	ICARDA/ICRISAT	KBS	X75 TA79/NEC 1646xP4307	SYR Aleppo	Developed at ICARDA
4530 FLIP 81-37	ICARDA/ICRISAT	KBS	X75 TA99/NEC 1487xP4307	SYR Aleppo	Developed at ICARDA
4531 FLIP 81-38	ICARDA/ICRISAT	KBS	X75 TA121/NEC 14xNEC 1218	SYR Aleppo	Developed at ICARDA
4532 FLIP 81-39	ICARDA/ICRISAT	KBS	X75 TA123/NEC 14xNEC 1415	SYR Aleppo	Developed at ICARDA
4533 FLIP 81-40	ICARDA/ICRISAT	KBS	X75 TA131/NEC 14xNEC 132	SYR Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
4534	FLIP 81-41	ICARDA/ICRISAT	KBS	X75 TA131/NEC 14xNEC 132	SYR	Aleppo	Developed at ICARDA
4535	FLIP 81-42	ICARDA/ICRISAT	KBS	X75 TA133/NEC 14xNEC 139	SYR	Aleppo	Developed at ICARDA
4536	FLIP 81-43	ICARDA/ICRISAT	KBS	X75 TA153/NEC 30xNEC 139	SYR	Aleppo	Developed at ICARDA
4537	FLIP 81-44	ICARDA/ICRISAT	KBS	IC 75 1269-12	SYR	Aleppo	Developed at ICARDA
4538	FLIP 81-45	ICARDA/ICRISAT	KBS	X75 TA19/NEC 10xP4307	SYR	Aleppo	Developed at ICARDA
4539	FLIP 81-46	ICARDA/ICRISAT	KBS	X75 TA19/NEC 10xP4307	SYR	Aleppo	Developed at ICARDA
4540	FLIP 81-47	ICARDA/ICRISAT	KBS	X75 TA19/NEC 10xP4307	SYR	Aleppo	Developed at ICARDA
4541	FLIP 81-48	ICARDA/ICRISAT	KBS	X75 TA120/NEC 2398xP4307	SYR	Aleppo	Developed at ICARDA
4542	FLIP 81-49	ICARDA/ICRISAT	KBS	X75 TA206/NEC 1614xNEC 317	SYR	Aleppo	Developed at ICARDA
4543	FLIP 81-50	ICARDA/ICRISAT	KBS	X75 TA25/NEC 1605xL534	SYR	Aleppo	Developed at ICARDA
4544	FLIP 81-51	ICARDA/ICRISAT	KBS	X75 TA206/NEC 2614xNEC 317	SYR	Aleppo	Developed at ICARDA
4545	FLIP 81-52	ICARDA/ICRISAT	KBS	X75 TA53/NEC 1540xP1630	SYR	Aleppo	Developed at ICARDA
4546	FLIP 81-53	ICARDA/ICRISAT	KBS	X75 TA59/NEC 1540xP4307	SYR	Aleppo	Developed at ICARDA
4547	FLIP 81-54	ICARDA/ICRISAT	KBS	X74 IC 12/NEC 219xF-61	SYR	Aleppo	Developed at ICARDA
4548	FLIP 81-55	ICARDA/ICRISAT	KBS	X75 TA23/NEC 1505xCP66	SYR	Aleppo	Developed at ICARDA
4549	FLIP 81-56	ICARDA/ICRISAT	KBS	X75 TA99/NEC 1487xP4307	SYR	Aleppo	Developed at ICARDA
4550	FLIP 81-57	ICARDA/ICRISAT	KBS	X75 TA193/NEC 293xNEC 139	SYR	Aleppo	Developed at ICARDA
4551	FLIP 81-58	ICARDA/ICRISAT	KBS	X75 TA75/NEC 1646xL2	SYR	Aleppo	Developed at ICARDA
4552	FLIP 81-59	ICARDA/ICRISAT	KBS	X75 TA99/NEC 1487xP4307	SYR	Aleppo	Developed at ICARDA
4553	FLIP 81-60	ICARDA/ICRISAT	KBS	X75 TA193/NEC 293xNEC 139	SYR	Aleppo	Developed at ICARDA
4554	FLIP 81-61	ICARDA/ICRISAT	KBS	X75 TA206/NEC 2614xNEC 317	SYR	Aleppo	Developed at ICARDA
4555	FLIP 81-62	ICARDA/ICRISAT	KBS	{NEC 143xL550}x{V4xP472}	SYR	Aleppo	Developed at ICARDA
4556	FLIP 81-63	ICARDA/ICRISAT	KBS	X75 TA131/NEC 14xNEC 132	SYR	Aleppo	Developed at ICARDA
4557	FLIP 81-64	ICARDA/ICRISAT	KBS	X75 TA131/NEC 14xNEC 132	SYR	Aleppo	Developed at ICARDA
4558	FLIP 81-65	ICARDA/ICRISAT	KBS	-	SYR	Aleppo	Developed at ICARDA
4559	FLIP 81-1	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4560	FLIP 81-2	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4561	FLIP 81-3	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4562	FLIP 81-4	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4563	FLIP 81-5	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4564	FLIP 81-6	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4565	FLIP 81-7	ICARDA/ICRISAT	KBS/MVR	X79 TH34/ILC 501xILC 183	SYR	Aleppo	Developed at ICARDA
4566	FLIP 81-8	ICARDA/ICRISAT	KBS/MVR	X79 TH46/ILC 618xILC 194	SYR	Aleppo	Developed at ICARDA
4567	FLIP 81-9	ICARDA/ICRISAT	KBS/MVR	X79 TH46/ILC 618xILC 194	SYR	Aleppo	Developed at ICARDA
4568	FLIP 81-10	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 591xILC 200	SYR	Aleppo	Developed at ICARDA
4569	FLIP 81-11	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 591xILC 200	SYR	Aleppo	Developed at ICARDA
4570	FLIP 81-12	ICARDA/ICRISAT	KBS/MVR	X79 TH101/ILC 523xILC 183	SYR	Aleppo	Developed at ICARDA
4571	FLIP 81-13	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4572	FLIP 81-14	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4573	FLIP 81-15	ICARDA/ICRISAT	KBS/MVR	X77 SD146/X75 TA139xNEC 139	SYR	Aleppo	Developed at ICARDA

ILC	DOB	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
4574	FLIP 81-16	ICARDA/ICRISAT	KBS/MVR	X77 SD146/X75 TA139xNEC 139	SYR	Aleppo	Developed at ICARDA
4575	FLIP 81-17	ICARDA/ICRISAT	KBS/MVR	X77 SD146/X75 TA139xNEC 139	SYR	Aleppo	Developed at ICARDA
4576	FLIP 81-18	ICARDA/ICRISAT	KBS/MVR	X77 SD146/X75 TA139xNEC 139	SYR	Aleppo	Developed at ICARDA
4577	FLIP 81-19	ICARDA/ICRISAT	KBS/MVR	X77 SD146/X75 TA139xNEC 139	SYR	Aleppo	Developed at ICARDA
4578	FLIP 81-20	ICARDA/ICRISAT	KBS/MVR	X77 SD146/X75 TA139xNEC 139	SYR	Aleppo	Developed at ICARDA
4579	FLIP 81-21	ICARDA/ICRISAT	KBS/MVR	X77 SD146/X75 TA139xNEC 139	SYR	Aleppo	Developed at ICARDA
4580	FLIP 81-22	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4581	FLIP 81-23	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4582	FLIP 81-24	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4583	FLIP 81-25	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4584	FLIP 81-26	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4585	FLIP 81-27	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4586	FLIP 81-28	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4587	FLIP 81-29	ICARDA/ICRISAT	KBS/MVR	X79 TH25/ILC 262xILC 194	SYR	Aleppo	Developed at ICARDA
4588	FLIP 81-30	ICARDA/ICRISAT	KBS/MVR	X79 TH25/ILC 262xILC 194	SYR	Aleppo	Developed at ICARDA
4589	FLIP 81-31W	ICARDA/ICRISAT	KBS/MVR	X79 TH25/ILC 262xILC 194	SYR	Aleppo	Developed at ICARDA
4590	FLIP 81-32W	ICARDA/ICRISAT	KBS/MVR	X79 TH25/ILC 262xILC 194	SYR	Aleppo	Developed at ICARDA
4591	FLIP 81-33W	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
4592	FLIP 81-34W	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
4593	FLIP 81-35W	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
4594	FLIP 81-36W	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
4595	FLIP 81-37W	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
4596	FLIP 81-38W	ICARDA/ICRISAT	KBS/MVR	X79 TH34/ILC 501xILC 183	SYR	Aleppo	Developed at ICARDA
4597	FLIP 81-39W	ICARDA/ICRISAT	KBS/MVR	X79 TH46/ILC 618xILC 194	SYR	Aleppo	Developed at ICARDA
4598	FLIP 81-40W	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 591xILC 200	SYR	Aleppo	Developed at ICARDA
4599	FLIP 81-41W	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 591xILC 200	SYR	Aleppo	Developed at ICARDA
4600	FLIP 81-42W	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 591xILC 200	SYR	Aleppo	Developed at ICARDA
4601	FLIP 81-43W	ICARDA/ICRISAT	KBS/MVR	X79 TH53/ILC 52xILC 183	SYR	Aleppo	Developed at ICARDA
4602	FLIP 81-44W	ICARDA/ICRISAT	KBS/MVR	X79 TH101/ILC 523xILC 183	SYR	Aleppo	Developed at ICARDA
4603	FLIP 81-45W	ICARDA/ICRISAT	KBS/MVR	X79 TH101/ILC 523xILC 183	SYR	Aleppo	Developed at ICARDA
4604	FLIP 81-46W	ICARDA/ICRISAT	KBS/MVR	X79 TH107/ILC 1126xILC 191	SYR	Aleppo	Developed at ICARDA
4605	FLIP 81-47W	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4606	FLIP 81-48W	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4607	FLIP 81-49W	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4608	FLIP 81-50W	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4609	FLIP 81-51W	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4610	FLIP 81-52W	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4611	FLIP 81-53W	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
4612	FLIP 81-54W	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
4613	FLIP 81-55W	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA

ILC	DOMO	CLOR	COLL	CLNO/PED	ORI PRO	LOC/REM
4614	FLIP 81-56W	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
4615	FLIP 81-57W	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
4616	FLIP 81-58W	ICARDA/ICRISAT	KBS/MVR	X79 TH158/ILC 202xILC 893	SYR Aleppo	Developed at ICARDA
4617	FLIP 81-59W	ICARDA/ICRISAT	KBS/MVR	X79 TH158/ILC 202xILC 893	SYR Aleppo	Developed at ICARDA
4618	FLIP 81-60W	ICARDA/ICRISAT	KBS/MVR	X78 TH21/ILC1298xILC 1255	SYR Aleppo	Developed at ICARDA
4619	FLIP 81-61W	ICARDA/ICRISAT	KBS/MVR	X77 SD184/X75 TA173xNEC 139	SYR Aleppo	Developed at ICARDA
4620	FLIP 81-62W	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR Aleppo	Developed at ICARDA
4621	FLIP 81-63W	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR Aleppo	Developed at ICARDA
4622	FLIP 81-64W	ICARDA/ICRISAT	KBS/MVR	X79 TH35/ILC 501xILC 191	SYR Aleppo	Developed at ICARDA
4623	FLIP 81-65W	ICARDA/ICRISAT	KBS/MVR	X79 TH45/ILC 618xILC 183	SYR Aleppo	Developed at ICARDA
4624	FLIP 81-66	ICARDA/ICRISAT	KBS	X79 TH101/ILC 523xILC 183	SYR Aleppo	Developed at ICARDA
4625	FLIP 81-67	ICARDA/ICRISAT	KBS	X79 TH118/ILC 1920xILC 195	SYR Aleppo	Developed at ICARDA
4626	FLIP 81-68	ICARDA/ICRISAT	KBS	X79 TH123/ILC 1929xILC 200	SYR Aleppo	Developed at ICARDA
4627	FLIP 81-69	ICARDA/ICRISAT	KBS	X79 TH123/ILC 1929xILC 200	SYR Aleppo	Developed at ICARDA
4628	FLIP 81-70	ICARDA/ICRISAT	KBS	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
4629	FLIP 81-71	ICARDA/ICRISAT	KBS	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
4630	FLIP 81-72	ICARDA/ICRISAT	KBS	X79 TH155/ILC 201xILC 571	SYR Aleppo	Developed at ICARDA
4631	FLIP 81-73	ICARDA/ICRISAT	KBS	X79 TH155/ILC 201xILC 571	SYR Aleppo	Developed at ICARDA
4632	FLIP 81-74	ICARDA/ICRISAT	KBS	X79 TH158/ILC 202xILC 893	SYR Aleppo	Developed at ICARDA
4633	FLIP 81-75	ICARDA/ICRISAT	KBS	X79 TH158/ILC 202xILC 893	SYR Aleppo	Developed at ICARDA
4634	FLIP 81-76	ICARDA/ICRISAT	KBS	X77 SD140/X75 TA134xNEC 139	SYR Aleppo	Developed at ICARDA
4635	FLIP 81-77	ICARDA/ICRISAT	KBS	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
4636	FLIP 81-78	ICARDA/ICRISAT	KBS	X79 TH158/ILC 202xILC 893	SYR Aleppo	Developed at ICARDA
4637	FLIP 81-79	ICARDA/ICRISAT	KBS	X77 SD9/X75 TA123xNEC 139	SYR Aleppo	Developed at ICARDA
4638	FLIP 81-80	ICARDA/ICRISAT	KBS	X77 SD9/X75 TA123xNEC 139	SYR Aleppo	Developed at ICARDA
4639	FLIP 81-81	ICARDA/ICRISAT	KBS	X77 SD9/X75 TA123xNEC 139	SYR Aleppo	Developed at ICARDA
4640	FLIP 81-82	ICARDA/ICRISAT	KBS	X77 SD118/X75 TA128xNEC 139	SYR Aleppo	Developed at ICARDA
4641	FLIP 81-83	ICARDA/ICRISAT	KBS	X77 SD118/X75 TA128xNEC 139	SYR Aleppo	Developed at ICARDA
4642	FLIP 81-84	ICARDA/ICRISAT	KBS	X77 SD118/X75 TA128xNEC 139	SYR Aleppo	Developed at ICARDA
4643	FLIP 81-85	ICARDA/ICRISAT	KBS	X77 SD140/X75 TA134xNEC 139	SYR Aleppo	Developed at ICARDA
4644	FLIP 81-86	ICARDA/ICRISAT	KBS	X77 SD173/X75 TA154x75 TA17208	SYR Aleppo	Developed at ICARDA
4645	FLIP 81-87	ICARDA/ICRISAT	KBS	X77 SD184/X75 TA173xNEC 139	SYR Aleppo	Developed at ICARDA
4646	FLIP 81-88	ICARDA/ICRISAT	KBS	X77 SD184/X75 TA173xNEC 139	SYR Aleppo	Developed at ICARDA
4647	FLIP 81-89	ICARDA/ICRISAT	KBS	X77 SD117/X75 TA127xNEC 108	SYR Aleppo	Developed at ICARDA
4648	FLIP 81-90	ICARDA/ICRISAT	KBS	X77 SD184/X75 TA173xNEC 139	SYR Aleppo	Developed at ICARDA
4649	FLIP 81-91	ICARDA/ICRISAT	KBS	X77 SD136/X75 TA132xNEC 139	SYR Aleppo	Developed at ICARDA
4650	FLIP 81-92	ICARDA/ICRISAT	KBS	X78 TH2/ILC 625x74 TA1629	SYR Aleppo	Developed at ICARDA
4651	FLIP 81-93	ICARDA/ICRISAT	KBS	X78 TH2/ILC 625x74 TA1629	SYR Aleppo	Developed at ICARDA
4652	FLIP 81-94	ICARDA/ICRISAT	KBS	X78 TH2/ILC 625x74 TA1629	SYR Aleppo	Developed at ICARDA
4653	FLIP 81-95	ICARDA/ICRISAT	KBS	X78 TH2/ILC 625x74 TA1629	SYR Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLNO/PED	ORI PRO	LOC/REM
4654	FLIP 81-96	ICARDA/ICRISAT	KBS	X78 TH2/ILC 625x74 TA1629	SYR Aleppo	Developed at ICARDA
4655	FLIP 81-97	ICARDA/ICRISAT	KBS	X78 TH5/ILC 896x74 TA2162	SYR Aleppo	Developed at ICARDA
4656	FLIP 81-98	ICARDA/ICRISAT	KBS	X78 TH5/ILC 896x74 TA2162	SYR Aleppo	Developed at ICARDA
4657	FLIP 81-99	ICARDA/ICRISAT	KBS	X78 TH5/ILC 896x74 TA2162	SYR Aleppo	Developed at ICARDA
4658	FLIP 81-100	ICARDA/ICRISAT	KBS	X78 TH30/NEC 140xILC 51	SYR Aleppo	Developed at ICARDA
4659	FLIP 81-101	ICARDA/ICRISAT	KBS	X78 TH37/ILC 926xNEC 249	SYR Aleppo	Developed at ICARDA
4660	FLIP 81-102	ICARDA/ICRISAT	KBS	X78 TR44/(NEC 1540xP472)x(NEC 30xNEC 139)	SYR Aleppo	Developed at ICARDA
4661	FLIP 81-103	ICARDA/ICRISAT	KBS	X78 TR44/(NEC 1540xP472)x(NEC 30xNEC 139)	SYR Aleppo	Developed at ICARDA
4662	FLIP 81-104	ICARDA/ICRISAT	KBS	X78 TR58/NEC 2332x(NEC 1540xP307)	SYR Aleppo	Developed at ICARDA
4663	FLIP 81-105	ICARDA/ICRISAT	KBS	X78 TR62/NEC 2380x(NEC 1540xP472)	SYR Aleppo	Developed at ICARDA
4664	FLIP 81-106	ICARDA/ICRISAT	KBS	X78 TR62/NEC 2380x(NEC 1540xP472)	SYR Aleppo	Developed at ICARDA
4665	FLIP 81-107	ICARDA/ICRISAT	KBS	X78 TR62/NEC 2380x(NEC 1540xP472)	SYR Aleppo	Developed at ICARDA
4666	FLIP 81-108	ICARDA/ICRISAT	KBS	X78 TR63/NEC 2380x(NEC 1540xP4307)	SYR Aleppo	Developed at ICARDA
4667	FLIP 81-109	ICARDA/ICRISAT	KBS	X78 TR64/NEC 2380x(NEC 1646xL2)	SYR Aleppo	Developed at ICARDA
4668	FLIP 81-110	ICARDA/ICRISAT	KBS	X78 P-61(68)/K4xP9800	SYR Aleppo	Developed at ICARDA
4669	FLIP 81-111	ICARDA/ICRISAT	KBS	X78 P-61(68)/K4xP9800	SYR Aleppo	Developed at ICARDA
4670	FLIP 81-112	ICARDA/ICRISAT	KBS	X78 P-61(68)/K4xP9800	SYR Aleppo	Developed at ICARDA
4671	FLIP 81-113	ICARDA/ICRISAT	KBS	X78 P-61(69)/K4xP2591	SYR Aleppo	Developed at ICARDA
4672	FLIP 81-114	ICARDA/ICRISAT	KBS	X78 P-61(72)/K4x850-3/27	SYR Aleppo	Developed at ICARDA
4673	FLIP 81-115	ICARDA/ICRISAT	KBS	X78 P-61(72)/K4x850-3/27	SYR Aleppo	Developed at ICARDA
4674	FLIP 81-116	ICARDA/ICRISAT	KBS	X78 P-61(72)/K4x850-3/27	SYR Aleppo	Developed at ICARDA
4675	FLIP 81-117	ICARDA/ICRISAT	KBS	X78 P-61(80)/P9800xICCC1	SYR Aleppo	Developed at ICARDA
4676	FLIP 81-118	ICARDA/ICRISAT	KBS	X78 P-61(80)/P9800xICCC1	SYR Aleppo	Developed at ICARDA
4677	FLIP 81-119	ICARDA/ICRISAT	KBS	X78 P-61(112)/7347-6-4-B-BHxICCC3	SYR Aleppo	Developed at ICARDA
4678	FLIP 81-120	ICARDA/ICRISAT	KBS	X78 P-61(147)/No. S01xH-208	SYR Aleppo	Developed at ICARDA
4679	FLIP 81-121	ICARDA/ICRISAT	KBS	X78 TH22/ILC 193xILC 13	SYR Aleppo	Developed at ICARDA
4680	FLIP 81-122	ICARDA/ICRISAT	KBS	X78 TH22/ILC 193xILC 13	SYR Aleppo	Developed at ICARDA
4681	FLIP 81-123	ICARDA/ICRISAT	KBS	X78 TH22/ILC 193xILC 13	SYR Aleppo	Developed at ICARDA
4682	FLIP 81-124	ICARDA/ICRISAT	KBS	X78 TH128/L550xP9800	SYR Aleppo	Developed at ICARDA
4683	FLIP 81-125	ICARDA/ICRISAT	KBS	X77 SD64/X75 TA 16988xNEC 139	SYR Aleppo	Developed at ICARDA
4684	FLIP 81-126	ICARDA/ICRISAT	KBS	X77 SD42/X75 TA43x74 TA22	SYR Aleppo	Developed at ICARDA
4685	FLIP 81-127	ICARDA/ICRISAT	KBS	X77 SD46/X75 TA45x74 TA2436	SYR Aleppo	Developed at ICARDA
4686	FLIP 81-128	ICARDA/ICRISAT	KBS	X77 SD72/X75 TA53x74 TA3278	SYR Aleppo	Developed at ICARDA
4687	FLIP 81-129	ICARDA/ICRISAT	KBS	X77 SD72/X75 TA53x74 TA3278	SYR Aleppo	Developed at ICARDA
4688	FLIP 81-130	ICARDA/ICRISAT	KBS	X77 SD72/X75 TA53x74 TA3278	SYR Aleppo	Developed at ICARDA
4689	FLIP 81-131	ICARDA/ICRISAT	KBS	X77 SD72/X75 TA53x74 TA3278	SYR Aleppo	Developed at ICARDA
4690	FLIP 81-132	ICARDA/ICRISAT	KBS	X77 SD72/X75 TA53x74 TA3278	SYR Aleppo	Developed at ICARDA
4691	FLIP 81-133	ICARDA/ICRISAT	KBS	X77 SD75/X75 TA55xNEC 108	SYR Aleppo	Developed at ICARDA
4692	FLIP 81-134	ICARDA/ICRISAT	KBS	X77 SD75/X75 TA55xNEC 108	SYR Aleppo	Developed at ICARDA
4693	FLIP 81-135	ICARDA/ICRISAT	KBS	X77 SD75/X75 TA55xNEC 108	SYR Aleppo	Developed at ICARDA



ILC	DONO	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM			
4694	FLIP	81-136	ICARDA/ICRISAT	KBS	X77	SD129/X74	TA3272x74 TA2971	SYR Aleppo	Developed	at ICARDA
4695	FLIP	81-137	ICARDA/ICRISAT	KBS	X77	SD132/X75	TA16991x75 TA16988	SYR Aleppo	Developed	at ICARDA
4696	FLIP	81-138	ICARDA/ICRISAT	KBS	X77	SD137/X75	TA132xNEC 108	SYR Aleppo	Developed	at ICARDA
4697	FLIP	81-139	ICARDA/ICRISAT	KBS	X77	SD137/X75	TA132xNEC 108	SYR Aleppo	Developed	at ICARDA
4698	FLIP	81-140	ICARDA/ICRISAT	KBS	X77	SD156/X75	TA150x74 TA3272	SYR Aleppo	Developed	at ICARDA
4699	FLIP	81-141	ICARDA/ICRISAT	KBS	X77	SD165/X75	TA16991x74 TA3278	SYR Aleppo	Developed	at ICARDA
4700	FLIP	81-142	ICARDA/ICRISAT	KBS	X77	SD165/X75	TA16991x74 TA3278	SYR Aleppo	Developed	at ICARDA
4701	FLIP	81-143	ICARDA/ICRISAT	KBS	X77	SD165/X75	TA16991x74 TA3278	SYR Aleppo	Developed	at ICARDA
4702	FLIP	81-144	ICARDA/ICRISAT	KBS	X77	SD165/X75	TA16991x74 TA3278	SYR Aleppo	Developed	at ICARDA
4705	FLIP	81-145	ICARDA/ICRISAT	KBS	X77	SD165/X75	TA16991x74 TA3278	SYR Aleppo	Developed	at ICARDA
4704	FLIP	81-146	ICARDA/ICRISAT	KBS	X77	SD165/X75	TA16991x74 TA3278	SYR Aleppo	Developed	at ICARDA
4705	FLIP	81-147	ICARDA/ICRISAT	KBS	X77	SD165/X75	TA16991x74 TA3278	SYR Aleppo	Developed	at ICARDA
4706	FLIP	81-148	ICARDA/ICRISAT	KBS	X77	SD178/X75	TA165x74 TA2436	SYR Aleppo	Developed	at ICARDA
4707	FLIP	81-149	ICARDA/ICRISAT	KBS	X77	SD180/X75	TA169x74 TA2972	SYR Aleppo	Developed	at ICARDA
4708	FLIP	81-150	ICARDA/ICRISAT	KBS	X77	SD199/X75	TA198xGIZAI	SYR Aleppo	Developed	at ICARDA
4709	FLIP	81-151	ICARDA/ICRISAT	KBS	X77	SD212/X75	TA17175xGIZAI	SYR Aleppo	Developed	at ICARDA
4710	FLIP	81-152	ICARDA/ICRISAT	KBS	X77	SD212/X75	TA17175xGIZAI	SYR Aleppo	Developed	at ICARDA
4711	FLIP	81-153	ICARDA/ICRISAT	KBS	X77	SD217/X75	TA1720xGIZAI	SYR Aleppo	Developed	at ICARDA
4712	FLIP	81-154	ICARDA/ICRISAT	KBS	X77	SD217/X75	TA1720xGIZAI	SYR Aleppo	Developed	at ICARDA
4713	FLIP	81-155	ICARDA/ICRISAT	KBS	X77	SD29030/X75	TA33x(74 TA3278 74 TA16988)	SYR Aleppo	Developed	at ICARDA
4714	FLIP	81-156	ICARDA/ICRISAT	KBS	X77	SD29030/X75	TA33x(74 TA3278 74 TA16988)	SYR Aleppo	Developed	at ICARDA
4715	FLIP	81-157	ICARDA/ICRISAT	KBS	X77	SD29030/X75	TA33x(74 TA3278 74 TA16988)	SYR Aleppo	Developed	at ICARDA
4716	FLIP	81-158	ICARDA/ICRISAT	KBS	X77	SD29030/X75	TA33x(74 TA3278 74 TA16988)	SYR Aleppo	Developed	at ICARDA
4717	FLIP	81-159	ICARDA/ICRISAT	KBS	X77	SD29030/X75	TA33x(74 TA3278 74 TA16988)	SYR Aleppo	Developed	at ICARDA
4718	FLIP	81-160	ICARDA/ICRISAT	KBS	X77	SD29030/X75	TA33x(74 TA3278 74 TA16988)	SYR Aleppo	Developed	at ICARDA
4719	FLIP	81-161	ICARDA/ICRISAT	KBS	X77	SD29030/X75	TA33x(74 TA3278 74 TA16988)	SYR Aleppo	Developed	at ICARDA
4720	FLIP	81-162	ICARDA/ICRISAT	KBS	X77	SD29030/X75	TA33x(74 TA3278 74 TA16988)	SYR Aleppo	Developed	at ICARDA
4721	FLIP	81-163	ICARDA/ICRISAT	KBS	X77	SD29030/X75	TA33x(74 TA3278 74 TA16988)	SYR Aleppo	Developed	at ICARDA
4722	FLIP	81-164	ICARDA/ICRISAT	KBS	X77	SD29030/X75	TA33x(74 TA3278 74 TA16988)	SYR Aleppo	Developed	at ICARDA
4723	FLIP	81-165	ICARDA/ICRISAT	KBS	X77	SD29030/X75	TA33x(74 TA3278 74 TA16988)	SYR Aleppo	Developed	at ICARDA
4724	FLIP	81-166	ICARDA/ICRISAT	KBS	X77	SD29030/X75	TA33x(74 TA3278 74 TA16988)	SYR Aleppo	Developed	at ICARDA
4725	FLIP	81-167	ICARDA/ICRISAT	KBS	X77	SD29030/X75	TA33x(74 TA3278 74 TA16988)	SYR Aleppo	Developed	at ICARDA
4726	FLIP	81-168	ICARDA/ICRISAT	KBS	75127D	BP		SYR Aleppo	Developed	at ICARDA
4727	FLIP	81-169	ICARDA/ICRISAT	KBS	75127D	BP		SYR Aleppo	Developed	at ICARDA
4728	FLIP	81-170	ICARDA/ICRISAT	KBS	75127D	BP		SYR Aleppo	Developed	at ICARDA
4729	FLIP	81-171	ICARDA/ICRISAT	KBS	75812	BH		SYR Aleppo	Developed	at ICARDA
4730	FLIP	81-172	ICARDA/ICRISAT	KBS	X77	SD64/X75	TA16988xNEC 139	SYR Aleppo	Developed	at ICARDA
4731	FLIP	81-173	ICARDA/ICRISAT	KBS	X77	SD65/X75	TA16991xNEC 139	SYR Aleppo	Developed	at ICARDA
4732	FLIP	81-174	ICARDA/ICRISAT	KBS	X77	SD102/X75	TA79xNEC 139	SYR Aleppo	Developed	at ICARDA
4733	FLIP	81-175	ICARDA/ICRISAT	KBS	X77	SD115/X75	TA126xNEC 139	SYR Aleppo	Developed	at ICARDA

ILC	DONO	CLOR	COLL	CLNO/PED	CRI	PRC	LOC/REM			
4734	FLIP	81-176	ICARDA/ICRISAT	KBS	X78	TH5/ILC 896x74	TA2162	SYR	Aleppo	Developed at ICARDA
4735	FLIP	81-177	ICARDA/ICRISAT	KBS	X78	TH5/ILC 896x74	TA2162	SYR	Aleppo	Developed at ICARDA
4736	FLIP	81-178	ICARDA/ICRISAT	KBS	X78	TH8/ILC 23x74	TA1629	SYR	Aleppo	Developed at ICARDA
4737	FLIP	81-179	ICARDA/ICRISAT	KBS	X78	TR63/NEC 2380x	(NEC 1540xP4307)	SYR	Aleppo	Developed at ICARDA
4738	FLIP	81-180	ICARDA/ICRISAT	KBS	X78	P-61(89)/GL 629xB-110		SYR	Aleppo	Developed at ICARDA
4739	FLIP	81-181	ICARDA/ICRISAT	KBS	X78	TR59/NEC 2332x	(NEC 1646xL2)	SYR	Aleppo	Developed at ICARDA
4740	FLIP	81-182	ICARDA/ICRISAT	KBS	X78	TH3/ILC 13x74	TA1740	SYR	Aleppo	Developed at ICARDA
4741	FLIP	81-183	ICARDA/ICRISAT	KBS	X78	TH5/ILC 896x74	TA2162	SYR	Aleppo	Developed at ICARDA
4742	FLIP	81-184	ICARDA/ICRISAT	KBS	X78	TH5/ILC 896x74	TA2162	SYR	Aleppo	Developed at ICARDA
4743	FLIP	81-185	ICARDA/ICRISAT	KBS	X78	TH5/ILC 896x74	TA2162	SYR	Aleppo	Developed at ICARDA
4744	FLIP	81-186	ICARDA/ICRISAT	KBS	X78	TH8/ILC 23x74	TA1629	SYR	Aleppo	Developed at ICARDA
4745	FLIP	81-187	ICARDA/ICRISAT	KBS	X78	TH32/ILC 193xILC 19		SYR	Aleppo	Developed at ICARDA
4746	FLIP	81-188	ICARDA/ICRISAT	KBS	X78	TR51/(NEC 2490xP430)x	(NEC 143xNEC 139)	SYR	Aleppo	Developed at ICARDA
4747	FLIP	81-189	ICARDA/ICRISAT	KBS	X78	TR51/(NEC 2490xP430)x	(NEC 143xNEC 139)	SYR	Aleppo	Developed at ICARDA
4748	FLIP	81-190	ICARDA/ICRISAT	KBS	X78	TR52/NEC 2498xP430)x	(NEC 30xNEC 139)	SYR	Aleppo	Developed at ICARDA
4749	FLIP	81-191	ICARDA/ICRISAT	KBS	X78	TR57/NEC 2332x	(NEC 1540xP472)	SYR	Aleppo	Developed at ICARDA
4750	FLIP	81-192	ICARDA/ICRISAT	KBS	X78	TR57/NEC 2332x	(NEC 1540xP472)	SYR	Aleppo	Developed at ICARDA
4751	FLIP	81-193	ICARDA/ICRISAT	KBS	X78	TR57/NEC 2332x	(NEC 1540xP472)	SYR	Aleppo	Developed at ICARDA
4752	FLIP	81-194	ICARDA/ICRISAT	KBS	X78	TR57/NEC 2332x	(NEC 1540xP472)	SYR	Aleppo	Developed at ICARDA
4753	FLIP	81-195	ICARDA/ICRISAT	KBS	X78	TR57/NEC 2332x	(NEC 1540xP472)	SYR	Aleppo	Developed at ICARDA
4754	FLIP	81-196	ICARDA/ICRISAT	KBS	X78	TR58/NEC 2332x	(NEC 1540xP4307)	SYR	Aleppo	Developed at ICARDA
4755	FLIP	81-197	ICARDA/ICRISAT	KBS	X78	TR58/NEC 2332x	(NEC 1540xP4307)	SYR	Aleppo	Developed at ICARDA
4756	FLIP	81-198	ICARDA/ICRISAT	KBS	X78	TR63/NEC 2380x	(NEC 1540xP4307)	SYR	Aleppo	Developed at ICARDA
4757	FLIP	81-199	ICARDA/ICRISAT	KBS	X78	TR64/NEC 2380x	(NEC 1646xL2)	SYR	Aleppo	Developed at ICARDA
4758	FLIP	81-200	ICARDA/ICRISAT	KBS	X78	P-61(72)/K4x850-3127		SYR	Aleppo	Developed at ICARDA
4759	FLIP	81-201	ICARDA/ICRISAT	KBS	X78	P-61(72)/K4x850-3127		SYR	Aleppo	Developed at ICARDA
4760	FLIP	81-202	ICARDA/ICRISAT	KBS	X78	P-61(78)/P9800xJM842		SYR	Aleppo	Developed at ICARDA
4761	FLIP	81-203	ICARDA/ICRISAT	KBS	X78	P-61(78)/P9800xJM842		SYR	Aleppo	Developed at ICARDA
4762	FLIP	81-204	ICARDA/ICRISAT	KBS	X78	P-61(78)/P9800xJM842		SYR	Aleppo	Developed at ICARDA
4763	FLIP	81-205	ICARDA/ICRISAT	KBS	X78	P-61(78)/P9800xJM842		SYR	Aleppo	Developed at ICARDA
4764	FLIP	81-206	ICARDA/ICRISAT	KBS	X78	P-61(80)/P9800xICCC1		SYR	Aleppo	Developed at ICARDA
4765	FLIP	81-207	ICARDA/ICRISAT	KBS	X78	P-61(98)/GL629xJG221		SYR	Aleppo	Developed at ICARDA
4766	FLIP	81-208	ICARDA/ICRISAT	KBS	X78	P-61(112)/7347-6-4-B-BHxICCC3		SYR	Aleppo	Developed at ICARDA
4767	FLIP	81-209	ICARDA/ICRISAT	KBS	X78	P-61(147)/No. 501xH-208		SYR	Aleppo	Developed at ICARDA
4768	FLIP	81-210	ICARDA/ICRISAT	KBS	X78	P-61(147)/No. 501xH-208		SYR	Aleppo	Developed at ICARDA
4769	FLIP	81-211	ICARDA/ICRISAT	KBS	X78	P-61(147)/No. 501xH-208		SYR	Aleppo	Developed at ICARDA
4770	FLIP	81-212	ICARDA/ICRISAT	KBS	X78	TH21/ILC 1298xILC 1255		SYR	Aleppo	Developed at ICARDA
4771	FLIP	81-213	ICARDA/ICRISAT	KBS	X78	P-61(128)		SYR	Aleppo	Developed at ICARDA
4772	FLIP	81-214	ICARDA/ICRISAT	KBS	X77	SD12/X75 STA25x74	TA2436	SYR	Aleppo	Developed at ICARDA
4773	FLIP	81-215	ICARDA/ICRISAT	KBS	X77	SD12/X75 STA25x74	TA2436	SYR	Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLRO/PED	ORI	PRO	LOC/REM
4774	FLIP 81-216	ICARDA/ICRISAT	KBS	X77 SD21/74 TA 2972xNEC 108	SYR	Aleppo	Developed at ICARDA
4775	FLIP 81-217	ICARDA/ICRISAT	KBS	X77 SD44/75 TA44x74 TA22	SYR	Aleppo	Developed at ICARDA
4776	FLIP 81-218	ICARDA/ICRISAT	KBS	X77 SD44/75 TA44x74 TA22	SYR	Aleppo	Developed at ICARDA
4777	FLIP 81-219	ICARDA/ICRISAT	KBS	X77 SD72/75 TA53x74 TA3278	SYR	Aleppo	Developed at ICARDA
4778	FLIP 81-220	ICARDA/ICRISAT	KBS	X77 SD72/75 TA53x74 TA3278	SYR	Aleppo	Developed at ICARDA
4779	FLIP 81-221	ICARDA/ICRISAT	KBS	X77 SD75/75 TA55xNEC 108	SYR	Aleppo	Developed at ICARDA
4780	FLIP 81-222	ICARDA/ICRISAT	KBS	X77 SD75/75 TA55xNEC 108	SYR	Aleppo	Developed at ICARDA
4781	FLIP 81-223	ICARDA/ICRISAT	KBS	X77 SD75/75 TA55xNEC 108	SYR	Aleppo	Developed at ICARDA
4782	FLIP 81-224	ICARDA/ICRISAT	KBS	X77 SD75/75 TA55xNEC 108	SYR	Aleppo	Developed at ICARDA
4783	FLIP 81-225	ICARDA/ICRISAT	KBS	X77 SD75/75 TA55xNEC 108	SYR	Aleppo	Developed at ICARDA
4784	FLIP 81-226	ICARDA/ICRISAT	KBS	X77 SD84/X75 TA60xNEC 108	SYR	Aleppo	Developed at ICARDA
4785	FLIP 81-227	ICARDA/ICRISAT	KBS	X77 SD114/X75 TA126x74 TA3272	SYR	Aleppo	Developed at ICARDA
4786	FLIP 81-228	ICARDA/ICRISAT	KBS	X77 SD129/X74 TA3272x74 TA2972	SYR	Aleppo	Developed at ICARDA
4787	FLIP 81-229	ICARDA/ICRISAT	KBS	X77 SD129/X74 TA3272x74 TA2972	SYR	Aleppo	Developed at ICARDA
4788	FLIP 81-230	ICARDA/ICRISAT	KBS	X77 SD129/X74 TA3272x74 TA2972	SYR	Aleppo	Developed at ICARDA
4789	FLIP 81-231	ICARDA/ICRISAT	KBS	X77 SD129/X74 TA3272x74 TA2972	SYR	Aleppo	Developed at ICARDA
4790	FLIP 81-232	ICARDA/ICRISAT	KBS	X77 SD129/X74 TA3272x74 TA2972	SYR	Aleppo	Developed at ICARDA
4791	FLIP 81-233	ICARDA/ICRISAT	KBS	X77 SD129/X74 TA3272x74 TA2972	SYR	Aleppo	Developed at ICARDA
4792	FLIP 81-234	ICARDA/ICRISAT	KBS	X77 SD131/X75 TA16988x74 TA3278	SYR	Aleppo	Developed at ICARDA
4793	FLIP 81-235	ICARDA/ICRISAT	KBS	X77 SD132/X75 TA16991x75 TA16988	SYR	Aleppo	Developed at ICARDA
4794	FLIP 81-236	ICARDA/ICRISAT	KBS	X77 SD132/X75 TA16991x75 TA16988	SYR	Aleppo	Developed at ICARDA
4795	FLIP 81-237	ICARDA/ICRISAT	KBS	X77 SD137/X75 TA132xNEC 108	SYR	Aleppo	Developed at ICARDA
4796	FLIP 81-238	ICARDA/ICRISAT	KBS	X77 SD156/X75 TA150x74 TA3272	SYR	Aleppo	Developed at ICARDA
4797	FLIP 81-239	ICARDA/ICRISAT	KBS	X77 SD160/X74 TA2540x74 TA22	SYR	Aleppo	Developed at ICARDA
4798	FLIP 81-240	ICARDA/ICRISAT	KBS	X77 SD165/X75 TA16991x74 TA3278	SYR	Aleppo	Developed at ICARDA
4799	FLIP 81-241	ICARDA/ICRISAT	KBS	X77 SD165/X75 TA16991x74 TA3278	SYR	Aleppo	Developed at ICARDA
4800	FLIP 81-242	ICARDA/ICRISAT	KBS	X77 SD181/X75 TA169x74 TA3272	SYR	Aleppo	Developed at ICARDA
4801	FLIP 81-243	ICARDA/ICRISAT	KBS	X77 SD196/X75 TA196xGiza 1	SYR	Aleppo	Developed at ICARDA
4802	FLIP 81-244	ICARDA/ICRISAT	KBS	X77 SD204/76228xGiza 1	SYR	Aleppo	Developed at ICARDA
4803	FLIP 81-245	ICARDA/ICRISAT	KBS	X77 SD204/76228xGiza 1	SYR	Aleppo	Developed at ICARDA
4804	FLIP 81-246	ICARDA/ICRISAT	KBS	X77 SD204/76228xGiza 1	SYR	Aleppo	Developed at ICARDA
4805	FLIP 81-247	ICARDA/ICRISAT	KBS	X77 SD204/76228xGiza 1	SYR	Aleppo	Developed at ICARDA
4806	FLIP 81-248	ICARDA/ICRISAT	KBS	X77 SD204/76228xGiza 1	SYR	Aleppo	Developed at ICARDA
4807	FLIP 81-249	ICARDA/ICRISAT	KBS	X77 SD205/X75 TA16029xGiza 1	SYR	Aleppo	Developed at ICARDA
4808	FLIP 81-250	ICARDA/ICRISAT	KBS	X77 SD205/X75 TA16029xGiza 1	SYR	Aleppo	Developed at ICARDA
4809	FLIP 81-251	ICARDA/ICRISAT	KBS	X77 SD205/X75 TA16029xGiza 1	SYR	Aleppo	Developed at ICARDA
4810	FLIP 81-252	ICARDA/ICRISAT	KBS	X77 SD205/X75 TA16029xGiza 1	SYR	Aleppo	Developed at ICARDA
4811	FLIP 81-253	ICARDA/ICRISAT	KBS	X77 SD205/X75 TA16029xGiza 1	SYR	Aleppo	Developed at ICARDA
4812	FLIP 81-254	ICARDA/ICRISAT	KBS	X77 SD205/X75 TA16029xGiza 1	SYR	Aleppo	Developed at ICARDA
4813	FLIP 81-255	ICARDA/ICRISAT	KBS	X77 SD205/X75 TA16029xGiza 1	SYR	Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLHO/PED	ORI	PRO	LOC/REM
4814	FLIP 81-256	ICARDA/ICRISAT	KBS	X77 SD205/X75 TA16029xGiza 1	SYR	Aleppo	Developed at ICARDA
4815	FLIP 81-257	ICARDA/ICRISAT	KBS	X77 SD205/X75 TA16029xGiza 1	SYR	Aleppo	Developed at ICARDA
4815	FLIP 81-257	ICARDA/ICRISAT	KBS	X77 SD205/X75 TA15029xGiza 1	SYR	Aleppo	Developed at ICARDA
4817	FLIP 81-259	ICARDA/ICRISAT	KBS	X77 SD212/X75 TA17175xGiza 1	SYR	Aleppo	Developed at ICARDA
4818	FLIP 81-260	ICARDA/ICRISAT	KBS	X77 SD212/X75 TA17175xGiza 1	SYR	Aleppo	Developed at ICARDA
4819	FLIP 81-261	ICARDA/ICRISAT	KBS	X77 SD212/X75 TA17175xGiza 1	SYR	Aleppo	Developed at ICARDA
4820	FLIP 81-262	ICARDA/ICRISAT	KBS	X77 SD212/X75 TA17175xGiza 1	SYR	Aleppo	Developed at ICARDA
4821	FLIP 81-263	ICARDA/ICRISAT	KBS	X77 SD212/X75 TA17175xGiza 1	SYR	Aleppo	Developed at ICARDA
4822	FLIP 81-264	ICARDA/ICRISAT	KBS	X77 SD213/X75 TA17176xGiza 1	SYR	Aleppo	Developed at ICARDA
4823	FLIP 81-265	ICARDA/ICRISAT	KBS	X77 SD213/X75 TA17176xGiza 1	SYR	Aleppo	Developed at ICARDA
4824	FLIP 81-266	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
4825	FLIP 81-267	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
4826	FLIP 81-268	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
4827	FLIP 81-269	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
4828	FLIP 81-270	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4829	FLIP 81-271	ICARDA/ICRISAT	KBS/MVR	X79 TH46/ILC 618xILC 194	SYR	Aleppo	Developed at ICARDA
4830	FLIP 81-272	ICARDA/ICRISAT	KBS/MVR	X79 TH46/ILC 618xILC 194	SYR	Aleppo	Developed at ICARDA
4831	FLIP 81-273	ICARDA/ICRISAT	KBS/MVR	X79 TH46/ILC 618xILC 194	SYR	Aleppo	Developed at ICARDA
4832	FLIP 81-274	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4833	FLIP 81-275	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4834	FLIP 81-276	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4835	FLIP 81-277	ICARDA/ICRISAT	KBS/MVR	X79 TH25/ILC 262xILC 194	SYR	Aleppo	Developed at ICARDA
4836	FLIP 81-278	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
4837	FLIP 81-279	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
4838	FLIP 81-280	ICARDA/ICRISAT	KBS/MVR	X75 TH45/ILC 618xILC 183	SYR	Aleppo	Developed at ICARDA
4839	FLIP 81-281	ICARDA/ICRISAT	KBS/MVR	X79 TH45/ILC 618xILC 183	SYR	Aleppo	Developed at ICARDA
4840	FLIP 81-282	ICARDA/ICRISAT	KBS/MVR	X79 TH45/ILC 618xILC 183	SYR	Aleppo	Developed at ICARDA
4841	FLIP 81-283	ICARDA/ICRISAT	KBS/MVR	X79 TH45/ILC 618xILC 183	SYR	Aleppo	Developed at ICARDA
4842	FLIP 81-284	ICARDA/ICRISAT	KBS/MVR	X79 TH53/ILC 52xILC 183	SYR	Aleppo	Developed at ICARDA
4843	FLIP 81-285	ICARDA/ICRISAT	KBS/MVR	X79 TH64/ILC 50xILC 194	SYR	Aleppo	Developed at ICARDA
4844	FLIP 81-286	ICARDA/ICRISAT	KBS/MVR	X79 TH76/ILC 625xILC 200	SYR	Aleppo	Developed at ICARDA
4845	FLIP 81-287	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
4846	FLIP 81-288	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
4847	FLIP 81-289	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
4848	FLIP 81-290	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
4849	FLIP 81-291	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
4850	FLIP 81-292	ICARDA/ICRISAT	KBS/MVR	X79 TH8/ILC 191xILC 496	SYR	Aleppo	Developed at ICARDA
4851	FLIP 81-293	ICARDA/ICRISAT	KBS/MVR	X79 TH293/ILC 191xILC 496	SYR	Aleppo	Developed at ICARDA
4852	FLIP 81-294	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4853	FLIP 81-295	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
4854	FLIP 81-296	ICARDA/ICRISAT	KBS/MVR	X79 TH34/ILC 501xILC 183	SYR	Aleppo	Developed at ICARDA
4855	FLIP 81-297	ICARDA/ICRISAT	KBS/MVR	X79 TH45/ILC 618xILC 183	SYR	Aleppo	Developed at ICARDA
4856	FLIP 81-298	ICARDA/ICRISAT	KBS/MVR	X79 TH45/ILC 618xILC 183	SYR	Aleppo	Developed at ICARDA
4857	FLIP 81-299	ICARDA/ICRISAT	KBS/MVR	X79 TH45/ILC 618xILC 183	SYR	Aleppo	Developed at ICARDA
4858	FLIP 81-300	ICARDA/ICRISAT	KBS/MVR	X79 TH45/ILC 618xILC 183	SYR	Aleppo	Developed at ICARDA
4859	FLIP 81-301	ICARDA/ICRISAT	KBS/MVR	X79 TH46/ILC 618xILC 194	SYR	Aleppo	Developed at ICARDA
4860	FLIP 81-302	ICARDA/ICRISAT	KBS/MVR	X79 TH46/ILC 618xILC 194	SYR	Aleppo	Developed at ICARDA
4861	FLIP 81-303	ICARDA/ICRISAT	KBS/MVR	X79 TH64/ILC 50xILC 194	SYR	Aleppo	Developed at ICARDA
4862	FLIP 81-304	ICARDA/ICRISAT	KBS/MVR	X79 TH155/ILC 201xILC 571	SYR	Aleppo	Developed at ICARDA
4863	FLIP 81-305	ICARDA/ICRISAT	KBS/MVR	X79 TH1/ILC 118xILC 183	SYR	Aleppo	Developed at ICARDA
4864	FLIP 81-306	ICARDA/ICRISAT	KBS/MVR	X79 TH34/X75 TA37xNEC 139	SYR	Aleppo	Developed at ICARDA
4865	FLIP 81-307	ICARDA/ICRISAT	KBS/MVR	X79 TH34/X75 TA27xNEC 139	SYR	Aleppo	Developed at ICARDA
4866	FLIP 81-308	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4867	FLIP 81-309	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4868	FLIP 81-310	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4869	FLIP 81-311	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4870	FLIP 81-312	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4871	FLIP 81-313	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4872	FLIP 81-314	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4873	FLIP 81-315	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4874	FLIP 81-316	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4875	FLIP 81-317	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4876	FLIP 81-318	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4877	FLIP 81-319	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4878	FLIP 81-320	ICARDA/ICRISAT	KBS/MVR	X79 TH24/ILC 262xILC 191	SYR	Aleppo	Developed at ICARDA
4879	FLIP 81-321	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
4880	FLIP 81-322	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
4881	FLIP 81-323	ICARDA/ICRISAT	KBS/MVR	X79 TH45/ILC 618xILC 183	SYR	Aleppo	Developed at ICARDA
4882	FLIP 81-324	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 591xILC 200	SYR	Aleppo	Developed at ICARDA
4883	FLIP 81-325	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 59xILC 200	SYR	Aleppo	Developed at ICARDA
4884	FLIP 81-326	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 59xILC 200	SYR	Aleppo	Developed at ICARDA
4885	FLIP 81-327	ICARDA/ICRISAT	KBS/MVR	X79 TH53/ILC 52xILC 183	SYR	Aleppo	Developed at ICARDA
4886	FLIP 81-328	ICARDA/ICRISAT	KBS/MVR	X79 TH59/ILC 16xILC 191	SYR	Aleppo	Developed at ICARDA
4887	FLIP 81-329	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
4888	FLIP 81-330	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
4889	FLIP 81-331	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
4890	FLIP 81-332	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
4891	FLIP 81-333	ICARDA/ICRISAT	KBS/MVR	X79 TH168/ILC 72xILC 573	SYR	Aleppo	Developed at ICARDA
4892	FLIP 81-334	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4893	FLIP 81-335	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA

ILC DC#	CLOR	COLL	CLNO/PED	ORI PRO	LOC/PEM
4894	FLIP 81-336	ICARDA/ICRISAT	KBS/MVR X79 TH40/ILC 860xILC 200	SYR Aleppo	Developed at ICARDA
4895	FLIP 81-337	ICARDA/ICRISAT	KBS/MVR X79 TH50/ILC 591xILC 200	SYR Aleppo	Developed at ICARDA
4896	FLIP 81-338	ICARDA/ICRISAT	KBS/MVR X79 TH53/ILC 52xILC 183	SYR Aleppo	Developed at ICARDA
4897	FLIP 81-339	ICARDA/ICRISAT	KBS/MVR X79 TH64/ILC 50xILC 194	SYR Aleppo	Developed at ICARDA
4898	FLIP 81-340	ICARDA/ICRISAT	KBS/MVR X79 TH82/ILC 591xILC 196	SYR Aleppo	Developed at ICARDA
4899	FLIP 81-341	ICARDA/ICRISAT	KBS/MVR X79 TH118/ILC 1920xILC 195	SYR Aleppo	Developed at ICARDA
4900	FLIP 81-342	ICARDA/ICRISAT	KBS/MVR X79 TH123/ILC 1929xILC 200	SYR Aleppo	Developed at ICARDA
4901	FLIP 81-343	ICARDA/ICRISAT	KBS/MVR X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
4902	FLIP 81-344	ICARDA/ICRISAT	KBS/MVR X79 TH101/ILC 523xILC 183	SYR Aleppo	Developed at ICARDA
4903	FLIP 81-345	ICARDA/ICRISAT	KBS/MVR X79 TH101/ILC 523xILC 183	SYR Aleppo	Developed at ICARDA
4904	FLIP 81-346	ICARDA/ICRISAT	KBS/MVR X79 TH123/ILC 1929xILC 200	SYR Aleppo	Developed at ICARDA
4905	FLIP 81-347	ICARDA/ICRISAT	KBS/MVR X79 TH123/ILC 1929xILC 200	SYR Aleppo	Developed at ICARDA
4906	FLIP 81-348	ICARDA/ICRISAT	KBS/MVR X77 SD6/X75 TA17xNEC 139	SYR Aleppo	Developed at ICARDA
4907	FLIP 81-349	ICARDA/ICRISAT	KBS/MVR X77 SD34/X75 TA37xNEC 139	SYR Aleppo	Developed at ICARDA
4908	FLIP 81-350	ICARDA/ICRISAT	KBS/MVR X79 TH203/ILC 953xILC 201	SYR Aleppo	Developed at ICARDA
4909	FLIP 81-351	ICARDA/ICRISAT	KBS/MVR X79 TH219/ILC 201xILC 3248	SYR Aleppo	Developed at ICARDA
4910	FLIP 81-352	ICARDA/ICRISAT	KBS/MVR X79 TH219/ILC 201xILC 3248	SYR Aleppo	Developed at ICARDA
4911	FLIP 81-353	ICARDA/ICRISAT	KBS/MVR X79 TH215/ILC 391xILC 72	SYR Aleppo	Developed at ICARDA
4912	FLIP 81-354	ICARDA/ICRISAT	KBS/MVR X79 TH216/ILC 202xILC 577	SYR Aleppo	Developed at ICARDA
4913	FLIP 81-355	ICARDA/ICRISAT	KBS/MVR X79 TH216/ILC 202xILC 577	SYR Aleppo	Developed at ICARDA
4914	FLIP 81-356	ICARDA/ICRISAT	KBS/MVR X79 TH216/ILC 202xILC 577	SYR Aleppo	Developed at ICARDA
4915	FLIP 81-357	ICARDA/ICRISAT	KBS/MVR X79 TH216/ILC 202xILC 577	SYR Aleppo	Developed at ICARDA
4916	FLIP 81-358	ICARDA/ICRISAT	KBS/MVR X79 TH220/ILC 72xILC 480	SYR Aleppo	Developed at ICARDA
4917	FLIP 81-359	ICARDA/ICRISAT	KBS/MVR X79 TH8/ILC 191xILC 496	SYR Aleppo	Developed at ICARDA
4918	FLIP 81-360	ICARDA/ICRISAT	KBS/MVR X79 TH16/ILC 630xILC 200	SYR Aleppo	Developed at ICARDA
4919	FLIP 81-361	ICARDA/ICRISAT	KBS/MVR X79 TH16/ILC 630xILC 200	SYR Aleppo	Developed at ICARDA
4920	FLIP 81-362	ICARDA/ICRISAT	KBS/MVR X79 TH25/ILC 262xILC 194	SYR Aleppo	Developed at ICARDA
4921	FLIP 81-363	ICARDA/ICRISAT	KBS/MVR X79 TH50/ILC 591xILC 200	SYR Aleppo	Developed at ICARDA
4922	FLIP 81-364	ICARDA/ICRISAT	KBS/MVR X79 TH50/ILC 591xILC 200	SYR Aleppo	Developed at ICARDA
4923	FLIP 81-365	ICARDA/ICRISAT	KBS/MVR X79 TH50/ILC 591xILC 200	SYR Aleppo	Developed at ICARDA
4924	FLIP 81-366	ICARDA/ICRISAT	KBS/MVR X79 TH59/ILC 16xILC 191	SYR Aleppo	Developed at ICARDA
4925	FLIP 81-367	ICARDA/ICRISAT	KBS/MVR X79 TH64/ILC 50xILC 194	SYR Aleppo	Developed at ICARDA
4926	FLIP 81-368	ICARDA/ICRISAT	KBS/MVR X79 TH64/ILC 50xILC 194	SYR Aleppo	Developed at ICARDA
4927	FLIP 81-369	ICARDA/ICRISAT	KBS/MVR X79 TH76/ILC 625xILC 200	SYR Aleppo	Developed at ICARDA
4928	FLIP 81-370	ICARDA/ICRISAT	KBS/MVR X79 TH82/ILC 591xILC 146	SYR Aleppo	Developed at ICARDA
4929	FLIP 81-371	ICARDA/ICRISAT	KBS/MVR X79 TH82/ILC 591xILC 146	SYR Aleppo	Developed at ICARDA
4930	FLIP 81-372	ICARDA/ICRISAT	KBS/MVR X79 TH101/ILC 523xILC 183	SYR Aleppo	Developed at ICARDA
4931	FLIP 81-373	ICARDA/ICRISAT	KBS/MVR X79 TH123/ILC 1929xILC 200	SYR Aleppo	Developed at ICARDA
4932	FLIP 81-374	ICARDA/ICRISAT	KBS/MVR X75 TH123/ILC 1929xILC 200	SYR Aleppo	Developed at ICARDA
4933	FLIP 81-375	ICARDA/ICRISAT	KBS/MVR X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA

ILC	DOMO	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
4934	FLIP	81-376	ICARDA/ICRISAT	KBS/MVR X79 TH156/ILC 201xILC 1052	SYR	Aleppo	Developed at ICARDA
4935	FLIP	81-377	ICARDA/ICRISAT	KBS/MVR X79 TH158/ILC 202xILC 893	SYR	Aleppo	Developed at ICARDA
4936	FLIP	81-378	ICARDA/ICRISAT	KBS/MVR X79 TH167/ILC 72xILC 26	SYR	Aleppo	Developed at ICARDA
4937	FLIP	81-379	ICARDA/ICRISAT	KBS/MVR X79 TH16/ILC 30xILC 200	SYR	Aleppo	Developed at ICARDA
4938	FLIP	81-380	ICARDA/ICRISAT	KBS/MVR X79 TH16/ILC 30xILC 200	SYR	Aleppo	Developed at ICARDA
4939	FLIP	81-381	ICARDA/ICRISAT	KBS/MVR X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4940	FLIP	81-382	ICARDA/ICRISAT	KBS/MVR X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4941	FLIP	81-383	ICARDA/ICRISAT	KBS/MVR X79 TH24/ILC 262xILC 191	SYR	Aleppo	Developed at ICARDA
4942	FLIP	81-384	ICARDA/ICRISAT	KBS/MVR X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
4943	FLIP	81-385	ICARDA/ICRISAT	KBS/MVR X79 TH50/ILC 591xILC 200	SYR	Aleppo	Developed at ICARDA
4944	FLIP	81-386	ICARDA/ICRISAT	KBS/MVR X79 TH59/ILC 16xILC 191	SYR	Aleppo	Developed at ICARDA
4945	FLIP	81-387	ICARDA/ICRISAT	KBS/MVR X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4946	FLIP	81-388	ICARDA/ICRISAT	KBS/MVR X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4947	FLIP	81-389	ICARDA/ICRISAT	KBS/MVR X79 TH158/ILC 202xILC 893	SYR	Aleppo	Developed at ICARDA
4948	FLIP	81-390	ICARDA/ICRISAT	KBS/MVR IC751269-22	SYR	Aleppo	Developed at ICARDA
4949	FLIP	81-391	ICARDA/ICRISAT	KBS/MVR X75 TA55/NEC 1540xH223	SYR	Aleppo	Developed at ICARDA
4950	FLIP	81-392	ICARDA/ICRISAT	KBS/MVR X75 TA133/NEC 14xNEC 139	SYR	Aleppo	Developed at ICARDA
4951	FLIP	81-393	ICARDA/ICRISAT	KBS/MVR IC751921-16	SYR	Aleppo	Developed at ICARDA
4952	FLIP	81-394	ICARDA/ICRISAT	KBS/MVR IC751269-BP-9	SYR	Aleppo	Developed at ICARDA
4953	FLIP	81-395	ICARDA/ICRISAT	KBS/MVR IC751819-IP-SP	SYR	Aleppo	Developed at ICARDA
4954	FLIP	81-396	ICARDA/ICRISAT	KBS/MVR -	SYR	Aleppo	Developed at ICARDA
4955	FLIP	82-1	ICARDA/ICRISAT	KBS/MVR X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
4956	FLIP	82-2	ICARDA/ICRISAT	KBS/MVR X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
4957	FLIP	82-3	ICARDA/ICRISAT	KBS/MVR X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
4958	FLIP	82-4	ICARDA/ICRISAT	KBS/MVR X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
4959	FLIP	82-5	ICARDA/ICRISAT	KBS/MVR X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
4960	FLIP	82-6	ICARDA/ICRISAT	KBS/MVR X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
4961	FLIP	82-7	ICARDA/ICRISAT	KBS/MVR X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
4962	FLIP	82-8	ICARDA/ICRISAT	KBS/MVR X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
4963	FLIP	82-9	ICARDA/ICRISAT	KBS/MVR X79 TH168/ILC 72xILC 573	SYR	Aleppo	Developed at ICARDA
4964	FLIP	82-10	ICARDA/ICRISAT	KBS/MVR X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
4965	FLIP	82-11	ICARDA/ICRISAT	KBS/MVR X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
4966	FLIP	82-12	ICARDA/ICRISAT	KBS/MVR X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
4967	FLIP	82-13	ICARDA/ICRISAT	KBS/MVR X79 TH168/ILC 72xILC 573	SYR	Aleppo	Developed at ICARDA
4968	FLIP	82-14	ICARDA/ICRISAT	KBS/MVR X79 TH168/ILC 72xILC 573	SYR	Aleppo	Developed at ICARDA
4969	FLIP	82-15	ICARDA/ICRISAT	KBS/MVR X79 TH168/ILC 72xILC 573	SYR	Aleppo	Developed at ICARDA
4970	FLIP	82-16	ICARDA/ICRISAT	KBS/MVR X79 TH168/ILC 72xILC 573	SYR	Aleppo	Developed at ICARDA
4971	FLIP	82-17	ICARDA/ICRISAT	KBS/MVR X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4972	FLIP	82-18	ICARDA/ICRISAT	KBS/MVR X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4973	FLIP	82-19	ICARDA/ICRISAT	KBS/MVR X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
4974	FLIP 82-20	ICARDA/ICRISAT	KBS/MVR	X79 TH25/ILC 262xILC 194	SYR	Aleppo	Developed at ICARDA
4975	FLIP 82-21	ICARDA/ICRISAT	KBS/MVR	X79 TH118/ILC 1920xILC 195	SYR	Aleppo	Developed at ICARDA
4976	FLIP 82-22	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4977	FLIP 82-23	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4978	FLIP 82-24	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 591xILC 200	SYR	Aleppo	Developed at ICARDA
4979	FLIP 82-25	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4980	FLIP 82-26	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4981	FLIP 82-27	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
4982	FLIP 82-28	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
4983	FLIP 82-29	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 591xILC 200	SYR	Aleppo	Developed at ICARDA
4984	FLIP 82-30	ICARDA/ICRISAT	KBS/MVR	X79 TH53/ILC 52xILC 183	SYR	Aleppo	Developed at ICARDA
4985	FLIP 82-31	ICARDA/ICRISAT	KBS/MVR	X79 TH82/ILC 591xILC 196	SYR	Aleppo	Developed at ICARDA
4986	FLIP 82-32	ICARDA/ICRISAT	KBS/MVR	X79 TH101/ILC 523xILC 183	SYR	Aleppo	Developed at ICARDA
4987	FLIP 82-33	ICARDA/ICRISAT	KBS/MVR	X79 TH101/ILC 523xILC 183	SYR	Aleppo	Developed at ICARDA
4988	FLIP 82-34	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4989	FLIP 82-35	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4990	FLIP 82-36	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4991	FLIP 82-37	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
4992	FLIP 82-38	ICARDA/ICRISAT	KBS/MVR	X79 TH158/ILC 202xILC 893	SYR	Aleppo	Developed at ICARDA
4993	FLIP 82-39	ICARDA/ICRISAT	KBS/MVR	X79 TH158/ILC 202xILC 893	SYR	Aleppo	Developed at ICARDA
4994	FLIP 82-40	ICARDA/ICRISAT	KBS/MVR	X79 TH8/ILC 191xILC 196	SYR	Aleppo	Developed at ICARDA
4995	FLIP 82-41	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
4996	FLIP 82-42	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
4997	FLIP 82-43	ICARDA/ICRISAT	KBS/MVR	X80 TH199/ILC 3279xIC 78184	SYR	Aleppo	Developed at ICARDA
4998	FLIP 82-44	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
4999	FLIP 82-45	ICARDA/ICRISAT	KBS/MVR	X79 TH168/ILC 72xILC 573	SYR	Aleppo	Developed at ICARDA
5000	FLIP 82-46	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
5001	FLIP 82-47	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 73xILC 897	SYR	Aleppo	Developed at ICARDA
5002	FLIP 82-48	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 73xILC 897	SYR	Aleppo	Developed at ICARDA
5003	FLIP 82-49	ICARDA/ICRISAT	KBS/MVR	X79 TH59/ILC 16xILC 191	SYR	Aleppo	Developed at ICARDA
5004	FLIP 82-50	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5005	FLIP 82-51	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
5006	FLIP 82-52	ICARDA/ICRISAT	KBS/MVR	X79 TH40/ILC 860xILC 200	SYR	Aleppo	Developed at ICARDA
5007	FLIP 82-53	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5008	FLIP 82-54	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
5009	FLIP 82-55	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5010	FLIP 82-56	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5011	FLIP 82-57	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5012	FLIP 82-58	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5013	FLIP 82-59	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA



ILC	DONO	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
5014	FLIP 82-60	ICARDA/ICRISAT	KBS/MVR	X79 TH8/ILC 191xILC 496	SYR	Aleppo	Developed at ICARDA
5015	FLIP 82-61	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5016	FLIP 82-62	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5017	FLIP 82-63	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
5018	FLIP 82-64	ICARDA/ICRISAT	KBS/MVR	X80 TH264/(ILC 480xILC 72)xILC 263	SYR	Aleppo	Developed at ICARDA
5019	FLIP 82-65	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5020	FLIP 82-66	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5021	FLIP 82-67	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5022	FLIP 82-68	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5023	FLIP 82-69	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5024	FLIP 82-70	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
5025	FLIP 82-71	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1729xILC 200	SYR	Aleppo	Developed at ICARDA
5026	FLIP 82-72	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 879	SYR	Aleppo	Developed at ICARDA
5027	FLIP 82-73	ICARDA/ICRISAT	KBS/MVR	X80 TH67/ILC 1919xILC 202	SYR	Aleppo	Developed at ICARDA
5028	FLIP 82-74	ICARDA/ICRISAT	KBS/MVR	X80 TH213/ILC 493xILC 72	SYR	Aleppo	Developed at ICARDA
5029	FLIP 82-75	ICARDA/ICRISAT	KBS/MVR	X79 TH203/ILC 953xILC 201	SYR	Aleppo	Developed at ICARDA
5030	FLIP 82-76	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
5031	FLIP 82-77	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
5032	FLIP 82-78	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
5033	FLIP 82-79	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5034	FLIP 82-80	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5035	FLIP 82-81	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5036	FLIP 82-82	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5037	FLIP 82-83	ICARDA/ICRISAT	KBS/MVR	X79 TH1/ILC 118xILC 183	SYR	Aleppo	Developed at ICARDA
5038	FLIP 82-84	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
5039	FLIP 82-85	ICARDA/ICRISAT	KBS/MVR	X79 TH118/ILC 1920xILC 195	SYR	Aleppo	Developed at ICARDA
5040	FLIP 82-86	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5041	FLIP 82-87	ICARDA/ICRISAT	KBS/MVR	X79 TH101/ILC 523xILC 193	SYR	Aleppo	Developed at ICARDA
5042	FLIP 82-88	ICARDA/ICRISAT	KBS/MVR	X79 TH118/ILC 1920xILC 195	SYR	Aleppo	Developed at ICARDA
5043	FLIP 82-89	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5044	FLIP 82-90	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5045	FLIP 82-91	ICARDA/ICRISAT	KBS/MVR	X79 TH158/ILC 202xILC 893	SYR	Aleppo	Developed at ICARDA
5046	FLIP 82-92	ICARDA/ICRISAT	KBS/MVR	X79 TH158/ILC 202xILC 893	SYR	Aleppo	Developed at ICARDA
5047	FLIP 82-93	ICARDA/ICRISAT	KBS/MVR	X79 TH158/ILC 202xILC 893	SYR	Aleppo	Developed at ICARDA
5048	FLIP 82-94	ICARDA/ICRISAT	KBS/MVR	X79 TH168/ILC 72xILC 573	SYR	Aleppo	Developed at ICARDA
5049	FLIP 82-95	ICARDA/ICRISAT	KBS/MVR	X79 TH203/ILC 953xILC 201	SYR	Aleppo	Developed at ICARDA
5050	FLIP 82-96	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5051	FLIP 82-97	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
5052	FLIP 82-98	ICARDA/ICRISAT	KBS/MVR	X79 TH82/ILC 591xILC 196	SYR	Aleppo	Developed at ICARDA
5053	FLIP 82-99	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 73xILC 897	SYR	Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
5054	FLIP 82-100	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 73xILC 897	SYR	Aleppo	Developed at ICARDA
5055	FLIP 82-101	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 73xILC 897	SYR	Aleppo	Developed at ICARDA
5056	FLIP 82-102	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 591xILC 200	SYR	Aleppo	Developed at ICARDA
5057	FLIP 82-103	ICARDA/ICRISAT	KBS/MVR	X79 TH82/ILC 591xILC 196	SYR	Aleppo	Developed at ICARDA
5058	FLIP 82-104	ICARDA/ICRISAT	KBS/MVR	X79 TH101/ILC 523xILC 183	SYR	Aleppo	Developed at ICARDA
5059	FLIP 82-105	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5060	FLIP 82-106	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5061	FLIP 82-107	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5062	FLIP 82-108	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5063	FLIP 82-109	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5064	FLIP 82-110	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5065	FLIP 82-111	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5066	FLIP 82-112	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
5067	FLIP 82-113	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
5068	FLIP 82-114	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5069	FLIP 82-115	ICARDA/ICRISAT	KBS/MVR	X80 TH199/ILC 3279xILC 78184	SYR	Aleppo	Developed at ICARDA
5070	FLIP 82-116	ICARDA/ICRISAT	KBS/MVR	X80 TH199/ILC 3279xILC 78184	SYR	Aleppo	Developed at ICARDA
5071	FLIP 82-117	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5072	FLIP 82-118	ICARDA/ICRISAT	KBS/MVR	X79 TH159/ILC 202xNEC 1088	SYR	Aleppo	Developed at ICARDA
5073	FLIP 82-119	ICARDA/ICRISAT	KBS/MVR	X79 TH159/ILC 202xNEC 1088	SYR	Aleppo	Developed at ICARDA
5074	FLIP 82-120	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5075	FLIP 82-121	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5076	FLIP 82-122	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5077	FLIP 82-123	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5078	FLIP 82-124	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5079	FLIP 82-125	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5080	FLIP 82-126	ICARDA/ICRISAT	KBS/MVR	X79 TH168/ILC 72xILC 573	SYR	Aleppo	Developed at ICARDA
5081	FLIP 82-127	ICARDA/ICRISAT	KBS/MVR	X79 TH8/ILC 191xILC 496	SYR	Aleppo	Developed at ICARDA
5082	FLIP 82-128	ICARDA/ICRISAT	KBS/MVR	X79 TH8/ILC 191xILC 496	SYR	Aleppo	Developed at ICARDA
5083	FLIP 82-129	ICARDA/ICRISAT	KBS/MVR	X79 TH8/ILC 191xILC 496	SYR	Aleppo	Developed at ICARDA
5084	FLIP 82-130	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
5085	FLIP 82-131	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
5086	FLIP 82-132	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
5087	FLIP 82-133	ICARDA/ICRISAT	KBS/MVR	X79 TH24/ILC 262xILC 191	SYR	Aleppo	Developed at ICARDA
5088	FLIP 82-134	ICARDA/ICRISAT	KBS/MVR	X79 TH25/ILC 262xILC 194	SYR	Aleppo	Developed at ICARDA
5089	FLIP 82-135	ICARDA/ICRISAT	KBS/MVR	X79 TH59/ILC 16xILC 191	SYR	Aleppo	Developed at ICARDA
5090	FLIP 82-136	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5091	FLIP 82-137	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5092	FLIP 82-138	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 73xILC 897	SYR	Aleppo	Developed at ICARDA
5093	FLIP 82-139	ICARDA/ICRISAT	KBS/MVR	Selection from ILC 195	SYR	Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
5094	FLIP 82-140	ICARDA/ICRISAT	KBS/MVR	X79 TH158/ILC 202xILC 893	SYR	Aleppo	Developed at ICARDA
5095	FLIP 82-141	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
5096	FLIP 82-142	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
5097	FLIP 82-143	ICARDA/ICRISAT	KBS/MVR	X79 TH59/ILC 16xILC 191	SYR	Aleppo	Developed at ICARDA
5098	FLIP 82-144	ICARDA/ICRISAT	KBS/MVR	X79 TH101/ILC 523xILC 183	SYR	Aleppo	Developed at ICARDA
5099	FLIP 82-145	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5100	FLIP 82-146	ICARDA/ICRISAT	KBS/MVR	X79 TH82/ILC 591xILC 196	SYR	Aleppo	Developed at ICARDA
5101	FLIP 82-147	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
5102	FLIP 82-148	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 591xILC 200	SYR	Aleppo	Developed at ICARDA
5103	FLIP 82-149	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 591xILC 200	SYR	Aleppo	Developed at ICARDA
5104	FLIP 82-150	ICARDA/ICRISAT	KBS/MVR	X79 TH101/ILC 523xILC 183	SYR	Aleppo	Developed at ICARDA
5105	FLIP 82-151	ICARDA/ICRISAT	KBS/MVR	X79 TH101/ILC 523xILC 183	SYR	Aleppo	Developed at ICARDA
5106	FLIP 82-152	ICARDA/ICRISAT	KBS/MVR	X79 TH101/ILC 523xILC 183	SYR	Aleppo	Developed at ICARDA
5107	FLIP 82-153	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5108	FLIP 82-154	ICARDA/ICRISAT	KBS/MVR	X79 TH158/ILC 202xILC 893	SYR	Aleppo	Developed at ICARDA
5109	FLIP 82-155	ICARDA/ICRISAT	KBS/MVR	X79 TH118/ILC 1920xILC 195	SYR	Aleppo	Developed at ICARDA
5110	FLIP 82-156	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
5111	FLIP 82-157	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5112	FLIP 82-158	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5113	FLIP 82-159	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5114	FLIP 82-160	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5115	FLIP 82-161	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5116	FLIP 82-162	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5117	FLIP 82-163	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5118	FLIP 82-164	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5119	FLIP 82-165	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5120	FLIP 82-166	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5121	FLIP 82-167	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5122	FLIP 82-168	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5123	FLIP 82-169	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5124	FLIP 82-170	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5125	FLIP 82-171	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5126	FLIP 82-172	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5127	FLIP 82-173	ICARDA/ICRISAT	KBS/MVR	X79 TH168/ILC 72xILC 573	SYR	Aleppo	Developed at ICARDA
5128	FLIP 82-174	ICARDA/ICRISAT	KBS/MVR	X79 TH159/ILC 202xNEC 1088	SYR	Aleppo	Developed at ICARDA
5129	FLIP 82-175	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5130	FLIP 82-176	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
5131	FLIP 82-177	ICARDA/ICRISAT	KBS/MVR	X79 TH155/ILC 291xILC 571	SYR	Aleppo	Developed at ICARDA
5132	FLIP 82-178	ICARDA/ICRISAT	KBS/MVR	X80 TH60/ILC 262xILC 3270	SYR	Aleppo	Developed at ICARDA
5133	FLIP 82-179	ICARDA/ICRISAT	KBS/MVR	X79 TH215/ILC 391xILC 72	SYR	Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLFO/PED	ORI	PRO	LOC/REM
5134	FLIP 82-180	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5135	FLIP 82-181	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5136	FLIP 82-182	ICARDA/ICRISAT	KPS/MVR	X79 TH159/ILC 202xNEC 1088	SYR	Aleppo	Developed at ICARDA
5137	FLIP 82-183	ICARDA/ICRISAT	KBS/MVR	X79 TH159/ILC 202xNEC 1088	SYR	Aleppo	Developed at ICARDA
5138	FLIP 82-184	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
5139	FLIP 82-185	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
5140	FLIP 82-186	ICARDA/ICRISAT	KBS/MVR	X79 TH215/ILC 391xILC 72	SYR	Aleppo	Developed at ICARDA
5141	FLIP 82-187	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5142	FLIP 82-188	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5143	FLIP 82-189	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5144	FLIP 82-190	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5145	FLIP 82-191	ICARDA/ICRISAT	KBS/MVR	X79 TH8/ILC 191xILC 496	SYR	Aleppo	Developed at ICARDA
5146	FLIP 82-192	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
5147	FLIP 82-193	ICARDA/ICRISAT	KBS/MVR	X79 TH82/ILC 591xILC 196	SYR	Aleppo	Developed at ICARDA
5148	FLIP 82-194	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5149	FLIP 82-195	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
5150	FLIP 82-196	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
5151	FLIP 82-197	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5152	FLIP 82-198	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5153	FLIP 82-199	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 73xILC 897	SYR	Aleppo	Developed at ICARDA
5154	FLIP 82-200	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 73xILC 897	SYR	Aleppo	Developed at ICARDA
5155	FLIP 82-201	ICARDA/ICRISAT	KBS/MVR	X79 TH155/ILC 201xILC 571	SYR	Aleppo	Developed at ICARDA
5156	FLIP 82-202	ICARDA/ICRISAT	KBS/MVR	X79 TH156/ILC 201xILC 1052	SYR	Aleppo	Developed at ICARDA
5157	FLIP 82-203	ICARDA/ICRISAT	KBS/MVR	X79 TH158/ILC 202xILC 893	SYR	Aleppo	Developed at ICARDA
5158	FLIP 82-204	ICARDA/ICRISAT	KBS/MVR	X79 TH1/ILC 118xILC 183	SYR	Aleppo	Developed at ICARDA
5159	FLIP 82-205	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
5160	FLIP 82-206	ICARDA/ICRISAT	KBS/MVR	X79 TH155/ILC 201xILC 571	SYR	Aleppo	Developed at ICARDA
5161	FLIP 82-207	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
5162	FLIP 82-208	ICARDA/ICRISAT	KBS/MVR	X79 TH49/ILC 591xILC 195	SYR	Aleppo	Developed at ICARDA
5163	FLIP 82-209	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 591xILC 200	SYR	Aleppo	Developed at ICARDA
5164	FLIP 82-210	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5165	FLIP 82-211	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
5166	FLIP 82-212	ICARDA/ICRISAT	KBS/MVR	X79 TH158/ILC 202xILC 893	SYR	Aleppo	Developed at ICARDA
5167	FLIP 82-213	ICARDA/ICRISAT	KBS/MVR	X79 TH8/ILC 191xILC 196	SYR	Aleppo	Developed at ICARDA
5168	FLIP 82-214	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
5169	FLIP 82-215	ICARDA/ICRISAT	KBS/MVR	X79 TH156/ILC 201xILC 1052	SYR	Aleppo	Developed at ICARDA
5170	FLIP 82-216	ICARDA/ICRISAT	KBS/MVR	X79 TH118/ILC 1920xILC 195	SYR	Aleppo	Developed at ICARDA
5171	FLIP 82-217	ICARDA/ICRISAT	KBS/MVR	X79 TH118/ILC 1920xILC 195	SYR	Aleppo	Developed at ICARDA
5172	FLIP 82-218	ICARDA/ICRISAT	KBS/MVR	X79 TH158/ILC 202xILC 893	SYR	Aleppo	Developed at ICARDA
5173	FLIP 82-219	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 879	SYR	Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLNO/PED	ORI PRO	LOC/REM
5174	FLIP 82-220	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR Aleppo	Developed at ICARDA
5175	FLIP 82-221	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR Aleppo	Developed at ICARDA
5176	FLIP 82-222	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR Aleppo	Developed at ICARDA
5177	FLIP 82-223	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR Aleppo	Developed at ICARDA
5178	FLIP 82-224	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR Aleppo	Developed at ICARDA
5179	FLIP 82-225	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR Aleppo	Developed at ICARDA
5180	FLIP 82-226	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR Aleppo	Developed at ICARDA
5181	FLIP 82-227	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR Aleppo	Developed at ICARDA
5182	FLIP 82-228	ICARDA/ICRISAT	KBS/MVR	X79 TH49/ILC 591xILC 195	SYR Aleppo	Developed at ICARDA
5183	FLIP 82-229	ICARDA/ICRISAT	KBS/MVR	X79 TH118/ILC 1920xILC 195	SYR Aleppo	Developed at ICARDA
5184	FLIP 82-230	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5185	FLIP 82-231	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5186	FLIP 82-232	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5187	FLIP 82-233	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5188	FLIP 82-234	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5189	FLIP 82-235	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5190	FLIP 82-236	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5191	FLIP 82-237	ICARDA/ICRISAT	KBS/MVR	X79 TH1/ILC 118xILC 183	SYR Aleppo	Developed at ICARDA
5192	FLIP 82-238	ICARDA/ICRISAT	KBS/MVR	X79 TH82/ILC 591xILC 196	SYR Aleppo	Developed at ICARDA
5193	FLIP 82-239	ICARDA/ICRISAT	KBS/MVR	X79 TH101/ILC 523xILC 183	SYR Aleppo	Developed at ICARDA
5194	FLIP 82-240	ICARDA/ICRISAT	KBS/MVR	X79 TH159/ILC 202xNEC 1088	SYR Aleppo	Developed at ICARDA
5195	FLIP 82-241	ICARDA/ICRISAT	KBS/MVR	X80 TH60/ILC 262xILC 3279	SYR Aleppo	Developed at ICARDA
5196	FLIP 82-242	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR Aleppo	Developed at ICARDA
5197	FLIP 82-243	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR Aleppo	Developed at ICARDA
5198	FLIP 82-244	ICARDA/ICRISAT	KBS/MVR	X79 TH203/ILC 953xILC 201	SYR Aleppo	Developed at ICARDA
5199	FLIP 82-245	ICARDA/ICRISAT	KBS/MVR	X79 TH50/ILC 591xILC 200	SYR Aleppo	Developed at ICARDA
5200	FLIP 82-246	ICARDA/ICRISAT	KBS/MVR	X79 TH76/ILC 625xILC 200	SYR Aleppo	Developed at ICARDA
5201	FLIP 82-247	ICARDA/ICRISAT	KBS/MVR	X79 TH118/ILC 1920xILC 195	SYR Aleppo	Developed at ICARDA
5202	FLIP 82-248	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5203	FLIP 82-249	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR Aleppo	Developed at ICARDA
5204	FLIP 82-250	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR Aleppo	Developed at ICARDA
5205	FLIP 82-251	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5206	FLIP 82-252	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR Aleppo	Developed at ICARDA
5207	FLIP 82-253	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5208	FLIP 82-254	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5209	FLIP 82-255	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5210	FLIP 82-256	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR Aleppo	Developed at ICARDA
5211	FLIP 82-257	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR Aleppo	Developed at ICARDA
5212	FLIP 82-258	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5213	FLIP 82-259	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA

ILC DOWO	CLOR	COLL	CLNO/PED	ORI PRO	LOC/REM
5214	FLIP 82-260	ICARDA/ICRISAT	KBS/MVR X79 TH220/ILC 72xILC 480	SYR Aleppo	Developed at ICARDA
5215	FLIP 82-261	ICARDA/ICRISAT	KBS/MVR X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5216	FLIP 83-1	ICARDA/ICRISAT	KBS/MVR X81 TH9/ILC 480xILC 202	SYR Aleppo	Developed at ICARDA
5217	FLIP 83-2	ICARDA/ICRISAT	KBS/MVR X81 TH15/ILC 480xILC 2956	SYR Aleppo	Developed at ICARDA
5218	FLIP 83-3	ICARDA/ICRISAT	KBS/MVR X81 TH44/ILC 1920xILC 187	SYR Aleppo	Developed at ICARDA
5219	FLIP 83-4	ICARDA/ICRISAT	KBS/MVR X81 TH45/ILC 1920xILC 191	SYR Aleppo	Developed at ICARDA
5220	FLIP 83-5	ICARDA/ICRISAT	KBS/MVR X81 TH16/ILC 480xILC 3279	SYR Aleppo	Developed at ICARDA
5221	FLIP 83-6	ICARDA/ICRISAT	KBS/MVR X80 TH264/(ILC 480xILC 72)xILC 263	SYR Aleppo	Developed at ICARDA
5222	FLIP 83-7	ICARDA/ICRISAT	KBS/MVR X80 TH264/(ILC 480xILC 72)xILC 263	SYR Aleppo	Developed at ICARDA
5223	FLIP 83-8	ICARDA/ICRISAT	KBS/MVR X80 TH60/ILC 262xILC 3279	SYR Aleppo	Developed at ICARDA
5224	FLIP 83-9	ICARDA/ICRISAT	KBS/MVR X79 TH221/ILC 72xILC 1922	SYR Aleppo	Developed at ICARDA
5225	FLIP 83-10	ICARDA/ICRISAT	KBS/MVR X79 TH168/ILC 72xILC 573	SYR Aleppo	Developed at ICARDA
5226	FLIP 83-11	ICARDA/ICRISAT	KBS/MVR X79 TH159/ILC 202xNEC 1088	SYR Aleppo	Developed at ICARDA
5227	FLIP 83-12	ICARDA/ICRISAT	KBS/MVR X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5228	FLIP 83-13	ICARDA/ICRISAT	KBS/MVR X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5229	FLIP 83-14	ICARDA/ICRISAT	KBS/MVR X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5230	FLIP 83-15	ICARDA/ICRISAT	KBS/MVR X80 TH177/ILC 195xILC 482	SYR Aleppo	Developed at ICARDA
5231	FLIP 83-16	ICARDA/ICRISAT	KBS/MVR X80 TH181/ILC 3279xILC 1108	SYR Aleppo	Developed at ICARDA
5232	FLIP 83-17	ICARDA/ICRISAT	KBS/MVR X80 TH181/ILC 3279xILC 1108	SYR Aleppo	Developed at ICARDA
5233	FLIP 83-18	ICARDA/ICRISAT	KBS/MVR X80 TH264/(ILC 480xILC 72)xILC 263	SYR Aleppo	Developed at ICARDA
5234	FLIP 83-19	ICARDA/ICRISAT	KBS/MVR X80 TH264/(ILC 480xILC 72)xILC 263	SYR Aleppo	Developed at ICARDA
5235	FLIP 83-20	ICARDA/ICRISAT	KBS/MVR X80 TH264/(ILC 480xILC 72)xILC 263	SYR Aleppo	Developed at ICARDA
5236	FLIP 83-21	ICARDA/ICRISAT	KBS/MVR X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5237	FLIP 83-22	ICARDA/ICRISAT	KBS/MVR X80 TH177/ILC 195xILC 482	SYR Aleppo	Developed at ICARDA
5238	FLIP 83-23	ICARDA/ICRISAT	KBS/MVR X79 TH219/ILC 201xILC 3248	SYR Aleppo	Developed at ICARDA
5239	FLIP 83-24	ICARDA/ICRISAT	KBS/MVR X79 TH219/ILC 201xILC 3248	SYR Aleppo	Developed at ICARDA
5240	FLIP 83-25	ICARDA/ICRISAT	KBS/MVR X79 TH220/ILC 72xILC 480	SYR Aleppo	Developed at ICARDA
5241	FLIP 83-26	ICARDA/ICRISAT	KBS/MVR X79 TH220/ILC 72xILC 480	SYR Aleppo	Developed at ICARDA
5242	FLIP 83-27	ICARDA/ICRISAT	KBS/MVR X79 TH1/ILC 118xILC 183	SYR Aleppo	Developed at ICARDA
5243	FLIP 83-28	ICARDA/ICRISAT	KBS/MVR X79 TH101/ILC 523xILC 183	SYR Aleppo	Developed at ICARDA
5244	FLIP 83-29	ICARDA/ICRISAT	KBS/MVR X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5245	FLIP 83-30	ICARDA/ICRISAT	KBS/MVR X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5246	FLIP 83-31	ICARDA/ICRISAT	KBS/MVR X79 TH123/ILC 1929xILC 200	SYR Aleppo	Developed at ICARDA
5247	FLIP 83-32	ICARDA/ICRISAT	KBS/MVR X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5248	FLIP 83-33	ICARDA/ICRISAT	KBS/MVR X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA
5249	FLIP 83-34	ICARDA/ICRISAT	KBS/MVR X79 TH158/ILC 202xILC 893	SYR Aleppo	Developed at ICARDA
5250	FLIP 83-35	ICARDA/ICRISAT	KBS/MVR X79 TH158/ILC 202xILC 893	SYR Aleppo	Developed at ICARDA
5251	FLIP 83-36	ICARDA/ICRISAT	KBS/MVR X79 TH50/ILC 519xILC 200	SYR Aleppo	Developed at ICARDA
5252	FLIP 83-37	ICARDA/ICRISAT	KBS/MVR X79 TH158/ILC 202xILC 893	SYR Aleppo	Developed at ICARDA
5253	FLIP 83-38	ICARDA/ICRISAT	KBS/MVR X79 TH151/ILC 72xILC 897	SYR Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
5254	FLIP 83-39	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
5255	FLIP 83-40	ICARDA/ICRISAT	KBS/MVR	X79 TH112/ILC 1043xILC 194	SYR	Aleppo	Developed at ICARDA
5256	FLIP 83-41	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5257	FLIP 83-42	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5258	FLIP 83-43	ICARDA/ICRISAT	KBS/MVR	X79 TH203/ILC 953xILC 201	SYR	Aleppo	Developed at ICARDA
5259	FLIP 83-44	ICARDA/ICRISAT	KBS/MVR	X79 TH159/ILC 202xNEC 1088	SYR	Aleppo	Developed at ICARDA
5260	FLIP 83-45	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR	Aleppo	Developed at ICARDA
5261	FLIP 83-46	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR	Aleppo	Developed at ICARDA
5262	FLIP 83-47	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR	Aleppo	Developed at ICARDA
5263	FLIP 83-48	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR	Aleppo	Developed at ICARDA
5264	FLIP 83-49	ICARDA/ICRISAT	KBS/MVR	X80 TH181/ILC 3279xILC 1108	SYR	Aleppo	Developed at ICARDA
5265	FLIP 83-50	ICARDA/ICRISAT	KBS/MVR	X80 TH264/(ILC 480xILC 72)xILC 263	SYR	Aleppo	Developed at ICARDA
5266	FLIP 83-51	ICARDA/ICRISAT	KBS/MVR	X80 TH69/ILC 263xILC 200	SYR	Aleppo	Developed at ICARDA
5267	FLIP 83-52	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
5268	FLIP 83-53	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5269	FLIP 83-54	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1929	SYR	Aleppo	Developed at ICARDA
5270	FLIP 83-55	ICARDA/ICRISAT	KBS/MVR	X79 TH215/ILC 391xILC 72	SYR	Aleppo	Developed at ICARDA
5271	FLIP 83-56	ICARDA/ICRISAT	KBS/MVR	X79 TH159/ILC 200xNEC 1088	SYR	Aleppo	Developed at ICARDA
5272	FLIP 83-57	ICARDA/ICRISAT	KBS/MVR	X79 TH156/ILC 201xILC 1052	SYR	Aleppo	Developed at ICARDA
5273	FLIP 83-58	ICARDA/ICRISAT	KBS/MVR	X79 TH8/ILC 496xILC 191	SYR	Aleppo	Developed at ICARDA
5274	FLIP 83-59	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR	Aleppo	Developed at ICARDA
5275	FLIP 83-60	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR	Aleppo	Developed at ICARDA
5276	FLIP 83-61	ICARDA/ICRISAT	KBS/MVR	X80 TH264/(ILC 480xILC 72)xILC 263	SYR	Aleppo	Developed at ICARDA
5277	FLIP 83-62	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5278	FLIP 83-63	ICARDA/ICRISAT	KBS/MVR	X79 TH82/ILC 591xILC 196	SYR	Aleppo	Developed at ICARDA
5279	FLIP 83-64	ICARDA/ICRISAT	KBS/MVR	X81 TH116/ILC 191xILC262	SYR	Aleppo	Developed at ICARDA
5280	FLIP 83-65	ICARDA/ICRISAT	KBS/MVR	X80 TH264/(ILC 480xILC 72)xILC 263	SYR	Aleppo	Developed at ICARDA
5281	FLIP 83-66	ICARDA/ICRISAT	KBS/MVR	X80 TH113/ILC 1920xILC 202	SYR	Aleppo	Developed at ICARDA
5282	FLIP 83-67	ICARDA/ICRISAT	KBS/MVR	X79 TH215/ILC 391xILC 72	SYR	Aleppo	Developed at ICARDA
5283	FLIP 83-68	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5284	FLIP 83-69	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5285	FLIP 83-70	ICARDA/ICRISAT	KBS/MVR	X79 TH168/ILC 72xILC 573	SYR	Aleppo	Developed at ICARDA
5286	FLIP 83-71	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC215	SYR	Aleppo	Developed at ICARDA
5287	FLIP 83-72	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC215	SYR	Aleppo	Developed at ICARDA
5288	FLIP 83-73	ICARDA/ICRISAT	KBS/MVR	X80 TH177/ILC 195xILC 482	SYR	Aleppo	Developed at ICARDA
5289	FLIP 83-74	ICARDA/ICRISAT	KBS/MVR	X80 TH181/ILC 3279xILC 1108	SYR	Aleppo	Developed at ICARDA
5290	FLIP 83-75	ICARDA/ICRISAT	KBS/MVR	X80 TH69/ILC 263xILC 200	SYR	Aleppo	Developed at ICARDA
5291	FLIP 83-76	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR	Aleppo	Developed at ICARDA
5292	FLIP 83-77	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR	Aleppo	Developed at ICARDA
5293	FLIP 83-78	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA

ILC	DOB	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
5294	FLIP 83-79	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
5295	FLIP 83-80	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5296	FLIP 83-81	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5297	FLIP 83-82	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5298	FLIP 83-83	ICARDA/ICRISAT	KBS/MVR	X79 TH203/ILC 953xILC 201	SYR	Aleppo	Developed at ICARDA
5299	FLIP 83-84	ICARDA/ICRISAT	KBS/MVR	X79 TH 221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5300	FLIP 83-85	ICARDA/ICRISAT	KBS/MVR	X79 TH159/ILC 202xNEC 1088	SYR	Aleppo	Developed at ICARDA
5301	FLIP 83-86	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5302	FLIP 83-87	ICARDA/ICRISAT	KBS/MVR	X79 TH16/ILC 630xILC 200	SYR	Aleppo	Developed at ICARDA
5303	FLIP 83-88	ICARDA/ICRISAT	KBS/MVR	X79 TH23/ILC 262xILC 183	SYR	Aleppo	Developed at ICARDA
5304	FLIP 83-89	ICARDA/ICRISAT	KBS/MVR	X79 TH53/ILC 52xILC 83	SYR	Aleppo	Developed at ICARDA
5305	FLIP 83-90	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5306	FLIP 83-91	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 73xILC 897	SYR	Aleppo	Developed at ICARDA
5307	FLIP 83-92	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 73xILC 897	SYR	Aleppo	Developed at ICARDA
5308	FLIP 83-93	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 73xILC 897	SYR	Aleppo	Developed at ICARDA
5309	FLIP 83-94	ICARDA/ICRISAT	KBS/MVR	X79 TH155/ILC 201xILC 571	SYR	Aleppo	Developed at ICARDA
5310	FLIP 83-95	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5311	FLIP 83-96	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5312	FLIP 83-97	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR	Aleppo	Developed at ICARDA
5313	FLIP 83-98	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR	Aleppo	Developed at ICARDA
5314	FLIP 83-99	ICARDA/ICRISAT	KBS/MVR	X80 TH263/(ILC 72xILC 263)xILC 1919	SYR	Aleppo	Developed at ICARDA
5315	FLIP 83-100	ICARDA/ICRISAT	KBS/MVR	X80 TH264/(ILC 480xILC 72)xILC 263	SYR	Aleppo	Developed at ICARDA
5316	FLIP 83-101	ICARDA/ICRISAT	KBS/MVR	X80 TH264/(ILC 480xILC 72)xILC 263	SYR	Aleppo	Developed at ICARDA
5317	FLIP 83-102	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5318	FLIP 83-103	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 72xILC 897	SYR	Aleppo	Developed at ICARDA
5319	FLIP 83-104	ICARDA/ICRISAT	KBS/MVR	X79 TH112/ILC 1043xILC 194	SYR	Aleppo	Developed at ICARDA
5320	FLIP 83-105	ICARDA/ICRISAT	KBS/MVR	X79 TH112/ILC 1043xILC 194	SYR	Aleppo	Developed at ICARDA
5321	FLIP 83-106	ICARDA/ICRISAT	KBS/MVR	X80 TH51/ILC 295xILC 202	SYR	Aleppo	Developed at ICARDA
5322	FLIP 83-107	ICARDA/ICRISAT	KBS/MVR	X80 TH199/ILC 3279xILC 78184	SYR	Aleppo	Developed at ICARDA
5323	FLIP 83-108	ICARDA/ICRISAT	KBS/MVR	X79 TH203/ILC 953xILC 201	SYR	Aleppo	Developed at ICARDA
5324	FLIP 83-109	ICARDA/ICRISAT	KBS/MVR	X79 TH215/ILC 391xILC 72	SYR	Aleppo	Developed at ICARDA
5325	FLIP 83-110	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5326	FLIP 83-111	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5327	FLIP 83-112	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5328	FLIP 83-113	ICARDA/ICRISAT	KBS/MVR	X79 TH168/ILC 72xILC 573	SYR	Aleppo	Developed at ICARDA
5329	FLIP 83-114	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR	Aleppo	Developed at ICARDA
5330	FLIP 83-115	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR	Aleppo	Developed at ICARDA
5331	FLIP 83-116	ICARDA/ICRISAT	KBS/MVR	X80 TH263/(ILC 72xILC 263)xILC 1919	SYR	Aleppo	Developed at ICARDA
5332	FLIP 83-117	ICARDA/ICRISAT	KBS/MVR	X79 TH216/ILC 202xILC 577	SYR	Aleppo	Developed at ICARDA
5333	FLIP 83-118	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA



ILC	DOMO	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
5334	FLIP 83-119	ICARDA/ICRISAT	KBS/MVR	X79 TH203/ILC 953xILC 201	SYR	Aleppo	Developed at ICARDA
5335	FLIP 83-120	ICARDA/ICRISAT	KBS/MVR	X79 TH29/ILC 51xILC 200	SYR	Aleppo	Developed at ICARDA
5336	FLIP 83-121	ICARDA/ICRISAT	KBS/MVR	X79 TH151/ILC 73xILC 897	SYR	Aleppo	Developed at ICARDA
5337	FLIP 83-122	ICARDA/ICRISAT	KBS/MVR	X79 TH156/ILC 201xILC 1052	SYR	Aleppo	Developed at ICARDA
5338	FLIP 83-123	ICARDA/ICRISAT	KBS/MVR	X79 TH123/ILC 1929xILC 200	SYR	Aleppo	Developed at ICARDA
5339	FLIP 83-124	ICARDA/ICRISAT	KBS/MVR	X80 TH264/(ILC 480xILC 72)xILC 263	SYR	Aleppo	Developed at ICARDA
5340	FLIP 83-125	ICARDA/ICRISAT	KBS/MVR	X80 TH264/(ILC 480xILC 72)xILC 263	SYR	Aleppo	Developed at ICARDA
5341	FLIP 83-126	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5369	FLIP 84-1	ICARDA/ICRISAT	KBS/MVR	X80 TH116/ILC 191xILC 262	SYR	Aleppo	Developed at ICARDA
5370	FLIP 84-2	ICARDA/ICRISAT	KBS/MVR	X80 TH116/ILC 191xILC 262	SYR	Aleppo	Developed at ICARDA
5371	FLIP 84-3	ICARDA/ICRISAT	KBS/MVR	X82 TH70/ILC 3395xILC 3279	SYR	Aleppo	Developed at ICARDA
5372	FLIP 84-4	ICARDA/ICRISAT	KBS/MVR	X81 TH129/ILC 202xILC 262	SYR	Aleppo	Developed at ICARDA
5373	FLIP 84-5	ICARDA/ICRISAT	KBS/MVR	X81 TH129/ILC 202xILC 262	SYR	Aleppo	Developed at ICARDA
5374	FLIP 84-6	ICARDA/ICRISAT	KBS/MVR	X80 TH265/(ILC 72xILC 196)xILC 262	SYR	Aleppo	Developed at ICARDA
5375	FLIP 84-7	ICARDA/ICRISAT	KBS/MVR	X80 TH176BT/ILC 72xILC 315	SYR	Aleppo	Developed at ICARDA
5376	FLIP 84-8	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR	Aleppo	Developed at ICARDA
5377	FLIP 84-9	ICARDA/ICRISAT	KBS/MVR	X82 TH62/ILC 470xILC 2956	SYR	Aleppo	Developed at ICARDA
5378	FLIP 84-10	ICARDA/ICRISAT	KBS/MVR	X82 TH66/ILC 2956xILC 3279	SYR	Aleppo	Developed at ICARDA
5379	FLIP 84-11	ICARDA/ICRISAT	KBS/MVR	X81 TH116/ILC 191xILC 262	SYR	Aleppo	Developed at ICARDA
5380	FLIP 84-12	ICARDA/ICRISAT	KBS/MVR	X82 TH154/ILC 202xILC 254	SYR	Aleppo	Developed at ICARDA
5381	FLIP 84-13	ICARDA/ICRISAT	KBS/MVR	X82 TH179/ILC 112xILC 191	SYR	Aleppo	Developed at ICARDA
5382	FLIP 84-14	ICARDA/ICRISAT	KBS/MVR	X82 TH179/ILC 112xILC 191	SYR	Aleppo	Developed at ICARDA
5383	FLIP 84-15	ICARDA/ICRISAT	KBS/MVR	X82 TH199/ILC 202(WH)xILC 3355	SYR	Aleppo	Developed at ICARDA
5384	FLIP 84-16	ICARDA/ICRISAT	KBS/MVR	X82 TH203/ILC 3279(WH)xILC 3355	SYR	Aleppo	Developed at ICARDA
5385	FLIP 84-17	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5386	FLIP 84-18	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5387	FLIP 84-19	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5388	FLIP 84-20	ICARDA/ICRISAT	KBS/MVR	X81 TH21/ILC 610xILC 72	SYR	Aleppo	Developed at ICARDA
5389	FLIP 84-21	ICARDA/ICRISAT	KBS/MVR	X81 TH55/ILC 1920xILC 2956	SYR	Aleppo	Developed at ICARDA
5390	FLIP 84-22	ICARDA/ICRISAT	KBS/MVR	X81 TH55/ILC 1920xILC 2956	SYR	Aleppo	Developed at ICARDA
5391	FLIP 84-23	ICARDA/ICRISAT	KBS/MVR	X81 TH55/ILC 1920xILC 2956	SYR	Aleppo	Developed at ICARDA
5392	FLIP 84-24	ICARDA/ICRISAT	KBS/MVR	X81 TH125/ILC 202xILC 482	SYR	Aleppo	Developed at ICARDA
5393	FLIP 84-25	ICARDA/ICRISAT	KBS/MVR	X81 TH104/ILC 72xILC 482	SYR	Aleppo	Developed at ICARDA
5394	FLIP 84-26	ICARDA/ICRISAT	KBS/MVR	X81 TH104/ILC 72xILC 482	SYR	Aleppo	Developed at ICARDA
5395	FLIP 84-27	ICARDA/ICRISAT	KBS/MVR	X81 TH104/ILC 72xILC 482	SYR	Aleppo	Developed at ICARDA
5396	FLIP 84-28	ICARDA/ICRISAT	KBS/MVR	X81 TH104/ILC 72xILC 482	SYR	Aleppo	Developed at ICARDA
5397	FLIP 84-29	ICARDA/ICRISAT	KBS/MVR	X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5398	FLIP 84-30	ICARDA/ICRISAT	KBS/MVR	X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5399	FLIP 84-31	ICARDA/ICRISAT	KBS/MVR	X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5400	FLIP 84-32	ICARDA/ICRISAT	KBS/MVR	X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA

ILC	DOB0	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
5401	FLIP 84-33	ICARDA/ICRISAT	KBS/MVR	X81 TH146/ILC 72xILC 73	SYR	Aleppo	Developed at ICARDA
5402	FLIP 84-34	ICARDA/ICRISAT	KBS/MVR	X81 TH9/ILC 480xILC 202	SYR	Aleppo	Developed at ICARDA
5403	FLIP 84-35	ICARDA/ICRISAT	KBS/MVR	X81 TH45/ILC 1920xILC 191	SYR	Aleppo	Developed at ICARDA
5404	FLIP 84-36	ICARDA/ICRISAT	KBS/MVR	X81 TH45/ILC 1920xILC 191	SYR	Aleppo	Developed at ICARDA
5405	FLIP 84-37	ICARDA/ICRISAT	KBS/MVR	X81 TH49/ILC 1920xILC 202	SYR	Aleppo	Developed at ICARDA
5406	FLIP 84-38	ICARDA/ICRISAT	KBS/MVR	X81 TH9/ILC 480xILC 202	SYR	Aleppo	Developed at ICARDA
5407	FLIP 84-39	ICARDA/ICRISAT	KBS/MVR	X81 TH9/ILC 480xILC 202	SYR	Aleppo	Developed at ICARDA
5408	FLIP 84-40	ICARDA/ICRISAT	KBS/MVR	X21 TH9/ILC 480xILC 202	SYR	Aleppo	Developed at ICARDA
5409	FLIP 84-41	ICARDA/ICRISAT	KBS/MVR	X81 TH9/ILC 480xILC 202	SYR	Aleppo	Developed at ICARDA
5410	FLIP 84-42	ICARDA/ICRISAT	KBS/MVR	X81 TH9/ILC 480xILC 3279	SYR	Aleppo	Developed at ICARDA
5411	FLIP 84-43	ICARDA/ICRISAT	KBS/MVR	X81 TH16/ILC 480xILC 3279	SYR	Aleppo	Developed at ICARDA
5412	FLIP 84-44	ICARDA/ICRISAT	KBS/MVR	X81 TH55/ILC 1920xILC 2956	SYR	Aleppo	Developed at ICARDA
5413	FLIP 84-45	ICARDA/ICRISAT	KBS/MVR	X80 TH55/ILC 1920xILC 2956	SYR	Aleppo	Developed at ICARDA
5414	FLIP 84-46	ICARDA/ICRISAT	KBS/MVR	X81 TH55/ILC 1920xILC 2956	SYR	Aleppo	Developed at ICARDA
5415	FLIP 84-47	ICARDA/ICRISAT	KBS/MVR	X81 TH55/ILC 1920xILC 2956	SYR	Aleppo	Developed at ICARDA
5416	FLIP 84-48	ICARDA/ICRISAT	KBS/MVR	X81 TH55/ILC 1920xILC 2956	SYR	Aleppo	Developed at ICARDA
5417	FLIP 84-49	ICARDA/ICRISAT	KBS/MVR	X81 TH126/ILC 200xILC 484	SYR	Aleppo	Developed at ICARDA
5418	FLIP 84-50	ICARDA/ICRISAT	KBS/MVR	X81 TH234/ILC 482xILC 72	SYR	Aleppo	Developed at ICARDA
5419	FLIP 84-51	ICARDA/ICRISAT	KBS/MVR	X81 TH234/ILC 482xILC 72	SYR	Aleppo	Developed at ICARDA
5420	FLIP 84-52	ICARDA/ICRISAT	KBS/MVR	X81 TH234/ILC 482xILC 72	SYR	Aleppo	Developed at ICARDA
5421	FLIP 84-53	ICARDA/ICRISAT	KBS/MVR	X81 TH234/ILC 482xILC 72	SYR	Aleppo	Developed at ICARDA
5422	FLIP 84-54	ICARDA/ICRISAT	KBS/MVR	X81 TH234/ILC 482xILC 72	SYR	Aleppo	Developed at ICARDA
5423	FLIP 84-55	ICARDA/ICRISAT	KBS/MVR	X81 TH234/ILC 482xILC 72	SYR	Aleppo	Developed at ICARDA
5424	FLIP 84-56	ICARDA/ICRISAT	KBS/MVR	X81 TH234/ILC 482xILC 72	SYR	Aleppo	Developed at ICARDA
5425	FLIP 84-57	ICARDA/ICRISAT	KBS/MVR	X81 TH241/ILC 482xILC 201	SYR	Aleppo	Developed at ICARDA
5426	FLIP 84-58	ICARDA/ICRISAT	KBS/MVR	X81 TH241/ILC 482xILC 201	SYR	Aleppo	Developed at ICARDA
5427	FLIP 84-59	ICARDA/ICRISAT	KBS/MVR	X81 TH244/ILC 482xILC 2380	SYR	Aleppo	Developed at ICARDA
5428	FLIP 84-60	ICARDA/ICRISAT	KBS/MVR	X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5429	FLIP 84-61	ICARDA/ICRISAT	KBS/MVR	X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5430	FLIP 84-62	ICARDA/ICRISAT	KBS/MVR	X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5431	FLIP 84-63	ICARDA/ICRISAT	KBS/MVR	X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5432	FLIP 84-64	ICARDA/ICRISAT	KBS/MVR	X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5433	FLIP 84-65	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5434	FLIP 84-66	ICARDA/ICRISAT	KBS/MVR	X79 TH220/ILC 72xILC 480	SYR	Aleppo	Developed at ICARDA
5435	FLIP 84-67	ICARDA/ICRISAT	KBS/MVR	X79 TH219/ILC 201xILC 3248	SYR	Aleppo	Developed at ICARDA
5436	FLIP 84-68	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5437	FLIP 84-69	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5438	FLIP 84-70	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA
5439	FLIP 84-71	ICARDA/ICRISAT	KBS/MVR	X79 TH118/ILC 1920xILC 195	SYR	Aleppo	Developed at ICARDA
5440	FLIP 84-72	ICARDA/ICRISAT	KBS/MVR	X79 TH221/ILC 72xILC 1922	SYR	Aleppo	Developed at ICARDA

ILC	DOBO	CLOR	COLL	CLNO/PED	ORI PRO	LOC/REM
5441	FLIP 84-73	ICARDA/ICRISAT	KBS/MVR	X79 TH203/ILC 953xILC 201	SYR Aleppo	Developed at ICARDA
5442	FLIP 84-74	ICARDA/ICRISAT	KBS/MVR	X79 TH203/ILC 953xILC 201	SYR Aleppo	Developed at ICARDA
5443	FLIP 84-75	ICARDA/ICRISAT	KBS/MVR	X80 TH264/(ILC 480xILC 72)xILC 263	SYR Aleppo	Developed at ICARDA
5444	FLIP 84-76	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5445	FLIP 84-77	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5446	FLIP 84-78	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5447	FLIP 84-79	ICARDA/ICRISAT	KBS/MVR	X80 TH175/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5448	FLIP 84-80	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5449	FLIP 84-81	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5450	FLIP 84-82	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5451	FLIP 84-83	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5452	FLIP 84-84	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5453	FLIP 84-85	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5454	FLIP 84-86	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5455	FLIP 84-87	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5456	FLIP 84-88	ICARDA/ICRISAT	KBS/MVR	X80 TH177/ILC 195xILC 482	SYR Aleppo	Developed at ICARDA
5457	FLIP 84-89	ICARDA/ICRISAT	KBS/MVR	X80 TH181/ILC 3279xILC 1108	SYR Aleppo	Developed at ICARDA
5458	FLIP 84-90	ICARDA/ICRISAT	KBS/MVR	X80 TH264/(ILC 480xILC 72)xILC 263	SYR Aleppo	Developed at ICARDA
5459	FLIP 84-91	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5460	FLIP 84-92	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5461	FLIP 84-93	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5462	FLIP 84-94	ICARDA/ICRISAT	KBS/MVR	X80 TH177/ILC 195xILC 482	SYR Aleppo	Developed at ICARDA
5463	FLIP 84-95	ICARDA/ICRISAT	KBS/MVR	X80 TH181/ILC 3279xILC 1108	SYR Aleppo	Developed at ICARDA
5464	FLIP 84-96	ICARDA/ICRISAT	KBS/MVR	X80 TH181/ILC 3279xILC 1108	SYR Aleppo	Developed at ICARDA
5465	FLIP 84-97	ICARDA/ICRISAT	KBS/MVR	X80 TH181/ILC 3279xILC 1108	SYR Aleppo	Developed at ICARDA
5466	FLIP 84-98	ICARDA/ICRISAT	KBS/MVR	X80 TH264/(ILC 480xILC 72)xILC 263	SYR Aleppo	Developed at ICARDA
5467	FLIP 84-99	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5468	FLIP 84-100	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5469	FLIP 84-101	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5470	FLIP 84-102	ICARDA/ICRISAT	KBS/MVR	X80 TH176/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
5471	FLIP 84-103	ICARDA/ICRISAT	KBS/MVR	X81 TH5/ILC 480xILC 191	SYR Aleppo	Developed at ICARDA
5472	FLIP 84-104	ICARDA/ICRISAT	KBS/MVR	X81 TH9/ILC 480xILC 202	SYR Aleppo	Developed at ICARDA
5473	FLIP 84-105	ICARDA/ICRISAT	KBS/MVR	X81 TH9/ILC 480xILC 202	SYR Aleppo	Developed at ICARDA
5474	FLIP 84-106	ICARDA/ICRISAT	KBS/MVR	X81 TH44/ILC 1920xILC 187	SYR Aleppo	Developed at ICARDA
5475	FLIP 84-107	ICARDA/ICRISAT	KBS/MVR	X81 TH44/ILC 1920xILC 187	SYR Aleppo	Developed at ICARDA
5476	FLIP 84-108	ICARDA/ICRISAT	KBS/MVR	X81 TH44/ILC 1920xILC 187	SYR Aleppo	Developed at ICARDA
5477	FLIP 84-109	ICARDA/ICRISAT	KBS/MVR	X81 TH44/ILC 1920xILC 187	SYR Aleppo	Developed at ICARDA
5478	FLIP 84-110	ICARDA/ICRISAT	KBS/MVR	X81 TH44/ILC 1920xILC 187	SYR Aleppo	Developed at ICARDA
5479	FLIP 84-111	ICARDA/ICRISAT	KBS/MVR	X81 TH45/ILC 1920xILC 191	SYR Aleppo	Developed at ICARDA
5480	FLIP 84-112	ICARDA/ICRISAT	KBS/MVR	X81 TH53/ILC 1920xILC 2506	SYR Aleppo	Developed at ICARDA

ILC DOWO	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REN
5481	FLIP 84-113	ICARDA/ICRISAT	KBS/MVR X81 TH7/ILC 480xILC 200	SYR	Aleppo	Developed at ICARDA
5482	FLIP 84-114	ICARDA/ICRISAT	KBS/MVR X81 TH7/ILC 480xILC 200	SYR	Aleppo	Developed at ICARDA
5483	FLIP 84-115	ICARDA/ICRISAT	KBS/MVR X81 TH7/ILC 480xILC 200	SYR	Aleppo	Developed at ICARDA
5484	FLIP 84-116	ICARDA/ICRISAT	KBS/MVR X81 TH9/ILC 480xILC 202	SYR	Aleppo	Developed at ICARDA
5485	FLIP 84-117	ICARDA/ICRISAT	KBS/MVR X81 TH9/ILC 480xILC 202	SYR	Aleppo	Developed at ICARDA
5486	FLIP 84-118	ICARDA/ICRISAT	KBS/MVR X81 TH9/ILC 480xILC 202	SYR	Aleppo	Developed at ICARDA
5487	FLIP 84-119	ICARDA/ICRISAT	KBS/MVR X81 TH15/ILC 480xILC 2956	SYR	Aleppo	Developed at ICARDA
5488	FLIP 84-120	ICARDA/ICRISAT	KBS/MVR X81 TH15/ILC 480xILC 2956	SYR	Aleppo	Developed at ICARDA
5489	FLIP 84-121	ICARDA/ICRISAT	KBS/MVR X81 TH16/ILC 480xILC 3279	SYR	Aleppo	Developed at ICARDA
5490	FLIP 84-122	ICARDA/ICRISAT	KBS/MVR X81 TH16/ILC 480xILC 3279	SYR	Aleppo	Developed at ICARDA
5491	FLIP 84-123	ICARDA/ICRISAT	KBS/MVR X81 TH21/ILC 610xILC 72	SYR	Aleppo	Developed at ICARDA
5492	FLIP 84-124	ICARDA/ICRISAT	KBS/MVR X81 TH53/ILC 1920xILC 2506	SYR	Aleppo	Developed at ICARDA
5493	FLIP 84-125	ICARDA/ICRISAT	KBS/MVR X81 TH53/ILC 1920xILC 2506	SYR	Aleppo	Developed at ICARDA
5494	FLIP 84-126	ICARDA/ICRISAT	KBS/MVR X81 TH53/ILC 1920xILC 2506	SYR	Aleppo	Developed at ICARDA
5495	FLIP 84-127	ICARDA/ICRISAT	KBS/MVR X81 TH55/ILC 1920xILC 2956	SYR	Aleppo	Developed at ICARDA
5496	FLIP 84-128	ICARDA/ICRISAT	KBS/MVR X81 TH125/ILC 202xILC 482	SYR	Aleppo	Developed at ICARDA
5497	FLIP 84-129	ICARDA/ICRISAT	KBS/MVR X81 TH125/ILC 202xILC 482	SYR	Aleppo	Developed at ICARDA
5498	FLIP 84-130	ICARDA/ICRISAT	KBS/MVR X81 TH126/ILC 202xILC 484	SYR	Aleppo	Developed at ICARDA
5499	FLIP 84-131	ICARDA/ICRISAT	KBS/MVR X81 TH126/ILC 202xILC 484	SYR	Aleppo	Developed at ICARDA
5500	FLIP 84-132	ICARDA/ICRISAT	KBS/MVR X81 TH129/ILC 202xILC 262	SYR	Aleppo	Developed at ICARDA
5501	FLIP 84-133	ICARDA/ICRISAT	KBS/MVR X81 TH129/ILC 202xILC 262	SYR	Aleppo	Developed at ICARDA
5502	FLIP 84-134	ICARDA/ICRISAT	KBS/MVR X81 TH234/ILC 482xILC 72	SYR	Aleppo	Developed at ICARDA
5503	FLIP 84-135	ICARDA/ICRISAT	KBS/MVR X81 TH234/ILC 482xILC 72	SYR	Aleppo	Developed at ICARDA
5504	FLIP 84-136	ICARDA/ICRISAT	KBS/MVR X81 TH234/ILC 482xILC 72	SYR	Aleppo	Developed at ICARDA
5505	FLIP 84-137	ICARDA/ICRISAT	KBS/MVR X81 TH241/ILC 482xILC 201	SYR	Aleppo	Developed at ICARDA
5506	FLIP 84-138	ICARDA/ICRISAT	KBS/MVR X81 TH241/ILC 482xILC 201	SYR	Aleppo	Developed at ICARDA
5507	FLIP 84-139	ICARDA/ICRISAT	KBS/MVR X81 TH241/ILC 482xILC 201	SYR	Aleppo	Developed at ICARDA
5508	FLIP 84-140	ICARDA/ICRISAT	KBS/MVR X81 TH241/ILC 482xILC 201	SYR	Aleppo	Developed at ICARDA
5509	FLIP 84-141	ICARDA/ICRISAT	KBS/MVR X81 TH241/ILC 482xILC 201	SYR	Aleppo	Developed at ICARDA
5510	FLIP 84-142	ICARDA/ICRISAT	KBS/MVR X81 TH244/ILC 482xILC 2380	SYR	Aleppo	Developed at ICARDA
5511	FLIP 84-143	ICARDA/ICRISAT	KBS/MVR X81 TH104/ILC 72xILC 482	SYR	Aleppo	Developed at ICARDA
5512	FLIP 84-144	ICARDA/ICRISAT	KBS/MVR X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5513	FLIP 84-145	ICARDA/ICRISAT	KBS/MVR X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5514	FLIP 84-146	ICARDA/ICRISAT	KBS/MVR X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5515	FLIP 84-147	ICARDA/ICRISAT	KBS/MVR X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5516	FLIP 84-148	ICARDA/ICRISAT	KBS/MVR X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5517	FLIP 84-149	ICARDA/ICRISAT	KBS/MVR X81 TH105/ILC 72xILC 484	SYR	Aleppo	Developed at ICARDA
5518	FLIP 84-150	ICARDA/ICRISAT	KBS/MVR X81 TH164/ILC 3279xILC 482	SYR	Aleppo	Developed at ICARDA
5519	FLIP 84-151	ICARDA/ICRISAT	KBS/MVR X81 TH164/ILC 3279xILC 482	SYR	Aleppo	Developed at ICARDA
5520	FLIP 84-152	ICARDA/ICRISAT	KBS/MVR X81 TH109/ILC 72xILC 493	SYR	Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLMO/PED	ORI	PRO	LOC/REM
5521	FLIP	84-153	ICARDA/ICRISAT	KBS/MVR X81	TH109/ILC	72xILC 493	
5522	FLIP	84-154	ICARDA/ICRISAT	KBS/MVR X81	TH109/ILC	72xILC 493	SYR Aleppo Developed at ICARDA
5523	FLIP	84-155	ICARDA/ICRISAT	KBS/MVR X81	TH165/ILC	3279xILC 484	SYR Aleppo Developed at ICARDA
5524	FLIP	84-156	ICARDA/ICRISAT	KBS/MVR X81	TH119/ILC	200xILC 482	SYR Aleppo Developed at ICARDA
5525	FLIP	84-157	ICARDA/ICRISAT	KBS/MVR X81	TH125/ILC	202xILC 482	SYR Aleppo Developed at ICARDA
5526	FLIP	84-158	ICARDA/ICRISAT	KBS/MVR X81	TH247/ILC	482xILC 2956	
5527	FLIP	84-159	ICARDA/ICRISAT	KBS/MVR X81	TH104/ILC	72xILC482	SYR Aleppo Developed at ICARDA
5528	FLIP	84-160	ICARDA/ICRISAT	KBS/MVR X81	TH105/ILC	72xILC 482	SYR Aleppo Developed at ICARDA
5529	FLIP	84-161	ICARDA/ICRISAT	KBS/MVR X81	TH105/ILC	72xILC 482	SYR Aleppo Developed at ICARDA
5530	FLIP	84-162	ICARDA/ICRISAT	KBS/MVR X81	TH113/ILC	191xILC 484	SYR Aleppo Developed at ICARDA
5531	FLIP	84-163	ICARDA/ICRISAT	KBS/MVR X81	TH113/ILC	191xILC 484	SYR Aleppo Developed at ICARDA
5532	FLIP	84-164	ICARDA/ICRISAT	KBS/MVR X82	TH101/ILC	215(WH)xILC 105(WH)	SYR Aleppo Developed at ICARDA
5533	FLIP	84-165	ICARDA/ICRISAT	KBS/MVR X79	TH216/ILC	202xILC 577	SYR Aleppo Developed at ICARDA
5534	FLIP	84-166	ICARDA/ICRISAT	KBS/MVR X79	TH76/ILC	625xILC 200	SYR Aleppo Developed at ICARDA
5535	FLIP	84-167	ICARDA/ICRISAT	KBS/MVR X79	TH123/ILC	1929xILC 200	SYR Aleppo Developed at ICARDA
5536	FLIP	84-168	ICARDA/ICRISAT	KBS/MVR X79	TH123/ILC	1929xILC 200	SYR Aleppo Developed at ICARDA
5537	FLIP	84-169	ICARDA/ICRISAT	KBS/MVR X75	TH24/ILC	262xILC 191	SYR Aleppo Developed at ICARDA
5538	FLIP	84-170	ICARDA/ICRISAT	KBS/MVR X79	TH160/ILC	193xNEC 1963	SYR Aleppo Developed at ICARDA
5539	FLIP	84-171	ICARDA/ICRISAT	KBS/MVR X79	TH216/ILC	202xILC 577	SYR Aleppo Developed at ICARDA
5540	FLIP	84-172	ICARDA/ICRISAT	KBS/MVR X79	TH221/ILC	72xILC 1922	SYR Aleppo Developed at ICARDA
5541	FLIP	84-173	ICARDA/ICRISAT	KBS/MVR X79	TH159/ILC	202xNEC 1088	SYR Aleppo Developed at ICARDA
5542	FLIP	84-174	ICARDA/ICRISAT	KBS/MVR X79	TH221/ILC	72xILC 1922	SYR Aleppo Developed at ICARDA
5543	FLIP	84-175	ICARDA/ICRISAT	KBS/MVR X79	TH59/ILC	16xILC 191	SYR Aleppo Developed at ICARDA
5544	FLIP	84-176	ICARDA/ICRISAT	KBS/MVR X80	TH199/ILC	3279xIC 78184	SYR Aleppo Developed at ICARDA
5545	FLIP	84-177	ICARDA/ICRISAT	KBS/MVR X80	TH55/ILC	1035xILC 482	SYR Aleppo Developed at ICARDA
5546	FLIP	84-178	ICARDA/ICRISAT	KBS/MVR X80	TH113/ILC	192xILC 202	SYR Aleppo Developed at ICARDA
5547	FLIP	84-179	ICARDA/ICRISAT	KBS/MVR X80	TH177/ILC	195xILC 482	SYR Aleppo Developed at ICARDA
5548	FLIP	84-180	ICARDA/ICRISAT	KBS/MVR X80	TH177/ILC	195xILC 482	SYR Aleppo Developed at ICARDA
5549	FLIP	84-181	ICARDA/ICRISAT	KBS/MVR X80	TH176/ILC	72xILC 215	SYR Aleppo Developed at ICARDA
5550	FLIP	84-182	ICARDA/ICRISAT	KBS/MVR X80	TH176/ILC	72xILC 215	SYR Aleppo Developed at ICARDA
5551	FLIP	84-183	ICARDA/ICRISAT	KBS/MVR X80	TH264/(ILC 48xILC 72)xILC	263	SYR Aleppo Developed at ICARDA
5552	FLIP	84-184	ICARDA/ICRISAT	KBS/MVR X80	TH264/(ILC 48xILC 72)xILC	263	SYR Aleppo Developed at ICARDA
5553	FLIP	84-185	ICARDA/ICRISAT	KBS/MVR X80	TH176/ILC	72xILC 215	SYR Aleppo Developed at ICARDA
5554	FLIP	84-186	ICARDA/ICRISAT	KBS/MVR X81	TH9/ILC	480xILC 202	SYR Aleppo Developed at ICARDA
5555	FLIP	84-187	ICARDA/ICRISAT	KBS/MVR X81	TH9/ILC	480xILC 202	SYR Aleppo Developed at ICARDA
5556	FLIP	84-188	ICARDA/ICRISAT	KBS/MVR X81	TH48/ILC	1920xILC 201	SYR Aleppo Developed at ICARDA
5557	FLIP	84-189	ICARDA/ICRISAT	KBS/MVR X81	TH29/ILC	610xILC 202	SYR Aleppo Developed at ICARDA
6199	FLIP	85-1	ICARDA/ICRISAT	KBS X82	TH60/ILC	95 X ILC 2956	SYR Aleppo Developed at ICARDA
6200	FLIP	85-2	ICARDA/ICRISAT	KBS X82	TH60/ILC	95 X ILC 2956	SYR Aleppo Developed at ICARDA
6201	FLIP	85-3	ICARDA/ICRISAT	KBS X83	TH115/FLIP82-81 X	ILC 3326	SYR Aleppo Developed at ICARDA

ILC DOBO	CLOR	COLL	CLNO/PED	ORI PRO	L/C/REM
6202 FLIP 85-4	ICARDA/ICRISAT	KBS	X82 TH66/ILC 2593 X ILC 3279	SYR Aleppo	Developed at ICARDA
6203 FLIP 85-5	ICARDA/ICRISAT	KBS	X81 TH199/ILC 202(WH) X ILC 3355	SYR Aleppo	Developed at ICARDA
6204 FLIP 85-6	ICARDA/ICRISAT	KBS	X81 TH199/ILC 202(WH) X ILC 3355	SYR Aleppo	Developed at ICARDA
6205 FLIP 85-7	ICARDA/ICRISAT	KBS	X79 TH221/ILC 72 X ILC 1922	SYR Aleppo	Developed at ICARDA
6206 FLIP 85-8	ICARDA/ICRISAT	KBS	X82 TH66/ILC 2593 X ILC 3279	SYR Aleppo	Developed at ICARDA
6207 FLIP 85-9	ICARDA/ICRISAT	KBS	X79 TH221/ILC 72 X ILC 1922	SYR Aleppo	Developed at ICARDA
6208 FLIP 85-10	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR Aleppo	Developed at ICARDA
6209 FLIP 85-11	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR Aleppo	Developed at ICARDA
6210 FLIP 85-12	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR Aleppo	Developed at ICARDA
6211 FLIP 85-13	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR Aleppo	Developed at ICARDA
6212 FLIP 85-14	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR Aleppo	Developed at ICARDA
6213 FLIP 85-15	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR Aleppo	Developed at ICARDA
6214 FLIP 85-16	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR Aleppo	Developed at ICARDA
6215 FLIP 85-17	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR Aleppo	Developed at ICARDA
6216 FLIP 85-18	ICARDA/ICRISAT	KBS	X83 TH23/FLIP82-69 X FLIP82-72	SYR Aleppo	Developed at ICARDA
6217 FLIP 85-19	ICARDA/ICRISAT	KBS	X83 TH23/FLIP82-69 X FLIP82-72	SYR Aleppo	Developed at ICARDA
6218 FLIP 85-42	ICARDA/ICRISAT	KBS	X82 TH66/ILC 2593 X ILC 3279	SYR Aleppo	Developed at ICARDA
6219 FLIP 85-43	ICARDA/ICRISAT	KBS	X82 TH66/ILC 2593 X ILC 3279	SYR Aleppo	Developed at ICARDA
6220 FLIP 85-44	ICARDA/ICRISAT	KBS	X82 TH77/ILC 3346 X ILC 464	SYR Aleppo	Developed at ICARDA
6221 FLIP 85-45	ICARDA/ICRISAT	KBS	X82 TH146/(ILC445XILC482) X ILC 202	SYR Aleppo	Developed at ICARDA
6222 FLIP 85-46	ICARDA/ICRISAT	KBS	X79 TH221/ILC 72 X ILC 1922	SYR Aleppo	Developed at ICARDA
6223 FLIP 85-47	ICARDA/ICRISAT	KBS	X83 TH5/FLIP81-41 X FLIP82-72	SYR Aleppo	Developed at ICARDA
6224 FLIP 85-48	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR Aleppo	Developed at ICARDA
6225 FLIP 85-49	ICARDA/ICRISAT	KBS	X83 TH23/FLIP82-69 X FLIP82-72	SYR Aleppo	Developed at ICARDA
6226 FLIP 85-50	ICARDA/ICRISAT	KBS	X83 TH23/FLIP82-69 X FLIP82-72	SYR Aleppo	Developed at ICARDA
6227 FLIP 85-51	ICARDA/ICRISAT	KBS	X81 TH55/ILC 1920 X ILC 2956	SYR Aleppo	Developed at ICARDA
6228 FLIP 85-52	ICARDA/ICRISAT	KBS	X81 TH55/ILC 1920 X ILC 2956	SYR Aleppo	Developed at ICARDA
6229 FLIP 85-53	ICARDA/ICRISAT	KBS	X81 TH55/ILC 1920 X ILC 2956	SYR Aleppo	Developed at ICARDA
6230 FLIP 85-54	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR Aleppo	Developed at ICARDA
6231 FLIP 85-55	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR Aleppo	Developed at ICARDA
6232 FLIP 85-56	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR Aleppo	Developed at ICARDA
6233 FLIP 85-57	ICARDA/ICRISAT	KBS	X83 TH22/FLIP82-65 X FLIP82-81	SYR Aleppo	Developed at ICARDA
6234 FLIP 85-58	ICARDA/ICRISAT	KBS	X83 TH22/FLIP82-65 X FLIP82-81	SYR Aleppo	Developed at ICARDA
6235 FLIP 85-59	ICARDA/ICRISAT	KBS	X83 TH22/FLIP82-65 X FLIP82-81	SYR Aleppo	Developed at ICARDA
6236 FLIP 85-60	ICARDA/ICRISAT	KBS	X83 TH25/FLIP82-69 X FLIP82-81	SYR Aleppo	Developed at ICARDA
6237 FLIP 85-61	ICARDA/ICRISAT	KBS	X83 TH27/FLIP82-72 X FLIP82-81	SYR Aleppo	Developed at ICARDA
6238 FLIP 85-62	ICARDA/ICRISAT	KBS	X83 TH29/FLIP82-60 X FLIP82-64	SYR Aleppo	Developed at ICARDA
6239 FLIP 85-63	ICARDA/ICRISAT	KBS	X83 TH25/FLIP82-69 X FLIP82-81	SYR Aleppo	Developed at ICARDA
6240 FLIP 85-64	ICARDA/ICRISAT	KBS	X83 TH25/FLIP82-69 X FLIP82-81	SYR Aleppo	Developed at ICARDA
6241 FLIP 85-65	ICARDA/ICRISAT	KBS	X83 TH25/FLIP82-69 X FLIP82-81	SYR Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
6242	FLIP 85-66	ICARDA/ICRISAT	KBS	X83 TH25/FLIP82-69 X FLIP82-81	SYR	Aleppo	Developed at ICARDA
6243	FLIP 85-67	ICARDA/ICRISAT	KBS	X82 TH61/ILC 95 X ILC 191	SYR	Aleppo	Developed at ICARDA
6244	FLIP 85-68	ICARDA/ICRISAT	KBS	X82 TH67/ILC 2593 X ILC 191	SYR	Aleppo	Developed at ICARDA
6245	FLIP 85-69	ICARDA/ICRISAT	KBS	X82 TH155/(ILC3279XILC790)XILC 2555	SYR	Aleppo	Developed at ICARDA
6246	FLIP 85-70	ICARDA/ICRISAT	KBS	X82 TH128/ILC 482 X ILC 3279	SYR	Aleppo	Developed at ICARDA
6247	FLIP 85-71	ICARDA/ICRISAT	KBS	X83 TH5/FLIP81-41 X FLIP82-72	SYR	Aleppo	Developed at ICARDA
6248	FLIP 85-72	ICARDA/ICRISAT	KBS	X83 TH5/FLIP81-41 X FLIP82-72	SYR	Aleppo	Developed at ICARDA
6249	FLIP 85-73	ICARDA/ICRISAT	KBS	X83 TH10/FLIP81-56 X FLIP82-69	SYR	Aleppo	Developed at ICARDA
6250	FLIP 85-74	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR	Aleppo	Developed at ICARDA
6251	FLIP 85-75	ICARDA/ICRISAT	KBS	X83 TH19/FLIP82-65 X FLIP82-69	SYR	Aleppo	Developed at ICARDA
6252	FLIP 85-76	ICARDA/ICRISAT	KBS	X83 TH23/FLIP82-69 X FLIP82-72	SYR	Aleppo	Developed at ICARDA
6253	FLIP 85-77	ICARDA/ICRISAT	KBS	X83 TH23/FLIP82-69 X FLIP82-72	SYR	Aleppo	Developed at ICARDA
6254	FLIP 85-78	ICARDA/ICRISAT	KBS	X83 TH23/FLIP82-69 X FLIP82-72	SYR	Aleppo	Developed at ICARDA
6255	FLIP 85-79	ICARDA/ICRISAT	KBS	X83 TH81/ILC 2593 X FLIP81-67	SYR	Aleppo	Developed at ICARDA
6255	FLIP 85-79	ICARDA/ICRISAT	KBS	X83 TH81/ILC 2593 X FLIP81-67	SYR	Aleppo	Developed at ICARDA
6257	FLIP 85-81	ICARDA/ICRISAT	KBS	X83 TH81/ILC 2593 X FLIP81-67	SYR	Aleppo	Developed at ICARDA
6258	FLIP 85-82	ICARDA/ICRISAT	KBS	X83 TH114/FLIP82-81 X ILC 451	SYR	Aleppo	Developed at ICARDA
6259	FLIP 85-83	ICARDA/ICRISAT	KBS	X80 TH113/ILC 1920 X ILC 200	SYR	Aleppo	Developed at ICARDA
6260	FLIP 85-84	ICARDA/ICRISAT	KBS	X80 TH113/ILC 1920 X ILC 200	SYR	Aleppo	Developed at ICARDA
6261	FLIP 85-85	ICARDA/ICRISAT	KBS	X80 TH176/ILC 72 X ILC 215	SYR	Aleppo	Developed at ICARDA
6262	FLIP 85-86	ICARDA/ICRISAT	KBS	X80 TH176/ILC 72 X ILC 215	SYR	Aleppo	Developed at ICARDA
6263	FLIP 85-87	ICARDA/ICRISAT	KBS	X80 TH263/(ILC72XILC263)XILC 1919	SYR	Aleppo	Developed at ICARDA
6264	FLIP 85-88	ICARDA/ICRISAT	KBS	X80 TH263/(ILC72XILC263)XILC 1919	SYR	Aleppo	Developed at ICARDA
6265	FLIP 85-89	ICARDA/ICRISAT	KBS	X80 TH263/(ILC72XILC263)XILC 1919	SYR	Aleppo	Developed at ICARDA
6266	FLIP 85-90	ICARDA/ICRISAT	KBS	X83 TH4/FLIP81-42 X FLIP82-69	SYR	Aleppo	Developed at ICARDA
6267	FLIP 85-91	ICARDA/ICRISAT	KBS	X83 TH22/FLIP82-65 X FLIP82-81	SYR	Aleppo	Developed at ICARDA
6268	FLIP 85-92	ICARDA/ICRISAT	KBS	X83 TH23/FLIP82-69 X FLIP82-72	SYR	Aleppo	Developed at ICARDA
6269	FLIP 85-93	ICARDA/ICRISAT	KBS	X83 TH23/FLIP82-69 X FLIP82-72	SYR	Aleppo	Developed at ICARDA
6270	FLIP 85-94	ICARDA/ICRISAT	KBS	X81 TH248/ILC 482 XILC 3279	SYR	Aleppo	Developed at ICARDA
6271	FLIP 85-95	ICARDA/ICRISAT	KBS	X81 TH104/ILC 72 X ILC 482	SYR	Aleppo	Developed at ICARDA
6272	FLIP 85-96	ICARDA/ICRISAT	KBS	X81 TH105/ILC 72 X ILC 484	SYR	Aleppo	Developed at ICARDA
6273	FLIP 85-97	ICARDA/ICRISAT	KBS	X81 TH105/ILC 72 X ILC 484	SYR	Aleppo	Developed at ICARDA
6274	FLIP 85-98	ICARDA/ICRISAT	KBS	X81 TH35/ILC 610 X ILC 2956	SYR	Aleppo	Developed at ICARDA
6275	FLIP 85-99	ICARDA/ICRISAT	KBS	X81 TH49/ILC 1920 X ILC 202	SYR	Aleppo	Developed at ICARDA
6276	FLIP 85-100	ICARDA/ICRISAT	KBS	X81 TH15/ILC 480 X ILC 2956	SYR	Aleppo	Developed at ICARDA
6277	FLIP 85-101	ICARDA/ICRISAT	KBS	X81 TH 234/ILC 482 X ILC 72	SYR	Aleppo	Developed at ICARDA
6278	FLIP 85-102	ICARDA/ICRISAT	KBS	X81 TH234/ILC 482 X ILC 72	SYR	Aleppo	Developed at ICARDA
6279	FLIP 85-103	ICARDA/ICRISAT	KBS	X81 TH105/ILC 72 X ILC 484	SYR	Aleppo	Developed at ICARDA
6280	FLIP 85-104	ICARDA/ICRISAT	KBS	X81 TH105/ILC 72 X ILC 484	SYR	Aleppo	Developed at ICARDA
6281	FLIP 85-105	ICARDA/ICRISAT	KBS	X81 TH165/ILC 3279 X ILC 484	SYR	Aleppo	Developed at ICARDA

ILC	DONO	CLOR	COLL	CLNO/PED	ORI	PRO	LOC/REM
6282	FLIP 85-106	ICARDA/ICRISAT	KBS	X81 TH113/ILC 191 X ILC 484	SYR	Aleppo	Developed at ICARDA
6283	FLIP 85-107	ICARDA/ICRISAT	KBS	X82 TH50/ILC 3346 X ILC 464	SYR	Aleppo	Developed at ICARDA
6284	FLIP 85-108	ICARDA/ICRISAT	KBS	X83 TH116/FLIP82-64 X FLIP82-87	SYR	Aleppo	Developed at ICARDA
6285	FLIP 85-109	ICARDA/ICRISAT	KBS	X80 TH181/ILC 3279 X ILC 1108	SYR	Aleppo	Developed at ICARDA
6286	FLIP 85-110	ICARDA/ICRISAT	KBS	X83 TH6/FLI081-41 X FLIP82-81	SYR	Aleppo	Developed at ICARDA
6287	FLIP 85-111	ICARDA/ICRISAT	KBS	X81 TH55/ILC 1920 X ILC 2956	SYR	Aleppo	Developed at ICARDA
6288	FLIP 85-112	ICARDA/ICRISAT	KBS	X81 TH125/ILC 202 X ILC 482	SYR	Aleppo	Developed at ICARDA
6289	FLIP 85-113	ICARDA/ICRISAT	KBS	X81 TH53/ILC 1920 X ILC 2506	SYR	Aleppo	Developed at ICARDA
6290	FLIP 85-114	ICARDA/ICRISAT	KBS	X80 TH176(BT)/ILC 72 X ILC 215	SYR	Aleppo	Developed at ICARDA
6291	FLIP 85-115	ICARDA/ICRISAT	KBS	X80 TH176(BT)/ILC 72 X ILC 215	SYR	Aleppo	Developed at ICARDA
6292	FLIP 85-116	ICARDA/ICRISAT	KBS	X80 TH176(BT)/ILC 72 X ILC 215	SYR	Aleppo	Developed at ICARDA
6293	FLIP 85-117	ICARDA/ICRISAT	KBS	X80 TH176(BT)/ILC 195 X ILC 482	SYR	Aleppo	Developed at ICARDA
6294	FLIP 85-118	ICARDA/ICRISAT	KBS	X82 TH146/ILC 72 X ILC 73	SYR	Aleppo	Developed at ICARDA
6295	FLIP 85-119	ICARDA/ICRISAT	KBS	X82 TH137/(ILC87XILC194)XILC 2956	SYR	Aleppo	Developed at ICARDA
6296	FLIP 85-120	ICARDA/ICRISAT	KBS	X81 TH109/ILC 72 X ILC 493	SYR	Aleppo	Developed at ICARDA
6297	FLIP 85-121	ICARDA/ICRISAT	KBS	X79TH264(BT)/(ILC480XILC72)XILC 263	SYR	Aleppo	Developed at ICARDA
6298	FLIP 85-122	ICARDA/ICRISAT	KBS	L-550 X ILC 72	SYR	Aleppo	Developed at ICARDA
6299	FLIP 85-123	ICARDA/ICRISAT	KBS	L-550 X ILC 72	SYR	Aleppo	Developed at ICARDA
6300	FLIP 85-124	ICARDA/ICRISAT	KBS	L-550 X ILC 72	SYR	Aleppo	Developed at ICARDA
6301	FLIP 85-125	ICARDA/ICRISAT	KBS	GL 609 XILC 72	SYR	Aleppo	Developed at ICARDA
6302	FLIP 85-126	ICARDA/ICRISAT	KBS	GL 609 X ILC 72	SYR	Aleppo	Developed at ICARDA
6303	FLIP 85-127	ICARDA/ICRISAT	KBS	GL 609 X ILC 72	SYR	Aleppo	Developed at ICARDA
6304	FLIP 85-128	ICARDA/ICRISAT	KBS	ICCC 25 X ILC 202	SYR	Aleppo	Developed at ICARDA
6305	FLIP 85-129	ICARDA/ICRISAT	KBS	ICCC 25 X ILC 202	SYR	Aleppo	Developed at ICARDA
6306	FLIP 85-130	ICARDA/ICRISAT	KBS	ICCC 25 X ILC 202	SYR	Aleppo	Developed at ICARDA
6307	FLIP 85-131	ICARDA/ICRISAT	KBS	GL 629 X ILC 3279	SYR	Aleppo	Developed at ICARDA
6308	FLIP 85-132	ICARDA/ICRISAT	KBS	X82 TH66/ILC 2593 X ILC 3279	SYR	Aleppo	Developed at ICARDA
6309	FLIP 85-133	ICARDA/ICRISAT	KBS	X83 TH23/FLIP82-69 X FLIP82-72	SYR	Aleppo	Developed at ICARDA
6310	FLIP 85-134	ICARDA/ICRISAT	KBS	X83 TH23/FLIP82-69 X FLIP82-72	SYR	Aleppo	Developed at ICARDA
6311	FLIP 85-135	ICARDA/ICRISAT	KBS	X79 TH221/ILC 72 X ILC 1922	SYR	Aleppo	Developed at ICARDA
6312	FLIP 85-136	ICARDA/ICRISAT	KBS	X80 TH120/ILC 200xILC 484	SYR	Aleppo	Developed at ICARDA
6313	FLIP 85-137	ICARDA/ICRISAT	KBS	X79 TH177 BT/ILC 195xILC 482	SYR	Aleppo	Developed at ICARDA
6314	FLIP 85-138	ICARDA/ICRISAT	KBS	X81 TH15/ILC 480xILC 2956	SYR	Aleppo	Developed at ICARDA
6315	FLIP 85-139	ICARDA/ICRISAT	KBS	X79 TH264 BT/ILC 480xILC 72xILC 263	SYR	Aleppo	Developed at ICARDA
6316	FLIP 85-140	ICARDA/ICRISAT	KBS	X83 TH322/ILC 196xILC 464xFLIP 81-67	SYR	Aleppo	Developed at ICARDA
6317	FLIP 85-141	ICARDA/ICRISAT	KBS	X80 TH69/ILC 263xILC 200	SYR	Aleppo	Developed at ICARDA
6318	FLIP 85-142	ICARDA/ICRISAT	KBS	X83 TH23/FLIP 82-69xFLIP 82-72	SYR	Aleppo	Developed at ICARDA
6319	FLIP 85-143	ICARDA/ICRISAT	KBS	X81 TH104/ILC 72xILC 482	SYR	Aleppo	Developed at ICARDA
6320	FLIP 85-144	ICARDA/ICRISAT	KBS	X81 TH35/ILC 610xILC 2956	SYR	Aleppo	Developed at ICARDA
6321	FLIP 85-145	ICARDA/ICRISAT	KBS	X79 TH177 BT/ILC 195xILC 482	SYR	Aleppo	Developed at ICARDA



I/LC	DONO	CLOR	COLL	CLNO/PED	ORI PRO	LOC/REM
6322	FLIP 85-146	ICARDA/ICRISAT	KBS	X79 TH181 BT/ILC 3279xILC 1108	SYR Aleppo	Developed at ICARDA
6323	FLIP 85-147	ICARDA/ICRISAT	KBS	X79 TH69 BT/ILC 263xILC 200	SYR Aleppo	Developed at ICARDA
6324	FLIP 85-148	ICARDA/ICRISAT	KBS	X79 TH176 BT/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
6325	FLIP 85-149	ICARDA/ICRISAT	KBS	X79 TH176 BT/ILC 72xILC 215	SYR Aleppo	Developed at ICARDA
6326	FLIP 85-150	ICARDA/ICRISAT	KBS	X79 TH220/ILC 72xILC 480	SYR Aleppo	Developed at ICARDA
6327	FLIP 85-151	ICARDA/ICRISAT	KBS	L-550xILC 72	SYR Aleppo	Developed at ICARDA
6328	FLIP 85-152	ICARDA/ICRISAT	KBS	GL-609xILC 72	SYR Aleppo	Developed at ICARDA

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**PASSPORT INFORMATION ON**

**WILD CICER SPECIES**

ILWC	SPHA	DOOR	DOHC	CLOR	COLL	CLNO	ORI PRO/TOWN	LOC/REM
3	yamashitae	-	-	ALAD	-	-	AFG -	3Km W Sarabi, beside Kabul-Sarabi rd.
4	judaicum	-	-	ALAD	GCH	-	LBN Byblos	Near Byblos, Field, east part of Edde
7	bijugum	ICRISAT	-	ICRISAT	LJGM	JM 2103	TUR Mardin	35Km from Midyat/14Km from Savur
8	bijugum	ICRISAT	-	ICRISAT	LJGM	JM 2113	TUR Diyarbakir	33Km from Diyarbakir to Ergan
9	pinnatifidum	ICRISAT	-	ICRISAT	LJGM	JM 2123	TUR Adana	On Harput to Fatih Ahmed road
10	echinospermum	-	-	ICRISAT	LJGM	JM 2133	TUR Bingol	Harabe, 2Km to Salhan, 60Km W of Mus
15	chorassanicum	-	-	ALAD/ICRISAT	GCH/LJGM	JM 2226	AFG Bamyan	55Km from Bandi-Amir to Bamyan
16	chorassanicum	-	-	ALAD/ICRISAT	GCH/LJGM	JM 2230	AFG Bamyan	61Km from Bandi-Amir to Bamyan
19	cuneatum	ICRISAT	-	-	LJGM	NO 157	ETH Axum	Near Axum
20	judaicum	ICRISAT	-	-	-	NO 182	-	-
21	reticulatum	ICRISAT	-	ICRISAT	LJGM	JM 2106a	TUR Mardin	10Km from Savur to Mardin
22	pinnatifidum	ICRISAT	-	ICRISAT	LJGM	JM 2123	TUR Adana	2Km from Ciftahan to Pozanti
23	chorassanicum	ICRISAT	-	ICRISAT	LJGM	JM 2230	AFG Bamyan	East of Bandi-Amir, 45Km to Bamyan
28	bijugum	ICRISAT	-	-	-	NO 201	TUR -	-
29	pinnatifidum	ICRISAT	-	-	-	NO 189	TUR Gaziantep	5Km East of Gaziantep
30	judaicum	ICRISAT	-	-	-	NO 185	-	-
31	judaicum	UJOR	-	UJOR	NH	-	JOR Irbid	Beit Yafa, 20Km North West of Irbid
32	bijugum	-	-	ICARDA	MCS/WE	-	TUR Gaziantep	Near Gaziantep, field edge
33	pinnatifidum	WRPIS	PI 458557	ICRISAT	-	JM 2123	TUR Adana	-
34	bijugum	WRPIS	PI 458550	ICRISAT	-	NO 200	TUR Diyarbakir	28Km East of Diyarbakir
35	echinospermum	WRPIS	PI 489776	ICRISAT	-	-	TUR -	-
36	reticulatum	WRPIS	PI 489777	ICRISAT	-	-	TUR -	-
37	cuneatum	WRPIS	PI 458554	-	-	NO 157	ETH -	-
38	judaicum	WRPIS	PI 458558	ICRISAT	-	-	LBN -	-
39	echinospermum	ICRISAT	-	ICRISAT	RPSF	NO 204	TUR -	-
40	cuneatum	ICRISAT	-	ICRISAT	RPSF	NO 157	ETH -	-
41	judaicum	-	-	ICARDA	LH	LH-241	SYR Tartous	Near El Sauda village
42	bijugum	-	-	ICARDA	LH/AI	LH-240	SYR Aleppo	Azaz, near Kabeen village
43	judaicum	-	-	ICARDA/USOU/ARCD	NM/WM	2933	SYR Tartous	Makhraj Tahtani
44	judaicum	-	-	ICARDA/USOU/ARCD	NM/WM	1870	SYR Tartous	5Km North of Tartous
45	judaicum	-	-	ICARDA/USOU/ARCD	NM/WM	1877	SYR Tartous	12Km North of Tartous
46	judaicum	-	-	ICARDA/USOU/ARCD	NM/WM	2963	SYR Tartous	Haniue
47	judaicum	-	-	ICARDA/USOU/ARCD	NM/WM	2974	SYR Banias	Banias-Lattakia
48	judaicum	-	-	ICARDA/USOU/ARCD	NM/WM	1938	SYR Banias	Banias-Lattakia
49	pinnatifidum	-	-	ICARDA/USOU/ARCD	NM/WM	2686	SYR Damascus	Sarghaya
50	judaicum	-	-	ICARDA	LH	LH-242	SYR Tartous	Near El Sauda village(800m)

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**EVALUATION DATA ON**

**LAND RACES**

**ABBREVIATIONS USED FOR EVALUATION DATA LISTING**

ILC	International Legume Chickpea
DAF	Days to 50% flowering
FDU	Flowering duration
DMA	Days to maturity
HGT	Plant height
CAW	Canopy width
GrH	Growth habit
BYD	Biological yield
SYD	Seed yield
HI	Harvest index
S/M	Number of seeds/m <sup>2</sup>
PD	Pod dehiscence
HSW	Hundred seed weight
PRO	Protein content (percent)
SS	Seed shape
SCO	Seed color
SRO	Seed roughness
AB	Ascochyta blight
FW	Fusarium wilt
LM	Leaf miner
CC	<u>Callosobruchus chinensis</u>
CN	Cyst nematode
COL	Cold
IDC	Iron deficiency chlorosis
HER	Herbicide

ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
1	5	5	4	5	5	3	4	4	4	5	2	4	5	1	2	1	9	6	9	8	7	8	1	0
2	5	6	4	5	6	4	3	2	4	4	3	3	5	1	2	1	9	6	9	8	7	9	1	0
3	5	5	4	5	5	3	4	4	4	4	2	4	4	1	1	1	9	8	9	7	9	8	1	0
4	5	5	4	5	6	3	3	3	4	4	2	4	5	1	2	1	9	6	7	8	8	8	1	0
5	4	4	4	6	4	3	5	4	4	4	3	5	5	1	2	1	9	7	9	9	9	8	1	0
6	5	6	4	5	5	3	4	3	4	5	3	3	4	1	4	1	9	9	9	7	8	8	1	0
7	5	5	4	5	6	3	4	4	4	5	5	4	5	1	4	1	9	9	9	7	8	8	1	0
8	5	6	5	5	6	3	4	4	4	5	3	3	5	1	1	1	9	8	9	8	8	8	1	0
9	5	5	5	4	5	3	3	4	5	5	3	3	4	1	2	1	9	9	7	7	8	9	1	0
10	5	4	5	5	6	3	4	3	4	5	1	3	5	1	2	1	9	6	9	9	8	9	1	0
11	5	5	5	5	5	3	4	4	5	5	4	4	5	1	4	1	9	8	9	8	8	9	1	0
12	5	5	4	7	5	3	4	4	4	5	3	4	5	1	3	3	9	9	9	8	8	8	1	0
13	5	6	5	4	5	3	5	4	4	5	3	3	5	1	3	3	9	9	9	7	8	8	1	0
14	5	6	5	4	5	3	4	4	4	4	2	5	4	1	4	1	9	8	9	7	8	8	1	0
15	5	5	5	5	5	3	3	3	4	5	3	4	5	1	1	1	9	8	9	8	9	8	1	0
16	5	6	5	6	5	3	5	5	4	6	2	4	5	1	2	1	9	6	7	8	8	8	1	0
17	4	5	5	6	4	3	5	5	4	4	3	5	6	1	2	1	9	9	9	8	8	8	1	0
18	5	6	5	5	5	3	6	6	4	5	3	5	6	1	4	1	9	8	9	8	7	8	1	0
19	4	6	5	6	6	3	3	3	4	4	2	4	6	1	2	1	9	9	9	8	7	8	3	0
20	5	6	5	5	5	2	4	4	4	4	5	5	3	1	4	1	9	9	7	7	9	8	1	0
21	4	4	5	4	5	2	3	3	5	5	4	3	4	1	1	1	9	9	9	8	7	8	1	0
22	4	6	5	4	5	2	4	5	6	6	3	3	4	1	4	1	9	9	9	7	9	8	1	0
23	4	5	4	5	5	3	4	4	5	5	3	4	5	1	1	3	9	9	9	6	7	9	1	0
24	4	5	4	6	5	3	4	3	4	4	4	4	6	1	3	3	9	8	9	8	8	9	1	0
25	4	5	5	5	6	3	4	4	4	4	3	5	6	1	4	3	9	9	7	8	8	8	1	0
26	5	5	5	4	7	3	4	4	5	4	5	5	4	1	2	1	9	8	7	7	9	8	1	0
27	4	4	4	5	6	3	4	4	4	5	3	3	5	1	1	1	9	9	9	7	8	9	1	0
28	5	6	5	6	4	3	5	4	4	5	2	5	5	1	2	1	9	8	9	7	8	9	1	0
29	5	6	4	6	5	3	5	4	4	5	4	4	5	1	2	1	9	7	9	8	8	8	1	0
30	4	4	5	5	5	3	4	4	4	5	5	4	5	1	4	1	9	8	7	8	7	8	1	0
31	5	6	4	7	3	4	5	5	4	5	3	4	5	1	1	1	9	8	9	9	7	8	1	0
32	5	6	4	5	5	3	4	3	4	5	4	3	4	1	1	1	9	8	9	6	7	8	1	0
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37	5	6	5	6	4	2	5	5	5	6	2	3	4	1	1	3	9	8	9	7	7	8	1	0
38	5	5	5	4	5	3	3	4	5	5	5	3	4	1	3	3	9	9	9	7	8	8	1	0
39	4	5	4	4	5	3	5	4	4	6	4	3	5	1	4	1	9	8	9	9	8	8	1	0
40	4	3	4	6	5	3	4	3	3	5	2	3	4	1	1	3	9	6	9	9	9	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
41	4	3	4	6	5	3	4	4	4	5	2	3	5	1	1	3	9	6	9	9	8	9	1	0
42	5	6	5	6	5	3	5	5	5	6	2	3	4	1	1	1	9	8	9	8	7	9	1	0
43	5	5	5	5	5	3	4	4	4	5	5	3	5	1	2	1	9	8	9	8	8	8	1	0
44	5	5	5	5	4	3	4	5	5	5	2	5	5	1	1	1	9	9	9	8	7	9	1	0
45	4	4	5	4	6	3	4	3	4	5	3	4	5	1	3	3	9	9	7	8	8	8	1	0
46	4	4	5	5	6	3	4	4	4	5	2	4	5	1	3	3	9	9	9	7	7	8	1	0
47	4	4	5	4	6	3	4	4	4	5	2	4	5	1	1	3	9	9	9	7	7	8	1	0
48	4	5	5	4	5	3	4	4	6	5	2	4	4	1	4	1	9	9	7	9	7	8	1	0
49	4	3	4	5	5	3	4	3	4	5	3	4	4	1	2	1	9	9	9	9	8	8	1	0
50	5	5	5	4	5	3	4	4	5	5	2	4	4	1	1	3	9	9	9	8	9	8	1	0
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52	4	3	4	5	5	3	4	3	4	4	2	4	4	1	1	3	9	8	9	7	7	8	1	0
53	4	4	4	4	5	3	4	4	4	5	3	4	5	1	3	3	9	6	9	9	7	8	1	0
54	4	5	4	6	5	3	5	4	4	5	2	4	4	1	3	3	9	4	9	9	7	8	1	0
55	4	4	5	4	5	3	3	3	4	3	1	5	4	1	1	3	9	8	7	9	8	8	1	0
56	5	5	4	5	4	3	4	3	3	5	2	3	4	1	2	1	9	8	9	8	8	9	1	0
57	5	5	4	5	5	3	4	4	4	5	5	4	4	1	2	1	9	8	9	8	8	9	1	0
58	4	4	4	3	6	3	3	3	4	5	3	3	5	1	1	3	9	9	7	8	7	8	1	0
59	5	6	4	5	6	3	4	4	5	5	2	3	4	1	1	3	9	9	9	8	6	7	1	0
60	4	4	4	5	5	3	4	4	3	5	4	3	4	1	2	1	9	8	9	8	8	9	1	0
61	5	5	5	5	6	3	5	5	5	5	3	4	4	1	2	3	9	9	9	6	8	9	1	0
62	5	5	5	5	5	3	4	4	4	5	5	3	5	1	1	1	9	9	9	8	9	8	1	0
63	4	4	4	5	6	3	5	4	4	5	6	3	5	1	1	1	9	9	9	8	8	8	1	0
64	5	5	4	5	6	3	4	4	4	5	6	3	5	1	1	1	9	8	9	8	8	8	1	0
65	4	5	5	5	5	3	4	4	4	5	6	4	5	1	1	2	9	9	7	8	7	8	1	0
66	5	5	5	3	6	3	2	4	6	5	6	4	5	1	4	1	9	9	9	8	7	9	1	0
67	4	5	4	4	6	3	4	6	6	6	6	3	3	1	1	1	9	9	9	8	8	8	1	0
68	5	5	5	5	5	3	5	5	5	6	6	3	5	1	1	1	9	8	9	6	8	8	1	0
69	4	5	4	6	5	3	4	3	4	5	3	4	4	1	1	1	9	9	9	8	7	8	1	0
70	5	6	5	5	5	3	4	3	4	5	3	4	5	1	3	3	9	9	9	9	6	9	1	0
71	4	4	4	5	5	3	5	5	4	5	3	4	4	1	1	1	9	8	9	8	7	8	1	0
72	6	6	5	2	4	2	4	5	5	5	5	5	4	2	4	2	3	9	9	8	8	9	1	0
73	5	5	5	4	5	3	3	3	4	5	2	3	4	1	2	1	7	9	9	9	8	8	1	0
74	5	5	5	4	6	2	4	3	4	5	4	3	5	1	2	1	7	9	9	9	8	8	1	0
75	5	4	4	4	6	2	3	3	4	5	2	3	4	1	2	1	9	8	9	8	8	8	1	0
76	5	5	4	4	5	2	3	3	4	5	3	3	4	1	2	1	7	8	9	8	8	9	1	0
77	5	4	4	3	6	2	3	3	4	5	4	3	4	1	2	1	7	8	9	7	9	8	1	0
78	6	6	5	5	6	2	3	5	7	6	2	3	2	1	1	1	9	8	9	8	9	8	1	0
79	5	5	4	5	4	2	3	3	4	5	1	3	4	1	4	1	7	5	9	8	7	9	1	0
80	5	5	4	4	5	2	3	3	4	5	1	3	3	1	2	1	7	6	9	7	8	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
81	5	6	4	4	6	3	3	4	5	5	4	4	4	1	4	1	9	7	9	8	7	8	1	0
82	5	5	4	4	4	2	3	3	5	5	4	3	2	1	5	1	9	9	7	8	7	8	1	0
83	5	5	4	4	5	2	4	4	4	5	3	3	3	1	4	1	9	8	9	8	8	8	1	0
84	5	5	4	6	5	2	4	4	5	5	2	3	3	1	2	1	7	9	9	8	7	8	1	0
85	5	4	4	4	5	2	4	4	4	5	4	3	4	1	2	1	7	8	9	9	7	8	1	0
86	5	5	4	4	7	2	4	4	5	5	2	3	4	1	4	1	9	8	9	8	9	8	1	0
87	5	4	5	4	6	2	3	3	4	5	3	3	3	1	4	1	9	8	9	8	8	8	1	0
88	4	5	5	5	6	2	3	4	5	6	2	2	2	1	3	1	9	8	9	8	7	8	1	0
89	4	5	4	4	6	3	3	4	5	5	2	4	5	1	3	3	9	9	9	8	7	9	1	0
90	5	5	5	5	7	2	3	5	7	6	3	3	3	1	4	1	9	9	7	8	8	8	1	0
91	5	5	4	4	6	2	4	3	4	5	2	4	4	1	2	1	9	8	9	7	7	8	1	0
92	5	4	4	5	5	2	4	4	4	5	4	3	4	1	1	1	9	7	9	8	7	8	1	0
93	4	5	4	4	5	3	5	5	5	5	4	5	3	1	1	3	9	9	9	8	7	8	1	0
94	5	6	4	6	5	3	4	4	4	5	6	4	4	1	4	1	9	7	9	8	9	8	1	0
95	5	5	5	4	5	2	3	3	5	5	7	2	2	1	2	1	9	9	9	8	7	8	1	0
96	5	5	5	4	7	2	3	3	5	5	4	2	3	1	2	1	8	9	9	8	7	8	1	0
97	5	5	5	2	6	2	2	2	5	5	4	2	2	1	2	3	7	9	9	8	8	7	1	0
98	5	5	5	3	6	2	2	3	5	5	3	2	2	1	2	3	7	9	9	8	9	8	1	0
99	4	4	5	3	5	2	1	2	5	5	4	2	2	1	4	1	9	8	9	7	8	8	1	0
100	5	5	4	3	6	3	3	3	5	5	5	2	3	1	2	1	9	8	9	7	9	8	1	0
101	5	5	4	2	6	2	2	3	5	5	5	2	3	1	1	1	9	9	9	8	8	8	1	0
102	5	5	5	3	6	2	4	5	6	6	5	3	3	1	2	1	9	9	9	8	8	8	1	0
103	5	5	5	4	6	2	2	4	7	6	3	3	4	1	4	1	9	9	7	8	8	8	1	0
104	5	4	5	2	6	2	1	5	8	6	3	3	4	1	1	1	9	9	7	7	9	8	1	0
105	5	4	5	3	6	2	2	4	7	6	6	3	4	1	4	1	9	8	9	7	9	8	1	0
106	5	4	5	4	6	2	4	5	6	6	7	3	5	1	2	1	9	8	9	7	9	8	1	0
107	5	5	5	4	6	2	4	6	7	6	7	3	3	1	1	1	9	9	9	9	9	8	1	0
108	5	6	5	4	6	2	2	3	5	5	4	2	3	1	1	1	9	9	9	9	9	8	1	0
109	5	5	5	3	7	2	4	4	5	6	4	2	4	1	1	1	7	9	9	8	9	8	1	0
110	5	6	5	2	8	2	2	4	6	5	7	3	4	1	2	1	9	9	9	9	8	8	1	0
111	5	5	5	2	7	2	2	3	5	5	3	2	4	1	4	1	9	9	9	8	9	8	1	0
112	5	5	5	4	4	2	3	3	5	5	3	3	4	1	1	1	9	9	9	7	9	8	1	0
113	5	4	5	2	6	2	3	5	7	6	2	3	4	1	4	1	9	9	9	8	9	8	1	0
114	4	4	5	3	7	2	2	3	6	5	5	2	4	1	4	1	9	6	9	8	9	8	1	0
115	5	4	5	4	6	3	4	4	5	5	2	3	4	1	4	1	9	9	9	8	9	8	1	0
116	4	4	4	4	6	2	3	3	4	5	3	3	4	1	4	3	7	9	9	8	8	9	1	0
117	5	4	5	2	6	2	3	5	7	6	2	3	4	1	2	1	9	8	9	8	8	8	1	0
118	5	4	5	2	8	2	1	4	7	5	2	3	4	1	4	1	7	9	9	9	7	8	1	0
119	5	5	4	3	5	2	2	3	5	5	3	3	4	1	4	1	7	9	9	9	9	8	1	0
120	5	5	4	4	6	2	3	3	5	5	3	2	3	1	1	1	9	9	9	8	8	9	1	0



ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
121	5	4	5	2	6	2	3	6	8	6	3	3	5	1	2	1	9	8	9	9	9	8	1	0
122	5	4	5	2	8	2	4	6	7	6	2	2	5	1	2	1	9	8	9	7	9	8	1	0
123	6	5	5	4	5	2	4	6	8	6	2	3	3	1	1	1	9	9	9	8	8	8	1	0
124	5	5	5	3	5	2	4	6	8	6	2	3	5	1	1	1	9	8	9	8	9	9	1	0
125	5	5	4	4	6	2	3	3	4	5	2	3	4	1	1	1	9	9	9	8	8	8	1	0
126	5	4	4	4	5	2	4	4	4	5	1	3	4	1	1	1	9	8	9	8	8	8	1	0
127	4	4	4	3	5	2	4	2	2	4	4	4	5	1	2	1	7	6	9	8	9	7	1	0
128	4	4	4	4	5	2	3	4	6	6	2	2	4	1	3	1	7	6	9	8	9	5	1	0
129	5	5	5	2	5	2	3	5	7	5	2	4	4	1	4	1	9	8	9	8	8	8	1	0
130	5	5	4	4	6	3	4	4	5	5	2	3	3	1	1	1	9	6	9	8	7	8	1	0
131	5	3	5	5	5	2	4	6	7	6	2	3	4	1	2	1	7	8	9	8	9	8	1	0
132	5	4	4	4	5	3	4	4	4	5	1	3	4	1	4	1	7	7	9	8	9	8	1	0
133	5	5	5	4	5	3	5	6	7	6	3	2	3	1	3	1	9	9	9	8	9	9	1	0
134	5	5	5	4	5	3	5	4	4	5	2	3	5	1	4	1	9	9	9	8	9	9	1	0
135	5	3	5	5	4	2	4	4	5	6	2	3	4	1	4	1	9	8	9	9	9	8	1	0
136	5	5	5	5	5	2	3	4	5	5	5	2	3	1	4	1	9	6	9	6	9	8	1	0
137	5	6	5	4	5	3	5	5	5	5	2	4	4	1	4	1	9	8	9	8	9	8	1	0
138	5	5	4	4	5	2	4	4	5	5	2	3	4	1	4	1	7	8	9	8	9	8	1	0
139	5	4	5	4	5	2	4	6	7	6	4	2	3	1	3	1	7	8	9	8	9	8	1	0
140	5	5	5	4	5	2	4	6	8	6	5	3	3	1	1	1	9	9	9	8	9	8	1	0
141	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	7	0	0	0	0	0	0	0
142	3	3	4	4	6	2	3	3	5	5	2	3	4	1	4	1	9	9	9	8	9	9	1	0
143	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	9	0	0	0	0	0
144	5	5	5	3	6	2	1	5	8	6	5	3	3	1	3	1	9	9	9	9	9	8	1	0
145	5	5	5	4	6	2	2	5	7	6	4	2	4	1	2	1	9	6	5	8	8	8	1	0
146	6	5	5	4	6	3	3	5	6	5	1	4	4	1	1	1	9	9	9	8	9	8	1	0
147	3	5	5	4	5	3	3	3	4	5	2	3	6	1	2	1	9	9	9	8	9	8	1	0
148	3	4	5	4	5	2	3	3	5	5	5	2	5	1	2	1	9	8	9	8	9	8	1	0
149	5	5	5	4	6	2	3	2	4	5	2	2	5	1	1	1	9	8	9	8	9	8	1	0
150	4	5	5	3	6	3	3	3	4	5	3	3	5	1	2	1	7	8	9	8	9	8	1	0
151	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	7	0	7	0	0	0	0	0
152	5	5	5	4	5	2	4	3	4	5	2	4	4	1	1	1	7	9	9	8	8	8	1	0
153	5	5	4	3	5	2	3	3	5	5	2	3	4	1	2	1	7	9	9	8	8	8	1	0
154	5	5	4	4	5	3	4	4	4	5	3	4	4	1	3	3	9	9	9	8	9	8	1	0
155	4	4	5	2	6	2	2	3	5	5	4	3	4	1	1	1	9	9	9	8	9	9	1	0
156	4	5	4	4	6	3	3	3	5	5	8	3	3	1	4	1	9	8	9	8	9	8	1	0
157	5	5	5	4	6	2	1	4	7	5	5	2	3	1	2	1	9	8	9	8	9	8	1	0
158	4	5	4	5	5	3	4	4	4	5	5	4	4	1	2	1	9	6	9	8	9	8	1	0
159	5	5	5	3	6	2	3	4	6	6	4	2	3	1	1	1	9	8	9	8	8	8	1	0
160	5	6	4	5	6	3	3	3	4	5	4	4	4	1	4	1	9	5	9	8	7	9	1	0

## 236 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DHA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
161	4	6	4	4	5	3	4	4	5	5	3	3	2	1	2	1	9	9	9	9	9	8	1	0
162	5	6	4	5	6	3	4	3	4	5	2	4	4	1	4	1	9	8	9	8	9	9	1	0
163	4	5	5	4	6	2	4	4	5	5	2	4	3	1	2	3	9	9	9	9	8	8	1	0
164	5	5	5	3	6	2	4	5	6	6	6	3	4	1	1	1	9	8	9	8	9	8	1	0
165	4	4	5	5	6	2	3	3	4	5	6	2	4	1	2	1	9	9	9	7	7	6	1	0
166	4	5	5	4	5	2	2	3	5	5	5	3	4	1	4	1	9	8	9	8	7	6	1	0
167	5	5	5	4	6	2	3	3	4	5	6	3	4	1	1	1	9	9	9	8	7	7	1	0
168	5	6	5	3	5	2	3	3	5	5	5	3	4	1	2	1	9	9	9	8	7	8	1	0
169	5	5	5	4	6	2	4	5	6	7	6	3	3	1	2	1	9	9	9	8	7	8	1	0
170	5	5	4	5	5	3	4	3	4	4	1	4	4	1	1	1	9	9	9	8	7	8	1	0
171	5	6	5	4	6	3	2	3	6	5	7	3	4	1	2	1	9	9	9	8	7	8	1	0
172	5	5	5	4	6	3	3	3	5	5	2	4	4	1	4	1	9	9	9	8	7	8	1	0
173	4	5	5	4	6	2	3	4	6	6	4	2	3	1	3	1	9	8	9	8	8	8	1	0
174	5	5	4	4	6	2	3	3	5	5	2	4	3	1	2	1	9	9	9	8	8	8	1	0
175	5	5	4	4	6	2	3	3	4	5	3	4	3	1	2	1	9	9	9	8	8	8	1	0
176	5	5	4	4	6	2	4	3	4	4	4	4	4	2	2	1	7	9	9	8	8	8	1	0
177	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
178	5	5	4	4	6	2	3	2	4	4	2	3	5	1	4	1	7	9	9	9	8	8	1	0
179	5	4	6	4	6	2	4	7	8	7	3	4	5	1	2	1	7	9	9	9	8	8	1	0
180	5	4	6	4	6	2	4	7	8	6	4	4	5	1	4	1	7	9	9	8	7	7	1	0
181	5	5	4	4	6	2	4	4	4	5	2	4	5	1	2	1	7	9	9	8	7	8	1	0
182	5	5	4	4	5	2	5	5	5	4	3	5	4	2	2	1	3	8	9	8	7	8	1	0
183	4	4	5	5	5	3	5	5	5	4	4	5	4	2	2	1	4	9	7	8	9	8	1	0
184	5	5	4	4	5	2	4	4	4	4	7	5	4	2	2	2	7	8	9	7	8	8	1	0
185	5	5	4	4	5	2	3	4	5	4	5	5	4	2	2	2	7	8	9	7	8	8	1	0
186	5	6	4	4	5	2	4	4	5	4	6	5	5	2	2	2	7	9	9	8	8	8	1	0
187	5	5	4	4	5	2	4	5	5	4	4	5	5	2	4	2	3	9	9	8	7	7	1	0
188	4	5	4	4	6	2	3	2	4	3	3	5	6	2	4	2	7	8	9	8	9	8	1	0
189	5	6	5	4	5	2	5	5	5	4	2	5	5	2	4	2	7	9	9	8	9	8	1	0
190	4	4	4	5	6	2	3	3	4	4	2	5	5	2	2	2	6	9	7	8	7	8	1	0
191	6	6	5	4	6	2	6	6	4	5	7	5	6	2	2	2	5	9	9	9	8	8	1	0
192	6	6	5	4	5	2	5	5	5	4	4	6	6	2	4	2	7	9	9	8	7	8	1	0
193	5	5	5	4	5	2	6	5	4	4	6	0	5	2	4	2	7	8	9	8	7	8	1	0
194	4	5	4	4	6	3	4	5	6	4	4	5	4	2	2	2	4	9	9	8	8	7	1	0
195	5	5	5	4	6	2	4	4	5	4	5	5	5	1	4	1	5	9	9	9	8	9	1	0
196	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	5	9	9	8	8	8	0	0
197	5	6	5	3	5	2	4	5	6	5	5	5	5	2	2	2	9	9	9	8	8	8	1	0
198	6	6	5	2	5	2	4	5	6	4	5	5	6	2	4	2	9	9	9	8	8	8	1	0
199	5	5	4	3	5	2	4	4	5	3	6	5	4	1	1	2	9	9	9	8	8	8	1	0
200	5	5	4	4	4	2	4	5	5	4	4	5	5	2	4	2	3	9	9	8	8	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
201	4	4	4	5	5	3	4	4	5	4	3	5	4	1	4	1	9	9	9	8	7	8	1	0
202	6	6	5	2	4	2	4	4	5	4	5	5	5	2	4	2	5	8	9	8	7	8	1	0
203	4	4	4	4	5	3	5	5	5	4	3	5	6	2	4	2	9	9	9	8	8	8	1	0
204	4	4	4	6	4	3	6	6	4	3	2	6	5	2	2	1	9	9	9	8	8	8	1	0
205	5	6	5	5	5	3	4	4	5	3	4	0	5	2	1	2	7	9	9	8	7	8	1	0
206	4	4	4	6	4	3	5	5	4	3	2	6	5	1	2	1	9	9	9	8	8	8	1	0
207	6	6	5	6	4	3	5	4	4	4	2	5	6	1	1	1	9	9	9	8	8	8	1	0
208	5	6	4	5	5	3	6	5	4	5	2	5	5	1	5	1	9	9	7	9	8	8	1	0
209	5	6	4	6	4	3	5	4	1	5	2	3	6	1	1	1	9	9	9	8	8	8	1	0
210	4	5	5	6	4	3	4	4	4	3	2	6	4	2	5	1	6	9	9	9	9	8	1	0
211	5	5	5	7	4	3	6	5	4	2	2	6	4	2	2	2	9	0	9	9	9	7	1	0
212	6	6	5	5	5	3	4	5	6	4	2	0	5	2	4	2	7	9	9	8	8	8	1	0
213	5	4	4	5	5	3	4	4	5	4	7	5	5	1	1	1	9	9	9	8	8	8	1	0
214	4	4	4	4	6	2	5	5	4	5	3	5	5	1	1	1	9	9	9	8	8	8	1	0
215	4	4	4	5	6	3	4	4	4	5	3	3	5	1	4	1	7	8	9	8	8	8	1	0
216	4	4	5	5	6	3	3	4	5	5	5	3	4	1	2	1	9	9	9	8	8	8	1	0
217	4	3	4	5	5	3	5	5	4	5	3	5	6	1	2	1	9	9	9	8	8	8	1	0
218	4	5	4	6	6	3	5	4	4	4	3	5	6	1	2	1	9	9	9	8	7	8	1	0
219	5	5	4	5	5	3	4	3	4	4	4	5	5	2	2	1	7	0	9	8	8	1	0	
220	5	5	4	4	5	3	4	4	4	4	5	5	6	1	2	1	9	9	9	9	9	8	1	0
221	5	5	4	4	6	3	2	2	4	4	5	4	5	1	2	1	9	9	7	7	8	8	1	0
222	4	4	4	4	6	3	4	4	4	4	5	4	6	1	1	1	9	8	9	8	8	8	1	0
223	5	5	4	5	5	3	5	4	4	3	2	6	6	2	5	3	9	9	9	9	8	8	1	0
224	4	5	5	5	6	3	4	4	4	5	3	4	4	1	2	1	9	8	7	7	8	8	1	0
225	4	4	4	5	6	3	4	4	5	5	4	4	4	1	2	1	9	9	9	8	8	8	1	0
226	4	5	4	5	6	3	4	4	4	5	3	4	6	1	1	1	9	9	9	8	8	8	1	0
227	5	5	5	3	5	2	4	4	6	6	7	3	6	1	1	1	9	9	9	6	8	8	1	0
228	4	5	4	5	6	3	3	3	5	4	5	5	4	1	2	3	9	9	9	7	8	8	1	0
229	6	6	5	4	6	2	5	5	5	6	5	2	5	1	1	1	9	8	9	8	8	8	1	0
230	5	6	4	6	5	3	5	5	5	4	6	6	6	2	4	2	7	9	7	9	9	9	1	0
231	5	6	5	5	5	3	4	4	4	5	3	4	6	1	2	1	7	8	9	8	9	8	1	0
232	4	4	4	5	6	3	3	3	4	4	3	4	7	1	3	3	9	8	9	8	9	8	1	0
233	5	5	5	5	6	3	5	5	5	5	5	4	5	1	1	1	9	7	9	8	9	8	1	0
234	4	4	4	5	5	3	5	5	3	5	2	4	7	1	1	1	9	9	9	8	9	8	1	0
235	4	5	5	4	5	3	4	4	5	5	5	4	5	1	2	3	9	8	9	8	8	8	1	0
236	5	5	5	5	5	2	6	6	5	5	5	6	4	2	1	1	5	9	7	9	8	8	1	0
237	4	5	4	3	6	2	3	3	4	5	4	4	5	1	4	1	9	0	9	8	7	8	1	0
238	4	5	5	4	6	2	4	4	5	5	6	4	4	1	2	1	9	9	9	8	7	8	1	0
239	5	5	4	4	6	3	5	5	5	5	5	4	5	1	1	1	9	9	9	8	7	8	1	0
240	5	5	4	4	6	2	4	5	6	5	4	4	5	1	4	1	9	8	9	9	7	8	1	0

## 238 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DHA	HGT	CAW	GrH	BYD	SYD	II	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
241	5	5	4	5	5	3	5	5	4	4	2	5	5	1	1	1	9	9	9	8	8	8	1	0
242	5	6	5	5	5	3	4	4	4	4	6	5	5	1	1	1	9	9	9	8	9	8	1	0
243	4	4	4	5	5	3	5	5	3	3	2	6	7	1	2	1	7	9	9	8	9	8	1	0
244	5	5	4	5	5	3	5	4	3	4	2	5	6	2	5	2	7	8	7	8	9	6	1	0
245	5	5	5	5	5	3	4	4	5	4	5	5	6	1	2	1	7	9	9	9	9	7	1	0
246	5	5	4	4	5	2	4	4	4	5	3	4	5	1	4	1	7	9	9	9	8	8	1	0
247	5	4	5	6	4	2	4	4	5	5	2	4	6	1	4	1	7	9	9	9	8	8	1	0
248	4	5	4	5	5	2	4	4	5	5	3	5	6	1	4	1	6	9	9	9	8	8	1	0
249	4	5	4	5	5	2	5	4	4	5	3	5	6	1	4	1	6	9	9	9	7	8	1	0
250	4	4	5	5	5	2	5	5	5	4	2	5	5	2	4	2	7	9	9	8	9	9	1	0
251	4	4	4	6	3	2	5	5	4	5	5	4	6	2	4	2	9	9	9	8	8	8	1	0
252	4	5	4	5	4	2	4	4	4	4	5	4	6	1	1	1	9	8	9	8	8	8	1	0
253	4	4	4	4	5	2	5	5	5	5	6	4	6	1	1	1	9	8	9	8	8	8	1	0
254	5	5	5	5	5	2	4	4	5	6	4	3	5	1	2	1	9	9	9	8	8	8	1	0
255	4	5	4	5	5	2	4	4	4	5	4	4	5	1	1	1	9	9	9	7	8	8	1	0
256	5	5	4	5	6	2	4	4	5	5	4	4	5	1	1	1	9	4	9	8	7	8	1	0
257	5	5	4	4	5	2	5	5	5	5	4	4	5	1	1	1	9	5	9	8	7	8	1	0
258	5	5	4	4	6	2	4	3	4	5	3	4	5	1	1	1	9	6	9	7	8	8	1	0
259	4	5	5	5	6	2	4	4	5	5	4	3	6	1	2	1	9	8	9	8	7	8	1	0
260	4	5	5	4	6	3	6	6	5	6	5	4	7	1	1	1	7	5	9	8	7	8	1	0
261	5	5	5	5	5	3	4	3	4	5	5	4	6	1	1	1	9	9	9	7	7	7	1	0
262	5	5	5	5	6	3	4	3	4	4	5	4	7	1	2	1	9	9	9	9	7	8	1	0
263	5	6	5	5	6	3	5	4	4	5	5	4	6	1	1	1	9	9	9	9	7	7	1	0
264	5	6	5	5	5	3	3	3	4	4	2	5	7	1	2	1	9	7	9	9	9	8	1	0
265	5	5	5	6	5	3	5	5	4	4	4	0	6	2	4	2	9	9	9	8	9	8	1	0
266	5	5	5	6	5	2	4	4	4	5	8	5	5	1	2	1	9	9	9	9	9	8	1	0
267	4	5	4	7	3	2	5	6	7	5	2	5	7	2	4	2	9	0	9	9	9	5	1	0
268	5	4	4	6	4	3	4	4	5	4	2	5	5	1	2	1	9	9	9	9	9	8	1	0
269	4	5	4	6	6	3	5	4	4	4	2	5	6	1	1	3	9	9	9	8	9	8	1	0
270	5	6	4	6	5	3	5	5	5	4	3	6	6	1	1	1	9	9	9	9	8	8	1	0
271	6	6	5	5	5	2	3	3	5	4	3	5	5	1	1	1	9	9	7	8	8	8	1	0
272	5	5	4	3	6	3	3	5	7	5	4	5	5	1	1	1	9	9	9	8	8	8	1	0
273	4	5	4	4	6	3	4	4	5	4	4	5	4	1	2	1	9	8	9	8	8	8	1	0
274	4	5	4	4	6	3	5	5	5	4	4	0	5	1	2	1	9	9	9	9	8	8	1	0
275	4	3	4	4	6	3	3	3	4	4	3	5	4	1	2	3	9	9	9	9	9	8	1	0
276	5	5	4	5	5	3	5	5	4	5	3	5	4	1	2	1	9	6	7	8	8	8	1	0
277	5	5	4	7	5	3	3	3	4	4	4	4	4	1	1	1	9	8	9	8	9	8	1	0
278	5	6	5	5	6	3	4	4	4	5	4	3	4	1	2	1	9	8	9	7	8	8	1	0
279	5	5	4	4	4	3	5	4	4	4	2	5	7	1	4	1	9	9	9	7	9	8	1	0
280	4	4	4	5	4	3	5	4	4	5	3	5	6	1	2	1	9	5	7	8	9	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LH	CC	CN	COL	IDC	HER
281	4	4	4	4	5	3	3	3	4	4	3	5	4	1	3	3	9	9	9	8	8	5	1	0
282	5	5	5	4	4	3	3	3	5	3	3	5	4	1	1	1	9	9	9	8	7	7	1	0
283	5	5	4	4	4	3	5	6	5	6	7	4	6	1	2	1	9	8	9	8	8	9	1	0
284	4	5	5	4	3	3	3	3	4	4	3	5	4	1	4	1	9	6	9	8	9	8	1	0
285	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
286	5	5	5	5	4	3	4	4	5	5	3	4	4	1	2	1	9	8	9	7	8	8	3	0
287	5	5	5	4	4	2	4	4	5	4	6	5	4	1	2	3	9	6	7	8	9	7	1	0
288	4	4	5	5	4	3	5	5	4	5	8	5	4	1	3	3	9	8	9	8	9	8	1	0
289	5	5	5	4	5	3	5	5	4	5	5	4	5	1	2	3	9	8	9	8	9	8	1	0
290	4	4	5	4	5	3	3	3	4	4	6	4	4	1	2	3	9	8	9	8	9	8	1	0
291	5	5	5	4	4	2	3	3	4	4	5	4	5	1	1	1	9	9	9	8	9	8	1	0
292	4	5	5	4	5	3	5	4	2	4	3	5	6	1	2	3	9	8	9	9	9	8	1	0
293	4	4	5	4	5	3	5	6	6	6	3	4	6	1	4	1	9	8	9	9	9	8	1	0
294	5	4	5	4	5	3	4	4	5	5	5	4	6	1	4	1	9	8	9	9	9	8	1	0
295	4	4	5	4	4	2	5	4	4	5	3	4	7	1	4	1	9	8	9	9	9	8	1	0
296	5	4	4	5	4	3	3	4	5	4	4	5	6	1	1	1	9	9	9	7	9	8	1	0
297	4	4	4	4	4	2	3	3	4	4	4	4	6	1	1	1	9	9	9	7	9	8	1	0
298	4	4	4	4	4	2	4	4	4	5	4	4	6	1	1	1	9	8	9	9	8	8	1	0
299	4	5	4	6	3	3	5	5	4	5	3	4	6	2	4	1	9	8	9	8	9	8	1	0
300	5	6	5	6	4	3	4	3	4	4	2	4	6	1	1	1	7	8	9	9	9	8	1	0
301	5	6	5	6	4	2	4	5	5	5	4	4	5	1	2	1	9	9	7	9	9	8	1	0
302	4	4	5	5	4	2	4	4	4	4	3	5	5	1	4	1	7	8	9	8	9	8	1	0
303	4	4	5	5	4	3	5	5	4	5	2	4	6	1	1	1	9	9	9	6	9	8	1	0
304	4	4	5	4	4	3	5	4	4	5	2	4	6	1	1	1	9	9	9	6	9	8	1	0
305	5	5	5	5	4	3	5	4	4	4	2	5	6	1	2	3	9	9	7	8	9	7	1	0
306	4	4	4	5	3	2	5	5	5	4	3	5	5	1	4	1	9	8	9	8	9	8	1	0
307	4	4	4	5	3	2	3	3	4	4	3	4	5	1	4	1	9	8	9	8	9	8	1	0
308	4	3	5	5	3	3	5	5	5	5	3	4	7	1	2	1	9	9	9	8	9	8	1	0
309	4	4	4	5	3	3	4	4	4	3	3	0	5	1	1	1	9	9	9	8	9	8	1	0
310	4	4	4	5	3	3	5	5	4	4	2	6	6	1	1	1	9	9	9	9	8	8	1	0
311	6	4	5	6	4	2	4	5	5	4	2	5	5	1	3	3	9	9	9	8	9	6	1	0
312	5	5	5	5	5	3	6	6	5	4	3	6	5	1	4	1	9	9	9	9	7	8	1	0
313	5	6	5	5	5	3	5	5	4	4	2	0	6	1	2	1	7	9	9	9	9	8	1	0
314	5	6	5	6	5	3	5	5	5	4	2	5	5	1	3	3	9	9	9	9	9	8	1	0
315	5	6	5	6	3	3	5	5	4	4	3	5	5	1	1	3	9	9	9	8	9	8	1	0
316	6	6	5	5	4	3	5	5	5	4	2	5	5	1	2	3	9	9	4	8	8	5	1	0
317	5	6	4	5	3	3	4	4	4	3	3	5	4	1	2	1	9	9	9	9	8	8	1	0
318	4	4	4	4	4	3	5	5	5	4	3	5	5	1	1	1	9	9	9	9	8	8	1	0
319	5	5	5	5	3	2	4	4	5	3	2	6	5	1	3	3	9	9	9	9	8	7	1	0
320	6	6	5	5	3	3	4	5	5	3	2	6	5	1	1	1	9	9	9	8	9	7	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCC	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
321	5	5	5	5	4	2	4	4	4	4	2	5	5	1	4	1	9	9	9	8	8	7	1	0
322	4	4	5	5	4	3	4	4	5	4	2	5	5	1	4	1	9	9	9	8	8	7	1	0
323	5	5	5	4	4	3	5	5	5	5	3	4	7	1	4	1	9	9	9	9	7	7	1	0
324	5	3	5	3	4	3	5	5	5	5	4	5	5	1	1	1	9	9	9	9	8	8	1	0
325	5	5	5	5	3	2	5	5	5	5	2	5	6	1	1	1	9	9	9	8	8	8	1	0
326	5	6	5	5	4	3	6	5	4	5	2	5	5	1	1	1	9	9	9	9	9	8	1	0
327	4	4	4	4	5	2	4	3	4	3	2	5	6	1	1	1	7	6	9	9	9	8	1	0
328	4	5	4	4	5	3	4	4	5	5	6	4	5	1	2	3	9	9	9	9	9	8	1	0
329	4	4	4	5	3	2	4	4	4	4	6	5	5	1	2	3	7	9	7	8	9	8	1	0
330	4	4	5	5	3	3	5	5	5	5	6	5	6	1	2	3	9	9	9	8	9	8	1	0
331	5	5	5	5	3	3	4	5	5	5	3	5	6	1	1	1	9	9	9	9	9	8	5	0
332	5	5	5	6	2	2	5	4	4	3	3	6	4	1	1	1	9	9	9	9	9	8	1	0
333	5	4	5	5	4	2	4	4	5	3	3	0	5	1	1	3	9	9	5	9	9	6	1	0
334	6	6	5	6	3	3	6	6	5	4	2	6	5	1	2	1	9	9	7	9	9	8	1	0
335	4	4	4	5	3	2	5	5	5	4	3	6	5	2	2	1	9	9	7	8	9	7	1	0
336	4	4	5	4	4	3	3	2	4	4	3	4	4	1	2	1	9	4	9	8	9	8	1	0
337	5	5	4	6	2	3	7	7	2	5	2	6	6	1	2	1	9	9	9	9	9	8	1	0
338	5	5	5	5	3	2	5	5	4	4	2	5	4	1	3	3	7	9	9	9	9	8	1	0
339	5	5	4	4	4	3	4	5	5	4	2	5	4	1	2	1	9	9	9	9	9	8	1	0
340	4	4	5	5	4	3	3	3	4	3	2	5	5	1	2	3	9	8	9	9	9	8	1	0
341	5	5	5	6	4	3	6	6	4	4	2	6	5	2	4	1	9	9	9	9	9	8	1	0
342	6	6	5	6	3	2	5	5	4	3	1	6	5	2	2	3	9	9	7	7	9	7	1	0
343	6	6	5	5	4	2	4	5	5	4	2	0	5	1	3	3	7	9	7	8	9	5	1	0
344	6	6	4	6	4	3	5	5	4	4	2	6	4	2	4	2	9	9	9	9	9	8	1	0
345	4	4	4	5	4	3	4	4	5	4	3	5	3	1	2	1	9	9	9	9	9	8	1	0
346	5	6	5	4	5	3	4	4	5	2	1	6	4	2	6	2	9	9	9	9	9	8	1	0
347	5	4	4	5	4	3	5	5	4	4	2	0	6	1	1	1	9	9	9	9	9	8	1	0
348	4	4	4	5	4	3	5	4	4	4	3	5	6	2	4	2	9	8	9	9	9	8	1	0
349	5	4	4	5	3	3	4	4	4	3	3	5	5	1	2	1	9	9	9	8	9	8	1	0
350	6	6	5	5	4	3	3	3	5	4	2	5	5	1	1	1	9	9	9	8	9	7	1	0
351	5	5	5	5	3	4	5	4	4	5	3	4	5	1	1	1	9	8	9	9	9	8	1	0
352	6	6	5	5	3	2	4	3	2	5	1	3	4	1	4	1	9	9	9	8	9	8	1	0
353	4	4	4	5	4	3	4	5	5	5	2	5	6	1	1	3	9	9	9	9	9	8	1	0
354	4	4	4	6	4	3	4	5	5	4	1	5	5	1	1	1	9	9	9	9	9	8	1	0
355	4	4	4	4	4	3	3	3	5	4	2	4	5	1	4	1	9	8	9	8	9	8	1	0
356	5	5	5	5	4	2	4	4	5	4	1	5	4	1	3	3	9	9	9	9	9	7	1	0
357	6	6	5	4	4	2	2	3	5	3	2	5	4	1	3	3	7	9	9	8	9	7	1	0
358	5	5	5	4	3	3	4	4	5	3	2	6	4	1	2	3	9	9	7	8	9	8	1	0
359	5	6	5	4	4	3	4	4	5	3	1	6	3	1	2	3	9	9	9	9	9	8	1	0
360	4	4	4	4	4	3	4	4	5	4	6	5	4	1	2	3	9	6	9	8	9	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
361	5	5	4	6	3	3	5	5	5	4	4	6	5	1	4	1	7	8	7	9	9	8	1	0
362	5	5	4	4	4	3	5	5	5	4	2	0	5	1	4	1	9	9	9	8	9	8	1	0
363	5	4	4	5	3	3	5	5	5	4	3	5	4	1	4	1	9	9	9	8	9	8	1	0
364	5	6	4	4	4	3	5	5	5	3	2	6	3	1	1	1	9	9	9	8	9	8	1	0
365	5	6	5	5	4	3	4	5	5	4	2	5	3	1	2	1	9	8	9	8	9	8	1	0
366	4	3	4	6	4	3	4	4	4	3	1	5	4	1	4	3	7	9	9	8	9	8	1	0
367	6	6	5	5	4	3	5	5	4	4	2	0	5	1	2	1	9	9	7	8	9	6	1	0
368	6	6	5	4	4	2	4	4	5	4	2	5	5	1	1	1	9	9	9	9	9	8	1	0
369	4	4	4	4	4	3	3	3	5	4	4	5	4	1	2	3	9	8	9	8	9	8	1	0
370	4	4	4	4	4	3	4	4	5	4	4	5	3	1	2	3	9	8	9	9	9	7	1	0
371	4	5	4	4	4	3	5	5	5	4	4	5	4	1	2	1	9	8	9	8	9	8	1	0
372	5	5	5	5	4	3	4	4	5	3	2	5	4	1	3	3	9	9	9	8	9	8	1	0
373	4	4	4	5	3	2	5	5	4	7	2	6	4	1	2	1	9	9	9	8	9	8	1	0
374	4	4	4	4	4	3	3	4	5	4	5	5	3	1	2	1	9	9	9	9	9	8	1	0
375	5	4	4	4	4	2	5	5	5	4	2	6	4	1	2	1	9	9	9	9	9	8	1	0
376	5	6	4	4	3	2	5	5	5	4	2	5	4	1	2	1	9	9	9	7	9	8	1	0
377	4	5	4	4	4	2	4	4	5	3	2	6	4	1	2	1	9	8	9	9	9	8	1	0
378	4	4	4	5	3	2	5	4	4	4	3	5	5	1	4	3	9	9	9	9	9	8	1	0
379	5	5	5	4	4	2	3	4	5	4	2	5	4	1	1	1	9	9	9	9	9	8	1	0
380	4	4	4	4	3	3	3	4	5	4	3	5	4	1	2	3	9	8	9	8	9	8	1	0
381	4	4	4	4	5	3	4	4	5	5	2	5	4	1	3	3	7	9	7	7	9	8	1	0
382	6	5	5	4	4	3	4	5	5	4	2	5	5	1	2	1	9	9	7	8	9	6	1	0
383	4	3	4	4	5	2	4	4	5	4	3	5	2	1	4	3	9	8	9	8	9	7	1	0
384	5	5	4	4	3	3	4	4	4	4	2	5	6	1	1	1	9	9	9	8	9	8	1	0
385	4	4	4	5	4	3	4	3	4	2	2	6	5	2	5	2	9	9	9	8	9	8	1	0
386	5	6	4	5	4	3	4	4	4	3	2	6	4	2	5	2	7	9	9	8	9	9	1	0
387	5	4	4	5	3	3	5	5	5	4	2	0	5	2	5	2	9	9	9	9	9	8	1	0
388	4	5	4	5	4	3	4	4	5	3	3	0	2	1	4	1	9	9	9	8	9	8	1	0
389	5	6	4	5	3	3	5	4	4	3	2	6	4	2	4	2	9	9	9	9	9	8	1	0
390	5	6	4	5	2	3	5	5	4	3	2	6	4	2	4	2	9	9	9	9	9	8	1	0
391	4	4	4	4	4	3	3	3	4	4	3	4	4	1	1	1	9	9	9	9	9	8	1	0
392	5	5	5	4	4	3	3	4	5	3	2	5	4	1	3	3	9	9	9	9	9	7	1	0
393	5	6	4	4	5	3	4	4	4	3	2	6	5	2	1	1	9	9	7	8	9	8	1	0
394	6	6	5	4	4	3	3	4	5	3	2	5	4	1	3	3	9	9	5	8	9	7	1	0
395	5	5	4	5	4	3	4	4	4	2	2	6	5	1	3	3	9	9	9	8	9	8	1	0
396	5	5	5	5	3	3	4	4	5	4	2	5	4	1	1	3	9	9	9	8	9	6	1	0
397	4	4	4	4	4	3	3	3	5	4	3	5	4	1	4	1	9	9	9	7	9	7	1	0
398	4	5	4	5	4	3	4	4	4	3	4	5	3	1	1	1	9	9	9	8	9	8	1	0
399	5	6	4	5	4	3	4	4	5	2	2	6	5	1	1	3	9	9	9	8	9	7	1	0
400	5	5	4	5	4	3	3	3	5	2	2	6	4	1	1	3	9	9	9	9	9	8	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
401	5	5	5	5	3	2	4	5	5	4	1	5	5	1	1	3	9	9	7	8	9	6	1	0
402	5	6	5	5	4	2	4	4	5	3	1	5	4	1	1	3	9	9	7	8	9	6	1	0
403	5	5	4	5	4	3	5	5	5	3	2	6	4	1	2	1	9	9	9	8	9	8	1	0
404	5	6	5	5	3	2	5	5	5	4	1	5	5	1	3	3	7	9	9	8	9	6	1	0
405	5	5	4	4	4	3	4	4	4	2	2	6	4	2	2	1	9	9	7	9	9	8	1	0
406	5	4	4	4	3	2	3	3	4	4	2	5	4	1	2	1	9	9	9	9	9	8	1	0
407	4	3	4	4	4	3	4	4	5	3	1	0	4	1	4	3	9	9	9	8	9	8	1	0
408	4	4	4	5	4	3	3	4	5	3	2	0	4	1	4	3	9	9	9	8	9	8	1	0
409	5	5	4	4	3	3	4	4	5	3	3	6	4	1	1	1	9	9	9	8	9	8	1	0
410	5	5	4	5	4	3	4	3	4	3	4	5	4	1	2	1	9	9	9	8	9	8	1	0
411	5	4	4	5	4	2	4	4	5	5	2	4	3	1	4	1	9	9	9	8	9	8	1	0
412	5	6	4	3	4	2	4	5	6	6	2	3	2	1	2	1	9	9	9	8	9	8	1	0
413	5	6	5	4	5	2	3	4	6	6	2	3	3	1	2	1	9	9	9	8	9	8	1	0
414	5	5	4	6	5	3	5	5	5	4	2	6	4	1	2	1	9	9	9	8	9	8	1	0
415	5	5	4	5	4	3	5	5	5	4	2	6	3	1	1	1	9	9	9	8	9	8	1	0
416	5	5	4	6	4	3	5	5	5	5	2	5	4	1	1	1	9	9	7	9	9	8	1	0
417	5	5	4	4	4	3	4	4	4	3	2	5	4	1	1	1	9	9	9	8	9	8	1	0
418	5	5	5	6	6	3	4	4	4	3	2	0	3	2	4	1	9	9	9	8	9	8	1	0
419	4	5	4	5	5	2	4	4	4	4	5	5	3	2	2	2	9	8	9	8	9	8	1	0
420	5	5	4	4	5	2	2	2	4	4	4	4	4	1	2	1	9	8	9	8	9	8	1	0
421	5	5	4	4	5	3	3	3	4	4	8	4	4	1	2	1	9	9	9	8	9	8	1	0
422	4	4	4	5	5	3	4	4	5	4	2	5	4	2	2	1	9	9	9	8	9	8	1	0
423	5	5	4	5	5	3	4	4	5	5	3	4	4	1	2	1	9	9	9	7	9	8	1	0
424	5	4	4	5	6	3	2	3	5	4	2	4	4	1	1	1	9	9	9	8	9	8	1	0
425	4	3	4	5	4	3	3	3	4	4	2	4	4	1	4	3	9	9	9	8	9	9	1	0
426	4	4	4	6	5	3	4	3	4	5	2	4	3	1	4	3	9	9	9	8	9	9	1	0
427	4	3	4	5	5	2	2	2	4	3	2	5	4	1	4	1	9	8	9	7	9	8	1	0
428	4	3	4	4	5	3	4	4	4	4	4	5	4	1	2	3	7	9	9	9	9	8	1	0
429	5	4	4	6	5	3	4	4	5	4	2	4	4	1	4	1	9	9	7	9	9	8	1	0
430	5	4	4	4	6	3	1	2	5	4	3	4	3	1	2	1	9	9	9	8	9	8	1	0
431	4	4	4	4	5	3	3	3	4	4	2	4	4	1	1	1	9	9	9	8	9	8	1	0
432	5	5	4	4	6	2	3	3	5	4	6	4	4	1	2	1	9	9	9	9	9	8	1	0
433	5	5	4	4	5	3	3	3	4	4	5	4	3	1	2	1	9	9	9	8	9	8	1	0
434	5	6	5	4	6	2	2	3	5	4	2	4	4	1	3	3	9	9	9	8	9	7	1	0
435	5	4	4	4	6	3	3	3	4	4	3	4	3	1	2	3	9	8	9	8	9	8	1	0
436	4	5	4	4	6	3	2	3	5	4	3	4	5	1	1	1	9	6	9	9	9	8	1	0
437	4	4	4	4	5	3	3	4	5	4	5	5	4	1	2	3	9	8	9	8	9	8	1	0
438	5	6	4	5	6	3	4	4	5	5	5	4	4	1	2	1	9	9	9	8	9	8	1	0
439	5	5	4	5	5	3	4	4	5	5	9	4	4	1	2	1	9	9	9	8	9	8	1	0
440	5	6	4	5	5	3	5	5	5	5	4	4	4	1	2	1	9	9	9	8	9	8	1	0



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
441	4	4	4	5	5	3	3	3	5	5	3	3	4	1	4	3	9	8	9	9	9	9	1	0
442	5	5	5	4	5	2	2	3	6	5	3	3	3	1	4	1	9	9	9	7	9	8	1	0
443	4	4	4	6	4	3	5	5	4	3	4	6	4	1	2	1	9	9	9	8	9	8	1	0
444	4	5	5	3	5	2	2	6	8	6	4	3	4	1	1	1	9	8	9	7	9	8	1	0
445	5	4	5	4	6	2	4	3	4	5	2	2	5	1	1	1	9	8	9	8	9	8	1	0
446	5	4	4	4	6	2	3	3	4	4	2	4	4	1	4	1	7	8	9	7	9	6	1	0
447	4	4	4	6	4	2	5	4	4	3	2	6	5	2	4	3	9	8	9	8	9	5	1	0
448	5	5	5	4	6	3	4	5	6	5	9	5	2	1	3	1	9	9	9	9	9	9	1	0
449	5	5	5	4	8	2	4	4	5	5	4	3	4	1	4	1	7	9	9	8	9	8	1	0
450	5	5	5	4	5	3	3	3	5	5	2	3	4	1	1	1	9	9	9	9	9	8	1	0
451	5	5	4	5	5	2	4	4	5	5	3	3	4	1	4	3	9	9	9	8	9	9	1	0
452	4	3	4	5	5	3	3	3	5	5	4	3	5	1	4	3	9	8	9	9	9	8	1	0
453	4	4	4	5	5	2	4	4	5	5	4	4	5	1	4	1	7	9	9	8	9	8	1	0
454	4	4	4	5	4	2	4	4	5	5	4	4	4	1	4	1	9	9	9	9	9	8	1	0
455	5	5	4	5	5	2	4	4	5	5	5	4	4	1	4	3	9	9	9	9	9	8	1	0
456	5	5	4	4	6	2	4	4	5	5	3	3	4	1	2	1	7	8	9	9	9	8	1	0
457	4	5	4	5	5	3	4	4	4	4	3	5	5	1	4	1	9	8	9	8	9	9	1	0
458	5	5	4	4	5	3	4	3	4	5	3	4	4	1	3	3	9	8	9	8	9	8	1	0
459	4	5	4	5	4	2	5	5	4	5	2	4	4	1	4	1	9	8	9	9	9	8	1	0
460	5	4	4	4	4	2	5	5	4	5	2	4	5	1	2	1	9	9	9	9	9	9	1	0
461	4	5	4	4	4	2	4	4	5	5	4	4	4	1	4	3	9	7	9	9	9	8	1	0
462	4	5	4	5	5	3	4	4	4	5	2	4	4	1	2	1	9	8	9	9	9	9	1	0
463	4	4	4	5	6	3	4	4	4	4	2	5	4	1	1	1	9	7	9	8	9	8	1	0
464	5	5	5	4	6	3	4	4	5	5	3	3	5	1	2	1	7	9	9	8	9	8	1	0
465	5	4	6	5	5	2	4	5	7	6	2	4	4	1	2	1	9	5	9	9	9	8	1	0
466	5	4	4	4	5	3	4	3	4	3	3	5	4	2	4	1	9	8	7	9	9	8	1	0
467	5	5	4	4	5	3	4	4	5	5	2	4	5	1	1	1	9	8	9	9	9	8	1	0
468	4	3	4	5	5	3	2	2	4	3	2	4	4	1	4	3	9	8	9	9	9	8	1	0
469	4	4	4	5	5	3	4	4	5	5	4	4	3	1	4	3	9	6	9	9	9	8	1	0
470	5	3	5	3	6	3	2	3	6	5	3	2	5	1	1	1	9	8	9	8	9	9	1	0
471	5	5	4	4	5	3	3	3	4	4	4	4	4	1	1	1	9	8	9	8	9	8	1	0
472	4	5	4	4	5	3	3	3	5	5	5	4	4	1	2	3	7	9	9	9	9	8	1	0
473	5	5	5	4	6	2	3	4	5	5	2	3	5	1	1	1	9	8	9	9	9	8	1	0
474	5	4	4	4	5	2	4	4	5	4	3	4	5	1	1	1	9	8	9	9	9	8	1	0
475	5	5	4	5	6	3	4	4	4	4	3	4	5	1	1	1	9	9	9	8	9	8	1	0
476	5	5	6	5	4	3	4	6	7	6	3	3	4	1	4	3	9	9	9	8	9	8	1	0
477	4	5	4	5	4	3	4	4	4	4	2	4	5	1	4	1	9	8	9	8	9	8	1	0
478	5	5	4	5	3	3	3	2	4	4	4	4	5	1	4	1	9	5	9	9	9	8	1	0
479	5	5	4	4	4	3	5	5	5	5	5	4	5	1	1	1	9	8	9	9	9	8	1	0
480	5	4	4	4	4	3	4	4	4	4	4	4	5	1	1	1	9	9	9	8	9	7	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
481	5	5	5	4	4	3	4	4	5	5	5	4	5	1	4	1	9	9	9	9	9	8	1	0
482	4	4	4	4	3	3	5	4	4	4	5	5	5	1	4	1	6	9	9	8	9	8	1	0
483	5	5	5	5	3	3	3	3	5	5	2	3	5	1	4	1	9	8	9	8	9	8	1	0
484	5	5	4	5	3	3	5	4	4	4	3	5	5	1	1	1	6	9	9	8	9	3	1	0
485	5	4	4	5	3	3	3	3	4	5	2	4	5	1	2	1	9	9	9	7	9	8	1	0
486	5	5	4	5	4	3	5	4	4	5	2	5	6	1	2	1	9	8	9	9	9	8	1	0
487	4	4	4	5	3	2	4	4	4	5	3	3	5	1	4	1	7	4	9	9	9	6	1	0
488	4	4	4	4	4	3	4	4	5	4	4	5	5	1	1	1	9	7	9	9	9	7	1	0
489	4	5	4	5	3	3	5	5	4	5	2	4	5	1	1	1	9	9	9	8	9	8	1	0
490	5	6	5	6	3	3	4	4	5	5	3	4	5	1	1	1	9	6	9	9	9	8	1	0
491	5	5	4	5	3	3	5	5	5	5	3	5	5	1	1	1	9	9	9	9	9	9	1	0
492	4	5	4	5	4	2	3	3	5	5	3	3	6	1	1	1	9	8	9	8	9	9	1	0
493	4	4	4	4	2	3	4	4	4	5	2	4	6	1	1	1	7	6	9	8	9	7	1	0
494	4	3	4	4	3	3	4	3	4	4	2	4	6	1	1	1	9	8	9	9	9	8	1	0
495	4	3	4	5	3	2	4	4	4	4	2	4	6	1	1	1	9	8	9	9	9	8	1	0
496	5	5	5	4	3	2	3	3	4	5	5	3	6	1	2	1	7	9	9	8	9	8	1	0
497	4	4	4	4	5	2	4	4	4	4	2	4	5	2	4	1	7	6	9	9	9	8	1	0
498	5	4	4	4	4	2	1	4	5	5	2	4	6	1	4	1	9	8	9	9	9	8	1	0
499	5	5	4	4	3	3	4	4	4	4	2	5	5	2	3	3	9	9	9	8	9	9	1	0
500	4	4	4	5	3	3	4	3	4	4	2	4	6	1	2	3	9	8	9	9	9	9	1	0
501	5	4	4	4	3	3	4	4	4	5	2	4	6	1	3	3	9	9	7	8	9	8	1	0
502	4	4	5	4	6	3	4	4	5	5	4	4	7	1	3	3	9	9	9	8	9	8	1	0
503	4	4	5	6	5	3	5	6	6	4	3	6	4	2	2	1	9	9	9	8	9	8	1	0
504	5	5	5	4	5	3	4	4	5	5	3	4	5	1	2	3	9	9	9	8	9	8	1	0
505	6	6	5	4	4	2	3	5	7	5	4	4	5	1	4	3	9	9	9	9	9	8	1	0
506	5	5	5	5	5	3	5	5	4	6	3	4	5	1	3	3	9	8	9	8	9	8	1	0
507	4	4	4	5	3	3	4	4	4	3	2	6	4	1	2	1	9	9	9	9	9	8	1	0
508	5	4	4	5	2	2	4	5	5	4	3	6	4	2	2	1	9	9	9	8	9	8	1	0
509	4	5	4	4	4	3	4	4	4	4	2	5	5	2	4	2	9	8	9	9	9	8	1	0
510	5	5	5	3	5	3	3	3	4	5	3	3	5	1	2	3	7	9	9	9	9	8	1	0
511	5	4	5	4	4	3	3	3	4	5	3	3	5	1	2	1	7	9	9	8	9	8	1	0
512	6	5	5	5	3	3	4	4	5	5	3	4	4	1	2	1	9	9	9	8	9	8	1	0
513	5	5	5	5	4	3	4	4	4	5	2	3	5	1	2	3	9	0	9	9	9	8	1	0
514	5	5	5	4	3	3	4	4	5	4	3	5	3	1	2	1	7	9	9	9	9	8	1	0
515	5	4	5	5	3	3	4	5	5	4	3	5	4	1	4	1	7	9	5	8	9	8	1	0
516	5	5	4	4	3	3	4	4	5	5	2	4	4	1	1	1	7	7	9	8	9	8	1	0
517	5	5	4	5	3	3	4	4	4	4	2	5	4	1	4	1	9	9	9	9	9	8	1	0
518	5	5	4	5	4	2	3	3	4	5	2	4	4	1	1	1	9	9	9	9	9	8	1	0
519	5	5	5	5	4	3	5	5	4	4	4	6	5	1	1	1	9	8	9	8	9	8	1	0
520	5	6	5	6	2	2	4	5	5	3	6	6	2	1	2	1	9	9	9	8	9	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	ED	HSW	PRO	SS	SCO	SEO	AB	FW	LM	CC	CM	COL	IDC	HER
521	5	5	5	5	3	3	5	5	5	5	2	5	5	1	4	1	9	9	9	9	9	8	1	0
522	4	3	5	4	3	2	6	6	5	3	3	6	3	2	1	1	7	9	9	9	9	8	1	0
523	4	4	5	4	4	2	4	4	4	5	4	4	4	1	2	1	9	6	9	8	9	8	1	0
524	4	4	4	5	3	2	6	6	6	4	2	6	2	2	1	1	9	9	7	9	9	9	1	0
525	4	4	5	4	3	2	7	7	5	5	2	6	4	2	1	1	9	9	9	9	9	9	1	0
526	4	5	5	6	3	2	6	6	4	4	2	6	4	2	1	1	7	8	9	9	9	8	1	0
527	5	5	5	5	3	2	6	6	5	4	2	6	3	2	1	1	9	9	9	9	9	9	1	0
528	5	5	5	5	3	2	6	6	5	4	3	6	2	1	1	1	9	8	9	9	9	8	1	0
529	4	4	5	5	3	2	4	4	5	2	3	6	5	1	2	1	7	9	9	8	9	9	1	0
530	5	5	5	5	3	2	5	5	5	3	2	6	3	1	1	1	9	9	9	9	9	9	1	0
531	5	5	5	4	3	2	6	6	5	5	3	0	5	1	2	1	9	9	9	9	9	9	1	0
532	4	4	5	5	4	2	6	6	6	4	2	6	5	2	2	1	7	9	9	9	9	9	1	0
533	4	3	5	5	3	2	6	6	5	4	2	6	4	1	1	1	7	9	9	9	9	9	1	0
534	5	6	5	5	2	2	5	5	5	4	1	6	5	2	1	1	9	9	9	9	9	9	1	9
535	5	5	5	5	4	2	7	7	3	5	2	6	4	2	1	1	7	9	9	9	9	8	1	0
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537	5	5	5	4	3	2	6	6	5	4	2	6	5	2	1	1	9	9	9	9	9	9	1	0
538	5	4	5	4	3	3	7	6	4	5	3	6	3	2	1	2	9	9	9	9	9	9	1	0
539	5	5	5	4	4	2	6	6	5	4	2	6	5	1	2	1	7	7	9	9	9	9	1	0
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541	5	6	5	6	4	3	5	5	4	4	1	6	6	2	1	2	9	9	9	9	9	8	1	0
542	4	3	5	3	4	2	6	6	5	4	3	6	4	2	1	1	9	9	9	8	9	8	1	0
543	5	5	5	5	4	3	4	4	5	2	2	6	4	2	1	1	7	9	9	9	9	8	1	0
544	5	4	5	4	3	3	4	4	5	2	6	6	4	2	1	1	9	9	9	9	9	9	1	0
545	4	4	5	4	4	3	5	5	4	2	2	6	5	2	2	2	9	9	9	9	9	9	1	0
546	4	4	5	4	3	2	5	5	5	3	3	6	5	2	1	1	9	9	9	9	9	9	1	0
547	4	4	5	4	3	2	5	5	5	3	3	6	4	2	2	2	9	9	9	9	9	9	1	0
548	5	5	5	4	3	3	6	6	5	4	3	6	3	2	1	1	9	9	9	9	9	8	1	0
549	5	4	5	5	4	3	5	5	5	3	2	6	4	1	2	1	7	9	9	9	9	9	1	0
550	5	4	4	5	4	3	5	4	3	3	6	6	5	1	4	1	7	9	9	8	9	9	1	0
551	4	4	5	4	4	3	5	5	4	3	3	6	3	2	2	2	9	9	9	9	9	9	1	0
552	4	4	5	4	4	3	5	5	4	3	1	6	5	2	1	2	7	9	9	8	9	9	1	0
553	4	4	4	5	3	3	5	5	4	1	2	6	6	2	1	1	9	9	9	9	9	9	1	0
554	4	4	4	5	4	3	5	4	4	2	3	6	4	2	4	2	7	9	9	9	9	9	1	0
555	4	4	4	4	4	3	5	5	4	2	2	6	3	2	4	2	9	9	9	9	9	9	1	0
556	4	4	4	4	5	3	4	4	5	1	2	6	4	2	2	2	9	9	9	9	9	8	1	0
557	4	4	4	4	5	3	3	3	4	3	5	5	4	2	4	2	9	8	9	8	9	8	1	0
558	4	3	5	6	3	2	5	6	5	4	4	6	4	2	1	2	9	9	9	8	9	8	1	0
559	4	4	4	5	4	3	5	5	4	5	4	4	5	2	4	2	9	9	9	8	9	8	1	0
560	5	4	5	4	5	3	6	5	4	5	5	4	4	2	4	2	9	9	9	9	9	8	1	0

## 246 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
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563	5	5	5	5	4	3	5	5	4	6	4	3	3	1	1	1	9	5	7	8	8	9	1	0
564	5	4	5	5	4	3	5	5	4	5	5	4	5	2	4	2	9	8	9	9	8	8	1	0
565	4	4	5	5	5	3	4	4	4	5	9	3	5	1	4	1	9	9	9	8	9	8	1	0
566	5	5	5	5	4	3	5	5	4	5	6	5	5	1	4	1	9	9	7	9	9	9	1	0
567	5	5	5	6	5	2	4	3	4	5	9	4	4	1	4	1	9	8	7	8	9	8	1	0
568	6	5	5	4	8	4	5	4	3	5	9	3	4	1	2	1	9	8	9	7	9	8	1	0
569	5	5	5	4	5	3	4	4	4	5	6	3	5	1	2	1	9	8	9	9	9	8	1	0
570	4	5	4	5	5	3	4	3	3	3	6	5	4	2	4	1	9	9	7	9	9	8	1	0
571	5	5	5	5	5	3	5	4	4	5	4	4	5	1	4	1	9	6	7	8	9	8	1	0
572	5	6	4	5	4	3	4	5	5	4	3	5	5	1	2	1	9	9	9	9	9	8	1	0
573	5	5	4	5	5	3	4	3	3	4	3	4	6	1	4	1	9	8	9	9	8	8	1	0
574	4	4	4	5	5	2	3	3	4	5	9	3	5	1	4	1	9	9	9	9	9	8	1	0
575	5	5	4	5	5	3	4	3	4	4	3	4	5	1	4	1	9	9	9	9	9	8	1	0
576	4	5	4	4	4	3	4	4	5	5	8	4	6	1	2	1	9	8	9	8	9	8	1	0
577	5	5	5	4	4	3	5	4	4	5	2	3	6	1	2	1	9	9	9	9	9	9	1	0
578	4	5	4	5	5	3	2	3	5	3	4	5	4	2	4	3	9	9	9	8	9	8	1	0
579	4	4	4	5	5	3	4	3	4	5	4	3	6	1	1	1	9	8	9	8	9	8	1	0
580	5	5	5	5	6	3	5	5	5	5	3	4	6	2	4	3	9	8	9	8	9	8	1	0
581	4	4	4	5	5	3	3	2	4	4	3	4	5	1	2	1	9	8	9	8	8	8	1	0
582	5	5	4	4	5	3	4	4	4	5	3	3	5	1	2	1	9	8	9	8	9	8	1	0
583	5	6	5	5	6	3	4	3	4	5	3	3	4	1	4	3	9	8	9	8	9	9	1	0
584	4	4	4	4	5	3	5	4	4	4	3	5	6	2	2	2	9	9	9	8	9	8	1	0
585	5	4	4	5	6	3	2	2	4	3	3	4	5	1	1	1	9	9	9	8	9	8	1	0
586	4	4	4	4	5	2	4	4	4	4	4	5	4	1	1	1	9	9	9	8	9	8	1	0
587	4	4	5	6	5	3	5	4	4	3	2	6	6	1	4	1	7	8	9	9	9	8	1	0
588	4	3	4	4	5	3	4	3	3	4	3	4	5	1	2	1	9	5	9	9	9	9	1	0
589	4	3	4	5	5	3	4	4	5	5	3	4	5	1	2	1	9	6	9	8	9	9	1	0
590	5	3	5	6	4	3	6	6	5	4	3	6	4	2	3	1	9	5	9	9	9	9	1	0
591	5	5	5	4	5	3	3	3	4	4	2	4	5	2	4	1	9	9	9	8	9	8	1	0
592	4	3	4	5	5	3	5	4	3	2	2	6	6	1	2	1	9	9	9	9	9	9	1	0
593	4	3	4	5	5	2	4	4	4	4	3	5	5	2	4	1	9	6	9	8	9	8	1	0
594	4	5	4	5	5	2	4	4	4	4	4	4	4	1	4	3	9	8	9	9	9	8	1	0
595	4	4	5	4	5	2	5	4	4	5	4	4	6	1	2	1	9	8	9	8	8	8	1	0
596	5	5	5	4	5	2	3	3	4	5	5	3	6	1	2	1	9	9	9	7	9	8	1	0
597	4	4	4	4	4	2	4	5	6	6	3	4	5	1	4	1	9	9	9	8	9	8	1	0
598	4	5	4	4	5	2	4	4	4	5	6	4	5	1	2	1	9	8	9	9	9	8	1	0
599	5	5	5	3	5	2	2	4	6	4	3	4	4	1	1	1	9	9	9	9	9	8	1	0
600	5	4	5	4	5	2	4	4	5	5	3	3	5	1	4	1	9	9	9	9	9	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
601	5	5	5	4	5	2	4	3	4	5	3	4	4	1	4	3	9	9	9	8	9	8	1	0
602	5	5	5	5	5	2	5	4	4	5	4	4	6	1	4	3	9	9	9	8	9	8	1	0
603	5	5	4	4	5	2	3	4	5	5	3	4	6	1	4	1	9	8	9	8	9	8	1	0
604	4	5	4	3	6	2	3	3	4	5	3	3	5	1	2	1	9	8	9	9	9	8	1	0
605	5	4	4	4	5	2	4	4	5	5	2	4	5	1	2	1	9	8	9	9	9	8	1	0
606	5	5	4	3	5	2	4	4	4	5	2	4	6	1	2	1	9	8	9	9	9	9	1	0
607	4	4	4	4	4	2	4	4	4	4	2	4	6	2	4	1	9	8	9	8	9	8	1	0
608	4	5	5	5	5	2	4	4	4	5	3	4	4	1	4	1	9	8	9	8	9	8	1	0
609	5	4	5	6	4	2	4	5	5	5	6	4	5	1	4	1	9	9	9	8	9	8	1	0
610	5	5	5	5	4	2	6	6	4	5	3	5	6	1	4	1	9	8	9	8	9	8	1	0
611	5	4	5	5	5	2	4	4	5	5	5	3	4	1	2	1	9	9	9	9	9	8	1	0
612	4	4	4	4	5	2	4	4	5	5	4	3	4	1	2	1	9	9	9	9	9	8	1	0
613	4	4	6	5	4	2	3	5	7	6	4	4	5	1	4	1	9	8	9	8	9	8	1	0
614	4	5	5	4	5	3	3	3	4	5	3	3	3	1	4	1	9	8	9	8	9	8	1	0
615	5	5	5	5	4	3	4	4	4	5	2	3	3	1	4	1	9	8	9	9	9	8	1	0
616	5	5	5	5	5	3	3	4	5	5	5	4	4	1	4	1	9	9	9	8	9	8	1	0
617	5	5	5	5	3	3	5	5	5	5	6	4	5	1	4	1	9	9	9	8	9	8	1	0
618	4	4	5	4	5	3	5	5	4	5	3	4	5	1	1	1	9	8	9	9	9	8	1	0
619	4	4	4	4	5	3	4	4	4	5	3	4	5	2	4	1	9	9	9	9	9	8	1	0
620	6	6	6	4	5	2	3	5	7	6	6	3	4	1	2	1	9	9	9	9	8	8	1	0
621	5	5	5	4	5	3	3	3	4	4	3	4	4	2	4	1	9	9	9	9	7	8	1	0
622	5	5	5	5	5	3	4	4	4	5	3	4	4	2	4	1	9	9	9	9	7	8	1	0
623	5	5	5	5	5	3	4	4	4	5	4	4	4	2	4	2	9	9	9	9	7	8	1	0
624	5	5	5	4	5	3	4	3	4	5	3	3	5	1	2	1	9	9	9	9	9	8	1	0
625	4	4	4	4	5	3	4	4	4	4	4	5	5	2	4	1	9	9	9	9	8	8	1	0
626	4	4	5	4	4	3	4	4	4	5	2	3	5	1	2	1	9	8	9	9	8	9	1	0
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628	5	4	5	2	5	2	2	4	6	5	5	3	4	1	1	1	9	9	9	8	8	8	1	0
629	5	5	6	4	5	2	3	5	7	6	5	3	3	1	1	1	9	9	9	8	8	8	1	0
630	4	5	5	3	5	2	4	4	5	5	2	3	4	1	2	1	9	9	9	9	7	8	1	0
631	4	5	5	4	5	2	4	4	5	5	3	4	4	1	2	1	9	9	9	8	8	8	1	0
632	4	5	4	5	5	3	3	3	4	4	3	4	4	2	4	1	9	9	9	8	8	8	1	0
633	4	5	5	5	5	3	5	5	4	5	3	5	4	1	2	3	9	9	9	9	8	8	1	0
634	4	4	4	4	5	3	3	3	4	3	3	5	5	2	1	1	9	9	9	9	9	8	1	0
635	4	4	4	4	4	3	4	3	4	3	4	5	5	2	2	3	7	9	9	8	7	8	1	0
636	4	4	4	4	6	3	3	3	5	4	2	4	3	1	1	3	9	9	9	9	7	8	1	0
637	5	6	5	4	6	3	4	5	6	5	3	5	3	1	2	1	9	9	9	9	7	8	1	0
638	5	6	4	4	5	3	4	4	5	5	4	4	5	1	1	1	9	9	9	9	8	7	1	0
639	5	6	4	4	6	2	3	3	5	4	3	5	4	1	1	1	9	9	9	9	8	7	1	0
640	5	5	4	6	4	2	5	5	4	3	2	6	4	2	1	3	9	9	9	9	8	7	1	0

ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
641	5	5	5	5	5	3	4	4	5	5	3	3	4	1	4	1	9	9	9	9	8	8	1	0
642	4	4	4	5	4	3	6	5	3	6	2	4	5	1	2	1	9	8	9	9	7	8	1	0
643	4	4	4	4	4	2	4	4	5	3	2	5	5	2	2	2	9	9	9	8	7	7	1	0
644	5	5	4	4	5	2	4	4	4	4	3	5	5	1	2	1	9	9	9	8	7	7	1	0
645	5	6	4	4	5	3	4	4	4	4	2	5	5	1	1	1	9	9	9	9	7	7	1	0
646	4	4	4	4	6	3	4	4	4	5	2	3	4	1	2	1	9	9	9	9	7	8	1	0
647	5	6	5	3	6	3	4	4	5	5	2	3	4	1	4	1	9	9	9	9	7	6	1	0
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649	5	5	4	4	7	3	4	4	4	3	2	6	3	2	1	2	9	9	9	9	8	8	1	0
650	5	5	5	3	6	3	3	3	5	5	3	3	3	1	4	1	9	9	9	8	9	8	1	0
651	5	5	5	4	6	3	4	4	5	5	2	4	3	1	4	1	9	9	9	9	8	8	1	0
652	4	5	5	4	5	3	4	4	5	5	2	3	3	1	4	1	9	9	9	9	7	8	1	0
653	4	5	5	4	5	3	3	3	4	4	2	4	5	1	1	1	9	9	9	8	7	6	1	0
654	4	3	4	5	6	3	5	5	4	4	2	5	4	1	4	1	7	8	9	9	7	8	1	0
655	6	6	5	4	5	3	4	4	5	3	5	5	4	1	1	3	9	9	5	9	7	5	1	0
656	5	5	5	6	5	3	4	4	5	5	3	4	3	1	2	3	9	7	9	9	7	7	1	0
657	5	4	5	4	5	3	5	4	4	5	4	4	5	1	1	1	9	9	9	8	7	8	1	0
658	4	4	4	5	5	3	4	5	5	4	2	5	4	2	2	1	9	8	9	9	7	8	1	0
659	4	4	4	5	5	3	4	4	4	4	2	5	5	2	1	1	9	9	9	9	7	8	1	0
660	4	4	4	3	4	3	4	4	4	3	4	5	4	2	4	2	9	9	9	9	7	8	1	0
661	6	6	4	4	5	2	4	4	4	3	3	5	4	1	3	3	9	9	7	9	7	6	1	0
662	6	6	5	5	4	2	4	4	4	4	2	5	4	1	3	3	9	9	5	9	7	7	1	0
663	6	6	5	4	5	2	4	4	4	3	2	5	4	1	3	3	9	9	5	9	7	7	1	0
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665	6	6	5	5	5	3	5	5	4	5	2	5	4	1	3	3	9	0	7	9	7	5	1	0
666	6	6	5	4	5	2	4	5	6	4	2	5	5	1	3	3	9	9	7	9	7	5	1	0
667	5	5	4	4	6	3	3	3	4	2	2	5	4	2	4	1	9	9	9	9	8	8	1	0
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672	5	6	4	4	5	3	4	4	4	3	2	0	5	2	1	2	9	9	9	9	7	8	1	0
673	4	4	4	5	4	3	3	3	4	3	3	5	4	2	1	1	9	9	9	9	9	8	1	0
674	4	4	4	5	5	3	4	4	4	3	2	5	4	2	2	1	9	9	9	9	7	8	1	0
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677	4	5	4	5	4	3	4	4	5	3	2	6	4	2	1	3	9	9	9	9	7	8	1	0
678	4	5	4	4	5	3	4	3	4	4	2	5	4	2	2	1	9	9	9	9	7	8	1	0
679	4	4	4	5	4	3	5	4	4	4	2	5	5	2	1	1	9	9	9	8	7	9	1	0
680	4	4	4	7	4	2	4	4	4	4	2	5	5	2	2	1	9	9	9	9	7	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
681	4	3	4	5	6	3	4	4	4	4	2	5	4	1	2	1	9	9	9	9	7	8	1	0
682	4	4	4	5	5	3	4	4	4	5	3	4	5	1	4	1	9	8	9	9	7	9	1	0
683	5	4	4	5	6	3	5	4	4	3	3	6	5	2	2	1	9	9	9	9	7	8	1	0
684	4	5	4	5	5	3	4	4	5	4	2	5	4	1	2	1	9	8	9	9	7	8	1	0
685	5	5	4	6	5	3	4	4	4	3	2	6	4	2	2	1	9	9	9	8	7	8	1	0
686	5	5	4	5	4	3	5	5	4	3	2	6	4	2	2	1	9	9	9	8	7	8	1	0
687	5	6	5	7	4	3	5	5	4	4	2	6	4	2	3	3	9	9	9	8	7	8	1	0
688	5	6	5	6	4	3	5	5	4	4	2	6	5	2	3	2	9	9	7	9	7	6	1	0
689	6	6	5	6	5	3	5	5	4	4	2	5	5	2	3	3	9	9	7	8	8	6	1	0
690	4	4	4	5	5	3	4	4	4	4	2	5	4	1	4	3	9	8	7	8	7	8	1	0
691	4	4	4	5	5	3	4	3	4	3	2	5	4	1	2	3	9	9	9	9	7	7	1	0
692	4	3	4	5	5	3	4	3	4	3	2	5	5	1	2	3	7	9	9	8	7	8	1	0
693	6	6	5	6	5	2	4	3	4	4	2	5	5	1	1	1	9	8	7	8	7	7	1	0
694	6	6	5	5	5	3	3	3	5	4	2	5	5	1	3	1	9	8	7	8	7	7	1	0
695	6	6	5	4	5	3	4	4	5	4	2	5	5	1	3	1	9	9	9	8	8	8	1	0
696	6	6	5	5	5	2	3	3	5	4	2	5	6	1	3	1	9	9	9	9	7	8	1	0
697	6	6	5	4	5	2	2	3	5	4	2	5	5	1	3	1	9	9	9	9	7	7	1	0
698	5	5	5	4	5	2	2	3	5	3	2	5	4	1	3	1	9	9	9	8	7	7	1	0
699	6	6	5	4	6	2	2	3	5	4	2	5	4	1	3	1	9	9	9	9	8	7	1	0
700	4	3	4	6	4	3	4	4	5	5	3	4	4	1	4	1	9	8	9	8	8	8	1	0
701	6	6	5	6	4	3	3	4	5	4	2	5	4	1	3	1	9	9	9	9	7	8	1	0
702	4	4	4	6	4	3	4	4	5	5	2	3	4	1	4	3	9	9	9	9	7	8	1	0
703	5	5	4	6	4	3	3	3	4	4	2	4	4	1	2	1	9	9	9	9	7	9	1	0
704	4	4	4	5	4	3	4	4	5	4	3	5	4	1	2	1	9	9	9	9	6	8	1	0
705	4	4	4	5	3	3	2	2	5	4	3	4	4	1	4	3	9	9	9	9	7	8	1	0
706	4	4	4	5	6	3	3	3	5	3	2	5	4	1	4	1	9	9	9	8	8	8	1	0
707	5	5	4	5	5	3	3	3	4	4	6	4	4	1	2	1	9	9	9	8	8	7	1	0
708	5	6	4	5	5	3	5	5	5	5	2	5	5	1	1	1	9	9	9	9	7	8	1	0
709	4	4	4	5	5	3	4	4	5	4	3	5	4	1	2	3	9	9	9	8	7	8	1	0
710	4	4	4	6	5	3	4	4	5	4	3	5	4	1	2	3	9	9	9	9	7	8	1	0
711	5	5	4	5	3	3	4	4	4	4	2	5	5	1	1	1	9	9	9	8	7	8	1	0
712	4	5	4	6	4	3	5	5	4	5	3	5	5	1	1	1	9	9	9	8	7	8	1	0
713	6	2	5	5	5	2	4	5	5	4	3	0	6	1	2	3	9	9	9	9	7	7	1	0
714	6	5	5	5	3	2	4	4	5	4	2	4	5	1	2	3	9	8	9	9	7	7	1	0
715	6	6	5	5	4	2	3	3	5	4	1	5	5	1	1	1	9	8	9	8	7	8	1	0
716	5	5	4	5	4	3	5	5	4	3	2	6	4	2	2	1	9	9	9	9	7	8	1	0
717	6	6	5	6	5	3	4	4	5	5	1	4	5	1	1	1	7	8	9	9	7	7	1	0
718	6	6	5	5	3	3	4	4	5	4	2	5	5	1	2	1	9	8	9	8	7	7	1	0
719	6	6	5	5	4	2	4	4	5	3	2	6	4	2	3	3	9	8	9	9	7	8	1	0
720	5	5	4	5	4	3	4	4	5	5	2	3	6	1	2	1	9	9	9	6	8	9	1	0

ILC	DAF	FDU	DHA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
721	6	5	5	5	5	2	3	4	5	4	2	5	3	2	3	3	9	9	9	8	7	7	1	0
722	6	6	5	4	4	2	3	3	5	4	2	5	5	1	1	1	9	9	7	9	7	7	1	0
723	5	5	5	4	4	2	3	3	5	4	2	4	4	1	1	1	9	8	7	9	7	8	1	0
724	5	6	5	4	4	2	3	3	4	4	2	4	4	1	1	1	9	9	9	8	7	8	1	0
725	4	5	4	4	5	2	3	3	5	5	2	3	4	1	4	1	9	9	9	8	7	9	1	0
726	5	5	5	5	4	2	5	5	4	4	1	0	4	2	1	3	9	9	5	8	7	8	1	0
727	5	6	5	4	4	2	4	4	5	4	2	5	5	1	2	1	9	9	7	8	7	8	1	0
728	6	6	5	5	5	2	4	4	5	4	1	5	5	1	3	1	9	9	7	8	7	8	1	0
729	5	5	5	5	4	3	4	4	4	3	2	6	5	2	2	1	9	9	7	9	7	8	1	0
730	5	6	5	5	5	3	4	4	4	3	2	0	5	2	3	3	9	9	5	8	7	8	1	0
731	4	3	4	5	4	3	3	3	4	3	2	5	5	1	4	1	9	9	7	9	7	8	1	0
732	6	6	5	5	4	3	4	4	5	2	2	6	4	1	3	3	9	9	7	7	7	7	1	0
733	4	5	4	5	5	3	3	3	4	3	2	5	4	1	4	1	9	9	7	9	7	8	1	0
734	5	6	5	4	4	2	4	4	5	3	2	5	4	1	4	1	9	9	9	6	7	8	1	0
735	5	6	4	4	4	3	4	3	4	3	3	5	5	1	4	1	9	9	9	8	8	8	1	0
736	5	6	4	6	4	3	4	4	4	3	3	5	4	1	4	1	9	9	9	9	7	8	1	0
737	5	6	4	5	3	3	5	4	4	4	2	5	4	1	1	1	9	9	9	9	7	8	1	0
738	5	6	4	5	4	3	4	4	4	4	3	5	5	1	1	1	9	9	9	9	8	8	1	0
739	6	6	5	4	4	3	4	5	5	4	2	5	5	1	3	1	9	9	7	8	8	7	1	0
740	4	5	4	6	3	3	5	5	4	4	2	5	5	1	1	1	9	8	9	9	7	3	1	0
741	5	5	4	5	4	3	5	4	4	3	2	6	5	2	4	1	9	9	9	8	7	8	1	0
742	4	4	4	5	5	3	3	3	4	4	2	4	4	1	1	1	9	8	9	9	7	8	1	0
743	5	6	4	5	4	3	5	4	4	3	2	5	5	2	4	1	9	9	9	9	9	8	1	0
744	4	5	4	5	3	3	5	4	4	4	4	5	5	2	4	2	9	9	9	9	7	8	1	0
745	6	6	5	4	5	2	5	5	5	5	2	5	5	1	3	3	9	9	7	9	8	5	1	0
746	4	4	4	5	4	3	4	4	5	3	2	5	4	2	4	2	9	9	7	9	7	8	1	0
747	5	6	5	6	3	2	4	4	4	3	2	5	6	2	3	3	7	9	7	8	7	6	1	0
748	4	4	4	6	4	3	5	5	4	4	3	5	5	2	4	2	9	9	7	9	7	8	1	0
749	6	6	5	6	4	2	5	5	5	4	2	0	6	1	3	3	9	9	7	9	7	7	1	0
750	4	4	4	5	4	2	5	5	5	4	2	5	6	2	4	2	9	9	9	8	9	8	1	0
751	6	5	5	5	4	3	3	3	4	4	2	5	6	1	1	1	9	9	9	8	8	7	1	0
752	6	6	4	5	3	3	5	5	5	5	6	5	5	1	4	1	9	9	9	8	7	8	1	0
753	5	6	4	5	4	3	4	4	4	5	4	4	6	1	4	1	9	9	9	8	7	8	1	0
754	6	6	5	6	4	3	3	3	5	4	2	5	6	1	1	1	9	9	9	8	7	8	1	0
755	6	6	5	5	2	3	5	5	5	6	6	4	6	1	2	1	9	9	7	8	8	8	1	0
756	6	6	5	5	3	2	4	4	5	4	3	5	5	1	1	1	9	9	7	8	8	6	1	0
757	5	5	4	5	3	2	5	5	5	5	4	4	6	1	1	1	9	9	9	8	7	8	1	0
758	5	5	4	5	3	2	5	4	4	5	3	4	5	1	1	1	9	9	9	8	8	8	1	0
759	4	4	4	6	3	2	5	6	5	5	4	0	5	2	4	1	9	9	9	8	8	8	1	0
760	4	4	4	6	2	2	4	4	5	4	3	5	6	1	2	1	9	9	9	8	7	8	1	0



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
761	5	5	4	7	2	2	6	6	5	5	3	6	6	2	4	1	9	9	9	8	7	8	1	0
762	5	5	4	6	3	2	5	5	5	5	7	4	5	1	1	1	9	9	9	8	7	9	1	0
763	6	6	5	7	3	3	5	6	7	4	2	6	7	1	3	1	9	9	7	8	7	8	1	0
764	5	6	4	6	3	2	5	5	5	4	2	6	5	2	1	1	7	9	9	9	7	8	1	0
765	6	5	5	5	4	2	3	3	5	4	2	5	5	1	3	1	9	9	9	8	8	8	1	0
766	6	6	5	6	4	2	5	5	5	5	2	5	5	1	1	1	9	8	9	8	7	6	1	0
767	6	5	5	5	4	2	3	4	5	4	2	5	4	1	1	1	9	8	9	8	7	6	1	0
768	6	6	5	6	3	2	3	4	5	4	2	5	6	1	1	1	9	9	9	8	8	7	1	0
769	6	6	5	4	4	3	3	4	5	4	2	5	5	1	1	1	9	9	7	8	7	7	1	0
770	6	5	5	5	4	2	3	3	5	4	2	5	5	1	1	1	9	8	7	8	9	7	1	0
771	6	5	5	6	3	2	4	4	4	3	1	5	5	2	1	3	9	9	7	8	7	7	1	0
772	6	6	5	5	4	2	3	3	5	4	2	5	5	1	1	1	9	9	7	8	7	7	1	0
773	6	6	5	5	4	2	4	4	4	4	2	5	4	1	2	1	9	9	7	8	7	8	1	0
774	6	6	5	6	4	3	5	5	5	4	2	5	5	1	1	1	9	9	7	8	7	7	1	0
775	6	5	5	5	4	2	4	5	6	5	2	5	5	1	1	1	9	9	7	8	7	7	1	0
776	6	6	5	5	3	2	5	5	5	5	2	5	5	1	1	1	9	9	7	9	8	7	1	0
777	6	6	5	5	4	3	3	3	4	4	2	5	5	1	1	1	9	9	7	9	7	8	1	0
778	5	4	4	6	4	3	4	4	5	5	5	5	6	1	1	1	9	9	7	9	7	8	1	0
779	6	6	5	5	4	3	4	4	5	4	2	5	5	1	3	1	9	9	9	9	7	8	1	0
780	6	6	5	4	4	2	3	4	5	4	2	5	5	1	3	1	9	9	9	7	8	7	1	0
781	5	5	4	6	4	2	4	4	5	3	2	5	5	2	4	2	9	9	9	9	7	8	1	0
782	5	5	5	5	5	3	3	4	5	4	2	5	6	1	1	1	9	9	9	9	7	8	1	0
783	6	6	5	5	4	3	5	5	5	5	9	4	6	1	2	1	9	9	9	7	7	8	1	0
784	4	4	5	5	5	3	5	4	4	4	3	5	5	1	3	3	7	8	9	8	7	6	1	0
785	4	5	5	5	5	3	4	4	5	4	5	5	5	1	4	3	9	9	9	9	7	8	1	0
786	5	5	5	7	4	2	6	6	5	5	1	6	6	2	2	2	9	9	9	8	7	7	1	0
787	6	5	5	6	3	2	4	4	5	4	2	5	6	1	1	1	9	9	5	8	7	6	1	0
788	5	5	5	7	3	3	5	5	5	4	2	6	6	1	1	1	9	9	7	8	7	8	1	0
789	6	6	5	5	4	3	2	3	5	3	2	5	5	1	2	3	9	9	7	8	7	7	1	0
790	6	6	5	5	4	3	3	3	4	4	2	5	5	1	2	3	9	9	9	7	8	7	1	0
791	6	6	5	5	3	3	4	4	4	4	1	5	6	1	1	3	9	9	9	9	7	7	1	0
792	6	6	5	5	4	2	4	4	5	4	1	5	6	1	3	3	9	8	7	8	8	7	1	0
793	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
794	4	4	4	5	3	3	4	4	4	4	5	5	5	1	4	3	7	7	9	9	7	3	1	0
795	5	5	5	5	4	3	4	4	5	4	3	5	5	1	2	1	9	7	9	8	7	8	1	0
796	5	5	4	6	4	3	4	4	4	3	1	6	5	2	2	1	9	9	9	8	7	8	1	0
797	6	5	5	5	4	3	4	4	5	4	2	5	5	1	3	1	7	8	9	8	7	5	1	0
798	4	4	4	6	4	3	4	4	5	4	2	5	5	1	3	1	9	9	9	8	7	6	1	0
799	5	5	5	5	5	3	3	3	5	4	2	5	5	1	1	1	9	9	9	8	7	6	1	0
800	4	4	4	5	4	3	5	5	5	5	2	5	5	1	1	1	9	9	5	9	8	7	1	0

252 Catalog of Chickpea Germplasm

ILC	DAF	VDU	DNA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
801	4	4	4	6	4	3	4	5	5	4	4	5	5	1	1	1	9	9	7	8	8	7	1	0
802	6	6	5	5	4	3	5	5	4	5	2	5	6	1	1	3	9	9	5	9	7	6	1	0
803	6	6	5	7	4	3	5	5	5	5	2	5	5	1	1	3	9	8	7	8	8	6	1	0
804	5	4	5	5	4	3	5	5	5	5	4	4	5	1	4	3	9	8	9	8	8	8	1	0
805	6	5	5	5	4	3	4	4	5	4	2	5	6	1	1	3	9	9	6	8	7	6	1	0
806	6	6	5	6	3	3	5	5	5	5	2	5	6	1	3	1	9	9	7	8	7	7	1	0
807	4	4	4	6	4	3	4	4	5	4	2	5	5	1	1	3	9	9	9	9	8	7	1	0
808	6	5	5	5	4	3	5	5	5	5	2	5	6	1	3	3	9	9	9	8	7	6	1	0
809	6	6	5	5	3	3	4	5	5	5	2	5	5	1	3	3	9	9	5	9	8	6	1	0
810	6	6	5	6	4	3	4	5	6	5	2	5	6	1	1	1	7	8	7	8	7	7	1	0
811	5	4	5	4	4	2	3	4	5	5	2	3	5	1	1	1	9	7	9	9	7	6	1	0
812	5	5	5	5	4	2	4	4	5	5	2	3	5	1	2	1	7	8	9	8	7	7	1	0
813	5	5	5	3	4	2	3	4	6	5	2	3	5	1	1	1	7	8	9	8	7	7	1	0
814	6	6	5	7	3	3	6	5	4	4	2	6	6	1	2	1	9	9	7	8	7	6	1	0
815	6	6	5	6	4	2	4	4	4	3	1	6	5	2	3	3	9	9	7	9	7	5	1	0
816	6	6	5	7	4	3	5	5	5	3	2	6	6	1	2	1	9	9	7	8	7	5	1	0
817	6	6	5	7	4	3	5	5	5	4	2	6	6	1	2	1	9	9	7	8	8	8	1	0
818	6	6	5	6	5	3	5	4	4	2	2	6	5	1	2	1	9	9	7	8	7	5	1	0
819	5	5	4	6	4	3	5	5	4	3	3	6	4	1	1	1	9	9	7	8	7	5	1	0
820	5	6	4	7	4	3	5	5	4	3	2	6	5	1	2	1	9	9	7	9	7	6	1	0
821	5	4	4	6	4	3	4	4	4	3	3	0	6	1	1	1	9	9	7	9	8	6	1	0
822	5	5	4	4	5	2	4	4	4	3	2	5	4	1	4	3	9	9	5	9	8	6	1	0
823	5	5	5	5	4	3	5	5	5	4	2	0	5	1	2	3	9	9	7	8	7	7	1	0
824	6	6	5	6	4	3	5	4	4	3	2	6	5	1	4	1	9	9	5	9	8	7	1	0
825	6	6	5	6	5	3	5	5	4	4	1	5	4	1	1	1	9	9	7	8	8	6	1	0
826	5	6	5	6	4	2	5	5	4	4	2	6	5	2	2	3	9	9	5	8	9	7	1	0
827	5	5	5	4	5	2	4	4	4	5	4	1	5	5	1	3	3	9	9	7	8	7	1	0
828	5	5	4	4	5	4	4	4	4	4	1	5	5	2	4	1	9	9	9	8	7	7	1	0
829	5	5	4	6	5	3	4	4	4	3	2	5	5	1	3	1	9	9	9	8	7	5	1	0
830	4	3	4	5	5	3	4	4	4	4	2	5	5	1	2	1	9	9	5	8	7	8	1	0
831	6	6	5	6	5	3	6	6	4	4	1	6	4	1	4	1	9	9	5	8	8	8	1	0
832	5	5	4	5	6	2	4	4	4	4	4	5	5	1	2	1	9	9	7	9	7	6	1	0
833	4	3	5	5	6	3	3	2	4	4	4	4	4	1	4	1	9	8	9	8	7	8	1	0
834	6	6	5	6	4	2	5	5	4	3	2	6	6	1	4	1	9	9	5	9	8	8	1	0
835	6	6	5	6	6	3	5	6	5	4	2	6	6	1	4	1	9	9	7	8	8	7	1	0
836	6	6	4	5	5	2	4	4	5	3	2	0	6	2	4	1	7	9	7	8	7	6	1	0
837	5	4	4	4	6	3	4	4	5	4	4	5	5	1	2	1	9	9	9	9	7	8	1	0
838	6	6	5	6	4	2	6	6	5	4	3	6	5	1	4	1	9	9	7	9	8	7	1	0
839	5	5	4	7	5	2	6	6	5	5	3	0	5	1	1	1	9	9	7	9	7	5	1	0
840	6	5	5	5	4	2	6	6	4	4	3	6	6	1	4	1	9	9	7	8	7	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
841	6	5	5	7	5	3	5	5	5	4	1	6	6	1	2	1	9	9	7	8	9	8	1	0
842	5	5	5	6	5	3	4	4	4	3	2	5	4	2	2	1	9	9	9	7	7	8	1	0
843	5	5	5	4	4	3	6	5	4	4	3	0	6	2	2	1	9	9	9	7	7	8	1	0
844	6	6	5	5	4	2	5	5	6	5	2	5	6	1	3	3	9	9	7	9	8	9	1	0
845	6	6	5	7	4	3	6	5	4	3	1	6	6	1	3	1	9	9	9	8	8	7	1	0
846	6	6	5	7	5	2	5	5	4	4	1	6	6	1	4	1	9	9	7	9	7	8	1	0
847	5	5	4	6	5	2	5	4	4	3	2	0	6	1	1	1	9	9	7	8	9	5	1	0
848	5	5	4	6	5	3	5	5	4	3	2	6	6	1	2	1	9	8	7	8	8	8	1	0
849	6	5	5	7	4	3	5	5	4	3	1	6	6	1	1	1	9	9	9	8	7	7	1	0
850	6	7	5	7	4	3	5	5	4	3	1	6	5	1	4	1	9	9	7	8	7	8	1	0
851	5	5	4	6	5	3	4	4	4	3	2	0	4	2	3	3	7	9	7	8	9	8	1	0
852	4	5	4	4	5	2	4	3	4	2	4	6	5	2	4	2	7	9	7	8	7	8	1	0
853	5	5	5	5	5	2	5	5	5	5	2	5	4	1	3	1	9	9	7	9	7	7	1	0
854	6	5	5	4	5	2	4	4	5	5	2	4	4	1	4	1	9	9	7	9	7	7	1	0
855	5	4	4	6	5	3	4	4	4	3	2	0	5	1	1	1	9	9	7	8	7	8	1	0
856	4	3	4	5	6	3	2	2	4	2	3	5	4	1	4	1	9	9	9	7	9	8	1	0
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860	5	6	5	4	5	3	5	5	5	5	3	5	5	1	4	1	9	9	9	9	7	8	1	0
861	5	6	5	4	5	3	6	5	4	5	3	5	7	1	2	1	9	9	9	8	9	8	1	0
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863	5	5	4	6	5	3	5	5	4	4	3	6	4	1	4	1	9	9	7	8	7	5	1	0
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865	6	6	5	6	5	3	5	4	4	2	2	6	5	1	2	1	9	9	7	8	7	8	1	0
866	6	5	5	4	6	2	2	2	4	3	2	5	5	1	3	1	9	9	9	8	8	8	1	0
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868	5	5	4	5	6	3	3	3	4	4	3	5	5	1	2	1	9	9	9	8	9	8	1	0
869	6	5	4	5	4	3	4	3	4	1	3	6	5	1	2	1	9	9	5	8	7	8	1	0
870	5	5	5	5	5	3	5	5	4	4	2	0	6	1	2	1	9	9	7	9	7	8	1	0
871	5	5	5	6	4	3	5	5	5	4	2	0	5	2	4	1	9	9	9	8	7	8	1	0
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873	5	5	4	5	5	2	5	4	4	2	2	6	5	2	4	1	9	9	7	9	7	8	1	0
874	4	5	4	5	4	2	5	5	4	3	2	6	5	2	4	2	9	9	9	8	9	9	1	0
875	5	5	4	6	4	3	4	5	5	4	2	0	3	1	2	1	9	9	7	9	7	8	1	0
876	5	5	4	5	5	3	5	5	4	3	2	6	5	2	4	2	9	9	7	9	7	8	1	0
877	5	5	5	5	4	3	5	5	4	5	3	4	5	1	1	1	9	9	9	8	7	8	1	0
878	6	6	5	4	6	2	4	4	4	3	2	0	6	2	4	1	9	9	9	8	7	8	1	0
879	6	6	5	6	3	3	5	5	4	4	3	5	4	2	2	1	9	9	5	8	8	6	1	0
880	6	6	5	5	5	3	5	5	4	5	4	4	5	1	1	1	9	9	9	9	7	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CN	COL	IDC	HER
881	4	4	4	6	4	3	5	5	4	4	4	5	5	1	1	1	9	9	9	9	8	8	1	0
882	5	5	4	5	3	3	5	5	4	4	2	6	5	1	1	1	9	9	9	8	8	8	1	0
883	5	5	5	6	4	3	5	4	4	4	4	5	4	1	1	1	9	9	9	8	7	8	1	0
884	5	5	4	6	3	3	6	6	5	5	3	6	5	1	1	1	9	9	9	8	8	3	1	0
885	4	4	4	5	4	3	4	4	5	4	2	5	4	1	1	1	9	9	9	8	8	8	1	0
886	6	6	5	5	3	3	4	4	5	4	2	5	5	1	1	1	9	9	7	8	8	7	1	0
887	5	5	4	6	2	2	5	4	4	3	2	6	5	1	1	1	9	9	7	8	7	8	1	0
888	5	6	4	6	2	2	4	5	5	3	2	6	5	1	1	1	9	9	7	9	8	8	1	0
889	5	6	4	5	3	2	6	6	4	5	2	6	5	1	1	1	9	9	9	9	8	8	1	0
890	5	5	4	4	4	3	6	6	5	5	3	6	5	1	1	1	9	9	7	9	7	8	1	0
891	4	4	4	4	4	3	5	5	4	5	3	5	5	1	1	1	9	9	7	9	7	8	1	0
892	4	4	4	6	3	3	6	5	4	5	3	5	6	1	1	3	7	9	7	8	8	8	1	0
893	4	3	4	5	3	3	5	5	4	4	3	5	5	1	1	1	9	9	9	9	7	8	1	0
894	4	5	4	6	3	2	5	5	5	3	2	6	6	1	1	1	7	9	9	9	7	8	1	0
895	6	6	5	5	3	2	5	4	4	5	3	5	6	1	4	1	7	9	9	8	7	8	1	0
896	4	5	4	6	3	3	4	4	4	5	2	4	4	1	2	3	9	9	9	8	9	8	1	0
897	5	5	5	6	2	3	4	3	4	4	4	4	5	1	4	1	9	9	9	8	7	8	1	0
898	5	5	5	5	4	2	4	4	4	4	2	5	4	1	1	1	9	9	9	8	7	8	1	0
899	5	5	5	6	3	2	4	4	5	3	2	6	5	1	3	3	9	9	7	8	7	6	1	0
900	4	5	4	6	3	3	5	5	4	5	3	5	4	1	4	1	9	7	7	8	8	8	1	0
901	4	4	4	6	3	3	3	3	4	4	3	4	5	1	4	1	9	9	9	8	7	8	1	0
902	5	5	4	4	4	2	5	5	4	4	2	6	3	1	2	1	9	9	9	8	7	8	1	0
903	5	5	5	4	5	2	4	4	4	4	3	5	4	1	2	1	9	9	9	8	7	8	1	0
904	5	4	4	4	5	2	4	4	4	3	2	0	4	1	2	1	9	9	9	8	7	8	1	0
905	5	5	4	6	3	2	5	5	4	4	3	5	4	1	2	1	9	9	9	8	7	8	1	0
906	5	4	4	6	3	3	5	5	4	4	2	5	4	1	1	1	9	9	9	8	7	8	1	0
907	5	5	4	4	4	3	5	5	5	5	3	5	3	1	1	1	9	9	9	9	8	8	1	0
908	5	5	4	4	3	3	3	3	5	4	6	4	3	1	1	1	9	9	9	8	8	8	1	0
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911	5	5	4	6	3	3	4	4	5	5	3	4	2	1	1	1	9	9	9	8	9	9	1	0
912	5	5	4	5	3	3	4	5	5	3	3	6	3	1	1	1	9	9	9	9	8	9	1	0
913	6	5	5	5	4	2	3	3	5	4	4	5	4	1	4	1	9	9	9	9	7	8	1	0
914	6	6	5	6	4	2	5	5	5	5	3	5	3	1	4	1	9	9	9	8	7	8	1	0
915	5	5	4	6	4	3	5	4	4	4	2	5	4	1	4	1	9	9	9	8	7	8	1	0
916	4	5	4	5	3	3	5	5	4	4	2	5	4	2	1	1	9	9	9	9	7	8	1	0
917	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	9	9	9	7	8	0	0
918	5	5	4	5	4	3	5	5	5	5	6	4	4	1	1	1	9	8	9	9	8	8	1	0
919	6	6	5	5	3	2	4	4	4	4	2	5	4	1	1	1	9	9	9	8	7	8	1	0
920	6	6	5	4	4	2	5	5	5	4	2	6	4	1	1	1	9	9	7	8	8	7	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
921	4	4	4	5	3	3	4	4	5	3	2	6	4	1	1	1	9	9	9	9	8	8	1	0
922	5	5	4	4	5	3	4	3	4	4	3	5	4	1	1	1	9	9	9	9	8	8	1	0
923	4	4	4	6	3	2	4	4	5	3	3	0	3	1	4	1	9	9	9	9	9	8	1	0
924	5	5	4	5	4	3	4	3	4	4	3	5	4	1	1	1	9	9	9	9	9	8	1	0
925	5	5	4	5	4	3	4	4	4	3	4	5	4	1	4	1	9	9	9	9	8	7	8	0
926	5	5	4	5	3	2	4	4	4	4	3	4	4	1	1	1	9	9	9	8	7	8	1	0
927	5	5	4	6	3	2	4	4	4	5	5	4	3	1	1	1	9	9	9	8	7	8	1	0
928	4	4	4	5	4	2	5	5	4	4	3	6	4	1	1	1	9	9	9	9	7	8	1	0
929	5	4	4	5	3	2	5	5	5	3	2	6	4	1	1	1	9	9	9	9	7	8	1	0
930	6	6	5	5	5	3	5	5	4	4	2	6	4	1	4	1	9	9	5	8	7	8	1	0
931	6	5	5	4	5	3	5	5	5	4	2	0	4	2	2	1	7	9	7	8	7	7	1	0
932	5	5	4	5	4	3	6	5	4	4	2	6	5	1	1	1	9	9	9	8	7	8	1	0
933	5	5	4	6	3	3	6	6	5	4	2	6	4	1	2	1	9	9	9	9	8	8	1	0
934	5	5	4	6	3	3	6	6	4	5	2	6	5	1	1	1	9	9	9	9	8	8	1	0
935	4	4	4	5	4	2	5	5	4	4	2	0	4	1	2	1	9	9	9	9	7	8	1	0
936	4	5	5	6	3	2	3	3	5	4	5	4	3	1	2	1	9	9	9	8	7	8	1	0
937	6	5	5	5	4	3	5	5	5	5	3	4	3	1	4	1	9	9	9	8	7	8	1	0
938	4	5	4	5	4	2	4	4	4	2	2	6	3	1	1	1	9	9	9	9	8	8	1	0
939	4	5	4	4	4	2	4	5	5	3	2	6	3	1	1	1	9	9	9	8	7	9	1	0
940	5	4	4	5	3	2	5	4	4	3	2	6	4	1	2	1	9	9	9	8	7	8	1	0
941	6	5	5	5	3	2	4	4	5	3	2	5	3	1	2	1	9	9	7	8	8	8	1	0
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943	5	6	4	5	4	3	5	5	4	3	2	0	4	1	2	1	9	9	9	8	8	8	1	0
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945	5	5	4	5	4	3	5	5	5	5	4	5	5	1	1	2	9	9	9	8	9	8	1	0
946	5	5	4	5	4	3	5	5	5	5	2	5	3	1	2	1	9	9	7	8	7	8	1	0
947	6	5	5	5	5	2	4	5	5	5	3	4	4	1	4	1	9	9	7	8	7	8	1	0
948	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	9	0	8	0	0	0	0
949	5	5	5	5	2	3	4	4	5	5	3	4	3	1	4	1	9	9	7	8	7	8	1	0
950	5	5	5	5	4	3	4	4	5	2	5	6	4	1	2	1	9	9	7	8	8	8	1	0
951	5	5	5	4	5	3	4	4	4	5	6	4	4	1	4	1	9	9	9	9	8	8	1	0
952	5	5	4	6	5	2	5	4	4	5	3	4	5	1	1	1	9	9	9	9	7	8	1	0
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954	4	4	4	6	3	3	4	4	4	4	2	5	3	1	4	1	9	9	9	8	8	8	1	0
955	5	5	4	5	5	3	3	3	4	4	2	5	4	1	4	1	9	9	6	9	8	8	1	0
956	4	4	4	4	4	3	3	2	4	4	3	4	4	1	4	1	9	5	7	8	7	8	1	0
957	4	4	4	5	4	3	3	3	5	3	3	5	4	1	2	1	9	8	9	9	8	8	1	0
958	5	4	4	4	5	3	4	4	4	3	2	0	4	2	1	1	9	9	9	9	8	7	1	0
959	5	5	4	5	3	3	4	4	5	3	4	5	3	1	2	3	9	9	9	9	7	7	1	0
960	5	5	4	5	3	3	5	5	4	4	2	6	4	1	2	1	9	9	9	8	8	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
961	4	5	4	7	3	3	5	6	6	5	2	5	3	2	4	1	9	8	9	8	7	7	1	0
962	5	5	4	5	4	2	4	4	4	5	4	4	4	1	1	1	9	9	9	8	7	7	1	0
963	5	5	4	5	3	3	4	3	4	4	4	4	4	1	1	1	9	9	9	8	7	7	1	0
964	5	5	4	6	4	3	4	4	5	3	2	5	3	1	4	1	9	9	9	8	7	7	1	0
965	4	4	5	6	4	3	4	3	4	3	3	5	3	1	1	1	9	9	7	8	7	6	1	0
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967	6	6	5	5	4	3	5	6	6	5	2	5	4	1	4	1	9	9	5	8	7	5	1	0
968	5	6	4	5	5	3	5	5	5	4	1	6	4	1	1	1	9	0	7	9	8	8	1	0
969	4	5	4	5	4	3	4	4	5	3	2	5	3	1	2	1	9	0	9	8	8	7	1	0
970	5	5	5	5	4	3	3	3	5	4	1	5	4	1	1	3	9	0	9	9	7	7	1	0
971	5	5	4	6	3	3	5	5	4	5	2	5	4	1	4	1	9	0	9	9	8	6	1	0
972	4	4	4	7	3	3	5	5	4	4	2	5	4	1	2	3	9	0	7	9	8	8	1	0
973	5	5	4	7	4	3	5	4	4	4	2	5	3	1	2	3	7	0	7	9	8	8	1	0
974	5	5	4	5	4	3	3	4	5	2	4	6	3	1	2	1	9	0	7	8	8	8	1	0
975	4	4	4	5	5	3	4	4	4	4	3	5	4	1	2	1	9	0	9	9	8	8	1	0
976	4	4	4	6	5	3	5	5	5	4	3	5	4	1	2	1	9	0	7	7	9	8	1	0
977	6	5	5	5	5	3	4	4	4	3	2	6	4	1	2	1	9	0	7	9	8	5	1	0
978	4	5	4	5	3	3	4	4	5	3	2	5	3	1	2	1	9	0	9	9	8	8	1	0
979	4	5	4	5	4	3	4	4	4	3	2	0	4	1	2	1	9	0	9	8	9	8	1	0
980	5	5	4	4	3	3	5	5	5	3	1	6	4	1	2	1	9	0	9	9	7	8	1	0
981	5	5	4	6	4	3	5	5	4	4	2	5	3	1	2	1	9	0	9	9	7	8	1	0
982	5	5	5	5	5	3	5	5	5	4	2	5	4	1	1	1	9	0	9	9	8	8	1	0
983	4	4	4	4	4	3	4	4	4	4	1	5	5	1	1	1	9	0	9	9	7	8	1	0
984	5	5	4	5	5	3	4	4	5	4	2	5	4	1	2	3	9	0	9	9	8	8	1	0
985	5	5	4	5	4	3	4	5	5	5	3	4	2	1	4	1	9	0	7	8	8	9	1	0
986	5	5	4	5	5	3	4	4	4	4	2	5	3	1	4	3	9	0	9	8	8	8	1	0
987	4	4	5	6	4	3	5	5	4	5	4	4	4	1	1	1	9	0	9	8	9	8	1	0
988	4	4	4	5	3	3	4	4	5	5	2	5	4	1	2	3	9	0	7	9	9	6	1	0
989	4	4	4	6	4	3	5	5	5	5	2	5	3	1	1	3	9	0	9	9	9	7	1	0
990	4	4	4	6	4	3	4	3	4	3	2	5	4	1	2	3	9	0	9	9	9	7	1	0
991	4	4	4	5	4	3	3	3	5	4	2	5	4	1	4	3	9	0	7	9	7	7	1	0
992	6	6	5	5	4	3	4	4	4	4	2	5	4	1	3	3	9	0	4	8	7	5	1	0
993	4	4	4	6	4	3	4	4	5	4	3	5	3	1	2	3	9	0	9	8	8	8	1	0
994	5	4	4	3	4	2	3	5	6	6	2	2	3	1	4	1	9	0	9	8	9	8	1	0
995	4	3	4	6	4	3	5	5	4	5	2	4	4	1	4	3	9	0	9	8	9	8	1	0
996	5	5	4	4	4	3	4	5	5	5	2	5	4	1	1	3	9	0	7	9	8	7	1	0
997	5	6	5	5	3	3	4	4	5	5	4	4	3	1	4	1	7	0	9	8	8	8	1	0
998	4	4	4	4	4	3	2	2	5	4	2	4	3	1	4	1	9	0	9	9	9	8	1	0
999	4	4	4	4	4	3	4	3	4	4	3	5	4	1	4	1	9	0	9	9	9	8	1	0
1000	5	6	5	5	3	3	5	5	4	4	2	5	0	1	3	3	9	0	5	8	8	6	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LH	CC	CN	COL	IDC	HER
1001	4	6	4	6	3	3	5	5	4	4	3	5	4	1	1	1	9	0	9	7	9	5	1	0
1002	4	4	4	6	4	2	5	4	4	4	2	5	4	2	4	1	9	0	9	8	7	5	1	0
1003	6	6	5	5	3	3	4	4	5	4	2	5	4	1	3	3	9	0	4	8	7	6	1	0
1004	4	4	4	7	3	3	5	5	4	4	3	5	4	1	3	3	9	0	7	8	8	4	1	0
1005	4	3	4	6	4	3	5	5	5	5	3	5	4	1	2	3	9	0	9	9	7	7	1	0
1006	4	3	4	6	3	3	5	5	4	5	3	5	4	1	2	3	9	0	9	8	7	7	1	0
1007	4	4	4	5	3	3	5	4	4	4	2	5	3	1	2	3	9	0	7	8	9	6	1	0
1008	6	6	5	5	4	2	5	5	4	4	2	5	4	1	3	3	9	0	5	8	8	6	1	0
1009	6	6	5	5	3	2	4	4	5	4	2	5	3	1	3	3	9	0	4	8	8	5	1	0
1010	5	5	4	5	4	3	5	4	3	3	2	5	5	2	4	3	9	0	9	7	8	8	1	0
1011	5	4	4	5	4	3	5	5	4	5	2	5	4	1	4	1	9	0	9	8	8	8	1	0
1012	4	4	4	6	4	3	3	3	4	5	3	3	3	1	4	1	9	0	7	9	9	6	1	0
1013	5	4	4	6	4	2	5	5	5	4	1	6	4	1	1	1	9	0	9	8	9	6	1	0
1014	4	5	4	5	4	3	4	4	4	4	3	5	3	1	2	1	9	0	9	8	8	7	1	0
1015	4	5	4	6	3	2	5	5	5	4	1	5	3	1	2	1	9	0	9	8	7	7	1	0
1016	4	5	4	5	4	2	5	5	4	4	2	0	3	1	2	1	9	0	9	8	8	7	1	0
1017	5	5	4	6	4	3	5	4	4	4	2	5	4	1	3	3	9	0	9	8	7	5	1	0
1018	5	4	4	5	4	2	5	4	4	5	3	4	4	1	2	1	9	0	9	7	7	7	1	0
1019	5	5	4	6	4	2	5	5	5	4	3	6	3	1	2	1	7	0	9	7	8	8	1	0
1020	5	6	4	6	3	3	6	6	5	5	2	6	4	1	2	1	9	0	9	8	9	7	1	0
1021	5	6	4	5	4	3	5	5	4	5	3	5	5	1	2	1	9	0	9	8	8	8	1	0
1022	5	5	4	5	4	3	4	4	4	4	2	5	6	1	2	1	9	0	9	8	8	5	1	0
1023	5	5	4	5	3	2	5	5	5	4	1	6	4	1	1	1	9	0	9	8	8	5	1	0
1024	6	6	5	6	4	2	4	4	5	4	3	5	4	1	2	1	9	0	9	7	9	7	1	0
1025	6	5	5	5	4	2	4	4	4	4	4	5	3	1	2	1	9	0	9	8	7	8	1	0
1026	5	5	4	5	5	3	5	4	4	3	2	6	3	1	2	1	9	0	9	8	7	5	1	0
1027	5	5	5	7	4	3	4	4	4	5	4	4	2	1	1	1	7	0	9	9	8	5	1	0
1028	4	4	5	5	4	3	6	6	3	5	4	5	3	1	4	1	9	0	9	8	9	7	1	0
1029	6	6	5	6	3	3	6	5	4	5	3	5	4	1	1	1	9	0	7	8	8	6	1	0
1030	5	5	5	6	4	2	5	5	5	6	3	4	2	1	2	1	9	0	9	8	8	7	1	0
1031	5	5	4	6	4	3	5	4	4	3	3	5	3	1	4	1	9	0	9	7	8	4	1	0
1032	6	6	5	6	4	3	5	5	4	5	4	4	3	1	1	1	9	0	9	8	8	5	1	0
1033	6	6	5	6	5	3	5	5	5	5	3	5	3	1	2	1	9	0	9	8	8	5	1	0
1034	5	5	5	5	3	3	6	6	4	5	2	6	4	1	1	1	9	0	9	8	7	7	1	0
1035	5	6	5	6	3	3	4	4	4	2	2	6	3	1	1	1	9	0	9	8	9	6	1	0
1036	5	6	4	5	4	3	7	6	4	5	1	6	5	1	2	1	9	0	9	8	9	5	1	0
1037	4	5	4	5	4	3	6	5	4	4	2	0	5	1	1	1	9	0	9	8	8	6	1	0
1038	5	5	4	5	4	3	5	5	4	3	2	6	5	1	1	1	9	0	9	8	9	8	1	0
1039	4	3	4	6	4	3	5	4	4	4	2	5	7	1	4	3	9	0	9	8	9	6	1	0
1040	6	6	5	7	3	3	5	5	4	4	1	6	6	1	2	3	9	0	5	8	7	7	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CN	COL	IDC	HER
1041	6	6	5	7	3	3	5	5	5	4	1	6	5	1	1	3	9	0	5	9	8	5	1	0
1042	5	6	4	6	4	3	5	5	4	4	2	6	5	1	2	1	9	0	9	8	8	6	1	0
1043	5	6	5	6	3	3	6	5	2	4	2	6	6	1	1	1	9	0	9	8	8	6	1	0
1044	5	5	4	5	5	3	6	6	4	5	2	6	5	2	2	1	9	0	9	8	8	6	1	0
1045	4	5	4	7	3	3	5	5	4	3	2	6	5	2	2	1	9	0	9	8	8	5	1	0
1046	5	5	4	5	5	3	5	5	4	5	7	5	6	1	2	1	9	0	9	8	9	5	1	0
1047	5	5	4	6	4	2	4	4	4	4	3	5	4	1	1	3	9	0	9	8	8	7	1	0
1048	6	6	5	5	3	3	4	4	4	3	2	5	4	1	2	3	9	0	5	8	8	6	1	0
1049	5	5	4	6	4	3	5	6	5	5	8	5	7	1	2	1	9	0	9	7	8	5	5	0
1050	5	5	4	6	4	3	6	6	4	5	3	6	6	1	1	1	9	0	9	8	8	5	1	0
1051	4	5	4	7	3	3	6	6	4	5	2	6	5	1	1	1	9	0	9	8	7	8	3	0
1052	4	4	4	6	4	2	4	4	4	3	2	6	5	1	2	1	9	0	9	9	7	6	1	0
1053	5	6	5	5	3	3	5	4	4	4	1	5	5	1	1	1	9	0	7	8	8	7	1	0
1054	6	5	5	6	4	2	5	5	5	4	1	0	7	1	3	3	9	0	5	7	9	5	1	0
1055	6	6	5	6	5	3	5	5	5	4	2	6	5	1	3	3	9	0	7	8	8	8	1	0
1056	5	5	5	5	4	2	4	4	4	3	3	6	5	1	3	3	7	0	7	8	7	8	1	0
1057	6	6	4	4	4	3	6	6	5	5	7	5	7	1	4	1	9	0	7	8	7	6	1	0
1058	5	5	4	5	5	3	5	4	4	4	7	5	6	1	2	1	9	0	9	8	8	6	1	0
1059	5	6	4	6	4	3	6	5	3	5	3	5	6	1	4	1	9	0	9	8	9	6	1	0
1060	5	6	5	4	4	2	5	5	5	5	3	5	5	1	4	1	9	0	7	8	8	9	1	0
1061	5	5	4	7	4	2	6	6	3	5	2	5	6	1	2	1	9	0	9	8	9	9	1	0
1062	4	4	4	6	3	3	6	5	4	4	3	6	5	1	3	3	9	0	9	7	9	6	1	0
1063	4	4	5	5	4	3	4	4	4	4	4	4	5	1	2	1	9	0	7	9	8	5	1	0
1064	5	5	4	5	4	3	4	3	4	2	2	0	4	1	2	1	9	0	9	8	7	9	1	0
1065	5	5	5	6	4	2	4	4	4	3	1	0	6	1	3	3	9	0	9	8	9	7	1	0
1066	5	5	4	6	3	3	4	4	4	4	2	5	4	1	4	3	9	0	7	8	9	7	1	0
1067	4	4	4	5	4	3	3	3	4	4	3	4	6	1	2	3	3	0	9	8	9	7	1	0
1068	4	4	4	4	5	2	4	3	4	4	3	5	5	1	4	1	9	0	9	7	9	8	1	0
1069	5	5	4	5	4	2	5	5	4	5	4	5	4	1	2	1	9	0	9	8	8	7	1	0
1070	4	4	4	4	4	2	4	4	4	4	4	4	6	2	4	2	9	0	9	8	9	5	1	0
1071	5	5	5	5	5	3	3	5	7	6	5	4	4	1	4	1	7	0	7	8	9	3	1	0
1072	5	5	4	5	4	3	5	6	7	6	3	4	6	1	2	1	9	0	9	8	9	7	1	0
1073	4	5	4	6	4	3	7	6	4	5	2	6	6	1	1	1	7	0	9	8	8	5	1	0
1074	5	5	5	5	4	3	4	4	4	3	2	5	5	1	3	3	9	0	7	8	7	6	1	0
1075	6	6	5	7	3	2	5	5	5	4	2	5	6	1	3	3	9	0	5	8	7	5	1	0
1076	5	6	5	5	2	2	5	5	4	4	2	0	6	1	3	3	9	0	7	8	8	5	1	0
1077	5	4	4	6	3	3	5	5	4	5	3	5	7	1	2	1	9	0	7	8	8	6	1	0
1078	5	5	4	5	4	3	5	4	4	4	6	5	6	1	3	3	7	0	9	9	8	4	1	0
1079	5	5	4	5	4	3	5	4	4	5	2	4	6	1	4	1	7	0	9	7	8	8	1	0
1080	4	4	4	6	3	2	5	5	4	5	3	5	6	1	4	1	9	0	7	8	7	6	1	0



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	NER
1081	5	5	4	5	3	2	5	5	5	4	2	6	6	1	3	3	9	0	7	8	7	5	1	0
1082	6	6	5	5	4	3	4	4	4	4	1	5	5	1	1	3	9	0	7	9	8	5	1	0
1083	6	6	5	5	4	3	5	5	4	5	2	5	5	1	1	1	9	0	7	8	8	5	1	0
1084	6	6	5	5	4	3	3	3	5	4	1	5	5	1	1	1	9	0	7	8	8	5	1	0
1085	5	5	5	5	4	3	4	4	4	3	1	0	5	1	3	3	9	0	9	8	7	6	1	0
1086	5	4	4	5	4	3	5	5	4	5	5	5	6	1	1	1	9	0	9	9	8	6	1	0
1087	5	5	4	5	4	3	5	5	4	5	6	5	6	1	2	1	9	0	9	9	8	6	1	0
1088	4	4	4	5	4	3	4	4	4	4	3	5	5	1	4	3	9	0	9	7	9	5	1	0
1089	6	5	4	6	4	3	6	5	4	4	2	5	5	1	1	3	9	0	7	8	7	5	1	0
1090	6	6	5	5	4	2	4	5	6	5	1	5	5	1	1	1	9	0	9	8	7	6	1	0
1091	6	6	5	5	4	2	3	3	4	3	1	5	5	1	1	1	9	0	7	8	7	7	1	0
1092	4	4	4	4	5	3	4	4	3	3	2	5	4	2	2	1	9	0	7	8	8	5	1	0
1093	4	4	4	5	4	2	4	4	4	4	2	5	5	1	2	1	9	0	7	8	8	9	1	0
1094	4	5	4	5	5	3	3	3	4	4	2	5	5	1	2	3	9	0	9	8	9	7	1	0
1095	5	5	4	4	5	3	4	4	4	4	3	4	3	1	2	3	9	0	9	8	9	7	1	0
1096	4	4	4	4	4	3	4	3	4	4	4	5	4	1	2	3	9	0	9	8	9	6	1	0
1097	4	4	4	4	6	3	4	3	3	4	3	5	6	1	1	1	9	0	9	9	8	9	1	0
1098	5	6	5	4	6	3	3	3	5	4	1	5	4	1	1	1	9	0	9	8	8	5	1	0
1099	4	4	4	4	6	3	4	4	5	5	5	3	4	1	4	1	9	0	7	8	8	9	6	0
1100	6	6	5	5	5	3	5	5	4	4	1	0	4	1	3	3	9	0	9	8	8	7	1	0
1101	4	4	4	5	5	3	5	5	4	4	2	0	4	1	1	1	9	0	9	8	8	8	1	0
1102	4	3	4	5	6	3	4	4	4	4	2	5	4	1	2	3	9	0	9	7	9	5	1	0
1103	4	4	4	5	5	3	3	3	4	4	4	4	4	1	4	1	9	0	9	8	7	5	1	0
1104	4	3	4	5	4	3	4	3	4	4	2	4	5	1	1	1	9	0	9	7	9	6	1	0
1105	6	6	5	5	5	3	5	5	4	4	1	5	5	1	2	3	9	0	5	9	8	5	1	0
1106	5	5	5	5	5	3	3	4	5	4	2	5	5	1	1	1	9	0	7	9	9	6	1	0
1107	4	4	4	4	5	3	4	3	4	4	2	4	5	1	1	1	9	0	9	7	9	5	1	0
1108	4	4	4	4	4	3	4	4	5	5	3	4	5	1	1	1	9	0	9	8	9	6	1	0
1109	5	5	5	6	2	3	5	5	4	3	1	6	5	1	3	3	9	0	7	8	8	6	1	0
1110	5	5	4	5	3	3	4	4	4	3	1	0	4	1	3	3	9	0	7	9	8	5	1	0
1111	4	4	4	5	3	3	4	4	4	3	1	5	5	1	1	3	9	0	9	8	8	8	1	0
1112	5	5	4	5	4	3	4	3	4	3	1	0	6	1	3	3	9	0	9	8	8	9	5	0
1113	5	5	5	5	3	3	4	4	4	3	1	5	5	1	1	1	9	0	9	6	8	5	1	0
1114	4	3	4	4	4	2	3	3	4	5	3	3	4	1	4	3	9	0	9	9	9	6	1	0
1115	5	5	4	5	3	3	4	4	5	4	6	5	4	1	2	1	9	0	9	9	8	5	1	0
1116	4	3	4	4	3	3	5	5	5	5	3	4	4	1	2	1	9	0	9	8	9	8	1	0
1117	4	3	4	4	5	3	5	4	4	5	3	4	5	1	2	1	9	0	9	8	9	5	1	0
1118	4	4	4	4	3	3	3	3	4	5	4	3	4	1	4	3	9	0	9	8	9	5	1	0
1119	4	4	4	5	4	3	5	5	4	5	3	5	6	1	2	1	9	0	9	8	9	7	1	0
1120	4	4	4	5	4	2	4	4	4	4	2	5	5	1	2	1	9	0	9	8	9	7	1	0

## 260 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER	
1121	4	4	4	5	5	3	4	4	4	4	2	5	5	1	3	3	9	0	9	6	8	6	1	0	
1122	6	6	5	5	4	3	4	4	4	4	1	5	5	1	3	3	9	0	7	8	7	7	1	0	
1123	5	6	5	4	5	3	4	4	4	5	4	1	5	5	1	2	3	9	0	9	8	8	7	1	0
1124	4	4	4	5	5	3	3	3	5	4	3	5	4	1	3	3	9	0	9	8	8	9	4	1	0
1125	4	4	4	5	4	3	4	3	4	5	2	4	6	1	4	3	9	0	9	8	9	8	1	0	
1126	4	4	4	4	5	3	3	4	5	4	4	5	5	1	4	3	9	0	9	8	8	5	1	0	
1127	5	4	4	4	3	3	5	4	4	4	2	5	5	1	1	1	9	0	9	8	8	7	1	0	
1128	5	5	4	5	4	3	4	4	4	4	3	5	5	1	1	1	9	0	9	8	8	9	5	1	0
1129	5	5	4	5	5	3	5	5	4	5	4	5	4	1	1	1	9	0	9	8	8	7	1	0	
1130	4	3	4	4	4	4	4	3	4	3	3	5	4	1	2	1	9	0	9	8	9	7	1	0	
1131	6	6	4	4	4	3	4	3	4	4	2	5	6	1	3	3	9	0	9	9	7	7	1	0	
1132	6	6	4	4	4	3	3	5	6	5	2	5	5	1	1	1	9	0	7	9	8	6	1	0	
1133	6	5	5	5	4	3	4	4	5	4	1	5	5	1	2	3	9	0	7	9	8	5	1	0	
1134	5	5	5	4	5	2	4	3	4	5	2	4	6	1	4	1	7	0	9	8	9	4	1	0	
1135	6	6	5	5	4	2	3	2	4	4	3	4	6	1	4	1	9	0	9	9	9	8	1	0	
1136	5	6	5	6	4	3	5	5	4	5	4	5	6	1	4	1	9	0	9	8	9	5	1	0	
1137	6	6	5	5	4	3	4	4	4	4	1	5	5	1	1	1	9	0	7	8	9	6	1	0	
1138	6	6	5	5	4	3	4	4	5	4	1	5	5	1	1	1	9	0	9	9	8	5	1	0	
1139	6	6	5	5	4	3	4	3	4	4	1	5	5	1	1	1	9	0	7	8	8	5	1	0	
1140	6	6	5	5	5	3	5	5	5	5	2	5	5	1	1	3	9	0	7	8	8	5	1	0	
1141	4	4	4	5	5	3	5	5	4	4	3	5	4	1	2	1	9	0	9	9	9	6	1	0	
1142	5	6	5	6	4	3	5	5	4	3	1	6	6	1	3	3	9	0	7	8	9	5	1	0	
1143	6	6	5	5	5	3	3	3	5	4	1	5	5	1	2	1	9	0	7	8	9	5	1	0	
1144	6	6	5	5	4	3	5	5	4	4	2	5	5	1	1	1	9	0	9	8	9	5	1	0	
1145	6	5	5	4	3	3	4	4	4	4	1	5	5	1	1	1	9	0	7	9	9	5	1	0	
1146	4	4	4	4	4	3	4	3	4	4	5	5	5	1	4	3	9	0	9	9	9	7	1	0	
1147	4	4	4	4	5	3	3	2	4	4	4	4	5	1	4	1	9	0	9	9	9	6	1	0	
1148	5	6	5	5	5	3	5	4	4	3	1	0	5	1	3	3	9	0	7	8	8	5	1	0	
1149	4	5	4	5	5	3	4	3	3	3	4	5	5	1	3	3	9	0	9	9	9	4	1	0	
1150	6	5	5	4	5	2	4	4	5	4	1	5	5	1	1	1	7	0	9	9	9	7	1	0	
1151	5	5	4	5	5	3	4	3	4	3	1	5	5	1	2	3	9	0	9	8	8	5	1	0	
1152	4	4	4	5	5	3	4	3	4	2	1	0	6	2	4	2	9	0	9	9	8	5	1	0	
1153	6	6	5	4	3	3	5	3	2	2	1	6	6	1	3	3	9	0	7	9	7	6	1	0	
1154	5	5	5	5	5	3	4	4	4	3	1	0	5	1	3	3	9	0	7	9	8	5	1	0	
1155	5	6	4	4	5	2	6	5	3	5	3	4	5	1	4	1	9	0	9	9	9	6	1	0	
1156	6	6	5	5	5	3	4	4	5	4	1	5	5	1	1	1	9	0	7	9	9	6	1	0	
1157	5	5	4	6	5	3	5	4	4	5	3	5	5	1	4	3	9	0	9	9	9	5	1	0	
1158	5	5	5	4	4	3	4	3	4	5	2	3	4	1	4	1	9	0	9	9	9	6	1	0	
1159	6	6	5	4	4	3	3	3	5	4	2	5	4	1	1	1	9	0	7	9	8	6	1	0	
1160	5	5	5	6	3	3	4	5	6	5	2	5	6	1	1	1	9	0	7	9	8	7	1	0	

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
1161	5	4	5	4	5	3	5	4	4	4	2	5	5	1	1	1	9	0	9	9	8	5	1	0
1162	4	5	4	5	5	3	4	3	4	4	2	5	5	1	1	1	9	0	9	9	8	5	1	0
1163	5	6	5	4	5	3	4	4	4	5	2	3	6	1	4	3	9	0	9	9	8	5	1	0
1164	5	6	5	5	4	3	4	4	4	5	2	4	5	1	4	3	9	0	9	9	9	7	1	0
1165	5	5	5	5	4	4	5	5	4	4	4	5	5	1	2	1	9	0	9	9	9	8	1	0
1166	5	5	5	4	4	3	4	4	4	4	3	5	5	1	2	1	9	0	9	8	9	6	1	0
1167	6	6	5	4	4	3	5	5	4	5	1	5	6	1	4	3	9	0	9	8	8	5	1	0
1168	5	5	5	5	4	3	4	4	4	3	1	0	6	1	3	3	7	0	7	9	9	5	1	0
1169	5	5	5	5	5	3	4	3	4	2	1	0	4	1	3	3	9	0	7	9	9	5	1	0
1170	5	5	4	4	4	3	4	4	5	5	2	4	4	1	1	1	9	0	9	8	9	7	1	0
1171	5	5	5	4	4	3	2	3	4	4	3	4	5	1	1	1	9	0	9	8	9	8	1	0
1172	5	6	4	5	4	3	5	4	4	5	2	4	5	1	1	1	9	0	9	8	9	5	1	0
1173	4	4	4	5	4	3	4	3	4	4	1	4	5	1	1	1	9	0	9	9	8	8	1	0
1174	4	4	4	4	4	3	4	3	4	4	2	4	5	1	1	1	9	0	9	9	9	8	1	0
1175	5	4	4	4	5	3	5	5	4	4	2	5	4	1	2	1	9	0	9	9	8	5	1	0
1176	5	5	5	3	4	2	2	3	5	5	2	3	4	1	2	1	7	0	9	8	9	5	1	0
1177	4	4	4	4	4	3	4	4	4	5	2	4	4	1	2	1	9	0	9	9	9	5	1	0
1178	4	4	4	5	4	3	4	4	4	5	4	4	5	1	4	1	9	0	9	9	9	5	1	0
1179	5	5	4	4	5	3	4	4	4	5	4	4	5	1	4	1	9	0	9	8	9	5	1	0
1180	5	5	4	4	5	2	3	4	5	5	3	3	4	1	1	1	9	0	9	9	8	5	1	0
1181	5	5	4	4	5	2	3	3	5	5	2	4	4	1	4	1	9	0	9	8	9	6	1	0
1182	6	5	5	6	5	3	6	5	4	3	3	6	5	1	2	1	9	0	9	8	9	6	1	0
1183	5	4	4	4	5	3	4	4	4	5	2	3	4	1	1	1	9	0	7	9	8	4	1	0
1184	5	5	4	5	3	3	5	4	4	5	2	5	5	1	1	1	9	0	9	9	8	5	1	0
1185	4	6	4	3	5	3	4	4	4	5	3	4	4	1	1	1	9	0	9	9	7	5	1	0
1186	5	5	4	4	5	3	3	3	4	5	3	3	3	1	1	1	9	0	9	9	7	5	1	0
1187	5	5	4	5	5	3	4	4	4	3	1	6	5	1	3	3	9	0	7	8	7	6	1	0
1188	4	5	4	5	4	3	5	5	4	4	2	5	4	1	2	1	9	0	9	7	7	8	1	0
1189	4	4	4	5	4	3	4	4	4	5	2	4	5	1	2	1	9	0	9	7	7	8	1	0
1190	5	5	4	5	4	3	5	5	4	5	2	5	5	2	4	2	9	0	9	9	8	6	1	0
1191	4	4	4	5	4	3	5	4	4	5	2	4	5	1	2	1	7	0	9	7	7	5	1	0
1192	4	4	4	4	5	3	5	4	4	5	2	4	5	1	2	1	9	0	9	7	7	5	1	0
1193	5	6	5	5	4	3	6	5	4	5	2	4	5	1	1	1	9	0	9	7	9	8	1	0
1194	5	5	4	5	5	3	3	3	4	3	2	5	4	1	2	1	9	0	7	9	9	5	1	0
1195	4	5	4	4	4	3	4	4	4	3	2	5	3	2	2	1	9	0	9	8	8	8	1	0
1196	5	5	4	4	4	2	4	4	4	4	2	5	3	1	4	1	9	0	9	8	7	9	1	0
1197	5	6	4	5	5	3	4	4	4	5	2	4	4	1	1	1	9	0	9	9	7	5	1	0
1198	5	5	4	6	4	3	5	5	4	5	2	5	3	1	1	1	9	0	9	7	7	4	1	0
1199	4	4	4	4	5	3	4	4	4	5	2	4	4	1	4	1	9	0	9	7	7	4	1	0
1200	5	5	4	5	5	3	6	5	4	4	1	5	3	1	1	1	9	0	9	8	7	5	1	0

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ILC	DAF	FDU	DNA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	NER
1201	4	4	4	5	5	3	4	3	4	4	2	4	5	1	4	1	9	0	9	8	7	6	1	0
1202	5	5	4	5	4	3	4	3	4	3	2	5	4	1	3	3	9	0	7	8	7	5	1	0
1203	5	5	4	6	4	3	4	4	4	3	2	5	4	1	3	3	9	0	7	8	7	5	1	0
1204	5	5	4	4	5	3	5	4	4	3	2	6	4	1	1	1	9	0	9	8	7	5	1	0
1205	5	5	4	5	5	3	4	4	4	3	2	0	3	1	2	1	9	0	9	8	7	5	1	0
1206	5	5	4	5	5	3	3	3	4	2	1	5	5	1	3	3	9	0	9	9	7	7	1	0
1207	5	5	4	4	4	3	4	4	5	3	2	5	3	1	1	1	9	0	9	9	7	7	1	0
1208	4	4	4	6	5	3	4	4	4	3	1	0	4	1	2	1	9	0	9	8	7	8	1	0
1209	4	4	4	4	4	3	4	3	4	2	2	0	5	1	2	1	9	0	9	8	9	9	1	0
1210	5	5	4	5	5	3	4	4	5	4	9	4	4	1	2	1	9	0	9	8	7	5	1	0
1211	5	5	4	6	4	3	4	4	3	3	2	0	5	2	4	1	9	0	9	9	7	5	1	0
1212	5	5	5	4	6	3	3	3	5	4	2	5	4	1	1	1	9	0	7	8	7	6	1	0
1213	5	5	4	4	5	3	4	3	4	4	5	5	5	1	2	1	9	0	9	7	7	5	1	0
1214	4	5	4	4	5	3	3	3	5	4	5	4	5	1	2	1	9	0	9	7	9	7	1	0
1215	5	6	4	4	4	2	5	4	4	5	3	4	4	1	2	1	9	0	9	8	7	7	1	0
1216	6	6	5	5	5	3	4	4	4	3	2	5	4	1	3	3	9	0	4	8	7	7	1	0
1217	5	5	4	4	4	2	3	3	5	3	1	5	5	2	3	3	9	0	7	8	7	7	1	0
1218	5	5	5	5	5	2	4	4	4	3	2	5	5	1	1	3	9	0	7	8	7	6	1	0
1219	5	5	4	5	4	2	5	4	4	3	1	0	4	1	2	1	9	0	9	8	8	6	1	0
1220	5	5	4	5	4	2	4	4	4	4	1	4	4	1	1	1	9	0	9	8	7	5	1	0
1221	5	5	4	5	5	3	3	4	5	4	2	5	4	1	1	1	9	0	9	8	7	5	1	0
1222	6	5	5	5	4	3	4	4	5	3	2	0	4	1	3	3	9	0	7	8	7	6	1	0
1223	5	5	4	4	4	3	3	3	4	4	2	4	4	1	4	1	9	0	9	7	7	7	1	0
1224	5	5	4	5	5	3	5	5	4	3	2	6	4	2	4	1	9	0	9	8	8	5	1	0
1225	5	5	4	4	5	3	5	4	4	3	3	0	4	2	1	3	9	0	7	8	8	5	1	0
1226	4	5	4	4	4	3	4	3	4	4	2	4	5	2	4	2	9	0	9	8	7	9	1	0
1227	4	4	4	5	4	3	5	4	4	4	2	5	4	1	4	1	9	0	7	8	7	5	1	0
1228	5	5	4	4	5	3	3	3	5	3	3	5	4	1	4	1	9	0	7	8	7	5	1	0
1229	5	6	5	4	4	3	4	4	5	4	2	5	5	1	1	1	9	0	9	8	8	5	1	0
1230	5	6	5	6	5	3	4	4	5	3	2	0	4	1	3	3	9	0	7	8	7	7	1	0
1231	6	6	5	4	5	3	3	4	5	4	1	5	4	1	1	1	9	0	7	9	7	7	1	0
1232	6	5	5	4	5	3	4	4	5	3	1	0	6	2	5	2	9	0	7	9	8	7	1	0
1233	5	5	4	7	3	3	7	6	3	5	2	0	4	1	1	1	9	0	7	8	8	5	1	0
1234	5	5	4	6	5	3	4	3	4	4	3	5	4	1	2	1	9	0	9	9	7	6	1	0
1235	5	5	4	4	4	3	3	3	5	5	3	4	4	1	4	1	9	0	9	7	8	6	1	0
1236	5	5	4	6	4	3	5	4	4	5	3	4	4	1	4	1	9	0	9	7	8	6	1	0
1237	5	5	4	5	5	3	5	4	4	5	2	4	5	1	4	1	9	0	7	7	8	7	1	0
1238	5	5	4	6	4	3	4	4	4	4	1	5	4	1	3	3	9	0	9	8	7	6	1	0
1239	5	5	4	4	4	3	5	5	5	5	5	4	3	1	2	3	9	0	7	9	8	6	1	0
1240	5	5	4	6	5	3	4	3	4	4	4	5	5	1	2	3	9	0	7	8	7	4	1	0

ILC	DAF	FNU	DMA	BGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
1241	4	4	4	6	3	3	5	5	4	6	2	4	5	1	4	3	9	0	9	8	9	7	1	0
1242	5	5	4	5	4	3	5	4	4	5	2	4	4	2	4	1	9	0	9	9	8	5	1	0
1243	4	4	4	5	4	3	4	3	4	5	4	4	5	1	3	3	9	0	9	9	7	9	1	0
1244	4	4	4	4	5	3	3	2	4	4	2	4	4	1	4	1	9	0	9	8	7	4	1	0
1245	4	4	4	4	5	3	4	3	4	4	2	4	5	1	4	1	9	0	9	9	7	5	1	0
1246	5	5	6	3	5	2	4	7	8	6	4	4	4	1	4	1	7	0	9	8	7	5	1	0
1247	4	5	4	3	4	3	4	3	4	4	3	5	3	1	4	1	9	0	9	8	7	6	1	0
1248	5	5	5	5	4	3	3	4	5	5	2	4	4	1	4	1	9	0	9	8	8	6	1	0
1249	5	5	5	5	5	3	2	2	4	4	4	3	4	1	4	3	9	0	9	7	9	7	1	0
1250	3	3	5	4	4	3	3	5	6	6	4	2	4	1	4	1	9	0	9	8	8	7	1	0
1251	5	5	4	5	4	3	5	4	4	3	2	6	4	2	4	1	9	0	9	8	7	3	1	0
1252	4	5	5	5	5	3	3	4	6	5	6	4	3	1	1	1	9	0	9	9	8	5	1	0
1253	3	2	5	4	4	3	6	7	6	6	3	2	4	1	4	1	9	0	9	9	7	9	1	0
1254	3	2	5	4	4	2	4	4	5	6	3	1	5	1	4	1	9	0	9	9	7	9	1	0
1255	5	5	4	7	3	3	6	5	3	4	1	0	4	-	0	0	9	0	7	8	9	5	5	0
1256	5	5	4	6	4	3	4	4	4	3	1	6	4	2	1	1	9	0	9	8	8	3	1	0
1257	4	4	5	7	3	3	5	5	4	3	2	6	3	2	4	1	7	0	9	8	7	4	1	0
1258	5	4	5	4	4	3	3	4	6	4	6	4	2	1	2	1	9	0	9	8	7	6	1	0
1259	5	6	4	4	4	3	4	4	5	5	9	4	2	1	1	1	9	0	9	8	9	7	1	0
1260	4	4	4	5	4	3	4	4	4	4	2	5	3	1	2	1	9	0	7	9	9	7	1	0
1261	4	4	4	5	5	3	4	3	4	4	3	4	3	2	4	2	9	0	9	9	7	7	1	0
1262	4	5	4	5	4	3	4	4	4	5	3	4	4	2	4	2	9	0	9	9	8	5	1	0
1263	4	4	4	5	4	3	5	4	4	5	2	4	5	2	4	2	9	0	7	8	7	5	1	0
1264	4	4	4	5	4	3	3	3	4	4	3	4	4	1	4	1	9	0	9	9	8	5	1	0
1265	4	5	4	5	4	3	4	4	4	4	3	5	4	2	4	3	7	0	9	8	8	4	1	0
1266	5	5	4	6	4	3	5	5	4	5	4	5	4	1	2	1	9	0	9	7	8	5	1	0
1267	4	4	4	5	4	2	4	4	4	5	2	4	4	1	2	1	9	0	9	8	8	5	1	0
1268	5	5	4	5	4	3	5	6	6	6	7	4	3	1	2	1	9	0	9	7	8	6	1	0
1269	4	4	4	5	4	3	4	4	4	5	3	4	3	1	4	1	9	0	9	8	9	7	1	0
1270	5	6	4	4	4	3	4	3	4	4	6	4	4	1	2	1	9	0	9	8	9	8	1	0
1271	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
1272	5	6	4	5	5	3	3	3	4	5	5	3	4	1	4	1	9	0	9	8	9	9	1	0
1273	5	6	4	6	5	3	4	4	5	5	3	4	3	1	4	1	9	0	9	9	8	7	1	0
1274	5	4	4	6	4	2	5	5	4	4	2	5	2	2	4	2	9	0	9	8	9	8	1	0
1275	5	4	5	5	3	2	5	6	6	6	7	4	2	1	1	3	9	0	9	8	9	6	1	0
1276	5	5	4	5	4	3	6	5	4	4	3	0	4	2	1	2	7	0	9	8	9	8	1	0
1277	4	5	4	4	4	3	5	4	4	4	2	5	4	2	4	3	9	0	9	8	9	4	1	0
1278	4	4	4	5	4	3	5	4	4	4	3	5	4	2	4	3	9	0	7	8	9	9	1	0
1279	5	5	4	5	4	3	4	4	4	5	3	5	3	1	4	1	9	0	7	8	9	7	1	0
1280	4	5	4	4	5	3	4	4	4	5	4	3	4	1	4	1	9	0	7	8	9	5	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
1281	4	4	4	6	3	3	5	5	5	5	2	5	3	1	2	1	9	0	7	8	9	7	1	0
1282	4	4	4	5	4	3	3	3	4	5	4	3	4	1	4	1	9	0	8	8	9	9	1	0
1283	4	3	4	6	4	3	5	4	4	2	3	6	4	1	2	1	9	0	7	8	9	7	1	0
1284	5	5	4	5	4	3	4	4	4	4	2	5	4	1	1	3	9	0	7	8	9	7	1	0
1285	6	6	5	6	4	3	4	4	4	4	3	5	3	1	4	1	9	0	8	7	9	4	1	0
1286	4	5	4	5	5	3	4	3	4	4	3	4	4	1	4	1	9	0	7	7	8	9	1	0
1287	4	4	4	6	4	3	4	3	4	4	2	4	4	1	4	1	8	0	7	8	9	5	1	0
1288	4	4	4	5	5	3	3	3	4	5	4	3	2	1	2	1	9	0	6	8	9	8	1	0
1289	4	4	4	4	5	2	3	3	4	4	4	4	3	1	1	1	9	0	7	8	8	5	1	0
1290	4	4	4	4	4	3	4	3	4	4	3	4	4	1	1	1	9	0	8	8	8	6	1	0
1291	4	4	4	4	5	3	4	3	4	4	3	4	3	1	1	1	9	0	9	8	9	5	1	0
1292	4	4	4	4	5	3	3	3	5	5	5	4	3	1	1	1	9	0	9	8	7	7	1	0
1293	5	4	4	5	3	3	4	4	4	5	3	4	4	1	1	1	9	0	7	8	8	6	1	0
1294	5	5	5	5	4	3	4	4	4	5	2	3	5	1	2	1	9	0	7	8	8	5	1	0
1295	4	4	4	5	3	2	4	4	4	5	2	4	6	1	1	1	9	0	8	7	8	4	1	0
1296	4	5	4	5	4	3	5	5	4	6	5	3	5	1	4	1	9	0	8	9	8	5	1	0
1297	5	5	4	5	4	3	5	4	4	5	3	4	5	1	2	1	9	0	8	7	8	8	1	0
1298	5	6	4	5	4	3	3	3	4	4	3	4	4	1	2	1	9	0	7	8	9	9	1	0
1299	4	4	4	5	5	3	4	4	4	4	3	4	4	1	2	1	7	0	7	7	9	5	1	0
1300	4	4	5	3	5	3	4	3	4	5	5	4	4	1	1	1	7	0	8	7	7	6	1	0
1301	4	5	5	6	4	3	5	5	5	6	3	4	5	1	1	1	9	0	9	7	9	7	1	0
1302	5	5	5	5	4	3	5	4	4	5	4	4	4	1	1	1	9	0	8	8	9	5	1	0
1303	5	5	5	4	5	3	6	6	5	6	5	3	5	1	1	1	9	0	9	8	9	9	1	0
1304	5	5	5	5	4	3	5	5	5	6	2	4	5	1	1	1	9	0	9	8	8	5	1	0
1305	4	4	5	5	4	3	4	3	4	5	2	3	6	1	1	1	7	0	9	7	9	6	1	0
1306	5	5	4	5	5	4	5	4	4	5	2	3	6	1	2	1	9	0	9	7	9	9	1	0
1307	4	5	4	5	4	3	4	3	3	4	6	5	5	1	2	1	7	0	9	8	9	8	1	0
1308	5	5	4	6	4	3	5	4	4	5	3	4	6	1	1	3	9	0	9	7	9	7	1	0
1309	5	5	4	6	5	3	4	4	4	4	4	4	6	1	2	3	7	0	8	8	9	5	1	0
1310	4	5	5	4	5	3	4	4	5	5	4	4	5	1	4	1	9	0	9	8	9	8	1	0
1311	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
1312	5	5	4	6	5	4	4	3	3	5	3	4	5	1	4	1	9	0	9	8	8	7	1	0
1313	5	6	5	6	5	3	4	4	3	4	2	5	4	1	4	1	9	0	9	8	9	7	1	0
1314	6	6	5	6	4	3	4	5	5	4	2	5	4	1	4	1	9	0	7	8	9	6	1	0
1315	5	6	5	5	5	4	4	4	3	4	6	5	4	1	2	1	9	0	7	7	9	9	1	0
1316	5	4	5	6	4	3	7	7	5	5	1	6	3	2	2	2	9	0	9	8	9	7	1	0
1317	4	4	5	5	4	3	5	4	4	3	5	6	5	2	1	1	7	0	9	8	9	6	1	0
1318	4	4	4	5	5	3	4	4	4	3	2	5	5	1	1	1	9	0	9	7	7	6	1	0
1319	4	4	4	5	3	3	4	4	4	3	2	0	4	2	1	1	9	0	9	7	9	7	1	0
1320	4	5	5	5	4	3	6	5	4	4	4	6	4	2	5	2	9	0	9	8	9	7	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
1321	5	6	5	5	4	3	5	5	4	4	3	6	8	1	1	1	7	0	9	8	9	6	1	0
1322	5	5	5	5	4	3	4	4	4	3	5	0	5	1	1	1	7	0	9	8	9	7	1	0
1323	4	4	4	5	4	3	5	5	4	3	2	6	4	2	5	2	7	0	9	8	9	6	1	0
1324	4	5	4	4	6	3	5	5	4	4	2	6	5	1	1	1	7	0	9	8	8	6	1	0
1325	4	4	4	5	4	3	6	6	6	5	2	0	5	1	1	1	7	0	9	8	9	7	1	0
1326	4	3	4	4	6	3	5	5	5	4	3	6	6	2	5	2	7	0	9	9	9	5	1	0
1327	5	5	5	5	4	3	6	6	4	4	3	6	4	1	1	1	7	0	9	9	9	7	1	0
1328	5	4	4	5	4	3	5	5	4	3	2	6	5	1	1	1	7	0	9	9	9	9	1	0
1329	5	4	4	5	5	3	5	5	6	4	2	6	5	2	5	2	9	0	9	9	9	8	1	0
1330	5	4	4	5	4	3	5	5	4	4	2	6	5	1	1	1	9	0	9	9	9	8	1	0
1331	-	0	0	0	0	0	0	0	0	0	0	0	4	1	7	1	9	0	0	8	0	9	0	0
1332	5	6	5	4	5	3	5	5	5	4	3	5	5	1	2	1	9	0	9	8	9	7	1	0
1333	4	4	4	4	5	3	4	4	4	3	2	6	4	2	5	2	9	0	9	8	9	6	1	0
1334	4	5	4	5	4	3	5	4	4	3	3	5	4	1	1	1	9	0	9	8	9	6	1	0
1335	4	5	4	5	5	3	5	5	4	4	2	0	4	1	1	1	7	0	9	7	9	7	1	0
1336	4	5	4	5	4	3	5	5	5	4	3	6	5	1	1	1	7	0	9	8	9	6	1	0
1337	4	4	4	5	5	3	5	5	4	4	2	0	5	2	5	2	7	0	7	8	9	5	1	0
1338	5	4	4	4	5	3	4	4	4	3	3	0	5	1	2	1	7	0	9	8	9	8	1	0
1339	4	4	4	4	6	3	4	4	4	3	4	6	4	1	2	1	7	0	7	7	9	7	1	0
1340	4	4	4	5	5	3	4	4	4	3	2	0	5	2	5	2	7	0	7	7	9	8	1	0
1341	5	5	5	5	5	3	4	4	4	4	2	5	5	1	1	1	9	0	9	9	9	5	1	0
1342	4	4	4	4	6	3	4	4	5	3	1	6	4	2	5	2	9	0	9	8	9	7	1	0
1343	4	4	4	5	4	3	4	4	4	3	2	6	5	1	1	1	7	0	9	8	9	7	1	0
1344	4	4	4	5	4	3	4	4	5	3	2	0	5	1	1	1	7	0	9	8	9	6	1	0
1345	5	5	4	3	6	3	4	3	4	4	5	4	5	1	2	1	9	0	7	8	9	8	1	0
1346	4	4	4	4	5	3	6	5	4	4	3	0	4	1	2	1	9	0	7	8	9	7	1	0
1347	4	5	4	4	4	3	5	4	4	4	3	5	5	1	2	1	9	0	8	8	9	7	1	0
1348	5	5	5	5	4	3	4	4	4	4	2	5	6	1	4	1	7	0	8	8	9	6	1	0
1349	4	4	4	4	5	3	4	4	5	5	2	5	5	1	2	1	7	0	9	7	7	8	1	0
1350	4	4	4	5	5	3	5	4	4	3	3	6	6	1	1	1	9	0	9	9	9	5	1	0
1351	4	3	4	5	5	2	5	5	4	4	2	0	5	1	1	1	7	0	9	8	9	5	1	0
1352	4	4	4	4	5	3	4	4	5	3	1	0	4	2	5	2	9	0	8	8	9	5	1	0
1353	4	4	4	4	4	3	4	4	4	3	3	5	5	1	1	1	7	0	9	8	9	7	1	0
1354	4	4	4	5	5	3	5	5	4	4	3	5	5	1	1	1	7	0	9	8	9	7	1	0
1355	4	4	4	5	4	3	5	4	3	3	2	0	6	2	5	2	7	0	9	8	9	9	1	0
1356	5	4	4	5	4	3	5	5	4	4	3	0	5	1	1	1	7	0	8	8	8	8	1	0
1357	4	5	4	5	5	3	5	5	5	4	3	6	6	1	1	1	7	0	9	8	8	5	1	0
1358	4	4	4	4	6	3	4	4	5	3	3	5	5	2	5	2	7	0	9	8	9	5	1	0
1359	5	6	4	5	4	3	5	5	4	4	3	5	5	1	1	1	7	0	8	8	9	7	1	0
1360	4	5	5	4	5	3	5	5	5	4	2	6	5	1	1	1	7	0	9	8	8	7	1	0

## 266 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
1361	4	4	5	5	5	3	5	4	4	3	2	6	5	1	1	1	7	0	9	8	8	6	1	0
1362	5	5	5	4	4	3	5	5	4	4	3	6	6	1	1	1	7	0	9	7	9	6	1	0
1363	4	4	4	5	5	3	4	4	4	3	3	0	4	1	1	1	7	0	8	8	8	7	1	0
1364	4	4	4	5	4	3	4	4	4	3	3	5	5	1	1	1	7	0	8	8	9	8	1	0
1365	4	4	4	5	4	3	4	3	4	3	3	5	4	1	1	1	9	0	9	8	8	5	1	0
1366	4	4	4	5	4	3	5	5	4	3	2	6	5	2	5	2	9	0	9	7	9	5	1	0
1367	4	5	4	4	5	3	5	4	4	3	2	6	5	2	1	1	7	0	8	8	9	7	1	0
1368	4	4	4	4	4	3	4	4	5	3	2	0	5	1	2	1	9	0	9	8	9	7	1	0
1369	4	5	4	5	5	3	4	4	4	3	3	0	5	1	2	1	9	0	9	8	8	7	1	0
1370	5	4	4	4	5	3	5	5	4	3	2	6	3	2	5	2	7	0	9	8	9	7	1	0
1371	4	5	4	6	4	3	5	5	5	4	2	0	4	2	5	2	9	0	8	8	9	6	1	0
1372	5	5	4	5	4	3	5	5	4	3	2	6	5	1	1	1	9	0	9	8	8	7	1	0
1373	5	5	5	5	4	2	5	5	4	4	3	5	6	1	1	1	9	0	7	8	9	6	1	0
1374	4	4	4	4	4	3	5	5	4	3	2	6	5	1	1	1	7	0	9	8	9	7	1	0
1375	4	4	4	4	5	3	5	5	4	4	3	5	5	1	2	1	9	0	9	8	8	7	1	0
1376	4	4	4	5	4	3	6	5	3	4	3	0	6	2	1	1	7	0	7	8	9	7	1	0
1377	4	4	4	4	5	3	4	4	5	3	3	6	5	2	1	1	7	0	9	8	8	5	1	0
1378	4	4	4	5	5	3	4	4	4	3	3	6	4	1	1	1	7	0	9	8	9	7	1	0
1379	4	4	4	5	3	3	5	5	5	4	3	6	5	2	5	2	9	0	7	7	9	5	1	0
1380	5	6	4	4	4	3	4	4	5	3	2	5	4	1	1	1	7	0	7	7	8	5	1	0
1381	4	5	4	5	6	3	4	4	4	3	2	6	5	1	2	1	7	0	7	9	9	7	1	0
1382	4	5	4	3	5	3	4	5	6	4	3	5	3	2	5	2	9	0	9	9	8	8	1	0
1383	4	4	4	5	4	3	4	4	4	3	2	0	5	2	2	1	7	0	9	9	9	8	1	0
1384	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
1385	4	4	4	4	6	3	4	4	4	3	2	0	5	1	2	1	7	0	7	9	9	7	1	0
1386	4	3	4	4	5	3	5	5	4	4	3	0	4	1	4	1	7	0	9	8	9	6	1	0
1387	4	4	4	3	5	3	5	4	4	3	4	6	5	1	1	1	7	0	9	9	9	7	1	0
1388	4	4	4	4	6	3	5	5	5	4	4	6	5	2	5	2	7	0	9	8	9	7	1	0
1389	4	3	4	4	6	3	4	4	4	3	3	6	4	1	5	1	7	0	9	9	9	7	1	0
1390	4	4	4	4	6	3	4	4	5	4	2	5	5	2	2	1	7	0	9	9	9	7	1	0
1391	4	4	4	5	5	3	5	4	4	4	3	5	6	1	2	1	7	0	9	9	9	7	1	0
1392	4	4	4	4	5	3	4	4	5	3	4	0	5	1	2	1	7	0	9	8	9	6	1	0
1393	4	4	4	4	5	3	4	4	4	3	2	5	5	2	5	2	7	0	9	9	9	6	1	0
1394	4	4	4	5	5	3	5	4	4	3	3	5	5	1	1	1	7	0	9	9	9	7	1	0
1395	4	4	4	5	5	3	4	3	4	3	3	5	4	2	5	2	7	0	9	9	9	7	1	0
1396	4	4	4	5	4	3	4	4	4	3	3	0	5	1	2	1	7	0	7	9	9	5	1	0
1397	4	4	4	4	5	3	5	4	4	4	3	5	4	2	5	2	9	0	9	8	9	5	1	0
1398	4	4	4	4	4	3	4	3	3	2	3	5	6	1	2	1	7	0	9	9	9	5	1	0
1399	4	3	4	4	6	3	4	4	4	3	3	0	5	2	5	2	7	0	7	9	9	7	1	0
1400	5	5	5	5	6	3	5	5	4	4	3	5	6	1	1	1	9	0	9	9	9	7	1	0



ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
1401	4	4	5	5	5	3	5	5	5	3	2	6	4	2	5	2	7	0	9	9	9	6	1	0
1402	4	3	4	4	5	3	4	4	5	3	2	5	4	1	2	1	7	0	9	8	9	6	1	0
1403	4	4	4	4	5	3	4	4	4	3	3	5	4	2	5	1	8	0	9	9	8	6	1	0
1404	4	4	4	5	4	3	4	4	4	2	3	6	5	1	1	1	7	0	9	9	8	6	1	0
1405	4	4	4	4	4	3	5	4	4	3	2	0	5	1	1	1	7	0	7	8	8	5	1	0
1406	4	4	4	4	5	3	4	4	4	3	4	6	5	2	2	2	7	0	9	9	9	6	1	0
1407	4	4	4	5	5	3	5	4	4	4	3	5	5	1	1	1	7	0	7	8	9	7	1	0
1408	4	3	4	5	5	2	5	5	5	3	2	6	4	2	5	2	7	0	9	9	9	7	1	0
1409	4	6	4	5	4	3	4	4	4	3	3	5	5	1	1	1	7	0	9	9	9	5	1	0
1410	5	5	4	7	4	3	5	5	4	4	2	0	5	2	5	2	9	0	9	9	9	5	1	0
1411	5	5	5	6	4	3	6	6	5	5	2	0	5	1	1	1	7	0	9	9	8	7	1	0
1412	5	5	4	4	5	3	6	5	4	4	2	0	6	2	5	2	7	0	7	9	9	7	1	0
1413	4	5	4	4	4	3	5	5	4	3	3	6	5	1	1	1	7	0	7	9	9	5	1	0
1414	4	4	4	5	4	3	4	4	5	2	2	6	5	2	5	2	7	0	9	9	9	6	1	0
1415	4	5	5	5	5	3	5	5	5	4	2	6	5	1	1	1	7	0	9	9	9	7	1	0
1416	4	4	4	6	4	3	4	4	4	4	6	5	6	1	2	1	7	0	7	9	8	5	1	0
1417	4	4	4	5	3	3	5	5	5	4	1	0	4	2	5	2	9	0	9	9	8	5	1	0
1418	5	5	4	4	5	3	5	5	4	4	2	6	5	1	1	1	7	0	9	9	8	6	1	0
1419	4	5	4	5	4	3	6	6	4	5	2	6	6	1	1	1	7	0	9	9	9	6	1	0
1420	4	6	4	5	4	3	5	4	4	3	2	0	5	2	5	2	7	0	9	9	9	7	1	0
1421	5	5	4	5	5	3	4	4	4	3	2	0	5	1	1	1	7	0	9	9	9	5	1	0
1422	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
1423	4	5	4	4	5	3	4	4	4	3	3	0	4	1	1	1	7	0	9	9	9	7	1	0
1424	4	4	4	5	4	3	4	5	5	3	2	6	3	2	5	2	9	0	7	9	9	7	1	0
1425	5	6	5	5	5	3	4	4	3	3	2	6	5	1	1	1	7	0	9	9	9	6	1	0
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1427	4	5	5	5	5	3	5	5	4	4	3	5	5	1	1	1	7	0	9	9	9	5	1	0
1428	5	5	5	4	5	3	5	5	4	4	2	5	4	2	5	2	9	0	9	8	9	9	1	0
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1430	4	5	4	6	3	3	5	4	5	4	3	5	5	2	5	2	7	0	9	9	9	7	1	0
1431	6	6	5	6	3	3	4	4	4	3	1	6	5	1	3	1	7	0	5	9	8	5	1	0
1432	4	5	4	6	5	3	5	5	4	3	3	6	6	1	1	1	7	0	7	9	9	8	1	0
1433	4	4	4	6	4	3	4	4	4	3	2	0	5	2	5	2	7	0	9	9	9	5	1	0
1434	5	6	5	5	5	3	5	5	4	3	2	6	5	1	1	1	9	0	9	9	9	5	1	0
1435	4	4	4	4	4	3	4	4	5	3	2	0	4	2	5	2	9	0	7	7	9	5	1	0
1436	6	6	5	5	4	3	4	4	4	3	2	6	5	1	1	1	7	0	7	9	7	6	1	0
1437	6	6	5	4	5	3	5	5	5	3	2	6	5	1	1	1	7	0	7	9	9	5	1	0
1438	5	5	5	5	4	3	6	6	5	5	2	5	3	1	1	1	7	0	9	9	9	7	1	0
1439	5	5	5	6	6	3	5	5	4	4	3	6	5	2	5	2	7	0	9	8	9	6	1	0
1440	5	5	5	4	4	3	5	5	5	4	2	6	5	1	1	1	7	0	9	9	9	6	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CW	COL	IDC	HER	
1441	5	6	4	5	5	3	6	6	5	5	2	6	4	2	5	2	7	0	9	9	9	7	1	0	
1442	6	6	5	5	6	3	4	4	4	3	2	6	5	1	3	1	9	0	7	9	8	7	1	0	
1443	6	6	5	5	5	3	5	4	4	3	1	6	4	1	1	1	9	0	7	9	9	7	1	0	
1444	6	5	5	5	5	3	4	4	4	3	2	6	5	1	3	1	9	0	7	9	8	3	1	0	
1445	6	6	5	6	5	3	6	5	4	4	1	6	6	1	1	1	9	0	7	9	9	6	1	0	
1446	6	6	5	6	4	3	5	5	5	3	1	6	5	1	2	1	9	0	7	9	9	7	1	0	
1447	5	5	4	5	4	3	5	4	4	4	5	5	6	1	2	1	9	0	7	9	9	6	1	0	
1448	6	6	4	5	3	3	5	4	5	4	1	5	6	1	2	1	9	9	9	9	9	5	1	0	
1449	5	5	4	5	4	3	5	4	4	4	3	5	6	1	2	1	9	0	9	9	9	7	1	0	
1450	4	5	4	5	5	3	4	4	4	3	4	5	4	1	2	1	9	0	7	9	9	7	1	0	
1451	4	4	4	5	4	3	4	4	4	3	3	5	5	2	6	2	9	0	7	9	9	5	1	0	
1452	5	6	4	5	4	2	3	3	4	3	3	5	4	1	1	1	9	0	9	9	8	6	1	0	
1453	5	5	4	5	4	2	3	3	4	4	5	4	4	1	2	1	9	0	9	9	9	7	1	0	
1454	4	4	4	5	5	3	4	4	4	4	3	5	4	1	4	1	9	0	9	9	8	5	1	0	
1455	4	5	4	6	4	3	5	4	4	4	2	5	5	1	2	1	9	0	9	9	9	3	1	0	
1456	4	4	4	5	5	3	5	4	4	3	1	0	4	1	2	1	9	0	9	9	8	4	1	0	
1457	5	5	4	4	5	3	3	3	4	3	3	5	6	2	5	2	9	0	9	8	9	5	1	0	
1458	4	4	4	5	4	3	4	4	4	4	4	5	4	1	2	1	9	0	9	9	9	5	1	0	
1459	5	6	4	6	4	3	5	5	4	4	3	5	4	1	2	1	9	0	9	9	9	5	1	0	
1460	5	4	4	6	4	3	5	5	4	4	2	5	5	1	2	1	9	0	9	9	9	8	1	0	
1461	5	5	4	5	4	3	4	4	4	4	3	5	5	1	2	1	9	0	9	9	9	4	1	0	
1462	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
1463	4	5	4	6	4	3	5	5	4	4	2	5	5	1	4	1	9	0	9	9	9	4	1	0	
1464	5	5	4	6	4	3	6	5	3	4	1	5	6	1	4	1	9	0	9	9	9	3	1	0	
1465	4	4	4	5	4	3	5	5	5	5	4	5	4	1	2	1	9	0	7	9	8	7	1	0	
1466	4	5	4	7	4	3	6	6	4	5	2	5	5	2	5	2	9	0	7	9	9	7	1	0	
1467	5	5	5	5	4	3	5	5	5	4	2	5	4	1	2	1	9	0	9	9	9	7	1	0	
1468	5	5	4	7	3	3	5	5	4	5	2	5	4	1	1	1	9	0	7	8	9	7	1	0	
1469	4	4	4	6	4	3	5	5	4	4	3	5	5	1	2	1	9	0	9	9	9	5	1	0	
1470	4	4	4	5	5	3	5	5	4	4	3	6	4	1	1	1	9	0	7	9	9	6	1	0	
1471	5	5	4	5	5	3	4	4	5	3	3	6	4	1	1	1	7	0	7	9	9	6	1	0	
1472	4	4	4	4	5	3	4	4	4	4	1	5	4	2	5	2	9	0	7	8	9	5	1	0	
1473	5	4	4	5	4	3	5	4	4	4	2	5	4	1	2	1	7	0	9	9	9	7	1	0	
1474	4	4	4	5	5	3	5	5	4	4	2	5	4	2	5	2	7	0	9	8	9	7	1	0	
1475	5	4	4	5	5	3	4	4	5	4	3	5	3	1	2	1	9	0	9	9	9	3	1	0	
1476	4	5	4	6	4	3	5	4	2	4	3	5	4	1	2	3	9	0	9	9	9	8	1	0	
1477	5	6	4	6	4	3	5	4	4	5	5	5	4	1	2	1	9	0	9	9	9	7	1	0	
1478	4	4	4	5	4	3	4	4	4	4	4	5	4	1	2	1	9	0	7	9	9	7	1	0	
1479	5	6	4	5	5	3	5	4	4	3	3	0	3	1	2	1	9	0	7	9	8	5	1	0	
1480	5	5	4	5	4	2	4	3	4	2	1	6	5	2	2	1	9	0	7	9	9	5	1	0	

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
1481	5	5	4	5	5	3	4	4	4	4	2	5	4	2	6	2	9	0	9	9	9	5	1	0
1482	5	5	4	5	4	3	5	5	4	4	3	5	4	2	2	1	9	0	9	9	9	5	1	0
1483	4	5	4	6	4	3	4	4	4	4	4	5	5	1	2	1	9	0	9	9	9	7	1	0
1484	4	5	4	5	5	3	5	4	4	5	4	4	4	1	2	1	9	0	7	9	9	5	1	0
1485	5	4	4	5	4	3	4	4	4	4	3	5	5	2	2	1	9	0	7	9	8	4	1	0
1486	5	4	4	5	5	3	4	4	4	4	5	4	5	1	2	1	9	0	9	9	9	6	1	0
1487	4	4	4	6	4	3	4	4	4	4	4	5	5	1	2	1	9	0	9	9	9	6	1	0
1488	5	6	4	5	5	3	4	4	4	4	4	5	4	2	2	2	9	0	9	9	8	7	1	0
1489	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	9	9	9	5	1	0
1490	5	5	4	6	4	3	5	5	4	4	2	5	5	1	2	1	9	0	9	9	9	7	1	0
1491	4	5	4	4	5	3	3	3	4	3	3	5	5	1	4	1	9	0	9	9	9	5	1	0
1492	4	4	4	4	4	3	5	5	4	3	2	0	4	2	5	2	7	0	9	9	9	7	1	0
1493	5	6	4	4	4	3	3	3	4	4	5	4	4	1	2	1	9	0	9	8	9	5	1	0
1494	5	5	4	5	4	3	4	4	4	4	4	5	5	1	2	1	9	0	7	9	9	5	1	0
1495	4	5	4	4	4	3	3	3	4	3	6	5	4	1	4	1	9	0	9	9	9	5	1	0
1496	5	6	4	5	4	3	4	3	4	4	6	4	4	1	2	1	9	0	9	9	9	5	1	0
1497	5	5	4	5	4	3	4	3	4	4	3	5	4	1	2	1	9	0	7	9	9	5	1	0
1498	5	5	4	5	4	3	4	3	4	3	2	5	4	2	4	2	9	0	9	9	9	7	1	0
1499	5	5	4	6	4	3	5	5	3	5	3	5	5	1	4	1	9	0	7	9	8	7	1	0
1500	5	6	4	5	5	2	5	5	4	5	2	5	5	1	1	1	9	0	7	9	9	6	1	0
1501	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
1502	4	4	4	6	4	3	4	3	3	4	1	5	5	1	4	1	9	0	0	0	0	0	0	0
1503	5	6	4	6	4	3	5	4	3	3	2	5	5	1	4	1	9	0	9	9	9	6	1	0
1504	5	5	4	5	4	3	5	4	4	4	3	5	5	1	4	1	9	0	9	9	9	5	1	0
1505	4	4	4	6	4	3	5	4	4	4	5	5	4	1	2	1	9	0	9	8	8	6	1	0
1506	4	4	4	6	4	3	5	4	4	4	6	5	4	1	2	1	9	0	7	9	8	6	1	0
1507	5	5	4	6	5	3	4	4	4	4	3	5	7	1	4	1	9	0	9	9	9	9	1	0
1508	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
1509	5	4	4	6	5	3	5	4	3	4	4	5	5	1	4	1	9	0	9	9	9	5	1	0
1510	4	4	4	6	4	3	5	5	4	4	2	6	3	2	4	2	7	0	9	9	9	5	1	0
1511	4	4	4	5	4	3	5	5	4	4	2	0	4	2	5	2	9	0	7	9	9	5	1	0
1512	5	4	4	5	4	3	5	5	4	4	3	5	5	1	2	1	7	0	9	9	9	5	1	0
1513	4	4	4	6	2	3	4	4	4	4	2	5	5	1	2	1	9	0	9	9	9	5	1	0
1514	5	5	4	6	4	3	5	4	4	3	3	5	5	1	2	1	9	0	7	9	9	5	1	0
1515	5	6	4	6	3	3	5	4	4	4	3	5	5	1	2	1	9	0	9	9	9	6	1	0
1516	4	4	4	5	4	3	5	5	5	4	3	0	4	1	2	1	9	0	9	9	9	7	1	0
1517	4	3	4	5	5	3	4	4	4	3	3	0	4	2	4	2	9	0	9	9	9	6	1	0
1518	4	4	4	5	4	3	5	5	4	4	2	6	4	2	2	2	9	0	9	9	9	7	1	0
1519	4	4	4	6	4	3	5	5	5	4	2	6	4	2	2	2	9	0	9	9	9	7	1	0
1520	4	5	4	5	4	3	5	5	4	3	1	6	3	2	2	2	9	0	9	9	9	6	1	0

## 270 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	NER
1521	4	5	4	6	4	3	5	4	4	3	2	6	4	2	2	2	9	0	9	8	9	5	1	0
1522	4	4	4	5	5	3	5	4	4	3	2	6	3	2	4	2	9	0	9	9	9	5	1	0
1523	4	5	4	6	4	3	4	4	4	3	2	6	4	2	4	2	9	0	9	9	9	5	1	0
1524	4	5	4	5	4	3	4	4	4	3	2	5	4	2	4	2	9	0	9	8	9	5	1	0
1525	4	3	4	5	5	3	5	5	4	4	1	5	4	2	5	2	7	0	9	8	9	5	1	0
1526	4	4	4	6	4	3	4	4	4	3	4	5	4	2	4	2	9	0	9	9	9	7	1	0
1527	4	4	4	5	5	3	5	5	4	4	2	0	4	1	2	1	7	0	9	9	9	7	1	0
1528	4	3	4	5	3	3	5	5	5	4	3	5	3	2	2	2	9	0	7	9	9	7	1	0
1529	4	4	4	6	5	3	5	5	4	4	3	0	2	2	2	2	9	0	9	9	9	7	1	0
1530	4	3	4	6	4	3	5	5	5	4	3	5	3	2	2	2	9	0	7	9	9	7	1	0
1531	4	4	4	6	4	3	4	4	4	3	3	6	3	1	2	1	9	0	9	9	9	6	1	0
1532	4	3	4	4	5	3	5	5	5	4	2	6	2	2	5	2	8	0	9	9	9	5	1	0
1533	4	3	4	5	4	3	5	4	4	3	4	0	2	1	2	1	9	0	7	9	9	6	1	0
1534	4	4	4	5	3	3	5	5	5	3	2	6	2	2	5	2	8	0	9	9	9	7	1	0
1535	4	4	4	5	5	3	5	5	4	4	3	0	3	2	1	2	9	0	9	8	9	8	1	0
1536	4	4	4	6	4	3	5	4	4	3	5	6	3	2	5	2	9	0	9	6	8	5	1	0
1537	4	5	4	4	5	3	5	5	4	4	5	6	3	2	1	2	9	0	9	9	9	6	1	0
1538	4	4	4	5	4	3	5	5	5	4	5	6	3	2	5	2	9	0	9	9	8	5	1	0
1539	4	3	4	5	3	3	5	5	4	4	2	5	6	1	1	2	9	0	7	9	9	6	1	0
1540	4	3	4	5	5	3	5	5	5	4	3	6	4	2	1	2	9	0	9	8	9	5	1	0
1541	5	5	4	5	5	3	5	5	4	4	3	6	5	1	4	1	9	0	7	8	9	5	1	0
1542	4	5	4	5	4	3	5	5	4	4	3	5	5	2	5	2	9	0	9	8	9	7	1	0
1543	6	6	5	5	5	3	4	4	4	3	1	6	4	1	1	1	9	0	7	9	9	6	1	0
1544	6	6	5	5	4	3	5	5	4	4	2	6	4	2	1	2	9	0	5	9	9	5	1	0
1545	5	4	4	5	4	3	5	5	4	4	3	5	5	1	2	1	9	0	7	9	9	6	1	0
1546	5	6	4	6	4	3	5	5	4	4	2	5	5	1	2	1	9	0	7	9	9	5	1	0
1547	5	6	4	6	5	3	5	4	4	4	3	5	5	1	1	1	9	0	9	9	9	9	1	0
1548	5	5	4	5	5	3	5	4	4	5	5	4	5	1	1	1	9	0	9	9	9	7	1	0
1549	5	5	4	5	4	3	4	3	4	3	4	5	4	1	4	1	9	0	7	8	9	7	1	0
1550	6	6	4	5	5	3	5	5	5	4	1	6	4	2	2	1	9	0	7	9	9	5	1	0
1551	6	6	4	5	4	3	5	5	5	4	2	6	4	2	2	1	9	0	7	9	9	7	1	0
1552	5	5	4	4	5	3	4	4	5	4	5	5	4	1	2	1	9	0	7	9	9	7	1	0
1553	5	4	4	5	5	3	5	5	5	4	5	5	5	2	5	2	9	0	7	9	9	6	1	0
1554	6	6	4	4	5	3	5	4	5	3	1	0	5	1	2	1	9	0	5	8	9	5	1	0
1555	6	6	4	4	5	3	4	5	5	3	2	6	4	2	2	1	9	0	7	9	9	7	1	0
1556	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
1557	6	6	4	4	5	3	5	5	5	4	2	6	5	2	2	1	9	0	7	9	9	5	1	0
1558	5	5	4	5	5	3	4	4	4	4	2	4	5	1	4	1	9	0	9	7	9	8	1	0
1559	5	6	4	5	5	3	4	4	4	4	3	5	4	1	2	1	9	0	7	8	9	5	1	0
1560	5	5	4	4	5	3	4	5	5	4	3	5	3	1	1	1	7	0	7	9	9	6	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	H/W	PRO	SS	SCO	SRO	AB	FW	LN	CC	CW	COL	IDC	HER
1561	6	5	4	4	5	2	3	4	5	3	2	5	4	2	2	1	9	0	7	9	9	5	1	0
1562	4	4	4	5	5	3	5	5	4	4	2	5	4	1	2	1	7	0	9	9	9	8	1	0
1563	4	4	4	6	4	3	5	5		4	2	6	4	2	5	2	9	0	9	9	9	6	1	0
1564	5	5	4	4	5	3	5	5	4	4	2	5	5	1	2	1	9	0	9	9	9	5	1	0
1565	4	5	4	6	4	3	5	5	4	4	1	6	5	1	2	1	9	0	7	9	9	5	1	0
1566	6	6	5	4	3	3	5	5	5	4	1	6	4	1	2	1	9	0	7	9	9	6	1	0
1567	5	5	4	4	5	3	5	5	4	5	3	5	5	1	4	1	9	0	9	9	9	5	1	0
1568	4	6	4	4	5	3	5	5	4	4	1	0	4	1	2	1	9	0	7	9	9	5	1	0
1569	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
1570	4	4	4	4	5	3	5	4	4	3	1	6	4	1	2	1	7	0	9	8	9	6	1	0
1571	4	4	4	5	5	3	5	4	4	4	2	5	4	2	5	2	9	0	7	9	9	6	1	0
1572	5	5	4	4	5	3	5	5	4	4	3	6	4	2	2	2	9	0	7	8	9	7	1	0
1573	5	5	4	4	5	3	3	3	4	5	9	4	4	1	4	1	9	0	9	8	9	5	1	0
1574	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
1575	5	6	4	5	6	3	4	3	4	3	2	5	5	1	2	1	9	0	7	9	9	5	1	0
1576	6	5	4	5	5	3	5	5	5	5	9	5	6	1	1	1	9	0	9	9	9	5	1	0
1577	5	5	4	4	6	3	4	4	4	3	3	6	5	1	1	1	9	0	7	9	9	7	1	0
1578	6	6	5	6	4	3	5	5	4	4	2	6	5	2	2	1	9	0	7	9	9	5	1	0
1579	4	5	4	5	5	3	5	5	4	3	1	6	5	2	5	2	9	0	7	9	9	7	1	0
1580	5	6	5	4	5	3	5	5	5	4	3	0	5	1	2	1	9	0	9	9	9	7	1	0
1581	4	4	4	4	4	3	4	4	4	3	1	0	5	2	5	2	7	0	9	8	9	6	1	0
1582	4	5	5	5	4	3	4	5	5	5	8	5	4	1	1	1	9	0	9	8	9	8	1	0
1583	4	4	4	4	5	3	5	5	5	4	2	0	5	2	5	2	7	0	9	9	9	7	1	0
1584	5	5	4	4	4	3	5	4	4	3	3	6	5	1	2	1	7	0	9	9	9	7	1	0
1585	4	5	4	5	5	3	4	4	4	2	2	0	5	2	5	2	7	0	9	8	9	7	1	0
1586	5	5	4	5	4	3	4	4	4	3	4	5	4	1	2	1	7	0	9	9	9	7	1	0
1587	5	5	4	4	5	3	5	4	4	3	3	6	5	1	2	1	9	0	7	6	9	7	1	0
1588	4	4	4	4	5	3	5	5	5	4	2	6	4	2	5	2	7	0	9	9	9	7	1	0
1589	5	6	4	5	5	3	5	4	3	3	3	6	4	2	5	2	9	0	9	9	9	7	1	0
1590	5	5	4	5	5	3	5	5	4	4	3	0	5	1	1	1	7	0	9	9	9	7	1	0
1591	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
1592	4	4	4	4	5	3	4	4	4	3	2	5	4	2	5	2	7	0	9	9	8	7	1	0
1593	5	4	4	5	5	3	4	4	4	3	3	6	4	1	1	1	9	0	9	9	9	7	1	0
1594	5	5	4	4	6	3	5	4	4	4	3	5	4	1	1	1	9	0	9	9	9	5	1	0
1595	4	4	4	4	4	3	4	4	4	3	3	6	5	2	4	1	9	0	7	6	9	7	1	0
1596	4	4	4	5	4	3	5	5	4	3	2	6	4	2	5	2	9	0	9	8	9	7	1	0
1597	5	5	4	4	5	3	4	3	4	4	3	5	4	1	2	1	9	0	9	9	9	9	1	0
1598	5	5	4	4	5	3	5	4	4	3	2	0	3	2	5	2	7	0	7	9	9	7	1	0
1599	5	6	4	5	4	3	5	5	4	4	3	0	4	1	1	1	7	0	7	9	9	6	1	0
1600	4	5	4	5	4	3	4	4	4	3	2	0	3	2	5	2	7	0	9	9	9	7	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CW	COL	IDC	HER
1601	4	4	4	4	5	3	4	4	4	3	3	5	4	1	1	1	7	0	9	8	9	7	1	0
1602	4	4	4	4	5	3	4	4	4	3	2	5	3	2	5	2	9	0	9	9	9	7	1	0
1603	4	5	4	4	5	3	4	4	4	3	2	5	5	1	2	1	7	0	9	8	9	6	1	0
1604	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
1605	4	5	4	4	6	3	5	4	4	4	3	5	4	1	4	1	7	0	9	8	9	7	1	0
1606	5	4	4	4	5	3	6	5	4	4	3	0	5	1	1	1	9	0	9	9	9	5	1	0
1607	5	6	4	5	4	3	5	5	5	4	2	0	4	1	1	1	9	0	9	9	9	7	1	0
1608	4	3	4	5	5	3	5	5	5	4	3	6	5	1	1	1	7	0	9	9	9	5	1	0
1609	4	6	4	5	5	3	5	4	4	3	2	0	4	2	5	2	7	0	9	9	9	7	1	0
1610	5	4	4	5	5	3	5	5	4	4	3	6	5	1	2	1	7	0	9	9	9	7	1	0
1611	4	4	4	5	6	3	5	5	4	3	2	0	4	2	5	2	7	0	9	8	9	5	1	0
1612	5	5	4	5	5	3	5	5	4	4	3	0	4	1	1	1	7	0	9	9	9	7	1	0
1613	4	5	4	5	5	3	6	6	4	5	2	5	5	2	5	2	7	0	9	7	9	7	1	0
1614	5	5	4	5	4	3	5	5	4	4	2	6	5	1	1	1	7	0	9	8	9	5	1	0
1615	4	4	4	4	5	3	4	4	5	3	3	6	4	2	5	2	7	0	9	9	8	7	1	0
1616	4	5	4	5	5	3	5	5	5	4	4	0	5	1	1	1	7	0	9	9	9	7	1	0
1617	4	4	4	5	4	3	5	5	5	4	2	6	3	2	5	2	5	0	9	8	9	7	1	0
1618	5	5	4	5	4	3	5	4	4	4	3	5	4	1	1	1	7	0	9	9	9	7	1	0
1619	4	3	4	5	5	3	4	4	5	3	3	6	3	2	5	2	7	0	9	8	9	8	1	0
1620	4	4	4	5	4	3	3	3	4	2	2	5	4	1	2	1	7	0	7	9	9	7	1	0
1621	4	4	4	4	6	3	4	4	4	3	2	5	4	2	4	2	9	0	9	8	9	7	1	0
1622	4	4	4	4	5	3	5	4	4	3	3	0	4	1	1	1	7	0	9	8	9	7	1	0
1623	4	5	4	6	4	3	5	5	5	4	4	6	5	1	2	1	7	0	7	8	9	7	1	0
1624	4	3	4	4	5	3	4	4	4	3	3	6	3	1	5	1	7	0	7	9	9	7	1	0
1625	4	5	4	5	6	3	5	5	4	4	4	5	4	1	2	1	7	0	9	9	9	7	1	0
1626	4	4	4	4	5	3	4	4	4	3	4	0	4	1	2	1	9	0	9	8	9	7	1	0
1627	4	4	4	6	4	3	5	5	4	3	3	6	4	1	2	1	7	0	7	8	9	7	1	0
1628	4	4	4	5	5	3	4	4	4	3	3	5	3	2	5	2	9	0	9	7	9	7	1	0
1629	4	4	4	4	6	3	4	4	4	2	2	6	4	1	2	1	7	0	7	9	9	7	1	0
1630	4	4	4	6	5	3	4	4	4	2	2	6	4	2	5	2	7	0	7	9	9	7	1	0
1631	4	4	4	5	4	3	4	4	4	3	3	6	4	1	1	1	7	0	9	9	9	7	1	0
1632	4	4	4	5	6	3	5	4	4	3	3	6	4	2	5	2	9	0	7	9	9	7	1	0
1633	4	5	4	4	4	3	4	4	4	3	3	5	4	1	2	1	7	0	7	9	9	7	1	0
1634	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
1635	4	4	4	5	6	3	4	4	4	3	2	5	5	1	2	1	7	0	7	8	9	6	1	0
1636	4	4	4	4	5	3	4	4	4	3	2	6	4	1	2	1	7	0	7	8	9	7	1	0
1637	4	5	4	5	4	3	5	5	4	4	3	0	4	1	4	1	9	0	7	8	9	7	1	0
1638	4	4	5	4	5	3	5	5	4	4	2	5	4	2	5	2	9	0	9	9	9	5	1	0
1639	4	5	4	3	5	3	4	4	4	3	4	6	4	1	1	1	9	0	7	9	9	7	1	0
1640	4	3	4	2	4	3	5	4	4	4	3	5	4	2	5	1	9	0	9	9	9	7	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
1641	4	5	4	5	4	3	4	3	4	2	3	0	4	1	1	1	9	0	9	9	9	7	1	0
1642	4	5	4	5	4	3	5	5	4	4	3	0	5	1	2	1	9	0	9	9	9	6	1	0
1643	4	4	4	5	5	3	4	4	5	3	2	0	4	2	5	2	9	0	9	8	8	7	1	0
1644	4	5	4	5	4	3	4	4	4	3	2	6	5	1	1	1	9	0	7	7	9	6	1	0
1645	5	6	4	5	4	3	5	5	4	4	3	6	6	1	2	1	9	0	9	7	9	8	1	0
1646	5	6	4	4	5	3	5	5	5	3	3	6	5	1	1	1	9	0	9	9	9	5	1	0
1647	5	5	4	4	6	3	4	4	4	3	2	0	4	2	5	2	7	0	9	8	9	7	1	0
1648	5	4	4	5	5	3	4	4	4	3	2	5	5	1	1	1	7	0	9	8	9	7	1	0
1649	4	4	4	5	4	3	4	4	4	3	3	0	5	1	1	1	7	0	9	8	9	7	1	0
1650	4	4	4	5	4	3	4	4	3	2	1	6	4	2	5	2	9	0	9	8	9	7	1	0
1651	5	5	4	6	5	3	5	5	5	4	2	0	4	1	1	1	7	0	9	9	9	7	1	0
1652	4	4	4	5	4	3	4	4	5	5	1	5	3	1	1	1	7	0	9	9	9	5	1	0
1653	3	5	4	5	5	3	5	4	4	3	3	6	4	1	1	1	7	0	9	9	9	7	1	0
1654	4	5	4	5	6	3	5	5	5	3	2	6	5	2	5	2	9	0	9	8	9	7	1	0
1655	5	5	4	5	6	3	4	4	5	3	3	6	3	1	2	1	7	0	7	8	9	7	1	0
1656	4	3	4	3	5	3	5	5	5	4	2	6	3	2	5	2	9	0	7	9	9	7	1	0
1657	5	5	5	5	4	3	5	5	5	4	3	6	5	1	1	1	7	0	9	9	9	7	1	0
1658	4	4	4	4	5	3	5	5	4	3	2	6	4	2	5	2	9	0	7	8	9	7	1	0
1659	5	5	4	4	5	3	6	5	4	4	2	6	4	1	2	1	7	0	9	9	9	7	1	0
1660	4	4	4	3	5	3	4	4	5	2	1	6	4	2	5	2	7	0	9	9	9	7	1	0
1661	5	5	4	4	4	3	5	4	4	3	2	6	4	1	1	1	7	0	7	9	9	7	1	0
1662	4	3	4	4	5	3	4	4	5	3	1	0	4	2	5	2	7	0	9	9	9	7	1	0
1663	4	5	4	4	5	3	5	5	4	4	3	5	4	1	1	1	7	0	9	9	9	7	1	0
1664	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
1665	4	3	4	4	5	2	5	5	4	3	2	6	6	1	1	1	7	0	9	9	9	7	1	0
1666	4	5	4	4	4	2	5	5	5	4	2	6	3	2	5	2	7	0	9	9	9	6	1	0
1667	4	3	4	4	4	3	5	5	4	4	2	6	3	1	1	1	7	0	9	9	8	7	1	0
1668	4	4	4	2	5	3	5	5	4	4	3	5	5	2	5	2	9	0	9	7	9	5	1	0
1669	4	5	4	5	5	3	5	5	5	4	4	0	5	1	1	1	7	0	9	9	9	6	1	0
1670	4	4	4	4	4	3	4	4	4	3	2	5	5	2	5	2	9	0	9	9	9	5	1	0
1671	4	3	4	4	5	3	4	4	4	3	2	5	5	1	2	1	7	0	9	9	9	7	1	0
1672	4	3	4	4	5	3	5	5	5	4	1	6	5	2	5	2	7	0	9	8	9	7	1	0
1673	4	3	4	4	5	3	5	5	5	4	3	0	5	1	1	1	7	0	9	7	8	7	1	0
1674	5	5	4	4	5	3	4	4	5	5	3	4	6	1	2	3	7	0	9	8	9	5	1	0
1675	4	3	4	5	5	2	5	4	4	3	3	6	5	2	2	2	6	0	9	9	9	5	1	0
1676	4	4	4	5	5	2	5	4	4	3	3	0	4	2	5	2	9	0	9	9	9	7	1	0
1677	4	4	4	5	5	3	5	5	4	3	2	6	6	1	1	1	7	0	9	7	9	5	1	0
1678	4	4	4	5	4	2	5	5	5	4	3	0	5	2	5	2	7	0	9	8	8	5	1	0
1679	4	4	4	4	5	2	5	5	5	3	2	6	6	2	5	2	7	0	9	9	9	5	1	0
1680	5	5	4	5	4	2	5	5	5	4	3	6	5	1	1	1	7	0	9	7	9	5	1	0

	ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	JDC	HER
1681	4	4	4	4	3	5	2	4	3	4	2	2	6	5	1	2	1	7	0	9	8	9	5	1	0
1682	4	3	4	4	4	5	2	4	4	5	3	2	5	4	2	5	2	7	0	9	8	9	6	1	0
1683	4	4	4	4	3	4	2	4	4	5	4	4	4	5	1	1	1	7	0	9	8	9	5	1	0
1684	4	3	4	4	3	6	2	4	4	4	3	2	5	3	2	5	2	7	0	9	9	9	5	1	0
1685	4	3	4	4	5	4	2	5	5	4	3	3	6	5	1	2	1	7	0	9	9	9	5	1	0
1686	4	3	4	4	3	5	3	4	3	4	2	2	0	4	2	5	2	7	0	9	8	9	5	1	0
1687	4	3	4	4	4	5	2	3	2	4	2	3	5	3	1	1	1	7	0	9	9	8	5	1	0
1688	4	3	4	4	3	5	3	4	4	4	3	2	5	4	2	5	2	7	0	9	9	8	5	1	0
1689	4	5	4	4	5	3	3	5	5	4	4	2	0	4	1	1	1	7	0	9	8	9	6	1	0
1690	4	3	4	4	5	4	3	4	4	4	3	2	0	4	2	5	2	7	0	9	8	9	5	1	0
1691	4	4	4	4	4	5	3	5	5	5	4	3	5	5	2	1	2	7	0	9	9	9	5	1	0
1692	4	3	4	4	4	5	3	4	4	4	3	2	6	4	2	5	2	9	0	9	9	9	7	1	0
1693	5	4	4	4	4	5	3	5	5	5	4	3	0	5	2	1	2	7	0	9	9	9	6	1	0
1694	5	5	4	4	5	3	2	5	4	4	3	3	0	5	2	4	2	9	0	9	9	9	5	1	0
1695	4	4	4	4	5	4	2	5	4	4	4	3	5	5	1	2	1	7	0	9	8	9	5	1	0
1696	4	3	4	4	4	5	3	5	5	4	4	2	5	4	2	5	2	7	0	9	9	9	7	1	0
1697	4	4	4	4	4	5	3	5	5	4	4	3	0	4	1	1	1	7	0	9	9	9	6	1	0
1698	4	3	4	4	5	5	2	4	4	4	3	1	5	4	2	5	2	7	0	9	9	9	6	1	0
1699	4	5	4	4	5	4	2	5	5	4	4	4	5	5	1	1	1	7	0	9	7	9	7	1	0
1700	4	5	5	5	5	5	3	5	5	4	3	3	6	4	1	1	1	5	0	9	8	9	5	1	0
1701	4	4	4	4	5	4	3	4	4	5	3	2	6	5	2	5	2	7	0	9	9	9	5	1	0
1702	4	4	4	4	5	4	3	4	4	4	3	3	0	4	1	1	1	7	0	9	9	9	6	1	0
1703	4	4	4	4	5	4	3	5	4	4	3	2	0	4	2	5	2	9	0	9	7	9	5	1	0
1704	4	5	4	4	5	4	3	5	4	4	3	3	0	5	1	1	1	7	0	9	8	9	7	1	0
1705	4	3	4	4	4	5	3	4	4	4	3	3	0	4	2	5	2	7	0	9	9	9	5	1	0
1706	4	4	4	4	5	4	3	5	5	4	3	3	6	5	1	1	1	7	0	9	8	9	7	1	0
1707	4	3	4	4	5	4	3	4	5	6	4	2	5	4	2	5	2	7	0	9	8	9	5	1	0
1708	4	3	4	4	5	4	3	5	5	4	4	4	0	4	2	1	2	7	0	9	8	9	6	1	0
1709	4	4	4	4	5	5	3	5	5	4	4	3	0	4	2	5	2	7	0	9	6	9	7	1	0
1710	4	3	4	4	4	5	3	4	4	5	3	4	5	4	1	2	1	7	0	9	9	9	7	1	0
1711	4	4	4	4	5	4	3	5	5	4	4	3	5	5	2	5	2	7	0	7	6	9	5	1	0
1712	5	5	4	4	4	4	3	5	5	5	4	3	6	5	1	1	1	7	0	9	6	9	5	1	0
1713	5	5	4	4	6	4	3	5	5	4	4	1	0	5	2	5	2	7	0	9	7	9	5	1	0
1714	5	5	4	4	5	5	3	6	6	4	5	2	5	4	1	2	1	7	0	9	9	9	5	1	0
1715	5	5	4	4	5	4	3	5	5	4	4	2	6	4	2	5	2	7	0	9	6	9	8	1	0
1716	6	6	5	4	4	5	3	6	6	5	5	1	6	5	1	1	1	7	0	9	8	9	7	1	0
1717	5	5	5	5	5	4	3	6	7	8	6	3	6	5	2	5	2	7	0	9	6	9	7	1	0
1718	5	5	5	5	5	4	3	5	5	4	4	3	6	5	1	1	1	7	0	9	8	9	5	1	0
1719	5	5	5	5	6	5	3	5	5	4	4	3	0	6	2	5	2	7	0	9	9	9	7	1	0
1720	5	5	5	5	5	4	3	5	5	4	3	3	6	4	1	2	1	7	0	7	8	9	7	1	0



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/H	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
1721	4	4	4	4	4	3	5	5	4	4	2	5	3	1	1	1	9	0	9	8	9	6	1	0
1722	4	4	4	5	5	3	4	4	5	3	2	0	5	1	1	1	7	0	9	9	9	5	1	0
1723	4	4	4	4	5	3	5	5	5	4	2	5	5	2	5	2	6	0	9	8	9	6	1	0
1724	4	4	4	4	5	3	5	5	5	4	3	5	5	1	2	1	7	0	9	8	8	5	1	0
1725	4	4	4	4	4	3	4	4	4	4	2	5	4	2	5	2	7	0	9	8	9	6	1	0
1726	4	3	4	5	5	.	4	4	4	3	3	5	5	1	1	1	7	0	9	8	9	9	1	0
1727	4	4	4	5	4	2	4	5	5	4	3	5	4	2	5	2	7	0	9	7	9	6	1	0
1728	4	4	4	5	4	3	5	4	4	3	2	0	4	2	2	2	5	0	9	9	3	5	1	0
1729	5	4	4	5	5	3	5	4	4	3	2	6	4	2	5	2	7	0	9	9	9	7	1	0
1730	4	3	4	4	5	3	5	4	4	3	2	6	3	2	5	2	7	0	7	9	9	6	1	0
1731	4	4	4	4	5	3	4	4	4	3	3	5	5	1	2	1	7	0	9	6	9	7	1	0
1732	4	3	4	4	5	3	4	4	4	3	3	0	4	2	2	2	7	0	9	7	9	5	1	0
1733	4	3	4	4	5	3	4	5	5	4	2	5	4	2	5	2	7	0	9	8	9	5	1	0
1734	4	4	4	5	4	3	4	4	5	3	2	5	3	2	1	2	7	0	9	6	9	5	1	0
1735	4	3	4	4	5	3	4	4	5	3	2	5	3	2	5	2	7	0	9	9	9	5	1	0
1736	4	3	4	4	6	3	5	5	5	4	2	0	3	1	1	1	7	0	9	8	9	5	1	0
1737	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	7	0	0	0	0	0	0	0
1738	4	4	4	4	5	3	5	5	4	3	3	0	4	1	1	1	7	0	9	9	9	7	1	0
1739	4	4	4	5	5	3	5	5	4	4	2	5	3	2	5	2	7	0	9	9	9	5	1	0
1740	5	5	4	5	4	3	5	5	4	4	3	5	4	1	1	1	7	0	9	9	9	5	1	0
1741	4	4	4	5	5	3	5	5	4	4	2	5	4	2	5	2	7	0	9	8	9	5	1	0
1742	4	3	4	4	4	3	5	5	4	4	3	0	4	1	1	1	7	0	9	8	9	5	1	0
1743	4	4	4	5	4	3	5	5	4	4	3	5	3	2	4	2	7	0	9	9	9	5	1	0
1744	5	4	4	3	5	3	4	4	4	3	2	5	4	1	1	1	7	0	9	9	9	5	1	0
1745	4	5	4	5	6	3	4	4	4	3	3	5	3	2	5	2	7	0	9	8	9	6	1	0
1746	4	4	4	4	4	3	5	5	4	4	2	0	4	1	1	1	7	0	9	9	9	7	1	0
1747	4	4	4	3	6	3	4	4	4	3	1	5	3	2	5	2	7	0	9	9	9	6	1	0
1748	4	3	4	4	5	3	5	5	4	4	3	5	0	1	1	1	7	0	9	7	9	5	1	0
1749	4	3	4	4	5	3	5	5	4	4	2	5	4	2	5	2	7	0	9	9	9	5	1	0
1750	4	4	4	4	5	3	4	4	4	3	3	5	3	1	2	1	7	0	9	9	9	6	1	0
1751	4	4	4	5	4	2	5	5	4	4	2	5	3	2	5	2	7	0	7	7	9	5	1	0
1752	4	5	4	4	5	3	5	4	4	3	3	0	3	2	2	1	9	0	9	9	9	7	1	0
1753	4	4	4	4	4	3	5	5	5	4	3	0	2	2	5	2	7	0	9	9	9	6	1	0
1754	5	5	4	3	5	3	5	5	5	4	2	6	4	1	2	1	9	0	9	8	9	7	1	0
1755	5	4	4	5	4	3	4	4	4	3	2	0	3	1	2	1	7	0	9	8	9	6	1	0
1756	4	4	4	4	5	2	5	5	5	4	2	0	3	2	5	2	7	0	9	8	9	7	1	0
1757	4	4	4	4	5	3	4	4	4	3	2	6	4	2	2	2	5	0	9	8	9	5	1	0
1758	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
1759	5	4	4	3	6	3	3	3	4	4	3	4	4	1	2	1	9	0	9	8	8	6	1	0
1760	5	5	4	4	5	3	5	5	4	5	5	4	4	1	1	1	7	0	9	7	8	7	1	0

## 276 Catalog of Chickpea Germplasm

ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SFO	AB	FW	LM	CC	CN	COL	IDC	HER
1761	4	3	5	6	3	3	7	7	4	5	1	6	3	1	2	1	9	0	9	9	9	8	1	0
1762	5	5	5	3	5	2	3	4	6	5	3	3	3	1	4	1	9	0	9	9	9	7	1	0
1763	4	4	4	5	4	3	5	5	4	4	2	0	4	2	1	2	9	0	9	9	9	7	1	0
1764	5	5	5	4	5	2	4	5	7	6	4	3	3	1	4	1	9	0	9	9	8	9	1	0
1765	5	3	4	2	6	2	4	4	5	5	4	3	4	1	4	1	9	0	9	8	9	5	1	0
1766	5	5	4	3	6	2	3	3	5	5	3	3		1	4	1	9	0	9	9	9	6	1	0
1767	5	6	5	5	6	2	4	4	5	5	3	3	3	1	4	1	9	0	9	9	9	4	1	0
1768	5	5	4	3	6	2	4	4	5	5	5	3	3	1	4	1	9	0	9	9	9	6	1	0
1769	5	5	5	2	6	2	4	6	8	6	5	2	4	1	2	1	9	0	9	9	9	6	1	0
1770	5	5	5	5	5	3	3	3	7	6	5	3	4	1	4	1	9	0	9	9	8	9	1	0
1771	6	6	5	5	4	3	3	5	6	6	3	3	3	1	4	1	9	0	9	9	9	5	1	0
1772	4	3	4	5	5	3	5	4	4	4	4	5	4	1	2	1	9	0	7	9	9	5	1	0
1773	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
1774	5	6	5	4	5	3	3	4	5	5	4	3	3	1	4	1	9	0	9	9	9	7	1	0
1775	5	5	6	5	5	3	4	6	7	6	2	4	3	1	4	1	9	0	9	8	9	8	1	0
1776	5	5	5	5	4	3	4	4	4	3	2	0	4	1	3	3	9	0	7	9	8	7	1	0
1777	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
1778	5	5	5	5	5	3	3	5	7	5	4	4	3	1	4	1	9	0	7	9	9	9	1	0
1779	5	5	4	5	5	3	4	4	5	4	3	4	4	1	2	1	9	0	9	9	9	9	1	0
1780	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	9	0	9	7	0	0
1781	4	3	4	3	4	3	4	4	4	3	2	5	4	1	4	1	5	0	9	9	9	7	1	0
1782	5	5	5	4	5	3	3	3	5	5	5	4	3	1	4	1	9	0	9	9	9	8	1	0
1783	5	5	4	5	5	3	3	3	4	4	3	4	3	1	4	1	9	0	7	8	9	7	1	0
1784	5	6	5	4	5	3	4	4	6	4	3	5	1	1	4	1	9	0	5	9	8	5	1	0
1785	5	5	5	6	4	2	4	5	6	5	3	5	1	1	4	1	9	0	7	9	9	7	1	0
1786	4	5	4	5	4	3	4	4	4	5	2	4	4	1	1	1	9	0	9	9	9	6	1	0
1787	4	4	4	5	3	3	5	4	3	4	3	5	3	1	2	1	9	0	7	9	9	9	1	0
1788	4	4	4	5	4	3	3	3	4	4	3	4	3	1	4	1	9	0	9	9	9	7	1	0
1789	4	5	4	4	4	3	4	3	4	4	3	5	3	1	2	1	9	0	9	9	8	5	1	0
1790	5	5	4	4	5	3	6	5	4	5	3	5	5	1	4	1	9	0	9	9	9	6	1	0
1791	5	5	4	6	4	3	4	4	4	5	3	4	3	1	2	1	9	0	9	8	8	7	1	0
1792	5	4	4	6	4	3	3	3	4	4	2	4	4	1	4	1	9	0	7	9	9	8	1	0
1793	4	3	4	5	4	3	4	4	4	4	3	5	4	2	4	2	7	0	9	6	9	8	1	0
1794	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
1795	5	5	5	3	6	2	2	3	6	5	4	2	4	1	4	1	9	0	9	9	9	8	1	0
1796	5	5	5	4	5	2	3	3	5	5	3	4	4	1	2	1	7	0	9	8	9	5	1	0
1797	5	5	5	4	5	2	4	5	6	6	4	2	4	1	4	1	9	0	7	9	9	6	1	0
1798	4	6	5	6	4	3	5	5	4	5	3	4	3	1	4	1	9	0	9	9	9	8	1	0
1799	5	5	4	5	4	4	4	3	3	5	4	4	4	1	2	1	9	0	9	9	8	7	1	0
1800	4	3	4	6	4	3	4	4	4	4	2	4	5	1	2	3	9	0	9	9	9	7	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/N	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
1801	5	5	4	5	5	3	4	4	4	5	2	4	3	1	4	3	9	0	9	9	8	7	1	0
1802	4	3	4	4	5	3	4	3	4	5	4	4	4	1	4	3	9	0	7	9	9	9	1	0
1803	4	5	4	5	5	3	4	4	4	5	2	4	4	1	4	1	9	0	9	9	9	7	1	0
1804	5	4	4	5	5	3	4	4	4	4	2	5	3	1	4	1	9	0	9	9	9	7	1	0
1805	5	4	4	6	4	3	4	4	4	3	2	0	4	2	2	2	9	0	9	9	9	5	1	0
1806	4	4	4	6	3	3	5	5	5	4	2	6	3	1	2	1	9	0	9	9	9	6	1	0
1807	4	5	4	4	5	3	3	3	4	3	5	5	4	1	2	3	9	0	9	9	9	5	1	0
1808	5	5	4	5	4	4	3	3	4	3	4	5	5	1	4	1	9	0	9	9	9	5	1	0
1809	4	4	4	5	4	3	4	4	4	3	2	0	4	2	2	1	9	0	7	9	9	6	1	0
1810	4	4	4	6	4	3	4	4	4	4	2	5	4	2	2	1	9	0	9	9	9	5	1	0
1811	5	4	4	5	4	3	4	1	4	2	3	6	3	2	2	1	9	0	9	9	9	6	1	0
1812	5	5	4	6	4	3	5	5	4	4	3	5	4	1	2	1	9	0	9	9	9	5	1	0
1813	4	4	4	4	5	3	4	3	4	2	2	0	4	1	2	1	9	0	9	8	9	5	1	0
1814	4	4	4	4	5	3	4	4	4	3	2	5	4	1	2	1	9	0	9	9	9	5	1	0
1815	4	4	4	5	4	3	4	4	5	3	2	0	4	2	2	1	9	0	9	9	9	8	1	0
1816	4	3	4	4	4	3	3	3	4	2	3	0	3	1	2	1	9	0	9	9	7	6	1	0
1817	4	3	4	4	5	3	3	3	4	3	3	5	3	2	4	2	9	0	7	9	9	6	1	0
1818	5	5	4	5	5	3	4	4	4	3	3	0	4	1	1	1	9	0	7	9	9	5	1	0
1819	4	4	4	5	4	3	5	5	4	4	2	5	4	2	2	1	9	0	9	9	9	9	1	0
1820	4	3	4	5	4	3	4	4	4	3	2	6	4	1	2	1	9	0	9	9	9	7	1	0
1821	4	4	4	5	5	3	4	4	4	3	2	0	4	2	2	1	9	0	9	9	9	5	1	0
1822	4	5	4	4	5	3	5	4	4	3	2	5	4	1	2	1	9	0	9	9	9	5	1	0
1823	5	5	4	6	3	3	5	4	4	4	2	5	4	1	2	1	9	0	9	9	9	5	1	0
1824	4	5	4	5	5	3	5	4	4	3	2	5	5	2	2	1	7	0	9	9	9	5	1	0
1825	5	5	4	5	5	3	5	5	4	4	2	5	5	2	2	1	7	0	9	9	8	5	1	0
1826	5	5	4	5	4	3	5	5	4	4	2	5	4	2	2	1	9	0	9	9	9	5	1	0
1827	5	4	4	6	4	3	6	6	4	5	2	5	4	2	2	1	9	0	9	9	9	9	1	0
1828	5	5	4	5	4	3	5	5	4	4	4	0	4	2	2	2	9	0	9	9	9	9	1	0
1829	4	5	4	6	4	3	5	5	4	4	3	6	5	2	2	2	9	0	9	9	9	7	1	0
1830	4	4	5	5	4	3	5	5	5	4	4	5	4	1	2	1	9	0	9	9	9	6	1	0
1831	5	5	4	5	4	3	5	4	4	3	3	0	3	1	2	1	9	0	9	9	9	5	1	0
1832	5	5	4	3	6	3	3	4	5	4	5	5	4	1	2	1	9	0	9	9	9	5	1	0
1833	5	5	4	5	4	3	5	5	5	4	3	0	4	1	2	1	9	0	9	9	9	5	1	0
1834	5	5	4	4	4	3	3	3	4	3	3	5	4	1	2	1	9	0	9	9	9	5	1	0
1835	5	6	4	5	5	3	4	4	4	3	2	5	3	1	1	1	9	0	9	8	9	5	1	0
1836	5	6	4	4	5	3	4	3	4	1	2	6	4	2	2	1	9	0	9	9	9	5	1	0
1837	4	4	4	4	4	3	4	3	4	2	2	5	5	1	2	1	9	0	9	9	9	5	1	0
1838	5	5	4	5	5	3	4	4	4	3	2	6	5	1	2	1	9	0	9	9	8	5	1	0
1839	4	5	4	4	4	3	4	4	4	3	2	5	5	1	2	1	7	0	9	8	9	5	1	0
1840	5	5	4	5	4	3	4	4	5	4	1	0	5	2	2	1	7	0	9	9	9	6	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
1841	4	4	4	4	5	3	4	4	4	3	1	0	5	1	2	1	9	0	9	9	9	8	1	0
1842	4	4	4	5	5	3	5	4	4	3	3	0	4	1	2	1	9	0	9	9	9	6	1	0
1843	5	5	4	5	5	3	4	4	5	3	3	0	3	2	2	1	9	0	9	9	9	5	1	0
1844	5	5	4	5	5	3	5	5	5	4	3	5	4	1	2	1	9	0	9	9	9	5	1	0
1845	4	4	4	4	5	3	5	4	4	4	1	5	5	1	2	1	9	0	9	9	9	5	1	0
1846	4	5	4	5	4	3	4	4	4	3	3	5	4	1	2	1	9	0	9	8	9	6	1	0
1847	5	5	4	6	4	3	5	5	4	4	3	0	4	1	2	1	9	0	9	9	9	6	1	0
1848	4	4	4	4	5	3	4	4	4	3	2	0	5	1	2	1	9	0	9	9	9	5	1	0
1849	5	5	4	4	5	3	4	4	4	3	3	5	4	1	2	1	9	0	7	9	9	7	1	0
1850	4	4	4	4	5	3	5	4	4	3	2	0	4	1	2	1	9	0	9	9	9	8	1	0
1851	5	5	4	5	4	3	5	4	4	4	4	5	4	2	2	1	9	0	9	9	9	6	1	0
1852	3	3	4	4	4	3	4	4	4	3	3	5	4	1	2	1	9	0	9	9	9	9	1	0
1853	4	4	4	4	4	3	4	4	4	3	1	5	4	2	2	1	9	0	9	9	9	5	1	0
1854	4	3	4	5	4	3	2	3	5	3	2	5	3	1	4	3	9	0	9	9	9	7	1	0
1855	4	4	4	5	5	3	5	5	4	4	2	5	4	2	2	1	9	0	9	9	9	5	1	0
1856	4	5	4	4	4	3	4	4	4	3	1	5	5	1	2	1	9	0	9	9	9	5	1	0
1857	4	3	4	5	4	3	4	4	4	4	3	5	4	1	2	3	9	0	9	9	9	8	1	0
1858	5	5	4	4	5	3	4	4	4	2	1	6	5	2	2	1	9	0	9	9	9	5	1	0
1859	4	5	4	4	5	3	3	3	4	3	3	5	5	1	4	1	9	0	9	9	9	5	1	0
1860	4	3	4	5	4	3	5	5	5	4	1	6	6	1	2	1	9	0	9	9	9	5	1	0
1861	5	5	4	5	5	3	4	4	4	2	2	6	5	1	2	1	9	0	9	9	9	5	1	0
1862	5	5	5	5	5	3	4	4	4	3	1	6	5	1	2	1	9	0	7	9	9	5	1	0
1863	4	4	4	5	4	3	5	4	4	3	1	6	5	1	2	1	9	0	7	9	9	5	1	0
1864	4	5	4	5	4	3	5	4	4	4	4	5	6	1	2	1	9	0	9	9	8	6	1	0
1865	4	4	4	3	6	3	5	4	4	5	3	4	5	1	4	1	9	0	9	9	9	7	1	0
1866	5	5	5	5	5	3	4	4	4	3	2	5	5	1	1	1	9	0	9	9	9	5	1	0
1867	5	5	5	4	5	3	5	4	4	5	2	4	5	1	4	1	9	0	9	9	9	5	1	0
1868	5	6	5	5	5	3	6	5	4	4	3	6	6	1	1	1	9	0	9	6	8	5	1	0
1869	5	5	5	5	5	3	6	5	4	4	1	6	6	1	2	1	9	0	9	9	9	8	1	0
1870	5	6	5	6	5	3	6	6	5	4	1	6	6	1	3	3	9	0	9	9	9	5	1	0
1871	6	5	5	6	5	3	5	5	4	4	4	5	5	1	4	1	9	0	9	9	9	5	1	0
1872	5	5	5	5	5	3	6	5	5	5	4	5	5	1	4	1	9	0	9	9	9	5	1	0
1873	5	5	5	6	4	2	5	5	4	5	5	5	5	1	4	1	9	0	9	9	9	7	1	0
1874	5	5	5	6	4	3	6	6	5	5	3	5	5	1	2	1	9	0	9	9	9	6	1	0
1875	5	4	5	4	4	3	6	5	4	5	1	5	6	1	2	1	9	0	9	9	8	3	1	0
1876	5	4	5	5	4	3	5	5	4	5	4	5	5	1	4	1	7	0	9	9	9	4	1	0
1877	5	5	5	6	4	3	6	5	4	5	2	5	6	1	1	1	9	0	9	9	9	4	1	0
1878	4	4	5	5	5	3	4	3	4	4	2	5	5	1	2	1	9	0	9	9	9	5	1	0
1879	4	4	5	5	3	3	6	6	4	4	9	6	6	1	2	1	9	0	9	9	9	9	1	0
1880	5	5	5	5	4	3	4	4	4	3	3	5	5	2	2	1	9	0	9	9	9	7	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GRH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
1881	4	5	4	4	5	3	5	4	4	4	3	5	5	1	4	1	9	0	9	9	9	7	1	0
1882	4	3	4	5	4	3	4	4	4	5	4	4	6	1	4	1	9	0	9	8	9	5	1	0
1883	4	5	4	5	5	3	5	5	5	4	1	0	6	1	4	1	9	0	9	9	9	7	1	0
1884	4	3	4	4	5	3	6	5	4	5	2	4	6	1	2	1	9	0	9	8	9	7	1	0
1885	4	4	5	5	4	3	6	5	4	5	3	5	7	1	2	3	9	0	9	8	9	7	1	0
1886	5	5	5	5	4	3	5	5	4	4	2	5	5	2	2	1	9	0	9	9	9	8	1	0
1887	4	5	4	6	4	3	6	6	5	5	3	6	6	1	2	1	9	0	9	8	8	5	1	0
1888	6	5	5	5	4	3	5	4	4	5	3	4	6	1	4	1	9	0	9	9	9	8	1	0
1889	5	6	5	5	5	3	5	5	4	4	3	5	5	1	4	1	9	0	7	9	9	7	1	0
1890	5	5	5	5	5	3	4	4	4	4	4	4	6	1	4	1	9	0	7	9	9	8	1	0
1891	4	4	4	5	4	3	4	3	4	4	3	5	6	1	2	1	9	0	9	9	9	5	1	0
1892	4	4	4	4	5	3	4	4	4	3	2	0	5	2	4	2	9	0	9	9	9	5	1	0
1893	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	7	0	0	0	0	0
1894	4	4	4	4	5	3	4	3	4	3	1	5	6	2	6	2	9	0	9	9	9	5	1	0
1895	4	3	5	6	4	3	6	6	4	3	1	6	5	2	2	2	9	0	9	9	9	8	1	0
1896	4	4	5	5	4	3	7	6	4	4	2	6	5	2	2	2	9	0	9	9	9	7	1	0
1897	4	4	4	5	5	3	5	4	4	5	2	5	5	2	4	2	7	0	9	9	9	5	1	0
1898	5	7	5	4	5	3	4	4	5	4	1	5	5	1	3	1	9	0	9	6	9	6	1	0
1899	4	5	4	4	5	3	4	4	4	5	3	4	6	2	4	2	9	0	9	8	9	7	1	0
1900	4	5	4	4	6	3	3	3	3	5	3	3	6	1	4	1	9	0	9	8	9	9	1	0
1901	5	5	4	3	5	3	1	1	4	4	4	3	5	1	4	1	9	0	9	9	9	5	1	0
1902	5	4	4	5	5	3	4	3	4	5	4	4	6	1	4	1	9	0	9	9	9	5	1	0
1903	5	5	5	5	5	3	5	4	4	5	6	4	7	1	4	1	9	0	9	7	9	9	1	0
1904	5	5	5	4	5	3	5	4	4	5	5	5	5	1	4	3	9	0	9	9	9	5	1	0
1905	5	5	5	4	5	3	2	2	4	4	5	3	6	1	4	1	9	0	9	8	9	5	1	0
1906	5	5	5	5	5	3	4	4	4	5	5	4	5	1	4	3	9	0	9	9	8	5	1	0
1907	4	5	5	4	5	3	4	4	4	5	5	4	6	1	4	1	9	0	7	6	9	7	1	0
1908	3	5	4	4	5	3	3	2	3	4	2	4	6	1	4	3	9	0	7	9	9	7	1	0
1909	5	5	4	4	5	3	5	4	4	3	5	6	4	1	2	1	9	0	9	9	9	7	1	0
1910	4	5	4	4	5	3	4	4	5	4	7	5	6	1	2	3	9	0	7	9	9	5	1	0
1911	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
1912	4	4	5	3	6	3	3	4	5	5	9	3	6	1	1	1	9	0	9	9	9	8	1	0
1913	5	5	4	5	5	3	5	5	4	4	2	5	5	1	2	1	9	0	7	9	9	8	1	0
1914	4	3	4	4	4	2	3	3	4	4	4	4	6	1	2	1	9	0	9	9	9	7	1	0
1915	4	4	4	5	4	3	5	4	4	4	4	5	5	1	4	1	9	0	7	9	9	5	1	0
1916	4	3	4	5	4	3	4	4	4	4	3	5	5	1	4	1	9	0	5	9	9	1	0	
1917	5	6	5	5	4	3	5	4	3	4	5	5	7	1	1	3	9	0	9	6	9	5	1	0
1918	4	4	5	5	4	3	6	6	5	5	4	5	6	1	4	1	9	0	7	7	9	5	1	0
1919	4	4	5	5	4	3	4	4	4	4	6	5	5	1	4	1	7	0	7	8	9	5	1	0
1920	4	5	4	6	3	3	4	4	3	3	3	5	5	2	2	1	9	0	9	8	9	5	1	0

ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/H	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
1921	5	5	5	6	5	3	5	5	4	4	3	5	5	1	2	1	9	0	9	9	9	5	1	0
1922	4	5	5	4	5	2	4	4	4	4	5	5	6	1	4	1	7	0	9	8	9	5	1	0
1923	5	5	5	5	4	3	5	5	4	5	5	5	5	1	4	1	9	0	9	9	9	5	1	0
1924	5	6	5	5	4	3	5	5	4	4	3	6	6	1	1	1	9	0	9	9	9	5	1	0
1925	4	5	5	5	5	3	4	4	4	3	3	0	6	1	2	1	9	0	9	9	9	5	1	0
1926	4	3	4	5	4	3	4	4	4	4	4	5	5	2	4	2	9	0	9	9	9	5	1	0
1927	4	4	4	5	5	3	5	5	5	4	2	6	6	1	2	1	9	0	9	9	9	5	1	0
1928	5	5	5	5	4	3	4	3	4	3	3	5	5	2	4	2	7	0	9	9	9	6	1	0
1929	4	3	5	5	5	3	3	3	4	4	3	4	6	1	4	1	9	0	9	8	9	8	1	0
1930	4	4	4	5	4	3	4	4	4	5	4	4	6	1	4	1	9	0	9	7	9	5	1	0
1931	3	3	4	5	4	3	4	4	4	5	2	4	5	1	4	1	9	0	7	8	9	8	1	0
1932	4	3	4	5	5	3	4	4	4	5	3	4	5	1	4	1	9	0	9	8	9	6	1	0
1933	4	3	5	5	4	3	6	7	6	5	4	6	5	1	2	1	9	0	9	8	9	7	1	0
1934	5	5	5	4	4	3	5	5	5	6	4	4	5	1	2	1	9	0	9	8	9	7	1	0
1935	4	3	4	4	4	3	4	5	5	4	5	5	5	1	2	1	9	0	7	9	9	5	1	0
1936	5	5	5	5	4	3	3	3	4	3	4	5	5	1	4	1	9	0	9	8	9	4	1	0
1937	3	2	5	5	5	2	3	3	4	5	3	4	6	1	4	1	9	0	9	9	9	5	1	0
1938	4	4	5	5	5	3	5	5	5	4	5	6	6	1	3	3	9	0	7	9	9	5	1	0
1939	4	3	4	4	5	3	3	3	4	3	3	5	5	1	4	1	9	0	9	9	9	7	1	0
1940	5	4	4	4	5	3	5	5	4	4	2	5	6	1	2	1	9	0	9	9	9	6	1	0
1941	5	5	4	5	5	3	4	3	4	2	4	6	5	1	2	1	9	0	9	9	9	5	1	0
1942	4	4	4	5	5	3	4	4	4	3	3	0	5	1	2	1	9	0	7	9	9	6	1	0
1943	4	3	4	6	4	3	4	3	4	3	2	5	5	1	1	3	9	0	9	8	9	6	1	0
1944	4	4	4	7	3	3	3	3	4	2	1	5	5	1	2	1	9	0	9	9	9	5	1	0
1945	4	4	5	5	5	3	6	5	5	4	1	6	6	1	3	3	7	0	9	9	9	6	1	0
1946	4	5	4	4	5	3	6	6	5	4	8	6	5	1	4	1	9	0	9	8	9	5	1	0
1947	4	4	5	4	5	3	5	4	4	3	5	6	5	1	2	1	9	0	9	9	9	5	1	0
1948	5	5	5	7	3	3	6	6	5	5	3	5	7	1	1	1	9	0	9	9	9	5	1	0
1949	4	3	4	6	3	2	6	6	6	5	2	6	6	1	2	1	9	0	7	9	9	5	1	0
1950	4	5	5	6	4	3	7	6	5	4	2	6	5	1	4	1	9	0	9	9	9	7	1	0
1951	-	0	0	0	0	0	0	0	0	0	0	0	4	-	0	0	9	0	7	9	9	7	0	0
1952	6	5	5	4	5	2	5	5	5	5	3	5	6	1	2	1	9	0	9	7	9	8	1	0
1953	4	3	4	4	4	3	4	4	4	4	3	5	5	1	4	3	9	0	9	8	9	6	1	0
1954	3	3	4	4	5	2	4	3	4	4	3	4	7	2	4	1	9	0	9	9	9	5	1	0
1955	3	2	4	4	5	3	3	3	4	4	3	4	6	1	4	2	9	0	9	9	9	8	1	0
1956	5	6	5	7	5	3	4	4	4	3	2	6	6	1	3	3	9	0	5	9	9	5	1	0
1957	5	4	5	6	4	2	6	5	3	4	1	5	8	2	4	2	9	0	9	9	9	7	1	0
1958	4	4	4	5	6	3	4	4	4	3	2	6	6	1	3	3	9	0	9	9	8	5	1	0
1959	4	4	5	5	6	3	3	3	5	4	2	5	5	1	4	1	9	0	9	8	9	7	1	0
1960	5	5	4	5	5	3	4	4	4	3	1	6	6	1	3	3	9	0	9	8	9	7	1	0

	ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
1961	4	4	5	4	5	4	3	5	5	4	3	2	6	6	1	4	1	9	0	9	9	9	7	1	0
1962	4	3	3	5	5	5	2	3	3	4	5	3		5	1	4	1	9	0	9	9	9	9	1	0
1963	4	4	4	5	5	5	3	5	4	4	4	5	5	6	1	3	3	7	0	9	8	9	4	1	0
1964	4	5	4	5	5	5	3	4	3	4	5	4	5	6	1	4	1	9	0	9	9	9	8	1	0
1965	4	4	4	4	5	5	2	6	6	5	4	2	6	7	1	2	3	7	0	7	7	9	7	1	0
1966	5	6	5	5	5	5	3	4	4	5	4	6	5	5	1	4	1	9	0	9	9	8	5	1	0
1967	4	3	4	4	4	5	3	3	3	4	4	2	4	7	1	4	1	9	0	9	9	9	7	1	0
1968	5	5	4	4	4	5	3	4	4	4	3	2	5	6	1	4	1	9	0	9	9	8	5	1	0
1969	4	3	4	4	4	5	3	4	3	4	4	2	5	5	1	2	1	7	0	9	9	9	5	1	0
1970	5	5	5	5	5	4	2	3	4	6	4	3	5	4	1	4	1	9	0	7	9	9	9	1	0
1971	4	4	4	4	4	4	3	3	2	3	4	2	4	6	2	4	2	9	0	9	8	9	5	1	0
1972	5	4	4	5	4	5	3	5	5	4	4	5	6	5	1	1	1	9	0	9	9	9	5	1	0
1973	5	4	5	4	4	8	2	3	3	5	4	9	5	5	2	4	2	7	0	9	8	9	5	1	0
1974	4	3	4	4	4	6	3	4	4	4	5	5	5	5	1	2	3	9	0	9	9	9	5	1	0
1975	4	4	4	4	5	5	3	5	5	5	3	1	6	6	1	2	1	9	0	9	8	9	7	1	0
1976	4	3	4	4	4	4	3	4	4	5	4	3	5	6	1	2	1	9	0	9	9	9	5	1	0
1977	4	3	4	4	4	5	3	4	3	4	4	3	5	5	1	2	3	9	0	9	9	9	5	1	0
1978	4	4	4	4	5	6	3	4	3	4	3	2	5	5	1	2	1	9	0	7	9	9	5	1	0
1979	4	4	4	4	5	5	3	5	5	4	4	3	5	7	1	3	3	9	0	7	8	9	5	1	0
1980	4	3	4	4	5	5	3	6	5	4	5	3	5	8	1	3	3	9	0	9	9	9	5	1	0
1981	4	3	4	4	4	6	3	4	4	4	4	3	4	5	1	4	1	9	0	7	8	9	5	1	0
1982	5	5	5	5	5	5	3	6	5	3	5	4	5	6	1	3	3	7	0	9	8	9	4	1	0
1983	4	3	4	5	5	5	3	4	4	4	4	4	5	5	1	2	3	9	0	9	9	9	6	1	0
1984	4	3	4	4	4	5	3	4	3	4	4	3	5	6	1	4	3	9	0	9	9	9	5	1	0
1985	4	4	4	4	4	5	3	3	3	4	3	2	5	5	1	4	3	9	0	9	9	9	5	1	0
1986	4	3	4	4	4	5	2	4	4	4	5	3	4	5	1	4	1	9	0	9	9	9	5	1	0
1987	4	3	4	4	5	5	2	4	3	4	4	4	5	5	1	4	3	9	0	9	8	9	5	1	0
1988	4	4	4	4	5	5	3	5	4	4	4	4	5	6	1	4	3	9	0	9	9	9	6	1	0
1989	4	3	4	4	5	5	3	4	4	4	3	3	5	5	1	2	3	9	0	7	9	9	5	1	0
1990	4	3	4	4	4	4	2	4	3	4	4	4	5	5	1	2	3	9	0	9	9	9	5	1	0
1991	5	4	5	7	3	3	3	6	6	4	3	2	6	4	2	4	2	9	0	9	9	9	5	1	0
1992	5	5	5	5	5	3	3	4	4	4	4	3	5	4	1	4	1	9	0	9	8	9	4	1	0
1993	5	5	5	5	4	5	3	4	3	4	4	3	4	5	2	4	2	7	0	9	9	9	7	1	0
1994	5	4	5	7	3	3	3	5	5	4	1	2	6	4	2	4	2	9	0	9	8	9	5	1	0
1995	5	5	5	4	4	4	2	5	5	4	5	4	5	6	2	4	2	7	0	9	9	9	6	1	0
1996	5	5	5	4	5	5	3	4	3	4	4	2	5	6	1	4	1	9	0	9	9	9	6	1	0
1997	6	6	5	7	5	5	3	6	6	3	4	3	5	7	1	3	3	9	0	7	9	9	7	1	0
1998	5	6	5	5	5	3	3	4	4	4	4	4	5	6	1	1	3	9	0	9	8	9	5	1	0
1999	6	6	5	5	5	5	2	5	5	4	3	3	6	5	2	2	1	9	0	9	9	9	6	1	0
2000	5	6	4	4	4	5	2	5	5	4	5	4	5	6	1	4	1	9	0	9	9	9	7	1	0

## 282 Catalog of Chickpea Germplasm

YLC	DAF	YDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PL	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
2001	5	5	4	5	5	3	4	3	4	2	2	0	4	1	2	1	9	0	7	8	9	5	1	0
2002	4	4	4	5	5	3	4	4	5	2	1	6	5	1	3	3	9	0	5	9	9	6	1	0
2003	4	4	4	4	4	3	4	3	4	3	4	5	4	1	4	1	7	0	7	9	9	7	1	0
2004	4	4	4	5	5	3	4	4	4	4	2	5	6	1	4	3	9	0	7	9	9	6	1	0
2005	5	4	5	4	5	3	5	5	4	3	1	6	5	1	3	3	9	0	5	9	9	7	1	0
2006	4	4	4	4	5	2	5	4	4	3	1	0	5	2	4	1	9	0	7	9	9	5	1	0
2007	4	4	4	5	4	3	4	4	4	4	3	5	4	1	4	1	9	0	7	9	9	7	1	0
2008	5	4	4	4	4	3	5	4	4	3	2	5	5	2	4	2	9	0	9	8	9	5	1	0
2009	5	4	4	4	5	3	3	3	4	2	3	5	5	2	2	1	9	0	7	9	9	7	1	0
2010	4	4	4	5	5	3	5	5	4	3	2	6	5	1	2	1	9	0	9	7	9	7	1	0
2011	4	4	4	4	5	3	4	4	4	3	2	5	5	2	2	1	9	0	9	9	9	9	1	0
2012	4	4	4	5	5	3	4	4	4	3	2	6	4	1	2	1	9	0	9	9	9	6	1	0
2013	4	3	5	4	5	2	3	3	4	4	4	5	3	1	2	3	9	0	7	9	9	6	1	0
2014	4	3	5	4	6	2	4	3	4	3	2	5	4	2	2	1	9	0	9	9	9	8	1	0
2015	4	4	4	4	6	3	4	4	4	2	2	6	5	1	2	1	9	0	9	8	9	5	1	0
2016	4	4	4	5	5	3	4	3	4	2	2	0	3	1	2	1	9	0	9	9	9	7	1	0
2017	4	4	4	4	5	3	3	3	4	2	2	5	4	2	2	1	9	0	9	9	9	7	1	0
2018	5	5	4	5	5	3	4	4	4	3	4	6	4	1	2	1	9	0	7	8	9	6	1	0
2019	4	3	4	5	4	3	4	3	4	3	2	5	3	2	4	2	9	0	9	9	9	5	1	0
2020	4	3	4	4	4	3	3	4	5	3	3	5	4	1	4	1	9	0	7	9	9	5	1	0
2021	5	4	4	5	4	3	5	4	4	3	2	6	4	1	2	1	9	0	7	9	9	5	1	0
2022	4	4	4	4	5	3	4	3	4	3	3	5	4	1	1	1	9	0	9	9	9	5	1	0
2023	4	4	4	4	5	3	4	3	4	3	3	5	4	1	2	1	9	0	9	9	9	5	1	0
2024	4	3	4	5	5	3	4	4	4	3	1	5	4	1	2	1	9	0	9	9	9	5	1	0
2025	4	4	4	5	5	3	4	5	6	4	7	5	5	1	4	1	7	0	7	9	9	9	1	0
2026	4	3	4	4	6	3	4	3	3	2	3	5	4	1	2	2	9	0	7	9	9	7	1	0
2027	4	4	4	5	5	3	4	3	4	3	2	5	4	2	2	1	9	0	9	9	9	5	1	0
2028	4	4	4	5	5	3	5	5	4	4	2	5	4	2	2	1	9	0	7	8	9	5	1	0
2029	5	4	4	4	5	3	4	3	3	3	2	5	4	2	2	1	9	0	9	9	9	9	1	0
2030	5	6	4	4	5	3	4	4	4	3	3	5	3	2	2	1	9	0	9	8	9	5	1	0
2031	4	5	4	5	4	3	4	4	4	3	2	5	5	1	2	1	9	0	9	9	9	5	1	0
2032	4	3	4	4	5	3	5	5	5	4	2	5	3	1	2	1	9	0	9	9	9	5	1	0
2033	3	3	4	4	6	3	4	3	4	3	2	5	4	1	2	1	9	0	9	8	9	9	1	0
2034	4	3	4	4	4	3	3	3	4	2	3	5	4	1	4	1	9	0	7	9	9	8	1	0
2035	4	3	4	5	5	3	4	3	4	3	4	5	4	1	2	1	9	0	9	9	9	8	1	0
2036	5	5	4	5	4	3	5	4	3	3	2	0	4	1	2	1	9	0	7	9	9	8	1	0
2037	4	4	4	5	4	3	5	4	4	3	2	5	5	1	2	1	9	0	5	9	8	7	1	0
2038	4	4	4	4	5	3	4	4	4	3	2	6	5	1	2	1	9	0	7	9	9	5	1	0
2039	5	6	4	4	5	3	5	5	4	3	2	6	4	1	2	1	9	0	9	9	9	5	1	0
2040	5	5	4	5	4	3	5	4	4	2	2	5	6	1	1	1	9	0	9	9	9	7	1	0



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HEX
2041	5	5	4	5	4	3	5	4	4	3	2	0	5	1	2	1	9	0	7	9	9	7	1	0
2042	5	4	4	5	4	3	5	5	4	3	2	0	3	1	4	1	9	0	7	9	9	9	1	0
2043	4	5	4	5	4	3	6	5	3	4	3	0	5	1	4	1	9	0	7	9	9	9	1	0
2044	5	4	4	4	4	3	5	5	5	4	2	6	5	1	2	1	9	0	9	9	9	9	1	0
2045	5	5	4	5	5	3	5	5	4	4	3	0	5	1	2	1	9	0	9	9	8	9	1	0
2046	4	4	4	4	5	3	5	4	4	3	2	5	5	1	2	1	9	0	9	6	9	9	1	0
2047	4	4	4	5	4	3	5	5	4	4	3	5	5	1	4	1	9	0	9	9	9	9	1	0
2048	4	4	4	5	4	3	5	4	3	4	5	5	4	1	2	1	9	0	9	8	8	8	1	0
2049	4	3	4	5	4	3	4	5	5	4	4	5	4	1	4	1	9	0	9	9	9	9	1	0
2050	4	3	4	5	5	3	4	4	4	3	4	5	3	1	2	1	9	0	7	9	8	8	1	0
2051	5	6	4	5	6	3	4	4	4	3	2	0	4	1	2	1	9	0	7	9	9	9	1	0
2052	4	3	4	4	6	3	3	3	4	3	3	5	4	1	2	3	9	0	9	8	8	8	1	0
2053	5	4	4	5	4	3	4	4	4	2	2	6	4	1	2	1	9	0	7	9	9	8	1	0
2054	5	4	4	4	5	3	4	4	4	3	2	5	4	1	2	1	9	0	7	9	9	9	1	0
2055	5	4	4	4	6	3	4	3	4	3	3	5	4	1	2	1	9	0	7	9	9	8	1	0
2056	5	4	4	4	4	3	4	4	4	3	2	0	4	1	2	1	7	0	9	9	9	8	1	0
2057	5	5	4	5	5	3	5	4	4	3	3	5	4	1	2	1	9	0	9	9	9	8	1	0
2058	5	5	5	4	6	3	5	5	4	4	2	5	4	1	1	1	9	0	9	9	9	8	1	0
2059	4	4	4	4	4	3	4	4	4	3	3	5	4	1	2	1	9	0	9	9	9	8	1	0
2060	4	4	4	5	5	3	5	4	4	3	3	6	4	1	2	1	9	0	7	9	9	9	1	0
2061	5	4	4	4	5	3	4	4	4	3	2	5	4	1	2	1	9	0	9	9	9	8	1	0
2062	4	4	4	4	5	3	5	4	3	3	1	0	4	2	2	1	9	0	9	9	9	9	1	0
2063	4	3	4	5	5	3	4	4	4	3	1	5	4	1	1	1	9	0	9	9	9	9	1	0
2064	4	4	4	4	5	3	3	3	4	3	1	5	4	1	2	1	9	0	9	9	9	9	1	0
2065	4	4	4	5	4	3	5	4	4	4	2	5	4	1	3	3	9	0	7	9	9	8	1	0
2066	4	3	4	4	4	3	4	3	4	3	2	5	4	1	4	1	9	0	7	9	9	6	1	0
2067	4	3	4	4	5	3	5	4	3	3	2	5	4	2	2	1	9	0	7	9	9	6	1	0
2068	4	4	4	4	5	3	5	4	3	4	2	5	7	1	4	1	9	0	7	9	9	6	1	0
2069	4	4	4	5	6	3	4	4	4	3	3	5	5	1	2	1	9	0	9	9	9	8	1	0
2070	4	4	4	5	5	3	5	4	4	4	2	5	4	1	2	1	9	0	7	8	9	8	1	0
2071	5	5	4	5	4	3	5	5	5	4	2	5	4	1	2	1	9	0	9	9	9	7	1	0
2072	4	4	4	4	6	3	5	5	4	4	3	5	5	1	2	1	9	0	9	9	9	7	1	0
2073	4	3	4	4	5	3	5	4	4	3	3	5	4	1	4	1	9	0	7	9	9	8	1	0
2074	4	4	4	5	5	3	5	4	4	4	2	5	5	1	2	1	9	0	7	9	9	8	1	0
2075	4	4	4	6	4	3	5	5	4	4	1	5	5	1	2	1	9	0	9	9	9	7	1	0
2076	5	5	4	5	5	3	4	4	4	4	3	5	4	2	4	2	7	0	9	9	9	7	1	0
2077	4	5	4	4	5	3	4	3	4	3	1	5	4	1	1	1	9	0	9	9	8	8	1	0
2078	4	5	4	5	5	3	4	3	4	3	1	5	4	1	2	1	9	0	9	8	9	7	1	0
2079	4	4	4	4	4	3	4	3	4	3	1	5	4	1	1	1	7	0	7	9	9	9	1	0
2080	4	5	4	4	5	3	4	4	5	3	3	5	4	1	2	1	9	0	9	9	9	7	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
2081	5	5	5	5	4	2	4	4	4	3	1	0	4	1	3	3	9	0	7	9	9	5	1	0
2082	4	4	4	5	4	3	4	5	5	4	4	5	3	1	2	1	9	0	9	9	9	9	1	0
2083	4	4	4	4	6	3	3	3	5	3	2	5	3	1	2	1	9	0	7	9	9	8	1	0
2084	4	4	4	5	5	3	3	2	4	2	2	5	5	1	2	1	9	0	9	9	9	7	1	0
2085	4	4	4	5	5	3	4	3	4	3	2	5	3	1	1	1	7	0	9	9	9	8	1	0
2086	4	4	4	4	5	3	5	5	4	4	3	5	5	1	2	1	9	0	9	9	9	9	1	0
2087	4	4	4	4	5	3	4	3	4	3	2	5	4	1	2	1	7	0	9	9	9	9	1	0
2088	4	4	4	4	4	3	3	3	4	2	2	5	3	2	2	1	9	0	7	9	9	8	1	0
2089	4	5	4	5	4	3	4	4	4	2	1	6	5	1	2	1	9	0	9	9	9	8	1	0
2090	4	3	4	4	5	3	3	3	4	3	3	5	4	1	4	1	7	0	7	6	9	6	1	0
2091	4	4	4	4	3	3	4	4	4	2	2	6	4	1	3	3	9	0	9	9	9	5	1	0
2092	5	5	4	5	4	3	4	4	5	4	3	5	5	1	4	1	9	0	9	9	9	7	1	0
2093	4	4	4	4	5	2	5	5	5	4	2	0	3	1	4	1	9	0	9	9	9	5	1	0
2094	4	4	4	4	5	3	5	5	5	4	6	5	4	1	2	1	9	0	9	9	9	5	1	0
2095	4	4	4	5	3	3	5	5	5	4	2	0	4	1	4	1	7	0	9	9	9	4	1	0
2096	5	5	4	4	4	3	5	5	4	4	2	5	5	1	2	1	7	0	9	9	9	8	1	0
2097	5	5	4	5	4	3	4	4	4	4	2	5	5	1	2	1	9	0	9	9	9	7	1	0
2098	5	5	4	6	4	3	5	5	4	4	1	6	6	1	1	1	9	0	9	6	9	9	1	0
2099	5	5	4	5	5	3	4	4	4	3	2	0	4	1	2	1	9	0	9	9	9	8	1	0
2100	4	5	4	5	4	3	5	5	4	3	1	6	5	1	2	1	9	0	9	8	9	7	1	0
2101	4	4	4	5	4	3	6	6	5	5	1	0	5	1	2	1	9	0	7	9	9	5	1	0
2102	5	5	4	4	4	3	4	4	4	3	3	0	4	1	2	1	9	0	9	9	9	7	1	0
2103	5	5	5	5	5	3	5	5	4	3	1	6	5	1	3	3	9	0	7	9	9	7	1	0
2104	5	5	5	5	5	3	5	5	4	3	1	6	4	1	2	1	9	0	9	9	9	9	1	0
2105	5	4	5	4	5	3	4	4	4	3	3	5	4	1	1	1	5	0	9	9	9	8	1	0
2106	5	6	4	5	4	3	4	4	4	2	1	6	4	2	2	1	9	0	7	9	9	7	1	0
2107	4	4	4	4	5	3	3	3	5	2	2	0	3	1	2	1	9	0	9	9	9	8	1	0
2108	5	5	4	4	6	3	4	4	4	3	3	6	4	2	2	1	9	0	9	9	9	7	1	0
2109	5	5	4	5	4	3	5	5	5	4	2	6	4	1	2	1	9	0	9	9	9	8	1	0
2110	4	5	4	4	5	3	4	4	5	3	2	5	4	1	2	1	9	0	9	9	9	9	1	0
2111	5	4	4	5	5	3	4	4	5	3	2	6	5	2	1	3	7	0	7	9	9	6	1	0
2112	4	4	4	4	5	3	4	4	4	3	2	0	4	1	2	1	9	0	9	9	9	8	1	0
2113	5	5	5	5	5	3	4	4	4	3	1	5	4	1	1	3	9	0	9	9	9	5	1	0
2114	5	6	5	7	4	3	6	5	4	4	2	6	5	1	1	1	9	0	9	9	9	8	1	0
2115	5	6	4	5	4	3	4	4	5	2	2	0	4	2	3	3	7	0	9	9	9	8	1	0
2116	5	6	5	5	3	3	5	5	5	4	2	0	4	1	2	1	7	0	7	9	9	8	1	0
2117	5	5	5	5	4	3	4	3	4	3	1	5	5	2	4	1	9	0	9	9	9	7	1	0
2118	4	4	4	5	5	3	4	3	4	3	2	5	4	1	2	1	9	0	9	9	9	8	1	0
2119	5	4	4	5	5	3	5	5	5	4	2	0	5	2	4	1	9	0	9	9	9	7	1	0
2120	5	4	4	4	4	3	4	4	4	3	2	6	4	2	4	1	9	0	9	9	9	6	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/H	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
2121	4	5	4	4	4	3	4	3	4	2	2	6	4	2	2	1	9	0	9	9	9	7	1	0
2122	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
2123	4	4	4	5	4	3	4	4	5	3	4	6	4	1	4	1	9	0	9	9	9	7	1	0
2124	5	5	4	4	4	2	4	5	6	3	1	6	5	2	2	1	9	0	7	9	9	5	1	0
2125	4	3	4	4	5	3	4	4	5	3	1	6	3	1	1	1	9	0	9	9	9	8	1	0
2126	4	4	4	5	4	3	4	4	4	3	1	6	2	1	1	1	9	0	7	9	8	9	1	0
2127	4	4	4	4	4	3	3	3	4	2	3	5	3	2	4	2	9	0	9	9	9	9	1	0
2128	5	5	4	4	4	3	3	3	4	2	2	5	3	2	4	3	9	0	7	8	9	8	1	0
2129	5	5	4	5	5	3	3	3	4	2	1	6	3	1	3	3	9	0	7	9	9	5	1	0
2130	5	5	5	5	4	3	3	3	4	2	1	0	4	1	3	3	9	0	7	9	8	7	1	0
2131	5	5	4	7	5	3	4	4	5	3	3	5	2	1	2	1	9	0	7	9	9	9	1	0
2132	5	5	4	5	5	3	4	4	4	2	4	6	4	1	2	1	9	0	9	9	8	7	1	0
2133	5	5	4	5	5	3	3	3	5	2	3	0	3	1	1	1	9	0	9	9	9	8	1	0
2134	5	5	4	4	5	3	5	5	5	4	4	6	4	2	4	2	9	0	9	9	9	8	1	0
2135	5	5	4	4	5	3	5	4	4	3	1	6	6	1	4	1	9	0	7	9	9	8	1	0
2136	5	5	4	5	4	3	4	4	5	3	3	0	4	2	1	2	9	0	9	9	9	6	1	0
2137	5	6	5	4	4	3	4	4	4	2	5	6	4	1	2	1	9	0	9	9	9	7	1	0
2138	4	3	4	5	4	3	3	3	4	2	4	0	5	1	1	1	9	0	9	9	9	9	1	0
2139	5	6	5	4	4	3	5	5	4	4	3	6	4	2	2	1	9	0	9	8	9	7	1	0
2140	5	5	5	6	4	3	5	5	5	4	3	0	6	1	2	1	9	0	9	9	9	7	1	0
2141	5	6	4	5	4	3	5	5	4	3	3	6	6	2	4	2	9	0	7	9	9	7	1	0
2142	5	5	4	4	5	3	4	4	4	3	4	6	4	1	2	1	7	0	9	9	9	8	1	0
2143	5	5	4	5	5	3	4	4	5	3	2	6	4	1	2	1	9	0	9	9	9	6	1	0
2144	5	5	5	5	5	3	5	5	4	4	2	0	5	1	2	1	9	0	9	9	9	8	1	0
2145	5	5	5	5	5	3	5	5	4	4	2	6	6	1	2	1	9	0	9	9	9	8	1	0
2146	5	6	5	5	5	4	5	5	4	4	2	6	6	1	2	1	9	0	9	9	9	8	1	0
2147	5	5	5	5	4	3	5	5	5	4	2	6	6	2	2	3	9	0	9	9	9	7	1	0
2148	4	4	4	6	4	3	5	5	4	4	2	6	5	1	2	1	9	0	9	9	9	5	1	0
2149	5	5	4	5	5	3	5	5	3	3	1	6	5	2	2	2	9	0	9	9	9	8	1	0
2150	5	6	4	5	4	3	4	4	4	3	1	6	5	1	4	1	9	0	9	9	9	6	1	0
2151	5	5	4	5	5	3	4	4	5	3	2	6	5	2	5	2	9	0	9	9	9	8	1	0
2152	5	4	4	5	4	3	4	3	4	3	1	5	4	1	1	1	9	0	9	9	9	8	1	0
2153	4	4	4	7	4	3	4	4	4	2	1	6	5	2	2	2	9	0	9	9	9	8	1	0
2154	4	5	4	7	5	3	5	5	5	3	1	6	4	2	5	2	9	0	9	9	9	8	1	0
2155	5	5	4	5	5	3	4	4	4	3	2	6	4	2	2	2	9	0	9	9	9	8	1	0
2156	4	4	4	5	4	3	4	5	6	4	3	5	4	1	1	1	9	0	9	9	9	9	1	0
2157	5	5	4	5	5	3	4	4	4	3	3	6	4	1	2	1	9	0	7	9	9	8	1	0
2158	4	4	4	5	5	3	4	5	5	4	3	0	4	1	2	1	9	0	9	9	9	8	1	0
2159	5	5	4	4	5	3	4	4	4	2	3	6	5	2	4	2	9	0	9	9	9	8	1	0
2160	5	6	5	5	3	2	4	3	4	2	1	0	6	1	3	3	9	0	9	9	9	7	1	0

## 286 Catalog of Chickpea Germplasm

ILC	DAF	FDG	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
2161	5	5	5	5	5	3	5	5	5	4	3	6	5	1	2	1	9	0	7	9	9	7	1	0
2162	5	6	5	5	5	2	5	5	5	4	1	0	5	1	3	3	9	0	9	8	9	6	1	0
2163	5	6	5	6	5	3	5	5	4	4	4	5	5	1	2	1	9	0	9	9	9	9	1	0
2164	5	5	5	5	5	3	5	4	4	4	1	5	5	1	4	3	9	0	9	9	9	6	1	0
2165	5	4	5	4	5	3	4	3	4	4	6	5	5	2	4	2	9	0	9	8	9	9	1	0
2166	5	5	5	5	5	3	4	4	4	5	5	4	4	1	4	3	9	0	9	9	9	9	1	0
2167	5	5	5	4	4	3	4	3	4	2	2	5	5	-	0	0	9	0	9	9	9	9	1	0
2168	4	4	5	5	4	3	5	5	5	5	5	5	5	2	4	2	9	0	9	9	9	9	1	0
2169	5	6	5	5	5	3	4	4	4	3	2	0	5	1	3	3	9	0	7	9	9	8	1	0
2170	5	5	5	7	4	2	4	3	4	2	2	6	5	2	1	3	9	0	9	9	9	8	1	0
2171	5	5	5	5	4	3	4	4	4	3	3	0	5	1	1	3	9	0	7	9	9	8	1	0
2172	5	5	5	5	4	2	4	4	5	3	1	6	4	1	1	1	9	0	7	9	9	8	1	0
2173	4	4	4	5	5	3	4	4	3	3	2	5	4	1	4	1	9	0	7	9	9	9	1	0
2174	5	5	5	5	4	3	5	5	5	3	1	6	4	1	3	1	9	0	7	9	9	9	1	0
2175	5	5	5	5	4	3	5	5	5	4	3	0	5	1	2	3	9	0	9	9	9	8	1	0
2176	5	5	5	7	4	3	5	5	3	3	2	6	5	2	4	1	9	0	9	9	9	9	1	0
2177	5	4	5	5	5	3	5	5	5	4	1	0	6	1	4	1	9	0	7	9	9	8	1	0
2178	5	5	4	7	3	3	5	5	4	4	1	0	6	2	2	3	9	0	7	9	9	8	1	0
2179	4	3	5	5	4	3	4	4	4	4	2	5	3	1	4	1	9	0	9	9	9	9	1	0
2180	5	5	4	5	5	3	5	5	4	4	3	5	4	1	4	1	9	0	9	9	9	8	1	0
2181	5	6	4	5	4	3	5	5	5	4	1	6	5	1	4	1	9	0	9	9	9	8	1	0
2182	5	6	5	5	4	2	4	4	5	3	2	6	6	2	4	3	9	0	7	9	9	7	1	0
2183	4	5	4	5	4	3	4	4	5	3	6	6	4	1	1	1	9	0	9	9	9	7	1	0
2184	4	4	4	4	4	3	4	4	4	3	7	6	4	2	1	2	9	0	9	9	9	8	1	0
2185	4	5	4	5	4	2	5	5	5	4	3	0	6	1	2	1	9	0	7	9	9	6	1	0
2186	6	6	5	5	4	3	2	3	5	4	2	5	4	1	1	1	9	0	9	8	9	8	1	0
2187	4	5	4	4	5	3	3	3	5	3	9	5	4	1	1	3	9	0	9	7	9	8	1	0
2188	4	5	5	5	4	3	4	4	4	4	3	5	4	1	1	1	9	0	9	9	9	8	1	0
2189	4	6	4	4	4	3	3	3	5	4	4	5	4	1	2	3	9	0	7	9	9	9	1	0
2190	4	3	4	7	4	3	4	5	5	5	7	5	6	1	4	3	9	0	9	9	9	9	1	0
2191	4	5	4	6	4	3	6	6	5	5	3	6	5	1	2	1	9	0	9	9	9	9	1	0
2192	4	4	5	5	4	3	5	4	4	4	3	5	5	1	2	3	9	0	9	9	9	9	1	0
2193	4	5	5	5	4	3	5	5	5	5	3	5	4	1	1	3	9	0	9	8	9	9	1	0
2194	5	6	5	6	4	3	7	7	6	6	3	5	6	1	2	1	9	0	9	9	9	9	1	0
2195	4	4	5	6	4	3	5	5	5	4	3	5	5	1	1	3	9	0	9	9	9	9	1	0
2196	4	3	5	5	5	3	4	4	4	4	4	5	5	1	1	3	9	0	9	9	9	8	1	0
2197	4	3	4	5	5	3	5	4	4	3	3	6	5	1	3	3	9	0	9	9	9	8	1	0
2198	4	4	4	5	4	2	5	5	4	4	4	0	4	2	4	2	9	0	7	9	9	9	1	0
2199	4	4	4	5	4	3	4	4	4	4	3	5	4	1	2	1	9	0	9	9	9	9	1	0
2200	4	3	4	4	5	3	4	4	4	4	4	5	4	1	4	3	9	0	9	8	9	9	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CH	COL	IDC	HER
2201	4	3	4	5	4	3	3	3	4	4	2	5	5	1	4	1	9	0	9	9	9	9	1	0
2202	4	4	4	5	4	3	3	4	5	3	6	5	5	1	2	3	9	0	9	8	9	9	1	0
2203	4	3	4	5	4	3	3	3	4	4	4	5	4	1	4	3	9	0	7	8	9	9	1	0
2204	4	4	4	7	4	3	4	4	4	4	2	5	5	1	2	1	9	0	7	9	9	5	1	0
2205	5	5	4	5	4	3	4	4	5	3	3	0	5	1	1	1	9	0	9	9	9	8	1	0
2206	4	3	5	4	4	3	5	4	4	4	3	5	5	1	4	1	9	0	9	9	9	8	1	0
2207	4	3	4	4	5	3	4	4	4	4	4	5	4	1	2	3	9	0	9	8	9	7	1	0
2208	4	4	4	4	6	2	4	4	5	4	4	5	4	2	4	2	7	0	9	9	9	6	1	0
2209	4	4	4	5	5	3	4	4	5	3	2	6	5	2	1	2	9	0	9	9	9	7	1	0
2210	4	4	4	6	4	3	5	4	4	4	3	5	4	1	2	3	9	0	9	9	9	8	1	0
2211	5	6	4	6	4	2	4	4	4	3	1	5	4	1	3	3	9	0	5	9	9	9	1	0
2212	4	4	4	5	5	3	4	4	5	3	2	6	5	1	4	1	9	0	9	9	9	9	1	0
2213	4	5	4	4	4	3	4	3	4	3	1	5	6	1	3	1	9	0	9	9	9	8	1	0
2214	4	4	5	6	4	3	5	5	4	4	2	6	5	2	5	3	9	0	9	9	9	8	1	0
2215	4	4	4	6	5	3	3	3	4	3	6	5	5	1	2	3	9	0	9	9	9	9	1	0
2216	4	3	5	6	6	3	5	5	4	4	6	5	5	1	4	1	9	0	9	9	9	9	1	0
2217	4	3	4	5	4	3	4	3	4	4	4	5	5	1	4	1	9	0	9	9	9	9	1	0
2218	5	6	5	4	5	3	5	5	4	5	2	5	5	1	1	1	9	0	9	8	9	8	1	0
2219	5	5	5	5	5	3	6	5	3	4	1	6	5	1	4	1	9	0	9	9	9	8	1	0
2220	5	5	5	5	4	3	5	5	5	3	1	6	5	1	1	3	9	0	7	8	9	8	1	0
2221	5	5	5	6	4	3	5	5	4	3	1	6	5	2	1	3	9	0	5	8	9	7	1	0
2222	5	5	5	5	4	3	5	5	5	4	1	6	4	1	1	3	9	0	7	9	9	5	1	0
2223	4	3	5	3	4	3	5	4	4	4	3	5	5	1	4	1	9	0	9	9	9	8	1	0
2224	5	5	5	4	3	3	6	6	4	5	4	5	6	2	4	2	9	0	9	9	9	7	1	0
2225	4	3	5	5	5	3	4	4	4	4	3	5	5	1	1	1	9	0	9	9	9	7	1	0
2226	6	6	5	5	4	3	5	5	4	3	1	6	5	1	1	3	9	0	7	9	8	5	1	0
2227	6	6	5	5	4	3	5	5	5	3	1	6	5	1	1	3	9	0	7	9	9	5	1	0
2228	5	6	5	5	5	3	4	4	5	3	1	6	6	1	2	3	9	0	9	9	9	4	1	0
2229	4	4	4	5	4	3	5	5	4	4	2	6	6	1	4	1	9	0	9	9	9	8	1	0
2230	5	5	5	5	5	3	4	4	4	3	1	5	5	1	1	3	9	0	9	9	8	5	1	0
2231	4	4	4	5	5	3	5	5	4	4	2	6	5	1	4	1	9	0	9	9	9	8	1	0
2232	5	6	5	6	5	3	4	4	4	2	2	6	5	1	2	1	9	0	9	9	9	7	1	0
2233	4	3	4	5	6	3	3	3	4	3	2	5	4	1	2	1	9	0	9	9	9	8	1	0
2234	4	4	4	5	4	3	4	4	4	4	2	5	6	1	4	1	9	0	9	8	9	7	1	0
2235	4	4	4	5	3	3	5	5	5	4	3	5	5	1	1	3	9	0	9	9	9	4	1	0
2236	4	4	4	6	4	2	6	6	5	5	2	6	6	1	4	1	9	0	9	9	8	7	1	0
2237	6	6	5	6	3	3	5	5	5	3	1	6	6	1	1	1	9	0	7	9	9	9	1	0
2238	4	3	4	5	4	3	5	5	4	5	1	5	5	1	1	3	9	0	9	9	9	8	1	0
2239	4	4	4	5	4	3	6	6	5	4	2	6	6	1	4	1	9	0	9	8	9	8	1	0
2240	4	5	4	5	4	3	5	5	5	4	2	5	5	1	4	1	9	0	9	9	9	7	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CW	COL	IDC	HEI
2241	4	3	5	5	5	3	5	4	4	4	3	5	5	1	2	1	9	0	9	9	9	6	1	0
2242	5	5	5	4	5	3	3	4	5	4	1	5	5	1	1	3	9	0	9	7	9	5	1	0
2243	5	5	5	5	3	3	4	4	5	3	2	5	5	1	2	1	9	0	9	9	9	8	1	0
2244	4	4	5	5	5	3	4	4	5	4	3	5	5	1	2	3	9	0	9	9	9	5	1	0
2245	4	4	5	5	4	3	4	4	5	3	2	5	6	2	5	3	9	0	9	9	9	7	1	0
2246	6	5	5	5	5	3	5	5	4	3	1	6	6	1	2	1	9	0	7	9	9	8	1	0
2247	6	6	5	6	4	3	5	5	4	3	1	6	6	1	1	1	9	0	7	9	9	8	1	0
2248	5	4	4	5	6	3	5	5	4	3	2	0	5	1	2	1	9	0	9	9	8	8	1	0
2249	6	5	5	5	4	3	3	3	4	4	1	5	5	1	1	3	9	0	9	9	8	7	1	0
2250	6	6	5	7	4	3	6	5	4	4	3	6	6	1	2	1	9	0	5	9	9	8	1	0
2251	4	3	4	4	8	3	3	4	5	4	5	5	4	1	2	3	9	0	9	9	9	8	1	0
2252	5	5	5	4	5	2	4	4	5	3	2	6	7	2	4	3	9	0	7	9	9	7	1	0
2253	5	5	5	5	5	3	4	4	4	4	1	5	5	1	1	1	7	0	9	9	9	5	1	0
2254	6	6	5	6	5	3	5	5	4	3	1	6	6	1	2	1	7	0	7	9	9	7	1	0
2255	6	6	5	6	4	5	5	4	4	2	1	6	6	1	2	1	9	0	5	9	9	9	1	0
2256	4	4	5	5	5	3	4	4	4	4	3	5	6	1	4	1	9	0	8	9	9	9	1	0
2257	5	5	4	5	5	3	4	4	4	3	3	5	4	1	1	1	9	0	8	9	9	7	1	0
2258	6	6	5	6	5	3	5	4	4	2	1	6	6	1	2	1	7	0	6	9	9	7	1	0
2259	5	5	4	5	6	3	4	4	4	3	3	5	4	1	2	1	9	0	8	9	9	6	1	0
2260	6	6	5	5	5	3	6	6	6	4	2	6	5	1	1	1	9	0	6	8	9	6	1	0
2261	5	6	5	4	6	3	4	3	4	2	2	6	6	1	1	1	9	0	5	9	9	8	1	0
2262	6	6	5	6	4	3	5	5	4	3	1	6	6	1	2	1	9	0	7	9	9	8	1	0
2263	5	5	4	4	5	3	4	4	5	4	1	5	5	1	2	1	9	0	9	9	9	6	1	0
2264	5	5	4	6	4	3	6	5	4	4	1	6	6	1	1	1	9	0	9	6	9	6	1	0
2265	5	4	4	4	5	3	5	5	4	4	1	6	6	1	2	1	3	0	9	9	9	7	1	0
2266	5	3	5	6	4	3	5	5	4	4	3	5	6	1	4	3	9	0	9	9	9	6	1	0
2267	4	4	5	5	4	3	5	4	4	5	4	5	4	1	3	3	9	0	9	9	9	7	1	0
2268	4	5	5	6	5	3	4	4	4	5	3	5	5	1	2	3	9	0	7	9	9	7	1	0
2269	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	9	0	0	0	0	0
2270	4	4	4	5	4	3	5	5	5	4	2	6	5	1	1	1	9	0	9	9	9	8	1	0
2271	5	6	5	5	4	3	7	6	4	5	2	4	5	1	2	1	9	0	7	7	9	8	1	0
2272	5	5	4	5	5	3	5	5	4	4	2	6	5	1	2	1	9	0	7	9	9	7	1	0
2273	4	3	4	6	5	3	4	4	4	3	3	5	5	1	1	1	9	0	9	8	9	8	1	0
2274	5	4	4	6	5	3	5	5	4	5	5	5	3	1	3	3	9	0	7	9	9	8	1	0
2275	6	6	5	6	4	3	5	5	5	4	1	0	4	2	4	1	7	0	7	9	9	7	1	0
2276	4	3	5	5	5	3	5	5	4	4	3	0	7	1	2	1	7	0	9	9	9	8	1	0
2277	4	4	4	5	4	3	5	5	5	3	3	6	5	2	2	1	9	0	9	8	9	7	1	0
2278	5	5	4	5	5	3	4	4	4	3	2	5	5	2	4	3	9	0	9	9	9	6	1	0
2279	4	4	4	5	5	3	3	3	4	2	2	0	4	1	2	1	9	0	9	9	9	8	1	0
2280	4	3	4	4	6	3	2	1	4	4	5	3	4	1	4	1	9	0	9	8	9	9	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HPR
2281	4	4	4	5	5	3	4	4	5	3	3	6	4	2	4	1	9	0	9	9	9	9	1	0
2282	5	5	4	5	5	3	4	3	4	2	1	0	4	2	2	1	9	0	7	9	9	9	8	0
2283	5	5	5	5	6	3	3	3	4	3	2	5	5	1	4	1	7	0	7	9	9	9	8	0
2284	5	4	4	4	6	3	4	4	5	3	2	6	4	1	2	1	7	0	9	9	9	9	1	0
2285	5	4	4	5	5	3	5	4	4	3	2	5	4	1	4	1	7	0	7	9	8	8	1	0
2286	4	4	4	5	5	3	4	3	4	2	1	6	5	1	2	1	7	0	9	9	9	9	1	0
2287	4	4	4	5	5	3	4	4	4	2	1	6	4	1	4	1	9	0	7	9	9	9	1	0
2288	4	3	4	4	5	3	4	4	4	3	3	5	3	1	4	1	9	0	7	9	9	8	0	
2289	4	3	4	4	5	3	4	3	4	2	5	6	4	1	1	1	9	0	9	9	9	8	0	
2290	5	4	4	4	5	3	4	4	5	3	3	6	4	2	1	1	9	0	9	9	9	9	1	0
2291	5	5	4	5	6	4	4	3	4	3	4	5	4	1	4	1	9	0	9	9	9	9	1	0
2292	4	4	4	5	5	3	4	4	4	3	2	5	4	1	2	1	7	0	9	9	9	8	0	
2293	4	4	4	4	5	3	2	2	5	3	1	4	3	1	4	3	9	0	9	9	8	8	0	
2294	5	4	4	5	5	3	4	3	4	3	1	5	4	1	1	1	9	0	7	9	9	9	1	0
2295	4	3	4	5	6	3	4	3	4	2	2	5	3	2	4	3	9	0	9	9	9	9	1	0
2296	4	3	4	5	5	3	3	4	6	4	3	5	4	1	4	1	9	0	9	9	9	9	1	0
2297	5	5	4	4	5	3	5	5	4	3	2	6	6	1	2	1	9	0	9	8	9	8	0	
2298	4	3	4	5	5	3	4	4	4	7	2	5	6	1	1	1	9	0	9	9	9	9	1	0
2299	4	5	4	4	5	3	3	3	5	2	2	0	3	1	4	1	9	0	7	9	9	9	1	0
2300	4	4	4	5	4	3	4	4	4	3	2	6	4	1	2	1	9	0	9	9	9	9	1	0
2301	4	3	4	5	4	3	4	3	4	4	2	5	4	1	2	1	9	0	9	8	9	9	1	0
2302	4	3	4	6	3	2	4	4	4	4	2	5	4	1	2	1	9	0	9	9	9	8	0	
2303	4	3	5	6	4	2	6	6	4	4	1	6	4	2	2	2	9	0	9	9	9	5	0	
2304	4	4	4	5	4	3	5	4	4	3	2	0	4	1	2	1	9	0	9	9	9	5	0	
2305	5	6	4	4	4	3	5	5	4	4	1	0	4	1	1	1	7	0	9	9	9	6	0	
2306	4	3	4	4	5	3	4	4	4	5	2	3	3	1	1	1	9	0	9	6	9	6	0	
2307	4	3	4	4	8	3	4	4	4	3	3	5	4	1	4	1	9	0	9	9	9	8	0	
2308	5	5	4	4	6	3	4	4	5	3	1	0	3	2	1	2	7	0	7	9	9	9	0	
2309	5	5	4	5	5	3	3	3	4	3	2	5	5	1	1	1	7	0	9	8	9	8	0	
2310	4	3	4	5	5	3	4	3	4	4	2	5	4	1	4	3	9	0	9	9	9	9	1	0
2311	4	3	4	5	5	3	5	5	4	4	1	5	4	2	2	1	9	0	9	9	9	9	1	0
2312	4	4	4	6	4	3	5	4	4	3	2	5	4	1	2	1	9	0	9	9	9	9	1	0
2313	5	5	4	6	5	3	4	4	4	2	1	6	4	1	3	3	9	0	9	8	9	8	0	
2314	4	4	4	4	5	3	5	5	4	4	1	5	5	1	4	1	9	0	7	8	9	4	0	
2315	5	5	4	5	5	3	4	4	4	3	2	6	4	2	4	2	9	0	9	9	9	8	0	
2316	4	4	4	5	4	3	4	4	4	3	2	6	5	2	2	3	9	0	5	9	9	8	0	
2317	5	5	4	5	4	3	5	5	4	3	2	6	5	2	1	1	7	0	9	8	9	8	0	
2318	4	4	4	5	4	2	5	4	4	3	2	6	5	1	1	1	7	0	9	8	9	8	0	
2319	5	5	4	5	4	2	4	5	5	3	2	6	5	1	3	3	7	0	9	8	9	6	0	
2320	5	5	4	5	4	3	5	5	4	4	2	6	5	2	5	2	9	0	9	8	9	8	0	

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ILC	DAF	FDU	DMA	EGT	CAW	GrH	BYD	SYD	HI	L/M	PD	HSW	PRO	SS	SCO	IRC	AB	FW	LM	CC	CM	COL	IDC	HER
2321	5	5	4	6	5	3	4	4	4	3	2	6	5	1	3	3	9	0	9	8	8	8	1	0
2322	4	4	4	5	5	3	4	4	4	3	2	5	4	1	2	1	9	0	9	8	9	8	1	0
2323	4	4	4	5	4	3	5	5	5	4	2	0	5	1	2	1	9	0	9	9	8	8	1	0
2324	4	4	4	5	5	3	4	4	4	4	4	5	4	1	2	3	7	0	9	7	5	9	1	0
2325	4	4	4	4	5	3	4	4	4	2	2	6	5	2	2	2	7	0	9	8	9	9	1	0
2326	4	4	4	4	6	3	2	2	4	2	4	5	4	1	1	1	7	0	7	9	9	8	1	0
2327	5	4	4	4	5	2	4	4	4	3	2	6	4	1	2	1	7	0	9	9	9	9	1	0
2328	5	6	4	4	5	3	4	4	5	3	2	0	5	1	1	1	7	0	7	9	9	9	1	0
2329	4	3	4	5	6	3	4	4	5	4	4	5	4	1	2	3	7	0	9	9	9	9	1	0
2330	5	5	5	5	5	3	4	5	5	3	2	0	5	1	3	3	7	0	7	8	9	9	1	0
2331	5	5	5	4	4	3	3	3	5	4	3	5	4	1	4	1	7	0	9	8	9	9	1	0
2332	5	5	4	4	6	2	2	3	5	4	1	5	4	1	1	1	9	0	9	9	9	9	1	0
2333	5	5	4	6	5	3	3	3	4	3	2	5	5	1	4	1	9	0	9	9	9	9	1	0
2334	5	5	4	5	5	3	4	4	4	2	2	6	4	1	3	1	9	0	5	9	9	9	1	0
2335	5	4	4	4	5	3	4	4	4	2	3	6	3	1	2	1	9	0	7	9	9	9	1	0
2336	4	4	5	5	5	3	5	4	4	4	3	0	4	1	1	1	7	0	9	8	9	9	1	0
2337	5	5	4	5	4	3	4	4	4	3	2	6	4	1	2	1	7	0	9	9	9	9	1	0
2338	5	5	4	6	4	3	4	4	4	4	1	5	4	1	1	3	7	0	9	8	9	7	1	0
2339	5	5	4	6	5	3	4	4	4	3	1	6	4	2	2	2	7	0	9	8	9	8	1	0
2340	4	4	4	6	3	3	5	5	5	3	1	6	4	1	1	1	7	0	9	8	9	8	1	0
2341	5	4	4	6	4	3	5	5	5	4	1	6	5	2	1	3	9	0	9	8	9	9	1	0
2342	4	3	4	7	4	3	5	5	4	4	3	5	5	1	2	1	7	0	9	9	9	9	1	0
2343	5	5	4	6	5	3	4	4	4	3	1	6	5	1	2	1	7	0	9	6	8	8	1	0
2344	4	3	4	6	5	3	4	5	5	4	2	5	4	1	1	3	9	0	9	8	9	8	1	0
2345	5	6	5	5	6	4	6	6	5	4	2	6	4	1	4	1	9	0	7	9	9	8	1	0
2346	5	5	5	5	5	4	5	5	5	5	3	5	5	1	1	1	7	0	9	8	9	8	1	0
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2348	4	4	4	6	5	3	5	4	4	4	2	5	4	1	2	1	7	0	9	9	9	9	1	0
2349	4	4	4	6	3	3	5	5	5	4	2	6	4	1	2	1	9	0	9	9	9	9	1	0
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2351	5	5	4	6	3	3	5	5	5	4	1	6	4	1	1	1	9	0	9	8	9	8	1	0
2352	4	4	4	5	3	3	4	4	5	4	2	5	4	2	4	2	9	0	7	8	9	9	1	0
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2355	5	5	4	5	5	3	3	3	4	1	2	6	5	2	2	2	7	0	9	8	9	8	1	0
2356	5	5	4	4	5	3	4	3	4	2	1	6	4	2	2	2	9	0	9	8	9	8	1	0
2357	4	3	4	4	5	3	2	2	5	3	2	5	3	1	4	3	7	0	9	7	9	8	1	0
2358	5	4	4	5	5	3	4	4	5	3	1	5	5	1	4	1	7	0	9	7	9	6	1	0
2359	4	4	4	5	3	3	4	4	4	2	2	0	4	1	4	1	7	0	9	9	9	7	1	0
2360	5	6	5	4	5	3	2	2	5	3	1	4	4	1	1	1	9	0	9	8	9	8	1	0



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
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2362	4	5	4	5	4	3	4	4	5	3	1	0	4	1	4	1	7	0	9	8	9	9	1	0
2363	5	5	4	5	5	3	4	4	5	3	2	5	3	1	4	1	7	0	9	8	9	9	1	0
2364	4	5	4	5	4	3	4	4	5	3	1	5	4	1	4	1	9	0	9	8	9	8	1	0
2365	4	5	5	5	4	3	3	3	5	4	4	4	3	1	2	1	9	0	9	8	9	9	1	0
2366	4	3	4	5	6	3	4	4	4	4	4	5	4	1	1	3	7	0	9	8	9	8	1	0
2367	5	5	4	6	3	3	5	4	4	4	4	5	5	1	4	1	7	0	9	9	9	9	1	0
2367	5	5	4	6	3	3	4	4	4	4	3	5	4	1	4	1	9	0	9	9	9	8	1	0
2369	4	4	4	4	4	3	3	3	4	3	4	5	3	1	3	3	7	0	9	8	9	7	1	0
2370	4	3	4	6	3	2	6	6	5	4	2	6	4	2	4	2	9	0	9	8	9	8	1	0
2371	3	5	4	4	5	3	3	3	4	5	3	3	5	1	4	3	9	0	9	8	9	5	1	0
2372	5	6	5	5	4	3	4	4	4	4	3	5	3	1	4	1	9	0	9	9	9	6	1	0
2373	4	5	4	6	4	3	4	4	4	3	3	0	5	2	4	2	7	0	9	9	9	5	1	0
2374	5	4	5	5	5	2	4	6	7	6	3	3	4	1	2	1	9	0	9	9	9	7	1	0
2375	4	3	4	4	4	2	2	2	5	4	3	3	4	1	4	1	9	0	9	9	9	9	1	0
2376	5	5	4	6	4	3	4	5	5	5	1	4	4	1	4	1	9	0	9	7	9	8	1	0
2377	4	4	4	5	4	3	4	4	5	4	3	5	4	2	4	2	7	0	9	9	9	6	1	0
2378	4	4	5	5	3	3	5	5	5	3	3	6	4	2	4	2	7	0	9	8	9	4	1	0
2379	4	4	5	7	1	3	6	6	4	4	2	6	4	2	2	2	7	0	9	9	9	9	1	0
2380	5	5	4	5	4	3	5	5	5	4	3	5	5	2	4	2	3	0	9	8	9	7	1	0
2381	5	5	4	5	5	3	4	4	6	4	3	5	4	2	4	2	7	0	9	8	9	5	1	0
2382	4	4	4	5	5	3	4	4	4	4	3	5	4	1	2	1	9	0	9	8	9	8	1	0
2383	5	5	5	7	2	2	7	6	4	4	2	6	5	-	0	0	9	0	5	9	9	9	5	0
2384	5	5	4	5	4	3	5	5	4	5	4	5	3	1	4	1	9	0	7	9	9	8	1	0
2385	5	5	4	4	4	3	4	4	4	4	5	5	3	2	4	2	9	0	9	9	9	8	1	0
2386	5	4	5	5	3	2	5	6	8	6	3	5	2	1	4	1	7	0	7	8	9	7	1	0
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2389	4	3	4	4	5	3	2	3	5	5	3	3	2	1	2	1	9	0	9	9	9	8	1	0
2390	4	3	4	4	5	3	3	3	5	5	3	3	2	1	4	1	7	0	9	9	9	8	1	0
2391	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
2392	4	5	4	4	5	3	3	3	5	5	3	3	3	1	4	1	9	0	9	9	9	9	1	0
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2394	4	3	4	4	6	3	2	2	5	5	3	3	2	1	1	1	7	0	9	9	9	6	1	0
2395	4	3	4	4	5	3	2	3	5	5	2	3	3	1	2	1	7	0	9	8	9	8	1	0
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2398	5	5	4	4	5	4	2	3	5	5	1	3	3	1	2	1	9	0	9	9	9	9	1	0
2399	4	5	4	4	5	3	3	4	5	5	3	3	2	1	4	1	9	0	9	8	9	9	1	0
2400	4	3	4	4	5	3	2	2	5	4	5	4	2	1	4	1	9	0	9	8	9	9	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
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2402	4	4	4	6	4	3	2	3	5	3	2	5	2	1	4	1	9	0	9	8	8	8	1	0
2403	5	4	5	5	4	2	4	4	5	4	3	5	2	2	4	2	7	0	9	8	9	7	1	0
2404	4	4	5	6	5	4	5	5	5	2	3	6	1	2	2	3	9	0	9	9	9	9	1	0
2405	6	6	5	6	3	2	6	6	4	5	3	6	5	2	4	2	7	0	9	9	9	8	9	0
2406	5	3	5	3	5	3	2	2	5	2	3	5	4	1	4	1	7	0	9	9	9	6	1	0
2407	4	3	5	4	5	2	3	3	5	5	4	3	2	1	4	1	9	0	9	8	9	8	1	0
2408	5	5	4	6	3	3	4	4	5	4	3	5	4	1	4	1	7	0	9	9	9	7	5	0
2409	5	3	4	4	4	2	4	4	5	5	3	4	3	1	1	1	9	0	9	7	9	6	1	0
2410	4	4	5	4	4	3	2	3	5	4	5	4	2	1	4	1	8	0	9	9	9	7	1	0
2411	4	4	4	4	5	3	3	3	5	4	5	4	3	1	2	3	9	0	9	8	9	7	1	0
2412	5	5	4	6	5	4	5	5	4	4	8	0	4	1	4	1	9	0	9	9	9	6	1	0
2413	4	4	4	6	5	3	5	4	4	5	4	5	5	1	4	1	9	0	9	8	9	6	1	0
2414	5	6	5	5	5	3	4	4	4	5	3	4	3	1	1	1	7	0	9	9	9	7	1	0
2415	4	4	5	4	5	3	4	4	4	4	3	5	4	1	4	1	7	0	9	9	9	6	1	0
2416	5	4	5	6	4	3	3	3	4	2	2	5	4	1	4	1	7	0	9	8	9	5	1	0
2417	4	4	4	4	5	3	4	4	4	4	3	5	4	1	4	1	7	0	9	9	9	8	1	0
2418	4	5	4	5	4	3	4	3	4	4	3	4	4	1	4	1	7	0	9	8	9	9	1	0
2419	4	3	5	5	3	3	5	4	4	4	3	5	4	1	4	1	9	0	9	9	9	9	1	0
2420	4	4	5	4	4	3	3	3	4	3	2	5	4	1	4	1	7	0	9	8	9	8	1	0
2421	4	5	5	5	6	3	4	4	4	5	1	4	4	1	1	1	9	0	9	8	8	9	1	0
2422	4	4	5	5	3	3	3	3	4	4	4	4	4	1	4	1	9	0	9	7	9	8	1	0
2423	5	6	5	4	3	3	4	3	4	3	3	5	4	1	4	1	7	0	9	8	9	9	1	0
2424	5	5	5	6	3	3	5	5	4	3	1	6	5	1	3	3	9	0	9	9	8	9	1	0
2425	5	6	4	5	4	2	4	4	5	4	4	5	5	1	4	1	7	0	7	8	9	7	1	0
2426	5	5	4	5	3	3	3	3	4	3	5	5	4	2	4	2	9	0	9	8	9	5	1	0
2427	4	4	4	5	3	3	4	3	4	5	3	4	5	1	4	1	9	0	9	8	9	7	1	0
2428	5	5	4	4	5	3	3	3	4	4	4	5	6	2	4	2	7	0	9	9	9	7	1	0
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2430	4	3	4	6	3	3	5	4	3	5	2	4	5	2	4	3	9	0	7	9	8	9	1	0
2431	5	5	4	4	5	3	4	3	4	5	3	4	3	1	1	1	9	0	9	8	9	9	1	0
2432	5	5	4	5	4	3	4	4	4	5	3	4	4	1	1	1	9	0	9	8	9	9	1	0
2433	4	3	5	6	4	3	5	4	4	5	5	4	5	1	3	3	9	0	9	8	9	9	1	0
2434	4	4	4	5	4	3	5	5	4	5	5	5	5	2	4	2	9	0	7	8	9	9	1	0
2435	6	5	5	5	4	3	5	5	5	4	3	5	3	1	4	1	9	0	5	8	9	9	1	0
2436	5	6	5	5	3	3	4	4	4	3	4	5	3	1	4	1	9	0	5	9	9	8	1	0
2437	5	5	5	5	4	3	4	5	5	4	3	5	4	1	4	1	9	0	7	7	9	9	1	0
2438	4	3	4	5	5	3	4	4	4	5	4	4	6	1	1	1	9	0	9	9	9	8	1	0
2439	3	3	4	6	4	3	4	3	4	4	3	4	5	1	1	1	7	0	9	9	9	8	1	0
2440	3	3	4	4	5	3	3	3	4	4	4	4	4	1	4	1	7	0	9	8	9	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrE	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER	
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2442	4	4	4	5	5	3	5	4	4	4	2	5	4	1	4	1	9	0	9	7	9	9	8	1	0
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2444	4	5	5	6	3	3	5	4	5	5	5	4	4	1	4	1	7	0	9	8	9	7	1	0	
2445	5	5	5	6	3	3	5	4	4	4	3	5	5	1	4	1	8	0	9	8	9	8	1	0	
2446	4	3	5	6	3	3	4	4	5	4	4	5	3	1	4	1	7	0	9	8	9	8	1	0	
2447	4	4	4	4	4	3	4	3	4	4	3	5	5	2	4	1	9	0	9	8	9	8	1	0	
2448	4	4	4	5	4	3	5	4	3	4	3	5	5	1	4	1	9	0	9	8	9	9	1	0	
2449	4	4	4	4	5	2	4	3	4	4	3	5	4	2	4	2	9	0	9	8	8	8	1	0	
2450	4	4	4	5	4	2	4	4	5	4	4	5	4	1	4	1	7	0	9	9	9	8	1	0	
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2455	5	4	5	5	4	3	3	4	5	4	3	5	4	2	2	2	7	0	9	9	9	6	1	0	
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2459	5	3	5	4	4	3	4	4	5	4	4	5	2	1	2	1	9	0	9	9	9	9	1	0	
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2470	4	4	5	5	3	3	5	5	4	5	3	5	5	1	4	1	9	0	9	8	9	8	1	0	
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2476	4	5	5	7	3	3	6	6	5	3	6	6	3	1	2	1	9	0	9	8	9	8	1	0	
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2478	4	4	5	5	4	3	4	4	4	4	2	4	5	1	4	1	9	0	9	8	9	9	1	0	
2479	4	3	5	4	5	3	4	4	5	5	2	4	5	1	4	1	9	0	9	9	9	5	1	0	
2480	5	6	5	4	5	3	4	5	6	4	3	5	2	1	4	2	7	0	7	8	9	8	1	0	

294 Catalog of Chickpea Germplasm

ILC	DAF	PDU	DNA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LK	CC	CN	COL	IDC	HER
2481	4	3	4	5	4	3	4	4	5	4	3	5	4	1	4	1	7	0	9	8	9	8	1	0
2482	4	4	4	4	5	3	4	3	4	4	3	5	4	2	4	2	7	0	9	8	9	9	1	0
2483	3	3	4	4	5	3	5	5	4	4	4	5	3	1	4	1	7	0	9	8	9	8	1	0
2484	5	6	5	4	4	3	4	4	5	4	3	5	3	1	4	2	9	0	7	8	9	9	1	0
2485	6	5	5	4	4	3	4	4	5	4	3	5	2	1	4	1	9	0	9	8	9	7	1	0
2486	4	5	5	5	4	3	5	5	5	3	9	6	4	1	2	1	9	0	9	8	9	9	1	0
2487	4	3	5	5	4	3	5	6	5	3	9	6	4	1	2	1	9	0	9	8	9	7	1	0
2488	4	5	5	7	3	3	7	7	5	4	2	6	4	1	4	3	9	0	7	8	9	8	1	0
2489	5	5	5	5	4	4	6	6	4	5	3	6	6	2	4	3	9	0	9	8	9	9	1	0
2490	6	6	5	7	4	3	6	6	5	6	3	5	5	2	4	2	9	0	9	9	9	7	1	0
2491	4	4	5	7	3	3	7	7	4	4	3	6	3	1	4	3	9	0	9	8	9	5	1	0
2492	4	3	5	7	4	4	7	6	4	6	2	5	4	2	4	3	9	0	9	8	9	9	1	0
2493	6	5	6	7	3	4	7	6	4	6	2	5	4	1	4	1	9	0	9	7	9	8	1	0
2494	4	6	5	5	4	4	6	6	5	4	1	6	5	1	1	1	9	0	7	9	9	9	1	0
2495	5	6	5	7	4	4	6	6	4	5	1	5	5	2	4	1	9	0	9	9	9	7	1	0
2496	5	6	5	2	4	3	5	5	4	5	5	5	5	2	2	2	7	0	7	9	9	5	1	0
2497	5	6	5	3	4	3	4	4	5	5	4	5	4	1	4	1	9	0	9	8	9	8	1	0
2498	4	4	5	5	4	3	6	6	4	6	3	4	4	1	4	1	9	0	9	9	9	9	1	0
2499	4	4	4	4	4	3	4	4	4	4	4	5	3	1	3	3	9	0	9	9	9	9	1	0
2500	4	3	4	4	5	3	4	4	4	4	3	4	4	1	4	1	9	0	9	9	9	9	1	0
2501	5	4	5	5	4	3	4	4	5	5	4	4	3	1	4	1	9	0	9	8	9	9	1	0
2502	4	3	4	4	4	3	3	3	4	4	2	4	4	1	2	1	9	0	9	8	9	9	1	0
2503	4	3	4	4	5	3	4	4	4	4	3	5	5	1	3	3	7	0	9	9	9	9	1	0
2504	4	5	4	5	4	3	6	6	5	4	2	6	6	1	4	1	9	0	9	9	9	9	1	0
2505	4	2	6	8	1	2	7	7	4	5	1	6	4	2	2	2	9	0	9	9	9	6	1	0
2506	5	5	5	3	4	3	4	4	5	4	5	5	5	2	4	2	3	0	9	8	9	5	1	0
2507	4	3	4	4	4	3	3	3	4	2	3	5	5	1	4	3	9	0	9	8	9	9	1	0
2508	5	5	4	5	5	3	4	4	4	3	2	6	3	2	4	1	9	0	7	9	9	9	1	0
2509	4	3	4	4	4	2	5	5	5	3	2	6	6	1	3	3	9	0	9	8	9	9	1	0
2510	3	3	4	4	3	3	5	5	5	3	2	6	5	1	3	3	9	0	9	9	9	9	1	0
2511	4	4	4	4	4	3	4	4	4	5	2	4	5	1	4	1	9	0	9	9	9	9	1	0
2512	5	3	4	4	4	3	4	5	6	5	9	5	4	1	3	1	9	0	9	9	9	9	1	0
2513	4	3	4	4	4	3	4	4	5	5	4	4	5	1	4	3	9	0	9	9	9	9	1	0
2514	4	4	4	5	4	3	5	4	4	5	3	4	6	2	4	2	9	0	9	9	9	9	1	0
2515	5	5	4	5	4	3	6	6	5	6	5	4	6	1	1	1	9	0	9	8	9	7	1	0
2516	4	4	4	7	4	3	4	4	4	4	3	5	5	2	4	1	9	0	9	9	9	9	1	0
2517	4	3	4	4	5	3	3	3	4	4	8	4	6	1	4	1	9	0	9	8	9	8	1	0
2518	4	4	4	4	4	3	5	5	5	4	3	5	5	2	2	1	7	0	9	9	9	8	1	0
2519	5	6	4	5	4	3	5	5	5	5	3	4	5	1	4	1	9	0	9	9	9	7	1	0
2520	5	6	4	4	4	3	5	4	4	3	2	6	6	1	1	1	7	0	9	8	9	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER	
2521	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0	
2522	5	5	5	4	3	3	4	4	4	4	3	5	5	1	4	1	9	0	9	8	9	9	5	1	0
2523	4	4	4	4	4	3	3	3	5	4	4	4	5	2	5	1	7	0	9	7	9	9	6	1	0
2524	5	4	4	3	4	2	3	3	5	4	3	4	5	1	4	1	7	0	9	7	9	9	8	1	0
2525	5	5	4	4	3	2	4	4	4	5	3	4	6	1	4	1	7	0	9	7	9	9	8	1	0
2526	5	5	4	4	4	2	3	3	5	5	4	4	5	1	4	1	7	0	9	9	9	9	8	1	0
2527	4	3	5	5	4	3	5	5	4	3	1	6	6	1	1	1	9	0	9	9	9	9	9	1	0
2528	4	3	4	4	4	3	4	4	4	4	3	5	5	1	2	1	9	0	9	8	9	9	8	1	0
2529	4	3	5	7	2	3	7	6	3	5	2	6	7	2	4	2	9	0	9	8	9	9	5	1	0
2530	5	5	5	5	4	3	5	5	4	3	3	6	5	1	1	1	9	0	9	9	9	9	9	1	0
2531	4	3	4	4	4	3	4	4	4	4	4	4	5	2	4	2	9	0	7	8	9	9	8	1	0
2532	4	3	4	5	4	3	4	3	3	1	2	6	6	1	4	1	9	0	9	8	9	9	9	1	0
2533	4	3	4	4	5	3	4	4	4	4	5	5	5	1	4	1	9	0	9	9	9	9	9	1	0
2534	4	3	4	4	4	3	3	3	4	4	3	4	5	1	1	1	9	0	9	9	9	9	9	1	0
2535	5	5	5	5	4	3	4	3	4	4	2	5	5	1	3	1	9	0	9	9	9	9	9	1	0
2536	4	3	4	4	4	3	4	4	4	4	4	5	4	1	4	1	9	0	9	9	9	9	9	1	0
2537	5	5	5	5	4	3	4	4	5	4	5	5	4	1	4	1	9	0	9	8	9	9	9	1	0
2538	4	3	5	5	4	3	5	4	4	3	3	6	4	1	4	1	9	0	9	8	9	9	8	1	0
2539	5	4	5	5	4	3	3	4	5	4	4	5	3	1	4	1	7	0	9	9	9	9	8	1	0
2540	4	5	4	5	4	3	4	4	4	3	2	6	5	2	2	1	7	0	9	9	9	9	8	1	0
2541	4	4	4	7	4	3	5	5	4	3	1	6	5	2	1	3	7	0	9	8	9	9	9	1	0
2542	5	5	5	5	4	3	3	4	5	4	3	5	3	1	2	1	7	0	9	8	9	9	9	1	0
2543	5	6	5	5	4	3	3	2	4	3	3	5	4	1	4	1	7	0	9	8	9	9	8	1	0
2544	5	5	5	5	4	3	3	3	4	3	3	5	4	1	4	1	7	0	9	9	9	8	8	1	0
2545	5	5	5	5	4	3	4	4	4	3	2	5	5	2	4	2	7	0	9	9	9	9	8	1	0
2546	4	4	5	5	4	3	4	3	4	3	3	5	5	1	4	1	7	0	9	8	9	9	7	1	0
2547	5	5	5	7	3	3	4	4	5	4	3	5	4	1	4	1	9	0	9	9	9	9	6	1	0
2548	4	4	4	4	4	3	3	3	5	3	8	5	3	2	2	2	4	0	9	8	9	9	6	1	0
2549	5	5	4	4	4	3	3	3	4	4	4	5	4	1	2	1	9	0	9	9	9	9	9	1	0
2550	5	6	4	5	4	3	5	5	4	5	4	5	4	1	2	1	9	0	9	9	9	9	9	1	0
2551	5	4	4	5	4	3	5	5	5	4	2	0	5	1	1	1	9	0	9	8	9	9	9	1	0
2552	5	5	4	4	4	3	3	4	5	3	5	5	5	2	4	2	7	0	9	9	9	9	5	1	0
2553	5	5	5	4	4	3	3	4	5	4	8	5	4	1	4	1	9	0	7	8	9	9	9	1	0
2554	5	4	4	4	4	3	2	2	4	4	7	4	4	1	1	1	9	0	9	8	9	9	9	1	0
2555	5	5	4	4	4	3	5	5	4	4	2	5	3	2	4	2	7	0	9	8	9	9	5	1	0
2556	5	4	5	5	4	3	2	4	6	5	3	4	3	1	4	1	9	0	9	6	9	9	9	1	0
2557	5	4	4	4	4	2	2	3	5	4	4	4	3	1	4	1	9	0	9	9	8	9	9	1	0
2558	4	3	4	4	3	3	6	6	4	3	1	6	3	2	2	2	9	0	9	8	9	9	8	1	0
2559	6	5	5	5	3	4	3	3	5	3	3	5	1	1	4	3	9	0	7	8	9	9	5	1	0
2560	5	6	4	4	4	3	3	3	4	4	2	5	2	1	2	1	7	0	9	8	9	9	8	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
2561	4	4	4	4	4	3	3	4	5	4	3	4	4	1	4	1	7	0	9	8	9	8	1	0
2562	4	4	4	4	4	3	1	2	5	4	2	3	3	1	4	1	7	0	9	9	9	7	1	0
2563	4	4	4	4	4	3	3	3	5	4	3	4	3	1	2	1	7	0	7	9	9	8	1	0
2564	5	5	4	4	4	3	4	4	5	3	2	0	3	1	3	3	7	0	5	8	7	8	1	0
2565	4	3	4	4	4	3	2	1	4	3	2	4	5	1	1	1	7	0	9	9	9	8	1	0
2566	3	4	4	4	4	3	3	2	4	4	2	4	3	1	2	1	7	0	9	9	9	8	1	0
2567	4	2	4	4	4	3	3	3	4	5	2	4	4	1	1	1	9	0	9	9	9	8	1	0
2568	4	3	4	4	4	3	3	3	4	4	3	4	4	1	4	1	7	0	9	9	9	8	1	0
2569	5	4	4	4	4	2	5	3	5	4	2	4	4	1	1	1	7	0	9	9	9	9	1	0
2570	4	4	4	4	4	3	2	3	5	5	3	3	3	1	1	1	7	0	9	9	8	9	1	0
2571	4	4	4	4	4	3	3	4	5	4	4	4	3	1	4	1	7	0	9	7	9	8	1	0
2572	4	4	4	2	4	3	1	3	6	4	3	4	2	1	4	1	7	0	9	9	9	8	1	0
2573	4	4	4	4	4	3	2	2	5	5	3	3	4	1	1	1	7	0	9	8	9	9	1	0
2574	3	3	4	4	4	3	3	2	4	5	2	3	4	1	2	1	7	0	9	9	8	8	1	0
2575	4	3	4	4	4	3	2	2	5	5	3	3	4	1	2	1	7	0	9	9	8	8	1	0
2576	3	3	4	5	5	3	3	3	4	4	2	4	4	1	1	1	7	0	9	9	9	8	1	0
2577	4	4	4	4	4	3	3	4	5	5	7	3	3	1	4	1	9	0	9	8	9	8	1	0
2578	3	3	4	4	4	3	5	4	4	5	2	3	4	1	1	1	7	0	9	9	9	8	1	0
2579	3	4	4	5	4	3	4	4	5	5	3	4	4	1	2	1	9	0	9	9	9	8	1	0
2580	3	3	4	3	4	3	4	4	5	5	2	3	3	1	1	1	9	0	9	9	8	9	1	0
2581	4	3	4	4	4	2	3	4	5	5	2	4	3	1	1	1	7	0	9	8	8	8	1	0
2582	4	3	4	4	5	3	3	3	4	3	2	5	4	1	2	3	6	0	7	8	9	9	1	0
2583	4	4	4	5	4	3	2	3	4	4	2	4	4	1	1	3	9	0	9	8	9	9	1	0
2584	4	3	5	4	4	2	3	4	5	5	4	5	4	1	2	1	7	0	9	9	9	8	1	0
2585	4	4	4	4	4	3	4	4	4	4	4	5	4	1	4	1	6	0	7	8	9	8	1	0
2586	4	3	4	5	4	3	5	5	6	5	4	5	5	1	4	1	7	0	9	9	9	8	1	0
2587	4	3	4	4	4	3	3	3	4	5	3	3	3	1	2	1	9	0	9	8	9	8	1	0
2588	4	3	4	2	5	3	3	3	5	5	2	3	4	1	2	1	9	0	9	9	9	8	1	0
2589	4	4	4	4	4	3	3	3	4	4	3	4	4	1	4	1	7	0	9	9	9	8	1	0
2590	4	3	4	5	4	3	4	4	4	5	2	3	3	1	4	1	9	0	9	9	8	9	1	0
2591	4	3	4	2	4	3	2	2	4	4	3	5	5	1	4	1	9	0	9	9	8	7	1	0
2592	4	3	4	4	4	3	4	4	5	5	4	4	4	1	2	1	9	0	9	8	9	9	1	0
2593	5	5	4	2	5	3	1	2	6	5	5	2	4	1	4	1	9	0	9	8	9	9	1	0
2594	4	3	4	4	5	3	4	4	4	5	2	3	5	1	1	1	9	0	7	9	9	8	1	0
2595	4	4	4	4	3	3	4	4	4	3	5	5	5	2	4	2	9	0	9	9	9	9	1	0
2596	4	3	4	5	4	3	4	4	4	4	3	5	4	1	4	1	9	0	7	9	9	9	1	0
2597	5	5	4	7	4	3	4	4	4	4	3	5	4	1	4	1	9	0	9	8	9	9	1	0
2598	4	3	4	4	4	3	3	3	4	4	2	4	4	1	4	1	9	0	9	9	9	9	1	0
2599	4	3	4	4	3	2	2	2	5	4	3	4	4	1	4	1	9	0	9	9	9	9	1	0
2600	4	3	4	5	4	3	4	4	4	4	3	5	5	1	4	1	7	0	9	9	9	9	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SEO	AB	FW	LM	CC	CM	COL	IDC	BER
2601	4	3	4	5	4	4	4	3	3	3	4	5	4	1	4	1	9	0	9	9	9	9	1	0
2602	4	3	4	5	4	3	5	5	5	4	4	5	4	1	4	1	9	0	9	9	9	9	1	0
2603	4	3	4	5	4	3	4	4	4	5	3	4	5	2	4	2	9	0	9	9	9	9	1	0
2604	5	4	4	3	4	2	3	3	4	3	6	5	4	2	4	2	9	0	9	9	9	7	1	0
2605	3	3	4	4	5	3	2	3	4	4	1	4	5	1	4	3	9	0	9	8	9	9	1	0
2606	4	3	4	4	5	3	1	1	5	7	4	4	3	1	4	3	9	0	9	8	9	9	1	0
2607	4	4	4	4	4	4	3	4	5	5	3	3	4	1	2	3	9	0	9	8	9	9	1	0
2608	4	4	4	4	4	3	3	3	4	2	4	5	4	2	4	2	9	0	9	9	9	8	1	0
2609	4	4	4	5	3	3	5	5	5	3	2	6	3	1	2	2	7	0	9	9	9	8	1	0
2610	4	4	4	3	5	3	2	2	4	4	4	4	3	1	4	1	9	0	9	8	9	9	1	0
2611	4	4	4	5	3	2	5	5	5	3	3	6	4	1	1	3	7	0	9	9	9	9	1	0
2612	4	5	4	5	4	3	4	4	4	4	3	4	4	2	4	2	9	0	9	9	9	9	1	0
2613	4	3	4	4	5	3	3	2	4	4	4	4	4	1	4	1	7	0	9	8	9	9	1	0
2614	4	3	4	4	4	3	4	4	5	5	3	4	5	1	4	1	9	0	9	8	9	9	1	0
2615	5	5	5	4	4	3	3	3	4	4	1	5	5	1	1	1	9	0	7	9	9	8	1	0
2616	4	4	4	5	4	3	5	5	5	4	1	5	4	1	4	1	7	0	9	9	8	8	1	0
2617	6	6	5	4	4	4	3	4	5	4	2	5	5	1	3	1	7	0	5	8	9	8	1	0
2618	6	5	5	4	5	3	3	4	6	4	2	5	5	1	1	1	9	0	5	9	8	8	1	0
2619	4	4	4	5	4	3	4	4	4	4	2	5	5	1	3	3	7	0	9	9	8	8	1	0
2620	4	4	4	4	4	3	3	3	4	3	2	5	5	1	2	3	7	0	9	9	9	8	1	0
2621	4	3	4	4	4	3	5	4	4	4	3	5	4	1	2	1	7	0	9	6	8	8	1	0
2622	4	5	4	5	4	3	5	5	4	4	1	0	4	1	2	1	7	0	4	9	9	8	1	0
2623	4	3	4	4	4	3	5	4	4	3	2	6	4	2	4	2	9	0	7	9	9	8	1	0
2624	6	6	5	4	4	3	4	4	4	4	1	5	5	1	3	3	9	0	9	9	8	8	1	0
2625	4	4	4	7	4	3	4	3	4	5	3	4	4	1	4	1	9	0	9	9	9	9	1	0
2626	4	4	4	5	4	3	5	5	4	4	2	5	5	1	4	1	9	0	9	8	9	9	9	0
2627	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
2628	4	4	4	7	4	4	5	5	5	3	4	6	4	1	2	3	9	0	9	9	9	8	1	0
2629	4	4	4	7	3	2	5	4	3	3	1	6	5	-	0	0	9	0	9	9	9	8	1	0
2630	4	4	4	7	4	3	4	5	6	4	1	6	5	1	4	3	9	0	9	9	9	9	1	0
2631	4	3	4	4	4	3	4	4	4	4	1	5	4	1	5	3	7	0	9	9	9	8	1	0
2632	4	3	4	4	4	3	3	3	4	4	3	4	5	1	2	1	9	0	9	9	9	5	1	0
2633	4	4	4	5	3	3	5	4	4	3	5	6	4	1	1	1	7	0	9	9	9	6	1	0
2634	4	5	5	5	4	3	4	4	4	2	9	6	4	1	2	2	9	0	9	9	9	9	1	0
2635	3	3	4	5	4	3	5	4	4	2	3	6	5	1	4	1	9	0	9	8	8	9	1	0
2636	4	4	4	7	4	4	6	5	3	3	2	6	4	2	4	1	9	0	9	8	9	6	1	0
2637	4	4	4	7	4	4	6	5	4	3	3	6	4	2	4	2	9	0	9	8	8	8	1	0
2638	4	3	4	4	4	3	3	4	6	5	5	4	3	2	1	2	7	0	9	9	9	8	1	0
2639	4	4	4	4	2	3	6	5	4	3	3	6	3	2	2	2	9	0	9	8	8	9	1	0
2640	4	5	5	5	3	3	6	6	5	4	2	6	3	1	2	1	9	0	9	9	9	9	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
2641	5	5	5	4	5	3	3	4	6	4	3	5	3	1	1	1	9	0	7	9	9	5	1	0
2642	5	5	5	7	4	2	5	6	6	5	3	5	4	1	4	1	7	0	9	9	9	5	1	0
2643	5	5	5	7	3	3	5	5	6	5	3	5	5	1	4	1	9	0	9	8	8	8	5	0
2644	5	6	5	5	3	3	4	5	6	5	3	5	3	2	4	2	9	0	9	9	9	5	1	0
2645	5	6	6	5	3	3	4	5	7	5	3	5	4	2	4	2	9	0	9	8	9	4	1	0
2646	5	4	5	6	2	2	7	7	5	6	3	6	6	2	4	2	9	0	9	9	9	6	5	0
2647	4	5	6	7	2	3	5	5	5	5	3	5	4	1	4	1	9	0	7	9	9	4	1	0
2648	5	5	6	4	4	3	4	6	8	6	3	4	5	1	4	1	9	0	9	9	8	4	1	0
2649	4	4	4	4	4	3	3	3	5	5	2	4	4	1	4	1	9	0	9	9	8	7	1	0
2650	4	5	4	4	5	3	4	4	5	5	2	4	4	1	4	1	7	0	9	9	9	8	1	0
2651	4	4	4	6	4	3	5	4	4	6	3	3	3	1	2	1	9	0	9	9	9	9	1	0
2652	4	4	5	5	4	3	5	5	4	4	2	6	4	2	1	2	9	0	9	9	9	8	1	0
2653	4	3	5	6	4	3	6	6	4	4	2	6	3	2	2	2	7	0	9	9	9	9	1	0
2654	4	3	5	6	4	3	4	3	4	4	2	4	4	1	4	1	9	0	9	9	9	8	1	0
2655	5	5	5	4	3	2	5	5	5	5	3	5	3	1	2	1	7	0	9	8	8	9	1	0
2656	5	5	4	5	4	3	4	4	5	3	3	5	3	2	4	2	7	0	9	9	9	9	1	0
2657	5	5	4	3	4	3	5	5	5	5	3	5	3	1	2	1	7	0	7	9	8	9	1	0
2658	4	3	4	5	4	3	5	4	4	5	3	4	6	1	1	1	9	0	9	8	9	8	1	0
2659	4	5	4	4	4	3	4	4	5	4	3	5	3	1	4	1	7	0	7	9	8	7	1	0
2660	4	4	4	5	3	3	5	5	5	4	3	5	5	1	4	1	7	0	9	9	9	8	1	0
2661	4	3	4	5	4	3	3	3	4	3	3	5	3	1	2	1	7	0	9	8	9	6	1	0
2662	4	4	4	5	3	3	4	4	4	4	3	5	4	1	4	2	7	0	9	9	9	9	1	0
2663	5	5	4	5	4	3	3	3	4	5	2	3	3	1	1	1	9	0	9	9	9	7	1	0
2664	4	3	4	4	4	3	4	3	4	4	3	5	3	1	4	2	7	0	9	9	8	9	1	0
2665	5	4	4	5	4	3	4	4	5	4	6	5	4	2	4	2	7	0	9	9	9	4	1	0
2666	4	5	4	5	3	3	5	4	4	4	2	5	3	2	4	2	8	0	9	9	9	8	1	0
2667	4	4	4	4	4	3	4	4	4	3	2	6	4	2	4	2	9	0	9	9	9	8	1	0
2668	5	5	4	5	4	3	5	5	5	3	2	6	2	1	2	2	7	0	9	9	8	9	1	0
2669	4	4	4	3	4	3	3	3	4	4	2	5	4	1	2	1	7	0	9	8	8	8	1	0
2670	4	4	4	5	3	3	5	5	5	3	1	6	5	1	1	1	9	0	7	9	9	8	1	0
2671	4	5	4	5	4	3	3	3	4	2	2	6	4	2	4	2	7	0	9	9	9	9	1	0
2672	4	3	4	5	4	3	3	3	5	4	3	4	3	1	2	1	9	0	9	9	9	8	1	0
2673	4	5	4	5	3	3	6	5	4	2	2	6	2	2	4	2	9	0	9	9	8	8	1	0
2674	4	4	4	5	4	3	6	5	4	2	2	6	2	2	1	2	7	0	9	9	9	9	1	0
2675	4	4	4	5	3	3	6	5	4	2	2	6	2	2	2	2	9	0	9	9	9	9	1	0
2676	4	4	4	5	3	3	5	4	4	1	1	6	2	2	2	2	9	0	9	9	9	9	1	0
2677	4	3	4	5	4	3	5	5	4	2	1	6	2	2	4	2	7	0	9	9	9	8	1	0
2678	4	4	4	4	4	3	5	5	5	3	3	6	2	2	2	2	9	0	9	9	9	9	1	0
2679	5	5	5	6	4	2	3	3	5	4	2	4	3	1	4	1	7	0	9	8	9	8	1	0
2680	5	5	4	1	4	2	3	3	5	4	4	4	3	1	4	1	7	0	9	9	9	7	1	0



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
2681	4	4	4	3	5	3	4	4	5	3	2	6	3	1	1	1	7	0	9	9	8	9	1	0
2682	4	4	4	5	4	3	4	4	4	3	2	5	4	1	1	2	7	0	9	8	9	9	1	0
2683	5	5	4	4	5	3	3	4	6	4	3	5	4	1	1	1	9	0	9	8	9	8	1	0
2684	4	5	4	4	5	3	5	4	4	3	3	5	4	2	1	1	7	0	9	9	9	8	1	0
2685	4	3	4	4	5	3	4	4	5	3	2	5	3	2	2	2	7	0	9	9	9	9	1	0
2686	4	4	4	3	5	3	4	4	4	3	2	6	4	1	2	2	7	0	9	9	9	9	1	0
2687	5	3	4	2	5	3	6	5	1	4	3	6	4	1	2	1	7	0	9	9	9	9	1	0
2688	4	3	4	4	4	3	5	6	6	4	2	6	4	1	2	1	7	0	9	9	9	8	1	0
2689	5	5	4	4	5	3	5	5	4	4	3	6	4	1	1	1	7	0	9	9	9	8	1	0
2690	5	6	4	4	4	3	5	5	5	4	4	5	4	1	4	1	7	0	9	9	9	9	1	0
2691	5	5	4	4	4	3	4	4	4	3	3	5	5	1	4	1	7	0	9	9	9	8	1	0
2692	4	4	4	5	3	3	5	5	4	4	3	0	5	1	1	1	7	0	9	9	9	8	1	0
2693	5	6	4	4	4	3	6	5	4	4	3	6	5	1	1	1	7	0	9	9	9	8	1	0
2694	4	4	4	5	4	3	5	4	4	3	3	0	5	1	1	1	7	0	9	9	9	8	1	0
2695	5	5	4	4	4	3	5	4	4	5	3	5	5	1	4	1	9	0	9	9	9	7	1	0
2696	5	5	4	5	4	3	3	2	4	4	5	4	6	1	4	1	9	0	9	8	8	7	1	0
2697	4	3	4	6	4	3	5	5	4	3	2	0	5	1	1	1	7	0	9	8	9	9	1	0
2698	4	5	4	5	3	3	5	5	5	4	3	5	5	1	4	1	7	0	9	9	9	8	1	0
2699	4	3	4	4	4	3	3	3	4	3	3	5	6	1	1	1	7	0	9	7	9	6	1	0
2700	5	4	4	4	5	3	5	5	4	4	3	6	4	1	1	1	7	0	9	9	9	8	1	0
2701	4	5	4	5	5	3	4	4	5	3	3	5	4	1	1	2	7	0	9	9	9	9	1	0
2702	4	3	4	5	4	3	4	4	4	3	3	0	5	1	1	1	7	0	9	9	9	8	1	0
2703	4	4	4	3	4	3	5	4	4	3	3	5	5	1	1	1	7	0	9	9	9	8	1	0
2704	4	4	4	4	4	3	5	5	4	2	3	6	5	1	1	1	7	0	9	9	9	9	1	0
2705	4	4	4	5	5	3	4	4	4	3	2	0	6	1	1	1	7	0	9	9	9	7	1	0
2706	5	4	4	4	5	3	5	5	4	4	3	0	5	1	1	1	7	0	9	9	9	9	1	0
2707	5	5	4	5	4	3	6	5	4	4	3	6	6	1	1	1	7	0	9	8	9	9	1	0
2708	4	4	4	4	4	3	4	4	5	3	3	6	6	1	1	1	7	0	9	9	9	9	1	0
2709	4	3	4	5	4	3	5	5	4	4	2	5	5	1	1	2	7	0	9	9	9	8	1	0
2710	5	5	4	5	4	3	6	6	4	5	4	0	6	1	1	1	7	0	9	9	9	9	1	0
2711	5	5	4	4	3	3	6	5	4	4	4	0	6	1	2	1	7	0	9	9	9	8	1	0
2712	4	4	4	4	4	3	4	4	4	3	2	6	6	1	2	2	7	0	9	9	8	8	1	0
2713	4	4	4	4	4	3	5	4	4	3	3	0	6	1	2	1	7	0	9	9	8	9	1	0
2714	4	5	4	5	4	3	5	5	5	4	3	6	5	1	2	1	7	0	9	9	9	9	1	0
2715	4	4	5	5	4	3	5	5	4	3	3	6	6	1	2	1	7	0	9	9	8	8	1	0
2716	5	4	4	6	4	3	5	5	4	4	3	6	5	1	2	1	7	0	9	8	9	9	1	0
2717	4	5	4	5	4	3	4	4	5	3	3	0	5	1	2	1	7	0	9	9	9	8	1	0
2718	4	4	4	3	4	3	5	5	4	4	2	6	6	1	1	1	7	0	9	9	9	8	1	0
2719	4	4	4	4	3	3	5	4	4	3	3	0	6	1	2	1	9	0	9	9	9	9	1	0
2720	4	4	4	5	4	3	4	4	4	3	3	6	6	2	2	2	9	0	9	9	9	8	1	0

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ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CM	COL	IDC	HER
2721	3	3	4	4	4	3	5	5	4	4	2	6	5	2	2	2	7	0	9	9	9	9	1	0
2722	4	5	4	5	4	3	5	4	4	3	2	0	5	1	2	1	7	0	7	9	9	9	1	0
2723	4	3	4	5	4	3	5	4	4	3	3	0	5	1	2	1	7	0	9	9	9	9	1	0
2724	4	4	4	5	4	3	5	4	4	4	3	5	5	1	2	1	7	0	9	9	9	9	1	0
2725	4	4	4	5	4	3	5	5	4	3	3	6	5	1	2	1	7	0	9	9	9	9	1	0
2726	4	4	4	4	4	3	4	4	4	3	2	0	6	1	1	1	7	0	9	9	8	8	1	0
2727	4	4	4	4	5	3	4	4	4	3	3	6	4	1	2	1	7	0	9	9	8	9	1	0
2728	4	3	4	6	4	3	4	4	4	3	3	0	5	1	2	1	7	0	9	9	9	9	1	0
2729	4	4	4	5	4	3	7	6	4	5	4	0	6	1	2	1	7	0	9	9	9	9	1	0
2730	4	4	4	4	5	3	4	4	4	3	3	5	4	1	4	1	7	0	9	9	9	9	1	0
2731	4	4	4	5	5	3	5	4	4	3	3	5	5	1	2	1	7	0	9	9	9	9	1	0
2732	4	5	4	5	4	3	5	5	4	4	2	0	6	1	2	1	7	0	9	9	9	9	1	0
2733	4	3	4	5	4	3	4	4	4	3	2	0	6	1	2	1	7	0	9	9	8	8	1	0
2734	4	4	4	5	5	3	5	4	4	3	2	0	5	1	2	1	7	0	9	9	8	8	1	0
2735	4	4	4	4	4	3	5	5	4	4	2	0	4	1	2	1	9	0	9	9	9	9	1	0
2736	4	4	4	4	4	3	5	5	4	4	3	6	6	1	2	1	7	0	7	9	8	8	1	0
2737	4	4	4	4	4	3	5	4	4	4	3	5	5	1	2	1	7	0	9	9	8	7	1	0
2738	5	4	4	5	4	3	5	5	5	4	3	6	5	1	2	1	7	0	9	9	9	8	1	0
2739	4	4	4	4	4	3	4	4	5	2	3	6	6	2	2	2	9	0	9	9	9	8	1	0
2740	4	4	4	2	5	3	4	4	5	3	2	0	5	1	2	1	7	0	9	9	9	9	1	0
2741	5	4	4	4	5	3	5	5	5	4	3	0	6	1	2	1	7	0	9	9	9	9	1	0
2742	5	3	4	4	4	3	5	5	5	4	3	5	6	2	4	2	9	0	9	9	9	9	1	0
2743	5	4	4	4	4	3	5	5	4	4	3	0	6	1	1	1	7	0	9	9	9	8	1	0
2744	4	4	5	5	4	4	6	5	4	4	2	6	6	1	1	1	7	0	9	9	9	8	1	0
2745	5	4	5	6	3	4	5	5	5	4	3	6	5	1	2	1	7	0	7	9	9	9	1	0
2746	5	6	5	5	4	3	6	5	4	4	3	6	6	1	2	1	7	0	9	8	9	8	1	0
2747	6	5	5	5	4	3	6	6	4	5	2	6	7	1	1	1	7	0	9	8	9	5	1	0
2748	4	4	5	4	4	3	4	4	4	3	3	6	5	1	2	1	7	0	9	8	9	8	1	0
2749	4	4	4	5	4	3	5	5	4	4	3	6	6	1	1	1	7	0	9	8	9	8	1	0
2750	4	4	4	4	4	3	6	6	5	4	3	6	6	2	4	2	7	0	9	9	8	9	1	0
2751	5	6	4	6	3	3	5	5	4	3	3	6	6	1	1	1	9	0	9	9	9	8	1	0
2752	4	5	4	5	5	3	5	5	4	3	2	6	6	1	2	1	7	0	9	9	9	9	1	0
2753	4	3	4	4	5	3	4	4	5	3	2	6	5	1	1	1	9	0	9	9	9	9	1	0
2754	5	4	4	5	4	3	4	4	5	3	2	6	5	1	2	1	7	0	5	9	9	5	1	0
2755	5	5	4	4	5	4	4	4	4	2	3	6	6	1	1	1	7	0	5	9	9	5	1	0
2756	4	4	4	4	4	3	5	5	4	3	2	6	6	1	2	1	9	0	9	9	9	9	1	0
2757	6	6	5	5	5	3	5	5	5	4	2	6	7	1	3	1	7	0	9	9	8	5	1	0
2758	6	5	5	5	5	3	5	6	5	4	2	6	6	1	2	1	9	0	7	9	8	7	1	0
2759	6	6	5	6	5	3	5	5	4	3	1	6	6	1	2	1	9	0	7	9	9	8	1	0
2760	5	6	5	6	4	3	6	6	5	5	4	5	6	1	4	1	9	0	9	9	8	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
2761	5	5	5	5	4	3	5	5	5	4	4	5	7	1	4	1	9	0	9	9	9	8	1	0
2762	5	4	5	7	4	4	7	6	3	5	5	5	7	1	4	1	7	0	9	9	9	8	1	0
2763	6	5	5	6	4	4	6	6	6	5	2	6	7	1	3	3	9	0	5	8	9	8	1	0
2764	5	5	5	6	4	3	7	6	4	C	3	5	7	1	4	1	9	0	9	9	8	8	1	0
2765	5	5	5	4	5	3	6	6	5	5	4	5	7	1	4	1	9	0	9	9	9	8	1	0
2766	5	5	5	7	3	3	6	5	4	4	2	0	6	1	4	1	7	0	9	9	9	4	1	0
2767	5	5	4	5	3	3	4	4	5	3	2	5	6	1	4	1	9	0	9	9	9	4	1	0
2768	5	6	4	5	3	3	5	4	4	4	2	5	6	1	2	1	9	0	9	8	8	6	1	0
2769	6	6	5	6	4	4	6	6	5	5	1	6	6	1	2	1	9	0	5	9	8	6	1	0
2770	5	6	5	5	4	3	5	5	4	4	3	6	6	1	4	1	9	0	9	9	8	5	1	0
2771	5	5	4	5	3	3	5	5	4	4	2	5	6	1	4	1	9	0	9	9	8	6	1	0
2772	5	5	5	5	4	3	5	4	3	4	2	5	6	1	4	1	9	0	9	6	3	4	1	0
2773	4	5	4	5	4	3	5	4	4	3	3	6	6	1	2	1	9	0	9	6	9	6	1	0
2774	5	6	5	6	4	3	5	4	4	3	2	6	5	1	2	1	9	0	9	6	9	6	1	0
2775	4	4	4	6	3	3	4	5	5	5	4	5	6	1	4	1	9	0	5	9	8	7	1	0
2776	5	4	4	6	3	3	5	5	5	5	4	5	6	1	4	1	9	0	9	8	9	6	1	0
2777	4	4	4	5	5	3	4	4	4	3	3	5	6	1	4	1	9	0	9	8	9	6	1	0
2778	4	4	4	5	4	3	5	5	4	4	2	5	7	1	4	1	9	0	9	8	9	5	1	0
2779	4	4	4	6	4	3	5	5	5	5	3	5	7	1	4	1	9	0	9	9	9	8	1	0
2780	5	5	4	6	4	3	5	5	5	5	5	5	6	1	4	1	9	0	9	9	9	9	1	0
2781	4	4	5	5	3	3	3	3	4	3	3	5	6	1	1	1	9	0	9	8	9	8	1	0
2782	4	5	4	5	5	3	5	5	4	5	7	5	6	1	2	1	9	0	9	9	9	8	1	0
2783	6	6	5	6	4	3	5	5	4	4	2	0	6	2	1	1	9	0	9	9	9	8	1	0
2784	5	6	5	4	6	3	4	4	4	3	2	5	5	1	4	1	9	0	9	9	9	8	1	0
2785	4	4	4	6	3	3	5	5	4	5	4	5	7	1	4	1	9	0	9	9	9	8	1	0
2786	4	4	4	5	3	3	5	5	5	5	3	5	7	1	4	1	9	0	9	8	8	8	1	0
2787	4	4	4	5	4	3	5	5	4	4	5	5	5	1	2	1	9	0	9	9	8	9	1	0
2788	4	4	4	4	5	3	3	2	4	2	5	5	6	1	4	1	9	0	9	9	8	9	1	0
2789	4	4	4	6	4	3	5	5	4	4	3	5	6	1	4	1	9	0	9	9	8	9	1	0
2790	4	3	4	5	4	3	5	4	4	3	3	6	6	1	2	1	7	0	9	8	9	8	1	0
2791	4	4	4	7	3	3	6	6	4	5	3	5	5	1	4	1	9	0	9	9	9	9	1	0
2792	4	4	4	6	3	3	6	6	5	6	7	5	7	1	4	1	9	0	9	9	9	9	1	0
2793	4	5	4	6	4	3	5	5	5	5	8	5	6	1	4	1	9	0	9	9	9	8	1	0
2794	4	5	4	7	3	3	6	5	4	5	4	5	6	1	4	1	9	0	9	8	9	8	1	0
2795	4	4	4	6	4	3	5	4	4	4	3	5	5	1	2	1	9	0	9	9	9	7	1	0
2796	5	4	4	5	5	3	4	4	4	4	6	5	5	1	2	1	9	0	9	9	9	6	1	0
2797	5	4	4	7	3	3	5	5	4	4	3	5	6	1	2	1	9	0	5	9	5	6	1	0
2798	4	4	4	6	5	3	4	3	4	5	3	4	5	1	4	1	9	0	5	9	5	6	1	0
2799	4	3	5	4	4	3	5	5	4	5	4	5	5	1	4	1	9	0	9	9	9	8	1	0
2800	5	6	5	7	3	3	7	6	4	4	2	6	5	1	2	1	7	0	9	9	9	8	1	0

302 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	JrH	BYD	SYD	HI	S/M	PD	HSW	FRO	SS	SCO	SRO	AE	FW	LM	CC	CH	COL	IDC	HER
2801	4	5	4	6	5	3	5	5	6	5	3	5	6	1	2	1	9	0	9	8	8	5	1	0
2802	4	4	4	6	5	3	4	4	4	4	7	5	6	1	2	1	9	0	9	9	8	6	1	0
2803	5	5	4	5	4	3	6	6	5	5	2	5	6	1	4	1	9	0	9	8	9	8	1	0
2804	4	5	4	6	3	3	5	5	4	4	5	5	6	1	2	1	9	0	9	8	9	8	1	0
2805	4	3	5	6	4	3	5	5	5	4	5	5	3	1	1	1	7	0	9	9	9	9	1	0
2806	4	3	5	6	4	3	5	5	5	4	4	6	4	2	2	2	7	0	9	9	9	9	1	0
2807	4	4	4	5	4	3	4	5	5	3	3	6	4	1	2	1	7	0	9	9	9	9	1	0
2808	5	5	4	5	4	3	4	4	4	3	2	6	6	1	4	1	7	0	9	8	9	7	1	0
2809	4	4	4	4	5	3	5	4	4	2	2	6	6	1	1	1	7	0	9	9	8	8	1	0
2810	4	3	4	5	4	3	5	5	4	4	3	6	4	2	4	1	7	0	9	8	8	8	1	0
2811	4	3	4	5	5	3	5	5	5	4	2	6	6	2	4	2	7	0	9	9	9	7	1	0
2812	4	4	4	5	4	3	5	5	5	4	3	6	4	1	2	1	7	0	7	8	9	9	1	0
2813	4	4	4	5	4	3	6	6	4	5	3	6	4	1	1	1	7	0	9	9	9	9	1	0
2814	4	4	4	5	3	3	5	4	4	3	3	6	5	1	4	1	7	0	9	9	8	9	1	0
2815	4	5	4	5	4	3	5	5	5	4	2	6	5	1	2	1	7	0	9	9	9	9	1	0
2816	5	5	4	6	4	4	5	5	4	4	2	6	4	1	2	1	7	0	9	9	9	8	1	0
2817	4	5	4	7	2	3	6	6	5	5	3	6	4	1	2	1	7	0	9	9	9	8	1	0
2818	4	4	4	6	4	3	5	5	4	3	3	6	4	2	4	2	7	0	9	9	9	9	1	0
2819	5	4	4	5	4	3	4	4	5	3	2	0	4	1	4	1	7	0	9	9	9	9	1	0
2820	5	5	4	6	3	3	5	4	4	3	2	0	4	1	4	1	7	0	9	9	9	8	1	0
2821	4	6	4	6	4	3	4	4	4	3	2	5	4	2	2	2	7	0	9	9	9	9	1	0
2822	4	4	4	5	4	3	4	4	4	3	2	0	5	2	2	2	7	0	9	9	9	9	1	0
2823	4	4	4	5	4	3	5	5	5	4	2	6	3	2	2	2	7	0	9	9	8	9	1	0
2824	4	3	4	4	5	3	4	3	4	3	3	5	3	1	1	1	7	0	9	9	9	9	1	0
2825	4	3	4	5	4	3	4	4	4	3	2	5	3	1	1	1	7	0	9	9	8	8	1	0
2826	4	3	4	4	5	3	3	3	4	2	3	6	4	1	2	1	7	0	9	9	8	8	1	0
2827	4	3	4	4	5	3	3	4	6	3	3	6	3	2	4	2	7	0	9	8	8	8	1	0
2828	4	3	4	4	5	3	3	3	4	3	4	5	3	1	4	1	7	0	9	9	8	8	1	0
2829	5	5	4	4	5	3	5	5	4	4	2	5	4	1	2	1	7	0	7	9	8	5	1	0
2830	6	6	4	5	4	3	4	4	5	3	2	6	4	2	1	2	7	0	7	9	9	6	1	0
2831	5	5	4	5	5	3	4	4	5	3	4	0	5	1	1	1	7	0	9	9	8	7	1	0
2832	5	5	4	5	4	3	4	3	4	4	3	5	5	1	1	1	9	0	9	9	9	7	1	0
2833	4	5	4	4	5	3	3	4	5	4	3	5	3	1	2	1	7	0	9	9	9	7	1	0
2834	4	5	4	5	4	3	3	3	4	3	3	5	4	1	1	1	7	0	7	9	9	7	1	0
2835	5	6	4	4	5	3	3	4	5	2	2	6	4	2	1	2	7	0	7	9	9	4	1	0
2836	6	6	4	4	5	3	3	4	5	2	1	6	2	2	1	2	7	0	7	8	9	5	1	0
2837	4	5	4	5	6	3	2	2	5	2	2	5	3	1	4	1	9	0	7	9	9	8	1	0
2838	6	6	4	5	5	3	5	5	4	3	2	6	4	1	2	1	7	0	7	9	8	5	1	0
2839	6	6	4	5	4	3	4	5	5	3	2	6	4	1	1	1	7	0	5	8	9	6	1	0
2840	6	5	4	5	5	3	3	4	5	2	2	6	4	2	2	2	9	0	5	8	8	7	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
2841	4	4	4	4	5	3	4	4	4	3	1	0	2	1	2	1	9	0	7	8	9	6	1	0
2842	5	6	4	5	3	3	5	4	4	4	2	5	3	1	2	1	7	0	9	8	9	7	1	0
2843	4	3	4	4	5	3	2	2	4	2	4	5	3	1	1	1	7	0	9	9	9	9	1	0
2844	6	6	4	4	5	3	3	3	4	2	2	6	2	2	2	2	7	0	5	9	9	8	1	0
2845	4	4	4	4	5	3	4	4	5	2	1	6	2	1	1	1	7	0	9	9	8	9	1	0
2846	4	3	4	4	4	3	4	4	5	3	3	5	3	1	2	1	9	0	9	9	9	9	1	0
2847	4	4	4	4	5	3	3	3	4	2	2	5	2	1	2	1	7	0	9	8	9	9	1	0
2848	6	5	4	5	4	3	4	4	5	4	1	5	4	1	2	1	7	0	9	8	9	9	1	0
2849	5	5	4	4	5	3	3	2	4	3	2	5	3	1	2	1	7	0	9	8	9	9	1	0
2850	4	4	4	4	5	3	3	3	5	2	2	5	2	1	1	1	7	0	3	8	8	8	1	0
2851	4	3	4	4	5	3	5	5	5	4	2	6	3	1	2	1	7	0	9	7	9	8	1	0
2852	5	3	4	6	3	3	6	6	4	5	2	0	4	1	1	1	7	0	9	8	8	8	1	0
2853	5	4	4	5	5	4	5	5	4	4	3	5	3	1	2	1	7	0	9	9	9	8	1	0
2854	4	4	4	5	5	3	3	3	5	2	2	0	3	2	4	2	9	0	9	9	9	8	1	0
2855	5	5	4	5	4	3	4	4	5	4	2	5	4	1	1	1	7	0	9	9	9	8	1	0
2856	5	5	4	4	4	3	5	5	5	4	3	6	4	1	1	1	7	0	9	9	9	9	1	0
2857	5	5	4	5	5	3	5	5	4	4	1	0	4	1	1	1	7	0	9	9	8	7	1	0
2858	4	3	4	5	4	3	4	4	4	3	3	5	3	2	4	2	7	0	9	9	9	8	1	0
2859	4	4	4	5	4	3	5	4	4	3	3	5	4	1	2	1	7	0	9	3	9	8	1	0
2860	4	4	4	5	5	3	4	4	4	3	3	0	2	1	2	1	7	0	9	9	8	9	1	0
2861	4	4	4	5	4	3	5	5	4	4	3	0	4	1	2	1	7	0	9	9	8	8	1	0
2862	4	3	4	4	6	3	4	5	5	3	2	0	3	2	2	1	7	0	9	8	9	8	1	0
2863	4	3	4	4	5	3	5	5	5	4	3	0	3	2	2	1	7	0	9	9	9	8	1	0
2864	4	5	4	5	3	3	5	1	4	3	2	0	4	1	1	1	7	0	9	8	9	8	1	0
2865	4	5	4	5	4	3	5	5	4	4	2	0	4	1	1	1	7	0	9	9	8	9	1	0
2866	4	4	4	5	5	3	5	5	4	4	3	0	4	1	2	1	7	0	9	8	9	9	1	0
2867	4	4	4	5	5	3	5	5	4	4	2	0	4	2	2	1	7	0	9	9	8	9	1	0
2868	4	3	4	5	4	3	5	4	4	4	4	5	3	1	4	1	7	0	9	9	9	9	1	0
2869	4	4	4	5	5	3	5	5	4	4	2	5	2	1	1	1	7	0	9	9	9	9	1	0
2870	4	4	4	4	6	3	4	4	4	3	3	0	3	2	2	2	9	0	9	8	9	9	1	0
2871	4	3	4	4	5	3	5	5	5	4	3	0	3	1	1	1	7	0	9	9	9	9	1	0
2872	4	4	4	3	6	3	4	4	5	3	2	5	2	1	2	1	7	0	9	9	8	9	1	0
2873	4	4	4	4	5	3	4	4	4	3	2	0	4	1	2	1	7	0	9	9	8	9	1	0
2874	4	4	4	4	4	3	4	4	5	5	4	4	3	1	4	1	7	0	9	8	9	8	1	0
2875	4	4	4	4	6	3	3	3	5	4	1	5	3	1	1	1	7	0	9	9	9	8	1	0
2876	3	4	4	5	4	3	5	4	4	4	1	5	3	1	1	1	7	0	9	8	8	8	1	0
2877	4	4	4	5	4	3	4	4	4	3	1	5	3	1	2	1	7	0	9	9	9	8	1	0
2878	5	5	4	4	5	3	5	4	4	3	2	0	3	2	1	2	7	0	9	9	9	9	1	0
2879	4	4	4	4	5	3	4	4	5	3	2	5	2	1	2	1	7	0	9	9	9	8	1	0
2880	5	4	4	4	5	3	5	6	6	5	2	0	3	2	2	2	7	0	9	9	9	9	1	0

## 304 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	RGT	CAW	GrH	BYD	SYD	RI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LH	CC	CN	COL	IDC	HER
2881	4	4	4	5	5	3	4	4	5	3	3	0	3	1	2	1	7	0	9	8	9	9	1	0
2882	4	4	4	4	6	3	4	4	4	3	3	5	3	1	4	1	7	0	9	9	9	8	1	0
2883	4	4	4	4	5	3	5	5	4	4	2	5	3	2	4	2	7	0	9	8	9	9	1	0
2884	4	4	4	5	4	3	5	5	5	4	2	0	4	1	2	1	7	0	9	9	9	9	1	0
2885	4	3	4	5	4	3	5	5	5	4	2	6	4	2	2	2	7	0	9	9	9	8	1	0
2886	4	4	4	4	5	3	5	5	5	4	2	0	4	2	2	2	7	0	7	9	8	8	1	0
2887	4	3	4	4	4	3	5	5	4	4	2	5	3	1	2	1	7	0	7	9	9	8	1	0
2888	4	4	4	6	4	3	5	5	5	4	3	0	4	2	2	2	7	0	9	9	8	9	1	0
2889	5	5	5	4	6	3	4	4	5	3	2	0	4	1	2	1	7	0	9	9	8	9	1	0
2890	5	5	5	4	5	3	6	6	5	4	2	6	4	1	2	1	7	0	9	9	9	8	1	0
2891	5	4	4	5	4	3	6	6	4	5	2	0	4	2	2	2	7	0	9	6	9	8	1	0
2892	5	4	4	7	4	3	5	5	5	5	2	5	5	1	4	1	7	0	9	9	9	8	1	0
2893	5	3	4	4	4	3	5	5	4	4	2	0	4	1	2	1	7	0	9	9	8	8	1	0
2894	4	3	4	4	4	3	5	5	5	4	2	0	5	2	2	2	7	0	9	9	9	9	1	0
2895	4	3	4	5	4	3	5	5	4	4	2	6	4	1	2	1	7	0	9	9	9	8	1	0
2896	4	5	4	5	4	3	5	5	5	4	2	5	5	2	1	2	7	0	7	9	9	8	1	0
2897	4	3	4	5	4	3	5	5	5	4	2	5	5	2	4	2	7	0	9	9	9	8	1	0
2898	4	3	4	5	3	3	5	5	5	4	2	0	4	1	2	1	7	0	9	9	9	8	1	0
2899	4	3	4	5	4	3	5	5	5	4	2	5	4	2	2	2	7	0	7	9	9	8	1	0
2900	4	4	4	5	4	3	5	4	4	3	1	0	4	1	2	1	7	0	9	9	9	8	1	0
2901	4	3	4	6	4	3	5	5	5	4	3	0	4	1	2	1	7	0	9	9	9	8	1	0
2902	5	6	4	5	4	3	4	4	5	4	1	5	4	1	4	1	7	0	9	9	9	6	1	0
2903	4	3	4	5	4	3	4	4	5	3	2	5	4	1	1	1	7	0	9	9	9	9	1	0
2904	4	3	4	5	3	3	5	5	5	4	1	5	4	1	1	1	7	0	9	9	9	9	1	0
2905	4	3	4	5	4	3	4	4	4	5	3	4	6	1	1	1	7	0	9	9	9	9	1	0
2906	4	3	4	4	4	3	5	5	4	3	2	6	4	2	2	1	6	0	9	8	9	8	1	0
2907	4	4	4	5	4	3	4	4	5	3	2	5	4	1	2	1	9	0	9	9	8	9	1	0
2908	4	3	4	4	4	3	5	5	5	4	2	5	4	1	1	1	7	0	7	9	9	8	1	0
2909	4	4	4	4	4	3	4	4	5	4	3	5	4	1	1	1	7	0	7	9	9	9	1	0
2910	4	4	4	4	5	3	4	4	4	3	3	5	4	1	1	1	7	0	9	9	8	9	1	0
2911	4	3	4	5	4	3	5	5	4	4	2	6	3	1	2	1	7	0	7	9	9	9	1	0
2912	4	4	4	5	4	3	6	5	5	5	3	5	4	1	2	1	7	0	9	7	9	6	1	0
2913	4	3	4	5	5	3	4	4	5	3	2	0	4	1	2	1	7	0	9	9	9	6	1	0
2914	4	3	4	5	4	3	5	5	5	4	2	0	5	1	1	1	7	0	9	9	9	8	1	0
2915	4	4	4	5	4	3	6	5	4	4	2	0	4	1	1	1	7	0	9	9	9	9	1	0
2916	4	4	4	5	4	3	5	5	5	4	2	0	5	2	2	1	7	0	9	9	9	8	1	0
2917	4	3	4	5	5	3	5	5	4	4	3	5	4	1	2	1	7	0	9	9	8	8	1	0
2918	4	4	4	5	5	3	5	5	5	4	2	5	4	1	1	1	7	0	9	8	8	9	1	0
2919	4	4	4	4	4	3	5	5	4	4	3	0	3	1	1	1	7	0	9	9	9	9	1	0
2920	4	4	4	5	4	3	5	5	5	4	3	5	4	1	1	1	7	0	9	9	8	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER	
2921	4	3	4	5	5	3	5	5	5	4	2	0	3	1	1	1	7	0	9	9	9	8	1	0	
2922	4	3	4	4	4	3	5	5	4	4	2	0	4	1	1	1	7	0	9	9	9	9	7	1	0
2923	4	3	4	4	6	3	5	5	4	4	3	5	4	1	2	1	7	0	9	9	9	9	8	1	0
2924	4	4	4	5	4	3	5	4	4	4	1	5	8	1	2	1	7	0	9	9	9	9	8	1	0
2925	4	3	4	4	5	3	5	5	4	4	3	5	5	1	2	1	7	0	9	9	9	9	9	1	0
2926	4	4	4	5	4	4	5	5	4	4	3	5	3	1	2	1	7	0	9	9	9	9	8	1	0
2927	4	3	4	4	4	3	5	5	5	4	2	5	4	1	2	1	7	0	9	9	9	9	8	1	0
2928	4	4	4	5	2	3	5	4	4	4	3	5	3	1	1	1	7	0	9	9	9	9	7	1	0
2929	4	4	4	5	5	3	6	5	5	5	2	5	4	1	4	1	7	0	9	9	9	9	8	1	0
2930	4	3	4	5	5	3	5	5	4	4	2	5	3	1	2	1	7	0	9	9	7	9	8	1	0
2931	4	3	4	5	3	3	5	5	4	4	2	5	4	2	2	2	7	0	9	8	9	9	1	0	
2932	4	4	4	6	3	3	5	4	4	4	2	5	4	1	4	1	7	0	9	9	9	9	6	1	0
2933	3	3	4	5	4	3	6	5	5	5	3	5	3	1	4	1	7	0	9	9	9	9	8	1	0
2934	4	3	4	4	4	3	5	5	5	4	3	5	4	1	4	1	7	0	9	8	9	9	8	1	0
2935	4	4	4	5	4	3	5	5	4	3	2	0	3	1	1	1	7	0	9	9	9	9	8	1	0
2936	5	5	4	5	5	4	5	5	4	4	2	5	4	1	1	1	7	0	9	9	9	9	9	1	0
2937	4	4	4	4	5	3	3	3	4	2	3	5	3	1	4	1	7	0	9	9	9	9	8	1	0
2938	5	6	4	4	5	3	4	4	4	3	2	5	4	1	2	3	7	0	9	9	9	9	7	1	0
2939	4	5	4	4	6	3	5	5	5	4	3	5	5	2	2	1	7	0	9	8	9	9	7	1	0
2940	4	4	4	5	4	3	5	5	4	4	3	0	5	1	2	1	7	0	9	8	9	9	8	1	0
2941	4	3	4	5	5	3	4	5	6	4	2	5	4	1	2	1	7	0	9	7	9	9	9	1	0
2942	4	3	4	4	5	3	4	4	5	3	3	0	3	2	2	1	7	0	9	9	9	9	9	1	0
2943	4	4	4	4	5	3	3	3	4	2	2	0	3	1	1	1	7	0	9	9	9	9	9	1	0
2944	4	3	4	4	6	3	4	4	5	3	2	5	5	2	2	1	7	0	9	9	9	9	8	1	0
2945	4	4	4	4	4	3	4	4	4	3	2	0	4	1	1	1	7	0	9	9	8	8	8	1	0
2946	5	5	4	4	5	3	4	4	4	2	2	0	4	1	2	1	7	0	9	8	9	9	8	1	0
2947	4	4	4	4	5	3	4	4	4	3	3	0	2	1	1	1	7	0	9	9	8	9	9	1	0
2948	4	4	4	5	4	3	4	4	5	3	3	6	3	1	1	1	7	0	7	9	8	9	9	1	0
2949	4	3	4	4	5	3	2	3	5	4	2	4	1	1	4	3	9	0	9	9	9	9	9	1	0
2950	4	5	4	5	4	3	3	4	5	4	2	4	3	1	4	3	9	0	9	9	9	9	8	1	0
2951	4	3	4	4	5	3	5	4	4	3	3	0	5	2	1	2	7	0	9	9	9	9	9	1	0
2952	4	4	4	4	4	2	4	4	5	4	5	5	4	2	4	2	7	0	9	9	8	9	9	1	0
2953	5	5	5	3	5	2	5	5	6	5	5	5	5	2	2	2	7	0	9	8	9	9	5	1	0
2954	5	5	4	5	5	3	4	4	4	4	5	5	4	1	1	1	7	0	9	9	9	9	7	1	0
2955	5	6	4	1	5	2	4	5	6	4	6	5	5	2	4	2	9	0	9	9	9	9	7	1	0
2956	6	5	5	2	5	2	4	4	6	5	5	5	4	2	4	2	3	0	7	9	9	6	1	0	
2957	5	5	4	4	5	2	4	4	5	4	5	5	5	2	4	2	7	0	9	8	9	9	7	1	0
2958	4	5	4	5	5	3	5	5	4	5	1	4	6	1	2	1	9	0	9	8	9	9	9	1	0
2959	6	5	5	5	5	3	6	5	4	4	1	0	5	1	3	3	9	0	5	9	8	8	1	0	
2960	4	4	5	4	5	2	2	3	5	5	2	3	3	1	4	1	7	0	9	9	9	8	1	0	

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ILC	DAF	FDU	DNA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
2961	6	6	5	5	4	3	5	5	4	4	2	5	4	1	2	3	9	0	5	6	8	6	1	0
2962	5	5	4	6	5	4	5	4	4	5	2	4	6	1	4	3	9	0	9	8	9	9	1	0
2963	4	5	4	4	5	3	4	4	5	3	3	6	4	2	5	2	7	0	9	8	9	8	1	0
2964	4	4	4	4	5	3	5	5	4	4	1	5	5	2	5	2	9	0	9	9	9	8	1	0
2965	5	5	4	6	4	3	6	6	4	4	2	6	4	2	5	2	7	0	9	8	8	8	1	0
2966	6	5	5	5	5	4	6	6	5	4	1	6	3	1	3	1	7	0	9	8	9	8	1	0
2967	4	5	5	5	5	3	5	5	5	4	3	6	5	2	5	2	9	0	9	8	9	7	1	0
2968	4	5	5	5	4	3	5	5	5	3	2	6	5	2	5	2	7	0	9	8	9	8	1	0
2969	4	4	4	4	5	3	5	5	4	3	1	6	5	2	5	2	7	0	9	9	9	8	1	0
2970	4	3	4	5	5	3	4	4	5	4	2	5	5	2	7	1	9	0	9	8	9	8	1	0
2971	4	3	4	5	6	3	4	5	5	4	2	5	5	2	7	1	9	0	9	9	9	8	1	0
2972	4	4	4	4	6	3	5	5	4	4	1	5	4	2	7	1	7	0	9	9	8	8	1	0
2973	5	5	4	4	5	3	4	4	4	3	1	5	6	2	7	1	7	0	9	9	9	6	1	0
2974	5	5	4	5	5	3	6	5	4	3	1	6	4	2	7	1	7	0	9	9	9	6	1	0
2975	4	3	4	4	5	3	4	4	5	3	2	6	3	2	5	2	7	0	9	9	9	8	1	0
2976	5	4	4	6	4	3	5	5	4	3	1	6	5	2	7	1	7	0	9	9	8	8	1	0
2977	4	4	4	5	4	3	5	5	4	4	1	5	7	2	7	1	9	0	9	9	9	8	1	0
2978	4	6	4	6	4	3	4	5	5	3	2	6	3	2	5	2	7	0	9	9	9	8	1	0
2979	4	4	4	5	4	3	5	5	5	4	2	6	5	2	5	2	7	0	9	8	8	9	1	0
2980	4	6	4	6	3	3	6	6	4	5	1	5	6	2	7	1	7	0	9	9	8	9	1	0
2981	4	5	4	6	5	3	5	5	5	3	1	6	4	2	5	1	7	0	9	9	9	9	1	0
2982	4	4	4	6	4	3	6	5	4	4	2	6	4	2	5	2	7	0	9	8	9	9	1	0
2983	4	4	5	6	3	3	6	6	5	4	3	6	5	2	5	1	7	0	9	9	8	9	1	0
2984	5	5	4	5	5	3	5	5	4	4	2	0	5	2	5	2	7	0	9	9	9	9	1	0
2985	4	4	4	5	4	3	5	5	5	4	2	6	4	2	5	2	7	0	9	9	9	9	1	0
2986	4	3	4	6	5	3	5	5	4	3	1	6	5	2	5	2	7	0	9	9	8	9	1	0
2987	4	3	4	5	4	3	5	5	4	4	2	6	5	2	5	2	7	0	9	9	9	9	1	0
2988	4	4	4	6	4	3	6	6	5	4	3	6	5	2	5	2	7	0	9	9	9	9	1	0
2989	4	4	4	6	4	3	6	6	5	5	2	6	4	2	5	2	7	0	9	9	8	9	1	0
2990	4	3	4	5	4	3	5	6	5	4	2	6	4	2	5	2	7	0	9	9	9	9	1	0
2991	4	3	4	6	4	3	5	5	5	4	2	6	4	2	5	2	7	0	9	9	8	9	1	0
2992	4	4	4	5	4	2	5	5	5	4	1	6	4	2	5	2	7	0	9	8	9	9	1	0
2993	4	4	4	5	4	3	6	6	5	4	2	6	5	2	5	2	7	0	9	9	9	9	1	0
2994	4	5	4	4	5	3	4	4	4	3	1	6	5	2	5	2	7	0	9	9	9	9	1	0
2995	4	5	4	5	5	3	5	5	5	4	2	6	4	2	5	2	7	0	9	9	9	9	1	0
2996	4	4	4	5	4	3	5	5	4	4	3	5	5	2	5	2	7	0	9	9	9	9	1	0
2997	4	6	4	5	5	3	5	5	5	4	2	6	6	2	5	2	7	0	7	9	9	8	1	0
2998	4	3	4	5	4	3	5	5	6	4	2	6	4	2	5	2	7	0	9	9	9	8	1	0
2999	5	5	4	4	5	3	5	5	5	5	2	4	4	1	4	1	9	0	9	9	9	9	1	0
3000	5	6	4	4	5	3	5	5	5	3	2	6	3	2	5	2	7	0	9	9	9	9	1	0



ILC	DAF	FDU	DMA	HGT	LAW	GRH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
3001	5	5	4	4	5	3	5	5	5	4	2	6	3	2	5	2	5	0	9	9	9	9	1	0
3002	4	3	4	5	4	3	4	4	5	3	3	0	5	2	5	2	7	0	9	9	9	9	1	0
3003	4	5	4	6	5	3	5	5	5	4	2	6	4	2	5	2	7	0	9	9	9	9	1	0
3004	4	4	4	6	4	3	5	5	4	4	2	6	5	2	5	2	7	0	9	9	9	9	1	0
3005	4	3	4	4	5	3	5	5	5	4	3	6	4	2	5	2	7	0	9	9	8	8	1	0
3006	4	4	4	5	4	3	5	5	5	4	3	0	6	2	5	2	6	0	9	9	8	8	1	0
3007	4	4	4	5	5	3	5	5	5	4	2	0	4	2	5	2	7	0	9	8	9	8	1	0
3008	4	4	4	5	5	3	4	4	5	3	2	6	4	2	5	2	8	0	9	9	9	8	1	0
3009	4	3	4	4	5	3	5	5	4	4	2	5	5	2	5	2	7	0	9	9	9	8	1	0
3010	4	3	4	5	4	3	6	5	3	4	2	6	4	2	5	1	7	0	9	9	8	6	1	0
3011	5	4	4	5	5	3	5	5	5	4	2	6	5	2	5	1	7	0	9	9	9	6	1	0
3012	5	5	4	5	4	3	6	5	4	4	1	6	6	2	5	1	7	0	9	9	8	8	1	0
3013	5	4	4	5	5	3	6	6	5	4	2	6	5	2	5	1	9	0	9	9	9	9	1	0
3014	5	5	4	6	4	3	6	5	4	4	2	6	5	2	5	2	8	0	9	8	8	8	1	0
3015	5	5	4	5	4	3	6	5	4	5	3	5	4	2	5	2	7	0	9	9	8	8	1	0
3016	5	4	4	5	4	4	6	5	4	4	2	6	5	2	5	2	7	0	9	9	9	8	1	0
3017	5	4	4	5	4	3	6	5	4	4	2	5	6	2	5	1	8	0	9	8	9	8	1	0
3018	5	5	4	5	5	3	5	5	4	4	2	6	4	2	5	2	6	0	9	9	7	8	1	0
3019	4	6	4	6	4	3	5	5	4	3	2	6	5	2	5	2	7	0	9	9	9	8	1	0
3020	5	5	4	4	5	3	6	6	6	5	2	5	6	2	5	2	9	0	9	8	9	9	1	0
3021	5	5	4	5	5	4	6	5	4	4	1	6	7	2	5	1	9	0	9	8	9	8	1	0
3022	4	4	4	4	5	3	5	5	5	4	2	6	3	2	5	2	9	0	9	9	9	8	1	0
3023	5	4	4	5	4	3	5	5	5	4	1	6	4	2	5	2	6	0	9	9	8	8	1	0
3024	4	5	4	5	4	3	5	5	5	4	1	6	5	2	5	1	7	0	9	9	8	7	1	0
3025	4	3	4	4	6	3	5	5	4	4	1	6	3	2	5	2	8	0	9	9	9	9	1	0
3026	4	4	4	4	6	3	5	5	6	4	2	6	4	2	5	2	9	0	9	8	8	8	1	0
3027	4	4	4	4	5	3	4	4	5	3	3	0	4	2	5	2	7	0	9	9	8	8	1	0
3028	4	4	4	3	4	3	5	4	4	3	2	6	4	2	5	2	9	0	9	9	9	9	1	0
3029	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	7	0	9	8	9	8	0	0
3030	4	4	4	4	5	3	6	5	4	4	2	6	5	2	5	2	9	0	9	9	9	7	1	0
3031	4	5	4	4	5	5	5	5	4	4	3	5	5	2	5	2	9	0	9	9	9	8	1	0
3032	5	5	4	4	5	3	5	5	4	4	3	6	6	2	5	2	7	0	9	9	8	8	1	0
3033	4	3	4	4	4	3	5	5	4	4	3	0	5	2	5	2	7	0	9	9	9	8	1	0
3034	4	3	4	4	5	3	4	4	4	3	2	0	5	2	5	2	7	0	9	8	8	7	1	0
3035	4	4	4	5	5	3	6	5	4	4	2	6	4	2	5	2	7	0	9	9	9	8	1	0
3036	4	4	5	5	4	3	6	5	4	4	2	6	5	2	5	2	7	0	9	9	9	9	1	0
3037	5	5	5	5	4	4	6	6	4	5	2	6	4	2	5	2	7	0	9	9	9	8	1	0
3038	4	4	4	4	4	3	6	5	4	4	2	6	5	2	5	2	7	0	9	9	9	8	1	0
3039	4	4	4	4	4	4	5	4	4	4	3	0	4	2	5	2	7	0	9	9	9	8	1	0
3040	4	3	4	4	4	3	5	4	4	4	3	5	5	2	5	2	7	0	9	9	9	8	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
3041	4	3	4	5	4	3	5	5	4	3	2	6	5	2	5	2	7	0	9	8	8	8	1	0
3042	4	5	4	5	4	3	5	5	4	4	2	6	6	2	5	2	7	0	9	8	8	8	1	0
3043	4	4	4	3	4	3	6	6	4	4	2	6	5	2	5	1	7	0	9	9	9	8	1	0
3044	4	4	5	5	4	3	7	6	4	5	2	6	5	2	5	2	7	0	9	8	8	8	1	0
3045	4	3	4	4	4	3	5	5	5	4	2	0	5	2	5	2	7	0	9	9	9	7	1	0
3046	4	3	4	4	4	3	5	4	4	3	1	5	5	2	5	2	7	0	9	9	9	8	1	0
3047	4	3	4	4	4	3	5	5	4	4	2	6	5	2	5	2	7	0	9	9	9	7	1	0
3048	4	4	4	5	4	3	5	5	4	4	2	0	5	2	5	2	8	0	9	9	9	6	1	0
3049	4	3	4	4	4	3	4	4	5	3	2	6	4	2	5	2	6	0	9	9	9	8	1	0
3050	4	4	4	5	4	3	5	5	5	4	2	6	4	2	5	2	7	0	9	9	9	8	1	0
3051	4	3	4	4	4	3	5	5	4	3	2	0	5	2	5	2	7	0	9	9	8	9	1	0
3052	4	3	4	4	4	3	5	5	5	4	3	6	5	2	5	2	7	0	9	9	9	6	1	0
3053	4	4	4	3	4	3	4	3	4	3	2	5	4	2	5	2	7	0	9	9	9	9	1	0
3054	4	4	4	5	5	3	4	4	5	3	2	0	5	2	5	2	8	0	9	9	8	9	1	0
3055	4	4	4	5	4	3	5	5	4	4	2	6	4	2	5	2	6	0	9	9	9	8	1	0
3056	4	4	4	5	4	3	4	4	5	3	2	6	4	2	5	2	7	0	9	9	8	8	1	0
3057	4	3	4	5	4	3	5	5	4	4	3	6	4	2	5	2	7	0	9	9	9	9	1	0
3058	4	3	4	5	4	3	5	5	5	3	2	6	4	2	5	1	7	0	9	9	9	9	1	0
3059	4	3	4	5	4	3	5	6	6	4	3	6	4	2	5	2	7	0	9	8	9	8	1	0
3060	4	4	4	5	4	3	5	4	4	4	2	0	5	2	5	2	7	0	9	8	8	9	1	0
3061	4	4	4	5	3	3	5	5	4	4	2	0	5	1	4	1	7	0	9	9	9	9	1	0
3062	4	3	4	5	4	3	5	5	4	3	3	6	4	2	5	2	7	0	9	9	8	9	1	0
3063	4	3	5	4	4	3	5	5	4	4	2	0	5	2	5	2	7	0	9	9	8	8	1	0
3064	4	4	5	6	4	3	5	5	4	4	2	6	6	2	5	2	7	0	9	9	9	8	1	0
3065	4	3	5	5	4	3	5	5	5	4	2	6	5	2	5	1	7	0	9	9	9	8	1	0
3066	4	3	4	4	4	3	5	5	5	4	2	5	3	2	5	1	7	0	9	9	8	8	1	0
3067	4	4	4	5	3	3	6	5	4	4	2	6	4	2	5	1	6	0	9	8	9	8	1	0
3068	4	3	5	5	4	3	5	5	4	4	2	0	5	2	5	2	8	0	9	9	9	8	1	0
3069	4	3	5	7	3	3	6	6	4	3	4	6	4	1	2	1	9	0	9	9	9	9	1	0
3070	4	3	5	7	2	3	6	5	4	2	4	6	4	1	2	1	9	0	9	9	9	9	1	0
3071	4	4	5	7	3	3	6	6	4	4	3	6	4	1	2	1	9	0	9	9	9	9	1	0
3072	4	3	4	7	3	3	6	5	4	4	4	6	4	1	2	1	9	0	9	9	9	9	1	0
3073	4	4	4	7	2	3	7	6	4	5	5	6	8	1	2	1	9	0	9	9	9	5	1	0
3074	4	3	4	8	3	3	6	5	4	3	4	6	5	1	2	1	9	0	9	9	9	9	1	0
3075	4	3	5	5	4	3	5	5	5	5	5	5	4	1	2	1	7	0	9	9	9	8	1	0
3076	4	4	5	7	2	3	6	6	4	4	3	6	5	1	4	1	9	0	9	9	9	4	1	0
3077	4	3	5	7	3	2	5	5	5	3	3	6	4	2	2	1	9	0	9	9	9	5	1	0
3078	4	4	4	5	4	3	4	3	3	3	2	5	5	1	1	1	9	0	9	9	9	5	1	0
3079	4	3	5	6	4	2	6	6	6	5	4	5	4	2	4	1	9	0	9	9	9	5	1	0
3080	4	3	4	4	4	2	5	5	5	4	3	5	5	2	4	2	9	0	9	8	9	5	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER	
3081	4	3	4	3	4	3	3	3	4	4	2	4	6	1	4	1	9	0	9	9	9	6	1	0	
3082	4	5	5	5	4	3	4	5	5	3	5	6	4	1	4	1	9	0	9	9	9	9	7	1	0
3083	4	3	4	5	4	3	4	4	5	4	2	5	6	2	2	3	9	0	9	9	9	9	1	0	
3084	4	4	4	5	4	3	5	4	4	3	2	6	6	1	1	1	9	0	7	9	9	8	1	0	
3085	4	4	4	5	3	3	5	5	5	4	2	6	7	1	1	1	9	0	7	9	9	8	1	0	
3086	4	4	4	5	4	3	4	4	4	3	2	5	6	1	4	2	9	0	9	9	9	9	1	0	
3087	4	5	4	6	4	3	5	4	4	4	2	5	6	1	4	1	9	0	9	9	9	9	1	0	
3088	5	4	4	5	3	3	5	4	4	5	2	4	7	1	4	1	9	0	9	9	9	8	1	0	
3089	5	5	4	5	4	3	4	4	4	4	3	5	5	1	2	1	9	0	9	8	9	9	1	0	
3090	4	3	4	5	5	4	4	4	5	4	4	4	4	1	2	3	9	0	9	8	9	9	1	0	
3091	5	5	4	4	4	4	4	3	4	5	3	4	5	1	1	1	9	0	9	8	9	9	1	0	
3092	5	4	4	5	4	3	4	3	4	4	3	4	6	1	4	1	9	0	9	8	9	9	1	0	
3093	5	4	4	4	4	3	3	3	4	4	3	4	4	1	4	1	9	0	9	9	9	9	1	0	
3094	3	4	4	5	4	4	4	3	3	4	3	5	6	1	2	3	9	0	9	8	9	9	1	0	
3095	4	3	4	5	4	3	4	4	5	5	3	4	5	1	3	3	9	0	9	7	9	9	1	0	
3096	4	4	4	5	4	3	4	5	5	5	3	5	5	1	4	1	9	0	9	9	9	9	1	0	
3097	4	4	4	4	4	3	4	4	4	4	8	5	5	1	4	1	9	0	9	9	9	9	1	0	
3098	4	3	4	3	4	3	4	4	4	5	3	4	5	2	2	2	9	0	9	8	9	9	1	0	
3099	4	4	4	5	4	3	4	3	3	4	3	4	6	1	2	1	9	0	9	9	8	9	1	0	
3100	4	3	4	4	4	3	3	3	4	4	1	4	6	1	4	1	9	0	9	9	8	9	1	0	
3101	5	5	4	5	4	3	1	2	5	4	3	4	4	1	4	1	9	0	9	8	9	9	1	0	
3102	4	3	4	3	4	2	3	3	4	5	2	3	4	1	4	1	9	0	9	9	8	9	1	0	
3103	4	4	4	4	4	2	3	3	5	4	2	4	4	1	4	1	9	0	9	6	8	9	1	0	
3104	4	4	4	5	4	3	3	3	5	5	2	4	4	1	2	1	9	0	9	8	9	9	1	0	
3105	4	3	4	4	4	2	3	3	5	4	2	4	3	1	4	3	9	0	9	8	9	8	1	0	
3106	4	4	4	4	4	3	4	4	5	4	3	4	3	1	3	3	9	0	9	9	9	9	1	0	
3107	4	4	4	5	4	2	2	3	5	4	3	5	4	1	2	1	9	0	9	8	8	9	1	0	
3108	4	4	4	4	4	3	3	4	5	4	3	5	5	1	3	3	9	0	9	8	9	9	1	0	
3109	4	4	4	4	4	3	3	3	4	4	4	4	4	1	3	3	9	0	9	8	9	9	1	0	
3110	4	3	4	4	5	3	2	3	5	4	3	4	4	1	4	1	9	0	9	8	9	9	1	0	
3111	4	3	4	4	5	3	3	3	4	4	4	5	4	1	4	1	9	0	9	8	9	9	1	0	
3112	4	4	4	3	4	3	3	3	4	4	3	4	4	1	4	1	9	0	9	9	9	8	1	0	
3113	4	3	4	3	5	3	2	2	4	4	3	4	4	1	2	3	9	0	9	8	9	9	1	0	
3114	4	4	4	4	4	3	2	2	4	3	3	5	4	2	4	2	9	0	9	9	9	7	1	0	
3115	4	4	4	5	4	3	4	4	5	5	5	4	4	1	4	2	9	0	9	9	8	9	1	0	
3116	3	3	4	4	5	2	2	2	4	2	3	5	5	2	4	2	9	0	9	8	9	9	1	0	
3117	4	5	4	4	4	3	4	4	4	4	3	5	5	1	4	2	9	0	9	8	9	9	1	0	
3118	4	3	4	4	4	3	4	3	4	7	1	5	5	1	5	1	9	0	9	9	9	7	1	0	
3119	4	4	4	4	4	3	3	2	4	4	4	3	4	1	4	3	9	0	9	6	8	9	1	0	
3120	4	4	4	5	4	3	5	4	4	4	3	5	4	1	4	1	9	0	9	9	9	8	1	0	

## 310 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER	
3121	4	3	4	5	4	2	5	4	4	5	3	5	5	1	2	3	9	0	9	9	9	8	1	0	
3122	4	4	4	7	4	2	5	5	4	5	3	5	5	1	1	1	9	0	9	9	9	8	1	0	
3123	4	4	4	5	4	2	5	4	4	5	2	4	5	1	4	1	9	0	9	8	9	8	1	0	
3124	4	4	4	5	4	3	4	4	4	5	3	4	5	1	4	1	9	0	9	9	9	8	1	0	
3125	4	3	4	7	4	3	5	4	4	4	3	5	4	2	4	2	9	0	9	8	8	8	1	0	
3126	4	4	4	5	4	3	5	5	5	4	3	5	4	2	2	2	9	0	9	9	9	8	1	0	
3127	4	4	4	4	4	3	4	3	4	3	2	5	3	1	1	1	9	0	9	9	9	8	1	0	
3128	4	4	4	2	4	3	2	3	5	5	5	3	3	1	1	1	9	0	9	9	9	8	1	0	
3129	4	5	4	4	4	3	3	3	4	5	5	2	4	4	1	2	3	9	0	9	9	9	9	1	0
3130	4	4	4	4	4	3	4	4	4	4	2	4	3	1	1	1	9	0	9	9	9	9	9	1	0
3131	4	3	4	5	4	3	4	3	4	4	1	5	4	1	1	1	9	0	9	8	9	8	1	0	
3132	4	3	4	4	5	3	3	3	4	5	2	3	3	1	1	1	9	0	9	9	9	8	1	0	
3133	5	5	4	4	4	3	4	4	5	3	2	5	4	1	4	1	9	0	7	9	9	8	1	0	
3134	4	3	4	4	5	3	4	4	5	5	2	4	4	1	1	1	9	0	9	9	8	8	1	0	
3135	4	4	4	5	4	2	4	4	4	5	4	4	4	1	2	1	9	0	9	9	9	8	1	0	
3136	4	4	5	3	4	2	4	5	6	6	5	2	4	1	4	1	9	0	9	9	9	9	1	0	
3137	5	6	5	4	5	4	6	6	5	6	3	4	4	1	1	1	9	0	9	7	9	9	1	0	
3138	4	3	4	5	5	4	4	4	5	4	2	5	5	1	1	1	9	0	9	8	8	9	1	0	
3139	4	3	4	5	3	3	4	4	5	4	4	5	4	1	2	2	9	0	9	8	9	9	1	0	
3140	4	4	4	2	5	2	4	4	5	4	3	5	4	1	2	1	9	0	9	9	9	9	1	0	
3141	4	3	4	5	4	3	4	4	4	5	3	4	3	1	2	1	9	0	9	9	9	9	1	0	
3142	4	3	4	3	5	3	4	4	4	5	4	3	3	1	2	1	9	0	9	9	9	9	1	0	
3143	4	3	4	3	4	3	3	3	4	4	2	4	4	1	4	3	9	0	9	9	9	9	1	0	
3144	4	3	4	3	5	3	3	4	5	4	3	5	3	1	4	3	9	0	9	9	9	9	1	0	
3145	4	4	4	4	5	3	2	3	5	4	3	5	4	1	3	3	9	0	9	8	8	9	1	0	
3146	4	4	4	7	3	3	6	6	4	3	3	6	3	1	2	1	9	0	9	9	9	9	1	0	
3147	4	3	4	7	4	3	5	5	4	1	1	6	0	-	0	0	9	0	9	8	9	9	9	0	
3148	4	3	4	4	3	2	4	5	5	4	2	5	3	2	4	2	9	0	9	9	9	9	1	0	
3149	5	4	4	4	4	3	4	3	4	5	2	4	4	1	4	1	9	0	9	9	9	9	1	0	
3150	4	3	4	4	4	3	4	4	4	4	2	4	4	1	4	1	9	0	9	9	9	9	1	0	
3151	4	4	4	4	4	2	4	4	5	4	3	5	4	1	4	1	9	0	9	8	9	8	1	0	
3152	4	4	4	4	4	3	3	3	5	5	2	3	4	1	1	1	9	0	9	9	9	8	1	0	
3153	4	3	4	4	4	2	4	4	4	5	2	4	4	1	4	1	7	0	9	9	9	8	1	0	
3154	4	3	4	5	4	3	4	5	5	5	2	4	3	1	1	1	7	0	9	8	9	8	1	0	
3155	4	4	4	4	4	3	3	4	5	5	2	4	4	1	4	1	9	0	9	9	9	8	1	0	
3156	4	3	4	4	4	3	3	3	4	3	2	5	4	2	4	2	9	0	9	9	9	9	1	0	
3157	4	3	4	5	4	3	4	3	4	5	2	4	4	1	1	1	9	0	9	9	9	9	1	0	
3158	4	4	4	5	4	3	4	4	5	5	1	4	4	1	1	1	9	0	9	9	9	8	1	0	
3159	4	3	4	3	3	2	4	4	5	5	2	4	5	1	1	1	9	0	9	9	9	8	1	0	
3160	4	3	4	3	4	3	4	4	5	5	2	3	4	1	1	1	9	0	9	9	9	8	1	0	

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CF	COL	IDC	HER
3161	4	4	4	4	4	3	4	4	5	5	2	4	4	2	4	2	9	0	9	9	9	8	1	0
3162	4	4	4	4	4	3	4	4	5	4	2	5	4	2	4	2	9	0	9	9	9	9	1	0
3163	4	3	4	4	4	3	5	4	4	5	3	4	5	1	1	1	9	0	9	9	9	9	1	0
3164	4	4	4	4	4	3	5	5	4	6	2	4	5	1	1	1	9	0	9	9	8	9	1	0
3165	4	3	4	4	5	3	4	4	4	5	2	4	4	1	1	1	9	0	9	9	9	9	1	0
3166	4	3	4	4	4	3	4	4	5	5	2	4	4	1	4	1	7	0	9	8	9	9	1	0
3167	4	3	4	5	5	3	4	4	5	5	2	4	4	1	4	1	7	0	9	9	9	9	1	0
3168	4	3	4	3	4	3	3	4	6	6	2	3	3	1	1	1	9	0	9	9	9	8	1	0
3169	4	4	4	5	4	3	5	4	4	4	3	5	4	1	1	1	9	0	9	9	9	9	1	0
3170	4	3	4	5	3	3	4	4	5	5	2	4	4	1	4	1	9	0	9	9	9	9	1	0
3171	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
3172	4	3	4	5	4	3	3	3	4	4	2	4	4	1	4	1	9	0	9	9	9	9	1	0
3173	4	4	4	4	4	3	4	4	4	5	2	4	4	1	4	1	9	0	9	9	9	9	1	0
3174	4	4	4	5	5	3	4	4	4	4	2	5	4	1	2	1	7	0	9	8	9	9	1	0
3175	4	3	4	4	5	3	4	4	4	5	2	4	4	1	1	1	9	0	9	8	9	9	1	0
3176	4	3	4	4	3	3	3	3	4	4	2	4	2	1	1	1	9	0	9	6	9	9	1	0
3177	4	3	4	4	5	3	3	3	4	4	2	4	4	1	2	1	9	0	9	9	9	5	1	0
3178	5	5	4	4	4	4	4	4	5	5	3	4	3	1	4	1	9	0	9	8	8	9	1	0
3179	4	3	4	4	3	3	4	4	4	5	2	4	4	1	1	1	9	0	9	9	9	9	1	0
3180	3	3	4	4	4	3	3	3	4	5	2	3	3	1	1	1	9	0	9	9	9	9	1	0
3181	4	4	4	4	4	3	3	4	5	5	2	3	4	1	4	1	9	0	9	6	9	9	1	0
3182	4	4	4	5	4	3	5	4	4	4	2	5	4	1	2	3	9	0	7	9	9	9	1	0
3183	4	5	4	5	4	3	3	3	4	4	2	4	4	1	2	1	9	0	9	9	9	9	1	0
3184	4	4	4	4	3	3	3	3	5	4	1	5	4	1	2	1	9	0	9	9	9	9	1	0
3185	4	3	4	4	4	3	4	4	4	4	2	4	4	1	2	3	9	0	9	7	9	9	1	0
3186	4	4	4	5	4	3	4	4	4	5	2	4	4	1	4	1	9	0	9	8	9	9	1	0
3187	4	4	4	4	4	3	4	4	6	5	2	4	3	1	1	1	9	0	9	9	9	9	1	0
3188	3	4	4	5	3	3	4	4	5	5	2	4	3	1	1	1	9	0	9	9	9	9	1	0
3189	4	5	4	5	4	3	5	4	4	5	2	4	5	1	4	1	9	0	9	8	9	8	1	0
3190	3	3	4	4	3	3	4	5	6	6	3	3	4	1	2	1	9	0	9	9	9	9	1	0
3191	4	3	4	4	4	3	4	4	5	5	2	4	4	2	4	2	9	0	9	9	9	8	1	0
3192	4	4	4	4	4	3	4	4	4	4	2	5	3	1	2	1	9	0	9	6	9	9	1	0
3193	4	3	4	5	3	3	4	4	4	5	3	4	3	1	1	1	9	0	9	8	9	9	1	0
3194	4	3	4	4	4	2	3	3	4	4	2	4	4	1	1	1	9	0	9	8	9	8	1	0
3195	5	6	5	4	5	3	3	4	5	6	3	2	3	1	1	1	9	0	9	8	9	9	1	0
3196	4	4	4	5	4	3	4	3	4	4	3	4	4	1	2	1	9	0	9	8	9	8	1	0
3197	3	3	4	4	3	3	4	4	4	4	1	4	4	1	4	1	7	0	9	9	9	8	1	0
3198	4	4	4	4	4	3	4	3	4	5	2	4	3	1	4	1	8	0	9	9	9	8	1	0
3199	4	3	4	5	4	2	3	3	4	4	2	4	3	1	1	1	9	0	9	9	9	9	1	0
3200	4	4	4	4	3	3	3	3	4	4	3	4	4	1	2	3	9	0	9	6	9	9	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
3201	4	3	4	5	4	4	3	3	4	4	2	4	3	1	2	3	9	0	9	8	9	9	1	0
3202	3	3	4	5	4	5	5	4	4	4	3	5	3	1	4	1	7	0	9	9	9	8	1	0
3203	3	3	4	4	4	3	4	4	4	4	3	5	3	1	4	1	9	0	9	9	9	9	1	0
3204	4	4	4	5	5	3	4	4	4	4	5	2	3	3	1	4	1	9	0	9	9	9	1	0
3205	4	3	4	5	3	3	5	5	5	6	2	3	3	1	4	1	9	0	9	9	9	5	1	0
3206	4	3	4	5	4	3	4	4	4	4	2	5	3	1	4	1	9	0	9	9	9	8	1	0
3207	4	3	4	7	3	3	5	5	4	5	2	5	4	1	4	1	9	0	9	9	9	8	1	0
3208	4	3	4	4	4	3	4	4	5	5	2	4	3	1	2	1	9	0	9	9	9	8	1	0
3209	4	3	4	4	4	3	3	4	5	5	2	3	3	1	2	1	9	0	9	8	9	8	1	0
3210	4	3	4	5	4	3	4	3	4	4	2	4	4	1	4	1	9	0	9	8	9	8	1	0
3211	4	4	4	4	4	3	4	3	4	4	2	5	4	2	4	1	9	0	9	9	9	6	1	0
3212	4	4	4	4	4	3	4	3	4	4	2	4	4	2	4	2	9	0	9	9	9	9	1	0
3213	4	5	4	3	3	3	3	3	5	5	3	4	4	1	4	1	9	0	9	8	9	7	1	0
3214	5	5	4	4	3	3	4	3	4	4	3	5	3	1	2	1	9	0	9	9	9	9	1	0
3215	3	3	4	5	3	3	3	3	4	4	3	4	4	1	1	1	9	0	9	8	9	9	1	0
3216	3	3	4	4	4	3	4	4	4	4	3	4	3	1	4	1	9	0	9	8	9	9	1	0
3217	4	4	4	3	4	2	2	2	4	4	3	4	4	1	4	1	9	0	9	8	9	9	1	0
3218	3	3	4	4	4	3	2	1	4	3	2	5	4	1	1	1	9	0	9	8	8	9	1	0
3219	4	4	4	4	4	3	3	4	5	4	3	4	3	1	4	1	8	0	9	8	9	9	1	0
3220	4	4	4	4	4	3	4	3	4	3	2	5	3	1	1	3	9	0	9	8	9	9	1	0
3221	4	4	4	3	4	3	3	3	5	4	3	5	2	1	2	1	9	0	9	8	8	9	1	0
3222	4	3	4	4	4	3	3	3	4	4	1	4	3	1	2	3	9	0	9	9	9	9	1	0
3223	4	3	4	5	4	3	3	3	5	4	2	4	2	1	2	3	9	0	9	8	9	9	1	0
3224	4	3	4	4	4	2	3	3	4	3	2	5	4	2	4	2	9	0	9	8	9	9	1	0
3225	4	4	4	3	5	3	3	4	5	4	2	4	5	1	1	1	9	0	9	7	9	8	1	0
3226	4	4	4	4	4	3	3	3	4	5	4	3	4	1	4	1	9	0	9	9	9	8	1	0
3227	4	3	4	4	4	3	5	4	3	2	2	6	6	2	4	2	9	0	9	9	9	9	1	0
3228	4	5	4	4	4	3	4	4	4	3	5	5	4	1	1	1	9	0	7	9	9	8	1	0
3229	4	4	4	4	5	3	3	3	4	3	4	5	4	1	1	1	9	0	9	9	9	8	1	0
3230	5	4	4	4	4	3	4	4	5	3	4	5	4	1	1	1	9	0	9	8	9	8	1	0
3231	4	4	4	5	4	3	3	2	4	3	3	5	5	1	2	1	9	0	9	8	9	8	1	0
3232	4	5	4	6	4	3	5	5	4	4	3	5	5	1	1	1	9	0	9	9	8	8	1	0
3233	5	5	4	5	5	3	4	4	4	3	2	5	4	2	1	1	9	0	9	9	8	8	1	0
3234	4	5	4	4	4	3	5	4	4	4	4	5	5	1	1	1	9	0	9	8	8	8	1	0
3235	4	5	4	4	4	3	5	5	4	5	4	5	4	1	2	1	9	0	9	8	9	6	1	0
3236	4	5	4	5	4	3	5	4	4	4	3	5	5	1	1	1	9	0	9	9	9	6	1	0
3237	4	3	4	5	4	2	5	5	4	4	2	5	2	1	2	1	9	0	9	9	9	9	1	0
3238	4	6	4	5	4	3	5	5	4	4	3	5	6	2	1	1	9	0	9	9	9	9	1	0
3239	4	3	4	4	3	3	5	4	4	3	3	5	4	1	2	1	9	0	9	9	9	7	1	0
3240	4	3	4	6	4	3	5	5	4	4	2	6	5	1	1	1	9	0	9	9	9	8	1	0

I LC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
3241	4	4	4	5	4	3	5	5	4	4	2	6	4	1	4	1	9	0	9	9	8	9	1	0
3242	4	4	4	4	4	3	4	4	4	3	2	6	5	1	2	1	9	0	9	9	9	8	1	0
3243	6	5	4	5	4	3	5	5	4	4	1	6	5	1	2	1	9	0	9	9	9	8	1	0
3244	4	4	4	4	4	3	2	5	4	4	9	5	5	2	4	2	7	0	9	9	9	5	1	0
3245	4	4	4	4	4	3	3	3	4	4	3	4	4	1	4	1	9	0	9	9	9	6	1	0
3246	4	4	4	4	4	3	3	3	4	4	4	4	5	1	4	1	8	0	9	9	9	7	1	0
3247	4	3	4	4	4	3	4	4	4	4	2	5	5	1	1	1	9	0	9	9	9	9	1	0
3248	4	6	4	1	3	2	4	5	6	5	6	5	5	2	4	2	7	0	9	9	9	6	1	0
3249	4	4	4	5	4	3	3	3	4	4	3	4	5	1	4	1	9	0	9	9	9	8	1	0
3250	4	4	4	4	3	3	5	4	3	4	2	5	7	2	4	7	9	0	9	9	9	9	1	0
3251	4	4	4	4	5	3	4	4	4	3	2	5	5	1	1	1	7	0	9	9	9	9	1	0
3252	4	3	5	5	4	3	5	5	4	4	4	5	6	1	4	1	7	0	9	8	9	9	1	0
3253	4	4	4	7	4	3	5	4	3	4	2	5	5	1	4	1	7	0	9	9	8	7	1	0
3254	4	4	5	5	4	3	5	4	4	4	6	5	5	1	4	1	6	0	9	8	9	8	1	0
3255	4	5	5	7	2	3	6	5	4	4	7	6	4	1	4	1	9	0	9	9	9	9	1	0
3256	4	4	4	5	4	4	4	4	4	5	3	4	6	1	2	1	9	0	7	9	8	9	1	0
3257	4	3	4	5	4	3	6	5	4	4	3	6	6	1	1	1	5	0	9	8	8	8	1	0
3258	4	4	4	6	3	3	5	4	4	5	3	5	6	2	4	2	9	0	9	9	9	9	1	0
3259	3	3	4	6	4	3	4	3	4	3	3	5	4	1	4	3	9	0	9	9	8	8	1	0
3260	4	4	4	5	4	3	5	4	4	4	2	5	5	1	1	1	7	0	9	9	9	8	1	0
3261	4	4	4	6	4	4	6	5	4	4	3	6	6	1	1	1	9	0	9	9	9	6	1	0
3262	4	5	4	6	4	3	5	4	4	3	2	6	6	1	1	1	9	0	9	9	9	9	1	0
3263	4	4	4	7	4	3	5	5	5	5	4	5	6	1	1	1	9	0	9	8	9	8	1	0
3264	4	4	4	4	5	2	5	5	4	4	3	0	6	1	2	1	7	0	9	8	9	8	1	0
3265	4	3	4	5	4	3	5	4	4	5	3	4	5	1	4	1	9	0	9	9	9	9	1	0
3266	4	5	4	5	4	3	5	5	4	4	3	5	5	1	2	1	9	0	9	9	9	8	1	0
3267	4	3	4	5	3	2	5	5	4	5	3	5	5	1	4	1	9	0	9	8	9	8	1	0
3268	4	4	4	4	4	3	5	5	4	4	3	5	5	1	4	1	9	0	9	9	9	8	1	0
3269	4	3	4	6	4	3	4	5	6	6	4	3	4	1	1	1	9	0	9	8	9	9	1	0
3270	3	3	4	4	4	3	5	5	4	5	3	4	5	1	1	1	9	0	9	8	9	9	1	0
3271	5	4	5	5	4	3	4	4	5	4	3	5	5	1	4	1	9	0	9	8	8	9	1	0
3272	5	4	4	2	2	2	4	5	5	4	5	5	5	2	2	2	7	0	9	9	9	8	1	0
3273	4	5	4	3	3	2	4	5	5	5	9	5	6	2	2	2	9	0	9	8	8	8	1	0
3274	6	6	4	2	4	2	4	4	5	4	3	5	5	2	4	2	5	0	9	9	9	4	1	0
3275	4	4	4	4	4	2	3	3	4	3	2	5	5	2	4	2	8	0	9	9	9	9	1	0
3276	4	4	4	4	4	3	4	4	4	5	4	4	6	1	4	1	9	0	7	9	8	9	1	0
3277	4	4	4	4	4	3	4	4	4	5	5	3	5	1	4	1	9	0	9	9	9	6	1	0
3278	3	3	4	5	3	3	4	4	4	5	2	4	5	1	1	1	9	0	9	8	9	8	1	0
3279	6	6	5	2	4	2	4	5	5	5	3	5	5	2	4	2	3	0	9	8	9	8	1	0
3280	5	6	5	5	4	3	6	5	4	4	1	6	5	2	5	1	7	0	7	9	9	7	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrE	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
3281	5	5	4	7	3	2	5	5	4	4	2	5	5	2	4	2	9	0	7	9	9	9	1	0
3282	4	3	5	5	5	2	3	3	5	5	2	2	5	1	2	1	9	0	9	9	9	8	1	0
3283	5	5	5	4	4	3	4	4	5	5	5	4	5	1	2	1	9	0	9	9	9	9	1	0
3284	5	4	4	4	4	3	3	3	5	5	5	3	5	1	4	1	9	0	9	9	9	8	1	0
3285	4	4	4	4	4	3	4	5	5	4	3	5	5	1	4	1	9	0	9	9	9	6	1	0
3286	5	6	5	4	3	2	4	5	5	4	5	5	5	2	4	2	9	0	9	9	9	6	1	0
3287	4	4	4	5	4	3	4	3	4	3	2	5	5	1	4	1	9	0	9	9	8	4	1	0
3288	5	4	5	6	4	2	5	5	5	4	5	6	3	1	2	1	7	0	9	8	9	5	1	0
3289	6	6	5	6	4	3	6	5	3	4	2	6	5	1	4	1	9	0	9	9	9	7	9	0
3290	4	4	4	4	3	3	4	5	5	5	3	5	6	1	4	1	9	0	9	9	8	7	5	0
3291	5	5	5	5	4	4	4	3	3	5	3	4	6	1	2	1	9	0	9	8	9	9	1	0
3292	5	4	4	5	5	4	5	4	3	5	3	3	6	1	4	1	9	0	9	8	9	9	1	0
3293	4	5	4	5	4	4	4	3	3	5	3	4	8	1	4	1	9	0	9	8	9	9	1	0
3294	4	5	4	4	4	4	2	2	4	4	5	4	5	1	4	1	9	0	9	8	9	9	1	0
3295	4	4	4	4	4	4	4	3	4	4	3	4	6	1	2	3	9	0	9	8	9	9	1	0
3296	5	5	4	5	5	4	4	4	4	5	4	4	5	1	4	1	9	0	9	8	9	9	1	0
3297	4	5	4	4	3	3	5	4	4	5	2	5	5	1	4	1	9	0	9	8	9	9	1	0
3298	4	4	4	7	3	3	3	3	4	5	4	4	7	1	2	1	9	0	9	8	9	9	1	0
3299	5	4	4	5	4	4	2	2	5	4	4	4	6	1	2	3	9	0	9	8	9	9	1	0
3300	4	5	4	6	4	4	6	6	4	6	1	4	6	1	3	3	9	0	9	8	9	9	1	0
3301	5	5	5	6	4	4	4	3	4	5	3	4	6	1	4	1	9	0	9	8	9	9	1	0
3302	4	4	4	4	5	4	4	4	4	5	2	4	6	1	4	3	9	0	9	8	9	9	1	0
3303	4	4	4	4	6	4	4	3	4	4	3	4	6	1	1	3	9	0	7	8	9	9	1	0
3304	4	3	4	5	4	3	4	3	4	5	3	3	5	1	2	3	9	0	9	8	9	9	1	0
3305	4	5	5	5	5	3	4	4	4	5	4	3	5	1	2	3	9	0	9	8	8	9	1	0
3306	4	4	4	5	4	3	5	4	4	3	2	0	6	2	4	2	9	0	9	9	9	9	1	0
3307	4	4	4	4	7	3	3	2	3	4	3	4	5	1	4	3	9	0	9	8	8	9	1	0
3308	4	4	4	6	6	4	4	3	3	5	5	4	6	1	4	1	9	0	9	8	9	9	1	0
3309	4	4	4	4	6	3	3	3	4	4	3	3	5	1	4	3	9	0	9	8	9	9	1	0
3310	4	4	4	5	5	3	4	4	3	5	2	3	6	1	3	3	9	0	7	8	9	8	1	0
3311	4	4	4	5	5	3	4	4	5	5	3	4	6	1	3	3	9	0	9	7	9	9	1	0
3312	4	4	5	4	5	3	4	4	4	5	3	4	6	1	2	3	9	0	9	8	9	9	1	0
3313	4	4	4	4	6	3	4	3	4	5	3	3	6	1	4	3	9	0	9	8	8	9	1	0
3314	4	4	5	4	6	4	5	5	4	5	3	4	7	1	1	1	9	0	9	8	9	9	1	0
3315	4	4	5	5	5	4	4	4	4	5	3	3	6	1	4	1	9	0	9	8	9	9	1	0
3316	5	5	5	4	5	4	5	4	3	5	3	4	6	1	4	1	9	0	9	8	8	9	1	0
3317	4	4	5	5	4	4	5	4	3	5	4	3	7	1	2	3	9	0	9	8	9	9	1	0
3318	4	5	5	5	5	4	4	4	4	5	3	3	8	1	3	3	9	0	7	8	9	8	1	0
3319	5	5	5	5	5	4	5	5	4	5	5	4	6	1	2	1	9	0	7	8	9	9	1	0
3320	5	5	5	5	5	4	4	3	3	5	2	4	7	1	1	1	9	0	9	9	9	9	1	0



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
3321	5	4	5	4	7	4	5	4	4	5	2	3	6	1	1	1	9	0	9	8	8	9	1	0
3322	4	4	4	6	4	3	4	4	3	5	2	4	6	1	4	1	9	0	9	8	9	9	1	0
3323	4	3	4	4	5	3	4	4	3	5	3	4	5	1	4	3	9	0	9	8	8	9	1	0
3324	4	4	4	5	4	3	4	4	4	4	3	4	5	1	4	1	9	0	9	8	8	9	1	0
3325	4	5	4	5	5	3	3	3	4	5	7	3	6	1	2	3	9	0	9	8	9	9	1	0
3326	4	3	4	4	5	3	5	4	4	4	3	5	5	1	2	1	9	0	9	8	9	9	1	0
3327	4	3	4	4	5	3	4	4	4	4	6	5	5	1	4	1	9	0	9	9	9	9	1	0
3328	4	5	5	5	4	2	5	4	4	4	3	5	6	1	2	1	7	0	9	9	9	9	1	0
3329	4	3	5	5	5	2	4	4	4	4	6	5	5	1	4	1	6	0	9	9	9	9	1	0
3330	4	3	5	6	4	2	5	5	4	5	6	5	5	1	4	1	6	0	9	9	9	9	1	0
3331	4	4	4	5	4	2	5	5	4	5	6	5	5	1	4	1	6	0	9	9	8	9	1	0
3332	4	4	5	5	4	2	4	5	6	5	6	4	4	1	4	1	9	0	9	8	9	9	1	0
3333	4	3	4	5	4	3	4	4	4	3	2	5	5	1	1	1	7	0	9	8	9	9	1	0
3334	4	5	4	6	3	3	6	5	3	5	3	5	7	1	4	1	9	0	9	9	9	9	1	0
3335	4	3	4	6	4	3	5	5	4	3	2	6	5	2	1	3	9	0	9	8	9	9	1	0
3336	6	5	5	5	5	3	4	5	5	4	1	5	5	1	1	1	9	0	7	8	9	8	1	0
3337	4	4	4	6	3	2	6	6	5	5	2	6	6	1	4	1	9	0	9	9	9	8	1	0
3338	5	4	4	6	4	2	6	6	4	4	2	6	7	1	4	1	9	0	9	9	9	8	1	0
3339	5	5	4	6	4	3	5	6	5	5	2	0	6	1	4	1	9	0	9	9	9	8	1	0
3340	5	5	4	5	5	4	5	4	4	3	1	5	7	2	5	2	5	0	9	9	9	6	1	0
3341	4	4	4	5	4	3	4	4	4	5	2	4	6	1	1	1	9	0	9	8	9	8	1	0
3342	4	4	4	5	5	3	5	5	4	4	2	6	5	2	5	2	5	0	9	9	8	9	1	0
3343	4	4	4	4	5	3	5	5	5	4	2	5	6	1	1	1	7	0	9	9	9	8	1	0
3344	4	4	4	4	6	3	3	3	4	4	2	4	6	1	1	1	9	0	9	9	9	8	1	0
3345	4	4	4	4	4	3	4	3	4	5	3	3	6	1	4	1	9	0	9	9	9	9	1	0
3346	5	6	5	3	4	2	5	5	5	5	3	5	5	2	4	2	5	0	9	8	8	8	1	0
3347	5	5	4	6	5	3	5	5	4	4	1	6	6	1	1	1	6	0	9	9	9	9	1	0
3348	4	4	5	5	5	3	4	4	5	5	2	3	5	1	4	1	9	0	9	9	9	7	1	0
3349	4	4	5	5	4	3	4	5	5	6	4	4	4	1	1	1	9	0	9	8	9	8	1	0
3350	5	6	5	5	5	3	5	5	5	4	2	5	6	1	3	3	9	0	7	9	8	8	1	0
3351	4	3	4	5	4	3	5	5	4	4	2	6	6	2	5	2	9	0	9	8	8	9	1	0
3352	4	3	4	4	4	2	4	4	5	4	7	5	5	2	7	2	9	0	9	9	9	8	1	0
3353	5	6	5	4	6	3	4	4	5	5	7	4	5	1	1	1	9	0	9	9	9	8	1	0
3354	4	4	4	4	5	3	3	3	4	4	2	4	6	1	4	1	9	0	9	9	9	8	1	0
3355	4	4	4	5	6	3	3	3	5	5	5	3	5	1	2	1	9	0	9	8	9	8	1	0
3356	4	3	4	3	6	3	3	3	4	5	4	3	6	1	2	1	9	0	9	9	9	9	1	0
3357	4	3	5	3	6	3	3	4	5	6	3	2	6	1	2	1	9	0	9	9	9	9	1	0
3358	4	4	5	4	4	3	4	4	5	6	4	3	5	1	4	1	9	0	9	9	9	9	1	0
3359	4	2	5	3	5	3	4	4	5	6	3	2	5	1	3	1	9	0	9	9	9	8	1	0
3360	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	9	0	0	0	0	0

## 316 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
3361	4	3	5	5	5	3	5	5	4	6	3	2	5	1	3	1	9	0	9	9	9	9	1	0
3362	4	3	5	4	5	2	3	4	5	6	3	1	5	1	3	1	9	0	9	9	8	9	1	0
3363	4	3	5	4	4	2	3	3	5	6	2	1	5	1	3	1	9	0	9	9	9	9	1	0
3364	4	4	5	3	6	2	3	3	5	5	3	3	6	1	3	1	9	0	9	9	9	9	1	0
3365	4	3	5	4	6	2	4	4	5	6	3	2	5	1	3	1	9	0	9	8	8	9	1	0
3366	4	4	5	4	6	2	3	4	6	6	3	1	4	1	3	1	9	0	9	9	9	9	1	0
3367	5	5	5	3	6	3	2	2	5	5	3	2	5	1	4	1	9	0	9	8	9	8	1	0
3368	4	4	5	3	5	2	5	5	5	5	3	5	5	1	2	1	9	0	9	8	9	8	1	0
3369	4	4	5	4	6	2	3	3	5	5	3	2	4	1	3	1	9	0	9	8	9	9	1	0
3370	4	4	5	4	6	3	4	4	6	6	3	1	5	1	3	1	9	0	9	9	8	9	1	0
3371	4	5	5	4	5	2	2	4	7	6	3	2	6	1	4	1	9	0	9	9	8	9	1	0
3372	4	4	5	3	5	3	3	3	5	5	3	2	5	1	2	1	9	0	9	8	8	9	1	0
3373	4	3	5	4	6	3	3	4	5	6	3	1	4	1	3	1	9	0	9	9	9	9	1	0
3374	4	4	4	3	7	3	2	2	4	4	2	4	5	1	4	1	9	0	9	9	9	8	1	0
3375	5	5	5	4	6	3	3	4	5	6	3	2	5	1	2	1	9	0	9	8	9	9	1	0
3376	4	4	4	4	6	3	4	3	4	5	3	4	5	1	1	1	9	0	9	8	9	8	1	0
3377	4	4	4	3	6	3	3	3	5	5	4	3	5	1	4	1	9	0	9	8	9	8	1	0
3378	4	5	4	3	6	2	4	3	4	5	2	4	5	1	1	1	9	0	9	9	8	9	1	0
3379	4	4	5	4	6	3	3	4	6	6	3	2	3	1	3	1	9	0	9	9	8	9	1	0
3380	4	3	5	4	5	3	3	3	5	5	2	3	4	1	3	1	9	0	9	9	9	9	1	0
3381	4	4	5	3	6	3	2	4	6	5	2	2	3	1	3	1	9	0	9	9	8	9	1	0
3382	4	3	5	2	7	2	3	4	6	6	2	2	4	1	3	1	9	0	9	9	9	9	1	0
3383	4	3	5	2	7	3	3	3	5	5	2	2	4	1	3	1	9	0	9	9	9	9	1	0
3384	4	4	5	4	6	3	2	3	5	6	3	1	5	1	3	1	9	0	9	9	9	9	1	0
3385	4	4	5	2	6	3	3	3	5	6	3	1	4	1	3	1	9	0	9	9	9	9	1	0
3386	4	3	5	4	6	3	3	4	6	6	3	1	4	1	3	1	9	0	9	9	9	9	1	0
3387	4	4	4	5	4	3	4	3	4	4	2	5	5	1	4	1	9	0	9	8	9	9	1	0
3388	4	4	4	3	6	3	4	4	4	4	2	5	5	2	4	2	7	0	9	9	9	8	1	0
3389	4	5	4	4	6	3	4	4	5	3	2	5	4	2	1	2	7	0	9	9	9	9	1	0
3390	4	4	4	4	6	3	3	3	4	3	2	5	4	1	2	1	9	0	9	9	8	8	1	0
3391	4	4	4	5	5	3	3	3	4	4	1	4	4	1	4	1	9	0	7	9	9	9	1	0
3392	4	4	4	4	6	3	4	3	4	3	2	5	5	1	4	3	9	0	7	9	8	9	1	0
3393	4	4	4	4	6	3	3	3	5	4	2	4	5	1	2	1	8	0	9	9	9	6	1	0
3394	4	5	5	5	4	3	4	4	4	5	3	4	6	1	4	1	9	0	9	9	9	8	1	0
3395	3	3	4	5	5	3	4	4	5	5	3	4	4	1	4	1	9	0	9	9	9	8	1	0
3396	3	3	4	4	5	3	4	5	5	5	4	4	4	1	4	3	9	0	9	9	8	8	1	0
3397	3	2	4	4	3	3	4	4	5	6	3	2	3	1	4	1	8	0	9	8	8	8	1	0
3398	3	1	4	5	6	2	4	4	5	6	4	3	3	1	4	1	9	0	9	9	8	9	1	0
3399	4	3	4	4	7	3	3	3	4	5	3	3	4	1	4	1	9	0	9	9	8	9	1	0
3400	5	4	5	5	5	3	5	5	5	4	3	6	4	1	4	1	5	0	9	9	8	6	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GtH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
3401	4	5	4	2	5	2	3	4	5	4	3	5	4	1	2	1	8	0	9	9	9	5	1	0
3402	4	5	4	4	6	3	3	3	4	4	2	4	5	1	4	1	8	0	9	9	9	5	1	0
3403	4	4	4	3	7	3	2	3	5	5	3	3	4	1	4	1	8	0	9	9	8	5	1	0
3404	4	4	4	4	6	3	3	3	5	4	3	4	3	1	1	1	8	0	9	9	9	5	1	0
3405	5	5	4	5	5	3	4	4	4	5	3	4	4	1	4	1	9	0	7	8	9	7	1	0
3406	4	5	4	3	5	2	4	4	5	4	3	5	3	2	4	2	8	0	9	9	9	7	1	0
3407	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
3408	4	4	5	2	6	3	3	5	7	6	2	2	3	1	3	1	9	0	9	8	9	9	1	0
3409	3	2	4	4	5	2	4	5	5	6	2	2	4	1	4	1	9	0	9	6	9	9	1	0
3410	4	3	5	3	6	3	4	4	5	6	3	2	4	1	1	1	9	0	9	9	8	7	1	0
3411	4	3	5	5	5	3	4	5	6	6	3	2	4	1	3	1	9	0	9	8	8	5	1	0
3412	4	4	4	4	5	3	5	5	5	6	2	2	3	1	3	1	9	0	9	8	9	7	1	0
3413	4	3	5	3	5	2	4	5	6	6	2	1	4	1	3	1	9	0	9	8	9	5	1	0
3414	4	5	5	4	5	3	4	1	6	6	2	2	4	1	4	1	9	0	9	8	9	5	1	0
3415	4	5	4	4	6	3	4	4	4	4	1	5	5	1	4	1	7	0	9	9	8	5	1	0
3416	4	4	4	2	6	3	3	3	5	5	3	2	4	1	2	1	9	0	9	9	9	5	1	0
3417	4	4	4	4	6	2	4	4	5	6	2	3	4	1	4	1	8	0	9	9	9	6	1	0
3418	4	4	4	4	6	3	4	4	4	5	3	3	4	1	4	1	8	0	9	9	9	5	1	0
3419	4	4	4	4	5	3	4	5	6	6	3	2	4	1	3	1	9	0	9	8	9	9	1	0
3420	4	5	4	4	6	3	4	4	5	4	2	5	4	1	4	1	8	0	9	9	8	5	1	0
3421	5	4	5	2	6	3	3	6	8	6	4	3	3	1	2	3	8	0	9	9	9	7	1	0
3422	4	5	4	4	5	3	3	5	6	5	2	4	5	1	4	1	8	0	9	9	9	5	1	0
3423	4	4	4	4	4	3	4	4	5	5	2	3	4	1	2	1	9	0	9	9	8	5	1	0
3424	5	4	5	4	5	2	5	5	5	6	2	4	4	1	1	3	9	0	9	9	8	5	1	0
3425	5	5	4	4	6	3	3	4	6	5	3	3	4	1	4	1	7	0	9	9	8	5	1	0
3426	5	5	5	4	5	3	4	5	6	5	4	4	3	1	4	1	7	0	7	9	9	5	1	0
3427	4	4	4	4	5	3	3	4	5	5	2	3	4	1	2	1	8	0	9	9	9	5	1	0
3428	4	4	4	4	4	3	5	4	4	4	2	5	3	1	4	3	9	0	9	9	9	7	1	0
3429	4	4	4	4	5	3	4	4	4	5	2	4	5	1	4	1	7	0	9	9	9	5	1	0
3430	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	9	0	0	6	0	0
3431	4	4	5	4	6	3	4	4	5	5	3	3	5	1	2	1	9	0	9	9	9	5	1	0
3432	4	4	4	3	5	2	4	4	4	5	2	4	4	1	4	1	9	0	9	9	9	5	1	0
3433	4	4	4	4	5	2	4	4	4	4	2	4	4	1	4	1	7	0	9	9	9	6	1	0
3434	4	4	4	4	5	2	4	4	4	5	2	4	4	1	4	1	7	0	9	9	9	6	1	0
3435	4	4	4	4	4	2	4	5	5	6	2	3	3	1	3	1	9	0	9	9	8	8	1	0
3436	4	5	4	4	5	2	4	4	5	5	2	3	4	1	4	1	9	0	9	9	8	5	1	0
3437	4	3	4	3	5	2	3	4	5	5	3	2	4	1	4	1	9	0	9	9	8	5	1	0
3438	4	4	4	4	5	3	4	4	4	5	2	3	5	1	4	1	8	0	9	9	8	5	1	0
3439	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	7	0	0	0	0	8	0	0
3440	4	4	5	5	5	2	5	6	6	6	2	2	3	1	3	1	9	0	9	8	8	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SKO	AB	FW	LM	CC	CN	COL	IDC	HER
3441	4	4	5	5	4	3	5	6	6	6	2	2	3	1	3	1	9	0	9	9	8	7	1	0
3442	4	6	5	4	6	3	4	5	6	6	2	2	4	1	2	1	9	0	9	9	8	5	1	0
3443	4	4	5	4	6	3	3	4	6	6	2	2	3	1	2	1	9	0	9	9	8	7	1	0
3444	4	4	5	5	5	3	5	5	4	6	2	2	4	1	3	1	9	0	9	8	9	7	1	0
3445	4	4	5	4	5	3	4	4	5	6	2	2	4	1	3	1	9	0	9	8	9	7	1	0
3446	4	4	5	4	5	2	4	4	5	6	2	2	4	1	2	1	9	0	9	9	9	6	1	0
3447	4	3	4	3	5	2	4	5	5	6	2	2	4	1	3	1	9	0	9	8	8	7	1	0
3448	4	3	4	4	6	2	4	4	5	6	2	2	3	1	3	1	9	0	9	8	9	7	1	0
3449	4	4	4	4	5	3	5	5	5	6	2	2	4	1	4	1	9	0	9	9	8	5	1	0
3450	4	4	5	5	5	3	5	5	5	6	2	2	4	1	3	1	9	0	9	9	9	6	1	0
3451	4	3	4	4	5	3	4	5	6	6	2	4	4	1	4	1	8	0	9	9	8	5	1	0
3452	5	5	4	4	6	3	5	4	4	5	2	3	3	1	4	1	8	0	9	9	9	5	1	0
3453	4	4	4	3	6	3	4	4	5	6	3	2	3	1	4	3	8	0	9	9	9	7	1	0
3454	4	4	4	5	4	3	5	5	5	4	2	5	3	2	4	3	7	0	9	9	9	7	1	0
3455	4	4	4	4	5	3	3	4	6	6	3	2	3	1	4	1	8	0	9	9	9	5	1	0
3456	4	4	4	4	5	3	4	4	5	5	2	3	4	1	4	1	8	0	9	8	9	5	1	0
3457	4	4	4	5	5	3	4	5	5	5	2	5	3	1	4	2	8	0	9	9	9	7	1	0
3458	4	4	4	5	5	3	4	4	4	5	2	4	3	1	4	3	7	0	9	9	8	6	1	0
3459	4	4	4	5	5	3	5	4	4	4	2	5	3	2	4	3	7	0	9	9	9	7	1	0
3460	5	5	4	5	6	3	4	4	4	4	2	5	4	1	3	1	7	0	9	9	9	6	1	0
3461	5	5	4	5	5	3	5	4	4	4	2	5	4	1	4	1	6	0	9	9	8	6	1	0
3462	4	4	4	5	4	3	4	4	4	4	2	5	4	1	2	1	6	0	9	9	9	5	1	0
3463	4	4	4	4	6	3	4	4	4	5	2	4	3	1	4	1	6	0	9	9	9	5	1	0
3464	4	5	4	4	6	3	4	4	4	5	2	4	3	1	1	1	8	0	9	9	9	6	1	0
3465	5	4	5	4	5	2	4	6	7	5	3	5	2	1	4	1	8	0	7	9	9	3	1	0
3466	5	4	4	4	5	3	3	3	4	4	3	4	3	1	4	1	8	0	9	9	9	6	1	0
3467	4	5	4	4	6	3	4	6	8	6	2	3	3	1	4	1	8	0	9	9	9	6	1	0
3468	5	4	4	4	5	3	4	4	4	4	1	5	3	1	4	1	8	0	7	9	9	4	1	0
3469	4	4	4	4	6	3	3	3	4	5	2	1	3	1	4	1	9	0	9	9	9	6	1	0
3470	5	5	5	4	5	3	4	5	6	5	3	4	3	1	4	1	9	0	5	9	8	3	1	0
3471	4	4	4	4	6	3	3	3	4	5	2	3	4	1	4	1	8	0	9	9	8	6	1	0
3472	4	4	4	4	5	3	3	4	5	4	2	4	3	1	4	1	8	0	9	9	9	6	1	0
3473	4	4	4	5	5	3	4	4	5	5	2	4	4	1	4	1	8	0	9	9	9	6	1	0
3474	4	4	4	4	6	3	4	4	5	5	1	5	3	1	4	1	8	0	9	9	9	5	1	0
3475	4	4	5	4	5	3	5	5	6	5	3	4	3	1	4	1	9	0	9	9	9	6	1	0
3476	5	5	4	5	6	3	5	4	4	4	3	5	4	1	4	1	7	0	5	9	8	4	1	0
3477	4	5	4	4	6	3	4	4	4	4	2	5	3	2	4	2	8	0	9	9	8	7	1	0
3478	4	5	5	5	5	3	4	4	5	5	3	3	4	1	2	1	9	0	9	8	9	5	1	0
3479	4	5	5	4	6	3	4	4	5	5	2	3	4	1	4	1	9	0	9	9	8	6	1	0
3480	4	4	4	5	5	2	3	3	4	5	3	4	3	1	4	1	9	0	9	8	9	5	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
3481	4	4	5	3	5	3	3	5	7	6	2	2	5	1	4	3	9	0	9	8	9	7	1	0
3482	4	3	4	4	6	3	3	3	5	5	3	3	4	1	4	1	9	0	9	9	9	6	1	0
3483	4	4	4	5	6	3	5	5	5	5	2	5	3	1	4	1	8	0	9	9	9	5	1	0
3484	4	4	4	4	5	3	4	4	4	5	2	5	4	2	4	2	8	0	9	9	9	5	1	0
3485	4	5	5	3	6	2	3	4	5	5	3	3	5	1	4	1	8	0	9	9	9	5	1	0
3486	4	4	5	4	6	2	4	5	6	6	2	2	5	1	3	1	9	0	9	9	9	7	1	0
3487	4	4	4	3	5	2	3	4	6	5	2	3	3	1	4	1	9	0	9	9	9	6	1	0
3488	4	5	5	3	6	2	3	5	7	6	3	2	4	1	4	1	9	0	9	9	9	7	1	0
3489	4	4	5	5	5	2	4	4	6	5	2	3	4	1	4	3	9	0	9	8	9	7	1	0
3490	5	4	5	3	6	2	4	5	6	6	4	3	3	1	4	1	9	0	9	9	9	6	1	0
3491	4	5	5	4	5	2	3	4	5	5	2	2	5	1	4	1	9	0	9	8	9	7	1	0
3492	4	4	4	4	5	3	4	4	5	4	2	5	3	1	4	1	7	0	7	8	9	5	1	0
3493	4	5	5	3	5	2	2	5	7	6	2	3	3	1	4	1	8	0	9	9	9	6	1	0
3494	4	4	4	4	6	3	4	3	4	4	2	5	3	1	4	1	7	0	9	8	9	6	1	0
3495	4	4	4	3	5	2	3	4	5	5	3	3	4	1	4	1	8	0	9	9	9	6	1	0
3496	4	4	5	3	5	2	3	4	6	6	3	1	3	1	3	1	9	0	9	8	9	8	1	0
3497	4	5	4	3	6	2	3	4	6	6	3	2	4	1	2	1	9	0	9	8	9	7	1	0
3498	4	4	4	4	5	2	3	4	5	5	2	3	3	1	4	1	9	0	9	9	9	7	1	0
3499	4	4	5	2	6	2	3	4	5	6	2	2	3	1	2	1	9	0	9	9	9	6	1	0
3500	4	5	5	3	5	2	3	4	5	5	2	2	4	1	2	1	9	0	9	8	8	7	1	0
3501	4	3	5	4	5	2	3	4	6	6	3	2	4	1	1	1	9	0	9	9	8	7	1	0
3502	4	4	4	4	6	2	4	4	5	5	2	3	5	1	4	1	7	0	9	9	9	7	1	0
3503	4	4	4	4	6	3	2	2	4	5	3	3	4	1	4	1	7	0	9	9	9	6	1	0
3504	4	3	5	4	5	3	3	4	5	6	3	1	4	1	3	1	9	0	9	9	9	8	1	0
3505	4	4	4	3	6	3	2	4	6	5	3	3	5	1	4	1	8	0	9	9	9	6	1	0
3506	4	3	4	3	5	3	4	3	4	5	3	3	4	1	4	1	7	0	9	9	9	5	1	0
3507	4	4	4	4	4	3	4	4	5	4	2	5	5	2	4	2	7	0	9	9	9	5	1	0
3508	4	5	5	5	4	3	4	5	6	6	4	3	5	1	4	1	7	0	9	9	9	7	1	0
3509	4	4	5	4	6	3	3	4	6	6	3	2	4	1	2	1	9	0	9	9	9	6	1	0
3510	4	4	4	5	3	3	4	5	5	6	2	3	4	1	4	1	9	0	9	9	9	5	1	0
3511	4	5	5	4	5	2	4	5	5	6	3	3	5	1	4	1	9	0	9	9	9	7	1	0
3512	4	3	5	4	5	2	4	5	5	6	4	3	6	1	4	1	9	0	9	9	9	7	1	0
3513	3	1	5	5	5	3	4	5	5	6	3	2	6	1	2	1	9	0	9	9	9	7	1	0
3514	4	4	4	5	5	2	4	4	5	5	3	3	6	1	4	1	8	0	9	9	9	5	1	0
3515	4	4	4	4	5	2	3	4	5	5	4	3	4	1	4	1	8	0	9	9	9	6	1	0
3516	4	4	4	4	5	2	4	4	5	6	2	2	5	1	4	1	9	0	9	9	8	6	1	0
3517	4	4	4	5	5	3	4	4	4	5	2	4	5	1	1	1	9	0	9	9	9	7	1	0
3518	4	4	5	4	5	2	4	4	5	6	2	1	4	1	3	1	9	0	9	8	9	8	1	0
3519	4	4	4	2	7	2	4	4	5	6	5	2	5	1	2	1	9	0	9	9	9	6	1	0
3520	4	2	5	5	5	2	4	4	5	6	4	1	6	1	3	1	9	0	9	9	9	7	1	0

ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CN	COL	IDC	HER	
3521	4	6	4	4	5	2	5	3	5	5	3	3	4	1	4	1	9	0	9	9	9	7	1	0	
3522	4	3	5	4	5	2	4	5	6	6	4	1	5	1	3	1	9	0	9	8	9	9	7	1	0
3523	4	3	5	4	5	2	4	4	5	6	4	1	5	1	3	1	9	0	9	9	9	9	7	1	0
3524	4	2	5	3	6	3	3	4	5	6	2	4	4	1	3	1	9	0	9	9	6	9	8	1	0
3525	4	4	5	4	6	2	3	4	6	6	4	2	5	1	4	1	8	0	9	9	8	9	1	0	
3526	4	4	4	4	5	2	4	5	5	6	4	3	6	1	1	1	9	0	9	9	9	8	1	0	
3527	4	3	5	4	5	2	4	4	5	6	3	1	4	1	3	1	9	0	9	9	9	8	1	0	
3528	3	2	4	4	5	3	5	5	4	6	3	3	6	1	4	1	9	0	9	9	9	5	1	0	
3529	4	4	4	5	5	3	5	5	5	5	4	5	4	1	4	2	7	0	7	9	9	9	1	0	
3530	4	4	4	4	5	3	4	4	4	4	2	5	4	1	4	3	7	0	7	9	9	7	1	0	
3531	4	4	4	4	5	3	5	4	4	5	3	4	6	1	1	1	9	0	9	9	9	7	1	0	
3532	5	5	5	3	6	2	4	5	6	6	4	2	4	1	4	1	9	0	9	9	9	7	1	0	
3533	5	5	5	5	4	3	5	5	5	5	3	4	5	1	1	1	9	0	9	9	9	8	1	0	
3534	5	4	4	4	5	2	4	5	5	4	2	5	4	1	4	1	9	0	9	9	9	8	1	0	
3535	4	4	4	4	5	2	4	4	5	5	3	4	5	1	1	1	9	0	9	9	9	6	1	0	
3536	5	5	4	5	5	3	6	6	4	5	5	5	4	1	2	1	9	0	7	9	9	8	1	0	
3537	4	3	5	6	3	3	6	5	4	4	2	6	3	1	2	1	9	0	9	9	9	8	1	0	
3538	4	3	4	6	4	3	5	5	4	4	2	6	5	1	1	3	8	0	9	9	8	9	1	0	
3539	4	3	4	7	3	3	7	7	5	5	3	6	5	1	4	1	9	0	9	9	9	6	5	0	
3540	4	3	4	6	3	3	5	5	4	5	3	5	6	1	4	3	8	0	9	9	9	4	1	0	
3541	4	3	4	6	4	4	5	4	4	4	3	5	6	1	4	1	9	0	9	9	9	8	1	0	
3542	5	6	4	6	4	3	6	6	4	5	1	0	6	1	4	1	9	0	9	9	9	5	1	0	
3543	4	3	4	5	4	3	4	4	4	4	4	5	4	1	4	1	9	0	9	9	9	5	1	0	
3544	6	5	5	4	5	3	5	5	4	5	2	5	5	1	2	3	9	0	7	9	9	5	1	0	
3545	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	6	1	0	
3546	3	2	5	5	3	3	4	5	6	6	7	3	5	1	4	1	9	0	9	9	9	8	1	0	
3547	5	5	4	5	5	3	5	5	5	6	6	4	5	1	1	1	9	0	9	9	9	8	1	0	
3548	4	4	4	5	5	3	4	3	4	4	3	5	4	1	2	3	8	0	9	9	8	8	1	0	
3549	5	5	4	5	5	3	4	3	4	5	3	4	5	1	4	1	9	0	9	9	9	6	1	0	
3550	4	3	4	5	4	3	4	3	4	5	2	3	5	1	4	1	9	0	9	9	8	6	0	0	
3551	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	7	0	0	
3550	4	3	4	5	4	0	4	3	4	5	2	3	0	-	0	0	9	0	0	0	0	0	1	0	
3553	4	4	4	5	4	3	5	5	4	4	9	5	5	1	2	1	9	0	9	9	9	5	1	0	
3554	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0	
3555	4	4	5	4	5	2	3	3	4	5	2	4	5	1	4	1	9	0	9	9	9	6	1	0	
3556	4	3	4	5	5	3	4	4	4	5	3	4	5	1	2	1	9	0	9	9	9	9	1	0	
3557	4	3	4	5	5	3	5	5	4	4	2	0	6	1	1	1	7	0	9	7	9	8	1	0	
3558	4	3	4	7	3	3	6	5	4	3	3	6	5	1	2	1	9	0	7	9	9	5	1	0	
3559	4	4	5	5	4	3	3	3	5	5	3	4	4	1	4	1	9	0	9	9	9	8	1	0	
3560	5	6	5	4	5	3	4	4	5	5	2	4	5	1	1	1	9	0	9	9	9	8	1	0	

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
3561	4	4	4	6	4	3	5	5	4	5	3	4	6	1	3	3	9	0	9	8	9	9	1	0
3562	5	4	5	4	5	3	3	3	5	5	4	3	5	1	4	1	8	0	9	9	9	7	1	0
3563	4	3	5	5	4	3	4	4	4	5	1	4	6	1	4	1	9	0	9	9	9	6	1	0
3564	5	5	4	6	5	3	5	5	4	4	4	0	7	2	4	2	7	0	9	9	9	6	1	0
3565	4	4	4	6	5	3	5	4	4	5	3	5	7	2	4	2	9	0	9	9	9	7	1	0
3566	5	5	4	5	5	3	4	4	5	5	4	4	5	1	4	1	9	0	9	9	9	8	1	0
3567	4	4	4	5	5	3	6	5	4	5	3	5	5	1	4	3	9	0	9	9	9	7	1	0
3568	4	3	4	5	5	3	5	5	4	5	3	4	7	1	1	1	9	0	9	9	9	6	1	0
3569	4	3	4	5	4	3	6	5	3	4	3	0	6	2	4	2	6	0	9	6	9	7	1	0
3570	4	4	4	4	5	3	4	4	4	5	3	4	5	1	4	1	9	0	9	9	8	7	1	0
3571	4	3	4	6	4	3	4	3	4	4	3	4	6	1	4	3	9	0	9	9	9	6	1	0
3572	4	6	4	6	5	3	5	5	4	5	3	5	6	1	2	3	9	0	9	9	9	7	1	0
3573	4	5	4	6	5	3	4	4	4	5	2	4	5	1	1	1	9	0	9	9	9	5	1	0
3574	4	3	4	5	5	3	4	4	4	4	2	5	5	1	1	1	9	0	9	9	9	7	1	0
3575	4	3	4	4	6	3	5	5	4	4	3	5	5	1	4	1	9	0	9	9	9	7	1	0
3576	6	6	5	4	5	3	4	4	5	4	1	5	6	1	3	3	9	0	9	7	8	5	1	0
3577	4	6	4	6	4	3	4	4	4	5	3	4	5	1	1	1	9	0	9	8	9	7	1	0
3578	4	4	4	5	4	3	5	5	4	5	4	5	5	1	2	1	9	0	9	9	8	7	1	0
3579	4	5	4	4	5	3	4	4	4	3	2	0	5	1	1	1	9	0	9	9	9	7	1	0
3580	5	5	4	5	4	4	5	5	4	4	6	5	4	1	2	1	9	0	9	9	9	6	1	0
3581	4	4	4	5	4	3	4	4	4	4	2	5	5	1	2	1	9	0	9	9	8	8	1	0
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3583	5	4	4	4	5	3	5	5	4	3	2	6	5	1	1	2	9	0	9	9	9	8	1	0
3584	4	4	4	4	4	3	4	4	5	3	2	6	5	1	1	2	9	0	9	8	8	8	1	0
3585	4	5	4	5	4	3	6	6	4	5	2	6	5	1	1	1	8	0	9	9	9	7	1	0
3586	5	6	4	5	4	3	4	3	4	4	3	5	6	1	2	1	8	0	9	8	9	8	1	0
3587	4	5	5	6	4	4	5	5	4	4	3	5	4	1	4	1	9	0	9	9	9	5	1	0
3588	5	5	5	4	4	3	4	4	5	4	3	5	5	2	4	2	7	0	9	9	9	7	1	0
3589	4	3	4	4	5	3	4	3	4	4	3	4	4	1	4	1	6	0	9	9	9	7	1	0
3590	4	3	4	5	5	3	5	4	3	4	2	5	6	2	4	2	9	0	9	9	9	6	1	0
3591	5	5	4	6	4	4	5	5	4	4	2	6	5	1	1	1	9	0	9	9	9	7	1	0
3592	5	4	5	5	4	3	5	4	4	4	3	5	6	2	4	1	9	0	9	9	9	6	1	0
3593	4	5	5	7	2	3	6	6	3	4	1	6	6	1	4	1	9	0	9	9	9	7	1	0
3594	5	4	5	5	4	4	7	7	5	5	3	6	4	1	3	1	9	0	9	9	9	9	1	0
3595	6	5	5	6	3	4	6	6	5	4	1	6	5	2	4	2	8	0	9	9	9	5	1	0
3596	5	4	5	5	3	3	6	5	3	5	2	5	7	1	4	1	8	0	9	9	9	5	1	0
3597	4	4	4	5	4	3	6	5	3	5	4	5	6	2	4	2	8	0	9	9	9	4	1	0
3598	5	4	5	6	4	3	5	5	4	4	5	5	5	1	4	1	8	0	9	8	9	3	1	0
3599	4	4	4	5	4	3	4	4	4	4	4	5	5	2	4	2	8	0	9	9	9	5	1	0
3600	4	3	5	5	4	3	5	5	3	5	3	5	6	1	4	1	7	0	9	9	9	5	1	0

## 322 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
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3602	4	3	4	6	3	3	5	5	4	3	5	6	4	1	4	1	8	0	9	9	9	5	1	0
3603	4	3	4	5	4	3	4	4	4	3	2	0	5	2	2	2	9	0	9	9	9	5	1	0
3604	4	4	5	6	3	3	4	4	5	4	3	5	3	1	3	3	9	0	9	9	9	6	1	0
3605	5	5	5	4	4	3	2	4	6	5	4	4	4	1	4	1	9	0	9	9	9	6	1	0
3606	5	5	5	4	5	3	3	3	5	4	4	4	3	1	1	1	9	0	9	9	9	6	1	0
3607	5	5	6	4	5	2	3	5	7	6	3	3	4	1	4	1	9	0	9	6	9	7	1	0
3608	5	5	5	4	5	3	3	4	6	5	5	4	3	1	4	1	9	0	7	9	9	6	1	0
3609	4	5	5	4	5	3	4	3	4	5	4	4	5	1	4	1	9	0	9	9	9	6	1	0
3610	5	5	5	4	4	3	3	4	6	5	2	4	4	1	4	1	7	0	9	9	9	5	1	0
3611	5	3	5	4	5	3	4	5	6	5	4	4	5	1	4	1	8	0	9	9	9	5	1	0
3612	5	4	6	4	6	3	4	5	6	5	4	4	5	1	4	1	8	0	9	9	9	5	1	0
3613	5	4	5	4	5	3	4	5	6	5	4	4	4	1	4	1	8	0	9	9	9	6	1	0
3614	5	3	5	4	5	3	5	5	5	5	4	4	4	1	4	1	8	0	9	9	9	6	1	0
3615	5	4	4	4	5	2	3	3	5	5	4	3	5	1	4	1	8	0	9	9	9	6	1	0
3616	5	4	5	4	4	3	3	3	4	5	3	3	5	1	4	1	8	0	9	9	9	5	1	0
3617	5	4	5	4	5	3	5	6	5	6	5	3	5	1	2	1	8	0	9	9	9	5	1	0
3618	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	9	0	0	9	0	0
3619	5	6	6	3	5	3	5	6	6	6	4	3	6	1	4	1	3	0	9	9	9	6	1	0
3620	5	5	4	4	5	2	4	4	4	5	3	3	4	1	2	1	8	0	9	9	9	6	1	0
3621	5	4	5	4	5	2	3	4	5	5	3	3	5	1	4	1	9	0	9	9	9	5	1	0
3622	5	5	4	4	5	2	3	3	4	5	3	3	4	1	4	1	9	0	9	7	9	6	1	0
3623	4	5	4	4	6	3	2	3	5	5	3	3	4	1	4	1	9	0	9	9	9	4	1	0
3624	5	5	4	4	5	2	4	4	4	5	4	3	4	1	4	1	9	0	9	9	9	5	1	0
3625	4	5	4	3	5	2	4	4	5	5	3	3	4	1	4	1	9	0	9	9	9	5	1	0
3626	5	5	4	4	5	3	3	4	6	5	3	3	4	1	4	1	9	0	9	9	8	5	1	0
3627	5	4	4	4	5	3	4	4	5	5	3	4	5	1	4	1	9	0	9	9	9	6	1	0
3628	4	4	4	4	5	3	4	4	4	5	2	4	6	1	4	1	9	0	9	9	9	5	1	0
3629	5	5	4	4	5	3	4	4	4	5	2	3	4	1	4	1	9	0	9	9	9	5	1	0
3630	5	5	4	4	5	3	4	4	5	5	3	3	5	1	4	1	9	0	9	9	9	5	1	0
3631	4	4	4	3	5	3	3	5	6	5	3	4	5	1	1	1	9	0	9	9	9	5	1	0
3632	4	4	4	4	5	2	3	3	5	5	3	3	6	1	4	1	9	0	9	6	9	5	1	0
3633	5	5	5	3	5	3	3	5	6	6	3	3	4	1	4	1	9	0	9	9	9	6	1	0
3634	4	5	5	5	5	3	3	5	6	5	4	4	5	1	4	1	9	0	9	9	9	5	1	0
3635	4	4	5	4	5	3	5	6	6	5	3	5	5	1	4	1	9	0	9	9	9	5	1	0
3636	5	5	5	4	5	3	4	4	5	5	3	5	4	1	4	1	9	0	9	9	9	5	1	0
3637	5	6	5	3	5	3	3	4	5	5	3	3	6	1	4	1	9	0	9	8	9	5	1	0
3638	5	3	6	3	6	2	4	6	8	6	3	3	6	1	2	1	9	0	9	9	9	5	1	0
3639	5	5	4	3	5	2	4	5	5	6	8	3	4	1	4	1	9	0	9	9	9	5	1	0
3640	5	5	4	3	5	2	3	3	5	5	2	3	6	1	4	1	9	0	9	9	9	5	1	0



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
3641	5	5	4	4	5	2	4	4	5	5	4	3	5	1	4	1	9	0	9	9	9	6	1	0
3642	4	4	4	3	6	2	1	2	5	5	4	3	4	1	4	1	9	0	9	9	8	4	1	0
3643	4	4	4	4	5	3	3	3	5	4	3	4	5	1	4	1	8	0	9	9	9	6	1	0
3644	5	4	5	4	6	3	4	4	4	5	4	3	5	1	4	1	8	0	9	9	9	6	1	0
3645	4	4	4	2	6	2	3	4	6	5	4	3	4	1	4	1	8	0	9	9	9	4	1	0
3646	5	3	4	2	7	2	2	2	4	4	4	3	4	1	4	1	9	0	9	9	8	5	1	0
3647	5	4	5	3	6	3	3	3	5	5	3	3	4	1	4	1	9	0	9	9	9	5	1	0
3648	5	5	5	2	6	2	4	6	7	6	3	3	3	1	4	1	9	0	9	9	9	5	1	0
3649	4	4	4	2	6	2	4	4	5	5	3	3	3	1	4	1	8	0	9	9	9	6	1	0
3650	4	4	5	2	7	2	3	3	5	5	3	3	4	1	4	1	8	0	9	8	8	6	1	0
3651	5	5	4	2	6	2	3	3	5	5	3	3	4	1	4	1	9	0	9	9	9	6	1	0
3652	5	6	5	3	5	3	5	5	5	6	3	3	4	1	4	1	9	0	9	9	9	6	1	0
3653	4	4	5	4	6	2	4	5	5	5	3	4	4	1	4	1	9	0	9	9	9	5	1	0
3654	4	4	5	2	5	2	4	5	5	5	3	3	3	1	4	1	9	0	9	9	9	5	1	0
3655	5	4	4	2	6	2	4	3	4	5	3	3	4	1	4	1	9	0	9	9	9	4	1	0
3656	5	5	5	3	6	3	3	4	6	5	3	3	4	1	4	1	9	0	9	9	9	5	1	0
3657	5	5	5	3	6	3	3	4	5	5	3	3	5	1	4	1	9	0	9	9	9	5	1	0
3658	4	4	4	4	5	2	4	4	5	5	3	4	3	1	4	1	9	0	9	9	8	6	1	0
3659	4	4	4	2	8	2	3	3	5	5	3	3	3	1	4	1	9	0	9	9	9	5	1	0
3660	4	4	4	4	5	2	3	4	5	5	2	4	3	1	4	1	9	0	9	9	9	5	1	0
3661	4	4	4	2	5	2	3	3	5	5	3	3	3	1	4	1	8	0	9	9	9	5	1	0
3662	5	4	4	4	5	2	2	3	5	5	3	3	2	1	4	1	8	0	9	9	9	5	1	0
3663	5	5	4	2	5	2	2	2	5	5	3	3	2	1	4	1	8	0	9	8	9	6	1	0
3664	5	4	4	2	6	2	2	2	5	5	3	3	2	1	4	1	8	0	9	9	9	5	1	0
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3670	6	4	6	2	6	2	4	8	8	7	3	4	2	1	4	1	8	0	9	9	9	5	1	0
3671	4	5	6	2	6	2	5	7	8	6	2	4	1	1	4	1	8	0	9	8	8	5	1	0
3672	5	4	6	2	6	2	4	7	8	7	3	4	2	1	4	1	8	0	9	8	3	5	1	0
3673	4	4	5	4	5	2	5	6	7	6	3	4	2	1	4	1	8	0	9	9	9	5	1	0
3674	4	4	5	2	6	2	5	6	7	6	3	3	2	1	4	1	7	0	9	9	9	5	1	0
3675	4	5	5	2	6	2	2	3	5	5	3	3	2	1	4	1	8	0	9	9	9	5	1	0
3676	5	5	5	3	5	2	4	5	6	6	2	3	2	1	4	1	8	0	9	9	8	5	1	0
3677	4	4	4	4	5	2	4	4	5	5	3	3	1	1	4	1	8	0	9	9	9	4	1	0
3678	5	5	5	3	6	3	4	5	6	6	4	4	3	1	4	1	8	0	9	9	9	6	1	0
3679	4	3	5	3	5	3	4	4	5	6	2	2	3	1	3	1	9	0	9	8	9	9	1	0
3680	4	4	4	4	5	3	4	4	4	4	2	5	3	1	4	1	9	0	9	8	9	6	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
3681	4	4	4	2	5	2	2	3	5	5	2	3	3	1	4	1	9	0	9	8	9	6	1	0
3682	4	4	4	4	4	2	4	4	5	5	3	3	3	1	4	1	8	0	9	9	9	5	1	0
3683	4	4	5	3	5	2	4	5	6	6	3	2	3	1	3	1	9	0	9	8	9	8	1	0
3684	4	2	5	3	5	3	5	6	7	6	3	4	2	1	4	1	7	0	9	9	9	5	1	0
3685	6	2	6	2	6	3	4	7	8	6	3	4	3	1	4	1	7	0	9	9	9	4	1	0
3686	4	2	5	3	5	3	4	6	8	6	3	5	3	1	4	1	7	0	9	9	9	6	1	0
3687	5	4	5	2	6	2	4	6	7	6	3	4	3	1	4	1	9	0	9	9	9	5	1	0
3688	4	4	4	5	5	3	4	4	4	4	3	5	3	1	4	1	9	0	9	8	9	6	1	0
3689	5	2	5	3	7	2	5	7	8	6	3	3	3	1	4	1	7	0	9	9	9	4	1	0
3690	5	3	5	4	5	3	5	7	8	6	3	3	3	1	4	1	9	0	9	9	9	6	1	0
3691	5	4	5	4	5	3	4	5	6	5	3	4	3	1	4	1	9	0	9	9	9	6	1	0
3692	5	3	5	3	8	2	4	7	8	6	4	4	3	1	4	1	7	0	9	9	9	6	1	0
3693	4	5	5	3	5	2	4	5	7	6	3	4	2	1	4	1	9	0	9	9	9	5	1	0
3694	4	4	5	4	4	3	3	5	7	6	4	4	2	1	4	1	9	0	9	8	9	6	1	0
3695	4	4	4	4	4	2	4	3	4	5	3	4	4	1	4	1	9	0	9	9	9	5	1	0
3696	5	3	6	3	6	2	4	8	8	7	3	4	4	1	4	1	9	0	9	8	9	5	1	0
3697	6	3	7	3	5	2	5	8	8	7	3	4	3	1	4	1	9	0	9	8	9	5	1	0
3698	5	2	6	2	6	2	4	8	8	7	3	4	5	1	4	1	9	0	9	9	9	5	1	0
3699	4	5	4	4	5	2	3	4	5	5	2	3	4	1	4	1	9	0	9	9	9	4	1	0
3700	5	4	6	4	5	2	5	8	8	7	3	3	4	1	1	1	9	0	9	9	9	5	1	0
3701	6	4	6	2	4	2	5	7	8	7	3	4	4	1	4	1	9	0	9	9	9	4	1	0
3702	4	5	4	5	4	3	4	4	4	3	2	0	4	1	1	1	9	0	9	9	9	5	1	0
3703	4	4	4	5	5	3	5	5	5	5	3	5	2	1	1	1	9	0	9	9	9	7	1	0
3704	4	5	5	3	5	2	3	4	5	5	3	4	4	1	4	1	9	0	9	9	9	5	1	0
3705	5	5	5	4	5	3	4	5	6	5	3	4	3	1	4	1	9	0	9	8	9	8	1	0
3706	5	4	5	5	4	3	4	4	5	5	3	4	3	1	4	1	9	0	9	9	9	7	1	0
3707	4	4	4	5	4	3	5	5	5	5	3	5	5	1	2	1	9	0	9	9	9	6	1	0
3708	4	5	5	4	4	3	4	4	5	5	2	4	3	1	4	1	9	0	9	9	9	6	1	0
3709	5	4	5	4	4	2	4	5	6	6	3	3	4	1	2	1	9	0	9	9	9	5	1	0
3710	4	3	4	4	4	2	4	4	5	4	2	5	2	1	4	1	9	0	9	9	9	6	1	0
3711	5	6	5	5	4	3	4	5	6	5	3	4	2	1	2	1	9	0	9	9	9	7	1	0
3712	4	4	4	5	4	3	4	4	4	5	5	4	4	1	2	1	9	0	9	9	9	8	1	0
3713	3	3	5	4	4	3	5	5	5	6	4	3	5	1	2	1	9	0	9	9	8	7	1	0
3714	4	4	4	6	3	3	5	5	3	4	1	0	4	2	4	2	9	0	7	9	9	8	1	0
3715	4	4	4	6	4	3	6	5	3	4	1	0	3	2	2	2	9	0	9	9	9	7	1	0
3716	4	4	4	6	4	3	5	4	4	3	1	6	4	1	4	1	9	0	9	9	8	5	1	0
3717	4	4	4	6	3	3	6	5	4	4	1	6	5	2	4	2	9	0	9	9	9	6	1	0
3718	4	4	4	6	3	3	6	5	3	4	1	0	4	2	4	2	9	0	9	9	9	7	1	0
3719	4	4	4	6	4	3	4	4	4	3	2	5	4	2	4	2	9	0	9	9	9	8	1	0
3720	4	4	4	6	4	3	5	5	4	4	2	0	5	2	4	2	9	0	9	9	9	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
3721	4	4	4	5	4	3	5	4	3	3	2	0	5	2	4	2	9	0	9	9	9	6	1	0
3722	4	4	4	5	4	3	4	3	4	2	2	0	4	2	4	2	9	0	9	9	9	6	1	0
3723	4	4	4	6	3	3	5	5	4	4	1	5	4	2	4	2	9	0	9	9	9	6	1	0
3724	4	5	4	5	4	3	5	5	4	3	2	0	4	2	4	2	9	0	7	9	8	7	1	0
3725	5	5	4	6	4	3	6	5	3	4	2	6	5	2	4	2	9	0	9	9	8	8	1	0
3726	4	4	4	6	3	3	5	5	3	4	1	0	5	2	4	2	9	0	7	9	9	7	1	0
3727	4	4	4	6	3	3	5	5	4	3	1	6	4	2	4	2	9	0	9	9	9	7	1	0
3728	4	4	4	5	4	3	5	4	3	3	1	0	4	2	4	2	9	0	7	9	8	7	1	0
3729	5	5	5	5	3	3	4	5	6	5	3	4	2	1	4	1	9	0	9	9	8	6	1	0
3730	4	4	4	5	3	3	7	6	4	5	2	0	4	2	4	2	9	0	7	9	9	8	1	0
3731	5	4	4	6	3	3	5	5	4	4	2	0	5	2	4	2	9	0	7	9	9	6	1	0
3732	5	5	4	6	3	3	5	5	5	4	1	0	4	2	4	2	9	0	7	9	9	6	1	0
3733	5	4	4	6	4	3	5	5	3	4	1	0	4	2	4	2	9	0	7	9	9	6	1	0
3734	4	4	4	6	4	3	5	5	4	3	1	6	4	2	4	2	9	0	9	9	9	8	1	0
3735	4	4	4	6	3	3	5	5	4	3	2	6	4	2	2	2	9	0	7	9	9	6	1	0
3736	4	4	4	6	4	3	5	4	3	3	1	6	4	2	4	2	9	0	9	9	9	8	1	0
3737	4	5	4	5	4	3	5	5	3	4	1	5	5	2	4	2	9	0	9	9	9	7	1	0
3738	4	4	4	5	4	3	5	4	3	3	1	6	5	1	4	2	9	0	9	9	9	6	1	0
3739	4	4	4	5	4	3	5	4	4	3	1	6	3	2	4	2	9	0	9	9	9	6	1	0
3740	4	4	4	5	4	3	5	4	4	3	2	5	5	1	4	2	9	0	9	9	9	6	1	0
3741	3	4	4	5	4	3	5	5	4	4	1	6	5	1	4	2	9	0	9	9	9	7	1	0
3742	4	4	4	5	4	3	5	4	4	3	1	6	5	1	4	2	9	0	9	9	9	7	1	0
3743	4	4	4	5	4	3	5	5	5	4	1	0	5	1	4	2	9	0	9	9	9	6	1	0
3744	4	4	4	5	4	3	5	5	4	4	1	0	4	2	4	2	9	0	9	9	9	7	1	0
3745	5	4	5	4	4	3	4	5	7	6	3	4	3	1	2	1	9	0	9	9	9	6	1	0
3746	4	4	4	6	3	3	6	5	4	3	2	6	4	1	2	1	9	0	9	9	9	3	1	0
3747	4	4	4	6	3	3	6	5	3	2	1	6	4	1	4	1	9	0	9	9	9	3	1	0
3748	4	4	4	4	4	3	4	4	4	3	1	5	4	1	4	1	9	0	9	9	8	4	1	0
3749	5	5	4	2	5	2	2	3	5	5	2	3	3	1	4	1	7	0	9	8	8	6	1	0
3750	4	2	5	3	5	2	5	5	6	6	2	2	3	1	2	1	9	0	9	6	9	9	1	0
3751	4	2	5	4	5	3	4	6	7	6	2	2	3	1	2	1	8	0	9	9	9	9	1	0
3752	5	4	5	4	5	3	3	6	8	6	3	3	3	1	2	1	8	0	9	9	9	9	1	0
3753	4	4	4	4	5	2	4	4	4	5	3	3	3	1	4	1	8	0	9	9	9	8	1	0
3754	4	4	4	4	4	3	4	4	5	5	2	4	5	1	4	3	8	0	9	9	9	8	1	0
3755	4	4	4	5	4	3	4	3	4	3	3	5	4	1	2	3	8	0	7	9	9	5	1	0
3756	4	4	4	4	4	3	4	4	5	5	2	4	3	1	4	1	8	0	9	8	8	7	1	0
3757	4	4	4	5	5	3	4	4	4	4	2	5	4	1	2	3	8	0	9	9	9	4	1	0
3758	4	4	4	5	4	3	4	3	3	5	2	3	4	1	2	3	8	0	6	8	9	8	1	0
3759	4	3	4	5	4	3	5	5	5	6	3	3	4	1	4	3	9	0	9	8	9	5	1	0
3760	4	3	4	5	4	3	4	4	4	4	2	5	5	1	2	1	7	0	9	9	9	7	1	0

## 326 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	ESW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
3761	4	4	4	6	4	3	4	4	4	5	2	4	5	1	2	1	7	0	9	9	8	8	1	0
3762	4	3	4	4	5	3	4	4	4	5	3	4	4	1	3	3	9	0	9	8	8	6	1	0
3763	4	4	4	4	5	3	5	4	4	5	3	5	3	1	2	1	8	0	7	7	9	7	1	0
3764	4	3	4	5	4	3	3	3	4	4	2	4	5	1	2	1	8	0	9	9	8	5	1	0
3765	4	4	4	5	4	3	5	5	4	5	2	5	5	1	1	1	7	0	9	9	9	5	1	0
3766	4	4	4	5	5	3	5	4	4	5	1	4	6	1	1	1	7	0	9	8	8	5	1	0
3767	4	5	4	4	4	2	3	5	6	5	2	4	4	1	4	1	7	0	9	9	8	6	1	0
3768	4	3	4	4	4	3	4	4	4	4	1	5	4	2	4	2	7	0	9	8	9	6	1	0
3769	5	4	4	4	4	2	4	4	5	4	4	5	4	1	4	1	8	0	9	9	9	7	1	0
3770	5	4	5	4	4	2	5	5	4	5	4	5	5	1	4	1	8	0	9	9	9	7	1	0
3771	4	4	4	4	4	2	4	5	6	7	3	3	2	1	4	1	8	0	9	9	9	7	1	0
3772	4	4	4	3	5	2	4	4	6	5	5	5	3	2	4	2	8	0	9	9	9	7	1	0
3773	4	4	4	3	5	2	4	4	5	4	5	4	3	1	4	1	7	0	9	9	8	6	1	0
3774	5	5	4	4	4	3	5	5	5	4	3	5	3	1	4	1	8	0	9	9	9	7	1	0
3775	4	4	4	3	5	2	3	4	6	6	3	2	3	1	4	1	8	0	9	8	9	5	1	0
3776	3	3	4	4	4	3	4	3	3	5	2	3	5	1	4	1	9	0	9	7	8	8	1	0
3777	3	2	5	3	4	2	4	4	5	6	3	3	5	1	4	1	8	0	9	9	9	5	1	0
3778	5	5	5	4	5	2	4	4	5	6	4	3	4	1	4	1	8	0	9	9	9	5	1	0
3779	3	1	5	5	3	3	5	5	5	6	5	3	5	1	2	1	9	0	9	9	9	9	1	0
3780	4	5	5	4	5	3	2	3	5	5	3	2	4	1	4	1	8	0	9	9	9	7	1	0
3781	4	4	4	4	5	3	4	5	5	5	4	3	4	1	4	1	8	0	9	9	9	6	1	0
3782	5	4	5	4	4	3	4	6	7	6	4	2	3	1	2	1	8	0	9	9	9	8	1	0
3783	4	5	4	3	5	3	3	3	5	5	3	2	3	1	4	1	8	0	9	9	9	5	1	0
3784	4	5	5	4	4	3	4	4	5	5	3	4	4	1	4	1	9	0	9	9	9	6	1	0
3785	4	3	5	3	4	3	4	5	6	6	3	2	4	1	4	1	8	0	9	9	9	9	1	0
3786	—	0	0	0	0	0	0	0	0	0	0	0	0	—	0	0	7	0	9	0	0	0	0	0
3787	5	4	5	3	5	2	4	5	6	6	3	2	4	1	1	1	7	0	9	9	8	8	1	0
3788	5	5	5	2	4	2	4	4	4	5	4	3	3	1	4	1	8	0	9	9	9	5	1	0
3789	5	4	4	6	4	3	5	5	4	5	4	5	4	2	4	3	8	0	9	9	9	4	1	0
3790	4	4	4	5	4	3	4	4	4	4	3	5	6	1	4	1	8	0	9	9	9	4	1	0
3791	4	4	4	4	4	3	5	5	4	5	3	5	5	2	4	2	8	0	9	9	9	3	1	0
3792	5	4	4	5	4	3	5	4	4	4	3	5	4	2	4	3	8	0	9	9	8	4	1	0
3793	4	4	4	5	4	3	5	4	3	4	2	5	5	1	2	1	8	0	9	9	9	6	1	0
3794	5	5	4	5	4	3	4	4	4	4	5	5	4	1	4	1	8	0	9	9	9	4	1	0
3795	5	4	4	4	4	2	3	3	5	5	5	3	4	1	4	1	7	0	9	9	9	7	1	0
3796	5	5	4	3	4	2	3	4	5	5	3	3	5	1	4	1	7	0	9	9	9	7	1	0
3797	4	4	4	4	4	2	3	4	5	5	3	3	4	1	4	1	8	0	9	9	8	6	1	0
3798	5	3	6	3	5	2	4	8	8	7	2	5	5	1	4	1	7	0	9	9	9	6	1	0
3799	4	3	6	2	5	2	4	6	7	6	3	4	4	1	4	1	7	0	9	8	9	7	1	0
3800	4	4	4	5	3	3	6	5	3	3	2	6	5	2	4	2	7	0	5	8	8	6	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
3801	4	4	4	6	3	3	5	4	4	3	2	6	7	2	4	2	8	0	9	8	9	7	1	0
3802	5	5	5	6	3	3	5	5	5	4	3	5	3	1	4	1	8	0	7	9	8	9	1	0
3803	4	2	4	5	3	3	5	5	4	4	3	6	5	2	1	2	7	0	9	9	9	9	1	0
3804	5	5	4	4	4	2	4	4	5	5	3	3	4	1	4	1	8	0	9	9	9	7	1	0
3805	5	6	6	4	4	3	4	5	7	5	3	5	4	1	4	1	8	0	7	8	9	7	1	0
3806	5	5	5	5	3	3	5	5	5	5	3	5	3	1	4	1	9	0	9	9	8	8	1	0
3807	5	5	5	6	3	3	5	6	6	5	3	5	1	1	4	1	9	0	9	9	8	5	1	0
3808	5	3	4	4	5	2	2	2	4	5	5	2	3	1	2	1	7	0	9	9	9	6	1	0
3809	5	5	4	4	4	3	4	4	4	4	4	5	4	2	4	2	8	0	9	9	9	6	1	0
3810	4	4	4	4	4	3	4	4	4	4	3	5	4	1	4	1	7	0	9	9	9	6	1	0
3811	5	5	4	4	4	2	4	3	4	5	4	3	5	1	2	1	7	0	9	9	9	6	1	0
3812	4	4	4	5	5	3	5	4	3	5	2	4	5	1	4	1	9	0	9	9	9	7	1	0
3813	5	4	4	4	5	3	4	4	4	5	2	3	5	1	4	1	8	0	9	9	9	6	1	0
3814	5	4	5	3	5	2	4	5	6	6	2	3	2	1	4	1	8	0	9	9	9	6	1	0
3815	5	5	5	2	4	2	3	5	7	6	4	3	3	1	4	1	9	0	7	9	9	6	1	0
3816	6	4	6	4	4	3	6	6	7	6	2	5	4	1	4	1	9	0	7	9	9	5	1	0
3817	5	5	5	4	5	2	4	4	4	6	5	2	5	1	2	1	7	0	9	9	8	6	1	0
3818	5	4	6	4	4	2	4	6	7	6	5	3	4	1	4	1	7	0	9	9	9	5	1	0
3819	5	4	4	4	4	3	4	4	4	5	2	3	5	1	4	1	7	0	9	9	9	6	1	0
3820	5	3	6	4	4	3	4	6	8	6	6	4	5	1	4	1	9	0	9	9	8	4	1	0
3821	4	4	4	4	4	3	4	4	4	5	3	4	5	1	4	1	8	0	9	9	9	6	1	0
3822	4	4	5	5	5	3	6	5	4	5	7	5	5	1	2	1	8	0	9	9	9	6	1	0
3823	4	4	4	4	5	3	5	4	4	5	3	4	6	1	1	1	7	0	9	9	8	8	1	0
3824	5	4	7	4	4	2	4	7	8	6	4	4	5	1	4	1	8	0	9	9	9	4	1	0
3825	5	4	6	3	4	2	4	7	4	6	3	3	4	1	4	1	8	0	9	9	9	4	1	0
3826	5	6	4	3	5	2	3	3	5	5	3	3	4	1	4	1	7	0	9	9	8	4	1	0
3827	4	3	5	4	5	2	3	4	5	6	3	2	5	1	1	1	7	0	9	9	9	7	1	0
3828	6	4	6	5	4	3	5	6	7	6	3	5	3	1	4	1	8	0	5	9	9	4	1	0
3829	4	4	4	5	3	3	3	3	4	4	5	4	4	2	4	3	8	0	9	9	9	5	1	0
3830	4	4	4	4	5	3	5	4	4	4	3	5	5	2	4	2	9	0	9	9	9	5	1	0
3831	4	4	4	4	4	3	4	4	4	4	3	5	5	2	4	2	9	0	9	9	9	6	1	0
3832	5	5	5	5	5	4	4	4	4	5	3	4	5	1	3	3	9	0	9	9	8	7	1	0
3833	5	5	5	2	5	2	6	5	4	4	2	5	5	2	4	2	7	0	9	9	9	9	1	0
3834	5	5	5	4	5	3	4	3	4	5	7	3	5	1	1	1	7	0	9	9	9	5	1	0
3835	5	5	4	5	4	3	5	4	3	4	4	5	5	1	2	1	8	0	9	9	9	5	1	0
3836	4	4	5	4	5	3	4	3	3	4	5	5	5	1	4	1	9	0	9	9	9	5	1	0
3837	4	3	4	6	3	3	6	5	2	3	2	6	7	1	4	1	9	0	9	9	9	5	1	0
3838	5	5	5	4	4	3	6	5	4	5	3	5	5	1	4	1	7	0	9	9	9	5	1	0
3839	5	5	5	5	4	3	5	4	4	5	3	4	6	1	4	1	8	0	9	9	9	4	1	0
3840	4	3	5	4	5	3	7	6	3	5	4	6	5	1	5	1	6	0	9	9	9	6	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER	
3841	5	6	5	4	5	3	5	5	5	6	2	3	6	1	4	1	8	0	9	9	9	6	1	0	
3842	5	4	5	5	4	3	5	5	5	5	4	4	5	1	4	1	7	0	7	9	9	9	5	1	0
3843	3	3	5	4	4	3	7	6	3	6	2	3	7	1	4	1	7	0	9	9	9	9	9	1	0
3844	5	5	5	6	4	3	4	4	5	5	4	4	4	1	4	1	8	0	9	9	9	6	1	0	
3845	4	4	4	4	5	3	5	4	4	6	2	3	5	1	4	1	7	0	9	9	9	7	1	0	
3846	4	4	4	5	5	3	3	3	5	5	3	3	4	1	4	1	7	0	9	9	9	5	1	0	
3847	5	4	4	4	5	2	2	1	4	5	6	2	4	1	2	1	7	0	9	9	9	6	1	0	
3848	4	4	4	5	5	3	5	4	4	3	3	6	4	2	2	2	9	0	9	9	9	5	1	0	
3849	4	4	4	5	5	3	4	4	4	5	7	4	5	2	4	2	6	0	9	9	9	5	1	0	
3850	4	4	4	5	4	2	4	4	5	4	7	5	4	2	4	2	8	0	9	9	9	4	1	0	
3851	4	4	4	4	6	3	4	4	4	4	3	5	5	1	4	1	8	0	9	9	9	7	1	0	
3852	4	4	4	3	5	3	3	3	4	4	3	4	3	1	1	1	9	0	7	9	9	7	1	0	
3853	4	4	5	3	5	3	3	4	5	6	5	1	4	1	2	1	7	0	9	8	9	5	1	0	
3854	4	5	4	4	4	3	5	4	4	4	3	5	4	1	1	1	8	0	9	9	9	6	1	0	
3855	4	5	5	4	4	2	3	3	5	4	5	5	6	2	4	1	9	0	9	9	9	9	1	0	
3856	5	5	4	1	4	2	5	5	5	5	5	5	6	2	4	2	3	0	9	9	9	7	1	0	
3857	4	5	5	5	4	3	5	5	4	4	5	5	4	1	4	1	8	0	9	9	8	3	1	0	
3858	4	6	5	5	3	3	6	6	4	5	4	5	4	1	2	1	8	0	9	9	8	9	1	0	
3859	5	5	4	3	2	2	5	5	4	4	2	5	5	2	4	2	8	0	9	9	8	7	1	0	
3860	5	4	4	2	4	2	2	3	5	4	3	4	3	2	4	3	8	0	9	9	9	6	1	0	
3861	5	6	6	4	4	3	4	5	7	6	3	4	5	2	4	2	7	0	7	9	9	3	1	0	
3862	5	6	4	4	4	2	5	4	4	4	3	5	5	2	4	2	7	0	9	9	9	8	1	5	
3863	5	5	5	4	3	2	4	4	4	5	5	5	5	1	1	1	7	0	9	9	8	8	1	5	
3864	5	5	5	5	4	3	7	6	4	5	4	5	6	2	4	2	6	0	9	9	9	7	1	5	
3865	4	3	5	6	4	3	6	5	3	5	2	4	7	2	4	2	8	0	9	9	9	9	1	0	
3866	5	6	5	2	4	3	5	5	4	4	7	5	6	2	1	2	5	0	9	9	9	7	1	0	
3867	5	6	4	5	3	3	5	4	4	4	5	5	6	2	1	2	7	0	9	9	8	7	1	0	
3868	6	6	5	5	4	3	6	5	4	5	9	5	5	2	2	2	6	0	9	9	9	6	1	0	
3869	5	5	5	4	4	3	4	4	5	4	4	5	5	2	4	1	8	0	9	9	9	9	1	0	
3870	5	6	5	4	4	2	6	6	5	5	5	5	6	2	2	2	5	0	9	9	9	8	1	0	
3871	5	5	5	5	3	3	6	6	5	4	3	6	6	2	2	2	7	0	7	9	9	7	1	0	
3872	5	5	5	4	3	3	7	6	3	4	3	6	6	2	4	2	9	0	7	9	9	9	1	0	
3873	5	5	5	4	4	3	4	4	4	5	3	6	6	1	2	1	9	0	9	8	9	8	1	0	
3874	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	9	0	0	0	0	0	0
3875	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	9	0	0	0	0	0	0
3876	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0	0
3877	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0	0
3878	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0	0
3879	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0	0
3880	5	4	5	4	5	3	5	5	4	6	2	3	6	1	4	3	9	0	9	9	9	9	1	0	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
3881	5	4	4	4	4	3	5	4	4	5	3	4	6	1	4	3	9	0	7	7	9	9	1	0
3882	4	3	5	5	4	3	4	4	4	5	2	4	5	1	1	1	9	0	9	9	9	9	1	0
3883	4	3	4	5	4	3	4	3	4	5	3	4	6	1	4	3	9	0	7	8	9	9	1	0
3884	4	3	4	5	4	3	5	4	3	5	3	4	6	1	4	3	9	0	9	9	9	8	1	0
3885	4	3	4	4	5	2	3	2	4	4	2	4	6	1	4	1	9	0	9	9	9	8	1	0
3886	4	4	4	5	4	3	3	3	5	4	4	4	5	1	4	1	9	0	9	9	9	9	1	0
3887	5	6	5	5	3	3	3	4	5	5	4	4	4	1	4	1	9	0	6	9	9	9	1	0
3888	5	4	5	4	4	3	4	3	4	4	4	4	4	1	4	1	9	0	6	9	9	8	1	0
3889	5	6	5	5	4	3	5	6	6	6	4	4	4	1	4	1	9	0	6	9	9	8	1	0
3890	5	6	5	4	3	3	4	5	7	6	5	4	4	1	2	1	8	0	6	9	9	9	1	0
3891	5	6	5	7	4	3	3	5	6	5	4	3	4	1	4	1	9	0	6	9	9	9	1	0
3892	6	5	7	4	4	2	5	7	8	7	4	4	6	1	4	1	7	0	6	9	9	8	1	0
3893	6	6	7	4	4	2	4	7	8	7	3	4	6	1	4	1	7	0	5	9	9	8	1	0
3894	6	5	7	3	4	2	4	8	8	7	3	4	6	1	4	1	8	0	5	9	9	8	1	0
3895	6	6	7	3	4	2	3	8	8	7	3	4	6	1	4	1	7	0	5	9	9	8	1	0
3896	6	6	7	5	3	3	4	7	8	6	3	5	5	1	2	1	9	0	9	9	9	8	1	0
3897	6	5	7	4	4	3	5	7	8	7	3	4	5	2	4	2	8	0	7	9	8	8	1	0
3898	5	5	7	3	4	2	5	7	8	6	3	4	5	1	3	3	7	0	9	9	9	9	1	0
3899	5	5	4	4	4	3	4	4	4	5	3	4	4	1	4	1	8	0	9	9	9	9	1	0
3900	5	4	5	3	4	3	4	4	4	5	4	3	5	1	1	1	7	0	9	9	9	9	1	0
3901	6	6	7	2	4	2	5	8	8	7	4	5	4	1	2	1	7	0	7	9	9	9	1	0
3902	6	5	7	3	4	2	5	8	8	7	3	4	3	1	4	1	8	0	7	8	9	8	1	0
3903	4	6	7	2	7	2	5	7	8	6	4	4	5	1	4	3	8	0	7	9	9	8	1	0
3904	6	5	7	4	4	3	5	8	8	7	3	4	2	1	4	1	8	0	7	9	9	8	1	0
3905	6	5	7	4	4	2	5	7	8	7	4	4	4	1	4	1	8	0	5	8	9	8	1	0
3906	6	5	7	2	5	2	4	8	8	7	3	5	3	1	2	1	8	0	7	9	9	6	1	0
3907	6	5	7	4	4	2	3	8	8	7	3	5	5	1	4	1	7	0	7	9	9	5	1	0
3908	6	5	7	3	5	2	5	7	8	7	5	3	5	1	4	1	7	0	7	9	9	7	1	0
3909	6	6	7	3	4	3	5	8	8	7	3	4	0	2	4	1	7	0	7	8	8	7	1	0
3910	6	5	7	4	4	2	5	8	8	7	4	4	5	1	4	1	8	0	7	9	8	7	1	0
3911	6	5	7	3	4	2	5	8	8	7	4	4	5	1	4	1	8	0	9	9	9	8	1	0
3912	6	5	7	3	4	2	5	7	8	6	4	4	4	1	4	1	8	0	9	9	9	6	1	0
3913	6	5	7	3	5	2	5	7	8	7	5	4	5	1	4	1	7	0	9	9	9	7	1	0
3914	4	4	4	3	4	2	3	3	4	5	3	3	5	1	2	1	7	0	9	9	9	7	1	0
3915	5	5	4	2	4	2	3	4	6	6	5	3	4	1	4	1	7	0	9	9	9	7	1	0
3916	6	5	6	4	5	2	5	8	8	7	4	4	4	1	4	1	7	0	9	9	9	6	1	0
3917	6	5	6	2	4	2	5	8	8	7	1	4	5	1	4	1	7	0	9	9	9	6	1	0
3918	5	6	6	3	4	2	4	6	8	6	5	3	4	1	2	1	8	0	9	8	9	7	1	0
3919	5	5	4	4	4	2	3	3	5	5	3	3	4	1	4	1	8	0	9	6	9	6	1	0
3920	4	5	4	3	4	3	4	3	4	4	3	4	5	1	1	1	8	0	9	9	8	8	1	0

## 330 Catalog of Chickpea Germplasm

	ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
3921	6	5	7	2	4	2	2	7	8	7	5	3	5	1	4	1	8	0	9	9	9	6	1	0	
3922	6	6	7	3	5	2	5	7	8	7	5	4	5	1	4	1	8	0	9	9	9	5	1	0	
3923	6	6	7	4	4	2	3	7	8	7	5	3	5	1	4	1	8	0	9	9	9	6	1	0	
3924	5	4	5	4	4	2	4	4	4	5	4	3	5	1	4	1	8	0	9	9	9	6	1	0	
3925	6	5	7	4	4	2	5	8	8	7	0	4	1	1	4	1	7	0	9	9	9	8	1	0	
3926	6	5	7	4	5	2	5	8	8	7	4	5	3	1	4	1	7	0	7	9	0	8	1	0	
3927	6	5	7	4	4	2	5	7	8	7	5	4	5	1	4	1	7	0	9	9	9	8	1	0	
3928	5	5	4	4	4	3	5	3	1	5	2	4	4	1	4	1	8	0	9	7	9	8	1	0	
3929	4	4	4	5	4	3	4	3	4	5	4	2	5	1	4	1	8	0	9	9	9	9	1	0	
3930	5	5	4	3	5	2	3	3	4	5	3	2	4	1	4	1	8	0	9	9	9	9	1	0	
3931	6	5	7	2	4	2	4	7	8	6	4	4	4	1	4	1	7	0	9	9	9	8	1	0	
3932	6	5	7	2	5	2	5	8	8	7	5	4	5	1	4	1	7	0	9	9	9	8	1	0	
3933	5	4	4	3	4	2	3	3	4	5	3	3	4	1	4	1	9	0	9	6	9	8	1	0	
3934	6	6	5	5	4	3	5	6	6	6	3	4	4	1	4	1	9	0	9	9	8	9	1	0	
3935	6	6	7	4	5	2	5	8	8	7	4	4	5	1	4	1	8	0	9	9	9	9	1	0	
3936	6	6	5	5	4	3	4	5	7	6	3	2	4	1	4	1	8	0	9	9	8	9	1	0	
3937	5	6	6	3	4	2	5	8	8	7	4	4	4	1	4	1	7	0	9	7	9	9	1	0	
3938	5	5	5	5	3	3	4	6	7	6	4	4	4	1	4	1	9	0	9	8	8	9	1	0	
3939	6	6	6	2	4	2	5	0	0	7	4	4	3	1	4	1	7	0	9	9	8	9	1	0	
3940	4	4	4	4	3	2	5	4	4	5	3	4	3	1	2	1	9	0	9	9	9	9	1	0	
3941	4	4	4	4	4	2	4	3	3	5	3	3	3	1	2	1	9	0	9	9	9	8	1	0	
3942	4	4	4	4	4	2	4	4	5	5	2	4	4	1	2	1	7	0	9	9	9	8	1	0	
3943	6	6	6	2	3	2	5	7	8	6	3	4	3	1	4	1	9	0	9	9	9	8	1	0	
3944	6	6	6	3	4	2	5	8	8	7	0	4	4	1	4	1	6	0	9	9	9	8	1	0	
3945	4	4	4	4	4	3	4	4	4	5	3	4	3	1	2	1	9	0	9	9	9	8	1	0	
3946	4	4	4	4	4	2	3	3	4	5	3	4	4	1	4	1	7	0	9	6	9	9	1	0	
3947	5	5	6	2	5	2	4	6	8	6	3	4	4	1	4	1	8	0	9	9	9	9	1	0	
3948	6	6	6	4	4	3	5	8	8	7	4	4	4	1	4	1	7	0	9	7	9	8	1	0	
3949	6	6	6	4	4	2	5	8	8	7	3	4	3	1	4	1	7	0	9	9	9	9	1	0	
3950	5	6	6	3	4	2	5	7	8	7	4	4	4	1	4	1	7	0	9	9	9	9	1	0	
3951	6	5	7	4	4	2	5	8	8	7	2	4	3	1	4	1	7	0	7	9	9	9	1	0	
3952	6	5	7	4	4	2	5	7	8	7	4	4	4	1	4	1	8	0	7	8	9	8	1	0	
3953	5	5	7	5	4	2	6	8	8	7	2	4	4	1	4	1	7	0	9	6	9	8	1	0	
3954	6	5	7	4	4	2	5	8	8	7	5	3	4	1	4	1	8	0	9	9	9	9	1	0	
3955	6	5	7	4	4	2	6	8	8	7	5	4	4	1	4	1	7	0	9	6	8	8	1	0	
3956	5	6	7	5	4	3	5	7	8	7	6	4	4	1	4	1	7	0	9	9	9	8	1	0	
3957	5	6	6	4	4	2	6	7	8	7	3	4	4	1	4	1	8	0	9	7	9	8	1	0	
3958	6	6	7	3	4	2	5	8	8	7	2	4	5	1	4	1	7	0	9	9	8	8	1	0	
3959	5	5	4	3	4	2	4	3	4	5	3	3	2	1	4	1	9	0	9	7	9	7	1	0	
3960	5	6	7	3	4	2	5	8	8	7	4	5	7	1	4	1	8	0	7	9	9	7	1	0	



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
3961	5	4	4	4	4	3	4	3	4	5	3	3	4	1	2	1	7	0	9	8	9	6	1	0
3962	6	6	6	3	4	2	5	8	8	7	2	5	6	1	4	1	8	0	9	9	9	6	1	0
3963	6	6	6	2	4	2	5	8	8	7	2	4	5	1	4	1	8	0	9	9	9	5	1	0
3964	6	6	6	3	4	2	5	8	8	7	2	4	6	1	4	1	8	0	9	9	9	6	1	0
3965	5	6	5	5	4	3	6	6	6	6	3	4	3	1	4	1	9	0	9	8	8	8	1	0
3966	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
3967	6	6	6	4	5	2	5	8	8	7	3	5	6	1	4	1	6	0	7	9	9	6	1	0
3968	6	6	6	4	4	2	6	8	8	7	0	0	4	2	4	2	6	0	7	9	9	5	1	0
3969	6	6	6	3	4	2	5	8	8	7	0	5	6	1	1	1	6	0	9	9	9	5	1	0
3970	5	6	4	4	4	3	4	4	5	5	2	4	3	1	4	1	9	0	9	9	9	7	1	0
3971	5	4	6	3	4	2	5	8	8	7	0	4	5	1	2	1	8	0	9	9	9	5	1	0
3972	5	5	4	4	4	3	5	5	5	5	3	4	3	1	4	1	9	0	9	9	9	8	1	0
3973	5	5	5	4	5	3	4	5	6	6	3	4	4	1	4	1	9	0	9	9	9	8	1	0
3974	5	4	4	4	4	3	5	4	4	5	2	4	4	1	4	1	7	0	9	9	9	8	1	0
3975	5	6	4	4	4	2	4	4	4	5	2	3	4	1	4	1	7	0	9	8	9	8	1	0
3976	5	5	5	3	4	2	5	6	7	6	3	5	4	1	4	1	8	0	9	7	9	8	1	0
3977	5	4	6	4	4	2	5	8	8	7	3	4	4	1	4	1	8	0	9	9	9	8	1	0
3978	5	5	4	6	4	3	5	4	4	5	2	4	4	1	1	1	9	0	9	9	9	8	1	0
3979	5	5	4	5	3	3	5	5	4	6	3	3	5	1	4	1	9	0	9	9	9	8	1	0
3980	5	5	5	5	4	2	5	5	6	6	3	3	3	1	1	1	7	0	9	9	9	8	1	0
3981	6	4	6	4		2	5	8	8	7	6	5	5	1	4	1	6	0	7	9	9	8	1	0
3982	5	4	4	4	3	2	4	4	5	5	2	3	4	1	4	1	7	0	9	9	9	9	1	0
3983	6	6	5	7	3	3	5	6	6	6	3	4	3	1	4	1	9	0	9	7	9	9	1	0
3984	6	5	7	4	4	2	6	8	8	7	2	4	6	1	2	1	6	0	9	9	9	9	1	0
3985	6	4	6	2	5	2	5	8	8	7	2	4	5	1	4	1	6	0	9	9	9	9	1	0
3986	6	4	7	2	4	2	5	8	8	7	1	3	4	1	4	1	6	0	9	9	9	9	1	0
3987	6	4	6	2	4	2	5	8	8	7	1	4	6	1	4	1	8	0	7	9	9	9	1	0
3988	4	5	4	5	3	3	4	4	4	5	3	4	5	2	4	2	7	0	9	9	9	9	1	0
3989	5	4	6	3	3	2	5	8	8	7	1	4	5	1	4	1	8	0	9	9	9	8	1	0
3990	6	4	6	4	4	2	6	8	8	7	1	4	6	1	1	1	8	0	9	9	9	8	1	0
3991	5	5	5	4	4	3	5	6	7	6	5	4	4	1	4	1	8	0	9	7	9	8	1	0
3992	4	4	4	4	4	3	5	4	3	5	5	4	5	2	4	2	7	0	9	9	9	9	1	0
3993	5	4	4	4	4	2	3	3	4	5	3	4	5	1	4	3	7	0	9	9	9	8	1	0
3994	6	4	6	3	4	2	5	8	8	7	2	4	5	1	4	1	6	0	9	9	9	8	1	0
3995	6	4	7	4	4	3	5	7	8	7	3	3	5	1	4	1	7	0	9	9	9	8	1	0
3996	6	4	7	4	4	3	5	7	8	7	3	3	5	1	4	1	7	0	9	9	9	8	1	0
3997	6	4	6	5	4	3	5	7	8	6	3	4	5	1	4	1	6	0	9	9	9	8	1	0
3998	5	4	4	4	4	2	4	4	5	5	3	3	5	1	4	1	7	0	9	9	8	8	1	0
3999	5	6	6	4	4	3	5	7	8	6	3	4	4	2	5	2	7	0	9	9	8	8	1	0
4000	6	4	7	4	5	2	5	8	8	7	0	4	6	1	4	1	7	0	9	9	9	8	1	0

## 332 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DHA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
4001	6	4	7	3	4	2	5	8	8	7	0	5	2	1	4	1	7	0	9	8	9	8	1	0
4002	5	5	4	5	5	3	4	4	4	4	2	4	4	1	4	1	8	0	9	9	9	8	1	0
4003	5	5	4	3	4	2	4	4	5	5	3	3	4	1	4	1	7	0	9	9	8	8	1	0
4004	6	4	7	3	5	2	6	8	8	7	4	4	4	1	4	1	6	0	7	9	9	8	1	0
4005	5	5	4	4	4	3	5	5	3	5	2	4	4	2	4	3	7	0	9	9	9	6	1	0
4006	5	4	6	4	4	3	5	7	8	6	6	4	5	1	4	1	6	0	7	9	8	8	1	0
4007	5	5	4	4	4	2	4	4	4	5	3	4	3	1	2	1	9	0	9	9	9	8	1	0
4008	6	4	6	3	4	2	6	8	8	7	0	5	4	1	4	1	6	0	9	8	9	8	1	0
4009	6	4	6	3	4	2	6	8	8	7	0	4	4	1	4	1	8	0	9	9	9	8	1	0
4010	5	4	4	4	5	2	5	5	6	6	3	3	3	1	4	1	8	0	9	9	9	7	1	0
4011	5	5	4	5	4	3	5	5	5	6	2	3	4	1	4	1	9	0	9	9	9	7	1	0
4012	5	5	4	4	4	2	5	5	5	5	3	3	4	1	4	1	9	0	9	9	9	6	1	0
4013	5	5	4	4	5	2	4	4	5	5	3	3	4	1	4	1	9	0	9	8	9	6	1	0
4014	5	5	4	3	5	2	5	5	5	6	4	3	4	1	4	1	7	0	9	8	9	7	1	0
4015	5	5	4	4	3	2	5	5	6	5	3	4	3	1	4	1	7	0	9	9	8	4	1	0
4016	5	5	4	4	4	2	4	5	5	6	3	3	4	1	4	1	8	0	9	9	9	5	1	0
4017	5	6	4	4	5	2	4	5	6	6	3	3	3	1	4	1	8	0	9	9	9	4	1	0
4018	5	5	4	4	4	2	4	4	5	5	3	3	3	1	4	1	9	0	9	9	9	4	1	0
4019	5	6	4	3	5	2	4	4	5	5	3	3	3	1	4	1	8	0	9	9	9	4	1	0
4020	5	4	4	4	4	2	4	5	6	6	3	3	4	1	4	1	8	0	9	9	9	5	1	0
4021	5	5	4	4	4	2	4	4	5	5	3	3	4	1	4	1	9	0	9	9	9	5	1	0
4022	5	5	4	5	3	2	4	5	6	6	3	3	3	1	4	3	9	0	9	9	9	5	1	0
4023	5	5	4	4	4	2	4	4	5	5	2	3	3	1	4	3	7	0	9	9	9	6	1	0
4024	5	5	4	4	3	2	4	5	5	6	3	3	4	1	4	3	8	0	9	8	9	7	1	0
4025	5	5	4	4	4	2	4	4	5	5	3	3	3	1	4	1	9	0	9	9	9	8	1	0
4026	5	5	4	4	4	3	4	5	5	6	2	3	3	1	4	1	8	0	9	9	9	8	1	0
4027	5	5	4	4	4	2	5	5	6	6	3	3	2	1	4	1	8	0	9	9	9	8	1	0
4028	5	5	4	4	4	2	4	4	6	5	3	3	4	1	4	1	8	0	9	6	9	8	1	0
4029	5	5	4	4	4	2	4	4	5	5	4	3	2	1	4	1	8	0	9	8	9	8	1	0
4030	5	5	4	4	4	2	4	4	5	5	3	3	4	1	4	1	9	0	9	9	9	8	1	0
4031	5	5	4	3	4	2	4	4	5	5	2	3	3	1	4	1	9	0	9	9	8	8	1	0
4032	5	5	4	5	4	3	4	4	4	5	4	3	3	1	4	1	9	0	9	9	8	8	1	0
4033	5	4	4	4	5	2	4	4	4	5	2	3	3	1	2	1	7	0	9	9	9	8	1	0
4034	5	5	4	4	5	2	4	4	4	5	2	3	3	1	4	1	8	0	9	9	9	9	1	0
4035	5	4	4	4	4	3	4	5	5	6	3	3	3	1	4	1	9	0	9	9	9	9	1	0
4036	5	5	4	4	4	3	4	4	5	6	3	3	3	1	4	1	9	0	9	9	9	9	1	0
4037	5	5	4	3	4	2	4	5	5	6	3	3	3	1	4	1	8	0	9	9	9	9	1	0
4038	5	5	4	4	4	2	4	4	4	5	2	3	4	1	4	1	7	0	9	9	9	9	1	0
4039	4	4	4	4	4	2	4	4	5	5	3	3	3	1	4	1	9	0	9	9	9	9	1	0
4040	5	4	4	5	4	2	4	4	5	6	3	3	4	1	4	1	9	0	9	9	8	9	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/H	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
4041	5	4	4	4	4	2	5	4	4	5	3	3	3	1	4	1	8	0	9	9	9	8	1	0
4042	5	5	5	4	4	2	5	5	6	6	3	2	2	1	4	1	9	0	9	9	9	9	1	0
4043	5	5	5	4	4	2	4	5	5	6	3	3	3	1	4	1	9	0	9	9	9	9	1	0
4044	5	4	4	4	4	2	4	4	5	6	3	2	3	1	4	1	8	0	9	9	9	9	1	0
4045	5	5	4	4	4	2	4	3	4	5	3	3	4	1	4	1	8	0	9	9	9	9	1	0
4046	5	4	4	4	4	2	4	4	5	5	3	3	4	1	4	1	9	0	9	9	9	9	1	0
4047	5	4	4	4	4	2	4	4	4	6	3	3	2	1	4	1	9	0	9	9	8	8	1	0
4048	5	4	4	4	5	2	4	4	5	5	3	3	4	1	4	1	9	0	9	8	9	8	1	0
4049	5	5	5	2	5	2	4	4	5	6	3	3	2	1	4	1	9	0	9	8	9	8	1	0
4050	5	5	4	4	3	2	4	4	5	5	3	3	3	1	4	1	9	0	9	9	9	8	1	0
4051	5	4	4	3	4	2	4	4	5	5	3	3	3	1	4	1	9	0	9	9	9	8	1	0
4052	5	5	4	2	4	2	4	4	5	5	3	3	4	1	4	1	9	0	9	9	9	8	1	0
4053	5	5	5	4	3	2	3	4	5	5	3	3	3	1	4	1	8	0	9	9	8	8	1	0
4054	5	5	4	3	4	2	3	4	6	5	3	3	3	1	4	1	8	0	9	9	8	8	1	0
4055	5	4	4	3	4	2	3	3	5	5	3	3	4	1	4	1	9	0	9	9	9	8	1	0
4056	5	5	4	4	4	2	4	4	5	5	3	3	4	1	2	1	9	0	9	9	9	8	1	0
4057	5	5	4	3	5	2	4	5	5	6	3	3	4	1	2	1	9	0	9	9	9	8	1	0
4058	5	5	4	4	4	2	4	4	5	5	3	3	4	1	2	1	8	0	9	9	8	8	1	0
4059	5	5	4	4	4	2	4	4	5	5	3	3	5	1	2	1	9	0	9	9	9	6	1	0
4060	5	6	5	3	5	2	4	4	4	5	3	3	5	1	4	1	7	0	9	9	9	6	1	0
4061	5	6	5	3	3	2	3	4	5	5	3	3	3	1	4	1	9	0	9	9	8	5	1	0
4062	5	4	4	4	4	2	3	3	5	5	5	3	4	1	4	1	8	0	9	9	9	7	1	0
4063	5	5	4	4	4	2	4	4	5	5	3	3	4	1	4	1	9	0	9	9	9	6	1	0
4064	5	5	4	4	5	2	5	4	6	4	3	4	4	1	4	1	9	0	9	8	9	5	1	0
4065	5	5	4	4	4	2	4	4	4	5	3	3	4	1	4	1	9	0	9	9	9	5	1	0
4066	5	5	5	5	3	3	5	4	4	5	3	3	4	1	4	1	9	0	9	9	8	7	1	0
4067	5	5	5	4	4	2	4	4	5	5	2	3	4	1	4	1	8	0	9	9	9	5	1	0
4068	5	5	4	4	4	2	4	4	5	5	2	3	4	1	4	1	8	0	9	9	9	6	1	0
4069	5	5	4	4	4	2	3	4	5	5	4	3	4	1	4	1	9	0	9	9	8	8	1	0
4070	5	5	4	3	4	2	3	3	5	5	3	3	4	1	4	1	9	0	9	9	9	8	1	0
4071	5	5	4	3	4	2	4	3	6	5	7	3	5	1	4	1	7	0	9	9	8	8	1	0
4072	5	5	4	2	4	2	4	4	5	5	3	3	4	1	4	1	9	0	9	9	9	8	1	0
4073	6	5	6	3	4	2	4	7	8	7	4	4	4	1	4	1	9	0	9	9	9	8	1	0
4074	5	5	5	4	4	2	4	4	5	6	3	2	4	1	4	1	7	0	9	9	9	7	1	0
4075	5	4	4	3	5	2	3	3	4	5	3	3	5	1	2	1	7	0	9	9	9	7	1	0
4076	5	5	5	3	5	2	4	5	6	6	4	2	4	1	4	1	9	0	9	9	8	7	1	0
4077	5	5	4	4	4	2	4	4	5	5	2	3	4	1	4	1	9	0	9	9	8	8	1	0
4078	5	5	4	4	4	2	4	4	4	5	2	3	5	1	4	1	8	0	9	9	9	8	1	0
4079	5	5	4	3	5	2	3	4	5	5	2	3	5	1	4	1	7	0	9	9	9	8	1	0
4080	5	6	5	4	4	2	3	4	6	6	2	2	4	1	4	1	9	0	9	9	8	8	1	0

ILC	DAF	FDU	DNA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
4081	5	5	4	6	4	2	5	4	4	6	2	3	5	1	4	1	9	0	9	9	8	8	1	0
4082	5	5	4	4	4	2	4	4	4	5	3	3	6	1	4	1	9	0	9	9	9	9	1	0
4083	5	6	4	3	5	2	4	5	5	6	4	3	5	1	4	1	5	0	9	9	8	8	1	0
4084	4	4	4	4	4	2	4	4	4	5	3	3	6	1	2	1	7	0	9	9	9	7	1	0
4085	5	5	4	4	4	3	5	4	4	5	3	3	6	1	2	1	7	0	9	9	9	4	1	0
4086	6	5	7	3	4	2	4	6	8	6	3	4	5	1	4	1	7	0	7	9	9	4	1	0
4087	4	6	4	6	4	3	5	5	4	5	3	5	6	1	1	1	9	0	9	9	9	9	1	0
4088	4	5	4	5	5	3	4	4	4	4	3	4	6	1	1	1	9	0	9	9	9	9	1	0
4089	4	4	5	5	3	3	4	4	5	5	3	4	6	1	2	1	9	0	9	9	9	8	1	0
4090	5	6	5	4	4	2	4	5	7	6	6	2	5	1	4	1	7	0	9	9	8	8	1	0
4091	5	3	4	4	4	2	4	5	5	5	3	4	5	1	2	1	8	0	9	9	9	8	1	0
4092	5	5	5	3	5	2	5	6	8	6	6	4	4	1	3	1	9	0	9	9	9	9	1	0
4093	4	4	4	4	4	3	5	4	4	5	3	3	6	1	1	1	8	0	9	9	9	9	1	0
4094	5	4	4	6	3	4	5	4	3	5	3	4	6	1	4	1	9	0	7	9	9	9	1	0
4095	5	4	4	5	4	3	5	4	4	5	3	4	6	1	1	1	6	0	9	8	9	8	1	0
4096	5	4	4	4	4	4	4	3	3	4	3	5	6	1	4	3	8	0	7	9	9	8	1	0
4097	4	3	4	4	5	3	4	4	4	4	2	4	7	1	4	1	7	0	9	9	9	9	1	0
4098	4	4	4	1	5	2	3	3	4	5	4	2	5	1	4	1	9	0	9	9	9	9	1	0
4099	4	4	4	3	5	2	4	4	4	5	5	2	5	1	4	1	8	0	9	6	9	8	1	0
4100	4	3	4	4	3	3	5	4	3	5	2	4	7	1	4	1	8	0	9	9	9	9	1	0
4101	4	4	4	3	4	3	3	4	5	5	4	2	5	1	4	1	8	0	9	9	9	8	1	0
4102	4	3	4	4	5	2	4	4	4	6	5	2	5	1	4	1	9	0	9	9	8	8	1	0
4103	4	4	4	5	4	3	5	4	4	5	3	5	8	1	1	1	9	0	7	6	8	8	1	0
4104	5	3	6	3	4	2	4	6	7	6	6	2	5	1	2	1	7	0	9	9	9	8	1	0
4105	4	5	4	4	5	2	4	4	4	5	3	4	5	1	2	1	7	0	9	9	9	8	1	0
4106	4	4	4	5	3	3	4	4	4	4	5	5	6	1	2	1	9	0	9	9	9	8	1	0
4107	4	4	5	5	4	3	4	4	5	5	4	4	5	1	4	1	9	0	9	9	9	8	1	0
4108	4	4	4	4	3	3	5	4	4	4	5	5	4	1	1	1	9	0	7	9	9	8	1	0
4109	4	4	5	4	5	3	5	5	5	5	5	4	5	1	1	1	9	0	7	9	9	8	1	0
4110	5	4	4	5	5	3	5	5	5	5	3	5	6	1	1	1	9	0	7	9	9	8	1	0
4111	4	5	5	5	3	3	4	4	5	6	5	2	5	1	4	1	9	0	7	9	9	8	1	0
4112	5	5	6	4	4	3	4	5	5	6	7	2	4	1	4	1	9	0	9	8	9	8	1	0
4113	5	6	4	5	4	3	6	5	4	5	3	4	5	1	1	1	9	0	9	9	9	8	1	0
4114	4	5	5	4	4	3	3	3	4	5	3	4	5	1	4	1	9	0	9	9	9	8	1	0
4115	4	4	4	4	5	3	5	5	4	5	2	5	7	1	1	1	9	0	9	9	9	8	1	0
4116	6	6	5	5	5	3	5	5	4	5	2	5	7	1	1	1	9	0	7	9	8	8	1	0
4117	5	5	5	5	5	3	5	5	4	5	7	4	5	1	4	1	9	0	9	9	9	7	1	0
4118	4	3	4	4	4	3	4	4	4	5	3	5	5	1	2	1	9	0	9	9	9	8	1	0
4119	5	3	5	5	4	3	5	5	5	6	3	3	6	1	4	1	9	0	9	9	9	8	1	0
4120	4	5	4	4	5	3	5	4	4	5	3	4	5	1	2	1	9	0	9	9	9	8	1	0

ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
4121	4	4	5	3	4	3	4	4	4	5	3	3	5	1	4	1	9	0	9	9	8	8	1	0
4122	4	3	5	3	4	2	4	3	4	5	4	2	5	1	4	1	9	0	9	9	9	9	1	0
4123	4	5	5	4	4	3	5	4	4	5	3	4	6	1	4	1	8	0	9	9	9	9	1	0
4124	4	5	5	2	4	3	5	5	4	6	4	3	7	1	2	1	9	0	9	9	9	8	1	0
4125	4	4	5	3	4	2	4	4	4	3	3	6	5	1	1	1	9	0	9	9	9	8	1	0
4126	3	3	4	4	4	2	4	3	4	5	4	3	6	1	4	1	9	0	9	9	9	8	1	0
4127	5	5	5	4	4	2	3	5	6	6	6	3	5	1	2	1	9	0	9	9	9	8	1	0
4128	4	3	5	3	5	2	5	5	5	6	4	3	6	1	4	1	9	0	9	9	9	9	1	0
4129	4	3	5	4	4	2	5	6	5	6	6	3	6	1	4	1	9	0	9	9	9	9	1	0
4130	4	4	4	3	4	2	2	3	5	5	3	3	6	1	4	1	9	0	9	9	9	9	1	0
4131	4	3	4	4	3	2	4	3	4	4	3	5	6	1	4	3	9	0	7	8	9	9	1	0
4132	5	4	5	3	4	3	5	6	7	6	7	2	4	1	2	1	9	0	9	9	9	9	1	0
4133	5	5	6	3	5	2	3	5	7	6	7	3	5	1	2	1	9	0	9	8	9	9	1	0
4134	4	3	4	2	5	2	4	4	5	5	3	3	5	1	2	1	9	0	9	9	9	9	1	0
4135	4	3	4	4	6	3	6	5	3	6	3	4	7	1	2	1	9	0	9	8	9	9	1	0
4136	4	3	5	5	3	2	4	4	4	5	3	3	6	1	2	1	9	0	9	9	8	9	1	0
4137	4	3	5	3	6	3	6	6	6	6	5	3	7	1	2	1	6	0	9	9	8	9	1	0
4138	5	5	5	4	6	3	4	4	5	6	5	3	5	1	1	1	9	0	9	9	9	9	1	0
4139	5	5	5	3	5	3	3	3	5	5	6	3	5	1	1	1	9	0	9	6	9	9	1	0
4140	4	3	5	4	5	4	5	5	4	6	3	3	5	1	4	1	9	0	9	9	8	9	1	0
4141	4	3	5	2	6	3	5	5	4	6	3	2	6	1	4	1	9	0	9	9	8	8	1	0
4142	4	5	5	7	3	3	3	4	5	5	3	2	5	1	4	1	9	0	9	9	9	9	1	0
4143	4	4	5	4	6	2	4	4	5	6	3	2	6	1	2	1	9	0	9	9	9	9	1	0
4144	4	4	5	4	6	3	4	4	4	6	5	2	6	1	2	1	9	0	9	9	9	9	1	0
4145	4	3	4	4	6	3	5	4	3	5	3	4	7	1	4	1	9	0	9	9	9	9	1	0
4146	4	4	5	4	5	3	5	5	5	6	4	3	6	1	2	1	9	0	9	8	9	9	1	0
4147	4	6	5	5	5	3	6	6	5	6	4	3	6	1	4	1	9	0	9	9	9	9	1	0
4148	5	5	5	5	4	3	4	4	5	5	4	3	6	1	2	1	9	0	9	9	9	8	1	0
4149	4	4	5	4	6	2	4	4	4	5	4	2	5	1	4	1	9	0	9	9	9	8	1	0
4150	5	3	5	5	3	2	2	4	6	5	6	3	4	1	2	1	9	0	9	9	9	8	1	0
4151	4	4	4	3	5	2	3	2	4	5	3	3	4	1	4	1	9	0	9	9	8	7	1	0
4152	4	3	4	3	6	2	3	3	4	5	4	2	5	1	2	1	9	0	9	9	8	7	1	0
4153	4	3	4	4	5	2	4	3	4	5	4	3	5	1	4	1	9	0	9	9	9	8	1	0
4154	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	9	9	9	8	1	0
4155	4	4	4	4	4	2	3	3	4	5	4	2	4	1	4	1	9	0	9	9	9	8	1	0
4156	5	4	5	4	5	2	3	5	6	6	7	2	4	1	2	1	9	0	9	9	9	7	1	0
4157	4	4	5	4	4	3	3	4	5	5	3	4	4	1	4	1	9	0	9	9	9	7	1	0
4158	4	3	4	4	6	2	3	3	5	5	3	2	2	1	4	1	9	0	9	8	8	9	1	0
4159	4	3	4	2	6	2	3	3	4	5	5	2	4	1	4	1	9	0	9	6	9	6	1	0
4160	4	3	4	5	4	3	4	4	4	5	3	4	3	1	4	1	9	0	9	9	9	8	1	0

## 336 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
4161	4	4	4	4	5	2	5	4	4	5	4	3	5	1	2	1	9	0	9	9	9	9	1	0
4162	3	3	4	4	5	3	5	4	3	4	3	4	7	1	4	3	9	0	9	9	9	9	1	0
4163	5	4	6	2	5	2	3	5	6	6	7	2	5	1	1	1	9	0	9	6	9	9	1	0
4164	4	3	4	3	5	2	4	4	3	5	3	2	4	1	4	1	9	0	9	8	9	9	1	0
4165	5	4	6	3	5	2	3	5	7	6	7	2	4	1	1	1	9	0	9	9	9	9	1	0
4166	4	4	4	4	5	2	4	4	4	6	4	2	5	1	2	1	9	0	9	7	9	9	1	0
4167	4	4	5	5	5	3	3	4	6	5	6	4	3	1	2	1	9	0	9	9	9	8	1	0
4168	4	3	5	2	5	2	4	3	4	5	5	3	5	1	4	1	9	0	9	9	9	8	1	0
4169	4	4	4	4	5	2	4	3	4	5	4	3	5	1	4	1	9	0	9	9	9	8	1	0
4170	4	4	5	4	5	2	4	4	4	6	4	2	5	1	2	1	9	0	9	8	9	7	1	0
4171	4	3	4	4	4	2	3	3	4	5	4	2	4	1	4	1	9	0	9	8	9	8	1	0
4172	4	4	4	4	5	2	4	3	4	5	3	2	4	1	4	1	9	0	9	8	9	8	1	0
4173	5	4	5	4	5	2	4	5	6	6	8	2	3	1	2	1	9	0	9	9	8	8	1	0
4174	4	3	4	3	6	2	4	4	4	5	4	2	5	1	2	1	9	0	9	8	9	8	1	0
4175	5	6	6	3	7	3	1	4	7	6	6	2	4	1	2	1	9	0	9	9	9	9	1	0
4176	4	4	5	3	8	2	4	4	5	6	4	2	6	1	1	1	9	0	9	9	9	9	1	0
4177	5	6	6	3	4	2	2	4	7	6	9	2	4	1	2	1	9	0	9	9	9	9	1	0
4178	4	4	4	3	6	2	3	3	5	5	4	2	4	1	4	1	9	0	9	9	9	9	1	0
4179	5	5	5	5	4	2	3	6	8	6	5	3	5	1	2	1	9	0	9	9	9	9	1	0
4180	4	3	4	5	5	2	3	3	4	5	4	3	5	1	4	1	9	0	9	8	9	8	1	0
4181	4	4	4	4	5	2	3	3	4	5	4	2	4	1	4	1	9	0	9	9	9	8	1	0
4182	4	4	5	3	5	2	3	3	4	5	4	2	4	1	2	1	9	0	9	9	8	8	1	0
4183	4	5	5	4	5	3	2	2	4	5	3	2	4	1	2	1	9	0	9	9	8	8	1	0
4184	4	4	4	3	5	2	3	3	4	5	4	2	4	1	2	1	9	0	9	8	8	8	1	0
4185	5	4	5	4	5	2	4	5	5	6	5	3	4	1	1	1	9	0	9	6	8	8	1	0
4186	4	4	5	3	5	2	4	4	4	6	4	2	4	1	4	1	9	0	9	8	8	8	1	0
4187	5	4	6	3	5	2	2	5	7	6	6	2	3	1	2	1	9	0	9	9	9	8	1	0
4188	—	0	0	0	0	0	0	0	0	0	0	0	0	—	0	0	9	0	9	0	0	0	0	0
4189	4	4	4	3	7	3	3	3	4	4	3	4	4	1	4	1	7	0	9	9	9	6	1	0
4190	4	4	4	4	6	2	4	3	4	5	4	2	5	1	4	1	9	0	9	9	3	7	1	0
4191	5	4	6	3	6	2	3	6	8	6	4	2	4	1	2	1	9	0	9	9	9	8	1	0
4192	5	6	6	3	5	2	3	5	7	6	5	2	4	1	2	1	9	0	9	9	9	8	1	0
4193	4	4	4	5	4	3	5	4	4	5	3	3	3	1	4	3	9	0	7	9	8	9	1	0
4194	4	4	4	3	6	2	4	4	5	6	3	2	4	1	4	1	9	0	9	9	8	8	1	0
4195	4	4	4	4	5	2	3	4	6	6	3	3	4	1	4	1	9	0	9	9	8	8	1	0
4196	5	6	5	4	5	2	4	4	6	6	5	3	4	1	2	1	9	0	9	9	9	8	1	0
4197	4	3	4	3	5	2	4	4	4	5	4	2	3	1	4	1	9	0	9	8	9	9	1	0
4198	4	4	4	3	5	2	3	6	8	6	5	2	4	1	4	1	9	0	9	8	9	9	1	0
4199	—	0	0	0	0	0	0	0	0	0	0	0	0	—	0	0	9	0	9	0	0	0	0	0
4200	5	5	5	3	5	2	3	4	5	6	4	3	3	1	2	1	9	0	9	8	9	9	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CN	COL	IDC	HER	
4201	5	6	5	5	4	2	4	6	7	6	5	2	3	1	2	1	9	0	9	9	9	9	9	1	0
4202	5	6	5	4	4	2	4	6	7	6	5	2	3	1	2	1	9	0	9	9	8	9	9	1	0
4203	5	5	5	4	5	2	5	5	5	6	7	2	3	1	2	1	9	0	9	9	9	9	9	1	0
4204	4	3	4	3	5	2	4	4	4	5	3	2	4	1	4	1	8	0	9	9	8	9	9	1	0
4205	4	3	4	4	5	2	5	4	4	6	4	2	4	1	4	1	9	0	9	9	9	9	9	1	0
4206	5	6	5	4	5	2	4	5	6	6	3	3	3	1	2	1	9	0	9	9	9	9	9	1	0
4207	4	3	4	4	5	2	4	4	4	5	3	3	4	1	4	1	9	0	9	9	9	9	9	1	0
4208	5	6	5	4	5	2	3	5	7	6	4	3	3	1	2	1	9	0	9	9	9	9	9	1	0
4209	5	6	5	2	4	2	4	8	8	7	5	3	4	1	2	1	9	0	9	9	8	9	9	1	0
4210	4	3	4	3	5	2	4	3	4	5	3	3	3	1	4	1	9	0	9	8	8	9	9	1	0
4211	4	3	4	4	5	2	4	4	5	6	4	2	4	1	4	1	9	0	9	9	9	8	1	0	
4212	5	6	5	4	5	2	5	6	6	6	3	3	4	1	2	1	9	0	9	9	9	8	1	0	
4213	4	4	4	3	5	2	4	4	4	5	3	3	3	1	4	3	9	0	9	8	9	8	1	0	
4214	4	5	5	4	4	2	4	5	5	6	3	3	3	1	1	1	9	0	9	9	9	8	1	0	
4215	4	4	4	4	4	2	4	4	4	5	3	2	4	1	4	1	9	0	9	9	9	8	1	0	
4216	4	6	5	3	4	2	5	6	7	6	3	3	3	1	2	1	7	0	9	9	9	8	1	0	
4217	5	4	5	4	5	2	4	4	5	6	3	3	3	1	1	1	9	0	9	9	9	9	1	0	
4218	5	6	5	4	5	2	4	5	5	6	3	3	3	1	2	1	7	0	9	8	9	8	1	0	
4219	5	6	5	4	3	2	5	5	5	6	4	3	3	1	1	1	9	0	9	9	9	8	1	0	
4220	5	4	5	4	5	2	4	5	5	6	4	3	4	1	2	1	9	0	9	9	9	9	1	0	
4221	4	5	4	3	5	2	4	4	4	5	3	2	3	1	4	1	9	0	9	9	9	9	1	0	
4222	4	3	4	3	5	2	4	3	4	5	3	3	4	1	4	1	9	0	9	9	8	9	1	0	
4223	4	4	4	4	5	2	4	3	4	5	3	2	4	1	4	1	9	0	9	8	8	9	1	0	
4224	5	4	5	4	5	2	4	5	6	6	4	3	3	1	1	1	7	0	9	9	8	9	1	0	
4225	5	4	5	3	5	2	5	6	6	6	4	3	3	1	2	1	7	0	9	8	9	9	1	0	
4226	5	5	5	5	4	3	5	5	5	6	4	3	4	1	2	1	9	0	9	9	9	9	1	0	
4227	4	4	5	4	5	2	5	5	5	6	4	3	4	1	4	1	9	0	9	8	9	9	1	0	
4228	5	5	5	4	4	2	5	6	7	6	4	3	4	1	2	1	9	0	9	8	9	9	1	0	
4229	5	5	5	4	4	2	4	5	6	6	4	2	4	1	2	1	9	0	9	9	8	8	1	0	
4230	4	4	4	4	5	2	5	4	3	6	3	3	4	1	4	1	9	0	9	9	8	8	1	0	
4231	4	3	4	5	3	3	5	5	4	6	3	3	4	1	4	1	9	0	9	9	9	8	1	0	
4232	4	4	4	4	4	3	5	4	4	6	3	2	3	1	4	1	9	0	9	9	9	8	1	0	
4233	4	4	4	4	6	2	5	4	4	6	3	2	4	1	4	1	9	0	9	8	9	8	1	0	
4234	4	3	4	4	5	2	5	4	4	6	3	2	3	1	1	1	9	0	9	8	9	8	1	0	
4235	4	3	4	3	4	2	5	5	4	6	3	2	4	1	4	1	9	0	9	9	9	8	1	0	
4236	4	3	4	4	4	2	5	5	4	5	2	5	5	1	4	1	9	0	9	9	9	9	1	0	
4237	5	3	5	4	5	2	5	6	7	6	4	3	3	1	1	1	9	0	9	8	9	8	1	0	
4238	5	5	5	4	5	2	5	5	6	6	4	3	3	1	2	1	9	0	9	8	9	9	1	0	
4239	4	4	4	2	6	2	5	5	4	6	3	2	3	1	4	1	9	0	7	9	9	9	1	0	
4240	4	4	4	4	6	2	5	5	4	6	3	3	3	1	4	1	9	0	9	9	9	9	1	0	

## 338 Catalog of Chickpea Germplasm

	ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SEO	AB	FW	LM	CC	CM	COL	IDC	HER
4241	4	4	4	4	4	5	2	5	5	4	6	3	2	4	1	4	1	9	0	9	8	9	9	1	0
4242	4	4	4	4	4	5	2	5	5	5	6	3	3	4	1	4	1	9	0	9	9	9	7	1	0
4243	4	4	4	4	4	5	2	5	5	5	6	3	3	4	1	4	1	9	0	7	9	9	8	1	0
4244	4	4	4	4	2	5	2	5	5	5	6	3	3	3	1	4	1	9	0	9	9	8	8	1	0
4245	4	4	4	4	4	5	2	5	4	3	5	3	3	2	1	4	1	9	0	7	9	9	9	1	0
4246	5	6	5	3	5	5	2	5	6	7	6	3	3	3	1	2	1	9	0	9	9	8	9	1	0
4247	4	4	4	4	4	5	2	5	5	5	6	3	3	3	1	4	1	9	0	7	8	8	9	1	0
4248	5	4	5	4	4	5	2	5	5	6	6	3	3	3	1	2	1	9	0	9	9	9	9	1	0
4249	4	4	4	4	4	5	2	5	5	4	6	3	3	3	1	4	1	9	0	9	9	9	9	1	0
4250	4	3	4	4	4	4	2	5	5	4	6	4	3	4	1	4	1	9	0	9	9	9	9	1	0
4251	4	4	4	4	4	5	2	6	6	5	6	4	3	4	1	4	1	9	0	9	9	9	9	1	0
4252	6	4	6	4	4	6	2	6	8	8	7	5	4	3	1	2	1	9	0	9	9	9	9	1	0
4253	4	4	4	4	4	5	2	6	5	4	6	4	3	3	1	4	3	9	0	9	9	9	9	1	0
4254	-	0	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	9	0	0	0	0	0
4255	4	4	4	4	4	5	2	5	5	4	6	4	2	5	1	4	1	9	0	9	6	9	9	1	0
4256	4	4	4	4	3	6	2	5	5	4	6	3	3	4	1	4	3	9	0	9	9	9	9	1	0
4257	4	4	4	4	4	3	2	5	5	4	6	3	2	4	1	4	1	9	0	9	8	9	9	1	0
4258	4	4	4	4	5	5	2	5	4	4	6	3	2	4	1	4	1	9	0	9	9	9	9	1	0
4259	4	4	4	4	4	5	2	6	5	4	6	3	3	4	1	4	1	7	0	9	9	9	9	1	0
4260	4	4	4	4	4	5	2	5	5	4	6	3	3	4	1	4	1	9	0	9	9	9	9	1	0
4261	4	4	4	4	2	5	2	6	5	4	6	3	3	4	1	4	1	9	0	9	7	9	9	1	0
4262	5	6	5	4	4	4	2	5	6	7	6	3	2	4	1	2	1	9	0	9	9	9	9	1	0
4263	5	5	5	4	4	4	2	5	6	8	6	4	3	4	1	2	1	9	0	9	9	9	9	1	0
4264	5	6	5	4	4	5	2	4	6	7	6	4	2	4	1	2	1	9	0	9	9	9	8	1	0
4265	4	4	4	4	2	8	2	5	5	4	6	3	3	3	1	4	1	9	0	9	8	9	9	1	0
4266	4	4	4	4	3	6	2	4	5	5	6	3	2	3	1	4	1	9	0	9	8	9	9	1	0
4267	5	6	5	3	4	4	2	5	6	7	6	4	2	4	1	2	1	9	0	9	9	9	9	1	0
4268	4	4	5	4	4	4	2	4	4	5	5	3	3	3	1	4	1	9	0	9	9	9	8	1	0
4269	5	6	5	4	4	5	2	4	7	8	6	5	2	3	1	2	1	9	0	9	9	9	8	1	0
4270	5	6	6	5	5	5	2	4	6	7	6	6	3	3	1	2	1	7	0	9	8	9	7	1	0
4271	5	5	5	4	6	6	2	5	6	6	6	5	3	4	1	2	1	9	0	9	8	9	8	1	0
4272	5	6	5	4	5	5	3	5	5	6	6	5	3	4	1	2	1	7	0	9	9	9	6	1	0
4273	5	6	5	3	4	4	3	5	5	6	6	4	2	4	1	4	1	9	0	9	8	9	8	1	0
4274	4	4	4	4	4	5	2	5	4	4	5	2	3	4	1	4	1	9	0	9	9	8	8	1	0
4275	6	6	5	4	4	4	3	5	6	6	6	5	2	4	1	2	1	8	0	9	9	9	8	1	0
4276	4	4	5	4	4	4	2	4	4	5	5	4	2	5	1	4	1	9	0	9	9	9	8	1	0
4277	4	4	4	4	4	6	2	4	4	4	5	3	2	4	1	4	1	9	0	9	8	9	8	1	0
4278	5	5	5	5	4	4	3	4	5	6	6	4	3	5	1	2	1	9	0	9	9	9	8	1	0
4279	4	4	4	4	4	4	2	2	3	6	5	3	2	4	1	4	1	9	0	9	9	9	8	1	0
4280	4	4	5	4	5	5	2	3	5	6	6	3	3	4	1	1	1	9	0	9	9	9	8	1	0



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FII	LM	CC	CH	COL	IDC	HER
4281	5	4	5	4	4	2	4	5	6	6	3	3	4	1	1	1	9	0	9	9	9	8	1	0
4282	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	9	9	9	0	0	0
4283	5	6	5	4	4	3	4	5	6	6	4	3	4	1	4	1	9	0	9	0	0	0	0	0
4284	4	4	4	4	5	2	4	4	5	6	3	2	3	1	4	1	9	0	9	9	9	8	1	0
4285	5	5	5	5	5	2	4	5	6	6	4	3	5	1	2	1	9	0	9	9	9	8	1	0
4286	4	4	4	5	5	2	4	4	5	6	4	3	5	1	4	3	9	0	9	8	9	8	1	0
4287	4	4	4	4	4	2	4	5	5	6	3	2	5	1	4	1	9	0	9	9	8	8	1	0
4288	4	4	4	3	4	2	4	4	5	6	3	2	4	1	4	1	9	0	9	9	9	8	1	0
4289	3	3	4	5	3	2	5	5	6	6	2	3	5	1	1	1	9	0	9	9	9	8	1	0
4290	4	4	4	5	4	2	5	5	4	5	2	5	5	1	2	1	9	0	9	9	9	9	1	0
4291	3	2	5	6	4	3	4	5	6	6	5	2	5	1	2	1	9	0	9	9	9	9	1	0
4292	3	2	4	5	3	3	5	6	6	6	3	2	6	1	2	1	9	0	9	9	9	9	1	0
4293	3	2	5	5	4	3	5	6	6	6	2	2	4	1	2	1	9	0	9	9	9	9	1	0
4294	4	4	4	4	5	2	5	5	5	6	3	3	5	1	4	1	9	0	8	9	9	8	1	0
4295	4	3	5	4	4	2	4	5	5	6	2	2	5	1	2	3	9	0	9	9	9	9	1	0
4296	3	2	4	6	4	3	5	5	5	6	4	2	5	1	4	1	7	0	9	9	9	9	1	0
4297	3	1	4	4	4	3	5	5	4	6	5	2	5	1	4	1	7	0	9	9	9	9	1	0
4298	4	4	4	6	3	3	6	5	3	4	2	6	4	2	1	2	9	0	7	9	9	8	1	0
4299	4	4	4	6	4	3	5	5	4	5	3	4	5	1	2	1	9	0	9	8	9	9	1	0
4300	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
4301	3	2	4	6	4	3	5	5	4	6	4	3	4	1	2	1	9	0	6	8	9	9	1	0
4302	3	2	5	5	4	3	6	6	6	6	2	2	5	1	2	1	9	0	6	8	9	9	1	0
4303	3	3	5	5	4	2	5	5	5	6	3	2	4	1	2	3	9	0	6	9	9	9	1	0
4304	3	4	5	5	5	3	4	5	6	6	2	2	4	1	2	3	9	0	6	9	9	9	1	0
4305	4	4	5	4	4	2	5	5	6	6	2	2	4	1	2	1	9	0	6	8	9	9	1	0
4306	3	2	5	5	5	3	5	6	7	6	2	2	4	1	1	1	8	0	8	9	9	9	1	0
4307	4	4	5	4	4	2	4	5	6	5	2	4	4	1	2	1	9	0	7	9	9	8	1	0
4308	4	4	4	4	4	2	5	5	6	6	2	3	5	1	4	1	9	0	8	9	9	9	1	0
4309	5	5	4	4	3	2	5	5	6	6	2	3	3	1	1	1	9	0	6	8	9	9	1	0
4310	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
4311	4	3	4	4	5	2	5	5	5	6	2	2	3	1	3	1	9	0	9	8	9	9	1	0
4312	4	4	4	4	5	2	5	5	5	5	2	4	4	1	4	1	7	0	9	8	9	5	1	0
4313	4	4	4	5	4	3	4	4	5	5	3	4	5	1	4	1	8	0	9	9	9	5	1	0
4314	4	4	4	4	5	2	4	4	5	5	2	3	3	1	1	1	8	0	9	9	9	8	1	0
4315	4	4	5	4	5	2	4	5	6	6	3	3	4	1	2	1	8	0	9	8	8	7	1	0
4316	5	5	4	4	5	2	5	5	5	5	2	4	4	1	4	1	8	0	9	9	9	6	1	0
4317	4	4	5	3	5	2	4	5	5	6	3	3	4	1	4	1	8	0	9	9	9	9	1	0
4318	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
4319	4	4	4	5	4	3	5	5	5	5	2	4	4	1	4	1	8	0	9	9	9	6	1	0
4320	4	4	4	5	4	3	3	5	6	6	3	2	5	1	2	1	9	0	6	9	9	9	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CN	COL	IDC	HER
4321	4	4	4	5	3	3	6	5	4	5	3	5	5	1	2	1	8	0	9	9	9	6	1	0
4322	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	7	0	0	0	0	0	0	0
4323	4	4	4	5	4	2	5	5	5	5	3	4	4	1	2	1	8	0	9	9	9	7	1	0
4324	5	4	5	3	6	2	4	4	5	6	2	3	4	1	1	1	9	0	7	9	9	8	1	0
4325	4	5	5	4	4	2	5	5	5	6	3	4	4	1	4	1	6	0	9	9	9	7	1	0
4326	4	4	4	4	4	3	4	4	5	5	3	4	5	1	4	1	6	0	6	9	9	9	1	0
4327	4	4	4	6	4	3	5	4	4	5	2	4	4	1	4	1	6	0	9	8	9	8	1	0
4328	5	4	4	4	5	2	4	4	5	6	3	2	3	1	2	1	7	0	6	8	9	9	1	0
4329	4	3	4	4	5	3	5	5	5	6	2	1	3	1	3	1	8	0	6	8	9	9	1	0
4330	4	5	4	5	5	2	5	6	6	5	2	5	3	2	4	3	8	0	9	9	9	8	1	0
4331	4	4	4	4	4	2	4	4	5	6	3	2	3	1	3	1	9	0	9	9	9	9	1	0
4332	3	2	4	4	4	3	7	7	4	6	3	3	5	1	2	1	9	0	9	9	9	9	1	0
4333	4	4	4	3	7	2	5	5	5	6	2	2	4	1	2	1	8	0	9	9	9	9	1	0
4334	3	3	4	4	6	2	5	5	5	6	2	2	4	1	3	1	9	0	9	8	9	9	1	0
4335	4	3	4	4	5	3	5	5	5	6	2	2	4	1	3	1	9	0	7	8	9	9	1	0
4336	5	4	5	4	5	3	5	6	6	6	3	2	4	1	2	1	7	0	6	9	9	8	1	0
4337	4	4	4	4	5	2	5	4	4	5	3	4	4	1	4	1	7	0	7	8	9	7	1	0
4338	4	4	4	4	4	2	5	5	5	5	2	5	5	1	4	1	6	0	9	9	9	7	1	0
4339	3	2	4	4	3	3	5	5	4	6	4	3	5	1	2	1	9	0	9	9	9	9	1	0
4340	4	4	4	4	5	3	5	5	4	5	2	4	5	1	2	1	9	0	6	9	9	9	1	0
4341	5	5	4	5	5	3	4	4	4	5	2	4	4	1	4	3	9	0	6	9	9	9	1	0
4342	4	4	4	4	4	2	4	4	5	5	3	4	4	1	4	1	9	0	6	9	9	9	1	0
4343	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	8	0	0	9	0	0	0	0
4344	4	3	4	6	5	3	5	4	4	5	2	4	3	1	4	1	9	0	6	9	9	9	1	0
4345	5	5	4	5	5	3	6	5	3	5	2	4	4	1	2	1	9	0	6	9	9	9	1	0
4346	4	3	4	4	6	3	4	4	4	5	2	4	4	1	2	1	9	0	7	9	9	8	1	0
4347	4	1	4	5	6	3	5	4	3	5	2	5	5	1	2	1	9	0	7	9	9	6	1	0
4348	4	4	4	5	4	3	4	4	5	5	2	4	5	1	2	1	7	0	7	9	9	4	1	0
4349	5	5	4	5	4	3	5	4	4	5	3	4	4	1	2	3	8	0	7	9	9	9	1	0
4350	4	4	4	4	4	3	4	4	4	5	3	3	4	1	4	1	8	0	6	9	9	9	1	0
4351	5	5	4	6	5	4	5	4	3	5	2	4	5	1	4	1	8	0	6	9	9	9	1	0
4352	4	4	4	6	4	3	5	4	3	4	3	5	5	1	4	1	9	0	6	9	9	9	1	0
4353	5	4	4	6	6	3	3	3	5	4	2	4	4	1	2	1	9	0	6	9	9	9	1	0
4354	4	4	4	4	5	3	4	4	5	5	2	4	3	1	2	1	8	0	6	9	9	8	1	0
4355	4	4	4	5	4	3	3	3	4	4	3	5	4	1	2	1	6	0	6	9	9	9	1	7
4356	4	4	4	5	5	4	5	3	5	5	5	4	4	1	2	1	9	0	5	9	9	9	1	0
4357	5	5	4	4	5	3	5	4	4	5	3	5	3	1	2	1	9	0	6	8	9	9	1	0
4358	4	4	4	5	8	4	3	3	5	4	2	4	5	1	4	1	8	0	6	9	9	8	1	0
4359	4	4	4	5	5	4	5	4	3	5	2	4	4	1	4	1	8	0	6	9	9	9	1	0
4360	4	3	4	4	6	3	1	1	4	3	2	4	5	1	2	1	6	0	7	9	9	4	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
4361	4	3	4	4	4	2	5	5	4	5	3	4	6	1	2	1	8	0	6	9	9	9	1	0
4362	4	3	4	3	8	3	4	4	4	5	3	4	3	1	1	1	8	0	6	8	8	7	1	0
4363	4	3	4	2	5	3	5	5	4	5	3	4	5	1	1	1	9	0	6	9	9	9	1	0
4364	4	3	4	5	5	3	4	3	4	4	2	5	5	1	2	1	6	0	6	6	9	9	1	0
4365	4	3	4	4	4	2	4	4	4	5	2	4	3	1	1	1	9	0	6	8	9	9	1	0
4366	4	3	4	5	3	2	3	3	5	4	3	4	5	1	1	1	9	0	6	9	9	9	1	0
4367	4	3	4	5	6	4	5	4	3	5	2	3	5	1	2	1	6	0	6	9	9	9	1	5
4368	4	4	4	4	5	2	2	3	5	5	3	4	3	1	2	1	8	0	6	9	9	8	1	0
4369	4	4	4	5	4	2	4	4	4	5	3	4	4	1	1	1	8	0	6	7	9	8	1	0
4370	4	4	4	4	5	4	3	4	5	4	4	4	3	1	2	1	7	0	7	6	9	8	1	0
4371	4	4	4	5	5	4	3	3	4	4	3	4	4	1	4	3	9	0	6	8	9	8	1	0
4372	4	4	4	5	6	4	4	4	4	5	3	4	5	1	4	3	9	0	6	8	9	8	1	0
4373	4	4	4	4	5	3	3	4	5	5	2	4	4	1	1	1	8	0	6	7	9	9	1	0
4374	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
4375	5	5	4	4	6	3	3	3	4	5	4	3	4	1	4	1	9	0	6	8	9	9	1	6
4376	4	4	4	6	6	3	4	4	4	3	6	5	4	1	4	1	9	0	6	9	9	9	1	0
4377	4	4	4	3	5	2	3	3	4	5	5	3	4	1	2	1	7	0	7	9	9	8	1	0
4378	5	4	4	5	6	4	4	4	4	4	4	5	4	1	2	1	9	0	6	9	9	9	1	2
4379	5	5	4	4	5	3	4	4	5	5	7	4	3	1	1	1	8	0	6	9	9	9	1	0
4380	5	5	4	4	3	3	3	3	5	5	5	4	3	1	1	1	8	0	6	9	9	9	1	0
4381	4	3	4	5	6	3	3	3	4	2	3	5	4	1	4	1	8	0	6	8	9	9	1	0
4382	4	4	4	4	4	3	4	3	3	3	3	5	4	1	4	1	9	0	5	6	9	9	1	0
4383	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
4384	4	5	4	5	8	4	4	4	4	7	2	0	4	1	4	1	9	0	6	9	9	9	1	0
4385	4	3	4	6	5	3	4	3	3	2	2	6	5	1	2	2	9	0	6	9	9	8	1	0
4386	4	3	4	5	4	3	4	3	3	3	3	5	4	1	4	1	9	0	6	9	8	9	1	0
4387	4	3	4	4	5	3	3	3	4	4	3	4	5	1	2	1	7	0	6	9	9	9	1	0
4388	5	6	4	5	6	4	4	3	4	5	2	4	4	1	2	1	9	0	6	7	9	9	1	0
4389	4	3	4	4	5	4	3	3	4	4	4	5	4	1	4	1	8	0	6	9	9	9	1	0
4390	5	5	4	5	4	3	4	4	4	4	4	5	3	1	2	1	9	0	6	9	9	9	1	1
4391	5	5	4	5	6	4	4	3	4	4	3	4	3	1	4	1	9	0	5	9	9	8	1	0
4392	5	4	4	5	5	4	3	3	4	5	3	3	4	1	2	1	8	0	6	8	9	9	1	3
4393	4	4	4	5	5	3	3	3	4	3	2	5	4	1	4	1	9	0	6	9	9	9	1	0
4394	5	4	4	4	5	3	3	3	4	4	2	4	4	1	4	1	8	0	6	9	9	8	1	0
4395	4	4	4	4	4	2	1	2	5	4	3	4	4	1	1	1	8	0	6	9	9	7	1	0
4396	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
4397	4	4	4	5	3	3	5	4	3	3	5	5	4	1	4	1	8	0	6	8	9	8	1	0
4398	4	4	4	5	4	3	3	2	4	4	2	4	5	1	2	3	8	0	7	8	9	9	1	0
4399	4	3	4	5	5	3	4	3	4	5	3	4	5	1	2	1	9	0	6	7	8	9	1	0
4400	4	3	4	4	5	2	3	3	5	4	1	4	2	1	4	1	9	0	6	9	9	8	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
4401	4	3	4	4	8	3	4	3	4	5	2	4	4	1	4	1	9	0	6	9	9	9	1	0
4402	5	5	4	5	4	3	4	4	4	4	4	5	2	1	2	1	9	0	6	4	9	9	1	0
4403	4	5	4	5	5	3	4	3	4	4	4	5	6	1	1	1	8	0	6	8	9	7	1	0
4404	5	5	4	5	5	3	5	5	4	5	3	5	4	1	2	1	8	0	6	9	9	9	1	0
4405	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	8	0	0	0	0	0	0	0
4406	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	8	0	0	0	0	0	0	0
4407	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
4408	4	4	4	5	4	3	4	4	4	5	2	4	4	1	1	1	8	0	6	9	9	5	1	0
4409	5	5	4	4	4	3	4	4	4	5	2	4	2	1	2	1	8	0	6	8	9	9	1	3
4410	4	4	4	4	6	2	5	4	4	5	3	4	4	1	2	1	8	0	7	9	9	5	1	0
4411	4	3	4	4	6	2	3	3	4	4	3	4	4	1	2	1	9	0	6	9	9	8	1	0
4412	4	5	4	5	6	4	2	3	5	4	5	3	3	1	4	1	9	0	6	9	9	9	1	0
4413	4	4	4	3	6	3	3	3	4	5	2	3	3	1	1	1	8	0	6	8	9	5	1	0
4414	4	4	4	4	6	3	3	3	4	4	3	4	4	1	1	1	9	0	5	9	9	5	1	0
4415	4	3	4	4	6	3	4	3	4	5	2	4	4	1	1	1	9	0	6	9	9	7	1	0
4416	5	5	4	4	6	4	5	5	4	5	3	4	5	1	2	1	9	0	6	7	9	9	1	0
4417	4	4	4	4	5	3	4	3	4	5	2	4	3	1	1	1	8	0	7	9	9	7	1	0
4418	4	4	4	4	5	3	4	4	5	5	3	4	5	1	4	1	8	0	9	7	9	8	1	0
4419	5	6	4	6	4	3	4	4	4	4	3	5	5	2	4	1	8	0	9	9	9	6	1	0
4420	4	4	5	3	6	3	3	4	5	5	3	3	4	1	2	1	9	9	9	9	9	8	1	0
4421	5	6	4	4	4	3	4	4	5	3	3	6	5	2	2	2	3	0	9	8	9	4	1	0
4422	5	5	4	4	4	3	5	5	5	4	4	5	4	2	2	2	7	0	9	9	9	6	1	0
4423	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
4424	5	5	4	3	5	3	4	4	5	3	3	0	4	2	2	2	4	0	9	8	9	5	1	0
4425	4	4	4	2	5	2	4	4	5	4	3	5	5	2	2	2	8	0	9	9	9	6	1	0
4426	4	4	4	4	4	3	3	3	5	4	4	5	3	1	2	1	9	0	9	8	9	7	1	0
4427	5	4	4	2	5	2	3	3	4	4	2	4	4	1	4	1	9	0	9	9	9	6	1	0
4428	4	4	4	3	5	3	3	3	4	4	3	5	3	2	4	2	7	0	9	8	9	6	1	0
4429	4	4	4	2	6	3	3	3	5	3	2	5	2	1	4	1	7	0	9	8	9	5	1	0
4430	5	4	5	2	6	3	3	4	6	4	3	5	2	1	4	3	6	0	7	8	9	4	1	0
4431	4	4	4	4	6	3	4	4	4	4	2	5	5	2	4	3	6	0	7	8	9	5	1	0
4432	4	3	4	3	5	3	4	4	4	4	3	5	4	1	4	3	7	0	7	8	9	9	1	0
4433	5	5	4	3	5	2	4	4	5	4	3	5	4	1	4	1	7	0	7	8	9	4	1	0
4434	4	4	4	3	5	2	4	3	4	5	3	4	5	1	4	1	7	0	7	6	9	8	1	0
4435	4	4	4	4	6	2	3	3	5	4	2	5	5	1	1	1	7	0	9	8	9	8	1	0
4436	6	6	5	3	5	2	3	6	8	6	3	2	4	1	2	1	9	0	9	8	9	8	1	0
4437	4	3	5	1	5	2	3	4	6	6	3	1	5	1	3	1	9	0	9	8	9	9	1	0
4438	4	4	4	2	6	2	2	3	5	5	3	2	3	1	2	1	7	0	9	8	9	9	1	0
4439	4	4	4	2	6	2	3	4	5	5	4	3	3	1	2	1	7	0	9	8	9	9	1	0
4440	4	4	4	4	5	3	4	4	5	5	4	3	4	1	1	1	9	0	6	8	9	9	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GtH	BYD	SYD	HI	S/H	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
4441	4	4	5	5	4	3	4	4	5	6	3	1	3	1	3	1	9	0	9	8	9	9	1	0
4442	4	5	5	6	4	3	5	6	5	6	3	2	4	1	3	1	9	0	9	8	9	9	1	0
4443	4	4	5	5	3	3	4	4	4	6	3	2	4	1	3	1	9	0	6	8	9	9	1	0
4444	4	3	5	3	5	3	3	3	5	5	3	2	4	1	3	1	9	0	9	8	9	9	1	0
4445	4	3	5	2	5	2	1	2	5	5	2	1	4	1	3	1	9	0	9	9	9	9	1	0
4446	3	3	5	2	5	2	4	5	6	6	3	1	4	1	3	1	9	0	7	6	9	9	1	0
4447	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
4448	4	3	5	3	5	2	4	5	5	6	3	1	4	1	3	1	9	0	9	8	9	9	1	0
4449	4	3	4	3	5	2	3	2	4	4	2	4	4	1	4	1	9	0	6	6	9	8	1	0
4450	4	3	4	2	6	2	4	4	4	6	2	2	4	1	3	1	9	0	9	9	9	9	1	5
4451	4	3	5	2	5	2	2	5	7	6	3	1	4	1	2	1	9	0	7	8	9	9	1	0
4452	4	3	5	3	5	3	4	4	4	6	2	2	5	1	3	1	9	0	6	9	9	9	1	0
4453	4	4	4	4	5	3	3	3	4	4	3	4	5	1	4	1	9	0	6	9	9	9	1	0
4454	5	4	4	4	5	3	4	4	4	4	3	5	4	2	2	1	9	0	5	8	9	7	1	0
4455	4	3	4	2	5	3	3	4	6	5	3	3	4	1	2	1	9	0	9	8	9	9	1	0
4456	4	4	4	2	6	2	5	5	5	5	2	4	6	1	4	1	9	0	7	9	9	9	1	0
4457	4	4	5	3	5	2	3	4	6	6	3	2	4	1	3	1	9	0	7	8	9	9	1	0
4458	4	3	4	4	5	3	5	4	4	5	3	3	5	1	1	1	8	0	7	6	9	8	1	0
4459	4	3	4	4	5	3	4	3	4	5	3	3	4	1	2	1	9	0	7	9	9	8	1	0
4460	5	4	5	4	5	3	4	4	4	5	4	3	4	1	2	1	9	0	7	9	9	8	1	0
4461	4	4	5	2	5	3	3	4	6	6	4	2	3	1	2	1	9	0	9	9	9	8	1	0
4462	4	5	5	4	5	3	5	6	5	5	3	3	2	1	3	1	9	0	9	8	9	9	1	0
4463	3	2	4	3	6	3	3	3	4	5	3	3	4	1	4	1	9	0	9	9	9	9	1	0
4464	4	5	4	2	6	3	3	4	5	5	5	2	4	1	2	1	9	0	9	9	9	8	1	0
4465	4	4	4	2	6	2	3	3	5	5	4	3	4	1	2	1	9	0	7	8	9	9	1	0
4466	4	4	5	4	5	3	3	4	5	6	4	2	5	1	3	1	9	0	7	8	9	9	1	0
4467	5	5	4	4	7	4	3	3	4	5	2	3	3	1	2	1	9	0	7	8	9	9	1	0
4468	4	3	4	4	5	3	3	3	4	4	3	4	3	1	2	1	9	0	9	8	9	9	1	0
4469	4	3	4	4	5	3	4	4	4	4	3	5	3	1	4	1	9	0	7	9	9	9	1	0
4470	4	3	4	4	5	3	4	3	3	5	3	4	5	1	4	1	9	0	9	8	9	9	1	0
4471	4	3	4	2	4	3	3	3	5	5	3	4	4	1	4	1	9	0	9	8	9	9	1	0
4472	4	4	4	5	4	4	4	4	4	5	2	4	5	1	4	1	9	0	9	8	9	9	1	0
4473	4	3	4	3	5	4	3	3	4	5	4	3	5	1	2	1	9	0	9	9	9	9	1	0
4474	4	3	4	4	6	3	4	3	4	5	4	3	4	1	4	3	9	0	9	9	9	9	1	0
4475	4	4	5	6	4	4	7	7	3	6	2	4	6	1	3	3	9	0	9	8	9	9	1	0
4476	4	4	4	4	5	4	4	3	3	5	2	4	4	1	2	3	9	0	7	9	9	9	1	0
4477	4	3	4	4	5	3	2	2	4	4	3	3	4	1	4	1	9	0	9	9	0	9	1	0
4478	4	4	4	3	5	4	4	3	4	5	3	3	3	1	4	1	9	0	9	8	9	9	1	0
4479	4	3	4	4	4	3	3	2	4	5	2	3	4	1	4	1	9	0	9	8	9	9	1	0
4480	5	5	4	4	5	3	3	3	4	4	2	4	3	1	4	1	9	0	9	9	9	9	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	ID	HER
4481	4	3	4	5	4	3	4	3	4	5	2	4	4	1	4	1	9	0	9	7	9	9	1	0
4482	4	4	4	5	4	3	4	4	4	5	3	3	4	1	4	1	9	0	9	9	9	9	1	0
4483	4	4	4	4	4	4	4	4	4	5	2	4	4	1	2	1	9	0	9	9	9	9	1	0
4484	4	4	4	4	4	4	3	3	4	5	3	3	3	1	2	3	9	0	9	9	9	9	1	0
4485	4	4	4	4	5	3	5	4	4	5	4	3	4	1	4	1	9	0	9	9	9	9	1	0
4486	4	4	4	5	4	3	5	5	4	6	2	3	4	1	4	1	9	0	7	8	9	9	1	0
4487	4	3	4	4	4	3	4	4	4	5	2	4	4	1	4	1	9	0	9	9	9	9	1	0
4488	4	4	4	4	4	4	4	4	4	5	2	4	4	1	4	1	9	0	9	9	9	9	1	0
4489	4	3	4	5	4	3	5	4	4	5	3	3	4	1	4	1	9	0	6	9	9	9	1	0
4490	4	4	4	5	4	3	4	4	5	5	2	4	4	1	3	3	9	0	6	8	9	9	1	6
4491	4	3	4	4	4	3	5	4	4	5	3	4	2	1	4	1	9	0	9	9	9	9	1	0
4492	4	4	4	4	4	3	4	4	4	5	2	4	3	1	2	1	9	0	9	9	9	9	1	6
4493	4	4	4	4	4	3	4	4	4	5	2	4	5	1	4	1	9	0	9	8	9	9	1	0
5342	4	4	4	6	3	2	6	6	4	5	3	5	0	1	2	1	7	0	7	9	9	9	1	0
5343	4	5	4	6	2	3	5	5	4	6	2	3	0	1	1	1	7	0	7	9	9	8	1	5
5344	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
5345	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
5346	4	5	4	6	3	3	6	6	4	5	2	4	0	1	4	1	6	0	6	9	9	9	1	6
5347	4	4	4	5	2	2	4	5	5	5	3	4	0	1	4	1	7	0	7	9	9	9	1	5
5348	4	4	5	5	2	2	5	5	5	5	3	4	0	1	4	1	7	0	8	9	9	9	1	5
5349	4	4	4	5	2	2	4	4	5	5	2	3	0	1	1	1	7	0	6	9	9	9	1	0
5350	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
5351	5	5	5	5	3	2	5	5	6	5	2	5	0	1	2	1	7	0	5	9	9	5	1	5
5352	5	4	4	6	3	2	6	5	4	6	2	3	0	1	1	1	7	0	6	9	9	8	1	5
5353	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	9	0	5
5354	4	4	4	6	3	3	5	5	5	5	3	5	0	1	2	1	8	0	7	9	9	9	1	0
5355	4	4	4	6	3	3	6	6	5	5	5	5	0	1	1	1	8	0	8	9	9	9	1	5
5356	4	4	5	6	2	3	6	6	6	6	3	5	0	1	2	1	9	0	7	9	9	9	1	0
5357	4	3	5	5	3	3	4	0	0	7	4	2	0	1	4	1	9	0	9	9	9	9	1	0
5358	2	2	5	6	2	3	5	6	6	6	3	2	0	1	2	1	8	0	9	9	8	9	1	0
5359	2	2	5	6	2	3	5	6	6	6	3	2	0	1	4	1	9	0	7	9	9	9	1	0
5360	3	1	5	6	2	3	4	5	6	6	3	2	0	1	2	1	8	0	9	9	9	9	1	5
5361	3	1	5	5	4	3	5	5	5	6	3	2	0	1	2	1	8	0	9	9	9	9	1	0
5362	3	1	5	6	3	3	5	5	5	6	3	2	0	1	2	1	8	0	8	9	9	9	1	0
5363	3	1	5	6	2	3	3	4	5	6	3	2	0	1	4	1	8	0	8	9	9	9	1	0
5364	3	1	5	6	2	3	4	5	6	6	3	2	0	1	2	1	8	0	7	9	9	0	1	0
5365	3	2	4	6	2	3	6	5	6	6	3	2	0	1	4	1	8	0	8	9	9	9	1	0
5366	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
5367	3	2	4	6	2	3	5	5	5	6	3	3	0	1	2	1	8	0	7	9	9	9	1	0
5368	3	2	4	7	2	3	5	5	5	6	3	2	0	1	2	1	8	0	8	9	9	9	1	7

ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CN	COL	IDC	HER
5558	4	4	4	5	6	3	3	3	5	5	2	4	3	1	4	3	9	0	7	9	9	9	1	5
5559	5	5	4	6	5	4	5	5	4	5	3	4	3	1	4	3	9	0	6	9	9	9	1	7
5560	4	3	4	4	6	3	4	4	5	4	3	5	2	1	7	3	9	0	6	9	9	9	1	1
5561	4	4	4	5	4	3	4	4	5	5	3	5	3	1	2	3	8	0	7	9	9	9	1	2
5562	4	4	4	5	5	3	4	4	5	4	3	5	2	1	4	1	9	0	6	9	9	9	1	5
5563	4	4	4	5	5	4	5	5	4	5	3	4	4	1	4	1	8	0	6	9	9	9	1	4
5564	5	5	4	5	5	4	5	6	6	6	3	4	5	1	4	1	8	0	7	9	9	9	1	3
5565	5	5	5	4	5	4	5	4	4	5	3	4	5	1	4	1	9	0	6	9	9	9	1	2
5566	5	5	4	6	4	4	5	4	3	5	3	4	5	1	2	1	9	0	5	9	9	9	1	3
5567	5	5	4	6	5	4	4	4	4	5	3	4	4	1	2	3	9	0	7	9	9	9	1	5
5568	4	4	5	5	6	4	5	5	4	5	3	5	4	1	4	1	8	0	6	9	9	9	1	5
5569	5	5	4	5	6	4	4	4	4	4	3	4	3	1	2	1	9	0	7	9	9	9	1	5
5570	4	4	4	4	5	4	4	3	4	5	3	4	4	1	2	3	8	0	7	9	9	9	1	5
5571	4	4	5	5	5	4	5	5	4	5	3	4	4	1	2	3	8	0	6	9	9	9	1	0
5572	4	4	4	5	6	4	5	5	4	5	3	4	4	1	2	3	9	0	6	9	9	9	1	6
5573	5	5	4	4	6	4	4	5	5	5	3	4	4	1	2	3	9	0	6	9	9	9	1	0
5574	4	3	4	5	5	3	4	4	4	4	3	5	5	1	4	1	9	0	5	9	9	8	1	0
5575	4	3	4	6	4	3	5	5	4	5	3	5	4	1	4	1	9	0	6	9	9	9	1	0
5576	4	4	4	5	5	3	5	5	4	5	3	4	4	1	2	3	9	0	6	8	9	9	1	0
5577	3	5	4	6	5	4	5	4	4	5	3	4	4	1	2	1	9	0	6	9	9	9	1	8
5578	5	4	4	5	4	4	4	4	4	5	3	5	3	1	4	1	9	0	5	9	9	9	1	6
5579	4	4	4	5	5	4	4	4	4	4	3	5	4	1	4	1	8	0	6	9	9	9	1	0
5580	4	4	4	6	4	3	4	4	4	4	3	5	4	1	2	1	8	0	5	9	9	9	1	0
5581	5	5	4	7	4	3	5	4	4	5	3	5	3	1	4	3	9	0	6	9	9	8	1	0
5582	5	6	4	7	3	3	5	5	4	5	4	5	4	1	4	1	9	0	6	9	9	9	1	0
5583	4	4	4	6	4	3	5	4	4	4	3	5	4	1	2	3	8	0	5	9	9	9	1	0
5584	5	4	4	5	5	3	5	4	4	5	4	4	4	1	2	3	9	0	6	9	9	9	1	0
5585	5	5	4	6	5	4	5	5	4	5	4	5	3	1	2	1	9	0	5	9	9	9	1	0
5586	5	6	5	4	5	3	3	3	5	3	2	5	4	2	2	2	3	0	6	9	9	8	1	0
5587	5	5	4	3	5	3	4	4	5	4	5	5	3	1	1	1	8	0	6	9	9	9	1	0
5588	5	5	4	5	4	3	4	5	5	5	3	5	4	1	2	1	8	0	6	9	9	9	1	0
5589	5	5	4	6	4	3	5	5	5	5	3	4	4	1	2	1	7	0	6	9	9	8	1	0
5590	5	5	4	3	5	2	4	5	5	4	3	5	4	1	1	1	7	0	6	9	9	9	1	0
5591	4	4	4	5	5	3	6	5	3	4	3	5	4	1	2	1	8	0	5	9	9	5	1	0
5592	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	6	0	0	0	0	0
5593	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	5	9	9	5	0	0
5594	4	4	4	5	5	3	5	5	4	4	2	5	5	1	1	1	7	0	4	9	9	5	1	0
5595	4	4	4	4	5	3	4	4	5	5	3	4	4	1	4	1	7	0	6	9	9	6	1	0
5596	4	6	4	7	4	3	6	5	4	3	3	6	4	1	2	2	9	0	6	9	9	8	1	0
5597	4	4	4	6	4	3	6	5	4	4	3	5	4	1	2	1	8	0	7	9	9	5	1	0

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ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	ESW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
5598	4	4	4	5	5	3	4	4	4	4	3	4	3	1	1	1	7	0	7	8	9	9	1	5
5599	4	4	4	4	5	3	5	5	5	5	3	4	3	1	2	1	7	0	7	9	9	9	1	0
5600	4	5	4	7	3	3	6	6	4	4	2	6	4	1	4	1	7	0	5	9	9	4	1	0
5601	4	4	4	6	4	3	6	5	4	4	2	5	3	1	4	1	7	0	6	9	9	4	1	0
5602	4	5	4	6	4	3	6	6	4	5	2	5	4	1	2	1	7	0	6	9	9	6	1	5
5603	4	6	4	6	4	3	6	6	5	6	3	4	5	1	2	3	8	0	7	8	9	9	1	6
5604	4	5	4	4	4	3	5	5	5	6	3	3	4	1	1	1	7	0	6	9	9	8	1	2
5605	4	4	4	6	4	3	6	6	4	5	2	5	5	1	4	1	7	0	6	9	9	5	1	2
5606	4	4	4	6	4	3	6	5	4	5	2	5	5	1	1	1	7	0	6	9	9	4	1	2
5607	4	4	4	5	5	3	6	5	4	4	1	5	5	1	1	1	8	0	6	9	9	5	1	3
5608	4	4	4	6	4	3	6	5	4	4	1	5	5	1	1	1	7	0	5	9	9	4	1	2
5609	4	4	4	6	4	3	6	5	3	4	3	6	5	1	4	1	8	0	5	9	9	4	1	2
5610	4	4	4	5	5	3	6	6	5	5	3	5	5	1	2	3	8	0	5	8	9	9	1	5
5611	4	5	4	5	5	3	6	6	6	6	3	5	4	1	2	3	9	0	7	8	9	9	1	4
5612	4	4	4	6	4	3	6	6	4	5	1	5	5	1	4	1	7	0	6	9	9	5	1	0
5613	4	4	4	5	4	3	6	6	5	6	3	5	5	1	2	3	8	0	6	8	9	9	1	0
5614	4	4	4	6	3	3	7	6	4	5	1	0	5	1	4	1	8	0	5	9	9	6	1	0
5615	5	4	4	6	4	3	6	6	4	5	2	5	5	1	2	1	7	0	5	9	9	4	1	0
5616	4	4	4	5	4	3	6	5	4	5	2	5	5	1	2	1	7	0	5	9	9	5	1	0
5617	4	5	4	4	5	3	5	5	4	6	3	3	5	1	2	1	7	0	6	9	9	9	1	5
5618	5	4	4	7	3	3	6	6	4	4	2	6	6	1	2	1	8	0	5	9	9	5	5	0
5619	5	4	4	6	3	3	6	6	4	5	2	5	5	1	2	1	8	0	6	9	9	4	1	0
5620	4	4	4	7	3	3	7	7	8	6	2	6	5	1	2	1	9	0	5	9	9	9	1	0
5621	4	4	4	7	3	3	6	6	4	4	2	6	5	1	4	1	9	0	5	9	8	9	5	7
5622	5	5	4	7	3	3	7	6	5	5	3	6	5	1	4	1	9	0	6	9	9	9	1	0
5623	4	4	4	5	4	3	6	6	4	5	2	0	5	1	2	1	8	0	6	8	9	5	1	0
5624	4	5	4	7	3	3	7	6	4	4	1	6	4	1	4	1	9	0	5	9	9	9	5	0
5625	5	5	4	7	2	3	6	6	4	4	1	6	5	1	4	1	9	0	6	9	9	7	1	0
5626	5	5	4	7	3	3	7	7	4	5	1	6	5	1	2	1	8	0	6	9	9	7	5	0
5627	4	5	4	7	3	3	7	6	4	4	2	6	5	1	4	1	9	0	6	9	9	7	5	5
5628	4	4	4	6	3	3	6	6	5	5	2	6	5	2	4	2	9	0	6	8	8	7	1	0
5629	4	4	4	7	3	3	6	6	4	5	3	5	5	1	2	1	7	0	5	9	9	5	1	0
5630	4	4	4	5	4	3	5	5	5	6	3	4	4	1	2	1	8	0	6	9	9	8	1	1
5631	4	3	4	4	4	3	5	5	4	6	2	3	4	1	2	1	8	0	6	8	9	9	1	1
5632	5	4	4	5	5	3	6	6	6	6	3	4	4	1	2	1	9	0	5	9	9	9	1	6
5633	4	4	4	5	4	3	6	6	4	6	3	4	5	1	2	3	8	0	7	8	9	9	1	2
5634	4	4	4	6	4	3	6	6	4	5	2	5	6	1	1	1	7	0	6	9	9	4	1	1
5635	4	6	4	7	4	3	5	5	4	3	2	6	7	1	4	1	9	0	5	9	9	9	1	8
5636	5	5	4	7	3	3	6	6	3	3	1	6	6	1	2	1	9	0	5	9	9	9	1	5
5637	5	5	4	7	3	3	6	6	4	3	2	6	6	1	4	1	9	0	6	9	9	9	5	6



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
5638	4	4	4	6	4	3	6	5	3	4	2	0	6	1	1	1	7	0	5	9	9	4	1	4
5639	4	4	4	5	4	3	5	4	4	4	2	5	6	1	1	1	7	0	6	9	9	4	1	2
5640	4	4	4	4	5	3	5	4	3	4	3	5	6	1	1	1	8	0	7	9	9	9	1	5
5641	4	4	4	5	4	3	6	5	3	4	2	5	7	1	1	1	9	0	5	9	9	5	1	7
5642	4	4	4	7	3	3	6	6	3	4	2	6	7	1	4	1	9	0	5	9	9	7	1	^
5643	4	4	4	8	2	3	6	6	4	4	2	6	7	1	4	1	9	0	5	9	9	7	1	0
5644	5	5	4	7	4	3	7	6	4	4	2	6	7	1	2	1	9	0	6	9	9	8	5	C
5645	4	5	4	6	4	3	6	6	4	5	1	5	7	1	2	1	8	0	6	9	9	9	1	6
5646	4	4	4	7	3	3	7	7	4	5	2	6	6	1	4	1	9	0	5	9	9	6	1	0
5647	5	5	4	7	3	3	7	7	4	5	2	6	4	1	2	1	9	0	5	9	9	9	1	0
5648	4	4	4	6	3	3	6	5	3	5	1	5	6	1	1	1	7	0	8	9	9	5	1	0
5649	4	4	4	6	3	3	6	5	4	5	1	5	6	1	1	1	7	0	6	9	9	5	1	0
5650	5	5	4	7	2	3	7	6	3	4	2	6	6	1	2	1	9	0	6	9	9	8	1	0
5651	5	6	4	7	3	3	6	6	4	5	2	6	5	1	1	1	7	0	5	9	9	4	1	0
5652	4	4	4	6	4	3	6	5	4	4	2	5	6	1	1	1	7	0	5	9	9	4	1	5
5653	4	5	4	8	3	3	7	7	4	4	2	6	6	2	2	2	9	0	6	9	9	7	1	0
5654	4	4	4	7	3	3	7	7	3	5	2	6	6	2	4	2	9	0	6	9	9	7	1	7
5655	4	4	4	6	4	3	6	6	4	5	2	5	6	1	1	1	8	0	5	9	9	5	1	5
5656	4	4	4	7	3	3	6	6	5	5	2	5	7	1	1	1	8	0	6	9	9	9	1	0
5657	4	3	4	6	4	3	6	6	4	5	2	5	6	1	2	3	8	0	6	9	8	8	1	3
5658	4	4	4	6	3	3	7	6	3	5	2	5	6	1	1	1	7	0	6	9	9	4	1	2
5659	5	4	4	6	4	3	6	5	3	5	2	5	7	1	1	1	7	0	6	9	9	5	1	5
5660	4	5	4	6	3	3	6	6	4	5	2	5	6	1	2	1	7	0	6	9	9	5	1	5
5661	5	5	4	6	3	3	6	6	3	5	2	5	6	1	2	1	7	0	5	9	9	4	1	3
5662	5	4	4	7	3	3	6	7	8	6	2	0	6	1	2	1	7	0	6	8	9	4	1	4
5663	4	4	4	6	4	3	6	5	3	4	2	6	6	1	2	1	7	0	6	9	9	4	1	3
5664	4	4	4	6	4	3	6	5	3	4	1	5	6	1	1	1	7	0	5	9	9	6	1	5
5665	4	5	4	6	3	3	6	5	4	4	1	5	6	1	1	1	7	0	5	9	9	7	1	5
5666	4	4	4	6	4	3	6	6	3	5	2	5	6	1	1	1	7	0	6	9	9	5	1	0
5667	4	4	4	6	3	3	6	5	3	5	1	5	7	1	2	1	8	0	5	9	9	4	1	0
5668	4	4	4	6	3	3	6	6	3	5	1	5	6	1	1	1	7	0	5	9	9	4	1	0
5669	4	4	4	7	3	3	6	5	4	5	1	5	7	1	2	1	7	0	6	9	9	5	1	5
5670	5	5	4	7	3	3	6	6	4	5	2	5	6	1	2	1	7	0	6	9	9	6	1	5
5671	4	4	4	7	3	3	6	5	3	4	1	0	6	1	2	1	7	0	6	9	9	4	1	0
5672	4	5	^	6	4	3	6	5	3	5	1	5	6	1	2	1	7	0	6	9	9	5	1	0
5673	4	5	4	7	2	3	7	7	5	4	1	6	6	2	2	2	9	0	6	9	9	8	1	5
5674	4	5	4	7	3	3	6	5	4	4	2	5	5	1	1	1	6	0	5	9	9	4	1	0
5675	4	4	4	7	3	3	6	6	3	4	2	0	5	1	2	1	7	0	5	9	9	6	1	5
5676	4	4	4	5	4	3	5	5	4	4	2	5	5	1	2	1	7	0	6	9	9	5	1	5
5677	4	4	4	6	4	3	5	4	4	5	3	3	6	1	1	1	6	0	6	9	9	9	1	5

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ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
5678	4	5	4	7	3	3	6	6	3	4	1	6	6	2	4	2	9	0	6	9	9	7	1	0
5679	4	4	4	6	3	3	6	6	4	5	2	5	5	1	1	1	7	0	6	9	9	4	1	0
5680	4	3	4	6	3	3	6	5	3	4	1	6	6	1	4	1	8	0	6	9	9	6	1	0
5681	4	4	4	6	4	3	5	5	4	4	1	5	5	1	1	1	8	0	5	9	9	4	1	0
5682	4	5	5	7	3	3	6	5	3	4	1	6	7	2	4	2	9	0	5	9	9	5	1	0
5683	4	4	4	6	4	3	5	4	3	3	2	5	7	1	1	1	7	0	6	9	9	4	1	0
5684	4	4	4	6	4	3	5	4	3	3	1	6	6	1	4	1	9	0	6	9	9	6	1	5
5685	4	4	4	7	4	3	6	5	3	3	1	6	7	2	4	2	9	0	6	9	9	6	1	5
5686	4	4	4	6	4	3	5	4	3	4	2	5	6	1	1	1	8	0	6	9	9	4	1	4
5687	4	4	5	6	3	3	5	4	2	3	1	6	7	2	4	2	9	0	6	9	9	5	1	3
5688	5	5	5	7	3	3	6	5	3	4	2	0	7	2	4	2	9	0	5	9	9	7	1	3
5689	5	4	5	7	3	3	6	5	3	4	1	6	7	2	4	2	9	0	5	9	9	6	1	5
5690	4	4	4	7	3	3	7	6	3	5	1	6	7	1	4	1	9	0	6	9	9	5	1	3
5691	4	4	4	7	2	3	7	6	3	5	1	6	7	1	4	1	9	0	6	9	9	5	1	4
5692	4	5	4	7	3	3	7	6	3	5	2	6	6	1	4	1	9	0	5	9	9	6	1	2
5693	4	5	4	8	2	3	7	6	4	5	1	6	6	1	4	1	9	0	5	9	9	6	1	3
5694	4	5	4	7	3	3	7	6	4	5	1	6	6	2	4	2	9	0	6	9	9	7	1	5
5695	4	5	4	7	2	3	7	7	4	6	2	6	6	1	4	1	8	0	6	9	9	7	1	5
5696	4	6	4	7	3	3	6	8	8	7	1	6	7	2	4	2	8	0	6	9	8	6	1	5
5697	4	5	4	6	4	3	6	6	3	5	1	5	6	1	1	1	9	0	6	9	9	4	1	5
5698	4	4	4	8	2	3	7	6	3	5	1	6	6	2	4	2	8	0	6	9	9	6	1	0
5699	5	4	4	8	2	3	7	6	3	4	1	6	6	1	4	1	8	0	7	9	9	8	1	0
5700	4	4	4	7	4	3	6	6	4	5	1	5	6	1	1	1	8	0	6	9	9	5	1	0
5701	4	5	4	6	3	3	7	6	4	5	2	5	6	1	1	1	7	0	6	9	9	5	1	0
5702	4	4	4	7	4	3	6	6	4	5	1	5	6	1	1	1	9	0	6	9	9	4	1	0
5703	4	5	4	7	3	3	6	6	3	5	1	5	6	1	1	1	7	0	6	9	9	5	1	0
5704	4	4	4	5	4	3	6	6	5	6	3	4	5	1	2	3	9	0	6	8	9	9	1	0
5705	4	5	5	6	3	3	6	6	4	6	3	4	5	1	1	1	7	0	7	8	9	9	1	0
5706	4	4	4	6	3	3	6	5	4	5	3	5	6	2	4	2	8	0	7	8	9	9	1	0
5707	5	5	5	6	4	3	6	6	5	5	3	5	5	1	3	3	8	0	7	9	9	9	1	0
5708	4	5	5	7	5	3	6	6	5	6	2	4	5	1	2	1	8	0	6	8	9	8	1	0
5709	4	4	4	7	3	3	6	6	4	6	2	4	5	1	2	1	9	0	6	9	9	9	1	0
5710	5	5	4	5	4	3	6	6	4	6	3	4	5	1	2	1	9	0	6	9	9	8	1	0
5711	5	5	4	5	4	2	6	6	4	5	2	5	5	1	2	1	8	0	5	8	9	9	1	0
5712	4	5	4	7	3	3	7	6	4	5	2	0	5	1	2	1	9	0	6	9	9	9	5	5
5713	4	4	4	6	4	3	6	5	4	5	3	5	6	1	2	1	8	0	7	9	9	9	1	5
5714	4	4	4	8	2	3	7	7	5	5	2	6	5	1	2	1	9	0	7	9	9	9	5	6
5715	4	4	4	7	4	3	6	6	4	5	3	5	5	1	2	3	9	0	7	8	9	9	1	5
5716	4	3	4	5	4	3	5	5	4	5	3	5	6	2	2	2	8	0	7	9	9	9	1	0
5717	4	3	4	6	4	3	5	5	4	5	3	4	5	1	2	3	8	0	7	9	9	9	1	5

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
5718	4	4	4	6	3	3	5	5	4	5	2	5	6	-	0	0	8	0	6	9	9	7	5	0
5719	4	5	4	7	3	3	5	5	4	5	2	5	5	1	2	1	9	0	5	9	9	9	5	0
5720	4	5	4	7	3	3	7	7	5	5	2	6	6	1	2	1	9	0	6	9	9	9	9	5
5721	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	9	9	9	0
5722	4	4	4	6	3	3	6	6	4	5	2	5	5	1	2	1	8	0	6	9	9	8	5	0
5723	4	4	4	7	4	2	6	6	4	5	3	6	5	1	?	1	8	0	6	9	9	8	5	5
5724	4	4	4	5	4	3	5	5	4	5	3	5	5	1	1	1	9	0	6	9	9	9	5	5
5725	4	4	5	5	4	3	6	6	6	6	3	5	6	1	4	1	9	0	6	9	9	9	5	5
5726	4	6	4	7	3	3	6	5	4	4	3	6	7	1	4	1	9	0	5	9	9	9	5	0
5727	4	4	4	6	4	3	5	5	4	3	3	6	4	1	2	1	9	0	6	9	9	9	3	5
5728	4	4	4	7	4	3	6	5	4	3	2	6	5	1	4	1	9	0	5	9	9	9	5	6
5729	4	4	4	6	4	2	5	5	4	5	3	5	6	1	1	1	7	0	6	8	9	9	5	0
5730	4	4	5	7	3	3	6	6	4	3	3	6	5	1	2	1	7	0	6	9	9	9	3	0
5731	4	3	5	7	3	3	6	6	4	4	3	6	6	1	2	1	9	0	7	9	9	9	3	0
5732	4	4	4	7	4	3	6	6	4	4	3	6	6	1	4	1	9	0	6	9	9	9	5	5
5733	4	4	5	6	3	3	6	6	5	4	3	6	6	1	2	1	8	0	6	9	9	9	5	5
5734	4	6	5	7	4	3	6	6	4	5	3	0	6	1	2	1	8	0	6	9	9	9	5	5
5735	4	4	5	5	5	3	6	6	5	5	2	5	5	1	2	1	7	0	6	9	9	9	9	0
5736	4	3	5	6	4	3	6	6	5	5	2	5	6	1	2	1	8	0	5	9	9	9	9	0
5737	4	3	5	7	3	3	5	5	4	4	2	6	6	1	2	1	9	0	6	9	9	9	5	5
5738	4	5	5	7	3	3	5	5	4	4	3	6	6	1	2	1	9	0	7	9	9	9	5	5
5739	4	6	5	7	3	3	5	5	4	5	3	5	6	2	1	2	7	0	7	9	9	9	5	0
5740	5	5	4	6	4	3	6	6	5	5	3	5	6	2	1	2	7	0	7	9	9	9	5	5
5741	4	4	4	6	3	3	5	5	4	4	3	5	6	1	2	1	7	0	6	9	9	9	5	5
5742	4	4	4	7	3	3	6	6	4	5	3	5	6	1	2	1	7	0	6	9	9	9	5	5
5743	4	4	4	6	4	3	5	5	4	5	3	5	6	1	1	1	8	0	6	9	9	9	5	5
5744	4	3	4	7	3	3	6	5	4	5	2	5	6	1	1	1	7	0	6	8	9	9	1	5
5745	4	4	4	5	3	3	6	6	4	5	2	5	6	1	1	1	7	0	6	9	8	8	1	0
5746	4	4	4	6	4	3	6	6	4	5	2	5	5	1	1	1	7	0	6	9	9	9	5	0
5747	4	4	4	6	4	3	6	5	4	4	2	0	5	1	2	1	8	0	6	9	9	9	1	5
5748	4	4	4	6	3	3	6	6	4	5	2	5	5	1	1	1	8	0	7	9	9	9	1	0
5749	4	4	5	6	4	3	6	6	5	4	2	6	5	1	2	1	8	0	6	9	9	9	5	0
5750	4	5	4	6	3	3	5	5	4	5	3	5	5	1	1	1	8	0	6	9	8	9	1	0
5751	4	5	4	6	3	3	6	6	4	5	2	6	4	1	2	1	7	0	7	9	9	9	5	7
5752	4	4	5	5	3	3	6	6	4	5	3	5	6	1	2	1	7	0	6	9	9	9	5	0
5753	4	4	5	5	3	3	6	6	5	5	3	5	6	1	1	1	7	0	6	9	9	9	5	0
5754	5	5	5	6	3	3	7	7	4	5	2	6	5	1	2	1	7	0	6	9	9	9	5	0
5755	4	4	4	8	1	3	7	6	5	5	1	6	6	1	2	1	9	0	7	9	9	9	5	0
5756	4	4	5	5	3	3	6	6	4	5	3	5	5	2	1	2	8	0	6	9	9	9	5	5
5757	4	4	4	7	3	3	7	6	4	5	3	6	5	1	2	1	8	0	6	9	9	9	5	5

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ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CW	COL	IDC	HER
5758	4	5	4	7	3	3	6	6	4	5	3	5	6	1	2	1	8	0	7	9	9	9	1	0
5759	4	5	4	7	2	3	7	7	5	5	2	6	5	1	2	1	9	0	6	9	9	9	1	5
5760	4	5	4	7	3	3	6	6	4	4	2	6	5	1	4	1	9	0	6	9	9	9	5	0
5761	4	3	4	6	3	3	6	6	5	5	3	0	5	1	2	1	8	0	6	9	9	9	5	0
5762	4	4	4	5	4	3	5	4	4	5	3	5	3	1	1	1	7	0	6	9	9	9	5	0
5763	4	5	4	6	4	3	5	5	4	4	2	6	3	1	4	1	9	0	6	9	8	9	5	5
5764	4	4	4	6	3	3	5	5	4	3	3	6	4	1	2	1	9	0	6	9	9	9	5	0
5765	4	4	4	5	4	3	5	4	4	4	3	5	4	2	2	3	8	0	6	9	9	9	5	0
5766	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
5767	4	5	4	5	4	3	4	3	4	4	3	5	4	1	4	1	9	0	6	8	9	9	1	0
5768	4	4	4	5	4	3	4	3	3	3	3	5	4	1	2	1	7	0	5	9	9	5	1	0
5769	4	4	4	6	3	3	5	5	4	4	3	5	5	1	2	1	8	0	6	9	9	9	5	0
5770	4	4	4	5	4	3	5	5	4	4	3	5	4	2	4	2	7	0	6	9	9	9	1	0
5771	5	6	5	8	2	3	6	6	4	4	2	6	4	1	4	1	0	0	6	9	0	0	5	0
5772	4	4	4	7	4	3	5	5	4	4	4	5	5	2	4	2	7	0	6	9	9	9	1	0
5773	4	4	4	6	4	3	5	5	4	5	3	5	4	2	4	3	8	0	6	9	9	8	1	0
5774	4	4	4	5	5	3	4	4	4	4	3	5	5	1	1	1	8	0	6	9	9	9	1	0
5775	4	4	4	4	6	3	4	4	5	5	4	3	4	1	2	1	7	0	7	9	8	8	1	0
5776	4	4	4	6	3	3	4	4	4	4	3	5	4	2	4	3	7	0	6	9	8	9	5	6
5777	4	4	4	6	4	2	4	4	4	4	3	5	5	1	4	3	8	0	6	8	9	8	1	0
5778	4	5	4	6	4	3	5	5	4	4	3	5	5	1	2	1	9	0	5	9	9	8	1	0
5779	4	4	4	5	5	3	5	4	4	4	3	5	5	2	4	3	8	0	6	8	9	8	1	0
5780	4	4	4	4	5	3	4	3	4	4	3	4	5	1	1	1	8	0	6	9	9	9	1	0
5781	5	5	4	4	5	3	5	4	4	5	3	4	4	1	1	1	7	0	6	9	9	9	1	0
5782	4	5	5	5	5	3	4	4	5	5	3	3	5	1	1	1	7	0	6	9	9	9	1	0
5783	4	5	4	5	4	3	4	4	5	5	2	4	4	1	1	1	7	0	6	9	9	9	1	0
5784	4	4	4	5	5	3	4	4	5	6	3	2	4	1	2	1	7	0	6	8	9	9	1	0
5785	4	4	5	4	6	3	4	5	5	6	3	2	4	1	2	1	8	0	6	9	9	9	1	0
5786	4	4	4	3	6	3	4	4	4	5	3	2	5	1	2	1	8	0	6	9	9	9	1	5
5787	4	4	4	4	5	3	3	4	5	5	3	4	4	1	1	1	7	0	6	8	9	9	1	5
5788	4	4	4	4	6	2	2	3	5	5	3	4	4	1	2	1	7	0	6	9	9	9	1	0
5789	4	5	4	4	5	3	4	3	4	5	3	4	5	1	1	1	7	0	6	8	9	9	1	5
5790	4	4	4	4	6	2	3	3	5	4	3	4	5	1	1	1	7	0	6	9	9	9	1	0
5791	4	3	4	3	6	3	4	4	4	5	3	4	4	1	2	1	7	0	6	9	9	9	1	0
5792	4	4	4	7	4	3	4	3	3	2	3	0	5	2	4	2	7	0	5	9	9	5	1	0
5793	4	4	4	4	5	2	2	2	4	4	3	4	5	1	4	3	6	0	6	9	9	9	1	0
5794	4	4	4	4	5	3	4	4	5	5	3	4	5	1	4	1	8	0	6	9	9	9	1	0
5795	4	4	4	4	5	2	3	4	5	5	3	4	5	1	2	1	7	0	6	9	9	9	1	0
5796	4	4	4	4	6	3	3	3	4	5	3	3	6	1	2	1	6	0	6	9	9	9	1	5
5797	4	3	4	4	5	3	2	2	5	4	4	3	5	1	4	3	6	0	6	9	9	9	1	5

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
5798	4	3	4	5	5	3	3	4	5	5	3	4	4	1	4	3	9	0	7	8	9	9	1	0
5799	4	4	4	5	6	3	4	4	5	5	3	4	4	1	4	3	8	0	7	9	9	9	1	0
5800	4	4	4	4	5	3	3	3	5	5	3	3	5	1	2	1	6	0	7	9	9	9	1	0
5801	4	6	5	4	4	3	5	4	4	5	3	4	5	1	1	1	9	0	6	9	9	9	1	0
5802	4	5	5	5	4	3	5	5	4	6	3	3	6	1	1	1	9	0	6	9	9	9	1	4
5803	4	5	5	5	4	3	4	4	5	5	3	4	4	1	1	1	8	0	6	9	9	9	1	4
5804	4	4	5	5	5	3	6	5	4	5	4	4	5	1	1	1	7	0	5	8	9	9	1	4
5805	4	4	5	3	5	3	5	5	5	6	3	3	6	1	1	1	7	0	6	9	9	9	1	5
5806	4	4	4	4	5	3	6	5	4	5	4	5	7	1	1	1	7	0	6	9	9	9	1	6
5807	3	4	4	4	4	4	5	5	4	5	3	4	6	1	1	1	8	0	6	9	9	9	1	5
5808	5	5	5	4	4	3	5	4	4	5	3	4	5	1	1	1	7	0	6	9	9	8	1	6
5809	4	5	4	4	4	3	5	6	5	6	6	3	5	1	4	1	7	0	6	9	9	9	1	4
5810	4	3	4	5	4	3	6	5	4	5	3	4	7	1	4	1	7	0	7	9	9	9	1	3
5811	4	5	5	4	4	3	5	5	4	6	3	3	6	1	4	3	8	0	7	9	9	9	1	5
5812	4	5	5	4	4	3	6	6	4	6	3	4	6	1	2	1	7	0	7	9	9	9	1	5
5813	4	4	5	4	4	3	4	4	5	5	3	3	5	1	1	1	8	0	6	9	9	9	1	0
5814	4	5	4	4	4	3	5	5	4	5	3	4	5	1	2	1	8	0	6	9	9	9	1	5
5815	4	5	4	4	5	3	5	4	4	5	3	4	6	1	4	1	6	0	6	9	9	9	1	5
5816	4	6	5	4	4	3	5	5	5	6	3	3	5	1	2	1	7	0	6	9	9	9	1	0
5817	4	6	5	5	4	3	5	5	4	6	3	4	5	1	1	1	8	0	5	9	9	9	1	5
5818	4	5	4	4	4	3	5	5	5	5	2	4	5	1	2	1	8	0	6	9	9	9	1	0
5819	4	5	4	5	4	2	4	3	4	5	3	4	5	1	2	1	8	0	6	9	9	9	1	5
5820	4	4	4	4	4	3	5	4	4	5	3	4	5	1	4	1	8	0	6	9	9	9	1	5
5821	4	4	4	5	5	3	4	4	5	5	3	4	5	1	2	1	9	0	6	9	9	8	1	0
5822	4	6	5	6	3	4	6	6	5	6	3	4	4	1	1	1	8	0	6	9	9	9	1	5
5823	4	5	5	5	4	3	6	6	4	6	3	4	6	1	2	1	8	0	6	9	9	9	1	7
5824	4	5	5	5	4	3	6	6	5	6	3	4	6	1	5	3	7	0	6	9	9	9	1	6
5825	4	5	4	4	4	3	5	5	5	6	3	4	5	1	2	1	9	0	6	8	9	9	1	0
5826	4	5	4	5	4	3	6	5	4	6	3	4	6	1	1	1	7	0	6	9	9	9	1	0
5827	4	6	5	7	5	3	6	6	4	6	3	4	5	1	2	1	8	0	6	9	9	8	1	0
5828	4	5	4	5	4	4	5	5	5	5	2	4	5	1	4	1	8	0	6	9	9	9	1	0
5829	5	5	5	7	4	3	7	6	4	6	2	4	7	1	2	1	8	0	6	9	9	8	1	0
5830	4	3	5	6	4	4	7	7	4	6	3	4	6	1	1	1	8	0	6	9	9	9	1	0
5831	4	3	4	5	4	3	6	5	3	6	2	4	5	1	1	1	8	0	6	9	9	9	1	0
5832	5	5	4	4	4	3	6	6	4	6	3	3	5	1	2	1	7	0	7	9	9	8	1	5
5833	4	4	4	5	5	3	4	4	5	5	3	4	4	1	1	1	8	0	7	9	9	8	1	0
5834	4	4	4	5	4	3	5	5	5	5	3	5	4	1	2	1	7	0	7	9	9	9	1	0
5835	4	4	4	4	4	3	4	4	4	5	3	4	4	1	1	1	7	0	7	9	9	9	1	5
5836	3	3	4	5	4	3	5	5	4	5	3	4	4	1	2	1	8	0	6	8	9	9	1	6
5837	4	4	4	4	5	4	7	7	6	7	3	5	6	1	1	1	9	0	7	9	9	9	1	5

## 352 Catalog of Chickpea Germplasm

	ILC	DAF	FDU	DMA	HGT	CAW	G/H	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
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5839	4	5	5	5	4	3	6	6	5	6	3	4	5	1	1	1	8	0	7	9	9	9	9	1	3
5840	4	4	5	5	4	3	6	6	3	6	2	4	6	1	2	1	9	0	6	9	9	9	9	1	4
5841	4	3	4	5	4	3	6	6	4	6	3	4	6	1	1	1	9	0	6	9	9	9	9	1	4
5842	4	3	4	5	4	3	5	5	4	6	2	4	6	1	2	1	9	0	7	9	9	9	9	1	4
5843	4	3	4	4	5	3	6	6	4	6	3	4	5	1	1	1	9	0	6	9	9	9	9	1	5
5844	4	3	4	3	5	3	5	4	4	5	3	4	5	1	1	1	9	0	6	9	9	9	9	1	5
5845	4	5	4	5	5	3	5	5	5	6	3	4	5	1	2	1	8	0	7	9	9	9	9	1	1
5846	4	4	4	4	4	3	5	5	5	6	2	4	6	1	2	1	8	0	6	8	9	9	9	1	5
5847	4	3	4	5	4	3	6	5	4	6	3	4	6	1	2	1	8	0	6	9	9	9	9	1	5
5848	4	4	4	4	4	3	5	5	4	5	3	4	6	1	1	1	9	0	6	9	9	9	9	1	5
5849	4	4	4	4	5	3	5	5	4	6	2	3	5	1	1	1	9	0	6	9	8	9	9	1	0
5850	4	4	4	5	5	3	7	6	4	6	3	3	6	1	1	1	9	0	6	8	9	9	9	1	0
5851	4	4	5	2	4	3	6	6	5	6	3	4	6	1	1	1	9	0	7	9	9	9	9	1	5
5852	4	5	5	4	4	3	6	6	5	6	3	3	6	1	1	1	9	0	6	9	9	9	9	1	5
5853	4	4	4	6	4	3	6	6	4	6	3	4	6	1	1	1	9	0	6	9	9	9	9	1	6
5854	4	4	4	5	4	3	6	5	4	5	3	4	6	1	4	1	8	0	7	9	9	9	9	1	5
5855	4	5	4	5	4	2	5	4	4	6	3	3	6	1	4	3	8	0	7	8	9	9	9	1	0
5856	4	5	4	6	3	3	5	5	4	5	2	5	6	1	2	1	8	0	6	8	9	9	9	1	5
5857	4	4	4	4	4	3	5	5	4	5	3	4	6	1	2	1	8	0	6	9	9	9	9	1	6
5858	4	5	4	5	4	3	5	5	4	5	3	4	4	1	4	1	9	0	7	9	9	9	9	1	6
5859	4	4	4	5	4	2	5	5	4	6	3	3	6	1	4	3	8	0	7	9	9	9	9	1	6
5860	4	4	4	5	4	2	5	5	5	6	3	2	6	1	4	3	8	0	7	9	9	9	9	1	0
5861	4	4	4	4	4	3	2	5	4	6	3	3	6	1	4	3	8	0	7	9	9	9	9	1	6
5862	4	4	4	5	3	2	5	5	4	6	3	3	6	1	4	3	9	0	7	9	9	9	9	1	6
5863	4	5	4	5	4	2	5	5	4	6	3	2	6	1	4	3	8	0	7	9	9	9	9	1	6
5864	4	4	4	4	4	2	5	5	4	6	3	3	5	1	4	3	8	0	7	8	9	9	9	1	6
5865	5	4	4	5	4	2	4	4	4	6	2	2	5	1	4	3	8	0	6	9	9	9	9	1	3
5866	4	4	4	5	4	2	5	5	4	6	3	2	5	1	4	3	8	0	7	9	9	9	9	1	1
5867	4	4	4	4	4	3	4	4	4	5	3	4	6	1	2	1	5	0	7	9	8	8	8	1	2
5868	4	4	4	5	3	3	4	4	4	5	3	4	5	1	2	1	9	0	7	9	8	8	8	1	8
5869	4	4	4	4	4	3	5	5	4	5	3	4	6	1	2	1	7	0	7	9	8	8	8	1	8
5870	4	4	4	4	4	3	4	4	4	5	3	4	5	1	1	1	6	0	6	9	9	9	9	1	3
5871	4	4	4	4	4	2	3	4	5	5	3	4	4	1	1	1	7	0	6	9	9	9	8	1	2
5872	4	4	4	5	4	3	6	6	4	6	3	4	5	1	1	1	7	0	6	9	9	8	8	1	1
5873	4	4	5	4	4	2	5	5	6	6	3	3	5	1	1	1	8	0	7	9	9	9	9	1	7
5874	4	4	4	5	4	3	5	5	5	5	3	4	4	1	2	1	8	0	6	9	9	9	9	1	5
5875	4	4	4	4	4	3	5	5	5	6	3	3	4	1	2	3	8	0	7	9	8	8	9	1	4
5876	4	4	4	5	4	3	5	5	5	6	3	3	5	1	4	1	8	0	7	9	9	9	9	1	1
5877	4	4	4	4	4	3	6	5	4	6	3	3	5	1	2	1	9	0	7	9	9	9	9	1	2

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CM	COL	IDC	HER
5878	4	4	4	3	5	3	5	5	5	6	3	4	3	1	2	1	8	0	6	8	9	9	1	6
5879	4	4	4	4	4	3	5	5	4	5	3	4	5	1	2	1	9	0	6	9	9	9	1	2
5880	4	4	4	4	4	3	6	6	5	5	3	5	4	1	2	1	8	0	7	9	9	9	1	1
5881	4	4	4	4	4	2	5	5	5	6	3	3	4	1	2	1	8	0	6	8	9	8	1	4
5882	4	4	4	5	4	2	5	5	5	6	3	4	4	1	2	1	8	0	7	9	9	9	1	3
5883	4	4	4	4	4	2	5	5	5	6	3	3	5	1	2	1	6	0	7	9	9	9	1	0
5884	4	4	4	5	4	3	5	6	5	6	3	3	5	1	2	1	6	0	7	9	9	9	1	0
5885	4	5	4	4	3	3	6	6	5	5	3	5	6	1	2	1	9	0	5	9	9	9	1	6
5886	4	4	4	4	4	3	5	5	5	6	3	3	5	1	2	1	8	0	7	8	9	9	1	0
5887	4	3	4	5	4	3	5	5	5	6	3	3	4	1	2	1	7	0	7	9	9	9	1	0
5888	4	4	4	4	4	3	5	5	5	5	2	4	5	1	4	1	7	0	7	8	9	9	1	0
5889	5	6	4	3	3	2	6	6	5	6	3	5	5	2	4	2	4	0	6	9	9	9	1	5
5890	5	6	4	6	4	3	6	6	5	4	2	6	4	2	2	2	9	0	6	9	9	9	1	5
5891	6	6	4	4	4	3	6	6	5	5	2	6	4	2	2	2	9	0	6	9	9	9	1	5
5892	4	4	4	5	3	2	6	6	5	5	2	6	3	2	4	2	7	0	6	9	9	9	1	9
5893	6	6	4	5	4	3	7	7	6	5	2	6	4	2	2	2	9	0	5	9	8	9	1	0
5894	5	5	4	4	3	2	7	7	6	6	3	5	4	2	4	1	4	0	6	9	8	8	1	0
5895	4	4	4	5	4	3	6	6	5	6	3	5	4	1	4	1	9	0	6	9	9	9	1	0
5896	5	5	4	5	3	2	6	6	5	5	2	6	5	2	4	2	6	0	7	9	9	9	1	0
5897	4	4	4	7	3	3	6	5	4	5	3	5	5	1	4	1	9	0	7	9	9	9	1	8
5898	5	5	4	5	3	3	6	6	4	5	3	5	5	1	1	1	9	0	6	9	9	8	1	0
5899	6	6	5	5	3	2	6	7	7	6	4	5	4	1	4	1	9	0	6	9	9	9	1	0
5900	5	5	4	5	3	3	6	6	5	6	3	5	5	1	4	1	7	0	5	9	9	7	1	0
5901	5	6	4	5	2	2	6	7	6	6	3	5	4	1	4	1	9	0	4	9	9	8	1	3
5902	5	5	4	5	3	2	6	6	5	5	3	5	5	2	4	2	3	0	5	9	8	9	1	8
5903	5	5	4	5	3	3	6	6	5	5	3	5	4	2	4	2	6	0	5	9	9	6	1	2
5904	5	5	4	5	3	3	5	5	5	5	3	5	4	1	4	1	7	0	6	9	8	8	1	1
5905	5	5	4	4	2	2	6	6	6	6	3	4	5	2	4	2	8	0	6	9	9	8	1	1
5906	4	4	4	4	2	2	6	6	6	6	6	5	4	2	4	2	6	0	7	9	9	9	1	1
5907	4	4	4	4	2	2	6	6	5	5	4	5	5	2	4	2	9	0	6	9	9	8	1	1
5908	4	3	4	7	2	3	7	6	4	6	2	5	6	1	4	1	7	0	7	9	9	8	1	2
5909	4	4	4	5	4	3	6	5	4	5	5	5	5	2	4	2	4	0	6	9	9	8	1	3
5910	5	5	5	3	3	2	4	5	6	5	7	5	5	1	4	1	8	0	6	9	9	9	1	2
5911	4	5	5	3	4	2	4	5	6	5	7	5	5	1	4	1	9	0	6	9	9	9	1	0
5912	6	7	4	3	4	2	5	5	4	4	3	5	4	2	2	2	7	0	6	9	9	8	1	0
5913	5	5	4	4	4	2	5	5	5	5	3	5	6	2	4	2	4	0	6	9	9	8	1	0
5914	5	5	4	4	4	2	5	5	5	4	5	5	5	2	4	2	6	0	6	9	9	8	1	0
5915	5	5	6	3	3	2	5	6	7	6	4	5	5	2	4	2	7	0	6	9	9	8	1	5
5916	5	4	4	2	3	2	5	6	6	5	3	5	6	2	4	2	7	0	6	9	9	9	1	0
5917	5	5	4	3	3	2	6	7	6	6	3	5	4	2	8	2	9	0	6	9	9	9	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER	
5918	5	6	4	3	4	2	6	6	6	6	3	5	5	2	4	2	4	0	7	9	9	9	8	1	0
5919	5	6	4	2	4	2	6	6	6	5	3	5	6	2	4	2	5	0	7	9	9	9	9	1	0
5920	5	5	4	3	3	2	5	6	6	6	3	4	5	1	2	1	9	0	7	9	9	9	9	1	0
5921	5	5	4	4	4	2	6	6	5	6	3	5	4	2	4	1	3	0	6	9	9	9	9	1	0
5922	5	5	4	5	3	2	5	5	5	5	2	5	4	2	2	2	4	0	6	9	9	9	8	1	0
5923	5	5	4	4	4	2	6	6	5	5	3	6	5	2	4	2	4	0	6	9	9	9	9	1	0
5924	5	5	4	4	4	2	6	6	5	5	5	5	6	2	4	2	4	0	6	9	9	9	9	1	7
5925	4	4	4	5	3	2	6	6	5	5	3	5	5	2	4	2	6	0	6	9	9	9	8	1	5
5926	4	5	4	5	3	2	6	6	5	6	3	5	4	2	4	1	4	0	7	9	9	9	8	1	0
5927	5	4	4	5	3	3	6	6	4	5	3	5	6	2	4	2	8	0	7	9	9	9	9	1	0
5928	5	5	4	5	3	3	7	6	5	6	3	5	5	1	4	1	5	0	6	9	9	9	9	1	0
5929	4	4	4	5	4	3	6	6	3	6	3	4	6	1	4	1	9	0	6	9	9	9	9	1	0
5930	5	6	4	7	4	3	6	5	3	5	3	4	6	1	4	1	9	0	6	9	9	9	9	1	5
5931	5	5	4	5	3	3	6	6	5	5	2	0	6	1	2	1	8	0	7	9	9	9	9	1	5
5932	4	4	4	5	3	3	6	5	4	5	3	5	5	1	1	1	7	0	7	9	9	9	9	1	5
5933	5	5	4	5	3	3	6	6	4	5	2	0	6	1	1	1	6	0	7	9	9	9	9	1	0
5934	4	4	4	5	4	3	6	5	4	4	2	0	6	2	1	1	4	0	7	9	9	9	9	1	5
5935	4	4	4	7	3	3	7	6	4	5	2	6	6	1	5	2	7	0	6	9	9	9	9	1	5
5936	5	4	4	6	4	3	5	6	5	6	5	4	5	1	2	1	9	0	6	9	9	9	9	1	0
5937	5	5	4	6	3	3	7	6	5	5	2	6	4	1	2	1	9	0	5	9	9	9	9	1	0
5938	4	5	4	7	3	3	6	6	4	4	3	6	5	2	4	2	9	0	5	9	9	9	6	1	0
5939	5	4	4	7	2	3	6	6	4	4	2	6	6	1	4	1	8	0	5	8	9	9	6	1	0
5940	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	8	0	0	9	0	8	0	0	0
5941	5	5	4	6	4	3	6	5	3	4	1	5	5	1	1	1	9	0	5	6	9	9	5	1	0
5942	5	5	4	7	3	3	6	6	3	4	1	6	6	1	4	1	9	0	5	9	9	9	5	1	0
5943	4	5	4	7	3	3	7	6	4	5	2	6	4	1	2	1	9	0	5	9	9	9	9	1	0
5944	5	5	4	7	3	3	7	7	5	5	2	6	5	1	1	1	9	0	5	9	9	9	5	1	0
5945	5	5	4	7	3	3	7	6	3	3	2	6	5	1	2	1	9	0	6	9	9	9	9	1	0
5946	5	6	4	7	3	3	7	6	3	5	2	6	4	1	2	1	9	0	5	9	9	9	9	1	5
5947	4	5	4	6	4	3	6	7	8	5	1	5	4	1	4	1	7	0	5	9	9	9	4	1	0
5948	4	5	4	6	3	3	6	6	4	5	2	0	5	1	4	1	8	0	5	9	9	9	5	1	0
5949	4	4	4	7	4	3	6	5	4	5	2	5	5	1	4	1	8	0	5	9	9	9	4	1	0
5950	5	4	4	7	4	3	6	5	3	5	2	5	5	1	2	1	7	0	5	9	9	9	4	1	0
5951	5	5	4	7	3	3	6	5	3	5	2	5	6	1	2	1	7	0	5	9	9	9	4	1	0
5952	5	5	4	7	3	3	7	7	3	4	2	6	4	2	2	2	9	0	5	9	9	9	8	1	0
5953	4	5	4	7	3	3	6	6	3	5	2	5	5	1	4	1	7	0	5	9	9	9	4	1	0
5954	4	4	4	7	2	3	7	6	4	5	1	6	5	1	4	1	9	0	5	9	9	9	6	1	0
5955	4	5	4	7	3	3	7	6	3	5	2	6	5	1	2	1	8	0	5	9	9	9	7	1	0
5956	4	4	4	5	3	3	6	6	4	5	2	5	4	1	4	1	7	0	6	9	9	9	9	1	6
5957	4	4	4	5	3	2	6	5	3	5	2	5	5	2	1	2	6	0	5	9	9	9	9	1	0



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
5958	4	4	4	6	2	3	7	6	3	4	2	6	4	1	2	1	9	0	6	9	9	9	1	0
5959	4	4	4	7	2	3	7	6	4	5	3	6	5	1	2	1	9	0	5	9	9	9	3	0
5960	4	4	4	7	3	3	6	5	3	5	2	5	5	1	1	1	7	0	5	9	9	9	5	0
5961	4	4	4	7	2	3	7	6	4	4	2	6	5	1	4	1	9	0	6	9	9	9	5	0
5962	4	4	4	7	3	3	6	6	4	5	2	0	5	1	2	1	8	0	5	9	9	9	5	0
5963	4	4	4	6	2	2	7	6	4	6	2	5	5	1	4	1	7	0	5	8	9	9	1	0
5964	4	4	4	7	2	2	6	6	3	5	3	0	5	1	4	1	8	0	5	9	9	9	1	1
5965	5	5	4	7	3	3	7	6	4	5	2	5	5	1	4	1	9	0	5	9	9	8	1	3
5966	4	4	4	7	3	3	6	6	4	4	2	6	5	1	2	1	9	0	6	7	9	9	1	4
5967	4	5	4	7	3	3	7	6	4	5	2	0	6	1	4	1	9	0	5	9	9	9	5	7
5968	5	5	4	7	2	3	7	6	4	6	3	5	6	1	4	1	7	0	5	9	9	9	5	7
5969	4	4	4	7	3	3	6	5	4	5	2	5	5	2	4	2	7	0	6	9	9	8	1	3
5970	4	4	4	7	3	3	6	6	4	3	2	6	4	1	2	1	8	0	6	9	9	9	1	2
5971	4	5	4	8	2	3	6	6	4	4	2	6	5	1	2	1	9	0	6	9	9	9	1	1
5972	5	6	4	7	3	3	7	7	3	5	2	6	5	1	2	1	9	0	5	9	9	9	1	8
5973	4	5	4	7	3	3	7	7	4	5	2	6	6	1	1	1	9	0	5	9	9	9	5	3
5974	5	6	4	7	3	3	7	6	4	6	2	5	6	1	2	3	7	0	6	9	9	8	1	1
5975	5	6	6	6	3	3	6	7	8	7	4	4	5	1	4	1	7	0	6	9	9	8	1	1
5976	4	5	4	7	3	3	7	6	4	6	2	5	4	1	4	3	8	0	6	9	9	9	1	2
5977	4	5	4	7	2	3	7	6	4	5	3	5	5	2	1	2	8	0	6	9	9	9	1	3
5978	5	5	4	7	3	3	6	6	5	6	4	4	4	1	1	1	7	0	6	8	9	9	1	5
5979	5	5	4	6	3	2	6	6	4	6	2	5	5	1	2	1	7	0	5	9	9	9	1	2
5980	4	5	4	5	3	3	6	6	6	6	2	4	4	1	2	1	9	0	6	9	9	9	1	3
5981	4	4	4	6	3	3	6	6	4	6	2	4	5	1	2	1	7	0	0	9	9	9	1	4
5982	5	5	4	5	4	3	6	6	5	6	2	3	4	1	2	3	7	0	6	9	9	9	1	2
5983	5	6	4	7	3	3	7	6	4	6	2	5	6	1	2	1	7	0	6	9	9	9	1	2
5984	4	4	4	5	3	3	6	6	4	6	2	4	5	1	2	1	7	0	6	9	9	9	1	2
5985	5	5	4	5	3	3	6	6	4	6	3	4	5	1	4	3	8	0	6	8	9	9	1	3
5986	5	5	4	4	4	3	6	5	4	6	3	4	5	1	4	3	8	0	6	9	9	9	1	2
5987	4	5	4	4	4	3	5	5	5	6	3	3	4	1	2	3	8	0	6	9	9	9	1	3
5988	5	1	4	4	4	3	6	6	4	6	2	4	5	1	2	3	9	0	6	9	9	9	1	2
5989	4	6	4	4	4	3	5	5	6	6	3	3	5	1	4	3	8	0	5	9	9	8	1	2
5990	4	4	4	5	4	3	6	6	5	6	2	4	4	1	2	1	7	0	6	9	9	9	1	5
5991	4	4	4	5	3	3	6	5	4	5	2	4	4	1	4	1	9	0	5	9	9	9	1	5
5992	5	5	4	6	4	3	6	6	4	4	2	6	4	2	3	3	9	0	5	9	9	9	1	2
5993	4	5	4	7	4	3	6	5	4	5	2	5	4	2	1	1	6	0	6	9	9	9	1	5
5994	4	4	4	5	3	3	5	5	4	5	2	5	4	1	2	1	9	0	6	9	9	9	1	5
5995	4	4	4	5	4	3	5	5	4	5	2	4	5	1	1	1	8	0	6	9	9	9	1	3
5996	4	5	4	7	3	3	5	4	4	5	2	4	5	1	2	1	8	0	5	9	9	9	1	2
5997	4	4	4	7	4	3	6	5	5	5	3	5	5	1	4	1	7	0	6	9	9	9	1	1

## 356 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
5998	4	4	4	5	3	3	5	5	4	5	3	4	5	1	2	1	8	0	6	9	9	9	1	2
5999	4	5	4	6	4	3	5	5	4	5	3	4	5	1	3	3	9	0	6	9	9	9	1	3
6000	5	5	4	5	3	3	6	6	4	6	2	4	5	2	4	2	9	0	7	9	9	0	1	0
6001	5	5	4	4	4	3	4	4	5	5	4	4	4	1	2	1	9	0	6	9	9	0	1	0
6002	3	3	5	4	4	3	5	5	5	6	4	2	5	1	4	1	8	0	6	9	9	0	1	0
6003	5	5	4	5	3	2	5	5	5	5	3	4	5	1	1	1	8	0	6	9	9	0	1	0
6004	4	5	4	5	4	2	4	4	5	5	3	3	4	1	4	1	8	0	5	9	9	0	1	0
6005	4	4	5	3	5	2	4	4	5	5	3	4	5	1	4	1	8	0	5	9	9	0	1	0
6006	3	2	4	4	4	3	5	6	6	6	3	2	6	1	1	1	9	0	7	9	9	0	1	0
6007	4	4	4	5	4	2	4	4	4	5	3	3	5	1	4	1	8	0	5	8	9	0	1	0
6008	5	5	5	4	4	3	5	5	4	6	3	2	6	1	2	3	7	0	6	9	9	0	1	0
6009	5	5	5	4	4	3	4	4	5	6	3	2	4	1	2	1	7	0	5	9	9	0	1	0
6010	4	3	4	5	4	3	5	5	5	6	2	2	5	1	2	1	9	0	5	9	9	0	1	0
6011	5	5	5	4	4	3	5	4	4	6	3	3	5	1	4	1	8	0	5	9	9	0	1	0
6012	5	5	4	4	4	3	5	5	5	6	3	3	6	1	4	1	7	0	5	9	9	0	1	0
6013	4	4	4	5	4	3	5	4	4	5	2	3	5	1	4	1	9	0	7	9	9	0	1	0
6014	3	1	4	5	3	3	5	5	4	6	3	2	6	1	4	1	7	0	7	9	9	0	1	0
6015	5	5	5	4	4	3	3	4	5	5	3	2	4	1	1	1	8	0	5	9	9	0	1	0
6016	3	3	5	5	3	3	5	5	6	6	4	3	5	1	4	1	9	0	7	9	9	0	1	0
6017	4	4	4	4	5	2	4	4	5	6	3	2	5	1	4	1	9	0	7	9	9	0	1	0
6018	5	5	4	4	4	3	5	5	5	6	3	3	5	1	4	1	9	0	6	9	9	0	1	0
6019	4	5	6	4	4	3	5	5	5	6	3	2	6	1	2	1	8	0	6	9	9	0	1	0
6020	4	4	6	3	4	2	5	5	6	6	3	3	6	1	4	1	8	0	6	9	9	0	1	0
6021	5	6	5	6	4	3	5	5	5	6	3	3	6	1	4	1	8	0	6	9	9	0	1	0
6022	4	4	5	4	4	3	5	5	5	6	3	2	6	1	2	1	9	0	6	9	9	0	1	0
6023	3	3	5	5	4	3	5	4	4	5	3	3	5	1	4	1	9	0	7	9	9	0	1	0
6024	4	4	5	5	4	3	6	6	5	6	4	3	6	1	4	1	8	0	6	9	9	0	1	0
6025	4	5	5	4	4	3	5	6	5	6	3	3	6	1	4	1	9	0	6	9	9	0	1	0
6026	4	4	5	5	4	3	5	6	7	6	4	2	6	1	2	1	9	0	6	9	9	0	1	0
6027	3	5	5	5	4	3	6	6	5	6	4	2	5	1	2	1	8	0	6	9	9	0	1	0
6028	4	4	5	4	4	3	5	6	6	6	2	2	5	1	2	1	9	0	6	9	9	0	1	0
6029	5	5	4	7	3	3	6	6	4	6	3	4	5	1	4	1	7	0	6	9	9	0	1	0
6030	6	6	5	6	4	3	6	6	4	5	2	5	6	1	4	1	9	0	7	9	9	0	1	0
6031	4	4	4	6	4	3	5	5	4	5	3	4	6	1	4	1	9	0	6	9	9	0	1	0
6032	4	5	4	4	3	3	5	5	3	4	3	5	6	1	4	1	9	0	5	9	9	0	1	0
6033	5	5	5	5	4	3	5	5	5	6	3	2	5	1	4	1	8	0	5	9	9	0	1	0
6034	5	4	5	7	4	3	5	5	6	6	3	2	4	1	2	1	8	0	6	9	9	0	1	0
6035	5	5	5	7	4	4	8	8	4	7	2	6	5	1	4	1	8	0	6	9	9	0	1	0
6036	6	5	5	4	4	4	7	7	4	6	2	5	4	1	4	1	8	0	6	9	9	0	1	0
6037	5	6	5	4	4	3	5	5	3	5	3	4	4	1	2	1	9	0	6	9	9	0	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	ESW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
6038	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	8	0	0	9	0	0	0	0
6039	5	6	5	5	4	3	6	6	4	6	3	3	3	1	4	1	9	0	6	9	9	9	1	6
6040	5	5	4	4	4	3	5	5	5	5	3	4	4	1	4	3	8	0	6	9	9	8	1	0
6041	3	4	5	7	2	3	7	7	8	7	3	2	5	1	1	1	8	0	7	9	9	9	1	0
6042	3	4	5	7	3	3	7	7	6	7	2	2	1	1	1	1	8	0	7	9	9	9	1	0
6043	6	6	5	4	3	2	6	6	5	5	3	5	6	2	4	2	3	0	7	9	9	9	1	5
6044	4	4	5	6	4	3	7	7	5	7	4	2	5	1	2	1	9	0	6	9	9	9	1	0
6045	5	4	6	5	4	4	8	8	0	7	2	4	5	1	3	1	9	0	6	9	9	9	1	0
6046	6	5	5	6	3	4	8	8	4	7	2	3	4	1	2	1	9	0	7	8	9	9	1	0
6047	6	5	5	6	3	4	8	8	7	7	2	3	4	1	2	1	9	0	7	9	9	9	1	0
6048	6	5	5	7	3	3	8	7	6	7	2	3	3	1	2	1	9	0	7	9	9	9	1	2
6049	6	7	5	4	4	3	6	6	4	6	3	3	5	1	4	1	9	0	6	9	9	8	1	1
6050	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0
6051	4	5	5	5	4	3	5	5	4	6	3	3	5	1	4	1	9	0	6	8	9	9	1	2
6052	3	5	5	5	4	4	5	5	5	6	3	2	4	1	2	1	9	0	6	9	9	9	1	2
6053	6	6	5	7	4	4	5	5	4	6	3	3	3	1	4	1	9	0	6	9	9	9	1	4
6054	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	6	9	9	9	1	4
6055	6	5	5	7	2	4	8	7	1	7	3	3	5	1	4	1	9	0	0	0	0	0	0	0
6056	3	3	5	4	4	3	7	7	6	5	2	6	3	1	2	1	8	0	7	9	9	9	1	3
6057	3	3	4	5	4	3	7	7	5	7	2	2	5	1	2	1	8	0	7	9	9	9	1	3
6058	4	5	5	4	4	3	3	4	5	5	4	3	4	1	1	1	9	0	6	9	9	9	1	5
6059	3	3	5	4	4	3	6	6	5	6	3	2	5	1	3	3	9	0	7	9	9	9	1	5
6060	5	6	5	5	4	3	6	5	4	6	3	3	5	1	1	3	9	0	6	9	9	8	1	5
6061	5	6	5	4	4	3	6	5	3	6	7	3	6	1	2	1	8	0	6	9	9	8	1	5
6062	5	6	5	4	4	2	5	5	5	6	7	3	4	1	4	1	8	0	6	9	9	8	1	0
6063	5	6	5	4	4	2	5	5	5	6	5	2	3	1	4	1	7	0	6	9	9	8	1	0
6064	5	5	5	4	5	3	5	5	4	6	5	3	5	1	2	3	7	0	6	9	9	9	1	0
6065	5	5	5	4	4	3	5	5	4	6	7	3	5	1	2	1	7	0	6	9	9	9	1	0
6066	5	5	5	4	3	3	6	6	5	6	3	3	6	1	4	1	9	0	7	9	9	9	1	0
6067	6	5	5	3	2	2	7	7	6	6	3	6	5	2	7	2	5	0	7	9	9	9	1	0
6068	4	4	5	4	4	3	6	6	5	6	4	3	6	1	1	1	9	0	6	9	9	9	1	5
6069	5	5	5	6	3	3	7	6	4	6	3	4	5	1	4	1	8	0	7	9	9	9	1	0
6070	5	5	5	5	4	3	5	5	4	6	3	3	6	1	2	1	9	0	6	9	9	8	1	0
6071	5	5	5	4	4	3	4	4	5	6	2	3	3	1	1	1	9	0	6	9	9	9	1	5
6072	4	4	5	4	4	3	6	5	4	6	3	2	5	1	1	1	8	0	6	9	9	9	1	0
6073	4	3	5	5	3	3	6	6	4	6	2	2	7	1	1	1	8	0	6	8	9	9	1	0
6074	4	4	5	5	4	3	4	4	4	5	3	2	5	1	1	1	9	0	6	9	9	9	1	0
6075	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	6	9	9	9	1	0
6076	5	5	5	4	4	3	6	6	5	6	3	2	3	1	3	1	9	0	6	8	9	9	1	5
6077	5	5	5	4	4	3	5	5	5	6	3	2	3	1	3	1	9	0	6	9	9	9	1	5

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
6078	5	5	5	5	4	3	4	5	5	6	2	2	4	1	1	1	8	0	6	8	9	9	1	0
6079	3	4	5	5	3	3	5	6	6	6	2	2	5	1	1	1	9	0	6	9	9	9	1	0
6080	4	4	5	4	4	3	5	5	5	6	3	2	5	1	2	1	8	0	6	9	9	9	1	5
6081	4	5	5	6	3	3	6	6	5	6	3	2	6	1	1	1	9	0	6	9	9	9	1	5
6082	4	4	5	5	4	3	6	6	5	6	0	2	5	1	2	3	9	0	6	9	9	9	1	5
6083	3	4	5	4	4	3	4	4	4	6	2	2	5	1	2	1	9	0	6	9	9	9	1	5
94	4	4	5	5	3	3	5	5	5	6	3	2	5	1	1	1	8	0	6	9	9	9	1	5
6085	5	5	5	5	4	3	5	6	6	6	4	3	5	1	2	1	9	0	6	9	9	9	1	5
6086	5	4	5	3	4	3	4	4	4	5	5	3	5	1	1	1	8	0	6	9	9	9	1	5
6087	5	5	5	4	3	2	5	5	5	5	2	4	6	1	2	2	6	0	6	9	9	8	1	0
6088	4	5	4	4	4	3	4	4	4	4	2	5	3	2	4	2	5	0	6	8	9	8	1	5
6089	6	6	5	3	3	2	6	6	5	5	2	6	5	2	7	2	5	0	7	9	9	9	1	0
6090	5	6	5	5	3	2	6	6	5	5	3	5	5	1	4	1	3	0	6	9	9	8	1	0
6091	4	5	4	5	3	3	6	6	4	4	3	6	6	2	4	2	5	0	7	9	9	4	1	0
6092	5	4	5	4	3	2	5	5	5	5	3	5	5	1	4	3	9	0	6	9	9	9	1	0
6093	4	5	5	6	3	4	8	8	5	6	2	6	6	2	2	2	9	0	8	9	9	9	1	6
6094	4	4	4	7	2	4	8	7	3	5	2	6	4	2	2	2	9	0	8	9	9	9	1	0
6095	4	4	4	7	3	4	7	7	4	5	2	6	4	2	2	2	8	0	8	9	9	9	1	0
6096	4	4	4	7	3	4	7	8	8	6	1	6	4	2	2	2	9	0	8	9	9	9	1	6
6097	4	4	4	6	3	4	7	6	4	4	2	6	3	2	2	2	9	0	8	9	9	9	1	5
6098	5	5	4	4	4	3	4	5	5	4	3	0	4	2	4	2	6	0	7	9	9	8	1	0
6099	3	4	4	4	4	3	6	6	4	6	3	2	4	1	1	1	9	0	9	9	9	9	1	0
6100	3	3	4	5	3	3	7	7	5	7	3	2	5	1	4	1	9	0	9	9	9	9	1	0
6101	4	3	5	7	2	4	7	7	5	6	2	3	5	1	1	1	9	0	5	9	9	9	1	0
6102	4	4	5	5	4	4	6	6	5	6	3	2	3	1	4	1	9	0	6	9	9	9	1	0
6103	4	4	4	5	3	3	6	6	4	6	3	3	5	1	2	1	9	0	6	9	9	9	1	0
6104	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	7	9	0	9	0	0
6105	3	4	4	5	3	3	6	6	4	6	3	2	4	1	1	1	9	0	7	9	9	9	1	0
6106	4	4	5	6	3	3	6	5	4	6	3	2	6	1	1	1	9	0	6	9	9	9	1	2
6107	3	4	4	8	2	3	7	7	5	7	3	2	5	1	2	1	9	0	9	9	9	9	1	3
6108	3	6	5	7	2	3	7	7	6	7	2	2	6	1	1	1	9	0	6	9	9	9	1	6
6109	3	3	4	7	2	3	7	6	4	6	3	2	5	1	1	1	9	0	7	9	9	9	1	6
6110	4	5	5	5	3	3	5	5	4	6	2	2	5	1	3	1	9	0	6	9	9	9	1	5
6111	4	4	5	5	4	3	5	5	5	6	3	2	4	1	2	1	9	0	6	8	8	9	1	3
6112	4	5	5	5	3	3	5	5	4	6	4	2	4	1	4	1	9	0	6	9	9	9	1	3
6113	4	5	5	7	2	3	8	8	6	7	4	2	4	1	4	1	9	0	6	9	9	9	1	2
6114	5	5	5	6	3	3	7	7	4	6	2	4	5	1	3	1	9	0	6	9	9	9	1	4
6115	4	5	5	6	3	3	6	6	5	6	4	2	4	1	2	1	9	0	6	9	9	9	1	3
6116	3	5	4	6	3	3	5	5	5	6	3	2	5	1	2	1	9	0	6	9	9	9	1	0
6117	4	4	5	6	2	3	6	6	4	6	4	2	6	1	4	1	9	0	6	9	9	9	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER	
6118	3	2	5	6	2	3	6	7	6	7	3	2	5	1	4	1	9	0	0	8	9	9	1	0
6119	3	2	5	5	3	3	6	6	5	6	3	3	6	1	4	1	9	0	8	9	8	9	1	0
6120	5	5	5	5	4	3	6	5	4	5	3	5	5	1	4	1	6	0	6	9	9	8	1	0
6121	5	5	4	5	4	3	5	5	5	5	3	4	5	1	1	1	7	0	5	9	9	8	1	0
6122	5	4	4	5	3	2	5	5	4	6	3	3	4	1	2	1	6	0	6	9	9	8	1	0
6123	4	4	4	6	3	3	5	5	4	5	3	4	5	1	1	1	6	0	6	9	9	7	1	0
6124	4	5	5	4	3	3	5	5	4	6	3	3	5	1	1	3	8	0	6	9	9	9	1	5
6125	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	6	0	0	0	9	0	0	0
6126	5	5	4	4	4	3	4	4	5	5	3	4	4	1	1	1	6	0	6	9	9	9	1	0
6127	4	5	4	5	4	3	4	4	4	5	3	3	5	1	2	1	6	0	6	9	9	9	1	0
6128	5	5	4	5	4	3	4	4	4	5	2	4	4	1	4	1	7	0	6	9	9	8	1	0
6129	4	4	4	4	5	2	5	5	4	5	3	4	5	1	4	1	6	0	6	9	9	8	1	0
6130	5	5	5	5	3	3	6	6	5	6	3	4	5	1	2	1	6	0	7	9	9	8	1	5
6131	5	5	4	3	4	2	4	4	5	5	4	3	5	1	1	1	6	0	6	9	9	9	1	0
6132	4	4	4	3	4	3	4	4	4	5	3	4	5	1	1	1	6	0	6	9	9	9	1	0
6133	4	5	4	4	4	3	5	5	4	6	3	3	5	1	2	1	7	0	6	9	9	9	1	0
6134	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
6135	5	5	4	5	4	3	5	5	4	5	3	4	5	1	1	1	8	0	5	9	9	8	1	0
6136	4	4	4	3	5	3	4	3	4	4	2	4	5	1	4	1	6	0	6	9	9	8	1	0
6137	5	5	4	5	4	2	4	5	5	5	4	4	4	1	1	1	8	0	6	9	9	9	1	0
6138	5	5	4	5	4	3	5	5	4	5	4	4	5	1	4	3	8	0	6	9	9	8	1	0
6139	4	5	4	4	5	3	4	4	5	5	3	3	4	1	4	1	7	0	6	9	8	8	1	0
6140	5	5	4	4	4	3	6	6	5	6	3	4	5	1	4	1	7	0	6	9	9	8	1	0
6141	5	5	5	4	5	3	4	4	5	5	3	4	5	1	4	1	6	0	6	9	9	8	1	0
6142	4	4	4	3	5	2	4	3	4	5	3	3	5	1	1	1	6	0	7	9	9	9	1	0
6143	4	5	5	4	4	3	5	5	5	6	3	3	5	1	1	1	7	0	6	9	9	8	1	0
6144	5	4	4	5	4	3	5	5	4	6	3	4	5	1	1	1	6	0	6	9	9	8	1	0
6145	5	5	5	4	4	3	5	5	5	5	2	5	5	1	1	1	6	0	6	8	9	9	1	3
6146	4	5	5	2	5	3	5	5	5	6	2	3	5	1	1	1	7	0	6	9	9	9	1	3
6147	4	5	4	4	5	3	5	5	4	5	3	4	5	1	4	1	7	0	6	9	9	8	1	4
6148	5	5	5	4	5	2	5	5	5	6	3	3	4	1	2	1	6	0	6	9	9	8	1	5
6149	5	5	5	4	3	3	4	5	5	5	3	4	4	1	4	1	6	0	6	9	9	9	1	2
6150	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
6151	4	5	5	4	4	3	4	4	5	5	3	4	4	1	4	1	6	0	6	9	9	8	1	2
6152	4	5	5	5	3	3	4	5	6	5	3	4	3	1	1	1	6	0	5	9	9	8	1	4
6153	4	4	4	4	4	2	5	5	4	5	3	4	4	1	4	1	6	0	6	9	9	9	1	2
6154	4	4	4	4	5	2	5	4	4	4	3	5	4	2	4	2	6	0	6	9	9	8	1	0
6155	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	7	0	0	0	0	0	0	0
6156	4	4	4	4	4	2	5	5	5	6	3	3	4	1	4	1	8	0	6	9	9	9	1	5
6157	4	4	5	4	4	2	5	5	5	6	3	4	5	1	1	1	6	0	6	9	9	8	1	0

360 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
6158	4	4	4	6	4	3	5	5	4	5	3	4	5	1	2	1	8	0	6	9	9	9	1	0
6159	4	4	4	4	4	2	5	5	5	5	3	4	5	1	4	1	7	0	5	9	9	9	1	0
6160	4	5	4	5	4	3	6	6	5	5	2	5	4	1	4	1	7	0	6	9	9	7	1	0
6161	4	5	4	4	4	2	6	6	5	6	3	5	4	1	4	1	7	0	5	9	9	8	1	0
6162	4	4	4	5	4	2	6	6	5	6	3	5	4	1	4	1	8	0	6	9	9	9	1	0
6163	4	4	4	4	4	2	5	5	4	6	2	3	3	1	4	1	8	0	6	9	9	9	1	0
6164	4	5	4	5	4	2	5	5	4	6	2	3	3	1	2	1	9	0	6	9	9	9	1	0
6165	4	3	4	4	4	2	5	5	5	6	3	4	3	1	4	1	9	0	7	9	9	9	1	0
6166	4	5	4	5	3	2	5	5	5	6	1	4	5	1	4	1	8	0	5	9	9	9	1	0
6167	5	5	4	4	3	2	5	5	5	6	2	3	4	1	4	1	8	0	5	9	9	9	1	0
6168	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
6169	5	4	5	5	3	2	6	6	6	6	3	4	4	1	4	1	6	0	6	9	9	9	1	0
6170	4	5	5	5	4	3	5	5	5	6	3	3	4	1	2	1	7	0	7	9	9	9	1	0
6171	4	4	4	5	3	3	6	6	5	6	5	4	4	1	2	1	7	0	6	9	9	9	1	0
6172	1	4	5	5	4	3	5	5	5	6	4	4	4	1	2	1	7	0	6	9	9	9	1	0
6173	4	4	5	4	3	3	5	6	6	6	4	4	4	1	2	1	8	0	6	9	9	9	1	0
6174	4	4	5	5	4	3	6	6	6	6	3	5	3	1	2	1	8	0	6	9	9	9	1	0
6175	4	5	4	4	4	3	6	6	4	6	3	4	4	1	4	1	9	0	7	9	9	9	1	0
6176	4	4	4	4	4	3	6	6	4	5	3	5	4	1	4	1	8	0	7	9	9	9	1	0
6177	5	6	5	4	4	2	5	6	6	6	4	3	4	1	2	1	8	0	6	9	9	9	1	0
6178	5	5	5	4	4	2	5	6	6	6	4	3	4	1	4	1	8	0	5	9	9	9	1	0
6179	5	5	5	5	4	3	5	6	6	6	4	3	4	1	4	1	8	0	5	9	9	9	1	0
6180	4	6	5	4	3	3	6	6	6	6	4	4	4	1	2	1	8	0	5	9	9	9	1	0
6181	4	6	5	4	3	3	5	6	6	6	3	4	4	1	2	1	9	0	6	9	9	9	1	0
6182	4	4	5	5	4	3	6	6	5	6	3	4	4	1	2	1	7	0	6	9	9	9	1	0
6183	4	4	4	5	4	3	6	6	5	5	2	5	5	1	2	1	7	0	6	9	9	9	1	0
6184	4	4	4	5	3	3	6	6	5	5	2	5	3	1	4	1	8	0	6	9	9	9	1	0
6185	4	5	4	4	4	3	5	5	4	5	3	5	5	1	4	1	8	0	6	9	9	9	1	0
6186	4	4	4	6	3	3	6	5	4	5	2	4	6	1	2	1	9	0	6	9	9	8	1	0
6187	4	4	5	5	4	3	7	7	5	6	4	5	4	1	1	1	7	0	6	9	9	9	1	0
6188	5	5	4	4	2	2	6	6	6	5	3	5	6	2	4	2	3	0	6	9	9	8	1	0
6189	6	6	4	4	3	2	6	7	7	6	3	5	5	2	4	2	4	0	6	9	9	8	1	0
6190	5	5	4	6	3	2	5	5	5	5	3	5	5	2	4	2	5	0	6	9	9	8	1	5
6191	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	9	0	0
6192	5	6	4	5	4	3	6	6	4	5	3	5	6	2	4	2	5	0	6	9	9	8	1	5
6193	4	4	4	6	3	3	5	5	4	5	2	4	5	1	2	1	6	0	6	9	9	9	1	0
6194	4	6	5	4	4	2	6	6	7	6	3	4	4	1	4	1	7	0	6	9	9	8	1	5
6195	4	4	4	7	3	3	7	6	4	6	2	4	5	1	4	1	8	0	6	9	9	8	1	5
6196	4	3	4	5	4	3	5	6	5	6	3	3	4	1	2	1	7	0	6	9	9	9	1	0
6197	4	4	4	5	4	3	6	6	4	6	2	4	4	1	3	3	9	0	7	9	9	9	1	5

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
6198	4	3	4	7	3	2	5	5	4	6	2	3	6	1	4	1	9	0	6	9	9	9	1	0
6329	5	5	5	5	3	3	7	7	6	7	0	3	4	1	1	1	0	0	0	9	9	9	1	6
6330	3	3	5	5	4	3	5	5	5	6	3	4	5	1	1	1	0	0	0	9	8	9	1	6

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**EVALUATION DATA ON**

**BREEDING LINES**



ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
4494	4	3	4	3	4	3	4	4	5	5	3	4	4	1	2	1	9	0	9	9	9	9	1	0
4495	4	4	4	5	5	3	5	6	6	5	2	5	4	2	2	2	6	0	7	9	9	6	1	0
4496	4	6	4	5	4	3	5	5	4	5	2	5	7	1	2	1	9	0	9	9	9	9	1	0
4497	4	4	4	5	4	3	5	5	4	4	3	4	5	1	2	1	9	0	9	9	9	9	1	0
4498	4	4	4	5	3	3	5	5	4	5	2	4	5	1	2	1	9	0	9	9	8	9	1	0
4499	4	4	5	4	4	3	5	5	5	5	3	5	5	1	4	1	9	0	9	9	9	9	1	0
4500	4	4	4	5	4	3	5	5	4	5	2	5	4	1	2	3	9	0	9	9	9	9	1	0
4501	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
4502	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
4503	4	4	4	4	5	3	5	5	4	5	2	5	4	1	4	3	9	0	9	9	9	9	1	0
4504	4	4	4	5	3	3	6	5	4	5	2	5	5	1	4	1	9	0	9	9	9	9	1	0
4505	4	6	4	5	3	3	5	5	4	4	3	0	3	1	4	1	9	0	7	8	9	9	1	0
4506	4	4	4	6	4	3	5	5	5	5	4	5	5	1	4	1	9	0	7	9	9	9	1	0
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4508	4	4	5	5	4	3	5	5	6	5	5	5	4	1	4	1	9	0	9	8	9	9	1	0
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4510	5	5	4	4	4	3	4	4	4	5	3	5	6	1	1	1	9	0	9	9	9	9	1	0
4511	4	4	4	4	4	3	5	5	4	4	2	5	6	2	2	2	9	0	7	9	9	9	1	0
4512	4	4	4	4	4	3	5	5	4	5	3	5	4	1	2	3	9	0	9	9	9	9	1	0
4513	5	5	4	5	5	3	5	5	4	5	2	5	4	1	2	1	9	0	9	8	9	8	1	0
4514	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
4515	4	3	4	4	3	3	6	5	4	5	3	5	4	1	1	1	9	0	7	9	9	9	1	0
4516	4	3	4	5	4	3	5	5	4	5	1	5	4	1	4	1	9	0	9	9	8	7	1	0
4517	6	6	4	5	4	3	5	5	5	5	3	5	5	1	2	3	9	0	9	9	8	7	1	0
4518	4	4	4	7	2	3	6	5	3	4	3	5	5	2	4	1	9	0	9	9	9	8	1	0
4519	5	4	4	3	4	3	5	5	4	5	3	4	5	1	2	1	9	0	7	9	8	8	1	0
4520	4	4	4	5	4	3	5	5	5	5	3	5	3	1	1	1	9	0	9	9	9	9	1	0
4521	4	4	4	6	3	3	5	5	3	4	3	5	3	1	2	1	9	0	9	9	8	7	1	0
4522	5	4	4	5	4	3	6	5	3	4	3	0	6	1	1	1	9	0	9	9	9	6	1	0
4523	4	4	4	7	3	3	6	5	3	4	1	5	4	1	4	1	9	0	9	9	9	5	1	0
4524	5	6	4	6	4	3	5	4	3	5	1	4	4	1	2	1	9	0	9	9	9	9	1	0
4525	5	5	4	5	5	3	5	4	4	5	2	4	5	1	4	1	9	0	7	9	9	9	1	0
4526	5	5	4	5	4	3	5	5	4	5	2	4	5	1	4	1	9	0	9	8	9	8	1	0
4527	4	3	4	4	4	3	5	4	4	4	2	5	4	1	2	1	9	0	7	9	9	6	1	0
4528	4	4	4	5	4	3	4	4	4	4	2	5	4	1	2	1	9	0	7	9	9	7	1	0
4529	4	5	4	5	4	3	4	4	5	5	3	4	4	1	4	1	9	0	7	8	9	7	1	0
4530	5	5	4	4	4	3	5	5	6	5	3	5	4	1	1	1	9	0	9	9	8	7	1	0
4531	5	4	4	5	4	3	5	4	4	4	2	5	5	1	1	3	9	0	9	9	9	8	1	0
4532	5	6	4	5	3	3	6	5	4	5	2	5	5	1	1	3	9	0	7	9	9	8	1	0
4533	4	5	4	4	4	3	5	4	4	5	2	4	5	1	4	1	9	0	7	8	9	7	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER	
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4535	4	4	4	4	4	3	5	5	4	5	3	4	5	1	4	1	9	0	9	9	9	7	1	0	
4536	5	5	4	5	3	2	5	5	4	5	3	4	6	1	4	1	7	0	9	9	9	8	1	0	
4537	4	5	4	5	4	3	4	4	5	5	2	4	6	1	4	1	9	0	7	9	9	7	1	0	
4538	5	5	4	5	3	3	4	4	4	5	1	4	6	1	2	1	9	0	7	9	9	9	1	0	
4539	4	5	4	5	4	3	5	5	4	5	2	4	5	1	2	1	9	0	9	9	8	9	1	0	
4540	5	5	4	5	4	3	5	5	5	5	2	4	5	1	2	1	9	0	9	9	8	9	1	0	
4541	5	5	4	6	3	3	6	5	4	5	2	5	6	1	1	1	9	0	9	9	9	9	1	0	
4542	5	5	4	5	4	3	6	5	4	5	3	5	6	1	4	1	9	0	9	9	9	9	1	0	
4543	4	4	4	5	4	3	5	5	4	5	3	4	5	1	4	3	9	0	9	9	9	9	1	0	
4544	4	3	4	7	4	3	5	5	4	4	4	5	5	1	2	1	9	0	9	9	9	8	1	0	
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4550	5	6	4	5	5	2	5	5	5	5	3	4	6	1	4	1	9	0	9	9	9	8	1	0	
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4554	5	5	4	5	4	3	4	4	4	4	3	5	6	1	2	1	9	0	9	9	8	7	1	0	
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4557	4	4	4	5	4	3	5	5	3	5	2	4	6	1	4	1	9	0	9	8	9	9	1	0	
4558	5	6	4	5	4	3	5	5	4	5	3	5	6	1	2	1	9	0	7	8	8	6	1	0	
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4562	4	4	4	6	4	3	6	6	4	5	1	5	5	1	4	1	5	0	7	9	9	4	1	0	
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4564	4	5	4	4	5	3	6	6	4	5	6	5	5	1	2	1	6	0	7	9	8	4	1	0	
4565	4	5	4	5	4	3	4	4	4	4	3	5	7	2	1	3	4	0	7	8	9	5	1	0	
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4567	4	4	4	5	4	3	5	5	4	5	2	5	6	1	2	1	3	0	7	9	9	9	5	1	0
4568	4	5	4	5	4	3	5	5	4	4	2	5	7	1	2	1	5	0	9	9	9	7	1	0	
4569	5	5	4	5	3	3	5	5	4	5	3	5	6	1	4	1	6	0	9	9	8	4	1	0	
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4571	4	4	4	5	4	3	5	5	4	5	3	5	5	1	2	1	6	0	7	9	8	7	1	0	
4572	4	4	4	4	3	2	6	6	5	5	2	5	5	1	2	1	7	0	7	9	9	5	1	0	
4573	4	4	4	4	4	2	5	5	4	5	2	5	5	2	2	1	7	0	9	9	9	5	1	0	

ILC	DAF	FDU	DMA	HGT	CAW	GRH	BYD	SYD	HI	S/M	PR	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CN	COL	IDC	HER
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4575	5	4	4	4	4	3	6	6	4	4	2	6	6	1	1	1	6	0	7	9	9	9	1	0
4576	5	5	4	5	4	3	6	6	4	5	2	6	5	1	1	1	6	0	9	9	9	9	1	0
4577	5	4	4	5	4	3	6	5	4	4	2	6	6	1	1	1	5	0	7	9	9	9	1	0
4578	5	5	4	6	4	3	6	6	5	5	3	6	6	1	1	1	5	0	7	9	9	9	1	0
4579	5	6	4	4	4	3	6	6	4	5	2	6	5	1	1	1	5	0	9	9	9	9	1	0
4580	4	5	4	4	3	2	5	5	4	5	2	5	6	1	4	3	6	0	9	8	9	4	1	0
4581	4	5	4	5	3	2	6	6	4	5	3	5	5	1	4	1	5	0	9	9	9	4	1	0
4582	4	5	4	6	3	2	5	5	6	5	3	5	4	1	4	1	7	0	7	9	9	4	1	0
4583	4	1	4	4	4	2	5	5	5	5	3	5	6	1	2	1	7	0	9	9	9	4	1	0
4584	4	4	4	5	4	3	6	6	4	5	3	5	5	1	4	1	5	0	7	9	8	8	1	0
4585	5	6	4	6	3	3	6	6	4	5	3	5	6	1	2	1	4	0	7	9	8	4	1	0
4586	5	4	4	4	4	2	6	6	4	5	6	4	5	1	2	1	5	0	7	9	8	4	1	0
4587	5	6	4	5	5	3	6	6	5	6	3	4	5	1	2	1	6	0	7	9	9	5	1	0
4588	5	5	4	6	5	3	6	5	4	5	3	5	4	1	2	1	5	0	7	9	9	4	1	0
4589	4	3	4	5	4	2	5	5	4	5	2	5	4	2	4	2	5	9	7	9	9	5	1	0
4590	5	5	4	5	4	2	5	5	5	5	2	5	5	1	2	1	5	9	7	9	7	4	1	0
4591	5	6	4	5	3	2	5	5	5	5	3	5	4	1	2	1	5	9	7	9	7	4	1	0
4592	5	5	4	4	3	2	5	5	5	5	2	5	4	1	4	1	4	9	9	9	7	7	1	0
4593	4	4	4	5	3	2	5	5	4	5	4	5	4	1	2	1	6	9	9	9	9	7	1	0
4594	4	5	4	5	4	2	5	5	5	5	3	5	4	1	2	1	7	8	9	9	7	7	1	0
4595	4	4	4	5	4	2	5	5	5	5	2	5	4	2	2	3	7	9	7	9	7	7	1	0
4596	4	4	4	5	4	2	5	5	4	5	2	5	4	1	2	1	4	9	7	9	8	4	1	0
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4598	4	4	4	4	4	2	5	5	4	5	2	4	5	1	2	1	7	9	9	8	7	7	1	0
4599	4	4	4	5	5	2	6	5	4	5	2	5	5	1	2	1	5	9	9	8	7	5	1	0
4600	4	5	4	5	4	3	6	5	4	5	2	5	5	1	2	1	7	9	7	9	8	6	1	0
4601	4	4	4	5	4	3	6	5	4	5	2	5	4	2	2	2	6	9	7	9	9	4	1	0
4602	5	5	4	5	4	2	5	5	4	5	2	5	5	1	2	3	6	9	7	9	8	5	1	0
4603	5	4	4	4	4	3	5	5	4	4	4	5	4	2	4	2	6	9	9	9	9	6	1	0
4604	4	3	4	5	4	3	6	5	6	5	3	4	5	1	4	1	7	8	9	8	7	7	1	0
4605	5	5	4	5	4	3	6	5	4	5	2	5	4	1	2	1	7	9	9	9	8	7	1	0
4606	4	5	4	4	4	3	7	6	4	5	3	5	4	1	4	1	7	9	7	9	7	7	1	0
4607	4	4	4	4	4	2	6	5	4	5	3	5	5	2	4	3	5	9	9	9	9	7	1	0
4608	4	4	4	4	4	2	5	5	5	5	3	5	3	1	2	1	5	9	7	9	9	7	1	0
4609	4	4	4	5	4	3	5	5	5	5	3	5	3	1	4	1	6	9	7	9	8	7	1	0
4610	5	5	4	4	4	3	6	6	4	5	3	5	4	2	2	2	5	8	7	9	8	5	1	0
4611	5	6	4	5	4	2	6	5	4	5	3	4	5	1	2	1	7	9	9	9	7	7	1	0
4612	5	6	4	5	4	2	4	4	4	4	3	4	4	1	2	1	6	9	7	9	8	7	1	0
4613	5	6	4	3	4	2	6	6	5	5	3	4	5	1	2	1	6	8	9	8	9	7	1	0

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ILC	DAF	FDU	DNA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CE	COL	IDC	HER
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4615	4	4	4	6	5	2	5	5	4	5	3	5	5	1	2	1	6	8	9	8	9	7	1	0
4616	5	5	4	5	4	2	6	5	4	5	3	5	4	2	4	2	7	9	7	9	9	8	1	0
4617	5	3	4	5	4	3	6	5	4	5	2	5	4	1	1	1	7	9	9	9	8	8	1	0
4618	4	3	4	5	4	3	5	4	3	5	2	4	4	1	4	1	6	8	7	9	8	6	1	0
4619	5	3	4	5	3	3	5	5	4	5	2	5	4	1	2	1	8	8	9	8	8	9	1	0
4620	4	4	4	5	4	3	5	5	4	5	4	5	5	2	2	1	7	3	9	9	8	6	1	0
4621	5	5	4	4	5	2	7	6	4	6	3	5	5	1	2	1	6	9	9	9	9	6	1	0
4622	5	5	4	5	4	2	5	5	4	5	2	4	5	1	2	3	6	9	7	8	9	7	1	0
4623	5	5	4	5	3	2	6	5	4	5	3	4	4	1	2	1	6	8	9	9	8	8	1	0
4624	5	5	4	4	4	2	4	5	5	5	3	4	4	1	4	3	4	0	7	9	9	5	1	0
4625	4	4	4	3	4	2	6	5	4	5	4	5	4	1	1	1	5	0	7	8	9	6	1	0
4626	5	5	4	3	6	3	5	5	5	6	3	4	5	1	4	1	7	0	9	8	9	8	1	0
4627	5	5	4	2	4	2	5	6	6	6	4	4	5	1	2	1	6	0	9	8	9	8	1	0
4628	5	6	4	4	4	2	5	5	5	5	4	5	4	1	2	1	6	0	7	8	9	6	1	0
4629	5	6	4	2	4	2	5	5	4	5	3	4	4	1	2	1	6	0	7	8	9	7	1	0
4630	5	6	4	5	4	3	4	4	5	4	3	5	4	2	4	3	6	0	9	9	9	8	1	0
4631	5	6	4	4	3	2	5	5	5	5	3	5	3	1	2	1	6	0	9	9	9	8	1	0
4632	5	6	4	5	5	2	5	5	5	5	3	5	3	1	2	1	6	0	9	9	9	8	1	0
4633	4	5	4	4	4	2	5	5	4	5	3	4	4	1	2	1	7	0	9	9	9	4	1	0
4634	4	5	4	4	4	2	5	5	5	5	6	5	4	1	2	1	6	0	9	8	9	6	1	0
4635	5	6	4	1	3	2	5	5	5	5	4	4	4	1	2	1	7	0	7	8	9	5	1	0
4636	5	5	4	4	3	2	4	5	5	5	5	5	3	2	2	2	6	0	9	9	9	4	1	0
4637	4	4	4	4	3	2	5	5	4	3	3	6	4	2	2	2	4	0	9	9	9	9	1	0
4638	4	4	4	4	4	2	5	4	4	4	6	5	4	2	1	2	6	0	9	9	9	7	1	0
4639	4	5	4	4	4	2	5	5	5	4	2	0	5	2	2	2	6	0	9	9	9	8	1	0
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4641	4	4	4	1	3	2	5	5	4	4	4	5	4	1	1	1	7	0	9	8	9	8	1	0
4642	4	4	4	3	3	2	5	5	5	4	3	0	4	1	1	1	4	0	9	9	9	6	1	0
4643	4	5	4	2	4	2	5	5	5	4	3	0	4	2	4	2	6	0	9	8	9	9	1	0
4644	5	5	4	4	4	2	4	4	5	4	5	5	4	2	4	2	6	0	9	8	9	8	1	0
4645	5	5	5	3	4	2	7	7	6	6	3	4	4	1	4	1	5	0	9	9	9	9	1	0
4646	4	5	4	4	4	2	5	5	5	5	5	5	4	1	2	3	7	0	9	9	9	9	1	0
4647	5	4	4	2	3	2	5	5	6	5	5	5	4	1	2	1	3	0	9	9	9	9	1	0
4648	4	4	4	4	3	2	4	4	4	4	5	5	5	1	2	3	5	0	9	9	9	9	1	0
4649	5	4	4	2	4	2	5	5	5	5	4	5	5	1	2	1	6	0	9	9	9	8	1	0
4650	4	4	4	5	4	3	5	4	4	5	4	5	4	1	4	1	9	0	9	9	9	9	1	0
4651	4	4	4	5	4	3	3	3	4	4	3	4	4	1	1	1	9	0	7	9	9	9	1	0
4652	4	3	4	5	4	3	4	3	4	4	3	4	4	1	1	1	9	0	7	9	9	9	1	0
4653	4	5	4	4	4	3	4	4	5	5	5	5	5	1	2	1	9	0	9	9	9	9	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	P/AO	SS	SCO	SRO	ΔB	FW	LM	CC	CH	COL	IDC	HER
4654	4	4	4	4	5	3	4	4	4	4	0	5	4	1	4	1	9	0	7	9	9	9	1	0
4655	4	3	4	4	3	2	3	4	5	5	3	4	4	1	4	1	9	0	9	9	9	8	1	0
4656	4	4	4	5	4	3	3	2	3	3	4	5	4	1	2	3	9	0	9	9	9	9	1	0
4657	5	4	4	4	4	3	3	3	4	4	3	4	4	1	2	3	9	0	9	9	9	9	1	0
4658	5	5	4	2	4	2	3	4	6	4	5	5	5	1	4	1	9	0	9	9	9	9	1	0
4659	5	5	4	4	4	2	4	4	4	4	4	5	4	1	2	1	9	0	9	9	9	9	1	0
4660	4	5	4	4	5	2	4	4	4	5	3	4	4	1	4	1	9	0	9	9	9	9	1	0
4661	4	4	4	3	3	2	5	5	4	5	5	4	6	1	4	1	9	0	7	9	8	9	1	0
4662	4	4	4	4	4	2	5	5	5	5	2	5	8	1	2	1	9	0	7	9	9	9	1	0
4663	4	4	4	5	4	3	5	5	4	5	3	5	7	1	4	1	9	0	9	9	8	9	1	0
4664	4	5	5	3	4	3	4	4	4	5	6	4	7	1	2	1	9	0	9	9	9	8	1	0
4665	5	6	5	5	4	3	5	5	4	5	3	5	7	1	2	1	9	0	9	9	9	8	1	0
4666	5	5	4	5	5	3	5	5	4	5	3	5	5	1	2	1	9	0	9	9	9	8	1	0
4667	5	5	4	3	4	3	5	5	5	5	4	4	4	1	2	3	9	0	9	9	9	8	1	0
4668	5	5	4	4	4	3	5	5	4	4	3	5	6	1	4	1	9	0	7	9	8	8	1	0
4669	5	5	4	4	5	3	5	4	4	4	3	5	4	1	2	1	9	0	9	9	8	8	1	0
4670	4	5	4	4	4	3	4	4	4	5	7	4	5	1	4	1	9	0	9	9	9	9	1	0
4671	5	6	4	5	4	3	6	5	3	5	3	5	5	1	1	1	9	0	7	9	9	8	1	0
4672	4	5	4	4	4	2	4	4	4	4	5	5	5	1	4	1	9	0	7	9	9	9	1	4
4673	4	4	4	4	4	3	4	4	4	5	4	4	6	1	3	3	9	0	9	9	9	9	1	2
4674	5	5	4	5	3	3	5	4	3	4	2	5	6	2	2	1	9	0	9	9	9	9	1	6
4675	4	3	4	4	4	2	4	4	4	5	6	4	5	1	4	1	9	0	7	9	9	9	1	6
4676	4	4	4	5	3	3	4	4	4	5	4	4	5	1	4	1	9	0	9	9	9	9	1	5
4677	4	3	4	4	4	3	5	5	4	5	6	5	5	1	4	1	9	0	9	9	9	9	1	4
4678	6	6	5	5	4	4	6	5	4	5	6	5	5	1	4	1	9	0	9	9	9	8	1	4
4679	5	5	5	4	4	3	5	4	4	3	3	4	5	1	2	1	9	0	9	9	9	9	1	6
4680	5	5	4	3	4	3	4	4	4	5	4	4	6	2	2	3	9	0	9	9	8	9	1	6
4681	5	6	5	4	5	2	4	4	4	5	7	4	6	1	2	1	7	0	9	9	9	9	1	3
4682	4	3	4	5	4	3	5	4	4	5	5	4	5	1	4	1	7	0	9	9	9	9	1	5
4683	5	5	4	5	5	3	5	5	4	5	7	4	7	1	2	1	7	0	9	9	9	9	1	3
4684	4	5	5	5	4	3	5	5	5	5	4	5	7	1	2	1	7	0	9	9	9	9	1	2
4685	5	5	5	4	4	3	5	4	4	5	3	4	6	1	4	1	7	0	7	9	9	8	1	5
4686	4	3	4	4	4	3	5	4	3	5	2	4	6	1	1	1	7	0	9	9	9	9	1	5
4687	4	4	4	7	3	3	6	5	3	5	2	4	7	1	1	1	7	0	7	9	8	9	1	4
4688	4	4	4	4	4	3	4	4	4	5	2	5	6	1	2	1	7	0	9	9	9	9	1	6
4689	4	4	4	5	4	3	3	3	4	4	2	4	5	1	2	1	9	0	9	9	9	9	1	5
4690	4	3	4	4	4	2	4	3	4	4	2	4	4	1	4	1	9	0	9	9	7	9	1	5
4691	4	4	4	4	4	3	3	3	5	5	1	4	2	1	2	1	9	0	7	9	9	9	1	0
4692	4	3	4	4	4	3	4	4	5	5	2	4	4	1	2	1	9	0	7	9	9	9	1	5
4693	4	4	4	3	5	2	4	4	4	5	2	3	3	1	2	1	9	0	7	9	9	9	1	7

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
4694	4	4	4	3	4	2	4	5	7	6	4	4	3	1	4	1	9	0	7	9	9	9	1	5
4695	4	4	4	4	5	3	4	4	4	5	6	4	3	1	4	1	9	0	9	9	8	9	1	7
4696	6	4	4	4	4	3	4	4	4	4	4	5	5	1	4	1	9	0	7	9	9	9	1	6
4697	4	5	4	5	4	3	4	4	4	4	5	5	5	1	4	1	9	0	9	9	9	9	1	6
4698	4	4	4	5	4	3	3	3	4	4	4	4	4	1	4	3	9	0	9	9	9	9	1	5
4699	4	5	4	4	4	3	4	4	4	4	4	5	5	1	2	1	9	0	9	9	9	9	1	6
4700	5	5	4	4	5	2	4	4	4	4	4	5	4	1	2	1	9	0	9	9	9	9	1	5
4701	5	5	4	4	5	3	4	3	4	4	4	5	4	1	2	1	9	0	9	9	9	9	1	5
4702	5	5	4	2	5	3	4	4	4	4	4	5	4	1	2	1	9	0	9	9	9	9	1	5
4703	5	5	4	3	4	2	4	3	4	4	3	5	5	1	2	1	9	0	9	9	9	9	1	3
4704	5	5	4	4	5	3	5	4	4	4	4	5	6	1	2	1	9	0	9	9	9	9	1	4
4705	5	5	4	4	5	2	3	3	4	4	3	5	4	1	2	1	9	0	7	9	9	9	1	4
4706	5	5	4	3	4	2	4	4	5	5	3	4	4	1	1	1	9	0	9	9	9	9	1	4
4707	5	5	4	4	5	3	4	4	4	5	3	4	4	1	1	1	9	0	9	9	9	9	1	4
4708	4	4	4	4	5	3	5	5	4	5	4	5	4	1	4	1	9	0	9	9	9	9	1	5
4709	4	4	4	4	3	3	4	4	5	5	3	4	4	1	2	1	9	0	9	9	9	9	1	3
4710	5	6	5	4	4	3	4	4	6	5	3	4	4	1	2	1	9	0	9	9	9	9	1	4
4711	4	4	4	4	4	3	4	3	4	5	3	4	4	1	1	1	9	0	7	9	9	9	1	5
4712	4	4	4	4	6	2	4	4	4	5	3	4	4	1	2	1	9	0	9	9	9	9	1	6
4713	5	5	5	4	4	2	4	3	3	4	2	4	6	1	2	1	9	0	9	9	9	9	1	5
4714	5	6	5	5	5	3	5	4	4	5	2	4	5	1	4	1	9	0	9	9	8	9	1	0
4715	6	6	5	3	5	3	6	6	4	6	2	4	6	1	4	1	9	0	9	9	8	9	1	0
4716	6	6	5	4	4	3	6	5	4	6	2	4	6	1	4	1	9	0	7	9	9	9	1	6
4717	5	6	5	5	5	3	4	3	4	4	2	5	6	1	1	1	9	0	7	9	9	9	1	8
4718	5	1	5	2	4	2	4	3	4	5	2	3	7	1	2	1	9	0	7	9	9	9	1	6
4719	5	4	4	4	5	3	4	4	4	4	3	5	5	1	2	1	9	0	7	9	9	9	1	0
4720	5	4	5	4	4	2	4	4	5	5	1	4	6	1	2	1	9	0	7	9	8	9	1	7
4721	5	5	5	4	4	3	4	4	4	4	2	4	5	1	2	1	9	0	7	8	9	9	1	0
4722	4	4	4	5	4	2	5	4	4	5	2	4	7	1	1	1	9	0	7	9	9	9	1	0
4723	5	5	5	4	5	3	4	5	5	5	2	4	4	1	2	1	9	0	9	9	8	8	1	0
4724	5	6	4	4	4	3	4	3	3	4	1	4	7	1	2	1	9	0	9	9	8	9	1	7
4725	4	4	4	4	4	2	4	4	5	4	1	4	6	1	4	1	9	0	7	9	9	9	1	9
4726	4	3	4	3	5	2	5	5	4	4	3	5	5	1	4	1	6	0	7	9	9	8	1	0
4727	4	4	5	4	4	2	4	4	5	4	3	5	5	1	4	1	6	0	7	9	9	8	1	0
4728	4	4	5	3	4	2	4	3	4	4	4	5	5	1	4	1	7	0	7	9	9	9	1	6
4729	4	5	4	4	5	2	4	3	4	4	4	5	7	1	4	1	7	0	9	9	9	7	1	6
4730	5	5	4	5	5	2	4	4	4	4	5	5	6	1	2	1	8	0	9	9	5	9	1	7
4731	4	5	4	5	4	2	4	4	4	4	4	5	7	1	2	1	7	0	7	9	9	8	1	5
4732	4	4	4	4	5	3	4	4	4	4	3	5	4	1	2	1	7	0	9	9	9	9	1	5
4733	5	4	4	3	4	2	4	3	4	3	2	5	6	2	4	2	7	0	9	9	9	9	1	5

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
4734	4	5	4	4	4	2	2	2	5	4	3	3	4	1	2	1	7	0	7	9	8	9	1	6
4735	5	5	4	4	5	2	2	3	5	5	4	3	4	1	3	1	7	0	7	9	9	9	1	6
4736	5	5	4	4	5	3	4	3	4	5	3	4	5	1	2	3	9	0	7	9	9	9	1	7
4737	4	4	4	4	4	3	4	3	4	5	4	3	5	1	4	1	7	0	7	9	9	9	1	4
4738	4	5	5	4	5	4	5	5	4	6	8	3	5	1	2	1	8	0	7	9	9	9	1	7
4739	4	5	5	4	5	4	5	4	4	6	3	2	5	1	2	1	8	0	7	8	9	9	1	5
4740	5	6	5	4	5	4	5	4	4	5	6	4	5	1	3	3	9	0	9	9	9	9	1	6
4741	4	3	4	4	4	3	4	4	4	4	7	5	4	1	4	3	9	0	7	9	9	9	1	8
4742	4	5	4	4	5	3	5	5	4	5	3	5	4	1	2	1	9	0	7	9	9	9	1	5
4743	4	4	4	2	4	2	3	3	5	4	3	4	3	1	4	3	9	0	7	9	9	9	1	6
4744	5	5	5	5	4	4	6	7	3	6	4	5	5	1	2	1	9	0	7	9	9	9	1	5
4745	4	3	4	4	5	3	4	4	4	4	5	5	6	1	4	1	9	0	9	9	9	9	1	6
4746	5	6	4	3	5	3	4	4	5	5	3	5	4	1	2	1	9	0	9	9	8	9	1	5
4747	4	4	4	4	4	3	4	4	4	4	5	5	5	1	4	1	7	0	9	9	9	9	1	8
4748	5	5	4	5	5	4	4	3	4	3	3	5	5	1	1	1	7	0	7	9	8	9	1	8
4749	4	3	4	5	5	3	3	3	4	4	2	5	4	1	2	3	7	0	7	8	9	9	1	9
4750	4	3	4	4	5	3	3	1	3	4	2	4	6	1	2	3	7	0	9	9	9	9	1	4
4751	4	4	4	5	4	3	4	3	3	4	2	4	6	1	2	3	7	0	9	9	9	8	1	0
4752	4	3	4	5	4	3	4	3	4	4	3	5	5	1	2	1	7	0	9	9	9	8	1	0
4753	4	4	4	4	4	3	4	4	4	4	3	4	6	1	1	1	7	0	7	9	9	8	1	5
4754	4	4	4	3	4	2	3	3	4	4	3	4	5	1	2	1	7	0	9	9	9	8	1	0
4755	5	5	4	4	4	3	4	3	4	4	2	4	6	1	1	1	7	0	9	9	9	9	1	0
4756	4	4	4	5	4	3	4	4	4	4	3	5	5	1	1	1	7	0	7	9	9	8	1	5
4757	5	5	4	4	4	2	4	4	4	5	3	4	5	1	4	1	9	0	9	9	9	9	1	6
4758	5	5	4	4	4	3	4	4	4	5	3	4	3	1	1	2	9	0	9	9	9	9	1	6
4759	4	4	4	4	4	2	4	4	4	5	4	4	4	1	4	1	9	0	7	9	9	8	1	5
4760	4	4	4	4	4	2	5	5	4	5	4	4	5	1	2	1	9	0	9	9	9	8	1	7
4761	4	4	4	3	3	2	5	5	4	6	4	4	5	1	4	1	9	0	9	9	9	9	1	7
4762	5	5	4	5	4	3	5	5	4	5	4	4	4	1	1	1	9	0	9	9	9	9	1	7
4763	4	4	4	3	4	2	4	4	5	5	3	4	5	1	2	1	9	0	7	9	9	8	1	5
4764	5	5	4	4	4	2	5	4	4	5	3	4	5	1	1	1	9	0	9	9	9	9	1	3
4765	4	3	4	5	4	3	5	5	4	5	3	5	6	1	4	1	9	0	7	9	9	9	1	6
4766	4	3	4	5	4	3	5	4	4	5	2	5	5	1	4	1	7	0	7	9	9	8	1	6
4767	4	5	4	5	4	3	5	5	5	5	4	4	5	1	4	1	7	0	7	9	9	9	1	7
4768	5	5	4	4	4	3	5	5	5	5	6	4	3	1	4	1	7	0	9	9	9	9	1	3
4769	4	4	4	4	4	3	5	4	4	5	8	5	5	1	4	1	7	0	7	9	9	8	1	3
4770	4	4	4	5	3	2	5	5	4	5	6	4	4	1	2	1	7	0	7	9	9	8	1	2
4771	4	3	5	3	4	2	5	5	5	5	4	4	4	1	4	1	7	0	9	8	9	8	1	3
4772	4	4	4	3	4	2	4	4	5	5	3	3	5	1	4	1	7	0	9	9	9	7	1	4
4773	4	3	4	2	5	2	4	4	5	5	3	3	5	1	2	1	9	0	7	9	9	9	1	5

## 370 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER	
4774	6	6	4	6	4	3	5	5	4	5	2	4	5	1	3	3	9	0	7	9	9	9	8	1	2
4775	4	3	4	6	4	3	5	4	4	5	3	5	4	1	4	1	9	0	9	9	9	9	9	1	5
4776	4	4	4	4	4	2	4	5	5	5	4	4	4	1	1	1	9	0	9	9	9	9	9	1	6
4777	4	4	4	5	3	3	5	5	4	5	4	4	5	1	2	1	9	0	7	9	9	9	9	1	6
4778	4	3	4	5	4	3	5	5	4	5	1	4	5	1	2	1	9	0	9	9	9	9	9	1	7
4779	4	3	4	5	4	3	4	4	4	5	2	4	4	1	2	1	9	0	9	9	9	9	9	1	7
4780	4	4	4	4	4	3	4	4	5	5	2	4	4	1	2	1	9	0	7	9	9	9	9	1	6
4781	4	3	4	4	5	3	4	4	4	5	2	4	4	1	2	1	9	0	9	9	9	9	9	1	0
4782	4	3	4	4	4	3	5	4	4	5	2	4	4	1	2	1	9	0	9	9	9	9	9	1	0
4783	4	4	4	5	5	3	5	5	4	5	2	4	4	1	2	1	9	0	9	9	9	9	9	1	0
4784	4	4	4	5	3	2	5	5	5	5	1	5	4	1	2	1	9	0	9	9	9	9	9	1	0
4785	4	4	4	5	4	2	5	5	5	5	2	5	5	1	4	3	9	0	9	9	9	9	9	1	5
4786	4	4	4	5	5	2	5	5	5	5	2	4	5	1	1	1	9	0	9	9	9	9	9	1	0
4787	4	4	4	5	4	3	5	5	4	5	3	4	5	1	4	1	9	0	9	9	9	9	9	1	6
4788	4	5	4	4	4	2	5	5	5	5	3	4	5	1	4	1	9	0	9	9	9	9	9	1	0
4789	5	4	4	6	3	3	5	5	4	5	2	4	5	1	2	1	9	0	9	9	9	9	8	1	5
4790	4	5	4	4	3	3	5	5	4	5	3	4	5	1	2	1	9	0	9	9	9	9	9	1	0
4791	5	5	4	4	4	3	5	5	5	5	3	4	4	1	1	1	9	0	7	9	9	9	9	1	5
4792	6	6	5	5	4	3	6	6	5	6	2	4	5	1	4	3	9	0	9	9	9	9	9	1	0
4793	5	5	4	5	4	3	6	6	4	5	3	5	6	1	1	1	9	0	7	9	9	9	8	1	0
4794	5	5	4	4	4	2	6	5	4	5	3	5	6	1	1	1	9	0	9	9	9	9	9	1	0
4795	4	4	4	5	3	3	5	5	4	5	2	4	7	1	4	1	9	0	9	9	9	9	9	1	0
4796	5	5	4	4	3	2	4	4	5	5	3	4	5	1	2	1	9	0	7	9	9	9	9	1	0
4797	4	4	4	4	4	3	5	5	4	5	4	4	5	1	2	1	9	0	9	9	9	9	9	1	0
4798	5	5	4	5	4	3	5	5	4	5	4	5	5	1	1	1	9	0	7	9	9	9	9	1	0
4799	5	5	4	5	4	2	5	5	4	5	3	5	5	1	1	1	9	0	9	9	9	9	9	1	0
4800	4	4	4	4	5	3	5	5	5	5	3	4	4	1	1	1	9	0	9	9	9	9	9	1	0
4801	5	5	4	5	3	2	5	5	5	5	3	5	5	2	2	1	9	0	9	9	9	9	8	1	0
4802	4	4	4	5	4	2	5	5	4	5	2	4	4	1	3	3	9	0	9	9	9	9	9	1	0
4803	4	3	4	4	3	2	6	6	5	6	4	4	5	1	2	1	9	0	9	9	9	9	9	1	0
4804	4	3	4	4	4	3	5	5	4	5	3	5	5	1	1	1	9	0	9	9	9	9	9	1	2
4805	4	3	4	5	4	2	6	5	4	5	2	5	5	1	1	1	9	0	9	9	9	9	9	1	2
4806	3	2	4	5	4	3	6	5	4	5	3	5	5	1	4	1	9	0	9	9	9	9	9	1	3
4807	4	3	4	5	4	2	5	4	4	5	1	4	6	1	3	3	9	0	9	9	9	9	9	1	4
4808	4	4	4	6	4	3	5	5	3	5	2	4	6	1	3	3	9	0	9	9	9	9	9	1	7
4809	4	3	4	4	4	2	5	4	4	5	2	4	6	1	3	3	9	0	9	9	9	9	9	1	4
4810	4	4	4	4	5	3	5	4	3	5	2	4	5	1	3	3	9	0	9	9	9	9	9	1	6
4811	4	3	4	5	4	3	5	4	4	5	2	4	6	1	3	3	9	0	9	9	9	9	9	1	4
4812	4	4	4	5	4	3	5	5	4	5	3	4	6	1	3	3	9	0	9	9	9	9	9	1	5
4813	4	4	4	4	4	2	6	5	4	5	3	4	7	1	3	3	9	0	9	9	9	9	9	1	6



ILC	DAF	FDU	DMA	HGT	CAW	GRH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	LB	FW	LM	CC	CN	COL	IDC	HER
4814	4	4	4	4	4	2	5	5	4	5	2	4	6	1	3	3	9	0	9	9	9	9	1	5
4815	4	3	4	5	4	3	5	5	4	5	2	4	6	1	3	3	9	0	9	9	9	9	1	0
4816	4	3	4	5	3	2	5	4	4	5	2	4	6	1	3	3	9	0	9	9	9	9	1	0
4817	4	4	4	5	4	2	5	5	4	5	3	4	5	1	1	1	9	0	9	9	9	9	1	0
4818	5	5	4	4	4	3	5	6	5	5	2	5	5	1	1	1	9	0	7	9	9	9	1	0
4819	4	4	4	5	4	3	6	6	4	6	3	4	5	1	4	1	9	0	7	9	9	9	1	0
4820	4	4	4	5	3	2	5	5	4	5	2	5	6	1	2	1	9	0	7	9	9	9	1	0
4821	4	5	4	4	4	3	6	6	4	5	3	5	5	1	4	1	9	0	7	9	9	9	1	0
4822	5	5	4	5	4	2	5	6	5	5	3	5	5	1	1	1	9	0	7	9	9	9	1	0
4823	5	6	4	4	4	2	5	5	4	6	3	4	6	1	4	1	9	0	7	9	9	9	1	0
4824	4	4	4	5	4	3	6	6	4	5	2	5	5	1	2	1	7	0	9	9	9	8	1	0
4825	4	4	4	4	4	2	5	5	4	5	1	5	5	1	1	1	7	0	9	9	9	9	1	0
4826	5	5	4	4	3	2	5	5	5	5	2	5	6	2	4	2	6	0	9	9	9	9	1	0
4827	5	6	4	3	3	2	5	4	4	5	3	5	5	1	4	1	7	0	9	9	9	9	1	0
4828	4	4	4	4	4	2	5	5	4	5	3	5	7	2	2	1	5	0	7	9	9	9	1	0
4829	4	3	4	4	4	2	6	5	4	5	2	5	4	2	2	3	4	0	9	9	9	9	1	0
4830	4	4	4	6	4	3	5	5	3	4	2	5	6	1	2	1	4	0	7	9	9	9	1	0
4831	4	4	4	5	3	3	5	5	4	5	2	5	5	1	4	1	4	0	9	9	9	9	1	0
4832	4	4	4	6	4	3	7	6	4	5	3	5	4	1	2	1	6	0	9	9	9	9	1	0
4833	5	5	4	5	3	3	6	6	4	5	3	5	3	1	2	1	7	0	7	9	9	9	1	0
4834	4	4	4	5	4	2	5	5	4	5	2	5	5	1	4	1	6	0	9	9	9	8	1	0
4835	5	4	4	4	4	2	5	5	5	4	3	5	3	1	2	1	3	0	9	9	9	8	1	0
4836	4	4	4	5	4	3	5	5	4	5	2	5	4	1	2	1	7	0	9	9	9	9	1	0
4837	4	3	4	5	4	3	6	5	4	4	1	5	4	1	2	1	7	0	9	9	9	9	1	0
4838	4	4	4	6	3	3	6	6	4	5	2	5	5	1	2	1	4	0	9	9	9	9	1	5
4839	4	3	4	5	4	3	6	5	4	4	2	6	4	1	2	1	6	0	7	9	9	9	1	0
4840	4	3	4	5	4	3	5	5	5	4	2	6	3	1	4	1	4	0	7	9	9	9	1	0
4841	4	4	4	7	4	3	6	5	4	4	2	6	4	1	2	1	6	0	9	9	9	9	1	0
4842	4	4	4	5	4	3	5	5	5	4	3	5	4	2	4	2	7	0	9	9	9	9	1	0
4843	4	5	4	5	4	3	6	6	5	5	6	5	4	2	2	2	5	0	9	9	9	8	1	0
4844	4	4	4	5	4	3	6	6	4	5	3	5	5	2	4	2	5	0	7	9	9	9	1	0
4845	4	4	4	5	3	3	6	6	4	5	3	5	4	2	4	2	6	0	9	9	9	9	1	0
4846	5	5	4	4	3	2	6	6	5	5	3	5	5	1	1	1	6	0	9	9	9	9	1	5
4847	5	4	4	2	3	2	5	5	5	5	2	5	5	2	1	2	6	0	7	9	9	9	1	0
4848	4	4	4	4	3	2	5	5	5	5	3	5	4	1	1	1	6	0	9	9	9	9	1	0
4849	4	4	4	5	3	2	5	5	5	5	2	5	5	1	4	1	6	0	7	9	9	9	1	1
4850	6	6	4	5	3	2	5	5	5	5	4	5	5	1	4	1	5	0	9	9	8	9	1	1
4851	5	6	4	4	3	2	5	5	5	4	3	6	6	1	4	1	5	0	9	9	9	9	1	1
4852	4	4	4	4	3	2	6	6	5	5	2	5	5	1	4	1	5	0	9	9	9	9	1	2
4853	5	5	4	5	4	2	5	5	5	5	4	5	3	1	2	1	5	0	9	9	9	8	1	3

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
4854	5	6	5	4	4	3	5	6	6	5	3	5	4	1	2	1	3	0	7	9	9	9	1	6
4855	4	4	4	7	4	2	6	5	4	5	1	5	6	1	1	1	5	0	7	9	9	9	1	3
4856	4	4	4	6	4	2	6	5	4	4	2	5	5	1	2	1	7	0	9	9	9	8	1	4
4857	4	4	4	7	4	3	6	6	4	5	2	5	5	1	2	1	3	0	9	9	9	8	1	3
4858	4	4	4	7	3	3	5	5	4	4	3	5	5	1	2	1	4	0	7	9	9	8	1	3
4859	4	3	4	7	3	3	6	5	3	4	2	5	6	1	4	1	6	0	7	9	9	9	1	3
4860	4	4	4	5	4	2	5	5	4	5	2	5	4	1	4	1	5	0	9	9	9	9	1	3
4861	4	4	4	4	4	2	5	5	5	5	3	5	5	1	2	1	5	0	9	9	9	8	1	2
4862	4	4	4	7	3	3	6	6	4	5	2	5	6	1	4	1	5	0	9	9	9	9	1	2
4863	5	5	4	5	4	2	5	5	4	5	5	5	4	1	2	1	7	0	7	9	9	8	1	3
4864	4	5	4	4	4	2	6	6	5	5	4	5	5	1	2	3	5	0	9	9	9	8	1	5
4865	4	6	4	5	2	2	6	6	5	5	3	5	4	1	2	3	5	0	9	9	9	9	1	4
4866	5	5	4	4	3	2	5	5	5	5	2	5	4	2	2	1	5	0	7	9	9	9	1	4
4867	4	4	4	4	3	3	6	6	5	5	1	5	4	1	1	1	5	0	7	9	9	9	1	4
4868	4	3	4	5	4	3	6	6	4	5	3	5	6	1	2	1	7	0	7	9	9	9	1	3
4869	4	4	4	5	4	3	5	5	4	4	2	5	5	1	4	1	7	0	7	9	9	9	1	5
4870	4	4	4	5	4	3	5	5	4	5	5	5	4	1	4	1	5	0	7	9	9	9	1	4
4871	4	4	4	3	4	3	6	5	4	5	3	5	5	1	4	1	5	0	7	9	9	8	1	4
4872	4	5	4	5	3	3	5	5	4	5	3	5	5	1	4	1	6	0	9	9	9	9	1	3
4873	4	4	4	4	4	3	6	6	4	5	2	5	5	1	4	1	7	0	7	9	9	9	1	6
4874	4	4	4	5	4	3	6	5	4	5	3	5	5	1	4	1	7	0	7	9	9	8	1	5
4875	4	4	4	5	3	3	6	7	6	6	3	5	5	1	4	1	6	0	7	9	9	9	1	4
4876	5	6	4	4	5	3	6	6	5	5	3	5	5	1	4	1	7	0	7	9	9	9	1	5
4877	5	4	4	5	4	2	6	6	6	5	3	5	5	1	4	1	7	0	7	9	9	9	1	5
4878	4	4	4	4	4	3	6	6	5	5	4	6	5	2	2	2	5	0	9	9	9	9	1	4
4879	4	4	4	4	4	2	5	5	5	5	2	5	4	1	1	1	7	0	9	9	9	9	1	2
4880	4	4	4	5	3	2	5	5	5	5	3	5	4	1	2	3	5	0	9	9	9	9	1	3
4881	4	4	4	7	4	3	5	5	4	4	3	5	5	1	1	1	3	0	9	9	9	9	1	3
4882	5	5	4	5	4	3	6	6	5	5	3	5	5	1	2	1	5	0	9	9	9	8	1	3
4883	4	4	4	5	4	3	6	6	4	5	2	5	5	1	2	1	4	0	9	9	9	8	1	2
4884	5	6	4	5	4	3	6	5	3	5	2	5	4	1	4	1	3	0	9	9	9	8	1	2
4885	4	6	5	4	4	2	5	6	7	5	5	5	3	1	2	1	4	0	7	9	9	8	1	4
4886	5	5	4	6	4	3	5	5	5	5	3	5	4	1	4	1	7	0	7	9	9	9	1	4
4887	4	4	4	4	3	2	5	5	5	5	3	5	4	1	1	1	7	0	7	9	9	9	1	2
4888	5	5	4	4	5	2	5	6	5	6	5	4	4	1	2	1	6	0	9	9	9	9	1	4
4889	4	4	4	7	2	2	6	6	4	5	3	5	3	1	2	1	6	0	7	9	9	9	1	4
4890	4	4	4	5	4	3	5	5	4	4	4	5	3	1	4	1	6	0	9	9	9	9	1	5
4891	5	6	4	5	4	2	5	5	5	5	3	5	5	1	4	1	6	0	7	9	9	9	1	6
4892	4	4	4	4	3	2	5	5	5	5	3	5	3	1	1	1	5	0	7	9	9	9	1	6
4893	5	5	4	5	4	2	5	5	5	5	3	4	4	1	1	1	6	0	7	9	9	8	1	5

ILC	DAF	FDU	DMA	HGT	CAW	GrE	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER	
4894	4	5	4	5	5	3	5	5	5	5	3	5	5	1	2	1	6	0	7	9	9	8	1	0	
4895	4	4	4	4	4	3	5	5	4	4	3	5	4	2	4	1	5	0	7	9	9	7	1	0	
4896	4	4	4	6	4	3	5	5	5	5	3	4	5	1	2	1	6	0	7	9	9	8	1	0	
4897	4	4	4	4	4	3	5	5	5	5	3	5	5	2	2	1	7	0	7	9	9	9	1	0	
4898	4	4	4	4	4	3	5	5	5	5	2	5	5	2	2	1	7	0	7	9	9	9	1	5	
4899	5	5	4	5	4	3	5	5	4	5	2	5	5	1	1	1	7	0	9	9	9	9	1	0	
4900	4	4	4	4	4	2	4	5	6	5	3	5	4	1	2	1	7	0	7	9	9	5	1	0	
4901	4	4	4	5	4	2	5	5	5	5	3	5	6	1	1	1	5	0	7	9	9	9	1	5	
4902	4	4	4	5	4	3	6	5	4	5	2	5	6	2	4	2	6	0	9	9	9	8	1	0	
4903	4	4	4	5	4	3	5	5	5	5	4	5	4	1	2	1	6	0	7	9	9	8	1	0	
4904	4	5	4	5	3	3	5	5	5	5	2	5	5	1	4	3	6	0	7	9	9	9	1	0	
4905	4	3	4	4	4	3	5	5	5	4	3	5	5	1	4	1	5	0	7	9	9	8	1	5	
4906	5	5	4	4	3	2	5	5	4	5	4	5	5	1	2	3	6	0	9	9	9	9	1	0	
4907	6	6	4	4	4	2	5	6	6	5	3	5	4	1	1	3	7	0	9	9	9	9	1	0	
4908	4	4	4	4	4	2	5	5	5	5	5	5	4	2	4	2	6	0	7	9	9	8	1	5	
4909	5	4	4	4	4	2	4	4	5	5	4	4	4	1	2	1	5	0	9	9	9	8	1	5	
4910	4	5	4	4	4	2	5	5	4	5	4	5	4	1	2	1	6	0	9	9	9	8	1	5	
4911	4	4	4	5	4	3	5	5	4	5	3	4	5	1	4	1	7	0	7	9	9	9	1	5	
4912	5	4	4	4	4	2	5	5	5	5	6	4	5	1	1	1	6	0	7	9	9	9	1	5	
4913	5	5	4	3	4	2	5	5	5	5	4	4	5	1	4	1	3	0	9	9	9	9	1	5	
4914	4	4	4	4	4	2	4	4	4	5	5	4	4	1	2	1	6	0	9	9	9	9	1	5	
4915	4	4	4	3	5	2	4	4	4	5	5	4	5	1	1	1	6	0	9	9	9	9	1	0	
4916	6	6	5	2	4	2	3	4	5	4	5	4	4	2	2	2	5	0	9	9	9	9	1	5	
4917	6	6	5	4	4	2	4	5	5	5	5	5	4	1	4	1	6	0	9	9	8	9	1	5	
4918	4	6	4	4	5	2	4	4	4	4	4	4	4	1	4	1	5	0	7	9	9	9	1	6	
4919	4	4	4	4	4	2	5	5	4	5	3	4	5	1	2	3	6	0	9	9	9	8	1	6	
4920	5	6	4	4	4	2	5	5	5	5	3	5	4	1	2	1	4	0	9	9	9	8	1	7	
4921	4	4	4	4	4	2	4	4	5	4	3	5	3	1	1	1	7	0	9	9	8	8	1	3	
4922	4	3	4	4	4	2	4	4	5	4	3	5	3	1	4	1	6	0	9	9	9	8	1	5	
4923	4	4	4	5	3	3	4	4	5	5	3	4	3	1	2	3	6	0	9	9	9	9	1	6	
4924	4	4	5	5	4	3	5	4	3	4	4	5	6	1	2	1	6	0	9	9	9	9	1	7	
4925	4	3	4	4	5	3	4	4	4	5	4	5	4	2	2	2	5	0	9	9	9	8	1	6	
4926	4	3	4	5	5	3	4	3	4	4	4	4	4	2	4	1	7	0	9	9	9	9	1	5	
4927	4	4	4	3	4	2	4	4	4	4	4	4	5	4	1	4	1	7	0	7	9	9	8	1	3
4928	5	4	5	5	4	2	4	4	5	5	4	4	5	2	4	2	7	0	9	9	9	9	1	5	
4929	5	5	5	5	4	3	4	4	5	5	4	4	4	1	4	1	7	0	9	9	9	8	1	5	
4930	4	4	4	4	4	2	4	4	4	5	3	5	3	2	2	2	5	0	7	9	9	9	1	8	
4931	5	5	4	2	5	2	3	3	5	4	3	4	1	1	2	1	5	0	7	9	9	9	1	2	
4932	4	4	4	4	4	2	4	4	4	5	4	4	5	1	2	1	5	0	7	9	9	9	1	2	
4933	5	4	4	4	3	2	4	4	5	4	3	5	7	1	4	1	6	0	9	9	9	9	1	4	

ILC	DAF	FDU	DMA	HGT	CAW	GPH	BYD	SYD	EI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER	
4934	5	6	4	3	4	2	5	6	6	5	4	5	5	1	1	1	5	0	9	9	9	8	1	5	
4935	5	6	4	4	4	2	5	4	4	4	5	5	6	1	2	1	6	0	9	9	9	9	6	1	5
4936	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	0	0	0	0	0	0
4937	4	5	4	4	4	3	5	5	4	4	4	5	5	1	4	1	5	0	9	9	9	8	1	0	
4938	4	3	4	5	4	3	5	5	5	4	3	5	5	1	2	1	5	0	9	9	9	7	1	0	
4939	5	4	4	4	5	3	5	5	4	4	4	5	5	2	2	3	6	0	9	9	9	9	1	7	
4940	4	4	4	4	5	3	5	4	4	4	3	5	5	2	2	1	4	0	7	9	9	8	1	7	
4941	4	4	4	5	4	2	5	5	5	4	3	6	5	2	2	3	5	0	7	9	9	8	1	0	
4942	4	4	4	4	4	2	4	4	4	4	3	5	5	1	1	1	5	0	7	9	9	8	1	0	
4943	5	3	4	5	4	2	5	5	4	4	2	5	4	1	1	1	5	0	9	9	9	8	1	0	
4944	6	6	4	6	4	3	4	4	4	4	4	5	7	1	1	1	6	0	7	9	9	9	1	5	
4945	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	0	9	0	9	0	0	0
4946	4	3	4	4	4	2	4	4	4	5	3	5	6	1	2	1	6	0	9	9	9	9	1	6	
4947	4	4	4	4	4	2	4	5	5	4	3	5	4	1	2	1	5	0	7	9	9	8	1	6	
4948	4	4	4	4	5	2	5	4	4	4	3	5	5	1	2	1	9	0	7	9	9	9	1	5	
4949	4	4	4	4	4	3	5	4	4	5	3	4	5	1	2	1	9	0	7	9	9	9	1	0	
4950	4	4	5	5	4	3	6	5	3	5	2	4	7	1	2	1	9	0	9	9	9	9	1	0	
4951	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	9	0	7	0	0	0	0	0	0
4952	5	6	5	4	4	3	5	5	5	5	5	4	5	1	2	1	9	0	9	9	8	9	1	0	
4953	5	6	5	5	5	3	5	5	5	5	4	5	7	1	2	1	9	0	9	9	9	9	1	3	
4954	4	5	4	4	5	3	5	5	5	5	3	5	7	1	1	1	9	0	7	9	8	8	1	3	
4955	5	5	5	5	4	2	5	4	4	5	4	4	6	1	4	1	6	9	9	9	9	8	1	0	
4956	5	6	5	4	4	2	4	4	4	5	4	4	5	1	4	1	5	9	7	9	9	8	1	0	
4957	5	4	5	5	4	3	6	5	4	5	3	5	7	1	4	1	6	8	9	9	9	8	1	0	
4958	5	6	4	5	4	3	5	5	4	5	4	5	7	1	1	1	6	8	7	9	8	8	1	0	
4959	5	5	4	5	4	3	5	5	4	5	4	5	6	1	1	1	5	7	7	8	9	8	1	0	
4960	6	6	5	4	4	3	6	5	4	5	4	5	6	1	4	1	5	9	9	9	9	6	1	0	
4961	5	5	4	5	5	3	5	5	4	5	6	5	6	1	4	1	7	9	7	9	9	7	1	0	
4962	6	6	4	4	4	2	5	5	5	6	6	4	6	1	4	1	5	8	9	9	9	7	1	0	
4963	4	5	4	4	4	2	4	4	4	4	5	5	4	1	2	1	6	8	9	9	8	8	1	0	
4964	5	6	4	3	4	2	4	4	4	4	3	5	4	2	2	2	5	8	9	9	8	8	1	0	
4965	5	5	4	1	5	2	3	4	5	5	4	4	4	1	4	1	6	8	9	9	8	6	1	0	
4966	5	6	4	2	4	2	4	4	5	5	3	4	3	1	4	1	5	8	7	9	9	6	1	0	
4967	5	6	4	5	4	2	5	5	5	5	3	4	3	1	4	1	7	7	7	9	9	8	1	0	
4968	5	3	4	5	4	2	4	4	5	5	3	4	3	1	4	1	7	9	7	9	8	8	1	0	
4969	5	5	4	4	4	2	4	5	5	5	3	4	4	1	4	1	5	9	9	9	8	7	1	0	
4970	5	6	4	5	4	2	5	4	4	5	3	4	4	1	2	1	5	9	9	9	8	8	1	0	
4971	5	6	4	4	5	3	4	4	4	4	4	5	4	1	4	1	6	9	9	9	9	5	1	0	
4972	5	6	4	4	6	4	3	3	5	4	3	5	3	2	1	2	4	9	7	9	9	4	1	0	
4973	4	5	4	3	7	3	4	5	5	5	3	5	3	1	2	1	5	9	7	9	9	4	1	0	

ILC	DAF	PDU	DNA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	ESW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CW	COL	IDC	HER
4974	4	4	4	3	5	2	3	3	4	3	3	5	4	1	2	1	4	9	9	9	9	5	1	0
4975	5	5	4	2	5	2	2	2	5	3	2	5	4	1	2	1	5	9	7	9	8	6	1	0
4976	5	5	4	3	5	3	3	4	5	4	3	4	5	1	2	1	3	9	7	9	7	6	1	0
4977	4	4	4	4	5	2	3	4	5	4	3	4	4	1	4	1	5	9	9	9	7	6	1	0
4978	4	3	4	2	5	2	2	3	5	4	3	4	1	1	4	1	4	9	9	9	9	9	1	0
4979	4	4	4	3	6	2	2	3	5	4	3	4	4	1	4	1	6	8	9	9	9	8	1	0
4980	5	6	4	3	8	2	4	4	5	5	4	4	4	1	1	1	5	9	9	9	9	8	1	0
4981	6	5	4	5	5	3	4	4	5	4	5	5	5	1	1	1	6	9	9	9	8	6	1	0
4982	4	4	4	5	5	3	5	5	4	5	4	5	4	1	2	1	5	9	9	9	8	8	1	0
4983	5	5	4	4	6	2	4	3	4	3	3	5	6	1	2	1	6	9	8	9	8	5	1	0
4984	4	4	4	4	6	2	4	4	4	4	5	5	5	1	2	1	3	9	9	9	9	6	1	0
4985	5	5	4	4	5	2	5	4	4	5	5	4	5	1	4	1	6	9	7	9	8	6	1	0
4986	5	5	4	4	6	2	3	3	4	4	4	4	6	1	4	1	3	9	7	9	8	5	1	0
4987	4	4	4	4	5	3	5	5	5	5	4	4	6	2	2	2	3	8	7	9	8	7	1	0
4988	4	4	5	4	5	3	5	5	4	5	3	5	6	1	1	1	5	9	9	9	8	5	1	0
4989	5	6	5	4	6	4	5	5	4	5	4	5	6	1	2	1	4	9	9	9	7	6	1	0
4990	6	6	5	4	5	3	5	5	5	5	4	5	6	1	2	1	5	9	7	9	8	5	1	0
4991	5	5	5	4	6	3	4	4	5	4	4	5	5	1	2	1	5	9	7	9	8	5	1	0
4992	4	5	4	3	6	3	4	4	4	4	4	4	6	1	2	1	6	9	7	9	8	8	1	0
4993	5	4	4	6	6	3	5	5	4	5	4	4	6	1	1	1	5	9	7	9	8	8	1	0
4994	5	5	5	4	4	2	5	5	5	5	4	5	6	1	2	1	6	9	9	9	8	6	1	0
4995	4	4	4	5	5	2	5	5	5	5	3	5	5	1	2	1	6	9	9	9	8	7	1	0
4996	5	4	4	4	6	3	3	3	4	4	3	4	4	2	2	2	6	9	9	9	8	5	1	0
4997	4	4	4	5	5	2	4	4	4	5	3	4	4	1	4	3	5	9	9	9	8	6	1	0
4998	4	4	4	4	6	3	3	3	5	4	3	5	4	1	2	1	5	8	7	9	8	8	1	0
4999	5	4	4	4	6	2	4	4	5	5	4	4	4	1	2	1	6	7	9	9	8	8	1	0
5000	4	4	4	4	4	3	4	5	5	5	3	5	5	2	2	1	6	9	9	9	8	6	1	0
5001	6	5	4	6	5	2	5	5	5	5	4	5	5	2	2	2	6	9	8	9	7	6	1	0
5002	5	5	4	5	6	3	5	4	4	4	4	5	6	1	2	1	7	9	9	9	9	6	1	0
5003	5	6	4	6	4	3	5	6	6	5	4	5	6	1	2	1	6	9	9	9	9	7	1	0
5004	5	6	4	4	6	2	4	4	4	4	4	5	5	1	2	1	5	9	7	9	8	7	1	0
5005	4	4	4	4	5	2	4	4	5	5	5	4	4	1	4	1	5	9	9	9	9	7	1	0
5006	4	4	4	4	6	2	4	4	5	4	4	4	5	1	2	1	6	9	9	9	8	8	1	0
5007	4	4	4	5	5	2	4	3	4	4	3	4	4	1	4	3	3	9	7	8	9	6	1	0
5008	4	4	4	3	5	2	3	3	5	4	4	4	3	1	2	1	6	9	9	9	8	7	1	0
5009	5	4	4	4	6	2	3	3	5	4	4	5	4	1	2	1	6	8	9	9	8	7	1	0
5010	5	6	5	4	5	2	4	5	5	5	5	4	5	1	4	1	7	9	9	9	8	6	1	0
5011	5	5	5	4	5	3	4	4	5	5	3	5	4	1	4	1	7	8	9	9	8	6	1	0
5012	5	6	5	5	5	3	5	5	5	5	4	5	5	1	4	1	7	9	9	9	8	6	1	0
5013	5	4	4	4	5	2	4	4	4	5	4	4	4	1	2	1	5	9	7	9	9	7	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
5014	5	6	4	5	5	2	5	5	4	5	4	5	5	1	2	1	6	9	9	9	9	6	1	0
5015	5	5	5	4	6	2	3	3	4	4	4	4	5	1	4	1	7	7	8	9	8	8	1	0
5016	5	4	4	4	5	2	4	4	4	5	2	4	5	1	2	1	7	8	7	9	8	5	1	0
5017	5	4	4	4	5	2	4	4	5	4	5	5	3	1	4	1	5	9	9	9	9	7	1	0
5018	4	3	4	5	5	3	5	5	4	5	4	5	6	2	2	2	7	9	9	9	9	6	1	0
5019	5	5	5	3	4	2	5	5	5	5	5	4	4	1	4	1	7	9	9	9	9	6	1	0
5020	5	6	5	4	5	2	5	5	5	5	5	4	4	1	2	1	7	0	9	9	9	6	1	0
5021	4	4	4	4	5	2	5	5	5	5	4	4	6	1	4	1	7	8	9	9	7	7	1	0
5022	6	6	5	4	4	2	4	5	5	5	7	4	4	1	4	1	7	8	9	9	7	7	1	0
5023	4	4	4	4	5	2	5	5	5	5	4	4	7	1	2	1	7	9	7	9	8	5	1	0
5024	4	5	5	4	6	3	3	3	5	4	3	4	5	1	2	1	6	9	8	9	7	7	1	0
5025	5	6	5	2	7	2	5	5	5	5	6	4	5	1	1	1	5	8	9	8	7	8	1	0
5026	4	4	4	5	4	2	5	5	5	5	4	4	6	1	2	1	6	8	9	9	9	7	1	0
5027	5	4	4	4	4	2	5	5	5	5	4	4	6	1	4	1	7	8	9	9	9	6	1	0
5028	5	4	4	5	5	2	4	4	5	5	4	4	5	1	4	1	6	9	9	9	8	8	1	0
5029	6	6	4	5	5	2	4	4	4	5	3	5	5	1	2	1	7	9	9	9	8	6	1	0
5030	5	5	4	4	5	3	4	4	4	4	4	5	5	2	2	2	7	9	7	9	8	6	1	0
5031	5	6	5	4	5	2	5	6	5	5	4	5	6	1	2	1	7	8	9	9	9	8	1	0
5032	5	5	4	3	5	2	5	4	4	4	4	5	6	2	2	2	6	3	9	9	9	8	1	0
5033	5	4	4	4	5	2	4	4	5	5	4	5	5	1	4	1	6	6	9	9	9	8	1	0
5034	4	4	4	4	3	2	4	4	5	5	4	4	4	1	4	1	6	8	9	9	9	6	1	0
5035	5	5	4	3	3	2	5	5	5	5	3	4	7	2	4	2	6	9	9	9	9	6	1	0
5036	5	6	4	4	4	2	5	5	4	6	5	4	5	1	4	1	7	9	9	9	9	6	1	0
5037	4	4	4	5	5	2	5	5	4	4	2	5	5	1	4	1	5	9	9	9	9	7	1	0
5038	4	4	4	5	4	2	5	5	4	4	2	5	6	1	2	3	4	9	9	9	9	5	1	0
5039	5	6	4	5	5	2	5	5	4	5	3	5	6	1	1	1	6	9	7	9	9	3	1	0
5040	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0
5041	4	4	4	5	4	2	5	4	4	5	3	5	6	1	2	1	4	9	9	8	7	8	1	0
5042	4	4	4	4	4	2	5	5	5	5	3	5	4	1	2	1	7	8	9	9	8	5	1	0
5043	5	6	4	4	4	2	4	4	5	4	3	5	3	1	2	1	7	9	7	9	7	6	1	0
5044	5	5	4	4	4	2	4	4	5	4	3	5	4	1	2	1	6	9	9	9	8	7	1	0
5045	5	4	4	3	5	2	4	4	5	4	4	5	5	1	4	1	5	8	9	9	7	8	1	0
5046	5	6	4	4	5	2	4	5	5	5	3	5	5	1	2	1	5	8	7	9	8	8	1	0
5047	6	6	4	4	5	2	5	5	5	5	4	4	6	1	2	1	3	9	7	9	8	8	1	0
5048	5	5	4	5	5	2	5	5	4	5	2	5	5	1	1	1	7	8	9	9	9	5	1	0
5049	5	5	4	4	5	2	5	5	5	5	2	5	5	1	4	1	6	9	7	9	8	6	1	0
5050	5	6	4	4	5	2	4	6	8	6	4	4	3	1	2	1	6	9	9	9	8	6	1	0
5051	4	4	4	4	5	2	6	6	4	5	2	5	4	1	4	1	5	9	9	9	9	4	1	0
5052	5	4	4	5	5	2	5	5	5	5	3	5	4	1	1	1	7	9	7	9	8	5	1	0
5053	5	6	4	4	5	2	5	5	5	6	3	4	4	1	1	1	7	9	9	9	9	6	1	0

ILC	DAF	FDU	DNA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
5054	5	5	4	4	5	2	5	5	4	5	3	5	4	1	2	1	7	9	7	9	8	6	1	0
5055	5	6	4	4	4	2	5	5	5	5	3	4	5	1	2	1	6	9	9	9	8	7	1	0
5056	4	5	4	6	3	2	5	5	5	5	2	4	4	1	1	1	7	9	7	9	8	7	1	0
5057	5	6	4	4	4	2	6	6	5	5	3	5	5	1	1	1	6	9	7	9	8	7	1	0
5058	4	4	4	5	4	2	5	5	5	5	3	5	4	1	2	1	3	8	9	9	8	8	1	0
5059	4	4	4	6	4	3	6	5	4	5	3	5	6	1	4	1	5	9	7	9	8	5	1	0
5060	4	4	4	5	4	3	6	5	4	5	3	5	5	1	4	1	5	9	7	9	8	6	1	0
5061	4	4	4	6	4	3	5	5	4	5	3	4	4	1	2	3	6	9	7	8	8	9	1	0
5062	4	4	4	4	4	2	5	5	5	5	3	4	5	1	2	3	6	9	7	9	9	7	1	0
5063	4	4	4	6	4	2	5	5	5	5	2	4	4	1	4	1	6	8	7	9	8	6	1	0
5064	4	4	4	6	4	2	6	6	4	5	2	5	5	1	4	1	7	8	7	9	8	5	1	0
5065	4	4	4	5	4	3	5	5	4	5	1	4	4	1	4	1	4	9	7	8	8	6	1	0
5066	6	6	4	5	4	2	6	6	5	5	2	5	4	1	2	1	6	8	9	9	7	8	1	0
5067	5	6	4	5	4	2	5	5	4	5	2	4	4	1	1	1	7	8	7	9	8	5	1	0
5068	5	5	4	4	5	2	4	4	6	5	3	4	4	1	4	1	5	9	9	9	8	4	1	0
5069	5	5	4	3	4	2	5	5	5	5	3	4	4	1	2	1	6	9	9	9	8	6	1	0
5070	5	5	4	4	4	2	5	5	5	5	3	4	4	1	2	1	6	9	9	9	7	6	1	0
5071	5	5	4	4	4	2	4	4	4	5	3	5	4	1	1	1	6	8	7	9	7	8	1	0
5072	6	6	5	4	5	2	5	5	6	5	4	4	4	1	4	1	6	9	9	8	7	7	1	0
5073	5	5	5	5	4	2	5	5	5	5	3	5	4	1	2	1	5	9	9	9	7	8	1	0
5074	5	5	4	4	4	2	5	5	5	5	3	5	5	1	2	1	5	7	9	9	8	7	1	0
5075	5	5	4	4	4	2	5	5	5	5	3	5	4	1	2	1	5	7	7	8	8	9	1	0
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5078	5	4	4	5	3	2	6	6	5	5	3	5	6	1	4	1	6	9	9	9	7	6	1	0
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5082	5	6	4	5	3	2	5	5	5	5	3	5	5	1	4	1	6	9	9	9	8	7	1	0
5083	5	6	5	5	3	2	5	5	5	5	3	5	5	1	1	1	5	8	9	9	8	6	1	0
5084	5	5	4	4	4	2	5	5	5	5	4	5	2	1	4	1	4	9	9	9	8	6	1	0
5085	5	5	4	4	5	2	4	4	5	4	4	5	4	1	1	1	4	9	9	9	7	3	1	0
5086	5	4	4	5	4	2	5	5	4	5	2	5	3	2	4	2	5	9	9	9	8	4	1	0
5087	6	6	4	5	5	2	6	6	5	5	3	5	4	1	1	1	6	9	9	9	8	1	0	
5088	5	6	4	4	4	2	5	6	6	5	3	5	4	1	2	1	5	9	9	9	8	8	1	0
5089	5	5	4	4	6	2	5	5	4	4	3	5	4	1	4	1	4	8	9	9	9	9	1	0
5090	5	5	4	4	5	2	5	5	5	5	3	5	4	1	4	1	5	9	9	9	8	6	1	0
5091	5	4	4	5	4	2	5	5	4	5	2	4	6	1	2	1	3	9	9	9	8	6	1	0
5092	5	6	4	4	4	2	5	4	3	4	3	5	5	1	2	1	5	8	9	9	8	7	1	0
5093	5	5	4	5	4	2	5	5	4	5	2	5	5	1	2	1	7	9	9	8	7	6	1	0

378 Catalog of Chickpea Germplasm

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
5094	5	5	4	4	5	2	5	5	5	5	3	4	4	1	2	1	5	9	9	9	7	6	1	0
5095	4	5	4	5	4	2	5	5	4	5	3	5	5	1	2	1	5	8	9	9	8	6	1	0
5096	4	5	4	6	4	3	5	5	4	5	2	5	5	1	2	1	5	9	9	9	8	6	1	0
5097	5	5	4	6	4	3	5	5	5	5	3	5	6	1	4	1	7	9	9	9	8	7	1	0
5098	5	5	4	5	4	2	5	5	5	5	4	5	5	1	4	1	4	8	9	9	9	7	1	0
5099	5	5	4	4	4	2	5	5	5	5	2	5	5	1	2	1	5	9	9	9	8	8	1	0
5100	5	4	4	6	4	2	5	5	5	5	2	5	5	1	4	1	5	9	9	9	8	6	1	0
5101	5	5	4	6	5	2	5	5	4	5	3	5	5	1	2	1	5	9	9	9	9	5	1	0
5102	5	5	4	5	5	2	5	5	4	5	2	5	5	1	2	1	5	8	9	9	9	7	1	0
5103	4	5	4	5	4	2	5	5	4	4	2	5	5	1	2	1	6	9	7	9	9	6	1	0
5104	5	4	4	5	4	3	5	5	4	5	3	5	5	1	4	1	3	9	9	9	8	8	1	0
5105	5	5	4	5	4	2	6	5	4	5	4	5	5	1	4	1	3	9	9	9	8	6	1	0
5106	5	5	4	6	4	2	5	5	4	5	5	5	3	1	2	1	5	8	9	9	7	7	1	0
5107	5	6	4	5	4	2	6	6	4	5	3	5	4	1	2	1	5	9	9	9	7	8	1	0
5108	6	6	4	4	4	2	5	5	5	5	3	5	4	1	4	1	6	9	7	9	7	9	1	0
5109	6	6	4	5	4	2	6	6	6	6	3	5	5	1	2	1	3	8	7	9	8	6	1	0
5110	5	5	4	5	5	2	5	5	5	5	2	5	5	1	2	1	5	9	9	9	9	5	1	0
5111	5	5	4	5	3	2	6	6	4	5	3	5	5	1	2	1	7	8	9	9	8	9	1	0
5112	5	6	4	5	4	2	5	5	5	5	2	4	5	2	4	2	6	9	7	9	9	8	1	0
5113	5	5	4	5	3	2	6	6	4	6	3	4	6	2	4	2	6	9	7	9	9	8	1	0
5114	4	4	4	6	4	3	6	5	4	5	2	5	6	1	4	1	7	9	7	9	9	8	1	0
5115	5	6	4	6	4	2	5	5	5	5	3	5	5	1	1	1	5	9	9	9	8	8	1	0
5116	5	5	4	5	3	2	5	5	5	5	4	4	6	2	4	1	5	8	7	9	8	9	1	0
5117	4	5	4	5	4	2	5	5	5	5	2	4	5	1	4	1	5	9	7	9	9	7	1	0
5118	5	5	4	5	4	2	5	5	5	5	2	4	5	1	4	1	6	9	7	9	8	7	1	0
5119	5	5	4	5	4	2	5	5	4	5	3	5	5	1	2	1	6	7	9	9	8	8	1	0
5120	4	4	4	3	3	2	5	5	5	5	3	5	4	1	2	1	6	9	9	9	8	8	1	0
5121	5	5	4	5	4	2	5	5	4	5	2	5	5	2	4	2	6	9	9	9	9	6	1	0
5122	5	5	4	5	3	2	5	5	5	5	2	5	5	2	4	2	6	9	9	9	9	6	1	0
5123	6	6	4	4	4	2	5	6	6	6	2	4	5	1	4	1	5	8	9	9	9	8	1	0
5124	5	5	4	5	4	2	5	5	5	5	3	4	4	2	4	2	7	9	9	9	8	7	1	0
5125	5	6	4	5	4	2	5	5	5	5	2	5	4	1	2	1	7	7	9	9	9	6	1	0
5126	6	6	4	4	3	2	5	5	5	5	2	5	5	1	2	1	6	9	9	9	8	8	1	0
5127	5	5	4	4	4	2	5	5	5	5	2	5	4	1	4	1	5	8	9	9	8	8	1	0
5128	5	6	4	5	3	2	6	5	3	5	2	5	4	1	1	1	6	9	9	9	7	6	1	0
5129	5	6	4	4	4	2	5	5	5	5	4	4	3	1	3	1	6	9	9	9	7	7	1	0
5130	5	6	4	5	4	2	5	5	4	5	3	5	5	2	2	2	6	8	9	9	8	7	1	0
5131	6	5	4	4	5	2	5	5	5	5	3	5	5	1	2	1	6	8	7	9	8	7	1	0
5132	6	6	5	3	5	2	4	5	6	5	3	5	4	1	4	1	6	9	9	9	7	6	1	0
5133	5	6	4	4	4	2	5	5	4	5	2	5	5	1	2	1	6	9	7	9	9	6	1	0



IIC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
5134	6	6	5	4	4	2	5	5	5	5	3	4	5	1	1	1	6	5	7	9	8	6	1	0
5135	5	6	4	4	4	2	5	5	5	5	3	5	6	1	1	1	6	7	7	9	8	6	1	0
5136	5	6	4	3	3	2	6	6	5	6	2	5	5	1	3	1	6	9	9	9	8	7	1	0
5137	6	6	5	5	4	2	6	6	5	6	1	5	5	1	2	1	7	9	9	9	8	4	1	0
5138	6	6	4	3	4	2	6	6	5	5	2	5	3	1	2	1	6	8	7	9	9	8	1	0
5139	6	6	4	4	4	2	6	6	5	6	3	5	3	1	2	1	5	9	9	9	7	8	1	0
5140	5	4	4	5	3	2	5	5	4	5	2	5	3	1	4	1	6	8	7	9	7	7	1	0
5141	5	5	4	4	4	2	5	5	5	5	2	5	4	1	2	1	6	5	9	9	9	8	1	0
5142	5	5	4	5	5	2	4	4	5	5	3	4	4	1	1	1	6	8	9	9	8	7	1	0
5143	4	5	4	4	4	2	4	5	5	5	3	5	4	1	1	1	6	6	9	9	8	8	1	0
5144	5	5	4	4	3	2	5	5	5	5	3	5	4	1	2	1	6	6	7	9	7	8	1	0
5145	6	6	4	4	4	2	5	5	5	5	3	4	5	1	2	1	6	9	9	9	9	8	1	0
5146	5	5	4	5	4	3	5	5	4	5	3	5	3	1	2	1	6	9	9	9	9	7	1	0
5147	6	6	4	6	3	3	6	5	4	5	3	5	4	1	1	1	7	9	7	9	9	6	1	0
5148	5	5	4	5	4	2	5	6	6	6	3	5	4	1	1	1	7	9	7	9	9	5	1	0
5149	5	5	4	5	5	2	6	6	5	6	2	4	4	1	1	1	6	8	7	9	9	8	1	0
5150	5	5	4	5	4	2	6	6	6	6	3	5	4	1	4	1	6	0	7	9	9	5	1	0
5151	5	5	4	6	3	3	6	6	6	6	3	4	5	1	4	1	6	9	9	9	8	7	1	0
5152	4	3	4	6	3	3	6	5	4	5	3	5	5	1	2	1	5	9	7	9	7	8	1	0
5153	6	5	4	5	4	2	5	6	5	5	3	5	5	1	2	1	6	9	9	9	7	7	1	0
5154	6	6	4	4	3	2	5	5	5	5	3	5	4	1	4	1	6	9	9	9	7	7	1	0
5155	5	5	4	4	4	2	5	5	5	5	4	4	4	1	2	1	6	8	9	9	7	7	1	0
5156	6	6	4	4	4	2	5	6	6	6	3	5	4	1	2	1	6	9	9	9	7	5	1	0
5157	5	5	4	6	2	2	5	5	5	5	4	5	5	1	2	1	7	9	9	9	5	6	1	0
5158	5	6	5	5	4	3	6	6	6	6	5	5	3	1	4	1	6	9	7	9	8	4	1	0
5159	5	5	4	5	4	2	5	5	5	5	2	5	5	1	2	1	7	9	9	8	8	6	1	0
5160	6	6	4	5	5	2	5	5	5	5	5	5	3	1	4	1	7	9	9	9	9	6	1	0
5161	4	5	4	4	5	2	5	5	5	5	7	5	3	1	4	1	6	9	9	9	9	5	1	0
5162	5	5	4	4	5	2	5	5	5	5	3	4	4	1	2	1	5	9	9	9	8	9	1	0
5163	5	5	4	4	3	2	5	5	5	5	2	4	4	1	2	1	6	9	9	9	8	7	1	0
5164	5	6	4	5	4	2	5	5	5	5	2	4	4	1	4	3	5	9	9	9	8	8	1	0
5165	5	5	4	4	4	2	5	5	4	5	2	4	4	1	2	1	7	9	9	8	7	7	1	0
5166	5	5	4	5	5	2	5	5	5	5	3	4	4	1	2	1	7	9	9	9	8	7	1	0
5167	6	6	5	3	4	2	4	5	6	5	3	4	5	1	2	1	6	9	9	9	8	7	1	0
5168	5	5	4	5	5	2	4	4	5	4	4	5	5	1	2	1	6	9	9	9	7	7	1	0
5169	6	6	4	4	4	2	5	5	6	5	3	5	4	1	2	1	7	9	9	9	9	7	1	0
5170	5	5	4	5	4	2	4	4	5	4	4	5	4	1	2	1	7	8	9	9	9	6	1	0
5171	5	6	4	2	5	2	4	4	5	5	5	5	4	1	2	1	5	9	9	9	8	7	1	0
5172	5	5	4	3	5	2	3	4	5	4	4	5	5	1	4	1	3	8	9	9	8	7	1	0
5173	5	4	4	5	4	2	4	4	5	5	4	5	5	1	4	1	5	9	9	8	8	7	1	0

## 380 Catalog of Chickpea Germplasm

ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	RI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
5174	5	5	4	4	4	2	5	5	5	5	4	5	4	1	2	1	6	9	9	9	8	7	1	0
5175	5	6	4	4	4	2	5	5	5	5	3	5	6	1	2	1	6	9	9	9	8	9	1	0
5176	6	6	4	2	5	2	5	5	5	5	3	4	4	1	4	1	0	9	7	9	8	9	1	5
5177	6	6	4	2	3	2	5	6	5	5	3	5	5	1	2	1	6	9	9	9	8	7	1	0
5178	5	5	4	6	4	2	5	5	4	5	3	4	6	2	4	2	6	9	9	9	8	9	1	0
5179	5	6	4	4	5	2	5	5	4	5	4	4	5	1	1	1	7	6	9	9	8	9	1	0
5180	5	5	4	5	4	2	5	4	4	5	4	5	5	1	1	1	7	8	7	9	8	9	1	0
5181	4	6	5	4	4	2	4	4	5	5	4	4	4	1	4	1	7	9	9	9	8	6	1	0
5182	5	6	4	5	3	2	4	4	5	5	3	4	5	1	2	1	5	9	9	8	8	9	1	0
5183	5	5	4	5	4	2	5	5	5	5	3	5	6	1	2	1	6	9	9	9	8	9	1	0
5184	5	6	4	4	4	2	5	5	5	5	4	5	5	1	1	1	5	8	9	9	8	6	1	0
5185	4	4	4	4	4	2	4	4	5	4	4	5	5	1	2	1	6	8	7	9	7	6	1	0
5186	5	6	4	5	4	2	4	4	4	4	3	5	5	1	1	1	5	9	9	9	7	6	1	0
5187	5	6	4	4	5	2	5	5	5	5	6	5	5	1	2	1	5	9	7	9	7	8	1	0
5188	5	5	4	6	4	2	5	4	4	4	4	5	5	1	4	1	5	8	9	8	8	7	1	0
5189	4	4	4	4	5	2	5	5	4	5	4	5	5	1	4	1	5	9	7	9	7	7	1	0
5190	5	6	4	4	5	2	5	4	4	5	5	4	5	1	2	1	6	8	9	9	8	7	1	0
5191	4	4	4	4	5	2	4	4	4	4	3	5	5	2	2	2	4	9	9	9	8	8	1	0
5192	5	5	4	4	4	2	5	5	4	4	3	5	6	1	4	1	6	8	9	9	8	5	1	0
5193	4	4	4	4	5	2	5	4	4	5	3	4	6	1	4	1	5	8	7	9	9	6	1	0
5194	6	6	5	3	4	2	4	6	7	5	3	4	4	1	2	1	6	9	9	9	9	6	1	0
5195	6	6	5	4	5	2	4	4	5	5	4	4	5	1	1	1	4	9	9	9	9	6	1	0
5196	4	5	4	4	5	2	5	5	5	5	5	5	5	1	1	1	5	9	9	9	9	7	1	0
5197	5	5	4	4	4	2	5	5	4	5	5	5	6	1	4	1	3	9	7	9	9	9	1	0
5198	5	5	4	5	5	2	4	4	5	4	7	5	6	2	4	2	6	9	7	9	9	6	1	0
5199	5	5	4	5	4	2	4	4	4	5	3	4	5	1	1	1	6	9	7	9	9	5	1	0
5200	5	5	4	4	5	2	3	4	6	5	7	4	4	1	2	1	5	9	9	9	8	8	1	0
5201	5	5	4	4	5	2	4	5	6	5	6	5	4	1	2	1	5	9	7	9	8	7	1	0
5202	6	6	5	4	5	2	4	5	5	5	7	4	6	1	2	1	5	9	7	9	8	8	3	0
5203	4	4	4	4	5	2	4	4	4	4	4	5	5	1	2	1	5	9	7	9	8	8	1	0
5204	4	5	4	4	4	3	4	4	5	4	7	5	5	1	2	1	6	9	9	9	8	6	1	0
5205	5	6	4	4	5	2	4	4	5	5	6	4	4	1	2	1	6	9	9	9	8	6	1	0
5206	4	4	4	5	4	2	2	1	4	2	3	5	4	1	4	1	6	9	7	9	8	8	1	0
5207	6	6	5	4	4	2	7	7	6	6	5	4	4	1	1	1	6	9	7	9	8	8	1	0
5208	6	6	5	3	4	2	4	5	6	5	7	4	5	1	1	1	6	9	7	8	8	5	1	0
5209	5	6	5	3	5	2	5	5	4	5	5	4	6	1	2	1	6	8	9	9	9	8	1	0
5210	5	5	4	4	4	2	5	5	5	5	3	4	5	1	2	1	4	9	7	9	7	6	1	0
5211	5	6	4	4	6	2	4	4	4	5	3	4	5	1	2	1	5	9	9	9	8	6	1	0
5212	5	6	4	5	5	2	5	4	4	5	4	4	6	1	2	1	6	9	7	9	8	8	1	0
5213	6	6	5	3	5	2	6	6	5	6	6	4	6	1	1	1	5	8	7	9	8	8	1	0

ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
5214	5	6	4	4	5	2	5	5	5	5	5	4	6	1	1	1	6	8	7	9	7	6	1	0
5215	5	5	4	5	4	2	4	4	4	4	6	5	6	1	2	1	6	9	8	9	8	8	1	0
5216	5	5	4	4	4	2	4	5	5	5	4	5	5	1	2	1	5	8	9	9	7	8	1	0
5217	5	5	4	4	4	2	4	4	4	4	3	5	5	1	4	1	6	9	9	9	7	8	1	0
5218	5	5	4	6	5	2	5	5	4	4	3	5	6	1	4	1	6	9	7	9	8	8	1	0
5219	5	6	5	5	5	2	5	4	3	3	3	5	7	1	1	1	5	9	8	9	8	5	1	0
5220	5	6	4	4	3	2	5	5	4	5	3	5	6	1	1	1	5	9	8	9	8	5	1	0
5221	5	6	4	3	4	2	4	4	5	4	4	5	4	1	4	1	5	9	9	9	9	8	1	0
5222	5	6	4	3	6	2	3	4	5	5	4	4	4	1	1	1	4	9	9	9	8	8	1	0
5223	6	5	5	3	5	2	5	6	6	5	4	5	4	1	2	1	5	9	7	9	7	5	1	0
5224	5	5	5	4	4	2	4	5	5	5	7	4	4	1	4	1	6	8	6	9	7	6	1	0
5225	6	6	5	5	4	2	6	6	5	6	4	4	4	1	4	1	8	8	9	9	8	8	1	0
5226	6	6	5	4	5	2	5	5	5	5	2	5	4	1	1	1	5	9	8	8	7	6	1	0
5227	6	6	5	6	4	3	5	5	4	5	2	5	6	1	4	1	4	9	9	9	7	8	1	0
5228	5	6	5	4	4	3	6	6	4	6	3	5	5	1	4	1	4	9	9	9	7	8	1	0
5229	5	6	5	6	4	3	6	6	4	6	4	5	5	1	4	1	4	9	9	8	8	8	1	0
5230	5	5	4	4	5	2	5	6	6	6	3	4	5	1	4	1	4	9	9	8	8	8	1	0
5231	6	6	4	4	4	2	4	5	5	5	3	5	5	1	2	1	3	9	9	9	8	9	1	0
5232	5	5	4	4	5	2	4	4	4	4	4	5	3	1	2	1	5	8	9	8	8	8	1	0
5233	5	6	4	2	4	2	5	5	5	5	3	5	5	1	2	1	5	8	7	9	7	9	1	0
5234	5	6	5	4	5	2	4	4	5	4	5	5	5	1	1	1	5	9	9	9	7	8	1	0
5235	5	6	4	2	4	2	3	3	5	4	4	5	3	1	4	1	5	8	7	9	8	6	1	0
5236	5	5	4	3	5	2	1	2	5	4	3	4	2	1	2	1	3	9	7	9	8	8	1	0
5237	4	4	4	4	5	2	3	4	6	4	3	4	2	1	4	1	3	9	9	9	8	8	1	0
5238	5	5	4	2	4	2	3	4	5	4	4	4	3	1	2	1	7	9	9	9	8	8	1	0
5239	5	5	4	3	4	2	4	5	5	5	5	5	3	1	1	1	7	9	9	9	8	8	1	0
5240	6	6	4	4	5	2	3	3	5	4	7	5	4	1	4	1	7	0	7	9	8	9	1	0
5241	5	6	4	3	5	2	2	3	5	3	3	5	3	1	4	1	6	9	7	9	7	7	1	0
5242	5	5	4	3	5	2	5	5	5	5	4	4	1	1	2	1	5	8	9	9	7	8	1	0
5243	5	5	4	4	4	2	4	4	5	4	6	4	3	1	2	1	3	8	9	9	8	8	1	0
5244	6	6	5	4	5	2	4	4	5	5	7	5	3	1	2	1	6	8	6	8	9	6	1	0
5245	5	5	4	4	4	3	5	5	5	5	4	5	3	1	2	1	6	8	7	9	9	6	1	0
5246	4	5	4	4	5	3	2	3	5	4	3	4	3	1	2	1	5	8	9	9	8	8	1	0
5247	6	6	4	3	4	2	4	5	5	5	3	4	3	1	2	1	5	8	9	9	8	8	1	0
5248	5	6	4	4	5	2	4	4	4	4	4	5	2	1	2	1	6	8	6	9	7	7	1	0
5249	5	6	4	4	5	2	4	4	5	5	5	4	3	1	2	1	6	9	7	9	8	7	1	0
5250	5	4	4	2	4	2	4	4	5	5	5	4	3	1	2	1	5	8	9	8	8	8	1	0
5251	5	4	4	2	4	2	2	3	5	4	3	4	3	1	2	1	5	9	9	9	7	9	1	0
5252	5	6	4	4	3	2	4	5	6	5	5	4	3	1	4	1	6	9	7	9	9	5	1	0
5253	5	5	4	3	4	2	3	3	5	4	5	4	4	1	2	1	6	9	8	9	8	9	1	2

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL	IDC	HER
5254	6	6	4	4	4	2	4	5	5	5	6	4	3	1	1	1	6	9	7	9	7	6	1	0
5255	4	5	5	2	3	2	4	4	5	5	3	5	3	1	4	1	5	9	6	9	7	7	1	0
5256	5	5	4	3	4	2	6	6	4	6	3	4	4	1	1	1	6	9	9	9	9	8	1	0
5257	5	6	5	4	4	2	5	5	5	5	4	4	4	1	2	1	7	9	7	8	7	5	1	0
5258	4	5	4	4	4	2	6	5	4	5	4	4	4	1	1	1	6	9	6	9	7	7	1	0
5259	6	6	5	4	4	3	5	5	5	5	2	5	4	1	1	1	6	9	7	9	8	7	1	0
5260	5	6	5	2	4	2	5	5	5	5	4	4	4	1	2	1	5	8	9	9	8	9	1	0
5261	5	5	5	4	4	2	5	5	5	5	3	4	4	1	1	1	4	8	9	9	7	7	1	0
5262	6	5	5	4	5	3	5	4	4	5	3	4	4	1	1	1	4	8	9	9	7	7	1	0
5263	6	6	5	3	4	2	4	4	5	5	3	4	4	1	1	1	4	8	9	9	7	7	1	0
5264	5	6	4	3	4	2	5	5	4	5	3	5	4	1	1	1	5	9	9	9	7	7	1	0
5265	5	5	4	4	4	2	5	5	5	5	4	5	5	1	1	1	5	8	9	9	7	8	1	0
5266	5	5	4	2	5	2	5	5	6	6	7	4	4	1	2	1	6	9	9	9	7	5	1	0
5267	6	6	5	2	4	2	6	6	5	6	6	4	3	1	4	1	4	9	9	9	9	8	1	0
5268	5	5	4	4	4	2	5	5	4	5	3	5	5	1	2	1	6	8	7	9	7	8	1	0
5269	4	4	4	3	4	2	4	4	5	5	4	4	4	1	4	1	5	9	8	9	7	6	1	0
5270	6	5	4	4	4	2	4	4	5	5	4	5	4	1	2	1	6	8	6	9	9	6	1	0
5271	5	5	5	4	4	2	4	5	6	5	4	4	4	1	2	1	6	9	7	9	7	7	1	0
5272	5	6	4	2	4	2	5	5	5	5	3	5	2	1	2	1	7	9	8	9	7	6	1	0
5273	5	6	4	3	4	2	5	5	5	5	4	4	5	1	4	1	7	8	6	9	7	7	1	0
5274	5	5	4	3	4	2	4	4	5	5	3	4	5	1	2	1	7	8	9	9	8	9	1	0
5275	4	4	4	5	4	3	4	4	5	4	3	4	4	1	4	1	3	8	9	9	7	8	1	0
5276	5	5	5	3	4	2	5	5	6	6	3	4	3	1	4	1	7	9	7	9	9	6	1	0
5277	5	6	4	3	4	2	5	5	6	6	3	4	5	1	4	1	7	8	9	9	8	8	1	0
5278	5	5	5	4	4	2	3	5	6	5	3	4	4	1	2	1	6	9	9	9	8	8	1	0
5279	6	6	5	4	3	2	5	6	6	6	3	4	4	1	1	1	7	9	7	9	7	8	1	0
5280	5	5	4	4	4	2	3	5	6	5	3	4	3	1	2	1	6	9	7	9	7	7	1	0
5281	5	4	4	2	5	2	3	4	5	5	4	4	3	1	4	1	6	9	7	7	8	4	1	0
5282	5	5	4	3	4	2	3	4	5	5	4	4	4	1	1	1	6	8	7	9	9	8	1	0
5283	6	6	5	4	4	2	4	4	5	4	3	5	5	1	2	1	6	9	5	9	8	7	1	0
5284	5	6	5	4	4	2	4	4	5	4	4	5	5	1	4	1	6	6	9	9	8	7	1	0
5285	6	6	5	4	4	3	3	4	5	5	5	4	4	1	4	1	7	8	5	9	9	7	1	0
5286	5	6	5	3	5	3	3	3	4	4	4	4	5	1	2	1	4	7	9	9	9	8	1	0
5287	5	6	5	4	5	2	4	4	5	5	5	4	6	1	4	1	3	6	9	9	9	7	1	0
5288	4	5	4	4	5	2	5	4	4	4	3	5	6	1	4	1	4	9	9	9	9	8	1	0
5289	6	5	5	2	4	2	4	5	6	5	5	5	5	1	1	1	6	9	4	9	9	7	1	0
5290	6	6	5	2	4	2	3	4	5	5	3	4	5	1	1	1	6	9	4	9	9	7	1	0
5291	5	5	4	3	4	2	5	5	5	5	3	5	5	1	1	1	4	9	9	9	9	8	1	0
5292	6	6	5	4	5	2	4	5	5	5	4	3	5	1	2	1	5	8	8	9	9	7	1	0
5293	5	5	4	2	3	2	5	5	5	5	3	4	4	1	2	1	6	9	9	9	9	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
5294	5	6	5	3	4	2	6	6	5	5	3	5	6	1	1	1	7	9	5	9	9	9	1	0
5295	4	4	4	4	4	3	5	5	4	5	3	4	4	1	4	1	7	9	7	9	9	9	1	0
5296	4	4	4	4	4	2	5	5	4	5	4	4	4	1	4	1	7	9	6	9	9	6	1	0
5297	6	5	5	5	4	3	4	5	6	5	9	4	3	1	4	1	7	8	5	9	9	4	1	0
5298	5	5	5	4	4	2	4	4	5	4	3	5	6	1	2	1	7	8	7	9	9	8	1	0
5299	6	5	5	4	4	2	5	5	5	5	3	5	6	1	4	1	7	8	6	9	9	7	1	0
5300	6	6	5	4	4	2	5	5	5	5	3	5	5	1	1	1	5	9	9	9	9	7	1	0
5301	5	5	5	4	4	2	5	5	5	5	3	4	4	1	1	1	6	9	7	9	9	8	1	0
5302	6	5	5	3	5	4	6	6	4	5	9	5	4	1	4	1	6	9	6	9	9	6	1	0
5303	5	4	4	4	4	3	3	3	4	4	3	4	5	1	4	1	5	9	7	9	9	8	1	0
5304	5	5	4	5	4	3	5	4	4	5	3	4	5	1	2	1	6	9	6	9	9	8	1	0
5305	5	5	4	4	4	2	4	4	4	5	3	4	5	1	2	1	6	9	6	9	9	5	1	0
5306	5	6	4	3	4	2	5	5	5	5	4	4	4	1	4	1	7	9	7	9	9	7	1	0
5307	6	6	5	5	4	2	4	6	6	6	5	4	4	1	4	1	7	9	5	9	9	6	1	0
5308	6	6	5	5	2	2	5	5	5	5	3	4	5	1	1	1	7	9	7	9	9	7	1	0
5309	5	5	4	4	4	2	4	4	4	5	3	4	5	1	1	1	7	9	5	9	9	5	1	0
5310	4	5	4	5	4	2	5	5	4	5	3	4	5	1	1	1	7	9	7	9	9	7	1	0
5311	6	6	4	4	3	2	5	5	5	5	3	4	5	1	1	1	6	8	9	9	9	8	1	0
5312	5	6	5	4	4	2	5	5	4	5	3	4	6	1	4	1	3	8	9	9	9	7	1	0
5313	4	5	4	5	4	2	5	5	4	5	3	4	5	1	4	1	4	8	9	9	9	7	1	0
5314	5	5	4	4	4	2	5	5	4	5	3	4	4	1	4	1	6	8	9	9	9	4	1	0
5315	5	5	4	4	4	2	3	3	5	5	3	4	4	1	2	1	5	9	9	9	9	8	1	0
5316	6	6	5	4	3	2	4	5	6	5	3	4	4	1	4	1	6	9	9	9	9	8	1	0
5317	6	6	5	4	3	2	3	4	5	4	2	5	5	1	4	1	6	9	7	9	9	8	1	0
5318	6	6	4	4	3	2	5	5	5	5	3	4	2	1	4	1	7	9	9	9	9	8	1	0
5319	4	4	4	5	3	2	5	5	5	5	3	4	4	1	2	1	7	9	9	9	9	7	1	0
5320	5	5	4	5	3	2	5	5	6	6	2	4	3	1	4	1	7	9	8	9	9	5	1	0
5321	5	6	4	5	3	2	6	6	5	6	2	4	4	1	4	1	7	9	8	9	9	5	1	0
5322	4	5	4	5	3	2	5	5	5	5	3	5	3	1	4	1	7	9	7	9	9	8	1	0
5323	5	5	4	4	4	2	5	5	5	5	3	4	3	1	4	1	7	4	7	9	9	7	1	0
5324	5	5	4	5	4	2	6	6	6	6	3	4	3	1	2	1		8	7	9	9	7	1	0
5325	5	5	4	4	4	2	6	6	6	6	3	4	3	1	4	1	6	8	8	9	9	8	1	0
5326	5	4	4	5	3	2	5	5	5	6	3	4	4	1	2	1	6	8	9	9	9	7	1	0
5327	4	5	4	5	2	2	5	5	5	5	3	4	4	1	4	1	6	7	7	9	9	9	1	0
5328	6	6	4	4	3	2	6	6	5	6	3	4	4	1	4	1	6	8	8	9	9	7	1	0
5329	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	5	9	8	0	9	9	0	0
5330	5	5	4	4	3	2	5	6	6	6	3	3	3	1	4	1	4	8	7	8	9	8	1	0
5331	5	6	5	5	3	2	5	6	5	6	6	4	3	1	4	1	7	9	7	9	9	7	1	0
5332	5	4	4	5	3	2	6	6	5	6	3	5	4	1	2	1	7	7	8	9	9	8	1	0
5333	5	6	4	5	3	2	5	6	6	6	3	3	3	1	4	1	5	9	7	8	9	8	1	0

ILC	DAP	FDU	DNA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
5334	5	5	4	5	3	2	6	6	5	5	3	5	4	1	4	1	7	9	8	9	9	7	1	0
5335	4	5	4	5	3	2	5	5	5	5	3	4	4	1	4	1	7	9	8	9	9	8	1	0
5336	5	5	4	4	4	3	7	6	4	6	3	5	6	1	1	1	7	8	9	9	9	8	1	0
5337	4	5	4	5	3	2	6	6	5	6	4	5	5	1	2	1	7	8	9	9	9	9	1	0
5338	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	5	9	7	0	9	6	0	0
5339	5	6	4	4	4	2	4	5	5	5	3	4	5	1	2	1	7	8	7	9	9	6	1	0
5340	5	4	4	5	3	2	6	6	5	6	3	4	4	1	2	1	5	9	9	9	9	9	1	0
5341	5	5	4	5	3	2	6	6	6	6	3	4	3	1	4	1	6	9	8	9	9	7	1	0
5369	5	5	4	4	4	2	5	6	6	6	3	4	4	1	1	1	8	9	8	9	9	8	1	0
5370	5	6	4	4	3	2	5	6	6	6	3	4	4	1	1	1	7	0	7	9	9	7	1	0
5371	3	3	4	5	2	2	5	5	5	6	3	3	4	1	4	1	8	9	8	9	9	9	1	0
5372	5	3	4	5	3	3	5	5	5	6	3	4	3	1	2	1	6	9	7	9	9	8	1	0
5373	5	6	4	5	2	2	5	6	5	6	4	4	4	1	2	1	6	9	7	9	9	8	1	0
5374	6	6	5	2	4	2	5	6	7	6	3	4	3	1	1	1	6	9	7	9	9	8	1	0
5375	6	6	4	3	4	2	5	5	5	5	3	4	4	1	1	1	5	8	7	9	9	9	1	0
5376	4	5	4	5	3	3	5	5	5	5	2	4	4	1	1	1	5	8	8	9	9	8	1	0
5377	5	5	5	5	2	2	4	6	7	6	2	3	3	1	2	1	7	8	7	9	9	7	1	0
5378	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	7	0	0	0	0	0	0	0
5379	5	5	4	5	3	2	5	5	5	6	3	4	4	1	2	1	7	8	7	9	9	7	1	0
5380	5	6	4	5	2	3	5	5	5	5	3	4	4	1	4	1	5	0	6	8	9	8	1	0
5381	6	6	4	5	3	3	5	5	5	6	3	4	6	1	1	1	5	0	7	9	9	9	1	0
5382	5	5	4	5	3	3	5	5	5	6	3	3	6	1	4	3	7	6	7	9	9	9	1	0
5383	4	4	4	5	3	3	4	4	4	5	2	3	5	1	4	1	6	0	8	9	9	0	1	0
5384	5	5	5	4	3	3	5	7	8	6	3	3	5	1	4	1	0	0	6	9	9	0	1	0
5385	6	6	5	5	2	2	5	6	7	6	3	3	4	1	4	1	6	0	8	8	9	8	1	0
5386	6	6	5	4	3	3	5	6	7	6	4	3	3	1	4	1	6	8	8	9	9	6	1	0
5387	5	5	4	5	3	3	5	6	6	6	3	4	4	1	4	1	7	8	8	9	9	5	1	0
5388	6	6	4	6	2	3	5	5	5	5	3	4	5	1	1	1	5	8	8	9	9	6	1	0
5389	5	6	5	6	2	2	4	6	6	6	3	4	3	1	2	1	4	8	7	9	9	6	1	0
5390	5	6	5	6	2	2	4	5	6	5	3	4	4	1	4	1	5	9	7	9	8	6	1	0
5391	6	6	4	4	2	2	5	5	6	5	3	4	4	1	4	1	6	9	9	9	9	9	1	0
5392	5	4	4	5	2	2	6	6	6	6	2	5	6	1	4	1	5	9	8	9	9	9	1	0
5393	5	6	4	4	2	2	5	6	6	6	3	5	5	1	4	1	5	9	7	9	9	8	1	0
5394	5	5	4	4	3	2	5	6	5	5	2	5	5	1	4	1	8	9	7	9	9	8	1	0
5395	5	5	4	4	2	2	4	5	5	5	3	5	4	1	4	1	5	8	7	8	9	8	1	0
5396	5	5	4	4	2	2	5	6	6	5	2	5	4	1	4	1	5	9	7	9	9	8	1	0
5397	4	5	4	5	2	2	5	6	7	6	2	5	4	1	4	1	5	8	7	9	9	8	1	0
5398	5	5	4	4	2	2	5	6	5	5	2	5	5	1	4	1	5	9	7	9	9	8	1	0
5399	5	4	4	5	2	2	5	5	5	5	2	5	4	1	4	1	6	8	7	9	9	8	1	0
5400	5	5	4	5	2	2	5	5	6	5	2	5	5	1	2	1	5	9	7	9	9	8	1	0

ILC	DAF	PDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
5401	6	6	5	4	2	2	5	6	6	6	2	4	6	1	1	1	5	8	5	9	9	7	1	0
5402	5	6	4	4	2	2	5	6	6	5	2	5	4	1	1	1	4	7	6	9	9	8	1	0
5403	5	6	4	5	2	2	5	6	5	6	3	4	5	1	1	1	4	9	7	9	9	8	1	0
5404	6	6	4	4	3	2	5	6	6	6	3	4	4	1	1	1	4	9	8	9	9	8	1	0
5405	6	6	4	4	3	2	6	6	5	5	3	5	8	1	4	1	6	9	7	9	9	8	1	0
5406	6	6	4	4	2	2	5	6	6	5	2	5	6	1	2	1	4	8	7	9	9	8	1	0
5407	6	6	4	5	2	2	5	5	5	5	3	5	5	1	4	1	7	4	6	9	9	7	1	0
5408	6	6	4	4	3	2	5	5	5	5	3	5	5	1	4	1	5	7	6	9	9	8	1	0
5409	6	6	4	5	3	2	5	5	5	5	3	5	6	1	4	1	6	6	7	9	9	8	1	0
5410	6	6	5	4	2	2	4	5	6	5	3	4	6	1	2	1	6	9	6	9	9	6	1	0
5411	5	5	5	5	3	2	4	4	5	4	3	5	7	1	2	1	7	2	6	9	9	5	1	0
5412	6	5	5	3	3	2	5	6	5	6	3	4	4	1	4	1	4	9	7	0	9	5	1	0
4513	5	6	5	3	2	2	5	6	6	6	3	4	5	1	4	1	5	8	7	9	9	6	1	0
5414	6	6	5	4	3	2	4	5	6	5	3	4	5	1	4	1	6	9	7	9	9	5	1	0
5415	5	6	4	4	3	2	5	6	6	6	3	5	5	1	2	1	6	9	9	8	9	8	1	0
5416	5	5	4	4	3	2	5	5	5	5	3	4	5	1	1	1	5	9	8	9	9	5	1	0
5417	4	6	4	4	3	2	5	6	5	6	2	4	5	1	2	1	6	9	7	9	9	8	1	0
5418	5	6	4	6	3	2	6	6	5	5	2	5	5	1	2	1	7	9	7	9	9	8	1	0
5419	5	5	4	5	3	2	5	5	5	5	2	5	5	1	2	1	6	9	7	9	9	8	1	0
5420	5	5	4	4	3	2	5	5	6	5	2	5	5	1	4	1	6	9	7	9	9	8	1	0
5421	5	5	4	4	3	2	5	5	6	5	3	5	6	1	2	1	6	9	8	9	9	8	1	0
5422	5	5	4	4	2	2	6	6	5	6	3	5	5	1	2	1	7	9	7	9	9	8	1	0
5423	5	5	4	4	3	2	6	6	5	5	3	5	5	1	4	1	7	7	7	9	9	8	1	0
5424	4	4	4	4	3	2	6	6	5	5	2	5	4	1	4	1	6	9	7	9	9	7	1	0
5425	5	5	4	6	5	2	6	6	5	6	3	5	5	1	4	1	6	9	7	9	9	9	1	0
5426	5	5	4	6	3	2	6	6	5	6	2	5	5	1	4	1	5	9	8	9	9	9	1	0
5427	5	4	4	5	3	2	6	6	6	6	3	5	5	1	4	1	5	8	8	9	9	8	1	0
5428	4	4	4	5	3	2	6	5	4	5	3	5	5	2	4	2	6	9	8	9	9	8	1	0
5429	5	5	4	4	4	2	5	5	5	5	3	5	5	1	4	1	5	9	7	9	9	8	1	0
5430	4	4	4	4	3	2	6	6	4	5	3	5	5	1	4	1	6	9	7	9	9	8	1	0
5431	5	5	4	5	3	2	7	6	5	6	2	5	6	1	4	1	6	9	8	9	9	8	1	0
5432	5	5	4	5	3	2	6	6	5	5	2	4	5	1	2	1	6	9	7	9	9	8	1	0
5433	6	6	4	5	3	2	5	6	6	6	2	5	4	1	2	1	6	4	7	9	9	8	1	0
5434	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	5	4	0	9	9	8	0	0
5435	5	6	4	4	3	2	6	6	5	5	3	5	5	1	2	1	6	9	8	9	9	8	1	0
5436	4	4	4	5	3	2	5	5	5	5	3	4	4	1	4	1	6	8	8	8	9	7	1	0
5437	5	5	4	5	4	2	6	6	5	6	7	4	5	1	4	1	5	9	8	9	9	7	1	0
5438	5	6	4	5	3	3	5	5	5	5	3	4	5	1	2	1	7	9	7	9	9	6	1	0
5439	5	6	4	6	2	3	6	5	4	5	4	5	5	1	1	1	5	9	7	9	9	5	1	0
5440	4	5	4	5	3	3	6	6	5	5	3	5	6	1	2	1	6	9	8	9	9	8	1	0

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ILC	DAF	FDU	DMA	HGT	COM	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CM	COL	IDC	HER
5441	6	6	4	4	3	3	5	5	5	5	2	5	6	1	1	1	6	9	8	9	9	7	1	0
5442	5	5	4	4	3	3	6	6	5	6	2	4	5	1	1	1	6	9	8	9	9	7	1	0
5443	4	5	4	4	3	3	6	6	5	5	3	5	5	1	1	1	6	9	8	9	9	9	1	0
5444	5	6	4	4	3	2	5	5	5	5	3	4	5	1	4	1	7	9	8	9	9	9	1	0
5445	5	6	4	2	4	2	5	5	6	5	3	4	5	1	4	1	7	9	7	9	9	9	1	0
5446	5	6	4	4	3	2	5	6	6	6	3	4	4	1	4	1	3	8	8	9	9	9	1	0
5447	6	6	4	5	4	3	5	5	5	5	5	4	6	1	4	1	3	6	6	9	9	9	1	0
5448	5	6	4	5	3	3	6	5	4	5	5	4	5	1	4	1	3	6	6	9	9	6	1	0
5449	5	4	4	5	4	3	4	5	5	5	4	4	6	1	4	1	3	8	7	9	9	8	1	0
5450	5	4	4	4	3	2	5	5	5	5	3	4	6	1	2	1	6	8	7	9	9	9	1	0
5451	5	6	4	4	3	3	5	5	4	5	2	4	5	1	1	1	4	9	7	9	9	9	1	0
5452	5	5	4	3	4	2	5	5	4	5	3	4	5	1	1	1	3	9	8	9	9	9	1	0
5453	5	5	4	3	3	2	4	4	5	5	3	4	5	1	4	1	3	9	7	9	9	9	1	0
5454	4	5	4	5	3	3	4	4	4	4	3	5	5	1	4	1	5	8	7	9	9	9	1	0
5455	4	4	4	5	3	3	5	5	4	5	4	5	7	1	1	1	5	9	8	9	9	8	1	0
5456	5	4	4	5	3	3	5	5	5	5	3	5	6	1	4	1	5	9	7	9	9	9	1	0
5457	4	4	4	5	4	3	5	4	4	4	3	5	7	1	4	1	5	9	7	9	9	9	1	0
5458	6	6	4	3	4	2	4	5	6	5	3	5	5	1	2	1	6	6	8	9	9	9	1	0
5459	5	5	4	4	3	2	5	5	5	5	3	4	6	1	4	1	5	8	8	9	9	9	1	0
5460	5	6	4	4	4	3	5	5	5	5	4	4	5	1	1	1	3	8	8	9	9	8	1	0
5461	5	6	4	4	3	3	4	5	5	5	4	4	5	1	4	1	3	8	6	9	9	7	1	0
5462	4	4	4	4	4	3	4	4	5	4	3	5	5	1	4	1	7	8	6	9	9	8	1	0
5463	5	4	4	3	4	2	5	5	5	5	3	5	4	1	2	1	5	8	7	9	9	8	1	0
5464	5	4	4	4	4	3	4	5	6	5	7	4	5	1	4	1	6	9	7	9	9	7	1	0
5465	6	6	5	3	4	2	4	4	6	5	5	5	5	2	2	2	5	5	7	9	9	8	1	0
5466	5	4	4	4	3	2	5	5	5	5	8	5	5	1	1	1	5	9	7	9	9	8	1	0
5467	4	5	4	4	3	2	3	4	5	5	4	4	5	1	4	1	5	9	7	9	9	8	1	0
5468	4	4	4	4	3	2	5	5	5	5	3	4	6	1	4	1	9	9	7	9	9	9	1	0
5469	4	4	5	3	4	3	4	4	5	5	3	4	6	1	4	1	8	9	8	9	9	8	1	0
5470	5	5	5	4	4	3	4	4	5	5	3	4	6	1	4	1	4	9	7	9	9	8	1	0
5471	6	6	4	4	4	3	5	5	5	5	3	5	5	1	1	1	9	9	7	9	9	6	1	0
5472	5	5	4	4	4	3	4	4	4	4	4	5	5	1	4	1	5	7	7	9	9	7	1	0
5473	5	5	4	4	4	3	5	5	4	5	4	5	5	1	4	1	8	7	7	9	9	7	1	0
5474	4	4	4	5	3	3	5	4	4	5	5	4	6	2	2	1	8	9	9	9	9	5	1	0
5475	5	4	4	6	3	3	5	6	7	6	6	5	5	1	2	1	8	9	8	9	9	6	1	0
5476	4	4	4	4	4	3	5	5	4	5	5	5	5	1	4	1	5	9	8	9	9	9	1	0
5477	4	4	4	4	3	3	5	5	4	5	5	4	5	1	4	1	5	9	8	9	9	6	1	0
5478	5	4	5	4	3	3	5	4	4	5	8	5	5	1	2	1	7	9	7	9	9	8	1	0
5479	4	5	5	5	3	3	5	5	4	5	6	5	6	1	4	1	6	9	7	9	9	7	1	0
5480	4	4	4	5	4	3	4	4	4	4	4	5	4	1	1	1	5	9	7	9	9	5	1	0



ILC	DAF	FDU	DMA	HGT	CAW	GrH	RYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AR	FW	LM	CC	CH	COL	IDC	HER
5481	5	4	4	4	4	3	4	4	5	5	8	4	4	1	4	1	5	8	8	9	9	8	1	0
5482	4	4	4	3	4	2	4	4	5	5	8	4	4	1	2	1	6	9	6	9	9	8	1	0
5483	5	4	4	4	4	3	3	3	4	4	6	5	5	1	2	1	6	8	7	9	9	8	1	0
5484	6	6	5	4	3	3	3	4	5	4	7	5	6	1	4	1	6	6	7	9	9	6	1	0
5485	5	5	4	4	3	3	5	4	4	4	3	5	5	1	4	1	7	5	7	9	9	5	1	0
5486	5	5	4	4	3	2	4	5	5	5	5	5	5	1	2	1	6	8	7	9	9	9	1	0
5487	6	6	4	3	4	2	4	5	5	5	3	5	5	1	4	1	6	8	6	9	9	7	1	0
5488	6	6	4	4	4	3	5	5	5	5	3	5	6	1	2	1	6	8	7	9	9	6	1	0
5489	5	5	4	4	4	3	5	5	4	5	3	5	6	1	2	1	6	6	7	9	9	8	1	0
5490	5	6	4	5	3	3	5	5	4	5	4	5	7	1	2	1	8	5	8	9	9	8	1	0
5491	5	6	4	4	3	3	5	5	5	5	3	5	6	1	4	1	5	8	9	9	9	8	1	0
5492	4	5	4	4	3	3	4	5	5	5	4	5	6	1	1	1	4	9	9	9	9	8	1	0
5493	4	6	4	5	3	3	4	4	5	5	4	4	6	1	2	1	6	9	7	9	9	8	1	0
5494	5	5	5	6	3	3	6	6	5	6	6	4	6	1	2	1	3	9	7	9	9	7	1	0
5495	5	5	4	4	4	2	5	5	5	5	4	5	5	2	1	2	7	9	9	9	9	8	1	0
5496	5	4	4	3	4	2	5	5	5	5	3	5	5	1	4	1	7	9	8	9	9	9	1	0
5497	4	4	4	5	3	3	5	5	4	5	3	5	5	1	4	1	8	9	7	9	9	9	1	0
5498	5	6	4	4	3	2	6	6	4	6	3	5	5	1	2	1	5	3	8	9	9	9	1	0
5499	4	5	4	5	3	2	6	6	5	6	3	4	6	1	4	1	4	8	9	9	9	8	1	0
5500	5	4	4	5	4	2	5	5	4	5	3	5	6	1	4	1	6	9	9	9	9	8	1	0
5501	4	5	4	6	3	3	5	5	5	5	3	5	5	1	1	1	3	9	7	9	9	5	1	0
5502	5	5	4	4	3	3	5	5	4	5	4	5	6	1	1	1	5	9	7	9	9	9	1	0
5503	4	5	4	5	3	3	6	6	5	5	3	5	5	1	4	1	6	9	7	9	9	8	1	0
5504	5	6	4	4	3	2	5	5	5	5	3	5	6	1	2	1	6	9	9	9	9	8	1	0
5505	5	6	4	4	4	3	5	5	4	5	5	5	5	1	4	1	5	9	8	9	9	7	1	0
5506	5	4	4	4	4	2	5	5	4	5	3	5	4	1	1	1	6	9	7	9	9	7	1	0
5507	4	5	4	6	3	3	4	4	5	4	5	5	4	1	4	1	5	9	8	9	9	9	1	0
5508	4	6	4	6	3	3	5	5	5	5	3	5	5	1	4	1	6	9	8	9	9	9	1	0
5509	4	5	4	5	3	3	5	5	5	5	5	5	4	1	4	1	8	9	7	9	9	8	1	0
5510	4	5	4	4	3	3	4	4	5	5	3	4	5	1	4	1	6	9	7	9	9	9	1	0
5511	4	4	4	3	4	3	4	4	4	4	3	5	4	1	4	1	7	9	9	9	9	9	1	0
5512	4	4	4	4	3	3	5	4	4	5	3	4	5	1	4	1	4	9	8	9	9	8	1	0
5513	4	4	4	5	4	3	3	4	5	4	3	5	3	1	4	1	3	9	8	9	9	9	1	0
5514	4	6	4	5	3	3	4	4	4	5	2	4	5	1	4	1	6	9	9	9	9	8	1	0
5515	5	6	4	4	4	3	5	5	4	5	4	5	4	1	2	1	8	9	7	9	9	7	1	0
5516	4	4	4	4	4	3	4	3	4	4	3	4	4	1	2	1	5	9	7	9	9	7	1	0
5517	4	5	4	4	4	3	3	3	4	4	3	4	3	1	2	1	6	9	7	9	9	7	1	0
5518	4	5	4	4	4	2	3	4	5	4	2	5	3	1	2	1	6	9	8	9	9	9	1	0
5519	4	3	4	4	4	3	4	3	4	4	3	5	3	1	2	1	5	9	6	9	9	9	1	0
5520	4	4	4	4	4	3	3	3	5	4	3	5	3	1	4	1	6	9	8	9	9	7	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CW	COL	IDC	HER
5521	5	6	4	3	3	2	4	5	5	5	3	4	2	1	2	1	8	9	7	9	9	7	1	0
5522	5	5	4	4	3	2	4	4	5	4	3	4	4	1	2	1	7	9	7	9	9	8	1	0
5523	4	3	4	4	4	3	5	4	4	5	3	5	3	1	1	1	6	9	9	9	9	8	1	0
5524	4	3	4	4	4	3	4	4	5	4	5	5	3	1	4	1	5	9	9	9	9	8	1	0
5525	4	4	4	3	5	2	4	4	5	5	3	5	2	1	4	1	4	9	8	9	9	8	1	0
5526	4	4	4	3	6	2	3	3	5	4	3	4	3	1	2	1	4	9	7	9	9	7	1	0
5527	5	4	4	3	6	2	3	4	5	4	3	4	3	1	2	1	5	9	6	9	9	7	1	0
5528	4	5	4	4	5	2	4	4	5	5	3	4	1	1	4	1	5	9	7	9	9	8	1	0
5529	4	4	4	3	5	2	4	4	4	4	3	5	3	2	4	2	5	9	7	9	9	7	1	0
5530	4	4	4	4	5	2	4	4	5	4	3	5	3	1	2	1	8	9	7	9	9	8	1	0
5531	4	4	4	4	6	2	4	4	4	4	3	5	4	1	4	3	5	9	7	9	9	8	1	0
5532	4	4	4	4	6	2	3	4	5	5	3	4	4	1	2	1	5	9	8	9	9	8	1	0
5533	4	4	4	4	6	2	3	3	4	4	3	4	4	1	4	1	5	9	8	9	9	8	1	0
5534	5	5	4	4	6	2	4	4	5	5	3	4	3	1	4	1	5	9	7	9	9	8	1	0
5535	5	6	4	4	6	3	4	4	5	5	3	4	2	1	4	1	6	9	7	9	9	8	1	0
5536	4	4	4	4	6	2	5	5	5	5	4	5	2	1	4	1	5	9	7	9	9	7	1	0
5537	5	5	4	4	5	2	4	4	5	5	5	4	3	1	2	1	5	9	6	9	9	8	1	0
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5539	5	5	4	4	6	2	5	5	5	5	3	5	3	1	1	1	9	9	8	9	9	9	1	0
5540	5	5	4	3	5	2	4	4	4	4	3	5	3	1	2	1	6	8	7	9	9	9	1	0
5541	5	4	4	3	4	2	4	4	5	5	3	4	1	1	4	1	4	9	6	9	9	8	1	0
5542	5	4	4	4	6	2	4	5	6	5	5	5	1	1	2	1	8	9	6	9	9	8	1	0
5543	5	6	4	2	5	2	5	5	5	5	3	4	4	1	1	1	6	9	6	9	9	7	1	0
5544	5	6	4	4	3	2	5	6	6	5	4	5	4	1	4	1	7	9	6	9	9	4	1	0
5545	4	3	4	4	4	2	5	5	5	4	4	5	4	1	2	1	6	9	7	9	9	8	1	0
5546	4	4	4	5	4	3	5	5	5	5	9	5	4	1	4	1	5	9	7	9	9	7	1	0
5547	4	4	4	4	5	3	5	5	5	4	4	5	4	1	1	1	4	9	7	9	9	9	1	0
5548	5	5	4	4	4	3	5	5	5	5	3	4	4	1	4	1	6	9	7	9	9	7	1	0
5549	4	5	4	4	4	3	5	5	5	5	3	4	3	1	4	1	6	8	6	8	9	7	1	0
5550	5	4	4	4	5	3	3	4	5	4	3	5	4	1	2	1	3	8	5	9	9	8	1	0
5551	4	4	4	4	4	2	4	4	5	5	3	5	4	1	2	1	6	8	6	9	9	8	1	0
5552	5	6	4	2	4	2	5	5	5	7	3	5	3	1	1	1	5	9	7	9	9	8	1	0
5553	4	3	4	5	4	3	5	4	4	5	3	4	4	1	4	1	7	7	6	9	9	8	1	0
5554	5	5	4	3	5	2	4	5	6	5	3	5	4	2	4	2	6	9	6	9	9	8	1	0
5555	5	5	4	2	4	2	5	5	5	5	4	5	4	1	2	1	4	9	5	9	9	8	1	0
5556	4	4	4	4	5	2	5	5	5	5	3	5	3	1	2	1	5	9	6	9	9	4	1	0
5557	4	4	4	5	5	3	5	5	4	5	3	5	4	1	2	1	3	9	6	9	9	8	1	0
6199	5	6	4	5	4	2	6	6	5	6	3	3	4	1	2	1	5	8	6	9	9	5	1	0
6200	5	5	4	4	4	2	5	5	5	6	3	3	4	1	4	1	6	9	6	9	9	6	1	0
6201	4	5	5	4	3	2	5	6	7	6	3	3	4	1	4	1	7	9	6	7	9	5	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrE	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AR	FW	LM	CC	CN	COL	IDC	HER
6202	5	5	5	4	4	2	5	6	6	6	3	3	4	1	1	1	5	8	6	8	9	3	1	0
6203	5	5	4	4	3	2	6	5	4	6	3	3	4	1	4	1	7	9	6	8	9	4	1	0
6204	-	0	0	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	9	0	0	0
6205	6	6	6	4	3	2	4	6	7	6	5	3	4	1	2	1	0	9	6	8	9	6	1	0
6206	4	5	4	5	4	2	6	6	5	6	3	4	4	1	4	1	6	5	7	8	9	6	1	0
6207	6	5	4	5	4	2	6	6	7	6	3	3	4	1	4	1	7	9	7	8	9	7	1	0
6208	5	5	4	7	2	2	5	6	5	6	2	4	4	1	4	1	6	9	6	9	9	5	1	0
6209	5	5	4	4	2	2	6	6	5	6	2	4	5	1	4	1	6	9	6	8	9	5	1	0
6210	5	5	4	4	2	2	6	6	5	6	2	4	4	1	2	1	6	9	6	9	9	5	1	0
6211	5	5	4	3	2	2	5	6	5	6	3	4	4	1	2	1	5	9	6	8	9	5	1	0
6212	4	4	4	3	2	2	5	6	6	6	3	4	4	1	4	1	5	9	6	9	9	5	1	0
6213	5	5	4	3	2	2	6	6	5	6	3	3	5	1	4	1	5	9	6	9	9	5	1	0
6214	5	5	4	4	3	2	5	5	5	6	3	3	4	1	4	1	5	9	6	9	9	5	1	0
6215	4	4	4	4	3	2	5	6	6	6	3	4	4	1	4	1	6	9	6	8	9	5	1	0
6216	5	5	4	4	4	2	5	6	7	6	3	4	4	1	4	1	5	8	6	9	9	5	1	0
6217	5	5	4	3	2	2	5	5	5	6	3	4	4	1	4	1	6	9	6	9	9	5	1	0
6218	5	5	4	3	4	2	5	5	5	6	3	4	5	1	4	1	6	9	6	8	9	5	1	0
6219	3	5	4	4	3	2	6	5	4	6	3	4	6	1	4	1	6	9	6	8	9	5	1	0
6220	6	6	5	4	4	2	5	5	5	6	4	3	6	1	2	1	5	0	5	8	9	7	1	0
6221	5	5	4	4	3	2	6	6	6	6	3	4	5	1	2	1	6	9	6	8	9	6	1	3
6222	6	5	5	5	3	3	6	7	7	6	3	3	3	1	4	1	6	8	6	9	9	8	1	0
6223	5	5	4	5	3	3	6	5	5	5	2	5	4	1	4	1	3	9	6	9	9	5	1	0
6224	5	5	4	4	2	2	5	6	6	6	2	4	3	1	4	1	5	5	6	8	9	5	1	0
6225	4	6	4	4	4	2	5	5	5	5	3	4	4	1	2	1	6	9	0	8	9	5	1	0
6226	6	6	4	4	2	2	6	7	8	7	3	4	4	1	2	1	6	9	6	8	9	5	1	0
6227	5	5	4	4	3	2	6	6	5	6	3	4	3	1	4	1	5	8	6	9	9	6	1	0
6228	6	5	4	4	3	2	6	7	7	6	3	5	3	1	4	1	6	8	6	9	9	5	1	0
6229	5	5	4	4	3	2	6	6	6	6	2	5	3	1	1	1	5	8	6	9	9	5	1	0
6230	4	5	4	4	2	2	5	5	5	6	3	4	4	1	1	1	7	9	6	9	9	6	1	0
6231	5	5	4	4	3	2	5	5	5	6	3	4	4	1	4	1	7	9	6	8	9	6	1	0
6232	5	5	4	4	3	2	6	6	5	6	3	3	4	1	4	1	5	9	6	9	9	6	1	0
6233	5	5	4	4	3	2	6	6	5	6	3	4	4	1	4	1	5	8	6	8	9	6	1	0
6234	5	5	4	3	3	2	5	6	6	6	3	4	3	1	4	1	5	8	5	9	9	6	1	0
6235	5	5	4	4	3	2	6	6	5	6	3	4	4	1	4	1	5	9	6	8	9	5	1	0
6236	4	5	4	5	2	2	6	6	5	5	3	3	5	1	4	1	5	9	6	9	9	6	1	0
6237	5	5	4	4	3	2	6	6	5	6	3	4	3	1	2	1	6	8	6	8	9	5	1	0
6238	5	5	4	4	4	2	6	7	8	7	3	4	4	1	2	1	5	9	6	9	9	7	1	0
6239	5	5	4	5	3	2	6	6	6	6	3	4	3	1	2	1	6	8	6	9	9	7	1	0
6240	5	5	4	4	2	2	6	6	6	6	3	4	4	1	2	1	6	8	6	8	9	6	1	0
6241	5	6	4	4	3	2	7	7	5	5	3	4	4	1	2	1	6	7	6	8	9	7	1	0

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ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CW	COL	IDC	HER
6242	5	4	4	3	3	2	6	6	6	6	3	4	4	1	2	1	5	8	6	7	9	8	1	0
6243	5	5	4	5	4	3	7	6	4	6	3	5	6	1	4	1	6	8	6	9	9	6	1	0
6244	5	6	4	5	3	3	6	6	5	6	1	5	3	1	2	1	6	9	6	8	9	6	1	0
6245	5	5	4	4	3	3	6	6	5	6	3	5	4	1	4	1	5	8	6	9	9	7	1	0
6246	5	5	4	5	3	3	5	5	4	5	3	5	4	1	4	1	5	8	6	8	9	7	1	0
6247	5	5	4	5	3	3	6	6	4	6	4	4	4	1	4	1	5	9	6	8	9	6	1	0
6248	5	6	4	4	4	3	5	5	5	5	3	4	4	1	4	1	6	9	6	8	9	4	1	0
6249	4	5	4	6	3	2	6	6	5	5	3	4	5	1	4	1	5	9	6	9	9	5	1	0
6250	4	5	4	4	2	2	5	6	5	6	3	4	4	1	4	1	6	9	6	8	9	5	1	0
6251	5	5	4	5	3	2	6	6	5	6	3	4	5	1	4	1	6	9	6	8	9	6	1	0
6252	4	5	4	4	3	2	5	6	6	6	3	4	3	1	2	1	6	9	5	8	9	5	1	0
6253	5	5	4	6	3	3	5	5	4	5	3	4	5	1	1	1	6	6	5	8	9	5	1	0
6254	5	5	4	4	4	2	5	6	6	6	4	4	5	1	4	1	6	9	6	9	9	4	1	0
6255	5	5	4	5	3	3	6	6	4	6	3	4	4	1	1	1	4	9	6	8	9	4	1	0
6256	5	5	4	5	3	3	6	6	5	6	4	4	4	1	1	1	6	9	6	8	9	5	1	0
6257	4	4	4	7	3	3	7	6	5	6	3	5	6	1	4	1	5	9	6	8	9	3	1	0
6258	4	5	4	6	3	3	6	6	5	6	3	4	5	1	4	1	6	8	5	8	9	5	1	0
6259	5	5	4	7	3	3	6	6	5	5	3	5	4	1	4	1	4	9	5	9	9	5	1	0
6260	5	5	4	5	3	3	6	6	5	6	3	4	5	1	4	1	5	9	6	7	9	5	1	0
6261	4	4	4	6	3	3	6	6	5	6	1	5	6	1	4	1	5	0	6	8	9	6	1	0
6262	5	5	4	5	4	3	6	6	5	6	2	5	5	1	4	1	3	8	6	8	9	7	1	0
6263	5	6	5	5	3	3	6	6	6	6	2	4	4	1	1	1	3	8	6	8	9	6	1	0
6264	5	6	5	5	4	3	6	6	7	6	4	4	4	1	2	1	5	9	6	8	9	6	1	0
6265	5	6	4	6	3	3	6	6	5	6	3	4	4	1	2	1	5	9	6	6	9	7	1	0
6266	4	4	4	5	3	3	5	5	5	6	3	3	4	1	4	3	5	9	6	8	9	4	1	0
6267	6	6	4	4	3	2	6	6	6	6	3	4	3	1	2	1	6	9	6	8	9	7	1	0
6268	5	5	5	4	4	2	5	5	5	6	6	3	4	1	1	1	6	9	6	8	9	4	1	0
6269	4	5	4	4	3	3	4	4	5	5	6	4	4	1	2	1	5	8	6	7	9	5	1	0
6270	4	4	4	4	3	2	5	5	4	5	3	5	5	1	1	1	5	9	6	9	9	7	1	0
6271	5	5	4	5	4	2	5	5	5	5	2	5	4	1	1	1	5	9	6	7	9	8	1	0
6272	4	4	4	5	3	3	5	5	5	5	2	4	4	1	4	1	6	9	6	8	9	8	1	0
6273	4	4	4	5	3	3	5	6	5	5	2	5	4	1	1	1	4	8	6	8	9	8	1	0
6274	5	5	4	5	2	2	5	5	5	5	2	5	3	1	1	1	4	8	6	8	9	8	1	0
6275	5	5	4	4	3	2	6	6	5	6	3	4	4	1	4	1	4	9	6	8	9	7	1	0
6276	5	6	4	4	3	2	6	6	5	6	3	5	3	1	1	1	5	9	6	8	9	9	1	0
6277	4	4	4	5	3	3	6	6	5	6	2	5	5	1	1	1	5	9	6	8	9	9	1	0
6278	5	5	4	4	3	2	6	6	5	6	2	5	5	1	1	1	5	9	7	8	9	8	1	0
6279	4	5	4	7	4	3	6	5	4	5	3	4	6	1	1	1	6	9	6	8	9	7	1	0
6280	4	4	4	4	3	2	5	5	5	5	2	5	6	1	2	1	6	9	6	9	9	8	1	0
6281	4	5	4	5	4	2	5	6	5	5	2	5	5	1	4	1	5	9	6	8	9	8	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
6282	4	5	4	5	3	3	6	6	4	6	2	4	7	1	4	1	6	9	6	8	9	9	1	0
6283	5	5	4	5	4	3	4	6	7	5	5	4	6	1	4	1	6	8	6	8	9	9	1	0
6284	4	5	4	5	4	3	5	5	5	5	3	4	5	1	1	1	6	9	6	8	9	8	1	0
6285	5	5	4	4	3	3	5	4	4	5	3	5	6	1	1	1	6	9	6	8	9	8	1	0
6286	5	5	4	4	4	2	5	5	5	6	3	4	5	1	1	1	6	9	6	9	9	6	1	0
6287	5	5	4	4	3	2	6	6	4	6	3	4	6	1	1	1	6	9	6	8	9	8	1	0
6288	5	6	5	4	4	2	5	6	5	5	3	5	5	1	1	1	5	9	6	9	9	9	1	0
6289	5	5	4	5	3	2	3	3	5	4	3	5	5	1	1	1	6	9	6	8	9	8	1	0
6290	4	5	4	4	3	3	5	5	4	5	1	4	6	1	4	1	6	8	6	8	9	7	1	0
6291	5	5	4	4	3	2	5	5	5	5	2	4	6	1	1	1	5	8	6	8	9	8	1	0
6292	5	6	4	4	4	2	4	5	5	5	3	4	5	1	4	1	5	9	6	8	9	9	1	0
6293	5	5	4	4	3	2	4	4	5	4	3	5	5	1	4	1	5	9	6	8	9	9	1	0
6294	5	5	4	3	4	2	4	5	5	5	3	4	5	1	1	1	6	9	6	6	9	7	1	0
6295	5	5	5	4	4	2	4	4	5	5	3	4	5	1	2	1	6	9	5	9	9	6	1	0
6296	4	4	4	4	3	2	5	5	5	5	3	4	6	1	1	1	6	9	6	8	9	8	1	0
6297	5	5	4	4	3	2	4	4	5	5	3	5	6	1	1	1	6	7	6	9	9	9	1	0
6298	5	4	4	3	4	2	5	5	5	5	3	4	5	1	1	1	4	8	6	9	9	6	1	0
6299	6	6	5	4	4	2	5	5	5	5	3	4	5	1	2	1	4	7	6	8	9	7	1	0
6300	6	6	5	4	4	2	5	6	6	6	3	4	5	1	2	1	4	9	6	7	9	8	1	0
6301	5	5	5	5	4	2	5	5	5	5	3	5	5	1	4	1	6	9	6	9	9	8	1	0
6302	5	5	4	4	3	2	5	6	6	5	3	5	6	2	2	2	6	9	6	8	9	7	1	0
6303	5	6	5	4	4	2	5	5	4	5	3	5	6	1	1	1	6	9	6	9	9	7	1	0
6304	4	5	5	4	3	3	6	6	4	6	3	5	6	1	4	1	4	8	6	8	9	8	1	0
6305	5	5	4	4	3	3	6	6	5	6	3	4	5	1	3	3	5	9	5	9	9	9	1	0
6306	5	6	4	5	4	2	4	4	5	4	3	5	4	1	1	1	6	4	6	9	9	8	1	0
6307	5	5	4	4	3	2	5	3	1	4	3	5	5	1	4	1	6	9	6	9	9	6	1	0
6308	5	5	5	4	4	2	6	6	5	6	3	4	7	1	4	1	5	8	5	6	9	7	1	0
6309	6	6	5	4	4	3	5	5	5	6	3	3	5	1	2	1	4	9	6	7	9	4	1	0
6310	5	6	5	3	4	2	5	6	6	6	3	3	6	1	2	1	5	7	6	8	9	4	1	0
6311	6	6	5	4	3	2	5	5	6	6	5	3	5	1	4	1	5	9	6	6	9	8	1	0
6312	4	4	4	3	4	2	6	5	4	5	3	5	5	1	2	3	3	0	6	9	9	9	1	5
6313	5	5	4	5	3	3	7	7	5	6	3	5	6	1	1	1	4	0	7	9	0	9	1	5
6314	5	6	4	4	4	2	6	6	5	6	3	5	6	1	1	1	4	0	6	9	9	9	1	0
6315	5	5	4	5	4	3	6	5	4	5	3	5	6	1	1	1	3	0	6	9	9	9	1	0
6316	5	6	4	6	4	3	6	6	5	6	4	5	6	1	1	1	3	0	6	9	9	9	1	0
6317	4	5	4	4	4	3	5	5	4	5	3	5	7	1	2	1	4	0	6	9	9	8	1	0
6318	5	5	5	3	3	2	6	6	6	6	6	4	5	1	4	1	5	0	6	9	0	9	1	5
6319	5	5	4	6	4	3	6	6	6	5	3	5	5	1	4	1	3	0	6	9	9	9	1	0
6320	5	6	4	4	3	2	5	5	5	5	3	5	5	1	1	1	5	0	6	9	9	9	1	0
6321	5	5	4	4	4	3	4	4	5	5	4	5	5	1	1	1	3	0	6	9	9	9	1	0

ILC	DAF	FDU	DMA	HGT	CAW	GrH	BYD	SYD	HT	S/M	PD	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CN	COL	IDC	HER
6322	5	6	4	4	4	2	6	6	4	5	3	5	5	1	1	1	3	0	6	9	8	9	1	5
6323	5	5	4	5	4	3	5	5	6	6	6	4	4	1	1	1	7	0	5	0	0	9	1	5
6324	5	6	4	5	4	3	5	5	4	6	4	4	5	1	4	1	5	0	6	9	9	9	1	5
6325	5	6	5	5	4	3	6	6	4	6	3	4	6	1	4	1	3	0	6	9	9	9	1	3
6326	5	6	5	4	3	3	6	6	5	6	3	5	7	1	1	1	3	0	7	9	9	9	1	5
6327	5	5	4	3	4	2	5	5	5	5	5	4	4	1	4	1	3	0	7	9	9	9	1	5
6328	5	6	4	4	3	3	5	5	5	5	3	5	4	1	1	1	4	0	6	9	9	9	1	7

**EVALUATION DATA ON**

**WILD CICER SPECIES**

	ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/H	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CH	COL
3-1/1	5	4	6	3	4	5	5	5	5	5	5	4	1	7	1	9	-	0	8	7	6
3-1/2	5	4	6	4	5	5	5	5	6	5	5	3	1	7	1	7	6	2	1	9	9
3-2	4	3	6	3	4	4	4	4	4	2	5	4	1	7	1	7	-	0	9	8	7
4/1	4	4	5	5	5	5	5	5	5	4	5	5	1	6	1	9	6	2	7	8	3
4/3	4	3	5	5	5	5	5	5	5	3	5	4	1	6	2	9	1	2	8	8	9
4/4	5	4	6	3	5	5	5	5	6	5	5	4	1	6	1	9	1	2	4	9	9
4/5	4	4	6	5	5	4	5	5	6	4	5	4	1	5	1	3	1	2	8	9	9
4-1	5	4	6	3	3	5	5	5	4	3	5	6	1	8	1	3	9	3	8	9	5
4-2	5	3	5	3	4	5	5	5	6	5	5	4	1	7	1	3	1	3	8	9	9
7-1	5	6	4	5	4	3	3	3	3	4	3	4	1	7	3	3	1	5	1	1	1
7-2	0	0	0	0	0	4	4	4	4	5	4	5	1	7	3	3	1	5	2	1	2
7-4	6	6	5	4	4	3	3	3	3	4	3	8	1	7	3	3	1	5	3	1	2
7-5	5	4	6	3	3	5	5	5	5	5	5	5	1	8	1	3	9	3	9	9	3
7/S-1	6	6	3	5	4	2	2	2	4	3	3	4	1	5	3	3	1	5	2	1	2
7/S-3	6	6	3	5	4	4	4	4	4	5	3	4	1	5	3	3	1	5	5	1	2
7/S-4	6	6	4	4	4	4	4	4	3	5	3	3	1	7	3	3	1	5	3	1	2
7/S-5	5	5	4	5	4	3	3	3	3	4	3	3	1	8	3	5	1	0	1	1	2
7/S-11	6	5	4	5	4	4	4	4	4	5	4	4	1	7	3	6	1	5	1	1	2
7/S-12	5	5	5	4	4	4	4	4	3	5	3	6	1	5	3	3	3	5	1	1	2
7/S-13	6	6	5	5	4	4	4	4	4	5	3	4	1	7	3	3	4	0	2	3	2
7/S-14	6	6	4	5	4	4	4	4	3	4	3	5	1	8	3	3	1	0	1	1	2
7/S-15	5	6	4	5	4	3	3	3	3	4	3	4	1	5	3	3	1	0	2	1	2
7/S-17	6	6	4	5	4	3	3	3	3	4	3	5	1	7	3	3	1	0	1	1	2
7/S-18	6	6	4	4	4	3	3	3	3	4	3	5	1	7	3	3	1	0	1	3	2
8-2	5	4	5	3	3	5	5	5	5	5	5	0	1	8	1	3	-	3	8	9	8
8-3	6	6	4	5	4	3	3	3	4	3	4	3	1	7	3	8	1	5	1	3	3
8-4	5	6	4	4	4	3	3	3	3	4	3	2	1	8	3	3	-	0	5	3	2
8/S-1	6	6	3	5	4	5	5	5	4	5	4	4	1	7	3	5	1	0	2	3	2
8/S-3	6	6	4	5	4	3	4	4	4	4	4	4	1	5	3	5	1	5	3	3	2
8/2	5	6	5	5	4	3	4	4	4	5	3	4	1	6	1	6	3	0	7	7	3
9/1	5	4	4	3	3	5	5	5	5	5	5	6	1	8	1	3	-	4	9	9	8
9/2	5	4	3	3	3	5	5	5	5	5	5	4	1	8	1	3	-	4	8	9	4
9/3	5	4	5	3	3	5	5	5	4	5	5	4	1	8	1	3	-	4	8	8	7
9/S-1	5	4	5	3	3	5	5	5	4	5	5	4	1	8	1	3	-	3	9	9	6
9/S-2	5	4	6	3	3	5	5	5	6	5	5	3	1	7	1	3	9	4	4	3	8
15-1	5	4	7	2	5	6	5	5	6	6	5	0	1	7	1	-	-	0	8	9	7
16/1	5	4	7	2	5	6	0	0	0	0	0	0	1	7	1	-	-	0	6	9	7
16/2	3	3	6	4	5	5	5	5	4	4	5	4	1	6	1	6	4	3	9	9	9
19-1	5	4	5	3	4	5	5	5	5	4	5	5	1	8	1	5	-	3	8	9	7
19-2	4	3	2	5	5	4	5	5	5	3	5	4	1	6	1	3	5	2	2	9	9



	ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	HSW	PRO	SS	SCO	SRO	AB	FW	LM	CC	CH	COL
	20/1	3	3	6	6	5	4	5	5	1	5	4	1	6	1	5	1	0	8	9	9
	20/2	4	3	5	2	4	5	5	5	4	5	4	1	5	1	5	4	2	2	9	9
	20/3	0	0	0	0	0	0	0	0	0	0	0	1	-	1	3	4	0	5	8	9
	20/S-1	3	3	5	4	5	5	5	5	4	5	4	1	6	1	3	1	0	8	8	9
	20/S-2	4	3	3	3	5	5	5	5	6	5	4	1	6	1	3	1	0	8	8	9
	20/S-3	5	4	5	3	3	5	5	5	5	5	6	1	8	1	3	7	3	8	9	6
	20/S-4	2	3	3	5	5	5	5	5	3	5	3	1	6	1	3	1	2	2	8	8
	20/S-5	2	3	5	5	5	4	5	5	3	5	2	1	6	1	5	1	2	2	9	8
	20/S-6	5	4	5	3	3	5	5	4	5	5	5	1	8	1	3	-	3	8	5	6
	21-1/1	5	6	6	5	4	3	4	4	4	4	3	1	6	1	7	4	0	1	7	4
	21-1/2	5	6	6	4	4	4	4	4	5	3	4	1	6	1	6	3	0	6	9	4
	21-1-2/1	5	6	6	4	4	4	4	3	5	3	3	1	6	1	6	1	0	6	8	4
	21-1-2/2	5	6	6	4	4	5	5	4	5	3	4	1	6	1	6	1	0	3	8	3
	21-2/1	5	6	6	4	4	4	4	3	5	3	4	1	5	1	6	5	0	7	9	3
	21-2/2	4	6	5	5	4	4	4	3	5	5	3	1	5	1	5	1	0	5	9	4
	21-2/3	5	6	6	4	4	4	4	3	5	3	3	1	5	1	7	4	0	4	8	3
	21-2/5	5	6	5	4	4	4	4	3	5	3	3	1	1	1	6	1	0	2	8	3
	21-3/3	5	6	5	5	4	2	3	4	5	2	2	1	1	1	7	1	0	8	8	3
	21-11	4	6	6	4	4	4	4	3	5	3	4	1	6	1	9	3	0	4	8	3
	21-14	4	6	6	4	4	4	4	3	5	3	5	1	5	1	9	1	5	7	9	3
	21-15	5	6	5	5	4	4	4	4	5	3	5	1	6	1	6	1	0	0	9	3
	21-17	5	6	5	4	4	4	4	3	5	3	5	1	5	1	7	4	5	7	9	3
	21-20	5	6	6	4	4	4	4	3	5	3	5	1	5	1	9	1	0	0	9	3
	21-21	4	6	6	4	4	4	4	3	5	3	4	1	6	1	7	3	0	0	9	3
	21-26	5	6	6	4	4	5	5	3	5	3	3	1	1	1	6	5	0	8	9	3
	21-27	5	6	5	4	4	4	4	3	5	3	5	1	5	1	6	4	0	6	9	4
	21-28	6	6	6	4	4	4	4	4	5	3	4	1	5	1	9	5	0	6	9	4
	21-30	6	6	5	4	4	5	5	5	6	3	2	1	5	1	5	1	0	8	7	3
	21-31	5	5	6	4	4	5	5	3	5	3	3	1	1	1	3	0	5	7	3	3
	21-32	5	5	5	4	4	3	3	3	5	2	3	1	6	1	5	1	0	5	3	3
	22-1	4	4	4	4	3	5	5	5	5	5	3	1	8	1	5	-	3	8	9	5
	22-2	5	4	3	4	3	5	5	4	5	5	4	1	1	1	6	1	4	8	9	5
	23/1	5	4	7	3	5	6	5	5	6	5	4	1	7	1	-	-	0	0	9	7
	23/2	0	0	0	0	0	0	0	0	0	0	0	1	-	1	7	-	0	7	9	9
	23/3	0	0	0	0	0	0	0	0	0	0	0	1	-	1	-	-	2	7	9	7
	29-1	5	4	2	4	3	5	5	5	4	5	4	1	8	1	3	6	3	8	9	5
	29-2	5	4	1	5	3	5	5	4	1	5	4	1	1	1	4	4	4	8	9	4
	29/S-1	3	3	5	6	5	5	5	6	4	5	4	1	6	1	3	1	3	8	8	9
	29/S-2	5	4	3	5	3	5	5	4	4	5	4	1	1	1	3	1	4	8	9	5
	29/S-3	5	4	5	4	3	5	5	4	5	5	4	1	1	1	5	1	4	8	9	7

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	ILWC	DAF	DMA	HGT	CAW	GrH	BYD	SYD	HI	S/M	HSW	PRC	SS	SCO	SRO	AB	FW	LM	CC	CN	COL
29/S-4	5	4	4	4	4	3	5	5	4	5	5	4	1	1	1	3	5	3	8	9	7
29/S-5	4	4	6	4	4	5	6	5	4	5	5	5	1	6	1	5	1	2	9	8	7
29/S-7	4	4	3	5	4	5	5	5	4	4	5	5	1	1	1	3	5	4	2	9	5
29/S-9	5	5	3	5	4	5	5	5	4	4	5	4	1	1	1	3	4	4	8	9	3
29/S-10	5	4	4	5	4	4	5	5	4	5	5	5	1	1	1	3	7	4	8	9	3
30-1	5	4	3	4	3	5	5	5	5	5	5	4	1	8	1	2	-	3	8	9	4
30-2	3	3	5	6	5	5	5	5	5	5	5	5	1	6	1	2	1	2	8	8	9
30-3	5	4	4	5	4	5	5	5	4	4	5	5	1	1	1	3	7	4	8	9	7
30/S-1	3	3	5	7	5	5	5	5	5	3	5	4	1	7	1	2	4	2	9	9	8
30/S-2	6	5	4	4	3	5	5	5	5	6	5	4	1	1	1	3	9	4	8	9	5
31-2	3	3	5	3	4	5	5	5	6	6	5	0	1	6	1	3	4	2	8	8	6
31-3	3	3	6	5	5	5	5	5	5	4	5	6	1	6	1	5	1	2	8	8	9
31-4	3	3	5	5	5	5	5	5	5	3	5	5	1	6	1	2	1	2	8	8	9
31/S-1	4	3	5	6	5	5	5	5	5	4	5	0	1	7	1	2	-	2	6	8	9
31/S-2	3	3	3	4	5	5	5	5	6	5	5	6	1	6	1	3	3	2	8	8	9
32-2	5	6	2	7	4	5	1	4	4	1	3	3	1	5	3	7	1	5	4	3	2
33/S-1	3	3	4	6	4	5	5	5	5	4	5	0	1	5	1	7	1	2	5	9	9
33/S-2	5	4	4	4	3	5	5	4	5	5	4	1	1	1	1	3	7	3	8	9	6
33/S-3	5	4	4	4	3	5	5	5	5	5	5	5	1	1	1	3	9	3	9	9	6
33/S-4	5	4	4	3	3	5	5	6	6	6	5	4	1	1	1	3	1	3	2	9	5
33/S-5	5	4	4	4	3	5	5	5	5	5	5	6	1	1	1	3	1	3	8	9	8
33/S-6	3	3	4	5	4	5	5	5	5	4	5	1	1	6	1	3	6	2	1	9	8
33/S-8	3	3	4	6	4	4	5	5	5	3	5	2	1	6	1	3	1	2	1	9	8
33/S-9	3	3	4	6	4	4	5	5	5	2	5	0	1	6	1	3	4	2	8	9	8
33/S-10	3	3	4	4	3	5	5	6	6	5	5	0	1	6	1	3	1	2	1	9	9
34/S-1	6	6	5	6	4	3	4	4	4	4	4	3	1	5	3	3	1	0	1	8	3
34/S-2	6	6	5	6	4	4	4	4	4	5	4	2	1	5	3	3	1	4	5	3	2
35/S-1	6	6	5	6	4	4	4	4	4	5	4	2	1	5	3	3	1	4	5	3	2
35/S-2	5	5	5	5	4	2	2	3	4	3	4	1	1	7	3	5	1	3	0	9	4
35/S-3	6	6	6	5	4	3	3	3	4	3	4	4	1	7	3	5	1	0	1	9	3
36/3	4	5	6	5	4	1	1	4	3	3	3	3	1	5	1	9	1	0	7	9	3
37/S-1	4	4	3	3	6	5	5	5	5	6	5	0	2	7	2	3	-	0	4	9	9
37/S-2	2	3	5	6	5	5	5	5	4	4	5	5	1	6	1	5	4	2	7	8	8
37/7	4	4	3	4	6	5	5	5	5	5	5	5	2	5	2	8	-	2	1	9	9
38/S-1	3	3	5	5	4	5	5	5	4	5	5	4	1	6	1	3	1	3	8	9	8
38/S-2	3	3	5	6	4	4	5	5	5	3	5	3	1	6	1	3	1	3	1	6	5
38/S-3	2	3	5	6	5	5	5	5	6	4	5	4	1	6	1	3	1	3	7	9	9
38/S-4	3	3	5	4	4	5	5	5	6	5	5	0	1	6	1	3	1	2	8	9	9
39	5	5	5	6	5	5	1	4	4	2	3	5	1	7	3	4	1	0	1	9	4
40	0	0	0	0	0	0	0	0	0	0	0	0	2	-	2	3	-	0	6	9	9

ILWC	DAF	DNA	HGT	CAW	GFH	BYD	SYD	HI	S/M	HSW	PRO	SS	SCO	SRO	AB	PW	LM	CC	CM	COL
41/1	4	5	5	5	4	5	5	6	5	5	3	1	6	1	3	1	0	7	9	9
41/2	4	4	4	4	4	6	5	6	6	5	0	1	6	1	3	1	2	8	9	8
42/1	5	6	3	7	4	2	3	4	3	4	3	1	5	3	6	1	0	0	3	2
42/2	5	6	4	7	4	1	2	4	3	4	5	1	5	3	7	1	0	0	3	2
43/1	4	4	4	4	4	6	5	6	6	5	5	1	6	1	3	1	2	7	9	9
43/2	4	5	5	4	4	6	5	7	6	5	0	1	6	1	3	1	2	6	9	9
44/2	5	6	5	4	4	6	5	6	6	5	0	1	6	1	3	-	2	8	9	9
45	4	4	5	5	4	5	5	6	5	5	5	1	6	1	3	-	2	8	9	9
46	6	4	5	5	4	5	5	6	4	5	6	1	6	1	3	1	2	1	9	9
47/1	4	3	3	5	4	5	5	7	6	0	0	1	6	1	3	-	3	7	9	9
47/2	5	4	5	4	3	5	5	5	5	5	0	1	6	1	3	1	3	6	9	9
48/1	4	4	5	4	4	5	5	6	5	5	4	1	6	1	3	1	0	8	8	9
48/2	4	5	5	6	4	5	5	6	4	5	0	1	6	1	3	1	2	6	8	9
48/3	5	5	5	5	3	5	5	6	6	5	0	1	6	1	3	1	2	9	9	9
49/1	4	5	5	3	3	5	5	4	5	4	4	1	1	1	3	4	3	9	8	4
49/2	3	4	5	4	3	5	5	4	4	5	3	1	1	1	3	1	3	8	8	4
50/1	6	5	4	5	4	5	5	6	6	4	0	1	6	1	3	1	2	8	9	9

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