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RESULTS OF THE ELEVENTH INTERNATIONAL BREAD WHEAT SCREENING NURSERY (IBWSN) 1977-78

CIMMYT

CENTRO INTERNACIONAL DE MEJORAMIENTO DE MAIZ Y TRIGO
INTERNATIONAL MAIZE AND WHEAT IMPROVEMENT CENTER

INFORMATION BULLETIN No. 54

RESULTS OF THE ELEVENTH INTERNATIONAL BREAD WHEAT SCREENING NURSERY (IBWSN) 1977-78

CIMMYT

CENTRO INTERNACIONAL DE MEJORAMIENTO DE MAIZ Y TRIGO
INTERNATIONAL MAIZE AND WHEAT IMPROVEMENT CENTER
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CONTENTS

	Page
GLOSSARY	1
INTRODUCTION	2
MATERIAL AND METHODS	2
RESULTS AND DISCUSSION	3
FIGURES	2,4
TABLES	
1. Variables recorded at all sites	6
2. Genealogy and pedigrees of all entries	12
3. Top 10 per cent of lines by average yield	33
4. Frequency and location of entries appearing in top 5 per cent in yield	35
5. Lines which flowered in 86 days or less	36
6. Lines which flowered in 135 days or less	39
7. Lines which matured in 146 days or more	41
8. Entries with highest levels of stem rust resistance	42
9. Entries with highest levels of leaf rust resistance	44
10. Entries with highest levels of stripe rust resistance	49

ACKNOWLEDGMENTS

The data and cooperation received from cereal scientists and institutions around the world are greatly appreciated. This combined effort makes possible the selection of high yielding, widely adapted, disease resistant cultivars.

GLOSSARY OF TERMS USED IN TABLES

BYDV		Barley yellow dwarf virus
Flow days		Days to flower
Grain	1	Large
	1B	Large, white
	2	Medium
	2B	Medium, white
	2R	Medium, red
	3	Small
	3B	Small, white
Helm		*Helminthosporium*
Leaf rust		Leaf Rust
Lodg %		Lodging percentage
Mat days		Days to maturity
Plant ht		Plant height (centimeters)
Powd		Powdery mildew
Sept nodo		*Septoria nodorum*
Sept trit		*Septoria tritici*
Shtr %		Shattering percentage
Stem rust		Stem rust
Strp R.L.		Stripe rust—leaf
Strp R.H.		Stripe rust—head
Test wt		Test weight (kilograms per hectolitre)
Yield kg/ha		Yield (kilograms per hectare)
1000 G.W.		1,000 grain weight (grams)

RESULTS OF THE ELEVENTH INTERNATIONAL BREAD WHEAT SCREENING NURSERY (IBWSN) 1977-1978

INTRODUCTION

Genetic diversity and high yield are keys to acceptance and utilization of germ plasm produced at international crop improvement centers such as CIMMYT. Germ plasm generated from a few crosses would be expected to have narrow adaptation, and its use would be limited to only a few agricultural situations. In the last two decades, the CIMMYT wheat program has been oriented to an approach that allows breeding for diversity while maintaining high yield, wide adaptation and resistance to certain diseases. In the working collections of both spring and winter wheats, there is a wide array of representative cultivars and advanced lines from wheat breeding programs throughout the world. Utilizing this germ plasm, the CIMMYT bread wheat program, under its international mandate for worldwide wheat improvement, provides for 10,000 simple, top and double crosses as a basis for facilitating different genetic combinations. Some of these combinations are found unsuitable for further exploitation and are discarded. The remainder are classified in various categories as F_2 populations, depending on their inherent characteristics, and distributed to a worldwide network of breeding institutions. All F_2 populations are exploited in the CIMMYT base program in Mexico, which alternates between Ciudad Obregon, Sonora, in the winter and Toluca/El Batan in the summer. These environments are in contrast relative to day length and total sunshine, relative humidity, soil type and texture and disease spectrum.

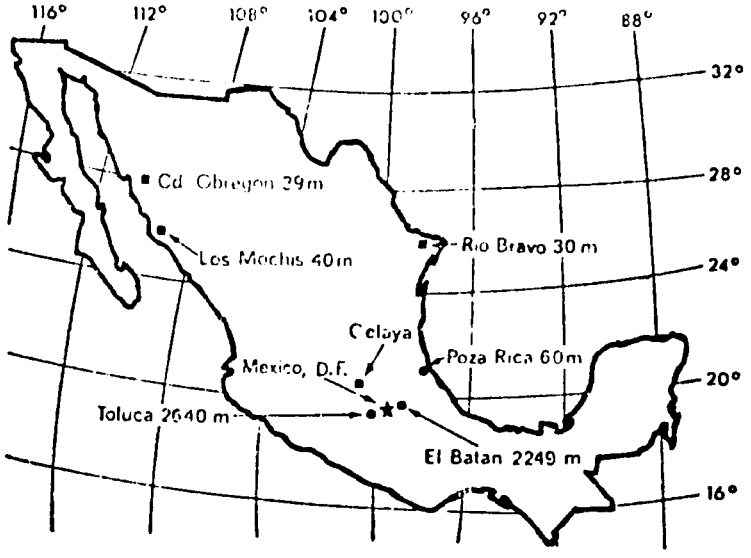
Alternate selection in these ecosystems allows elimination of those phenotypes susceptible to diseases and poor idiotypically. Bulking of populations commences in F_5, F_6 and F_8 at both sites when every plant in the same row appears to be agronomically and pathologically identical. These lines, also known as PCs (*parcelas chicas*, meaning small plots) are evaluated for yield potential in Ciudad Obregon and for disease resistance, particularly to leaf rust, at Los Mochis, Celaya, Rio Bravo and Poza Rica in Mexico.

Three hundred and forty-eight entries of the 11th IBWSN (checks included) were selected from 1,237 PCs after evaluation of yield, leaf rust resistance and suitability for quality characters. This nursery was assembled by the wheat international nursery section of CIMMYT in 1977 and distributed to 188 breeding sites of spring wheat around the world.

MATERIALS AND METHODS

Methodology for producing entries for the International Bread Wheat Screening Nursery has been described previously in IBWSN reports (Information Bulletin Nos. 46 and 48). Production of these entries is the responsibility of the CIMMYT bread wheat program staff. Assembly of seed, nursery distribution and codification of the data rest with those in the International Nursery Department of the Wheat Program.

Figure 1. Breeding and testing sites in Mexico of advanced lines from which entries were selected for the 11th International Bread Wheat Screening Nursery.



All the breeding and testing sites for PCs (advanced lines) from which the 11th IBWSN was selected are presented in figure 1. These sites differ in altitude, latitude and agroclimatic factors. Although 188 sets of the IBWSN were sent out in 1977, the results are based on the data returned to CIMMYT as indicated in table 1. The genealogy and pedigree of each entry of the 11th IBWSN is given in table 2. The first 12 entries are commercial cultivars. In addition, every 20th space in allocated to widely adpated cultivars such as Nacozari 76, Pavon 76, Siete Cerros, Jupateco 73, Anza and Tanori 71.

In recording agronomic and disease data, cooperators were asked to utilize the methodology as published in CIMMYT's Information Bulletin No. 38. Disease data, recorded in the Modified Cobb Scale, were converted to the average coefficient of infection (ACI) as explained in the yearly results of the U.S. Department of Agriculture International Spring Wheat Rust Nursery.

RESULTS AND DISCUSSION

An overall summary of means for all characters recorded for each entry in the 11th IBWSN is presented in table 2. A major objective of this report is to record the high yielding widely adapted lines in this nursery; these lines are listed in table 3. Standard check varieties, like Pavon 76 and Nacozari 76, appear frequently in this table. Many entries included in this list are sister selections of Pavon "S", CM8399 (entries 31, 29, 27, 33, 30) and Nacozari = Bluejay "S", CM5287 (entries 21, 19, 17). This is expected from sister-lines carrying a similar genetic base. Cuckoo "S" (II28424), which occupies the top position (entry 332) is derived from the cross 7C-On x INIA-B. Man, has been commercially released as Haramoun in Middle East countries. It has performed well in the International Spring Wheat Yield Nursery. Other top ranking entries, such as (DIM/Son 64 Kl. Rend x Bb) Tob "S" -8156 x CC-INIA (entry 335), Solsort "S" (entry 96), HD2162 (entry 342), Veery "S" (entry 231), Toluca 73 (Pato (R)-Cal/7C x Bb-Cno) (entry 317), Pavon "S" -Carpintero x Cj71-Cin (entry 309) and INIA "S" -On x INIA-Bb/Jup 73 (entry 152), need to be studied in replicated international yield trials to determine their actual range of adaptation.

Table 4 expands the performance of 22 entries of this nursery according to their frequent appearance in top 5 per cent of the yield. Frequency and individual sites are also given.

Flowering and maturity data are presented in tables 5, 6 and 7, respectively,Tanori 71 was the earliest entry to flower and mature. Many crosses are represented in this early flowering and maturity class. Early wheat is needed in areas where rotation or double-cropping is practiced or where there is a limitation of available irrigation. The late maturity entries (table 7) give better results in higher latitudes (more than 40° N and S).

Tables 8 and 10 present those lines that have the highest levels of resistance to stem rust, leaf rust and stripe rust. The cutoff points for these tables were subjective.

Races 34-1, 2, 3, 7, 8, 9 of *Puccinia graminis tritici* 104-2, 3, GT, S of *Puccinia recondita* were used for seedling inoculation on all entries of the 11th IBWSN by J. Gyarfas, University of Sydney, Australia. The majority of entries were resistant to the stem rust culture, but many were susceptible (4 type) to leaf rust. Many entries produced an "X-type" reaction in the seedling stage but exhibited resistance in the adult plant stage.

Results with *Septoria tritici* and *Septoria nodorum* were erratic, and no separate tabular analysis was made, although the overall means are presented in table 2. Moncho "S" CM8288 (entry 65) had the lowest reading for *Septoria tritici*.

In addition to the above characteristics, table 2 also records results of test weight, plant height, lodging, shattering and reaction to powdery mildew, BYDV, and *Helminthosporium sativum*.

Figure 2. Locations from which 11th IBWSN data were provided by cooperators—numbers keyed to sites listed in table 1.

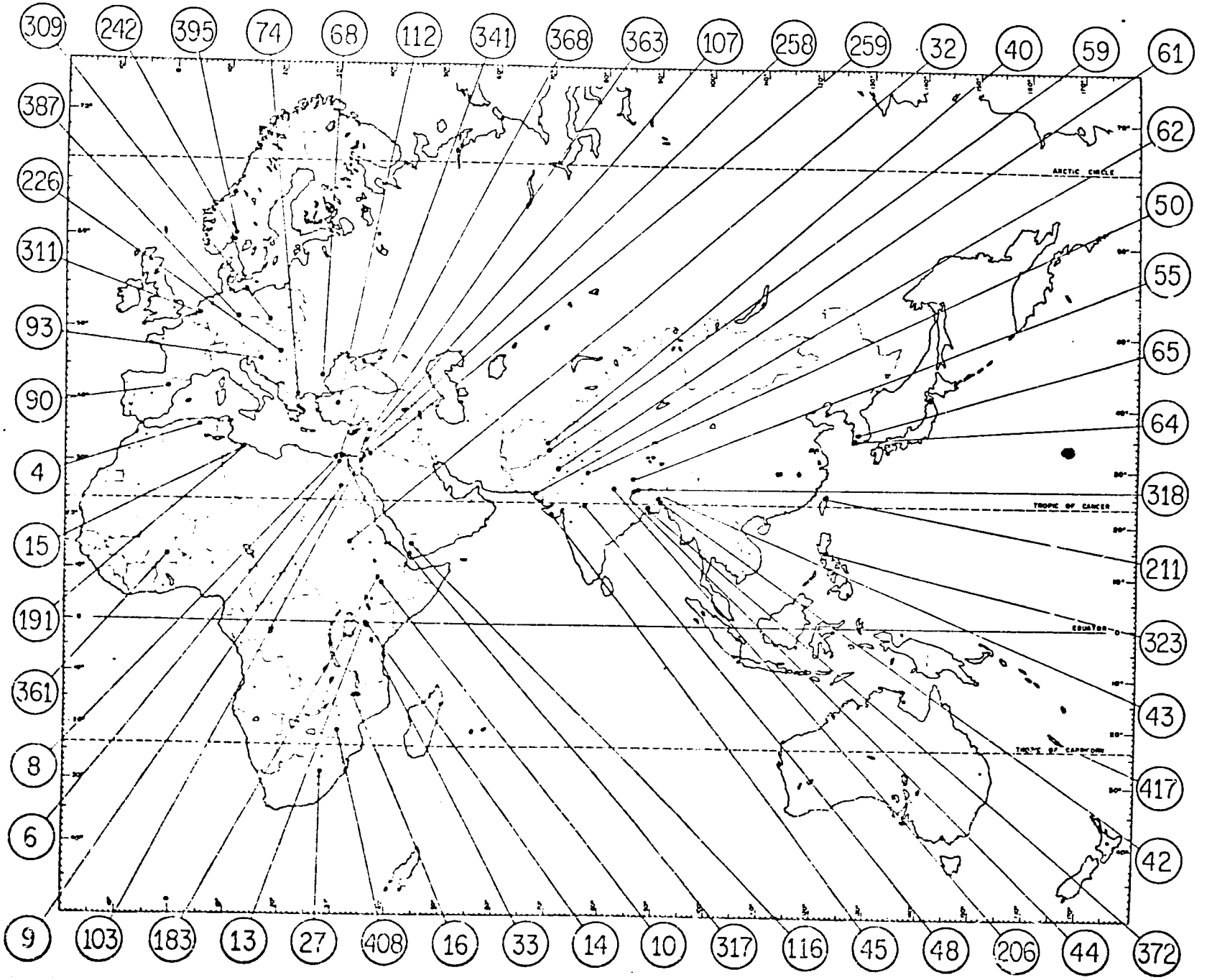


Figure 2. Continued.

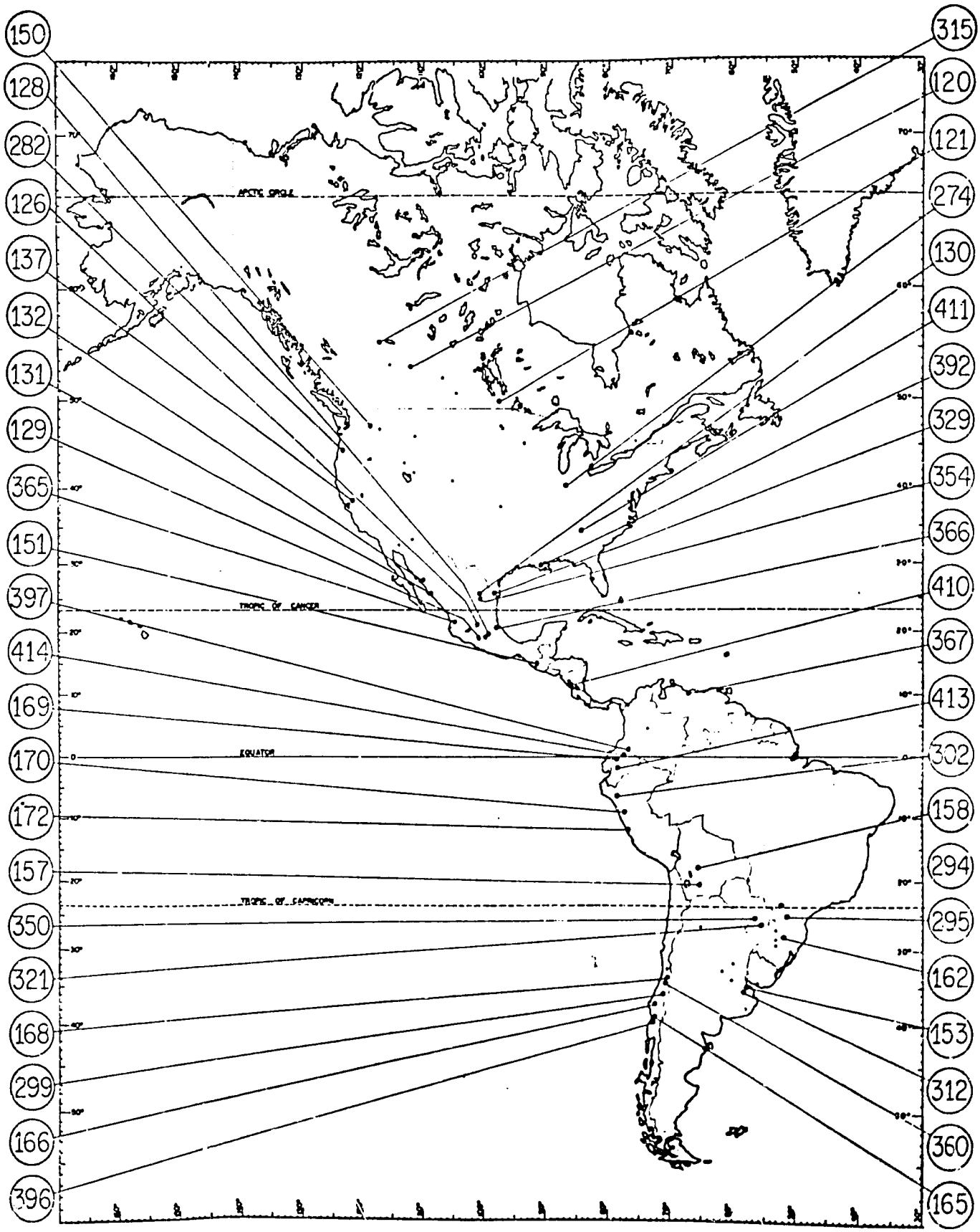


Table 1. Variables recorded at all sites and included in summary table—11th IBWSN

Loc. No.	Location or Institution	COUNTRY	ELEV. M	YIELD KG/HA 1	TEST WT 2	FLOW DAYS 3	MAT DAYS 4	STRP RT.H 5	STRP RT.L 6	LEAF RUST 7	STEM RUST 8	PLTN HT 9
	AFRICA											
4	Setif's IGC	Setif, Algeria	0181	-	-	+	-	+	-	-	-	+
6	Gimmeiza	El Cairo, Egypt	0021	+	-	+	-	-	-	+	-	+
8	Sakha	Kafr El Sheikh, Egypt	0000	+	-	+	+	-	-	+	-	+
9	Mattana	Upper Egypt, Egypt	0021	+	-	+	-	-	-	-	-	+
10	Kulumsa	Arussi, Ethiopia	2150	-	-	+	+	-	-	-	-	-
13	Molo	Rift Valley, Kenya	2804	-	-	-	-	+	-	-	+	-
14	Njoro	Rift Valley, Kenya	2165	-	-	+	-	+	-	-	+	-
15	Sidi Misri	Tripoli, Libya	0010	+	-	+	+	-	-	-	-	+
16	Lilongwe	Southern Prov., Malawi	1548	+	-	-	-	-	-	-	+	+
27	Bethlehem	OFS, South Africa	1631	+	-	+	+	-	-	+	+	+
32	Shambat	Khartoum, Sudan	0375	+	-	+	+	-	-	-	-	+
33	Moshi	Kilimanjaro, Tanzania	1250	+	-	-	-	+	-	-	+	+
183	Holetta	Shoa, Ethiopia	2390	-	-	+	+	-	-	-	-	+
191	Tajoura	Tripoli, Libya	0011	+	-	+	+	-	-	-	-	+
341	Bahtim	Kalobia, Egypt		+	-	+	+	-	-	+	-	+
361	Mogtedo	Upper Volta	0270	+	-	+	-	-	-	-	-	+
408	Chiredzi RI	Chiredzi, Rhodesia	0430	+	-	-	+	-	-	+	+	+
	ASIA											
40	Shishum Bagh	Jalalabad, Afghanistan	0552	-	-	+	+	+	-	-	-	+
42	Joydebpur	Dacca, Bangladesh	0009	+	-	+	+	-	-	+	-	+
43	Ishurdi	Ishurdi, Bangladesh	0007	+	-	+	+	-	-	+	-	+
44	Patna	Bihar, India	0051	+	-	+	+	-	-	+	-	+
45	Junagadh	Gujarat, India	0137	+	-	+	+	-	-	-	-	+
48	Powarkheda	Madhya Pradesh, India	0303	+	-	+	+	-	-	+	+	+
50	New Delhi IARI	New Delhi, India	0022	+	-	+	+	-	-	+	-	+
55	Bhairawa	Lumbini, Nepal	0150	+	-	+	+	-	-	+	-	-
59	Peshawar	NWF Prov., Pakistan	0340	+	-	-	-	+	-	+	-	-
61	Faisalabad	Punjab, Pakistan	0213	-	-	+	+	+	-	+	-	+
62	Tandojam	Sind, Pakistan	0019	+	-	+	-	-	-	+	+	+
64	Mokpo	Chunnam, South Korea	0025	+	-	+	+	-	-	-	-	+
65	Kwan Ju	Suweon, South Korea		+	-	+	+	-	-	-	-	+
206	Uttar Pradesh	Uttar Pradesh, India	0187	+	-	+	+	-	-	+	-	+
211	Taichung	Taipei, Taiwan		+	-	+	-	-	-	-	-	+
318	Pusa, IARI	Bihar, India	0050	+	-	+	+	-	-	+	-	+
323	Los Baños	Luzon, Philippines	0021	+	-	+	+	-	-	-	-	+
372	Malda	West Bengal, India		+	-	+	+	-	-	+	+	+
	EUROPE											
68	Dobrudja	Tolbukhin, Bulgaria	0236	-	-	+	+	-	-	+	+	+
74	P.B.I.	Thessaloniki, Greece	0010	+	-	+	+	-	-	+	+	+
90	Coqullada	Zaragoza, Spain	0202	+	-	+	-	-	-	-	-	+
93	Zagreb	Croatia, Yugoslavia	0116	-	-	+	-	-	-	+	-	-
226	Stupice	Czechia, Czechoslovakia		+	-	+	+	-	-	-	-	+
242	Univ. Norway	Oslo, Norway	0090	+	-	+	-	-	-	-	-	-
309	Henrykow	Henrykow, Poland	0220	+	-	+	+	+	-	-	-	+
311	Wageningen	Gelderland, Netherlands		-	-	-	-	+	-	-	-	-
387	Saatzucht	Magdebur, East Germany	0202	+	-	+	+	-	-	-	-	-
395	Apelsvoll	Ostre Toten, Norway	0250	+	-	-	-	-	-	-	-	+

Table 1. Continuation

Loc. No.	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	HELM
	10	11	13	14	15	16	40	41
AFRICA								
4	-	-	-	-	-	-	-	-
6	-	+	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	+	-	-	-
13	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-	-
32	-	-	-	-	-	-	-	-
33	-	-	-	-	-	-	-	-
183	-	-	-	-	+	-	-	-
191	-	-	-	-	-	-	-	-
341	-	+	-	-	-	-	-	-
361	-	-	-	-	-	-	-	-
408	+	-	-	-	-	-	-	-
ASIA								
40	+	-	-	-	-	-	-	-
42	-	-	-	-	-	-	-	-
43	-	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-
61	-	-	-	-	-	-	-	-
62	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-
206	-	-	-	-	-	-	-	-
211	-	-	+	-	-	-	-	-
318	-	-	-	-	-	-	-	-
323	-	-	-	-	-	-	-	-
372	+	-	-	-	-	-	-	-
EUROPE								
68	-	-	-	-	-	-	-	-
74	-	-	-	+	-	-	-	-
90	-	-	-	-	-	-	-	-
93	-	-	-	+	-	-	-	-
226	-	-	-	+	-	-	-	-
242	-	-	-	-	-	-	-	-
309	+	-	-	-	+	-	-	-
311	-	-	-	-	-	-	-	-

Table 1. Continuation

Loc. No.	Location or Institution	COUNTRY	ELEV M	YIELD KG/HA 1	TEST WT 2	FLOW DAYS 3	MAT DAYS 4	STRP RT.H 5	STRP RT.L 6	LEAF RUST 7	STEM RUST 8	PLNT HT 9
	MIDDLE EAST											
103	Mivhor Farm	R.D.Sde-Gat, Israel	0120	-	-	-	-	-	-	-	-	-
107	Tel Amara	Beka'a Valley, Lebanon	0950	-	-	+	+	-	-	-	-	-
112	Adapazari	Sakarya, Turkey	0033	-	-	-	-	+	-	+	-	+
116	Al Minjedah	Sana'a, Yemen	0023	+	-	+	+	-	-	-	+	+
258	Volcani Center	Bet Dagan, Israel	0030	+	-	+	-	-	-	-	+	+
259	Jubeiha	Amman, Jordan	0980	+	-	-	-	-	-	-	-	+
317	Aussefera	Taiz, Yemen	1350	-	-	+	+	-	-	+	+	+
363	ICARDA	Aleppo, Syria	0300	+	-	+	+	-	-	-	-	+
368	A.R.I.	Athalassa, Cyprus	0142	+	-	+	-	-	-	-	-	+
	NORTH AMERICA											
120	Univ.of Alberta	Alberta, Canada	0677	+	-	-	-	-	-	-	-	+
121	Winnipeg	Manitoba, Canada	0235	+	-	-	-	-	-	-	-	-
126	CIAB/Celaya	Guanajuato, Mexico	1765	-	-	+	+	+	-	+	-	-
128	El Batan	Edo. de Mexico, Mexico	2249	-	-	-	-	+	-	+	-	-
129	Atizapan	Edo. de Mexico, Mexico	2640	-	-	-	-	+	-	+	-	-
130	Monterrey	Nuevo Leon, Mexico	0537	+	-	+	+	-	-	-	-	+
131	Los Mochis	Sinaloa, Mexico	0015	-	-	-	-	-	-	+	-	-
132	Cd.Obregon CIANO	Sonora, Mexico	0038	+	-	+	-	-	-	+	-	-
137	Davis	California, USA	0018	+	-	+	+	+	-	+	-	+
150	Pullman	Washington, USA	0762	+	-	-	-	+	-	+	-	+
274	Purdue Univ.	Indiana, USA	0215	-	-	-	-	-	-	+	-	-
282	Corvallis	Oregon, USA	0068	-	-	-	-	+	-	-	-	-
315	Beaverlodge	Alberta, Canada		+	-	+	-	-	-	-	-	+
329	Rio Bravo	Tamaulipas, Mexico		-	-	-	-	-	-	+	-	-
354	Navidad	Nuevo Leon, Mexico	1895	+	-	+	+	-	-	-	-	+
365	Santiago	Nayarit, Mexico		-	-	-	-	-	-	+	-	-
366	Poza Rica	Veracruz, Mexico		-	-	-	-	-	-	+	-	-
392	A.E.S.	Louisiana, USA	0030	+	-	-	+	-	-	+	-	+
411	Dekalb	Georgia, USA		-	-	-	-	-	-	-	-	+
	CENTRAL AMERICA											
151	Labor Ovalle	Quezaltenango, Guatemala	2407	-	-	-	+	+	-	-	-	+
410	I.A.P.A.	Jinotega, Guatemala	1000	+	-	+	+	-	-	-	-	+

Loc. No.	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	HELM
	10	11	13	14	15	16	40	41
MIDDLE EAST								
103	-	-	-	-	-	-	-	-
107	-	-	-	-	-	-	-	-
112	-	-	-	-	-	-	-	-
116	-	-	-	-	-	-	-	-
258	-	-	-	-	-	-	-	-
259	-	-	-	-	-	-	-	-
317	-	-	-	-	-	-	-	-
363	-	-	-	-	-	-	-	-
368	-	-	-	-	-	-	-	-
NORTH AMERICA								
120	-	-	-	-	-	-	-	-
121	-	-	-	-	-	-	-	-
126	-	-	-	-	-	-	-	-
128	-	-	-	-	-	-	-	-
129	-	-	-	-	-	-	-	-
130	-	-	-	-	-	-	-	-
131	-	-	-	-	-	-	-	-
132	-	-	-	-	-	-	-	-
137	+	+	-	-	-	-	-	-
150	-	+	-	-	-	-	-	-
274	-	-	-	-	+	-	-	-
282	-	-	-	-	+	-	-	-
315	-	-	-	-	-	-	-	-
329	-	-	-	-	-	-	-	-
354	-	-	-	-	-	-	-	-
365	-	-	-	-	-	-	-	-
366	-	-	-	-	-	-	-	-
392	-	-	-	-	-	-	-	-
411	-	-	-	-	-	+	-	-
CENTRAL AMERICA								
151	-	-	-	-	-	-	-	-
410	-	-	-	-	-	-	-	-

Table 1. Continuation

Loc. No.	Location or Institution	COUNTRY	ELEV M	YIELD KG/HA 1	TEST WT 2	FLOW DAYS 3	MAT DAYS 4	STRP RT.H 5	STRP RT.L 6	LEAF RUST 7	STEM RUST 8	PLTN HT 9
	SOUTH AMERICA											
153	La Dulce	Buenos Aires, Argentina	0071	+	+	+	-	-	-	-	-	-
157	Chinoli	Potosi, Bolivia	3450	-	-	-	-	+	-	-	-	-
158	San Benito	Cochabamba, Bolivia	2730	+	-	+	+	-	-	-	-	+
162	Passo Fundo	Rio Grande do Sul, Brazil	0700	-	-	+	-	-	-	+	-	+
165	Carrillanca	Cautin, Chile	0200	+	-	-	-	+	-	-	-	+
166	Quilamapu	Chillan, Nuble, Chile	0144	+	-	+	-	+	-	-	-	+
168	La Platina	Santiago, Chile	0629	+	-	-	-	+	-	-	-	+
169	Sta. Catalina	Quito, Pichincha, Ecuador		-	-	-	-	+	-	-	-	-
170	Ancash	Ancash, Peru	2600	+	-	+	+	-	+	+	+	+
172	La Molina	Lima, Peru	0251	+	-	+	+	-	-	+	-	+
294	Londrina	Parana, Brazil		+	+	+	+	-	-	+	+	+
295	Ponta Grossa	Parana, Brazil	0120	-	-	-	+	-	-	+	+	+
299	Pirquen	Santiago, Chile		+	-	-	-	-	+	-	-	+
302	Cajamarca	Cajabamba, Peru		+	-	+	-	+	+	-	-	+
312	Criadero Klein	Buenos Aires, Argentina	0055	+	-	+	-	-	-	-	-	+
321	Cap. Miranda	Itapua, Paraguay		-	-	-	-	-	-	+	+	+
350	Inst.Agr.Nal	Cacupe, Paraguay	0228	-	-	-	-	-	-	+	+	+
360	E.E.S.N.A.	Graneros-Racagua, Chile	0472	+	-	-	-	+	-	-	-	+
367	Cagua	Aragua, Venezuela	0444	+	-	-	-	-	-	-	-	+
396	Seed Baer E.S.	Cautin, Chile	0010	+	-	-	-	+	-	-	-	-
397	Obonuco	Nariño, Colombia	2710	+	-	+	-	+	+	-	-	+
413	Austro-Cuenca	Azuay, Ecuador		-	-	+	-	+	-	+	+	-
414	El Angel	Carchi, Ecuador		-	-	-	-	+	-	-	-	-
	OCEANIA											
417	C.R.E.A.	Bourail, New Caledonia		+	-	-	-	-	-	-	-	+

+ = REPORTED

- = NOT REPORTED

Table 1. Continuation

Loc. No.	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	HELM
	10	11	13	14	15	16	40	41
SOUTH AMERICA								
153	-	-	-	-	+	-	-	-
157	-	-	-	-	+	-	-	-
158	-	-	-	-	+	-	-	-
162	-	-	-	-	-	-	-	-
165	+	-	-	-	-	-	-	-
166	-	-	-	-	-	-	-	-
168	-	-	-	-	-	-	-	-
169	-	-	-	-	-	-	-	-
170	-	-	-	-	-	-	-	-
172	-	-	-	-	-	-	-	-
294	-	-	-	-	-	-	-	-
295	-	-	-	-	-	-	-	-
299	-	-	-	-	-	-	-	-
302	-	-	-	-	-	-	-	-
312	-	-	-	-	-	-	-	-
321	-	-	-	-	+	+	-	+
350	-	-	-	+	-	-	-	-
360	-	-	-	-	+	+	-	-
367	-	-	-	-	-	-	-	-
396	-	-	-	-	+	+	-	-
397	-	-	-	-	-	-	-	-
413	+	+	-	-	-	-	-	-
414	-	-	-	-	-	-	-	-
OCEANIA								
417	-	-	-	-	-	-	-	-

Table 2. Genealogy and pedigrees of all entries with summary of all variable means in entry order—11th IBWSN

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	BNTH %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	MELM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
1	JUPATECO73	2	MEX/CIMMYT	3229.2	79.9	86.5	138.8	43.7	17.5	19.8	12.7	78.5	13.3	12.5	26.8	28.7	47.4	19.6	25.0	44.0
2	CECHAQUE75	2R	MEX/CIMMYT	2971.6	79.0	84.5	136.3	19.3	12.0	4.0	5.4	73.6	30.0	17.5	33.0	45.0	45.0	28.4	30.0	56.0
3	ASAHUAC75	2	MEX/CIMMYT	2922.2	77.7	87.3	136.5	21.2	11.9	7.0	8.3	77.8	25.0	17.5	35.0	47.3	42.2	30.4	20.0	44.0
4	TANORI71	2B	MEX/CIMMYT	3034.0	76.8	81.6	134.3	26.3	1.9	16.4	12.4	73.7	18.0	11.3	36.4	52.0	54.9	24.0	30.0	56.0
5	TONI73	1	MEX/CIMMYT	2711.5	-----	83.4	134.5	13.9	3.3	9.9	8.9	62.3	9.2	15.0	30.0	47.1	50.0	33.0	35.0	56.0
6	ZAPAGUA75	3	MEX/CIMMYT	3062.7	68.7	96.9	140.6	16.9	37.0	13.7	18.2	71.1	11.7	23.0	19.0	27.1	45.2	21.0	35.0	59.0
7	INIA66	2	MEX/CIMMYT	3108.4	80.0	63.9	137.3	40.0	20.0	22.4	14.1	80.1	11.7	14.3	27.0	44.7	42.6	37.2	30.0	22.0
8	SONTECOPROS66	3B	MEX/CIMMYT	3491.4	75.9	88.2	137.3	35.4	28.0	44.1	27.9	78.6	15.0	12.0	26.0	35.0	52.0	31.0	45.0	56.0
9	POTAM	2B	MEX/CIMMYT	2291.5	73.6	82.9	136.3	25.9	5.0	19.1	15.9	70.4	15.0	26.0	31.4	45.9	59.0	36.4	28.0	56.0
10	SALAMANCA75	2	MEX/CIMMYT	3[illegible]5.0	75.9	84.0	136.0	8.4	3.3	19.4	12.2	75.0	40.0	18.0	38.4	37.9	54.5	28.6	35.0	50.0
11	PIMA 77 II-21515-1P-1P-3P-5M-0Y	2B	MEX/CIMMYT	3059.5	71.4	86.7	136.0	6.0	1.7	14.5	17.6	76.3	26.7	18.0	26.0	53.7	46.0	27.4	40.0	33.0
12	TESOPACO76	2	MEX/CIMMYT	3432.3	78.1	86.7	136.3	15.0	1.7	4.1	14.2	87.0	27.5	14.0	27.0	58.7	49.0	30.0	30.0	56.0
13	SAPSUCKER"S" RA69-1Y-3M-6Y-0M	2	MEX/CIMMYT	3284.0	76.3	86.0	136.1	12.5	1.7	6.1	12.2	88.0	38.3	21.0	29.4	56.1	46.4	36.6	35.0	22.0
14	SAPSUCKER"S" RA69-1Y-3M-7Y-0M	2	MEX/CIMMYT	3280.4	78.1	86.5	136.3	20.4	1.7	6.4	10.2	87.4	29.2	18.0	26.0	55.[illegible]	45.2	35.0	50.0	44.0
15	MACCZAR176	2B*	MEX/CIMMYT	3449.7	78.6	86.4	136.0	10.9	6.7	19.0	17.0	77.0	10.0	10.0	31.0	46.7	53.6	31.4	15.0	44.0
16	BLUEJAY"S" CM-5287-J-1Y-2M-1Y-1M-0Y	2	MEX/CIMMYT	3391.9	76.3	85.1	135.3	4.6	6.7	19.1	19.5	76.0	10.0	11.3	34.0	43.6	50.7	31.4	20.0	56.0
17	BLUEJAY"S" CM-5287-J-1Y-2M-1Y-4M-0Y-501Y-0B	2	MEX/CIMMYT	3500.5	76.3	84.9	135.3	4.3	1.7	19.6	20.2	74.9	10.0	11.3	33.0	40.1	52.0	31.4	20.0	44.0
18	BLUEJAY"S" CM-5287-A-1Y-2M-1Y-4M-0Y-501Y-0B	2	MEX/CIMMYT	3173.0	75.0	84.0	135.4	3.2	1.7	16.1	18.7	73.6	12.5	17.5	33.4	50.9	52.4	29.2	25.0	56.0
19	BLUEJAY"S" CM-5287-A-1Y-2M-1Y-4M-0Y-501Y-2B-0Y	2	MEX/CIMMYT	3512.0	76.0	85.0	135.7	2.9	1.7	24.2	21.0	76.7	19.2	21.0	33.0	40.1	53.7	27.4	5.0	67.0

* Data refer size and color: (1) being large, (2) medium and (3) small; R = Red, and B = White.

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.WT	POWD %	SEPT TRIT	SEPT NODO	BYDV	BEAR
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
20	ANZA*WW15		MEX/CALIF	3399.3	75.9	92.0	141.1	12.2	3.3	38.7	26.4	75.1	24.2	11.0	32.0	49.1	47.0	32.0	5.0	56.0
21	BLUEJAY"S" CM-5287-J-1Y-2M-1Y-1M-0Y-(1-144B	2B	MEX/CIMMYT	3596.3	76.8	85.6	135.0	4.2	3.3	25.5	24.0	77.0	14.2	17.0	33.0	43.3	51.5	29.2	10.0	56.0
22	BLUEJAY"S" CM-5287-J-1Y-2M-2Y-3M-0Y-(1-117B	2B	MEX/CIMMYT	3487.4	76.8	85.7	135.0	3.3	3.8	19.3	22.9	76.5	21.7	15.0	39.4	47.6	47.3	25.2	15.0	56.0
23	PAVON76	2B	MEX/CIMMYT	3610.7	80.0	89.0	139.5	7.7	6.7	5.7	9.5	81.1	35.0	13.0	30.4	50.6	45.7	27.6	20.0	44.0
24	PAVON"S" CM-8399-D-4M-2Y-2M-3Y-1M-0Y	2B	MEX/CIMMYT	3340.9	80.3	95.5	142.1	6.0	1.7	4.2	18.0	84.2	36.7	21.3	24.0	45.3	41.3	25.6	25.0	56.0
25	PAVON"S" CM-8399-D-4M-3Y-0M	2B	MEX/CIMMYT	3456.1	80.0	90.2	140.9	6.4	1.7	4.0	18.1	82.7	20.0	22.0	26.0	47.7	44.0	25.0	25.0	56.0
26	PAVON"S" CM-8399-D-4M-3Y-0M-0BK	2B	MEX/CIMMYT	3250.0	80.0	90.0	141.2	5.5	13.3	6.2	8.1	82.0	16.7	32.0	29.0	48.6	42.3	25.4	30.0	33.0
27	PAVON"S" CM-8399-D-4M-3Y-0M-0BK-1PTI-0M	2B	MEX/CIMMYT	3628.3	82.1	94.2	142.5	7.2	13.3	4.5	8.3	84.1	24.2	25.0	28.0	40.9	41.0	31.2	20.0	56.0
28	PAVON"S" CM-8399-D-4M-3Y-1M-0Y	2B	MEX/CIMMYT	3299.5	80.3	91.7	141.5	5.3	13.3	6.2	9.6	81.9	9.2	24.0	27.0	46.4	40.0	28.2	15.0	56.0
29	PAVON"S" CM-8399-D-4M-3Y-1M-0Y-(1-17B)	2B	MEX/CIMMYT	3654.6	81.2	95.7	142.7	6.1	6.7	6.0	7.6	83.4	16.7	27.0	27.0	44.3	39.3	25.0	25.0	56.0
30	PAVON"S" CM-8399-D-4M-3Y-1M-0Y-(1-6B)	2B	MEX/CIMMYT	3579.3	81.2	95.0	143.2	8.0	6.7	4.9	8.5	85.9	20.0	29.0	23.3	46.3	41.7	20.0	30.0	44.0
31	PAVON"S" CM-8399-D-4M-3Y-1M-0Y-(1-26B)	2*	MEX/CIMMYT	3780.6	81.7	91.2	139.9	6.6	13.3	3.7	5.3	83.9	23.3	24.0	31.0	53.3	44.2	30.0	35.0	67.0
32	PAVON"S" CM-8399-D-4M-3Y-1M-1Y-0M	1	MEX/CIMMYT	3437.6	79.2	98.2	139.5	7.1	13.3	3.9	4.6	83.2	30.0	22.0	31.4	55.1	45.7	20.0	50.0	56.0
33	PAVON"S" CM-8399-D-4M-3Y-1M-1Y-0M-(1-169B	2*B	MEX/CIMMYT	3618.8	81.2	90.4	140.0	6.6	13.3	5.6	4.7	84.0	30.0	21.0	31.4	50.4	46.0	20.0	25.0	56.0
34	PAVON"S" CM-8399-D-4M-3Y-1M-0Y-(1-23B)	2B	MEX/CIMMYT	3410.1	80.0	91.2	141.3	6.7	20.0	4.4	5.0	85.0	10.3	22.0	31.0	47.1	44.4	25.4	35.0	56.0
35	PAVON"S" CM-8399-D-4M-3Y-3M-0Y	2B	MEX/CIMMYT	3394.1	82.1	95.0	142.5	7.4	26.7	4.9	6.6	84.6	29.2	23.0	28.0	44.4	43.2	25.4	35.0	56.0
36	PAVON"S" CM-8399-D-4M-3Y-3M-1Y-0M	2B	MEX/CIMMYT	3427.7	82.1	94.7	142.5	8.0	33.3	7.2	10.4	83.7	31.7	25.0	25.0	47.7	43.7	29.0	45.0	44.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GMAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STHP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT MODO	BYDV	BLUM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
37	BB-NOR67 X CNO*S*-7C CM-1586-50WM-500Y-500B-0Y	2B	MEX/CIMMYT	2784.8	75.3	89.5	136.7	3.7	3.3	2.9	6.8	78.6	27.5	23.8	32.4	34.4	60.5	28.8	60.0	33.0
38	JAR-CNO X CFW-CWO/SR78 CM-1733-9M-1Y-1M-1Y-0M	2	MEX/CIMMYT	2843.3	77.7	89.7	139.7	1.4	6.7	7.6	13.1	75.6	39.2	27.0	27.0	44.1	46.0	29.6	55.0	67.0
39	COMO*S* CM-4756-12Y-1M-3Y-3M-0Y	2	MEX/CIMMYT	3295.1	77.7	92.7	141.4	6.0	6.7	12.4	12.7	80.6	33.3	22.5	38.0	43.4	45.0	29.2	35.0	67.0
40	JUPATLCO73		MEX/CIMMYT	3283.5	80.0	86.7	138.1	36.7	29.5	19.0	28.1	80.7	30.0	18.0	22.3	45.6	45.3	30.0	30.0	44.0
41	COMO *S* CM-4756-12Y-1M-1Y-0M	2	MEX/CIMMYT	3236.9	75.9	90.2	138.7	10.2	1.7	13.4	8.6	81.4	40.0	11.3	33.5	46.9	47.0	36.0	40.0	56.0
42	COMO *S* CM-4756-12Y-1M-1Y-0M	2	MEX/CIMMYT	3354.5	73.5	90.1	140.0	6.1	1.7	9.7	8.0	81.0	39.2	24.0	33.4	44.1	40.9	36.0	55.0	56.0
43	COMO *S* CM-4756-12Y-1M-3Y-0M	2	MEX/CIMMYT	3385.7	75.4	91.4	140.4	3.1	1.7	8.3	8.9	81.3	37.5	13.0	26.0	46.0	49.3	38.0	40.0	67.0
44	COMO *S* CM-4756-12Y-1M-1Y-1M-0Y	2	MEX/CIMMYT	3365.0	73.2	90.7	138.5	7.2	1.7	9.5	9.5	79.1	37.5	12.5	28.0	40.0	46.7	41.2	50.0	56.0
45	GTO-7C X BB-CWO CM-5278-B-4Y-1M-2Y-3M-1Y-0M	2*	MEX/CIMMYT	3067.2	79.9	90.6	140.4	5.3	3.3	11.9	9.2	82.5	25.0	25.0	42.0	38.4	42.2	25.2	45.0	56.0
46	VANERM *S* CM-5375-F-1Y-1M-1Y-0M	2B	MEX/CIMMYT	3171.7	76.8	95.5	142.6	15.9	37.5	9.5	17.5	75.4	24.2	12.5	31.3	34.9	40.2	38.2	30.0	44.0
47	VANERM *S* CM-5375-F-1Y-1M-1Y-1M-0Y	2B	MEX/CIMMYT	3116.5	74.1	95.4	142.2	17.2	37.5	8.6	18.8	79.2	26.7	15.0	28.0	35.1	48.7	33.8	25.0	44.0
48	VANERM *S* CM-5375-F-1Y-1M-3Y-1M-0Y	2B	MEX/CIMMYT	3128.3	78.6	95.7	142.4	16.4	40.0	7.7	18.3	77.3	14.2	10.0	28.7	38.1	50.0	33.6	30.0	56.0
49	VANERM *S* CM-5375-F-1Y-1M-3Y-4M-0Y	2B	MEX/CIMMYT	3233.8	72.3	95.8	141.5	16.3	17.5	5.0	15.6	76.7	12.5	23.0	24.3	35.1	54.4	33.6	45.0	70.0
50	ROM-CRA X BB-NOR67 CM-5484-F-5Y-4M-3Y-3M-1Y-0M	2B	MEX/CIMMYT	3089.2	79.1	89.3	140.2	3.9	3.3	8.0	6.5	82.0	24.2	21.0	39.0	32.1	49.3	31.0	45.0	70.0
51	BROCHIS*S* CM-5872-C-1Y-1M-3Y-0M	2B	MEX/CIMMYT	3370.7	73.4	89.3	138.4	3.1	3.3	11.4	4.7	81.6	26.7	20.0	21.3	36.6	51.4	29.4	50.0	100.0
52	BROCHIS*S* CM-5872-C-1Y-1M-1Y-1M-0Y	2B	MEX/CIMMYT	3258.5	71.4	90.6	139.2	4.0	3.3	6.7	5.3	79.9	27.5	17.5	26.0	42.7	52.9	36.0	45.0	56.0
53	BROCHIS*S* CM-5872-C-1Y-1M-1Y-4M-0Y	2	MEX/CIMMYT	3130.2	78.5	90.0	140.2	4.5	3.3	5.9	4.1	78.7	27.5	13.0	22.8	45.6	50.5	29.6	60.0	44.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	BELM
			NOBS:	(46)	(2)	(62)	(45)	(26)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
54	BROCHIS*S*(B) CM-5872-C-1Y-5M-1Y-2M-0Y	2SEG	MEX/CIMMYT	2983.4	71.6	90.4	139.4	4.6	1.7	10.3	4.7	80.2	28.3	12.5	19.0	42.0	51.9	34.0	55.0	67.0
55	BROCHIS*S*(B) CM-5872-C-1Y-5M-1Y-2M-0Y	2B	MEX/CIMMYT	3968.0	72.7	90.0	139.6	3.0	1.7	10.6	3.3	82.1	34.2	10.0	42.0	35.4	50.7	31.0	60.0	56.0
56	BROCHIS*S*(B) CM-5872-C-1Y-5M-1Y-3M-0Y	2B	MEX/CIMMYT	2990.0	71.5	89.9	137.9	5.0	1.7	6.2	2.6	80.1	21.7	6.3	26.0	37.4	53.4	31.0	30.0	56.0
57	BROCHIS*S* CM-5872-C-1Y-5M-1Y-3M-0Y-1PTI-0Y	2B	MEX/CIMMYT	2834.5	68.7	90.9	138.9	4.1	1.7	6.7	2.3	88.1	11.7	5.0	25.0	32.0	47.0	29.6	50.0	67.5
58	BROCHIS*S* CM-5872-C-1Y-5M-1Y-3M-0Y-3PTI-0Y	2	MEX/CIMMYT	2970.3	72.3	90.4	139.9	3.2	1.7	8.2	3.4	80.0	16.7	5.0	27.0	26.6	51.0	29.6	45.0	56.0
59	BROCHIS*S* CM-5872-C-1Y-5M-2Y-1M-0Y	2B	MEX/CIMMYT	2927.5	70.9	87.5	139.4	4.7	3.3	12.1	7.4	79.1	25.8	17.0	26.4	42.3	52.5	29.6	45.0	44.0
60	SIETE CERROS 66		MEX/CIMMYT	3197.7	70.1	89.1	137.3	25.0	31.3	39.0	21.5	81.2	22.5	21.0	34.1	34.9	53.9	33.4	50.0	56.0
61	BROCHIS*S* CM-5872-C-1Y-5M-2Y-2M-0Y	2B	MEX/CIMMYT	3125.1	72.4	89.2	139.4	6.3	3.3	12.0	3.7	80.4	24.2	5.0	25.3	30.0	51.7	34.6	60.0	56.0
62	BB X TGW-9156 CM-7723-500M-500Y-0M-501M-0Y	2	MEX/CIMMYT	2730.2	75.4	93.7	143.2	4.4	12.5	3.7	7.9	79.7	4.2	33.0	26.4	53.9	46.1	36.0	45.0	70.0
63	MONCHO*S* CM-8288-A-3M-2Y-4M-0Y-(1-368)	2B	MEX/CIMMYT	3074.0	79.9	93.3	142.0	7.7	3.3	5.3	21.1	82.7	9.2	18.0	29.4	52.3	43.7	36.2	50.0	44.0
64	MONCHO*S* CM-8233-A-3M-5Y-4M-0Y-2PTI-0Y	2B	MEX/CIMMYT	3135.7	76.3	92.1	141.5	7.4	3.3	4.6	21.7	82.2	14.2	8.0	28.4	48.0	42.2	36.2	45.0	67.0
65	MONCHO*S* CM-8288-A-3M-5Y-4M-0Y-3PTI-0Y	2B	MEX/CIMMYT	2889.9	70.1	93.3	141.7	7.7	3.3	4.6	21.3	82.2	8.3	8.0	26.0	51.0	31.4	32.4	40.0	56.0
66	MONCHO*S* CM-8288-A-3M-5Y-5M-1Y-0M	2B	MEX/CIMMYT	3216.1	79.0	91.1	141.2	8.2	3.3	7.1	20.0	83.2	9.2	13.0	38.0	51.3	40.2	37.0	35.0	67.0
67	ERU*S* CM-8327-C-9M-1Y-0M	2	MEX/CIMMYT	3346.6	77.2	88.7	137.7	2.6	2.5	6.1	10.2	77.9	40.0	10.5	39.0	45.4	43.2	33.0	35.0	22.0
68	ERU*S* CM-8327-C-9M-1Y-1M-1Y-0M	2	MEX/CIMMYT	3117.0	78.3	88.4	137.7	1.9	1.7	8.7	12.3	78.0	38.3	10.0	46.0	40.0	50.4	32.4	40.0	56.0
69	ERU*S* CM-8327-C-9M-1Y-2M-2Y-1M-0Y	2	MEX/CIMMYT	3426.3	-----	89.0	137.4	2.7	3.0	7.1	11.4	79.4	45.0	12.5	39.0	40.1	47.3	32.4	50.0	44.0
70	ERU*S* CM-8327-C-9M-1Y-5M-1Y-0M	2	MEX/CIMMYT	3317.7	76.0	88.0	137.7	2.1	1.7	6.5	11.1	79.0	31.7	14.3	37.4	40.1	50.4	29.4	40.0	56.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STMP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTH %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	MELM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(20)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
71	EMU*S* CM-8327-C-9M-4Y-3M-0Y	2	MEX/CIMMYT	3139.4	76.3	88.5	137.9	2.5	1.7	8.8	8.8	76.7	31.7	15.0	38.0	35.4	48.3	40.6	45.0	44.0
72	EMU*S* CM-8327-C-9M-4Y-8M-0Y	2R	MEX/CIMMYT	3145.8	75.9	89.4	138.6	1.5	1.7	7.3	6.7	77.0	28.8	11.3	28.0	36.1	51.8	33.8	35.0	56.0
73	GRIZABA*S*-7C/CMO-CHR X FLR-N066 CM-9627-R-1M-2Y-5M-2Y-0M	2	MEX/CIMMYT	3102.8	75.4	93.0	141.7	13.9	1.7	5.9	5.6	85.3	6.7	25.0	27.0	47.3	41.7	28.8	68.0	56.0
74	BOLSENA *S* CM-9625-G-1M-4Y-1M-4Y-1M-0Y	2B	MEX/CIMMYT	3067.1	71.0	88.0	137.5	14.2	30.0	9.5	7.9	79.6	13.3	21.3	29.4	32.4	56.4	38.0	68.6	67.0
75	OSPREY*S* CM-8701-A-1M-2Y-1M-3Y-0M		MEX/CIMMYT	3121.1	75.4	88.0	138.5	16.0	15.0	23.8	18.9	75.3	4.2	17.0	29.0	44.7	55.3	40.2	38.0	56.0
76	OSPREY*S* CM-8701-A-1M-2Y-3Y-0M	2B	MEX/CIMMYT	3038.5	76.3	87.9	138.0	16.2	17.5	.28.7	16.5	75.0	2.0	18.0	28.4	-39.3	56.4	35.0	58.0	56.0
77	MORX*S* CM-9874-X-1M-1Y-0M-(1-113Y)	2	MEX/CIMMYT	3224.0	76.3	91.1	140.0	17.4	16.3	9.3	20.2	79.6	4.0	16.3	27.0	47.7	47.7	38.0	68.0	[illegible]
78	MORX*S* CM-9874-X-1M-1Y-0M-(1-356Y)-(1-2339)	2	MEX/CIMMYT	3287.7	-----	90.3	138.9	17.0	18.0	7.4	26.3	80.5	13.3	16.3	27.4	45.4	51.0	36.2	45.0	56.0
79	MORX*S* CM-8874-X-1M-1Y-1M-1Y-0M	2	MEX/CIMMYT	3289.2	78.6	96.3	142.0	9.0	8.0	6.9	18.3	86.1	18.3	15.0	-----	35.1	40.6	33.0	58.0	44.0
80	NACOZARI76		MEX/CIMMYT	3560.2	79.0	84.9	136.3	6.3	1.7	17.8	22.8	76.9	21.7	8.0	32.0	36.3	44.7	31.4	60.0	56.0
81	NORP*S* CM-8874-X-1M-1Y-1M-2Y-0M	2	MEX/CIMMYT	3014.2	-----	90.6	138.4	16.5	15.0	9.9	23.4	76.8	38.0	7.5	25.3	39.3	44.3	36.4	40.0	33.0
82	FLICKER*S* CM-8954-B-7M-1Y-1M-0Y	2B	MEX/CIMMYT	3530.7	74.4	92.9	140.0	22.0	7.5	14.4	5.3	78.1	17.5	11.3	23.0	47.9	51.2	33.0	45.0	67.0
83	FLICKER*S* CM-8954-B-7M-1Y-1M-0Y-(1-35B)	2B	MEX/CIMMYT	3530.5	72.0	93.0	141.1	21.1	7.5	16.9	4.4	79.6	27.5	7.5	24.5	52.0	48.0	36.0	40.0	44.0
84	FLICKER*S* CM-8954-B-7M-1Y-1M-0Y-(1-21B)	2B	MEX/CIMMYT	3518.4	74.1	93.9	140.4	22.2	7.5	15.0	2.2	79.9	30.0	15.0	23.0	52.0	50.3	31.4	50.0	67.0
85	FLICKER*S* CM-8954-B-7M-1Y-1M-1Y-0M	2B	MEX/CIMMYT	3336.0	73.0	93.0	140.6	21.6	3.3	14.4	1.7	78.0	25.0	16.3	25.0	50.1	46.7	35.0	50.0	33.0
86	FLICKER*S* CM-8954-B-7M-1Y-1M-1Y-0M-2PTZ-0Y	3B	MEX/CIMMYT	3307.7	74.1	93.0	140.2	15.3	6.7	9.2	2.1	78.5	14.2	20.0	26.4	48.3	54.5	40.0	60.0	56.0
87	CMO-7C X CMO-INIA/SX CM-8943-F-1M-2Y-1M-2Y-0M	2	MEX/CIMMYT	3296.5	75.0	93.5	142.1	10.0	6.7	7.6	12.9	84.4	28.3	31.0	30.0	35.0	49.1	42.0	70.0	56.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.N	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	WLM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
88	CNO-7C X CNO-INIA/SX CM-8943-F-1M-2Y-3M-2Y-1M-0Y	2	MEX/CIMMYT	3276.3	76.8	98.8	138.4	15.5	6.7	4.8	7.3	83.1	28.8	26.4	33.5	43.1	52.3	35.0	45.0	56.0
89	CHIROCA*5* CM-8963-A-1M-1Y-1M-3Y-0M	2B*	MEX/CIMMYT	3367.9	79.8	87.8	137.6	11.3	6.7	3.4	16.3	86.8	18.8	14.8	26.8	35.0	46.9	33.6	50.0	44.0
90	CHIROCA*5* CM-8963-A-1M-1Y-1M-5Y-6M-0Y	2B	MEX/CIMMYT	3328.3	-----	87.1	138.0	9.7	3.3	3.3	7.2	85.1	11.7	17.5	25.3	31.4	48.1	48.0	68.0	67.0
91	NIPICON *5* CM-8972-F-6M-1Y-2M-1Y-3M-0Y	2	MEX/CIMMYT	2789.9	77.7	94.6	143.4	11.0	6.3	5.4	11.7	89.5	32.5	35.0	29.8	28.4	45.7	41.0	65.0	70.0
92	NIPICON *5* CM-6972-F-9M-1M-1Y-0M-(1-500)	2	MEX/CIMMYT	3113.2	82.1	92.4	142.7	10.1	6.3	6.0	14.5	85.6	23.3	31.0	32.4	31.6	43.6	43.0	50.0	70.0
93	BB-KAL CM-9160-11M-5Y-6M-0Y	2B	MEX/CIMMYT	3451.0	72.7	100.1	147.1	5.1	3.0	7.6	11.6	86.2	23.3	22.0	-----	32.0	40.2	38.0	60.0	67.0
94	BB-KAL CM-9160-11M-5Y-5M-2Y-0M	2B	MEX/CIMMYT	2973.5	78.6	90.2	146.1	3.2	3.0	6.6	12.6	81.3	18.3	14.0	15.0	29.1	41.7	41.0	60.0	56.0
95	SOLSORT *5* CM-12712-1Y-1M-6Y-1M-1Y-0M	2B	MEX/CIMMYT	3582.6	75.9	94.1	143.1	12.4	1.7	4.2	40.2	83.0	26.7	7.5	28.8	36.7	61.3	38.2	50.0	100.0
96	SOLSORT *5* CM-12712-1Y-1M-7Y-1M-0Y	1B	MEX/CIMMYT	3697.6	78.6	92.6	142.7	11.2	1.7	5.4	34.5	87.5	31.7	17.0	31.0	33.4	39.2	40.0	70.0	89.0
97	BB-SKA X COL CM-10744-16Y-1M-1Y-4M-0Y	2B	MEX/CIMMYT	2888.7	74.5	97.9	146.0	4.5	1.7	19.0	4.1	76.9	16.7	7.5	21.0	14.7	44.7	39.0	45.0	100.0
98	ALONDRA*5* CM-11583-1Y-1M-1Y-13M-1Y-500Y-0M	2B	MEX/CIMMYT	3527.2	73.6	91.2	139.8	4.9	1.7	8.6	9.9	83.0	14.2	25.0	31.0	41.9	42.6	36.0	50.0	70.0
99	(CNO-N966/SON64-XL.REND X BB)CMO*8*-GALLO X INIA-7AB CM-12333-K-2Y-1M-2Y-1M-1Y-0Y-1PTX-0Y	2	MEX/CIMMYT	2974.1	-----	92.8	142.9	4.5	2.0	4.7	7.5	84.4	24.2	21.3	33.0	42.0	47.6	40.4	40.0	89.0
100	PAVON76		MEX/CIMMYT	3698.7	81.2	89.0	139.2	8.4	1.7	3.7	11.5	82.6	21.0	28.0	38.0	42.4	52.9	38.0	50.0	67.0
101	PV13A-CNO67 X KAL-BB CM-14979-35Y-1M-3Y-0Y	2B	MEX/CIMMYT	3126.0	79.0	85.2	135.7	10.3	17.5	2.7	16.0	84.2	11.7	21.0	28.4	32.7	51.0	36.0	55.0	56.0
102	CGM X KAL-BB CM-15133-1M-2Y-2M-1Y-0Y	1B	MEX/CIMMYT	3183.7	76.5	87.5	137.4	5.1	1.7	5.0	11.9	86.6	10.0	21.0	30.4	28.7	49.9	36.4	50.0	67.0
103	CGM X KAL-BB CM-15133-1M-3Y-6M-0Y	2B*	MEX/CIMMYT	3841.7	78.3	87.9	137.2	3.1	1.7	6.9	9.3	85.1	18.3	25.0	31.3	28.6	51.4	32.0	45.0	67.0
104	CGM X KAL-BB CM-15133-15Y-1M-1Y-0Y	1	MEX/CIMMYT	3458.0	77.7	91.5	148.4	13.0	13.3	7.0	15.9	95.2	15.0	15.0	33.0	22.7	52.8	33.6	50.0	78.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	BELM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(38)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
105	CV"S" X KAL-BB CM-15433-45Y-5M-1Y-8Y-HY		MEX/CIMMYT	3138.1	77.7	85.8	135.7	6.1	1.7	5.1	7.3	82.6	27.5	28.8	34.6	34.1	52.3	31.4	50.0	67.0
106	GV "S" X KAL-BB CM-15433-45Y-5M-1Y-9Y-0Y		MEX/CIMMYT	2863.6	74.9	84.1	135.5	5.6	8.0	10.4	12.1	78.3	33.3	22.5	38.8	37.9	54.0	29.2	60.0	67.0
107	GV "S" X KAL-BB CM-15433-45Y-5M-1Y-10Y-0Y		MEX/CIMMYT	3062.8	75.6	84.9	136.3	6.7	1.7	6.8	7.6	88.6	48.8	13.7	29.8	40.8	44.2	29.2	35.0	0.0
108	GV "S" X KAL-BB CM-15433-45Y-5M-1Y-12Y-0Y		MEX/CIMMYT	2993.1	75.3	84.7	135.9	4.7	1.7	9.2	13.6	81.3	28.3	21.3	32.8	37.1	48.4	23.8	45.0	67.0
109	ANZA		MEX/CALIF	3209.4	-----	92.7	142.5	12.3	6.8	28.6	32.1	74.9	33.3	18.8	24.2	41.1	42.3	29.2	25.0	56.0
110	GV "S" X KAL-BB CM-15433-45Y-5M-3Y-8Y-1Y-0B	2B	MEX/CIMMYT	2941.9	76.0	87.7	137.2	4.6	3.3	11.1	17.8	82.8	19.2	20.8	29.3	41.7	52.9	38.8	45.0	56.0
111	PATO-OM X MAYA"S" CM-16216-41M-1Y-10M-1Y-1Y-0M	2	MEX/CIMMYT	3293.8	73.6	92.9	143.9	3.8	1.7	4.4	21.7	88.7	36.7	16.3	34.6	39.9	41.7	31.8	45.0	67.0
112	HERMOSILLO77 CM-28668-D-4Y-4M-1Y-0Y	2	MEX/CIMMYT	3812.1	78.6	86.4	137.8	9.2	1.7	9.3	12.1	76.1	32.5	28.0	35.4	48.9	55.9	37.2	60.0	67.0
113	(PTS/TOB-CFN X BB)BB X HD832.5.5-OM CM-28769-A-8Y-1M-2Y-5Y-1Y-0M	2B	MEX/CIMMYT	2771.3	77.2	91.6	148.1	13.9	1.7	6.4	9.3	78.3	28.3	35.8	29.8	51.3	50.7	37.0	70.0	56.0
114	COQ-KAL X PATO(R)-THB69 CM-21118-F-3Y-10M-2Y-8Y-1Y-0M	2B*	MEX/CIMMYT	2782.5	-----	92.0	139.6	13.8	1.7	11.4	13.8	81.3	24.5	35.0	37.0	36.6	48.2	48.4	70.0	67.0
115	COQ-KAL X PATO(R)-THB69 CM-21118-F-3Y-10M-2Y-8Y-4Y-0M	2B*	MEX/CIMMYT	3085.8	76.4	92.8	148.0	13.3	1.7	12.2	15.6	82.8	26.5	35.8	35.8	35.6	51.9	33.6	60.0	67.0
116	TIPP(2)-ANE X INIA/CNO-JAR X EYE CM-21335-C-9Y-1M-1Y-1Y-1Y-0B	2	MEX/CIMMYT	3118.8	77.9	88.9	139.3	2.3	1.7	3.9	11.4	75.6	18.3	16.3	29.8	33.8	43.3	36.4	60.0	89.0
117	KAL-BB[BB-CNO[(LR64/SOW X SKE-AB) CNO)] CM-21607-5A-3Y-1Y-1Y-0M	2B	MEX/CIMMYT	2957.3	-----	89.5	136.7	11.6	3.3	3.4	18.5	81.3	34.5	12.0	25.0	46.6	48.7	32.8	50.0	67.0
118	PVIBA-CNO67 X BOW CM-21670-8M-1Y-3M-500Y-0M	2	MEX/CIMMYT	3128.9	88.3	88.4	139.3	13.7	13.3	2.9	12.3	78.8	35.8	26.3	35.5	51.4	47.3	35.0	50.0	56.0
119	PVIBA-CNO67 X CMA82 CM-21674-6M-3Y-1Y-1Y-0M	2	MEX/CIMMYT	3350.5	79.0	88.7	138.6	18.8	26.7	6.2	17.7	83.3	32.5	46.0	26.0	28.8	51.2	31.8	75.0	67.0
120	TAMORI71		MEX/CIMMYT	2575.2	76.8	81.7	134.9	31.8	26.7	21.1	14.3	76.5	28.7	28.8	31.8	43.4	57.4	39.6	50.0	57.0
121	PVIBA-CNO67 X BB[PAS] CM-21689-1M-1Y-1Y-0Y	8	MEX/CIMMYT	3066.2	76.4	84.3	136.2	18.8	33.3	4.6	12.2	75.8	15.8	34.8	33.5	36.3	53.8	36.8	30.0	78.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.N	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	HELM
			NOBS:	(56)	(2)	(62)	(45)	(26)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
122	MAYA"S"-AZ67 CM-21832-17M-4Y-1Y-3Y-0B	2B	MEX/CIMMYT	2986.5	78.1	88.4	137.8	18.4	3.3	3.8	7.1	85.3	40.8	8.8	26.8	45.1	43.2	37.6	40.0	67.0
123	YSAE-F4L(3) X CAL CM-21243-4M-4Y-2Y-1Y-0M	2B	MEX/CIMMYT	3179.5	79.9	89.5	138.6	5.8	3.3	4.5	9.9	87.8	46.7	23.8	25.8	31.4	53.2	38.4	40.0	78.0
124	YDING "S"-BCN CM-22100-4M-1Y-1Y-1Y-0M	2	MEX/CIMMYT	3241.7	77.9	87.3	138.3	6.3	1.7	8.8	7.7	81.3	42.5	14.0	26.8	41.9	56.9	34.4	35.0	78.0
125	ZA75 X P362-CAL CM-22559-1M-1Y-8Y-0Y	2	MEX/CIMMYT	3138.8	73.2	91.9	141.1	16.2	15.0	2.9	13.7	83.7	31.7	28.8	22.3	38.9	53.4	36.2	60.0	89.0
126	ZA75 X P362-CAL CM-22559-1M-4Y-4Y-0Y	2	MEX/CIMMYT	3097.2	74.1	95.9	140.2	9.3	18.0	2.6	16.7	82.8	29.2	28.0	26.4	32.0	43.3	38.0	45.0	100.0
127	ZA75 X P362-CAL CM-22559-1M-8Y-1Y-0Y	2	MEX/CIMMYT	3101.9	77.2	96.0	140.9	7.5	8.8	3.0	21.0	83.7	25.8	12.0	24.0	28.6	39.6	29.0	30.0	67.0
128	TECOLOTE/EN-TH X NAR59(2) CM-23392-1M-2Y-1Y-1Y-0M	2B	MEX/CIMMYT	2734.3	73.5	94.6	139.2	3.4	1.7	18.3	18.2	86.0	25.8	22.5	35.4	35.7	39.1	34.2	35.0	67.0
129	TECOLOTE/EN-TH X NAR592 CM-23892-1M-2Y-1Y-3Y-0M	2B	MEX/CIMMYT	2767.9	72.7	96.2	140.0	4.1	1.7	11.2	17.9	86.1	24.5	21.3	37.4	33.6	33.7	23.6	55.0	67.0
130	TECOLOTE/EN-TH X NAR59(2) CM-23392-1M-3Y-2Y-1Y-0M	2B	MEX/CIMMYT	2981.1	73.6	89.9	135.7	3.5	1.7	18.4	21.0	87.0	25.0	15.0	39.9	44.3	44.0	32.4	40.0	89.0
131	TECOLOTE/EN-TH X NAR59(2) CM-23278-1M-1Y-5Y-1Y-0M	2B	MEX/CIMMYT	2743.2	73.8	90.3	136.1	1.9	1.7	6.1	9.4	84.7	24.2	17.5	41.8	28.1	44.6	38.2	35.0	33.0
132	TLILA(FR-KAD X GB/FR-KAD X GB)) CM-23291-1M-1Y-0M	2B	MEX/CIMMYT	3045.0	72.4	89.1	136.0	5.7	1.7	8.5	20.0	83.3	9.5	13.0	33.0	31.3	45.2	29.0	45.0	67.0
133	TLILA(FR-KAD X GW/FR-KAD X GB)) CM-23291-1M-2Y-0Y	2B	MEX/CIMMYT	3000.0	-----	85.6	136.1	6.5	1.7	4.5	21.1	77.2	18.3	20.0	34.0	31.1	47.7	34.0	40.0	67.0
134	F5[illegible]-F4L(3)/FR-TH X NAR59(2) CM-23189-3BJ-0Y	2	MEX/CIMMYT	2924.1	76.0	85.9	136.9	5.6	3.3	5.0	16.6	81.3	36.7	32.0	27.0	24.0	48.3	38.4	35.0	56.0
135	TCB X CC-PAJO/PAJA"S" CM-23574-4M-1Y-1Y-3Y-0M	2	MEX/CIMMYT	3078.6	76.1	91.5	138.0	8.3	1.7	5.3	10.6	84.0	28.7	23.0	25.3	28.7	46.1	27.6	50.0	56.0
136	F319-E LE CM X BCM[(CMO-CMA X OM/ MO832(EM-CBS)] CM-24235-F-1M-1Y-1Y-1Y-0M	2B	MEX/CIMMYT	2618.7	-----	95.0	140.5	7.5	1.7	2.4	4.5	81.1	29.0	13.0	25.0	27.4	45.5	33.6	40.0	56.0
137	GRAJO "S" X BB-INIA CM-25655-14Y-3Y-1Y-0M	2	MEX/CIMMYT	3031.9	75.9	87.6	137.0	7.1	1.7	7.9	19.9	84.0	33.3	16.0	34.0	40.7	44.6	32.6	35.0	56.0
138	GRAJO "S" X BB-INIA CM-25655-14Y-3Y-3Y-0M	2	MEX/CIMMYT	2917.0	75.9	87.9	135.7	5.7	1.7	5.0	14.7	85.2	38.3	12.5	36.0	32.9	43.7	19.4	30.0	67.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	WEEM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
139	ZZ*S*-BCN CM-25738-84Y-3Y-1Y-0M	2	MEX/CIMMYT	3485.0	76.1	88.9	137.8	5.2	3.3	7.6	13.0	81.1	28.0	13.7	33.0	26.7	42.6	33.6	50.0	56.0
140	JUPA(ECO73)		MEX/CIMMYT	3110.4	79.0	86.7	136.2	42.0	30.0	17.3	24.4	80.1	15.0	13.0	29.0	37.6	47.0	31.5	-----	56.0
141	(FKN(FR X KAD-GB)(2))BB-CMA CM-25988-8Y-3Y-1Y-0M	2	MEX/CIMMYT	3022.3	76.6	98.4	138.1	8.7	1.7	2.0	18.1	73.1	23.3	8.0	21.3	36.0	48.3	35.0	20.0	56.0
142	YDING "S" X BB-CMA CM-25995-1Y-2Y-0Y	2B*	MEX/CIMMYT	3216.7	75.0	98.5	138.9	6.9	1.7	14.6	16.0	75.0	25.0	8.0	33.5	35.0	46.1	31.6	35.0	44.0
143	ORIOLE "S" CM-26118-G-4Y-4Y-0M	2	MEX/CIMMYT	2376.4	-----	98.0	138.5	3.7	1.7	6.4	8.4	87.2	38.3	17.5	21.3	21.9	51.9	38.2	55.0	78.0
144	ORIOLE "S" CM-26118-G-5Y-1Y-0M	2	MEX/CIMMYT	2683.1	-----	98.0	137.9	3.5	1.7	9.9	9.7	87.0	15.0	15.0	27.0	23.0	51.7	40.6	50.0	44.0
145	ORIOLE "S" CM-26118-G-12Y-15Y-0M	2	MEX/CIMMYT	2473.3	-----	89.4	138.0	2.5	1.7	7.0	5.1	86.7	16.7	26.3	38.0	18.0	51.9	38.4	45.0	78.0
146	ORIOLE "S" CM-26119-R-6Y-1Y-0M	2	MEX/CIMMYT	2557.0	-----	89.9	138.1	3.1	1.7	6.2	8.1	86.0	18.7	27.5	40.6	15.3	49.0	36.0	60.0	67.0
147	AU X KAL-33/TOB CM-26233-G-1Y-1Y-2Y-0M		MEX/CIMMYT	2755.5	73.6	92.5	138.0	10.6	3.0	9.3	5.2	82.6	51.2	10.0	18.0	30.0	46.1	35.0	40.0	56.0
148	[(FAK F4 F11)/TOB-CFN X BB)B.MAN-CM X CALI"A/A"S" CM-26346-B-18Y-1M-1Y-0B	2B	MEX/CIMMYT	2965.1	75.4	92.4	139.2	3.4	1.7	4.0	11.4	84.5	38.3	19.0	37.3	22.0	36.9	31.4	60.0	67.0
149	PVIEN-CNG67 X WE[3X(NGR67/CMO-CHR X ON)] CM-26587-D-14Y-1M-1Y-0B	2	MEX/CIMMYT	3248.4	77.7	89.4	136.8	10.1	26.7	3.0	24.1	84.7	17.5	22.6	31.0	26.7	51.5	40.4	15.0	56.0
150	PVIPA-CNG67 X WE[3X(NGR67/CMO-CHR X ON)] CM-26587-D-14Y-1M-3Y-0B	2	MEX/CIMMYT	3154.2	79.0	90.0	136.6	13.0	17.5	2.7	19.3	83.7	38.3	25.0	32.0	27.7	50.4	34.0	45.0	56.0
151	[P(A"S"/TOB-B.MAN X BR)SOM X SKE-LP(A"S"/CM"S" CM-26793-D-3Y-1Y-2Y-0M	2	MEX/CIMMYT	3355.5	77.7	91.5	138.5	4.7	1.7	[illegible]	11.0	86.2	20.0	20.0	23.0	25.5	49.2	28.0	40.0	67.0
152	INIA"S"-CN X INIA-BB/JUP73 CM-28235-1Y-1Y-0M	2B	MEX/CIMMYT	3551.4	75.9	91.7	139.4	14.7	6.7	8.2	16.7	81.0	15.0	18.0	27.3	45.3	41.5	28.0	45.0	56.0
153	INIA"S"-ON X INIA-BB/JUP73 CM-28235-2Y-5Y-0M	2B	MEX/CIMMYT	2868.5	77.7	94.4	140.2	6.5	3.3	5.4	12.6	77.5	17.5	8.0	28.0	49.4	48.7	29.2	50.0	78.0
154	INIA"S"-ON X INIA-BB/JUP73 CM-28235-2Y-6Y-0M	2B	MEX/CIMMYT	3072.5	-----	91.4	139.0	6.5	3.3	2.1	14.3	75.9	26.2	0.0	22.3	51.7	42.6	29.2	50.0	67.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT MODO	BYDV	BELA
			NOBS:	(66)	(2)	(62)	(45)	(2)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
155	CNO"S"-GALLO X SPARROW"S" CM-29217-1M-3Y-0M		MEX/CIMMYT	3866.4	75.9	89.9	139.9	8.4	6.7	9.2	16.9	80.1	26.5	11.3	16.0	31.4	42.4	29.4	60.0	67.0
156	MAYA"S"/GALLO AUNTI161.157 X CMO-M066 CM-29229-16Y-2Y-0M	2B	MEX/CIMMYT	2818.9	73.6	85.7	135.7	3.4	6.7	6.1	16.9	81.7	28.7	25.0	22.3	25.6	50.9	29.2	45.0	78.0
157	MAYA"S"-MONCHO"S" CM-29251-1Y-1Y-0M	2B	MEX/CIMMYT	2932.0	75.7	85.0	135.3	5.1	3.3	2.2	13.3	80.0	15.0	21.0	30.6	27.7	54.7	36.2	45.0	44.0
158	MAYA"S"-PALOM"S" CM-29256-11Y-6Y-0M	2B	MEX/CIMMYT	3207.7	79.0	86.1	135.1	6.6	13.3	1.9	10.9	80.0	10.0	29.0	30.5	46.7	52.3	47.0	50.0	33.0
159	BB-GALLO X PCI"S" CM-29338-4Y-1Y-0M	2B*	MEX/CIMMYT	2882.3	75.1	84.7	133.9	4.5	3.3	10.5	16.2	72.6	26.7	10.0	20.0	34.7	40.6	33.0	50.0	33.0
160	ANZA		MEX/CALIF	3448.0	75.9	92.5	130.9	11.4	23.5	32.1	29.0	76.2	22.5	20.5	23.0	47.4	40.6	33.0	55.0	33.0
161	CMO-7C X SON/GRAJO"S" CM-29533-7Y-1Y-0M		MEX/CIMMYT	2965.2	76.0	93.5	137.6	2.9	1.7	7.9	12.2	80.1	33.7	32.0	26.0	44.7	51.4	30.2	50.0	56.0
162	BB X CMO"S"-M066/GRAJO"S" CM-29535-5Y-1Y-0M	2	MEX/CIMMYT	3166.5	79.9	90.3	139.7	7.7	22.5	5.0	12.7	80.9	39.2	16.3	27.4	33.0	46.7	25.4	45.0	56.0
163	CRIZABA "S" X CAL-LU CM-29626-11Y-5Y-0M	2	MEX/CIMMYT	2812.2	77.2	95.5	142.6	3.6	13.3	4.9	15.2	72.7	18.3	12.5	29.6	42.3	40.0	23.4	50.0	56.0
164	(CMO"S"-TJB"S"/SON-KL.REND X BB)PCI" CM-29674-1Y-1Y-0M	2B	MEX/CIMMYT	3290.0	76.3	86.0	136.5	12.1	23.3	7.0	12.4	79.1	23.0	19.0	33.0	32.9	53.2	34.6	60.0	44.0
165	TP X CMO-M066/BB-CMO(TP X CMO-INIA"S /CMO-INIA"S"(2)) CM-29930-9Y-2Y-0M	2	MEX/CIMMYT	2618.7	75.0	100.3	142.0	4.0	13.3	3.0	13.0	67.7	8.3	26.0	27.0	59.3	42.1	34.0	50.0	89.0
166	TUCAN"S"-MONCHO"S" CM-30225-8Y-1Y-0B	2	MEX/CIMMYT	3086.0	79.0	91.7	137.4	4.3	33.0	8.1	24.7	77.6	21.7	17.0	24.3	27.6	42.6	20.0	50.0	33.0
167	INIA "S" - 7C X TDING "S" CM-30124-1M-1Y-0M		MEX/CIMMYT	3192.9	79.9	94.9	141.7	1.4	1.7	2.7	9.9	86.7	32.5	21.3	20.0	32.9	38.5	29.2	50.0	67.0
168	INIA "S" - 7C X TDING "B" CM-30124-1M-5Y-0M	2B	MEX/CIMMYT	3054.5	79.0	92.0	140.5	6.1	3.3	3.9	16.3	87.3	22.0	21.3	30.4	35.3	38.6	31.0	50.0	56.0
169	TITHOUSE CM-30136-3Y-1Y-0M	2	MEX/CIMMYT	3364.6	79.0	87.1	135.2	4.9	1.7	11.2	20.4	74.6	11.7	21.0	30.0	38.3	40.7	31.4	40.0	56.0
170	TITHOUSE CM-30136-4Y-1Y-0M	2	MEX/CIMMYT	3034.5	76.0	86.6	135.1	2.3	1.7	15.1	24.1	70.1	13.7	13.7	33.5	41.1	50.7	31.4	45.0	44.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	HELM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(26)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
171	TITMOUSE CM-30136-10Y-1Y-0M	2	MEX/CIMMYT	3131.5	78.6	87.2	135.3	2.3	1.7	14.4	22.8	82.2	38.0	42.0	33.5	32.0	49.8	38.2	60.0	56.0
172	SISKIN*S*-PAVON*S* CM-32637-2M-11Y-0M	2*	MEX/CIMMYT	2962.2	-----	87.3	136.6	8.4	3.3	4.8	11.6	81.8	26.7	30.0	28.4	38.8	41.3	31.6	50.0	56.0
173	SISKIN*S*-PAVON*S* CM-32637-2M-14Y-0M	2SEG	MEX/CIMMYT	3182.2	78.1	89.9	138.0	5.5	5.0	4.0	18.2	83.5	26.7	39.0	30.0	39.2	41.0	36.2	45.0	33.0
174	KVZ-GV X TITO*S* CM-30917-A-9Y-1Y-0M	2B	MEX/CIMMYT	3078.9	71.3	95.7	148.1	3.6	8.3	6.0	4.1	83.3	22.0	48.0	25.0	24.4	46.0	35.0	35.0	44.0
175	PHOFBE CM-32831-D-4Y-2M-1Y-0M	2	MEX/CIMMYT	2467.4	74.5	94.8	139.5	2.1	8.0	3.4	10.4	62.0	8.3	28.0	32.4	26.1	51.7	32.4	45.0	56.0
176	AU-TCB X SAKA CM-30815-R-7Y-1M-3Y-0M	2	MEX/CIMMYT	2961.8	78.3	92.2	138.3	15.8	15.0	18.7	27.6	77.4	18.3	20.0	28.8	29.7	44.9	31.6	48.0	56.0
177	AU-TCB X SAKA CM-30815-R-7Y-1M-2Y-0M	2	MEX/CIMMYT	3081.3	80.3	92.2	138.4	18.0	15.0	9.4	28.6	78.5	14.2	25.0	24.8	29.1	45.8	33.6	58.0	33.0
178	CNO*S*-P362 X CM-1168.147/88-GALLO CM-31826-Q-1Y-1M-5Y-0M	2	MEX/CIMMYT	2666.2	-----	89.7	137.7	4.1	3.0	8.0	29.1	78.5	15.8	41.0	19.0	34.6	45.3	23.4	45.0	67.0
179	CNO*S*-P362 X CM-1168.147/88-GALLO CM-31225-Q-1Y-2M-1Y-0M	2	MEX/CIMMYT	2617.7	75.6	88.7	137.4	3.0	2.5	2.7	28.8	78.7	39.2	44.0	27.0	41.0	48.3	19.2	58.0	33.0
180	KARPOS		MEX/CIMMYT	2742.8	75.4	98.5	135.4	34.0	35.0	47.0	31.4	79.2	34.5	32.0	27.8	28.6	68.7	32.0	50.0	56.0
181	[[(PD/N-F117A X FR-KAD/GB)FR-KAD X [illegible] X MAYA74*S* CM-31650-M-5Y-2M-1Y-0M	2	MEX/CIMMYT	3027.0	79.4	94.7	140.0	9.3	3.0	5.6	24.5	85.4	38.0	12.5	31.4	33.7	46.6	26.2	35.0	44.0
182	[[(PD/N-F117A X FR-KAD/GB)FR-KAD X [illegible] X MAYA74*S* CM-31268-M-5Y-2M-2Y-0M		MEX/CIMMYT	3084.5	75.5	86.1	135.7	4.4	3.0	4.9	22.7	87.3	44.2	12.5	27.4	28.0	45.5	17.4	36.0	56.0
183	[[(PD/N-F117A X FR-KAD/GB)FR-KAD X [illegible] X MAYA74*S* CM-31268-M-5Y-2M-6Y-0M	2B	MEX/CIMMYT	3151.0	75.5	87.6	136.2	2.6	6.3	6.9	21.1	89.0	40.0	16.3	33.0	33.1	46.4	25.6	45.0	56.0
184	[[(PD/N-F117A X FR-KAD/GB)FR-KAD X [illegible]PC1*S* CM-31078-S-3Y-7Y-0M	2B	MEX/CIMMYT	2869.3	68.7	89.6	137.0	4.7	1.7	12.5	27.0	79.6	45.0	18.0	23.3	46.9	45.7	19.4	39.0	56.0
185	[[(PD/N-F117A X FR-KAD/GB)FR-KAD X [illegible]PC1*S* CM-31078-Y-1Y-1M-2Y-0B	2B	MEX/CIMMYT	2983.4	78.4	85.9	133.4	18.6	2.5	6.4	19.6	76.1	46.7	11.5	38.4	36.6	47.9	35.0	38.0	56.0
186	[[(PD/N-F117A X FR-KAD/GB)FR-KAD X [illegible]PC1*S* CM-31078-Y-1Y-2M-1Y-0B	2	MEX/CIMMYT	3489.7	66.9	88.9	135.0	11.7	3.0	5.0	19.2	79.4	51.7	8.0	38.0	34.6	48.3	29.6	15.0	67.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	HELM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
187	[[(MD/N-K117A X FR-KAD/GB)FR-KAD X GB(CHA12)]PCI"S" CM-31078-Y-1Y-2M-2Y-0M	2	MEX/CIMMYT	3286.9	69.1	86.8	134.6	13.7	2.5	4.3	28.1	77.8	41.7	12.5	49.5	35.7	51.4	27.6	50.0	56.0
188	[[(MD/N-K117A X FR-KAD/GB)FR-KAD X GB(CHA12)]PCI"S" CM-31278-Y-1Y-3M-2Y-0M	2B	MEX/CIMMYT	3458.2	72.3	89.1	135.4	13.2	3.0	5.0	21.9	85.0	43.3	12.0	26.3	37.7	45.4	31.0	35.0	56.2
189	[[(SONORA X CIT ANL.MY54-N108)AN"S"-ELIFA-CAL]SIXIN"S"-7C CM-31273-C-1Y-1Y-0M	2	MEX/CIMMYT	3152.9	74.0	86.3	135.6	4.3	1.7	11.0	21.1	84.7	19.2	21.0	33.5	46.3	44.9	31.0	25.0	67.0
190	[[(SONORA X GPE-ANE/MY54-N108)AN"S"-ELIFA-CAL]SIXIN"S"-7C CM-31259-C-1Y-3Y-0M	2	MEX/CIMMYT	3163.2	76.8	88.6	137.1	3.3	1.7	12.7	19.2	84.5	19.5	25.0	22.3	48.3	48.3	29.0	40.0	44.0
191	AZ67-CH-CI/JAKIS X PB-INIA CM-31233-M-3Y-6M-2Y-0M	2B	MEX/CIMMYT	3391.9	75.0	91.1	136.6	7.7	1.7	5.7	12.7	89.6	40.0	21.3	33.4	17.9	45.9	23.4	30.0	56.0
192	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31638-G-4Y-1M-1Y-0M		MEX/CIMMYT	3516.7	75.4	85.9	135.4	7.3	6.7	3.1	12.5	84.6	8.7	28.0	24.0	35.9	49.0	23.4	50.0	44.0
193	YECORA70		MEX/CIMMYT	2271.4	75.0	85.9	134.4	18.0	6.7	19.5	14.0	63.6	12.5	24.0	25.6	39.9	48.7	33.4	48.0	56.0
194	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31638-G-4Y-2M-1Y-0M		MEX/CIMMYT	3154.3	77.7	87.1	135.8	8.3	6.7	4.0	14.5	82.9	5.2	37.0	31.0	38.9	49.7	32.0	50.0	67.0
195	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31638-M-3Y-1M-1Y-0M	1B	MEX/CIMMYT	2877.6	-----	86.6	133.9	4.0	5.0	18.3	11.3	64.4	18.3	23.0	24.3	41.6	58.6	25.0	45.0	56.0
196	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31638-M-3Y-1M-2Y-0M	2B	MEX/CIMMYT	2973.7	75.0	87.2	134.4	4.0	3.3	12.3	10.9	64.0	7.5	25.0	29.6	43.9	53.0	27.4	45.0	56.0
197	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31638-M-3Y-1M-4Y-0M	2B*	MEX/CIMMYT	2940.7	75.0	87.6	135.0	3.5	5.0	8.7	11.2	65.5	10.0	25.0	30.0	32.7	54.7	33.8	55.0	44.0
198	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31638-M-3Y-1M-6Y-0M	2B*	MEX/CIMMYT	3186.2	76.0	87.9	135.0	3.0	3.3	10.9	11.2	66.3	7.5	21.3	26.4	38.6	52.9	[illegible]	45.0	56.0
199	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31638-M-3Y-1M-7Y-0M	2B	MEX/CIMMYT	2861.9	75.4	88.9	135.0	5.6	3.3	12.3	12.7	68.0	7.0	16.0	30.0	36.3	52.7	29.6	35.0	56.0
200	MACOZAR176		MEX/CIMMYT	3739.4	79.0	86.9	134.6	13.0	3.0	18.5	23.0	76.1	13.0	22.5	25.6	52.6	48.9	20.0	35.0	56.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	MELA
			NOBS:	(66)	(2)	(62)	(45)	(26)	(6)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
201	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31638-H-3Y-1M-10Y-0M	2B	MEX/CIMMYT	2936.2	-----	88.9	138.2	4.1	3.8	14.7	14.5	67.6	7.5	21.0	36.0	45.0	48.7	33.0	40.0	67.0
202	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31638-H-3Y-1M-500Y-0M	2B	MEX/CIMMYT	3214.2	75.4	88.6	137.0	4.9	3.0	13.9	14.2	65.5	7.5	20.0	36.6	45.9	48.0	27.6	30.0	56.0
203	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31638-I-1Y-2M-4Y-0M	2B	MEX/CIMMYT	2886.9	74.1	87.2	137.4	3.4	1.7	7.6	11.0	65.0	7.5	11.0	30.5	44.4	47.5	35.2	50.0	44.0
204	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31638-I-1Y-2M-5Y-0M	2B*	MEX/CIMMYT	2875.6	-----	87.2	136.1	4.2	1.7	7.4	11.7	65.4	12.5	16.3	34.0	48.6	51.2	32.4	35.0	56.0
205	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31638 I-6Y-1M-1Y-0B		MEX/CIMMYT	3828.9	75.2	86.7	136.5	4.8	1.7	11.4	9.9	87.0	10.5	39.0	31.0	45.6	46.3	29.0	40.0	56.0
206	MAYA"S"-B2%(FP-MCM(2) X KT(3)-Y50/ MAYA"S") CM-31639-U-9Y-1Y-0M	2	MEX/CIMMYT	2768.5	76.8	84.6	135.2	2.1	1.7	10.6	11.0	75.5	30.0	22.5	28.0	45.0	46.7	31.2	25.0	56.0
207	ZZ"S"-MAYA"S" X ZP"S"-MAYA"S" CM-31659-A-2Y-4Y-0M	2B	MEX/CIMMYT	3363.6	78.1	91.1	140.9	2.5	1.7	10.4	10.2	83.3	7.5	22.5	27.0	42.7	39.1	39.0	50.0	89.0
208	ZZ"S"-MAYA"S" X ZP"S"-MAYA"S" CM-31659-A-2Y-7Y-0M	2B	MEX/CIMMYT	3350.2	79.9	93.1	142.6	2.4	1.7	11.5	10.2	81.0	22.0	17.5	20.0	43.9	43.6	31.4	40.0	70.0
209	ZZ"S"-MAYA"S" X ZP"S"-MAYA"S" CM-31659-G-1Y-14Y-0M	2B	MEX/CIMMYT	3110.2	78.6	89.0	141.4	2.0	1.7	9.5	13.4	83.1	26.2	25.0	22.3	36.6	40.2	36.0	45.0	89.0
210	ZZ"S"/[illegible] X CNO"S"-NO(6)CDL-A267 CM-31655-J-7Y-2M-1Y-0M	2	MEX/CIMMYT	2828.7	74.0	85.4	137.6	4.7	1.7	9.2	5.0	77.1	5.0	21.5	20.0	47.0	57.3	46.4	50.0	56.0
211	[illegible] CM-31678-R-4Y-1M-5Y-0B	2	MEX/CIMMYT	3164.6	78.6	86.7	137.4	12.4	1.7	7.7	9.6	76.6	10.0	19.0	37.0	40.9	57.0	28.0	40.0	56.0
212	BUCK[illegible]"S" CM-31678-R-4Y-2M-1Y-0M	2	MEX/CIMMYT	3114.9	78.1	89.9	139.5	2.1	1.7	5.7	12.3	75.1	7.5	17.0	32.0	48.7	48.8	36.2	45.0	56.0
213	BUC[illegible]"S" CM-31678-R-4Y-2M-15Y-0M	2	MEX/CIMMYT	3262.5	79.0	88.5	140.6	2.0	1.7	12.5	21.6	77.5	15.5	29.0	32.0	58.1	54.4	37.0	50.0	56.0
214	BUCKBUCK"S" CM-31678-R-4Y-2M-21Y-0M	2	MEX/CIMMYT	3343.6	79.9	89.0	139.9	2.1	1.7	7.4	25.0	77.4	5.0	30.0	35.4	44.7	54.0	36.0	45.0	56.0
215	BUCKBUCK"S" CM-31678-R-4Y-2M-25Y-0M	2SEC	MEX/CIMMYT	3244.7	79.4	90.7	139.9	2.2	1.7	7.6	23.7	77.6	13.0	20.0	34.4	49.0	46.3	31.6	50.0	56.0

Table 2. Continuation

VCT NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP HT.L	STRP HT.H	LEAF RUST	STEM RUST	PLNT .T	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT MODO	BYDV	BELM
			MODS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
216	BUCKBUCK*5* CM-31673-R-4Y-4M-1Y-0M	2B	MEX/CIMMYT	3895.4	77.7	87.5	137.1	9.6	6.3	5.8	21.7	75.0	22.0	17.0	35.4	58.0	51.7	39.2	50.0	56.0
217	BUCKBUCK*5* CM-31678-R-4Y-4M-13Y-0M	2SEG	MEX/CIMMYT	3834.2	76.0	86.7	134.5	9.8	5.0	6.6	21.3	78.7	27.0	13.7	35.6	57.3	52.3	36.2	50.0	56.0
218	BUCKBUCK*5* CM-31679-R-4Y-4M-13Y-0B	2SEG	MEX/CIMMYT	3353.2	78.1	89.2	139.2	13.9	13.7	5.5	28.4	78.5	28.0	12.5	32.0	55.4	50.6	38.2	45.0	56.0
219	BUCKBUCK*5* CM-31678-R-1Y-4M-14Y-0B	2SEG	MEX/CIMMYT	3003.7	-----	87.1	139.6	8.0	8.0	6.7	20.6	80.0	20.5	21.6	39.0	55.6	50.0	36.0	45.0	56.0
220	PAVON76		MEX/CIMMYT	3508.5	82.6	90.1	140.0	9.9	1.7	4.0	9.6	83.3	21.5	35.0	29.0	51.9	47.3	36.0	35.0	56.0
221	BUCKBUCK*5* CM-31678-R-1Y-5M-18Y-0B	2B	MEX/CIMMYT	3169.3	77.7	86.0	137.9	14.4	12.5	4.7	15.1	84.7	8.3	26.0	29.0	53.4	50.4	36.0	45.0	56.0
222	PV[illegible]67 X [illegible]*5* CM-32151-3M-1Y-3M	2*	MEX/CIMMYT	3185.6	79.4	85.0	134.0	11.6	20.0	4.3	23.0	79.1	22.0	33.0	26.0	38.9	50.0	33.0	40.0	33.0
223	[illegible]-GALLO X MONCAMAYO*5* CM-32135-3M-4Y-0M		MEX/CIMMYT	2341.1	72.3	86.6	136.6	6.2	3.3	5.6	12.2	78.5	38.7	45.0	21.0	41.1	52.0	35.6	45.0	56.0
224	[illegible] X [illegible]/GOLILLO*5* CM-32151-M-1M-0Y-0M		MEX/CIMMYT	3283.6	75.9	91.2	139.9	18.1	3.0	6.6	20.2	85.1	29.0	27.5	23.0	64.0	45.3	37.0	40.0	67.0
225	BANAMAJUIT*5* CM-32556-3M-5M3Y-0M	2	MEX/CIMMYT	2668.9	-----	87.0	139.4	17.1	3.3	8.7	7.6	65.3	14.7	12.5	19.0	61.6	52.6	33.0	50.0	56.0
226	VEERY *5* CM-33827-F-1M-5Y-0M	2	MEX/CIMMYT	3430.0	74.5	98.3	144.5	2.6	1.7	8.0	6.0	80.2	6.7	11.0	25.3	43.3	35.6	31.6	45.0	100.0
227	VEERY *5* CM-33827-F-1M-11Y-0M	2	MEX/CIMMYT	3554.0	71.9	94.0	142.0	2.9	3.3	7.5	7.0	78.9	29.2	18.0	36.0	43.1	41.5	36.0	45.0	78.0
228	VEERY *5* CM-33827-F-3M-1Y-0M	2	MEX/CIMMYT	2620.2	78.3	88.1	135.6	3.2	1.7	9.3	5.0	56.0	6.2	16.3	31.6	47.7	54.7	39.0	60.0	56.0
229	VEERY *5* CM-33827-F-4M-3Y-0M	2	MEX/CIMMYT	3608.4	78.[illegible]	90.3	138.0	6.9	3.3	5.5	22.4	76.3	16.7	17.0	29.0	40.3	44.5	36.0	50.0	56.0
230	VEERY *5* CM-33827-F-4M-5Y-0M	2	MEX/CIMMYT	3420.6	76.3	89.1	138.4	9.5	6.7	6.0	11.3	78.9	18.5	26.0	20.0	47.9	39.1	29.4	50.0	56.0
231	VEERY *5* CM-33827-F-4M-8Y-0M	2	MEX/CIMMYT	3628.1	76.0	90.9	138.9	7.0	3.3	9.7	16.4	79.2	13.7	21.0	30.0	43.6	41.2	36.0	45.0	67.0
232	VEERY *5* CM-33827-[illegible]M-1Y-0M	2B	MEX/CIMMYT	3044.6	75.9	82.0	134.2	8.2	1.7	5.6	5.5	78.1	22.5	21.0	27.5	36.7	55.5	36.0	40.0	56.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.M	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	MELM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
233	VEFRY "S" CM-33027-F-15M-5B0Y-0M	2B	MEX/CIMMYT	3291.1	73.6	98.6	139.5	2.7	1.7	6.2	2.3	88.3	19.2	25.0	26.8	18.1	47.7	32.4	38.0	78.0
234	(RVZ/TCG-CFN X BB)BCLILLO"S" CM-33026 A-4M-5Y-0M		MEX/CIMMYT	2943.7	-----	94.1	143.3	2.1	1.7	2.5	11.3	87.1	24.5	27.0	32.0	41.9	37.4	27.6	25.0	67.0
235	(M105-P14 X 181-6539/KAL-BB)MONCHO"S" CM-33045-A-1M-4Y-0M	2B	MEX/CIMMYT	2939.1	74.5	91.3	139.6	15.2	6.7	3.3	21.4	81.5	19.0	20.0	31.0	56.4	39.9	27.6	5.0	44.0
236	RVZ-TI71/MAYA"S" X BB-INIA CM-33069-A-2M-1Y-0M	2	MEX/CIMMYT	2882.3	-----	98.4	140.3	4.6	1.7	11.0	26.0	84.0	33.3	11.0	27.0	53.7	47.3	38.4	45.0	67.0
237	RVZ-TI71/MAYA"S" X BB-INIA CM-33069-F-2M-3Y-0M	2	MEX/CIMMYT	3346.1	78.0	94.0	141.6	1.3	1.7	18.0	7.7	87.5	32.5	12.0	37.0	33.1	48.0	31.4	38.0	78.0
238	RVZ-TI71/MAYA"S" X BB-INIA CM-33069-A-3M-9Y-3M	2	MEX/CIMMYT	3491.1	76.0	91.0	141.1	7.1	2.5	18.3	12.4	83.2	27.2	13.0	29.0	38.7	46.4	36.2	45.0	56.0
239	RVZ-TI71/MAYA"S" X BB-INIA CM-33069-M-3M-11Y-0M	2	MEX/CIMMYT	2997.8	74.5	94.0	142.6	2.3	1.7	4.4	2.3	81.4	24.2	20.0	38.0	38.0	49.9	31.6	50.0	67.0
240	TABORI71		MEX/CIMMYT	2932.7	78.1	84.0	134.4	28.9	6.7	21.6	18.9	77.1	13.3	22.5	25.0	58.6	56.4	48.0	38.0	56.0
241	RVZ-TI71 X TITO"S" CM-33097-C-3M-3Y-0M	2SEG	MEX/CIMMYT	3349.6	75.8	97.7	144.4	9.7	3.3	18.3	5.9	86.7	6.7	18.0	26.5	43.4	46.3	44.2	68.0	78.0
242	RVZ-TI71 X TITO"S" CM-33097-G-1M-6Y-0M	2	MEX/CIMMYT	3317.9	76.0	94.6	141.4	6.3	1.7	13.9	4.6	81.3	8.3	20.0	27.6	27.6	45.6	33.8	45.0	78.0
243	RVZ-TI71 X TITO"S" CM-33098-J-6M-4Y-0M	2	MEX/CIMMYT	3223.6	77.7	100.8	144.1	9.7	3.0	5.9	11.9	84.1	16.7	22.5	26.0	19.3	42.6	39.0	58.0	67.0
244	RVZ-TI71 X TITO"S" CM-33098-N-1M-6Y-0M	2B	MEX/CIMMYT	3354.9	78.1	100.7	144.2	4.0	1.7	1.4	7.4	78.0	12.5	10.0	23.3	45.9	38.7	36.0	58.0	100.0
245	RVZ-TI71 X TITO"S" CM-33098-T-1M-3Y-0M	2B*	MEX/CIMMYT	3454.5	73.6	94.3	140.9	2.7	3.3	3.9	2.6	76.1	6.0	27.5	34.4	35.0	49.6	36.0	40.0	56.0
246	RVZ-TI71 X TITO"S" CM-33098-T-1M-4Y-0M	2B	MEX/CIMMYT	3462.7	78.4	93.7	141.9	3.3	1.7	2.4	1.2	77.6	6.0	21.3	32.0	33.6	45.1	36.2	40.0	78.0
247	PIPIT "S" CM-33155-A-4M-4Y-0M	3	MEX/CIMMYT	2852.9	72.7	98.4	144.7	12.0	33.3	11.2	21.7	69.2	8.3	21.3	24.0	51.7	49.3	33.6	45.0	78.0
248	PIPIT "S" CM-33155-C-3M-5Y-0M	2B	MEX/CIMMYT	2471.2	-----	90.1	138.6	13.7	33.3	12.1	14.7	64.0	12.7	26.3	38.1	48.0	55.0	33.0	48.0	56.0
249	PIPIT "S" CM-33155-G-5M-1Y-0M	2	MEX/CIMMYT	2762.6	72.3	89.0	138.5	3.5	8.0	18.0	9.7	66.2	29.7	27.0	28.3	45.7	54.5	35.0	35.0	67.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POND %	SEPT TRIT	SEPT NODO	BYDV	HELM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
250	FMH-JARES X Y55J/ALONDRA*S* CM-33159-J-1M-8Y-0M	2	MEX/CIMMYT	2967.1	71.4	87.4	141.1	3.1	0.0	2.5	5.7	71.2	7.0	17.0	30.4	31.6	58.7	36.6	35.0	100.0
251	AU X FAL-RR/BON CM-33202-B-3M-1Y-0M		MEX/CIMMYT	3220.9	77.2	89.7	138.3	12.0	33.3	4.3	6.6	78.9	25.0	14.0	23.5	27.6	55.9	36.0	----	56.0
252	AU X FAL-RR/BON CM-33202-E-1M-2Y-0M	2	MEX/CIMMYT	3283.2	80.3	96.1	140.4	2.2	0.0	1.0	1.1	79.3	10.3	17.5	25.6	39.0	52.6	33.0	40.0	70.0
253	BCBWHITE *S* CM-33203-G-9M-4Y-0M	2B	MEX/CIMMYT	3044.9	76.0	97.6	144.6	2.0	0.0	1.5	1.0	76.7	13.3	31.3	31.4	21.0	46.0	36.0	40.0	100.0
254	BCBWHITE *S* CM-33203-G-9M-5Y-0M	2B	MEX/CIMMYT	3095.2	75.0	97.2	144.4	3.2	0.0	3.1	1.0	79.2	11.7	33.8	30.4	25.3	40.7	31.6	50.0	89.0
255	BCBWHITE *S* CM-33203-H-4M-1Y-0M	2	MEX/CIMMYT	3262.2	77.2	86.1	136.4	4.0	0.0	1.5	2.4	72.3	11.3	31.3	32.0	49.0	51.7	33.0	50.0	56.0
256	BCBWHITE *S* CM-33203-H-8M-1Y-0M	2	MEX/CIMMYT	3242.2	70.3	87.3	137.4	4.0	0.0	2.5	3.6	75.6	12.0	35.0	32.0	48.6	46.7	34.2	40.0	56.0
257	BCBWHITE *S* CM-33203-H-1M-2Y-0M	2	MEX/CIMMYT	3438.4	80.0	93.9	141.0	2.3	0.0	3.1	1.5	79.6	4.0	28.0	30.4	25.7	33.4	37.0	45.0	67.0
258	BCBWHITE *S* CM-33203-J-16M-1Y-0M	2	MEX/CIMMYT	3213.4	79.0	88.2	137.5	4.3	0.0	3.4	0.1	77.4	24.5	31.0	31.0	36.0	52.2	31.6	40.0	56.0
259	BCBWHITE *S* CM-33203-K-8M-1Y-0M	2B	MEX/CIMMYT	3122.3	77.3	89.2	138.3	1.9	0.0	2.7	4.7	76.9	22.3	28.0	37.4	40.4	43.1	38.0	40.0	56.0
260	JUPATECO73		MEX/CIMMYT	3017.4	80.0	87.0	138.7	35.9	45.5	21.1	19.0	79.0	19.2	17.5	29.4	37.2	47.3	35.6	40.0	67.0
261	BCBWHITE *S* CM-33203-K-9M-24Y-0M	2B	MEX/CIMMYT	2958.2	79.9	90.6	140.0	1.2	0.0	2.0	2.0	79.5	21.5	27.0	22.3	24.1	45.6	36.6	40.0	67.0
262	BCBWHITE *S* CM-33203-P-3M-1Y-0M	2	MEX/CIMMYT	3387.3	81.2	94.4	143.4	3.0	0.0	1.7	3.5	82.5	29.7	33.0	32.0	42.1	46.1	32.0	50.0	78.0
263	BCBWHITE *S* CM-33203-P-4M-3Y-0M	2	MEX/CIMMYT	3044.9	79.0	98.7	144.5	3.0	0.0	3.0	13.2	83.5	17.0	20.0	26.0	36.1	41.6	38.2	40.0	78.0
264	BCBWHITE *S* CM-33203-S-1M-1Y-0M	2	MEX/CIMMYT	3433.5	78.6	96.5	143.1	5.5	0.0	10.1	24.1	83.0	15.0	12.5	32.0	38.1	39.2	27.6	60.0	67.0
265	T171-TOB X ALONDRA*S* CM-33217-B-1M-1Y-0M		MEX/CIMMYT	3094.2	70.9	95.1	142.4	2.5	0.0	2.9	4.0	80.1	8.2	10.4	23.0	27.9	43.5	37.0	70.0	33.0
266	T171-TOB X ALONDRA*S* CM-33217-D-2M-1Y-0M	2	MEX/CIMMYT	3434.1	74.3	89.3	139.0	17.0	0.0	9.5	8.1	77.9	7.5	7.5	27.6	25.4	49.3	38.0	45.0	56.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.WT.	POWD %	SEPT TRIT	SEPT NODO	BYDV	NECM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(20)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
267	TI71-T3B X ALONDRA"S" CM-33217-D-4M-1Y-0M	2	MEX/CIMMYT	3043.2	74.4	98.8	140.3	1.9	8.0	2.5	4.9	72.8	6.0	8.0	34.4	28.3	41.4	29.2	30.0	33.0
268	PJ62 X TOPO"S"-NAR59/BB-ROW X MAYA"S CM-33241-D-1M-0Y-0M	2B	MEX/CIMMYT	3028.2	-----	95.4	143.7	4.2	8.0	6.4	14.9	82.5	35.3	20.0	21.0	28.7	49.8	37.6	50.0	56.0
269	MAIPO - PJ62 X EMU "S" CM-33254-P-4M-1Y-0M	2	MEX/CIMMYT	3320.1	76.8	92.0	141.0	4.0	5.0	5.1	15.0	81.6	25.0	22.0	34.4	28.3	49.3	31.6	50.0	56.0
270	MAIPI - PJ62 X EMU "S" CM-33254-P-4M-2Y-0M	2	MEX/CIMMYT	3263.5	75.0	92.4	140.0	5.6	18.9	2.0	13.0	83.4	40.2	25.0	30.0	42.7	47.5	31.6	60.0	33.0
271	MAIPO - PJ62 X EMU "S" CM-33254-P-4M-4Y-0M	2	MEX/CIMMYT	3202.5	-----	94.4	142.4	4.7	1.3	4.9	5.3	85.6	35.0	25.0	27.4	28.0	51.5	36.4	45.0	56.0
272	MAIPO - PJ62 X EMU "S" CM-33254-Q-2M-2Y-0M	2	MEX/CIMMYT	3071.5	77.7	88.0	139.0	7.3	1.3	9.5	13.5	76.0	38.7	21.3	32.4	34.4	51.9	33.6	45.0	44.0
273	MAIPO - PJ62 X EMU "S" CM-33254-S-1M-3Y-0M	2	MEX/CIMMYT	2945.3	74.5	87.8	138.7	3.6	1.3	7.3	13.1	78.3	39.2	38.0	32.0	41.6	53.9	35.8	40.0	56.0
274	[(CNO"S"-N266/C273 X MP875-E.853.5.8 7C)]EAA"S" CM-33335-H-1M-4Y-0M	2SEG	MEX/CIMMYT	3817.1	72.0	93.9	141.6	3.0	1.7	4.1	16.0	85.7	26.5	22.0	29.8	27.1	40.7	38.4	75.0	56.0
275	[(CNO"S"-N266/C273 X MP875-E.853.5.8 7C)]EAA"S" CM-33435-Y-3M-6Y-0M	2B	MEX/CIMMYT	2888.7	75.9	93.4	143.1	6.6	1.7	2.0	7.5	86.5	41.5	27.0	31.0	33.4	53.8	36.0	55.0	70.0
276	MAYA"S"-SFA/ROW"S" X SAPSUCKER"S" CM-33475-L-1M-2Y-0M	2	MEX/CIMMYT	3029.6	78.1	94.2	142.0	4.4	1.7	12.2	12.6	85.5	31.0	16.3	30.0	28.0	43.6	35.8	60.0	78.0
277	MAYA"S"/C[?]"S"-PJ62 X GALLO[(BR-3BRA 4777 / REI-Y/RT)]YR] CM-33477-B-2M-6Y-0M	2B	MEX/CIMMYT	3207.7	74.5	86.9	137.6	4.6	6.7	3.9	12.6	82.0	18.3	18.0	35.4	27.3	54.6	34.6	60.0	56.0
278	JUNCO "S" CM-33483-B-2M-2Y-0M	2B	MEX/CIMMYT	3105.5	79.4	91.9	142.0	5.6	6.7	11.2	26.0	84.2	41.7	22.0	32.0	45.6	48.2	31.4	60.0	44.0
279	JUNCO "S" CM-33483-B-2M-3Y-0M	2B	MEX/CIMMYT	3190.9	80.3	93.4	142.4	6.3	1.7	9.0	11.4	85.2	42.0	21.3	28.0	43.1	48.4	29.4	40.0	56.0
280	ANZA		MEX/CALIF	3260.2	77.7	91.4	141.3	10.9	1.7	29.7	25.0	76.0	26.5	15.0	27.4	42.9	48.4	31.5	45.0	67.0
281	JUNCO "S" CM-33483-C-1M-6Y-0M	2B	MEX/CIMMYT	2950.0	-----	88.4	138.4	10.4	1.7	3.0	15.5	82.2	8.5	17.5	36.3	37.0	46.7	36.0	50.0	56.0
282	JUNCO "S" CM-33483-C-7M-1Y-0M	2B	MEX/CIMMYT	3454.2	79.0	86.8	139.3	14.7	3.0	4.0	20.5	84.1	7.3	20.0	31.0	47.0	52.3	31.6	45.0	44.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	HELM
			NOBS:	(44)	(7)	(47)	(45)	(26)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
283	JUNCO "S" CM-33483-K-2M-1Y-0M	2B	MEX/CIMMYT	2845.6	76.5	87.0	139.4	6.0	1.7	1.9	18.1	75.3	21.2	21.3	22.3	26.7	58.4	29.6	20.0	56.0
284	JUNCO "S" CM-33483-K-5M-4Y-0M	2B	MEX/CIMMYT	3334.2	78.1	91.0	141.5	8.5	3.3	11.1	18.0	80.0	18.3	28.0	27.0	32.3	47.5	34.0	55.0	67.0
285	JUNCO "S" CM-33483-M-MM-1Y-0M	2B	MEX/CIMMYT	3449.0	79.4	91.2	140.9	5.3	1.7	12.0	25.3	80.4	25.0	42.5	29.0	39.1	40.0	33.6	35.0	44.0
286	SHRIKE "S" CM-33189-A-1M-5Y-0M	2B	MEX/CIMMYT	2884.9	-----	88.4	136.0	14.0	3.3	8.3	28.1	66.4	15.3	30.0	28.5	33.7	56.5	33.0	15.0	89.0
287	SHRIKE "S" CM-33489-E-3M-1Y-0M	2B	MEX/CIMMYT	2982.3	77.2	88.6	138.2	15.3	6.3	5.1	23.0	64.1	13.3	26.3	27.5	56.9	52.0	35.0	20.0	67.0
288	SHRIKE "S" CM-33489-O-3M-4Y-0M		MEX/CIMMYT	3373.3	74.3	87.0	138.9	6.9	1.7	5.6	11.9	76.2	20.0	31.0	33.3	35.6	47.9	35.0	25.0	56.0
289	KVZ-GV"S"(RON-CHA X DB-NOR67/ERECE11) CM-33362-A-2M-530Y-0M		MEX/CIMMYT	2289.0	70.0	93.1	140.0	1.9	5.0	6.0	15.7	56.3	3.7	22.5	35.0	25.6	44.6	38.2	40.0	89.0
292	(MAYA74(EL.SEND-SON66(2) X TWIA/CMO))M.STRAMELLI-Y50 CM-34513-A-1M-501Y-0M		MEX/CIMMYT	2255.2	70.9	87.4	137.2	1.9	6.7	3.2	6.7	57.6	7.5	16.3	37.5	44.1	52.6	38.2	50.0	56.0
291	BR-GALLO X JUP73/T.AESTIVUM X KAL-BB CM-34559 D-1M-3Y-0M	2	MEX/CIMMYT	3257.6	77.7	88.9	139.0	7.0	3.3	10.4	20.0	80.1	20.3	26.0	34.6	44.9	51.1	40.0	-----	56.0
292	BR-GALLO X Y50E-KAL(3)/LFM X BD032- BB CM-34574-F-1M-14Y-0M	2B	MEX/CIMMYT	3045.7	76.0	88.0	137.0	3.3	1.7	3.0	16.3	77.7	9.0	35.0	37.0	43.6	58.0	36.2	55.0	56.0
293	BB-GALLO X (53E-KAL(3)/LFM X BD032- BB CM-34574-F-1M-2Y-0M	2B	MEX/CIMMYT	2780.2	74.1	87.9	130.0	4.0	3.3	4.1	15.3	73.1	9.2	33.0	32.0	37.6	53.1	36.0	55.0	33.0
294	GTC-7C X B3-CMO/BUMO(BLUETIT"B"/FURY X CM."S"-N966) CM-34741-C-2M-588Y-0M	2	MEX/CIMMYT	2714.6	73.2	86.7	135.5	8.1	3.3	14.0	23.6	60.6	17.0	20.0	32.0	50.1	56.7	31.4	55.0	67.0
295	TONNEE "B" CM-34789-G-16M-3Y-0M	2B	MEX/CIMMYT	3445.3	79.9	92.9	141.0	3.5	3.0	9.6	14.3	84.4	20.0	37.0	31.0	48.9	49.7	33.6	50.0	44.0
296	TONNEE "B" CM-34789-G-16M-6Y-0M	2B	MEX/CIMMYT	3238.0	77.0	94.3	141.7	3.0	1.7	9.7	11.0	85.0	20.3	25.0	32.0	46.0	51.3	36.0	45.0	67.0
297	TONNEE "B" CM-34789-G-15M-2Y-0M	2B	MEX/CIMMYT	3274.0	70.3	88.2	139.5	3.7	1.3	2.0	10.2	78.4	29.5	27.5	31.0	46.6	52.4	46.0	20.0	70.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.W	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTH %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	HYDV	HELM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(20)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(4)	(1)
298	TOWHEE "S" CM-34789-G-15M-3Y-0M	2B	MEX/CIMMYT	3361.4	76.0	89.6	139.5	1.0	1.7	5.6	14.3	81.0	25.0	30.0	33.0	47.3	44.2	33.8	48.0	89.0
299	TOWHEE "S" CM-34789-G-15M-5Y-0M	2B	MEX/CIMMYT	3238.4	72.0	88.9	139.5	4.6	3.8	3.1	22.1	88.0	24.5	35.0	27.8	42.9	52.6	39.2	45.0	56.0
300	7CERROS		MEX/CIMMYT	2838.8	76.8	98.9	138.4	36.4	40.0	41.5	33.5	79.7	27.0	29.0	19.3	41.3	61.6	34.0	50.0	33.0
301	TOWHEE "S" CM-34789-G-15M-7Y-0M	2B	MEX/CIMMYT	2880.6	79.4	96.9	144.6	5.7	1.7	6.1	16.1	78.2	9.2	29.0	42.3	44.4	43.3	34.6	60.0	33.0
302	TOWHEE "S" CM-34789-G-15M-12Y-0M	2B	MEX/CIMMYT	3125.5	79.9	88.8	141.4	3.5	6.7	4.7	18.4	78.8	9.5	46.3	34.4	43.9	49.5	34.6	60.0	89.0
303	TOWHEE "S" CM-34789-G-15M-13Y-0M	2B	MEX/CIMMYT	3282.4	77.0	87.0	138.3	5.2	1.7	4.9	21.4	78.6	9.5	32.0	22.8	42.3	55.0	31.4	48.0	56.0
304	TOWHEE "S" CM-34789-G-15M-14Y-0M	2B	MEX/CIMMYT	3202.2	79.9	87.0	138.9	2.2	3.3	3.1	16.0	78.5	9.0	48.0	38.4	49.0	51.6	35.6	45.0	78.0
305	TOWHEE "S" CM-34789-G-15M-16Y-0M	2B	MEX/CIMMYT	3168.4	79.0	88.2	139.1	2.0	6.7	6.0	21.0	79.4	10.0	40.0	31.5	47.0	51.1	33.0	45.0	44.0
306	TOWHEE "S" CM-34789-G-15M-538Y-0M	2B	MEX/CIMMYT	3337.1	80.0	87.9	138.7	4.3	6.7	4.4	24.5	80.8	8.0	37.0	35.4	44.6	54.5	38.0	50.0	67.0
307	TOWHEE "S" CM-34783-G-16M-6Y-0M	2B	MEX/CIMMYT	3540.1	79.0	85.5	137.4	10.6	3.0	7.0	29.4	82.4	29.0	31.3	44.0	51.3	58.3	37.6	50.0	44.0
308	NAD-TOR X PICHON/BLULTIT"S"-MESABI"S CM-34726-E-1M-588Y-0M	2B	MEX/CIMMYT	2892.7	-----	88.1	137.1	7.6	6.7	10.1	20.0	52.2	10.2	25.0	26.0	57.3	65.0	37.6	-----	67.0
309	PAJON"S"-CARPINTERO X CJ71-CIM CM-34724-C-1M-1Y-0M	2	MEX/CIMMYT	3590.2	78.6	96.0	142.9	7.5	1.7	10.0	19.7	89.3	34.0	26.3	32.0	51.9	47.0	35.4	-----	67.0
310	BLUEJAY"S"-GRAJO"S"(MAIPO/BB X TOB-CNJ) CM-34742-A-1M-2Y-0M	2B	MEX/CIMMYT	2913.1	-----	89.6	139.2	7.3	1.7	3.2	7.9	84.2	27.5	28.0	31.0	41.4	55.1	45.0	55.0	67.0
311	BLUEJAY"S"-GRAJO"S"(MAIPO/BB X TOB-CNJ) CM-34742-A-2M-2Y-0M	2B	MEX/CIMMYT	2860.0	73.6	85.3	136.0	5.7	1.7	4.2	7.7	77.0	16.0	32.5	24.3	43.7	57.0	30.6	55.0	56.0
312	BLUEJAY"S"-GRAJO"S"(MAIPO/BB X TOB-CBO) CM-34742-A-3M-1Y-0M	2B	MEX/CIMMYT	3112.0	76.0	94.9	140.1	1.9	1.7	4.1	7.4	80.9	17.0	21.3	27.0	40.1	60.1	42.0	45.0	67.0
313	BLUEJAY"S"-GRAJO"S"(MAIPO/BB X TOB-CBO) CM-34742-A-3M-2Y-0M	2REG	MEX/CIMMYT	3857.1	-----	90.1	137.5	5.0	1.7	2.7	0.0	80.0	13.3	26.3	26.0	43.0	57.9	44.2	45.0	56.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STHP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTH %	1000 G.W.	POWD %	SEPT TRIT	SEPT NODO	BYDV	BELM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(20)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
314	BLUEJAY"S"-GRAJO"S"(MAIPO/BB X TOB-CNO) CM-36742-E-2M-9Y-0M	2B	MEX/CIMMYT	2988.5	76.3	89.7	136.8	4.9	3.3	3.2	29.9	76.4	9.5	28.0	29.3	44.7	52.8	36.0	40.0	78.0
315	BLUEJAY"S"-GRAJO"S"(MAIPO/BB X TOB-CNO) CM-36742-F-7M-3Y-0M	2	MEX/CIMMYT	3207.7	78.1	88.4	136.3	6.2	1.7	5.4	12.8	88.9	13.8	28.0	31.8	43.1	51.8	32.0	45.0	67.0
316	TITIRISEL-MONCHO"S" CM-31481-2M-8Y-0M	2B	MEX/CIMMYT	2881.9	77.7	94.2	142.1	6.0	1.7	3.7	12.8	85.2	18.7	27.5	35.0	39.9	51.6	29.0	65.0	67.0
317	TOLUCA73/PATO(R)-CAL/7C X BB-CNO) CM-35412-1M-1Y-0M	2	MEX/CIMMYT	3596.4	78.6	88.7	136.1	9.5	2.6	4.7	9.7	83.1	23.3	27.5	36.3	37.0	52.7	35.6	50.0	67.0
318	TOLUCA73/W.RING-WE X ROM CM-35428-3M-2Y-0M	2	MEX/CIMMYT	3813.9	79.0	87.2	135.7	8.6	3.3	5.5	23.5	77.7	18.5	27.5	39.0	60.1	51.1	33.0	60.0	56.0
319	BUNTING "S" CM-35422-18M-14Y-0M	2	MEX/CIMMYT	3240.1	77.7	86.0	136.4	7.0	1.7	4.4	22.6	80.0	18.0	27.5	31.4	48.3	51.1	37.0	60.0	67.0
320	MACCZARI76		MEX/CIMMYT	3564.0	78.0	87.2	138.1	10.4	10.2	22.5	26.0	76.6	8.0	27.5	33.4	52.7	56.4	35.6	50.0	67.0
321	YDIK[illegible]-TH(3) X I44.29-TH(2)/COFM(1)SR) CM-35735-1M-7Y-0M	2B	MEX/CIMMYT	3176.7	69.1	97.0	143.4	4.5	0.0	8.5	17.7	78.0	16.3	26.3	-----	53.3	47.7	38.0	60.0	89.0
322	YRPESEL(R)-TRIFCN"S" X RSK-TORIM73 CM-36456-A-1M-1Y-0M		MEX/CIMMYT	2993.0	71.0	98.0	138.3	12.3	0.0	3.0	24.5	68.2	9.5	25.0	29.4	52.3	42.2	27.4	50.0	78.0
323	YRPESEL(R)-TRIFCN"S" X RSK-TORIM73 CM-36264-A-1M-5Y-0M	2	MEX/CIMMYT	2994.0	72.3	98.0	137.9	11.6	0.0	4.3	21.3	64.2	9.0	26.3	31.0	44.7	49.7	33.0	60.0	89.0
324	PL.P[illegible]-JUP73(PAL-BB(CMO X BB-GALLO(I67/5310-PI X LP44-I118.47) JC M) CM-36[illegible]-I-2M-581Y-0M	2	MEX/CIMMYT	3523.0	-----	97.0	143.3	11.6	0.0	5.6	17.0	78.0	6.7	25.0	24.0	38.7	45.2	33.6	50.0	100.0
325	PL.M645Y[illegible]-JUP73(PAL-BBCMO X BB-GALLO(I67/5310-PI X LP44-I118.47)CGM CM-36830-I-2M-5022-0M	2	MEX/CIMMYT	3149.6	77.7	97.2	144.3	10.3	32.5	4.7	18.1	79.3	12.2	28.0	22.0	35.6	45.6	33.0	50.0	78.0
326	EVZ X CNO-PJ62 SWM-1285-2Y-3M-1Y-0M		MEX/CIMMYT	3420.5	78.6	97.1	141.6	1.9	0.3	1.7	3.1	81.4	7.5	22.5	35.0	34.0	42.2	34.6	35.0	100.0
327	EVZ-C371 SWM-1430-4Y-3Y-0M	2	MEX/CIMMYT	3390.4	76.0	101.5	144.5	1.1	0.0	4.0	5.1	80.0	7.0	15.0	31.0	34.4	35.5	31.4	45.0	100.0
328	MILCACSS-WAD63 SWM-1676-51Y-1Y-0M	2	M.L.O.	2970.1	74.1	102.6	144.6	2.9	0.0	6.6	8.5	83.2	17.5	18.0	29.0	32.6	33.3	34.2	30.0	100.0

Table 2. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT.L	STRP RT.H	LEAF RUST	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G.W.	POND %	SEPT TRIT	SEPT MODO	BYDV	MELM
			NOBS:	(66)	(2)	(62)	(45)	(26)	(4)	(41)	(28)	(73)	(6)	(5)	(1)	(7)	(11)	(5)	(1)	(1)
329	KVZ-YRRESEL(B) SHM-1697-17Y-5M-1Y-0M	2	MEX/CIMMYT	3388.6	76.0	93.0	139.5	5.6	8.0	8.6	32.3	77.5	17.2	13.7	29.0	36.9	50.0	36.6	[illegible]	56.0
330	KAL-BB II26992-30M-1Y-1M-3Y-0M	2*	MEX/CIMMYT	2740.0	66.0	85.4	135.4	16.7	27.5	14.9	24.9	60.1	10.0	8.0	41.0	40.3	56.0	30.0	50.0	67.0
331	KAL-BB II26992-30M-1Y-1M-3Y-0M-(1-2000)	2B	MEX/CIMMYT	2924.8	-----	87.0	136.6	17.9	21.3	14.5	20.9	61.7	9.2	15.0	20.0	45.3	54.0	34.0	50.0	67.0
332	CUCKOO"S" II23424-9Y-1M-1Y-0M-(1-1610)		MEX/CIMMYT	3758.3	79.4	85.6	135.2	18.7	15.0	18.6	22.7	77.7	15.0	6.0	23.3	55.9	49.3	29.6	60.0	67.0
333	BB(SCN64-AN64 X NAD63/JAR"S") II34735-5Y-1M-3Y-0M	2*	MEX/CIMMYT	2934.7	76.0	87.6	133.0	7.0	5.0	9.4	13.5	76.3	14.7	21.0	28.0	38.4	49.7	40.0	55.0	67.0
334	ERAIMCM X FT-Y59/TCD) COLIP655-2M-500B-503Y-10-0M	2	COLOMBIA	3038.5	75.0	96.4	141.2	12.4	1.3	18.5	19.3	78.0	23.2	72.5	26.0	43.9	42.5	27.4	50.0	67.0
335	(DIM/[illegible]-N64-RG.BLND X BB)TOB"S"-0156 CC-INIA 89-10-3Y-1Y-500Y-0M	2		3721.4	75.4	95.2	140.0	14.9	20.0	11.0	1.9	83.4	14.2	25.0	34.4	51.3	37.5	31.4	40.0	67.0
336	TIR43-LR64 SE-38-15-25-0S	2		3162.6	-----	91.4	137.6	25.3	25.0	26.9	26.7	78.8	22.5	19.0	37.0	46.9	55.6	39.3	-----	56.0
337	TMIS-NA250 PR2479-13MM-0A	2	PAKISTAN	2925.9	71.4	89.5	137.4	40.9	32.5	34.3	26.4	70.1	24.2	26.3	30.4	45.6	57.9	47.0	-----	67.0
338	CAL X CN3"S"-SON64 PX84S8-1Y-2M-1Y-3M-0Y	2	PAKISTAN	2961.1	77.2	88.2	136.7	2.6	9.0	6.7	10.2	77.1	14.2	18.0	36.0	38.1	49.7	36.0	50.0	56.0
339	VS8811(FN-TM(3) X I144.29/TM(2)) M316-3P-6P-2P-1D-0Y	2		3200.2	78.6	93.2	140.1	6.0	1.3	7.5	20.8	79.3	10.5	18.0	25.3	50.3	53.0	34.6	60.0	78.0
340	PAVON76		MEX/CIMMYT	3391.6	80.3	90.6	139.2	7.2	8.0	9.1	6.9	82.6	16.5	17.0	27.3	53.6	49.7	36.6	50.0	67.0
341	[illegible](FN-TM(3) X I144.29/TM(2)) N314-3P-6P-4P-0Y	2		3436.0	73.2	95.8	140.2	7.9	1.3	10.7	23.3	83.0	30.0	21.3	24.0	50.6	47.5	29.2	60.0	67.0
342	ND7162	2B	INDIA	3679.1	78.1	91.5	140.1	10.4	1.3	7.9	10.1	80.3	21.0	13.0	24.0	31.7	54.5	21.2	50.0	67.0
343	HD2169	2B	INDIA	3873.0	-----	88.0	137.4	6.2	8.0	7.5	10.2	74.5	10.3	8.0	30.6	46.9	57.3	30.0	45.0	67.0
344	IWP85-5221-5S(2) 72L170	2B	MEX/CIMMYT	3085.9	-----	81.9	139.0	9.3	13.7	11.0	20.1	78.3	14.5	13.7	24.0	35.0	58.7	35.0	45.0	78.0
345	HUGO1 DESCONOCIDO	2B	MEX/CIMMYT	3071.0	-----	90.4	137.3	30.3	30.0	34.6	22.1	76.7	16.7	16.3	30.6	34.1	51.4	30.2	45.0	67.0
346	S948.A1-SE(5) M567.71-6Y-10-0Y	2	MEX/CIMMYT	3024.0	-----	87.2	137.3	30.3	5.0	15.4	27.7	73.9	25.5	13.7	35.4	64.0	50.7	25.6	45.0	67.0
347	S948.A1-SE(7) CMM72A.370-1B-1Y-0B	2	MEX/CIMMYT	3207.9	64.2	88.5	137.4	27.3	5.0	19.1	24.0	75.6	19.7	12.5	32.0	64.7	59.7	19.4	50.0	67.0
348	KVZ-Y171 X T190"S" CM-33090-0-1M-5Y-0M		MEX/CIMMYT	3095.0	-----	103.0	149.2	11.0	0.0	15.4	23.0	82.1	5.0	2.5	26.0	100.0	74.3	33.0	-----	56.0

Table 3. Top 10 per cent of lines by average yield—11th IBWSN

VTY NO	VARIETY OR CROSS AND PEDIGREE	GRAIN	YIELD KG/HA
332	CUCKOO"S" II28424-8Y-1M-IY-0M-(1-161B)		3758.3
200	NACOZARI 76		3739.4
335	(DIM/SON64-KL.REND X BB)TOB"S"-8156 CC-INIA 89-1B-0Y-1Y-500Y-0M	2	3721.4
31	PAVON"S" CM-8399-D-4M-3Y-1M-0Y-(1-26B)	2	3708.6
96	SOLSORT "S" CM-10712-IY-1M-7Y-1M-0Y	1B	3697.6
100	PAVON 76		3690.7
342	HD2162	2B	3679.1
29	PAVON"S" CM-8399-D-4M-3Y-1M-0Y-(1-17B)	2B	3654.6
27	PAVON"S" CM-8399-D-4M-3Y-0M-0BK-1PTZ-0M	2B	3628.3
231	VEERY"S" CM-33027-F-4M-8Y-0M	2	3628.1
33	PAVON"S" CM-8399-D-4M-3Y-1M-1Y-0M-(1-169B	2*B	3618.7
23	PAVON76	2B	3618.7
229	VEERY"S" CM-33027-F-4M-3Y-0M	2	3608.4
21	BLUEJAY "S" CM-5287-J-1Y-2M-1Y-1M-0Y-(1-144B	2R	3596.3
317	TOLUCA73(PATO(R)-CAL/7C X BB-CNO) CM-35412-10M-1Y-0M	2	3590.4
309	PAVON"S"-CARPINTERO X CJ71-CIN CM-34728-C-1M-1Y-0M	2	3590.2
30	PAVON"S" CM-8399-D-4M-3Y-1M-0Y-(1-6B)	2B	3579.3
320	NACOZARI 76		3564.0
80	NACOZARI 76		3560.2

Table 3. Continuation

VTY NO	VARIETY OR CROSS AND PEDIGREE	GRAIN	YIELD KG/HA.
227	VEERY"S" CM-33027-F-1M-11Y-0M	2	3554.0
152	INIA"S"-ON X INIA-BB/JUP73 CM-28235-1Y-1Y-0M	2B	3551.4
307	TOWHEE"S" CM-34709-G-16M-6Y-0M	2B	3540.1
83	FLICKER"S" CM-8954-B-7M-1Y-1M-0Y-(1-35B)	2B	3538.5
82	FLICKER"S" CM-8954-B-7M-1Y-1M-0Y	2B	3530.7
98	ALONDRA"S" CM-11683-1Y-1M-1Y-13M-1Y-500Y-0M	2R	3527.2
324	KL.H645Y48000-JUP73/KAL-BB CNO X BB-GALLO (I67/S310-PI X LR64-II18.47) CM-36090-I-2M-501Y-0M	2	3523.0
192	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31630-G-4Y-1M-1Y-0M		3516.7
19	BLUEJAY"S" CM-5287-A-1Y-2M-1Y-4M-0Y-501Y-2B-0Y	2	5312.0
84	FLICKER"S" CM-8954-B-7M-1Y-1M-0Y-(1-21B)	2B	3510.4
220	PAVON 76		3508.5
95	SOLSORT"S" CM-10712-1Y-1M-6Y-1M-1Y-0M	2B	3502.6
17	BLUEJAY"S" CM-5287-J-1Y-2M-1Y-4M-0Y-501Y-0B	2	3500.5
8	SIETE CERROS 66	3B	3491.4
238	KVZ-TI 71/MAYA"S" X BB-INIA CM-33089-W-3M-9Y-0M	2	3491.1
186	(MD/N-K117A X FR-KAD/GB) FR-KAD X GB CHA #2/PCI"S" CM-31070-Y-1Y-2M-1Y-0Y	2	3489.7

Table 4. Frequency and location of entries appearing in top 5 per cent in yield—11th IBWSN

Entry	Cultivar or cross and pedigree	Number of times present in top 5%	Individual sites where lines were in top 5%.
27	Pavon "S" CM8399-D-4M-3Y-0M-0BK-XPtz-0M	12	Egypt (8); Malawi (16); Bangladesh (43); Canada (121); Mexico (132); Chile (1 Chile (168); Egypt (341); Chile (360); USA (392); E. Germany (387); Nicarag
309	Pavon "S"- Carpintero x Cj71-Cin CM34728-C-1M-1Y-0M	12	Egypt (8); South Korea (64); South Korea (65); USA (150); Chile (166); Chile (Peru (302); Argentina (312); Egypt (341); India (372); Spain (90); Chile (165).
332	Cuckoo "S" II 28424-3Y-1M-1Y-0M-(1-161 B)	12	Sudan (32); Tanzania (33); India (45); India (48); Greece (74); Mexico (130); Bolivia (158); Philippines (323); Syria (363); India (372); Mexico (354); E. Ge
28	Pavon "S" CM8399-D-4M-3Y-1M-0Y-(1-17B)	10	Egypt (8); South Africa (27); Bangladesh (43); Canada (121); Mexico (132); Chile (166); Chile (168); East Germany (387); Chile (396); Colombia (397)
33	Pavon "S" CM8399-D-4M-3Y-1M-1Y-0M-(1-169 B)	10	Egypt (8); South Africa (27); Bangladesh (43); India (48); Canada (121); Mexico (132); India (206); Bangladesh (42); Bolivia (158); Rhodesia (408).
100	Pavon 76	10	Egypt (6); Egypt (8); Malawi (16); Sudan (32); Bangladesh (43); India (45); Canada (121); Mexico (132); India (318); Egypt (9).
220	Pavon 76	10	Egypt (6); Egypt (9), Malawi (16); India (48); Pakistan (62); Libya (191); Upper Volta (361); Rhodesia (408); Libya (15); Bangladesh (42
342	HD 2162	10	Sudan (32); Tanzania (33); Bangladesh (43); South Korea (65); Greece (74); Mexico (130); Argentina (153); Chile (168); Poland (309); Peru (172).
98	Alondra "S" CM11683-1Y-1M-1Y-13M-1Y-500Y-0M	9	South Korea (65); Canada (121); Chile (166); Taiwan (211); Brazil (294); Colombia (397); Rhodesia (408); Nicaragua (410); India (50).
229	Veery "S" CM33027-F-4M-3Y-0M	9	Egypt (6); India (45); Greece (74); Spain (90); Argentina (153); Libya (191); Philippines (323); Venezuela (367); India (318).
246	Kvz-Ti 71 x Tito "S" CM33090-T-1M-4Y-0M	9	India (48); South Korea (65); Taiwan (211); Israel (258); Argentina (312); Canada (315); Rhodesia (408); Tanzania (33); Libya (191).
347	S948.A1-SE (7) CMH72A.390-1B-1Y-0B	9	Mexico (130); Czechoslovakia (226); Chile (299); Canada (315); Egypt (341); USA (137); Poland (309); Syria (363); India (372).
8	Siete Cerros	9	South Korea (64); Canada (120); Bolivia (158); Peru (172); Poland (309); India (318); Cyprus (368); East Germany (387); Egypt (9).
335	(Dim/Son64-Kl.Rend x Bb)Tob"S"-8156 x CC-Inia 89-1B-0Y-1Y-500Y-0M	8	South Korea (65); Argentina (153); Chile (165); Jordan (259); Canada (315); Egypt (341); Cyprus (368); Argentina (312).
52	Brochis "S" CM5872-C-1Y-1M-1Y-1M-0Y	8	Egypt (8); India (48); Norway (242); Chile (299); Egypt (341); New Caledonia (417); Pakistan (62); Chile (166).
93	Bb-Kal CM9160-11M-5Y-4M-0Y	8	Mexico (132); Poland (309); Canada (315); Norway (395); Malawi (16); Mexico (130); Bolivia (158); East Germany (357).
208	Zz"S"-Maya "S" x Zp "S"-Maya "S" CM31659-A-2Y-7Y-0M	8	Spain (90); Argentina (153); Chile (166); Libya (191); Norway (395); Peru (302); Canada (315); Chile (396).
224	55.1744 x Bb-Inia/Bolillo "S" CM32151-M-1M-8Y-0M	8	Egypt (6); Malawi (16); South Korea (65); USA (137); Upper Volta (361); Canada (120); USA (150); Poland (309).
230	Veery "S" CM33027-F-4M-5Y-0M	8	Egypt (9); Nepal (55); Spain (90); Canada (121); Philippines (323); Venezuela (367); Norway (395); Nicaragua (410).
244	Kvz-Ti 71 x Tito "S" CM33090-N-1M-6Y-0M	8	Bangladesh (43); South Korea (65); Canada (120); Mexico (130); Argentina (153); Canada (315); Egypt (341); Norway (395).
245	Kvz-Ti 71 x Tito "S" CM33090-T-1M-3Y-0M	8	Tanzania (33); India (48); Canada (120); Mexico (130); Israel (258); Egypt (341); Rhodesia (408); Egypt (6).
317	Toluca 73 (Pato (R)-Cal/7CxBb-Cno) CM35412-10M-1Y-0M	8	Sudan (32); India (48); USA (137); Argentina (153); Peru (170); Chile (299); Upper Volta (361); Bangladesh (42).

* Numbers in parentheses are standard site locations which correspond to permanent locations in Table 1.

Table 5. Lines which flowered in 86 days or less—11th IBWSN

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	FLOW DAYS
			(62)
4	TANORI71	2B	81.6
120	TANORI71		81.7
232	VEERY "S" CM-33027-A-8M-1Y-0M	2B	82.0
9	POTAM	2B	82.9
5	TORIM73	1	83.4
7	INIA66	2	83.9
240	TANORI71		84.0
10	SALAMANCA75	2	84.0
106	GV "S" X KAL-BB CM-15433-45Y-5M-1Y-9Y-0Y		84.1
121	PV18A-CNO67 X BB(PAK) CM-21689-1M-1Y-1Y-0Y	2	84.3
2	COCORAQUE75	2R	84.5
206	MAYA"S"-BON(FR-MCM(2) X KT(3)-Y50/ MAYA"S") CM-31636-U-9Y-1Y-0M	2	84.6
108	GV "S" X KAL-BB CM-15433-45Y-5M-1Y-12Y-0Y		84.7
159	BB-GALLO X PCI"S" CM-29308-4Y-1Y-0M	2B*	84.7
18	BLUEJAY"S" CM-5287-A-1Y-2M-1Y-4M-0Y-501Y-0B	2	84.8
107	GV "S" X KAL-BB CM-15433-45Y-5M-1Y-10Y-0Y		84.9
17	BLUEJAY"S" CM-5287-J-1Y-2M-1Y-4M-0Y-501Y-0B	2	84.9
80	NACOZARI76		84.9

Table 5. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	FLOW DAYS
			(62)
157	MAYA"S"-MONCHO"S" CM-29251-1Y-1Y-ØM	2B	85.Ø
16	BLUEJAY"S" CM-5287-J-1Y-2M-1Y-1M-ØY	2	85.1
1Ø1	PV18A-CNO67 X KAL-BB CM-14979-35Y-1M-3Y-ØY	2B	85.2
311	BLUEJAY"S"-GRAJO"S"(MAIPO/BB X TOB-CNO) CM-34742-A-2M-2Y-ØM	2B	85.3
21Ø	(ZZ"S"/FURY X CNO"S"-NO66)CDL-AZ67 CM-31655-J-7Y-2M-1Y-ØM	2	85.4
33Ø	KAL-BB II26992-3ØM-1Y-1M-3Y-ØM	2*	85.4
3Ø7	TOWHEE "S" CM-34709-G-16M-6Y-ØM	2B	85.5
332	CUCKOO"S" II28424-8Y-1M-1Y-ØM-(1-161B)		85.6
21	BLUEJAY"S" CM-5287-J-1Y-2M-1Y-1M-ØY-(1-144B	2R	85.6
133	TL{LA(FR-KAD X GB/FR-KAD X GB)} CM-23091-1M-2Y-ØY	2B	85.6
156	MAYA"S"/GALLO-AUSTII61.157 X CNO-NO66 CM-29229-16Y-2Y-ØM	2B	85.7
22	BLUEJAY"S" CM-5287-J-1Y-2M-2Y-3M-ØY-(1-117B	2B	85.7
1Ø5	GV"S" X KAL-BB CM-15433-45Y-5M-1Y-8Y-ØY		85.8
222	PV18A-CNO67 X HORK"S" CM-32151-3M-1Y-ØM	2*	85.8
19	BLUEJAY"S" CM-5287-A-1Y-2M-1Y-4M-ØY-5Ø1Y-2B-ØY	2	85.8

Table 5. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	FLOW DAYS
			(62)
192	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31630-G-4Y-1M-1Y-0M		85.9
185	[{(MD/N-K117A X FR-KAD/GB)FR-KAD X GB}CHA#2]PCI"S" CM-31070-Y-1Y-1M-2Y-0B	2B	85.9
193	YECORA70		85.9
134	Y50E-KAL(3)/FR-TH X NAR59(2) CM-23109-9BJ-0Y	2	85.9

Table 6. Lines which matured in 135 days or less—11th IBWSN

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	MAT DAYS
			(45)
185	[{(MD/N-K117A X FR-KAD/GB)FR-KAD X GB}CHA#2]PCI"S" CM-31070-Y-1Y-1M-2Y-0B	2B	133.4
333	BB(SON64-AN64 X NAD63/JAR"S") II34795-5Y-1M-3Y-0M	2*	133.8
159	BB-GALLO X PCI"S" CM-29308-4Y-1Y-0M	2B*	133.9
195	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31630-H-3Y-1M-1Y-0M	1B	133.9
232	VEERY "S" CM-33027-A-8M-1Y-0M	2B	134.2
4	TANORI71	2B	134.3
193	YECORA70		134.4
196	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31630-H-3Y-1M-2Y-0M	2B	134.4
240	TANORI71		134.4
5	TORIM73	1	134.5
217	BUCKBUCK"S" CM-31678-R-4Y-4M-13Y-0M	2SEG	134.5
187	[{(MD/N-K117A X FR-KAD/GB)FR-KAD X GB}CHA#2]PCI"S" CM-31070-Y-1Y-2M-2Y-0M	2	134.6
331	KAL-BB II26992-30M-1Y-1M-3Y-0M-(1-208B)	2B	134.6
200	NACOZARI76		134.6
222	PV18A-CN067 X HORK"S" CM-32151-3M-1Y-0M	2*	134.8
120	TANORI71		134.9

Table 6. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	MAT DAYS
			(45)
199	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31630-H-3Y-1M-7Y-0M	2B	135.0
186	[{(MD/N-K117A X FR-KAD/GB)FR-KAD X GB}CHA#2]PCI"S" CM-31070-Y-1Y-2M-1Y-0B	2	135.0
198	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31630-H-3Y-1M-6Y-0M	2B*	135.0

Table 7. Lines which matured in 146 days or more—11th IBWSN

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	MAT DAYS
			(45)
97	BB-SKA X CDL CM-10744-16Y-1M-1Y-4M-0Y	2B	146.0
94	BB-KAL CM-9160-11M-5Y-5M-2Y-0M	2B	146.1
93	BB-KAL CM-9160-11M-5Y-4M-0Y	2B	147.1
348	KVZ-TI71 X TITO"S" CM-33090-N-1M-5Y-0M		149.2

Table 8. Entries with highest levels of stem rust resistance, by average coefficient of infection (ACI)—11th IBWSN

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	STEM RUST (ACI)
			(20)
253	BOBWHITE "S" CM-33203-G-9M-4Y-0M	2B	1.0
252	AU X KAL-BB/BON CM-33202-E-1M-2Y-0M	2	1.1
246	KVZ-TI71 X TITO"S" CM-33090-T-1M-4Y-0M	2B	1.2
257	BOBWHITE "S" CM-33203-N-1M-2Y-0M	2	1.5
85	FLICKER"S" CM-8954-B-7M-1Y-1M-1Y-0M	2B	1.7
254	BOBWHITE "S" CM-33203-G-9M-5Y-0M	2B	1.8
335	(DIM/SON64-KL.REND X BB)TOB"S"-8156 CC-INIA 89-1B-0Y-1Y-500Y-0M	2	1.9
86	FLICKER"S" CM-8954-B-7M-1Y-1M-1Y-0M-2PTZ-0Y	3B	2.1
84	FLICKER"S" CM-8954-B-7M-1Y-1M-0Y-(1-21B)	2B	2.2
239	KVZ-TI71/MAYA"S" X BB-INIA CM-33089-W-3M-11Y-0M	2	2.3
233	VEERY "S" CM-33027-F-15M-500Y-0M	2B	2.3
57	BROCHIS"S" CM-5872-C-1Y-5M-1Y-3M-0Y-1PTZ-0Y	2B	2.3
255	BOBWHITE "S" CM-33203-H-4M-1Y-0M	2	2.4
56	BROCHIS"S"(B) CM-5872-C-1Y-5M-1Y-3M-0Y	2B	2.6
245	KVZ-TI71 X TITO"S" CM-33090-T-1M-3Y-0M	2B*	2.6

Table 8. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	STEM RUST (ACI)
			(20)
261	BOBWHITE "S" CM-33203-K-9M-24Y-0M	2B	2.8
326	KVZ X CNO-PJ62 SWM-1285-2Y-3M-1Y-0M		3.1
55	BROCHIS"S"(B) CM-5872-C-1Y-5M-1Y-2M-0Y	2B	3.3
58	BROCHIS"S" CM-5872-C-1Y-5M-1Y-3M-0Y-3PTZ-0Y	2	3.4
262	BOBWHITE "S" CM-33203-P-3M-1Y-0M	2	3.5
256	BOBWHITE "S" CM-33203-H-8M-1Y-0M	2	3.6
61	BROCHIS"S" CM-5872-C-1Y-5M-2Y-2M-0Y	2B	3.7

Table 9. Entries with highest levels of leaf rust resistance, by average coefficient of infestation (ACI)—11th IBWSI

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	LEAF RUST
			NOBS:	(42)
252	AU X KAL-BB/BON CM-33202-F-1M-2Y-0M	2	MEX/CIMMYT	1.0
244	KVZ-TI7) X TITO"S" CM-33090-N-1M-6Y-0M	2B	MEX/CIMMYT	1.4
255	BOBWHITE "S" CM-33203-H-4M-1Y-0M	2	MEX/CIMMYT	1.5
253	BOBWHITE "S" CM-33203-G-9M-4Y-0M	2B	MEX/CIMMYT	1.6
262	BOBWHITE "S" CM-33203-P-3M-1Y-0M	2	MEX/CIMMYT	1.7
326	KVZ X CNO-PJ62 SWM-1285-2Y-3M-1Y-0M		MEX/CIMMYT	1.7
154	INIA"S"-ON X INIA-B9/JUP73 CM-29235-2Y-6Y-0M	2B	MEX/CIMMYT	1.8
158	MAYA"S"-PAVON"S" CM-29256-11Y-6Y-0M	2B	MEX/CIMMYT	1.8
283	JUNCO "S" CM-33433-K-2M-1Y-0M	2B	MEX/CIMMYT	1.9
275	[(CNO"S"-NOC6/C273 X NP375-E.853.5.3 7C)HORK"S" CM-33435-Y-3M-6Y-0M	2B	MEX/CIMMYT	1.9
261	BOBWHITE "S" CM-33203-K-9M-24Y-0M	2B	MEX/CIMMYT	1.9
297	TOWHEE "S" CM-34709-G-15M-2Y-0M	2B	MEX/CIMMYT	2.0
270	MAIPI - PJ62 X EMU "S" CM-33254-P-4M-2Y-0M	2	MEX/CIMMYT	2.0
150	PV18A-CNO67 X WE[SX(NOR67/CNO-CHR X ON)] CM-26607-D-14Y-1M-3Y-0B	2	MEX/CIMMYT	2.2
149	PV18A-CNO67 X WE[SX(NOR67/CNO-CHR X ON)] CM-26607-D-14Y-1M-1Y-0B	2	MEX/CIMMYT	2.2

Table 9. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	LEAF RUST
			NOBS:	(42)
157	MAYA"S"-MONCHO"S" CM-29251-1Y-1Y-0M	2B	MEX/CIMMYT	2.3
267	TITI-TOB X ALONDRA"S" CM-33217-0-4M-1Y-0M	2	MEX/CIMMYT	2.3
246	KVZ-TITI X TITO"S" CM-33090-T-1M-4Y-0M	2B	MEX/CIMMYT	2.4
234	(KVZ/TOB-CEN X 3B)POLILLO"S" CM-33020-A-4M-5Y-0M		MEX/CIMMYT	2.5
250	YMH-JARG6 X Y50/ALONDRA"S" CM-33168-J-1M-2Y-0M	2	MEX/CIMMYT	2.5
126	ZA75 X PJ62-CAL CM-22589-1M-4Y-4Y-0Y	2	MEX/CIMMYT	2.5
256	BOBWHITE "S" CM-33203-H-0M-1Y-0M	2	MEX/CIMMYT	2.5
179	CNO"S"-PJ62 X ON-II60.147/BB-GALLO CM-31026-0-1Y-2M-1Y-0M	2	MEX/CIMMYT	2.6
259	BOBWHITE "S" CM-33203-K-3M-1Y-0M	2B	MEX/CIMMYT	2.7
313	BLUEJAY"S"-GRAJO"S"(MAIPO/BB X TOB-CNO) CM-34742-A-3M-2Y-0M	2SEG	MEX/CIMMYT	2.7
141	(FKN(FR X KAD-GB)(2)1BB-CHA CM-25998-BY-3Y-1Y-0M	2	MEX/CIMMYT	2.8
37	BB-NOR67 X CNO"S"-7C CM-1546-500M-500Y-500B-0Y	2B	MEX/CIMMYT	2.8
165	TP X CNO-N066/BB-CNO(TP X CNO-INIA"S /CNO-INIA"S"(2)) CM-29990-9Y-2Y-0M	2	MEX/CIMMYT	2.9
192	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31630-G-4Y-1M-1Y-0M		MEX/CIMMYT	2.9
167	INIA "S" - 7C X YDING "S" CM-30124-1M-1Y-0M		MEX/CIMMYT	2.9
265	TITI-TOB X ALONDRA"S" CM-33217-H-1M-1Y-0M		MEX/CIMMYT	2.9

Table 9. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	LEAF RUST
			NOBS=	(42)
101	PV18A-CN067 X KAL-BB CM-14979-25Y-1M-3Y-0Y	2B	MEX/CIMMYT	2.9
322	YPRESEL(B)-TRIFON"S" X RSK-TORIM73 CM-36064-A-1M-1Y-0M		MEX/CIMMYT	2.9
235	(N10B-P14 X 101-6530/KAL-BB)MONCHO"S CM-33045-A-1M-4Y-0M	2B	MEX/CIMMYT	3.0
292	B2-GALLO X Y50E-KAL(3)/LFN X HD832-BB CM-34574-F-1M-14Y-0M	2B	MEX/CIMMYT	3.0
263	BOBWHITE "S" CM-33203-P-4M-3Y-0M	2	MEX/CIMMYT	3.0
254	BOBWHITE "S" CM-33203-G-9M-5Y-0M	2B	MEX/CIMMYT	3.1
127	ZA75 X PJ62-CAL CM-22569-1M-8Y-1Y-0Y	2	MEX/CIMMYT	3.1
257	BOBWHITE "S" CM-33203-N-1M-2Y-0M	2	MEX/CIMMYT	3.1
304	TOWHEE "S" CM-34709-G-15M-14Y-0M	2B	MEX/CIMMYT	3.1
299	TOWHEE "S" CM-34709-G-15M-5Y-0M	2B	MEX/CIMMYT	3.2
125	ZA75 X PJ62-CAL CM-22569-1M-1Y-1Y-0Y	2	MEX/CIMMYT	3.2
90	CHIROCA"S" CM-4963-A-1M-1Y-1M-5Y-6M-0Y	2B	MEX/CIMMYT	3.2
310	BLUEJAY"S"-GRAJO"S"(MAIPO/BB X TOR-CNO) CM-34742-A-1M-9Y-0M	2B	MEX/CIMMYT	3.2
314	BLUEJAY"S"-GRAJO"S"(MAIPO/BB X TOR-CNO) CM-34742-F-2M-9Y-0M	2B	MEX/CIMMYT	3.2
117	KAL-BP(BP-CNO(LR64/SON X SKE-AN) CNO)] CM-21607-[illegible]M-3Y-1Y-1Y-0M	2B	MEX/CIMMYT	3.2

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	LEAF RUST
			NOBS:	(42)
290	(MAYA74(KL.REND-SON64(2) X INIA/CNO) IN.STRAMPELLI-Y50 CM-34513-A-1M-501Y-0M		MEX/CIMMYT	3.3
118	PVI"A-CNO67 X BON CM-21070-8M-1Y-3M-500Y-0M	2	MEX/CIMMYT	3.3
258	BOBWHITE "S" CM-33203-J-16M-1Y-0M	2	MEX/CIMMYT	3.4
136	K339-E DE CH X BONI(CNO-CHR X ON/ HD8321BN-CNO) CM-24235-F-1M-1Y-1Y-1Y-0M	2B	MEX/CIMMYT	3.4
89	CHIROCA"S" CM-3963-A-1M-1Y-1M-3Y-0M	2B*	MEX/CIMMYT	3.4
175	PHOEBE CM-30831-D-4Y-2M-1Y-0M	2	MEX/CIMMYT	3.5
251	AU X KAL-BB/BON CM-33292-H-3M-1Y-0M		MEX/CIMMYT	3.6
316	TITIRESEL-MONCHO"S" CM-34801-2M-8Y-0M	2B	MEX/CIMMYT	3.6
62	PH X TOB-81"6 CM-7723-500M-500Y-0M-501M-0Y	2	MEX/CIMMYT	3.6
100	PAVON76		MEX/CIMMYT	3.7
31	PAVON"S" CM-3399-D-4M-3Y-1M-0Y-(1-268)	2*	MEX/CIMMYT	3.7
32	PAVON"S" CM-0399-D-4M-3Y-1M-1Y-0M	1	MEX/CIMMYT	3.7
173	SISKIN"S"-PAVON"S" CM-30697-2M-14Y-0M	2SEG	MEX/CIMMYT	3.7
291	JINCO "S" CM-33423-C-1M-6Y-0M	2B	MEX/CIMMYT	3.8
277	MAYA"S"/CNO"S"-PJ62 X GALLO((HK-3HMA 4777 X REI-Y/KT)IYN) CM-33477-D-2M-6Y-0M	2B	MEX/CIMMYT	3.8
116	TZPP(2)-ANE X INIA/CNO-JAR X KV7 CM-21335-C-9Y-0M-1Y-1Y-1Y-0B	2	MEX/CIMMYT	3.8

Table 9. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	LEAF RUST
			NOBS:	(42)
25	PAVON"S" CM-8399-D-4M-3Y-0M	2B	MEX/CIMMYT	3.8
2	COCORAQUE 75	2R	MEX/CIMMYT	3.9
245	KVZ-TI71 X TITO"S" CM-33090-T-1M-3Y-0M	2B*	MEX/CIMMYT	3.9
168	INIA "S" - 7C X YDING "S" CM-30174-1M-5Y-0M	2B	MEX/CIMMYT	3.9

Table 10. Entries with highest levels of stripe rust resistance, by average coefficient of infection (ACI)—11th IBWSN

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	STRP RT.L
			NOBS:	(29)
327	KVZ-CJ71 SWM-1430-4Y-3Y-0M	2	MEX/CIMMYT	1.0
237	KVZ-TI71/MAYA"S" X BB-INIA CM-33039-F-2M-3Y-0M	2	MEX/CIMMYT	1.2
38	JAR-CNO X CFN-CNO/SR70 CM-1733-9M-1Y-1M-1Y-0M	2	MEX/CIMMYT	1.3
167	INIA "S" - 7C X YDING "S" CM-30124-1M-1Y-0M		MEX/CIMMYT	1.3
261	BOBWHITE "S" CM-33203-K-9M-24Y-0M	2B	MEX/CIMMYT	1.4
72	EMU"S" CM-8327-C-9M-4Y-8M-0Y	2R	MEX/CIMMYT	1.7
289	KVZ-GV"S"(BON-CHA X BB-NOR67/EMECK13 CM-33942-A-2M-500Y-0M		MEX/CIMMYT	1.7
259	BOBWHITE "S" CM-33203-K-9M-1Y-0M	2R	MEX/CIMMYT	1.7
299	TOWHEE "S" CM-34709-G-15M-3Y-0M	2B	MEX/CIMMYT	1.9
312	BLUEJAY"S"-GRAJO"S"(MAIPO/BB X TOB-CNO) CM-34742-A-3M-1Y-0M	2B	MEX/CIMMYT	1.8
131	TECOLOTE/FN-TH X NAR59(2) CM-23090-1M-3Y-5Y-1Y-0M	2R	MEX/CIMMYT	1.8
64	EMU"S" CM-8327-C-9M-1Y-1M-1Y-0M	2	MEX/CIMMYT	1.9
209	ZZ"S"-MAYA"S" X ZP"S"-MAYA"S" CM-31659-G-1Y-14Y-0M	2B	MEX/CIMMYT	1.9
212	BUCKPUCK"S" CM-31678-R-4Y-2M-1Y-0M	2	MEX/CIMMYT	1.9
326	KVZ X CNO-PJ62 SWM-1285-2Y-3M-1Y-0M		MEX/CIMMYT	1.9
234	(KVZ/TOR-CFN X BP)80LILLO"S"		MEX/CIMMYT	2.0

Table 10. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	STRP RT.L
			NOBS:	(29)
253	BOBWHITE "S" CM-33203-G-9M-4Y-0M	2B	MEX/CIMMYT	2.0
252	AU X KAL-99/PON CM-33202-F-1M-2Y-0M	2	MEX/CIMMYT	2.0
116	T/PP(2)-ANE X INIA/CNO-JAR X KVZ CM-21335-C-9Y-3M-1Y-1Y-1Y-0B	2	MEX/CIMMYT	2.1
214	BUCKBUCK"S" CM-31679-R-4Y-2M-21Y-0M	2	MEX/CIMMYT	2.1
206	MAYA"S"-BONIFER-YCM(2) X KT(3)-Y50/ MAYA"S") CM-31636-U-0Y-1Y-0M	2	MEX/CIMMYT	2.1
257	BOBWHITE "S" CM-33203-N-1M-2Y-0M	2	MEX/CIMMYT	2.1
175	PHOEBE CM-30831-D-4Y-2M-1Y-0M	2	MEX/CIMMYT	2.1
239	KVZ-TI71/MAYA"S" X GB-INIA CM-33040-W-3M-11Y-0M	2	MEX/CIMMYT	2.1
171	TITMOUSE CM-30136-10Y-1Y-0M	2	MEX/CIMMYT	2.1
290	(MAYA74(FL.BEND-SON74(2) X INIA/CNO))N.STRAMPELLI-Y50 CM-34513-A-1M-501Y-0M		MEX/CIMMYT	2.2
267	TI71-TOR X ALONDRA"S" CM-33217-D-4M-1Y-0M	2	MEX/CIMMYT	2.2
208	ZZ"S"-MAYA"S" X ZP"S"-MAYA"S" CM-31659-A-2Y-7Y-0M	2B	MEX/CIMMYT	2.2
304	TOWHEE "S" CM-34709-G-1FM-14Y-0M	2B	MEX/CIMMYT	2.3
215	BUCKBUCK"S" CM-31679-R-4Y-2M-25Y-0M	2SEG	MEX/CIMMYT	2.3
170	TITMOUSE CM-30136-4Y-1Y-MM	2	MEX/CIMMYT	2.3
71	EMU"S" CM-3327-C-9M-4Y-3M-0Y	2	MEX/CIMMYT	2.3

Table 10. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	STRP RT.L
			NOBS:	(29)
207	ZZ"S"-MAYA"S" X ZP"S"-MAYA"S" CM-31659-A-2Y-4Y-0M	2B	MEX/CIMMYT	2.3
183	[[(MD/N-K117A X FR-KAD/G3)FR-KAD X GB)YR1BP-RON X MAYA74"S" CM-31068-W-5Y-2M-6Y-0M	2B	MEX/CIMMYT	2.4
145	ORIOLE "S" CM-26119-G-12Y-15Y-0M	2	MEX/CIMMYT	2.4
265	TITI-TOR X ALONDRA"S" CM-33217-H-1M-1Y-0M		MEX/CIMMYT	2.4
69	EMU"S" CM-9327-C-9M-1Y-2M-2Y-1M-0Y	2	MEX/CIMMYT	2.5
233	VEERY "S" CM-13027-F-15M-500Y-0M	2B	MEX/CIMMYT	2.5
245	KVZ-TITI X TITO"S" CM-33090-T-1M-3Y-0M	2B*	MEX/CIMMYT	2.5
339	CAL X CNO"S"-SON64 PKR650-1Y-2M-1Y-3M-0Y	2	PAKISTAN	2.5
213	BUCKBUCK"S" CM-31079-R-4Y-2M-15Y-0M	2	MEX/CIMMYT	2.6
19	BLUEJAY"S" CM-5287-A-1Y-2M-1Y-4M-0Y-501Y-2M-0Y	2	MEX/CIMMYT	2.7
305	TOWHEE "S" CM-34709-G-15M-16Y-0M	2B	MEX/CIMMYT	2.7
328	MILDRESS-NAD63 SWM-1676-51Y-1Y-0M	2	N.L.D.	2.7
179	CNO"S"-PJ62 X ON-I160.147/BB-GALLO CM-31026-0-1Y-2M-1Y-0M	2	MEX/CIMMYT	2.7
111	PATO-ON X MAYA"S" CM-16216-41M-1Y-10M-1Y-1Y-0M	2	MEX/CIMMYT	2.7
262	BOBWHITE "S" CM-33203-P-3M-1Y-0M	2	MEX/CIMMYT	2.8
161	CNO-7C X TGM/GRAJO"S"		MEX/CIMMYT	2.8

Table 10. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	STRP RT.L
			NOBS:	(29)
146	ORIOLE "S" CM-26113-K-6Y-1Y-0M	2	MEX/CIMMYT	2.8
227	VEERY "S" CM-33027-F-1M-11Y-0M	2	MEX/CIMMYT	2.9
51	BROCHIS"S" CM-5872-C-1Y-1M-3Y-0M	2B	MEX/CIMMYT	2.9
94	2B-KAL CM-9160-11M-5Y-5M-2Y-0M	2B	MEX/CIMMYT	2.9
254	BOBWHITE "S" CM-33203-G-9M-5Y-0M	2B	MEX/CIMMYT	2.9
22	BLUEJAY"S" CM-5287-J-1Y-2M-2Y-3M-0Y-(1-117B	2B	MEX/CIMMYT	2.9
18	BLUEJAY"S" CM-5287-A-1Y-2M-1Y-4M-0Y-501Y-0B	2	MEX/CIMMYT	3.0
43	COMO "S" CM-47[illegible]-12Y-1M-3Y-0M	2	MEX/CIMMYT	3.0
228	VEERY "S" CM-33027-F-3M-1Y-0M	2	MEX/CIMMYT	3.0
128	TECOLOTE/EN-TH X NARSO(2) CM-23090-1M-2Y-1Y-1Y-0M	2B	MEX/CIMMYT	3.0
246	KVZ-T171 X T110"S" CM-13090-T-1M-4Y-0M	2B	MEX/CIMMYT	3.1
103	CGN X KAL-BB CM-15133-1M-3Y-6M-0Y	2B*	MEX/CIMMYT	3.1
226	VEERY "S" CM-33027-F-1M-9Y-0M	2	MEX/CIMMYT	3.1
67	EMU"S" CM-9327-C-9M-1Y-0M	2	MEX/CIMMYT	3.1
144	ORIOLE "S" CM-2611[illegible]-G-5Y-1Y-0M	2	MEX/CIMMYT	3.2
295	TOWHEE "S" CM-34739-G-14M-3Y-0M	2B	MEX/CIMMYT	3.2
53	BROCHIS"S" CM-5872-C-1Y-5M-1Y-3M-0Y-3PTZ-0Y	2	MEX/CIMMYT	3.2

Table 10. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	STRI RT.I
			NOBS:	(2'
197	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31630-H-3Y-1M-4Y-0M	2B*	MEX/CIMMYT	3.
143	[(PAK F4 6313/TOB-CEN X BB1B.MAN-ON X CAL]MAYA"S" CM-26340-P-10Y-1M-1Y-0B	2B	MEX/CIMMYT	3.
130	TECOLOTE/FN-TH X NAR59(2) CM-23090-1M-3Y-2Y-1Y-0M	2B	MEX/CIMMYT	3.
156	MAYA"S"/GALLO-AUSTII61.157 X CNO-N066 CM-29225-16Y-2Y-0M	2B	MEX/CIMMYT	3.
174	KVZ-GV X TITO"S" CM-30917-A-9Y-1Y-0M	2B	MEX/CIMMYT	3.
273	MAIPO - PJ62 X EMU "S" CM-33254-S-1M-3Y-0M	2	MEX/CIMMYT	3.
302	TOWHEE "S" CM-34709-G-15M-12Y-0M	2B	MEX/CIMMYT	3.
297	TOWHEE "S" CM-34709-G-15M-2Y-0M	2B	MEX/CIMMYT	3.
263	BOBWHITE "S" CM-33203-P-4M-3Y-0M	2	MEX/CIMMYT	3.
50	RON-CHA X BB-NOR67 CM-5484-F-5Y-4M-3Y-3M-1Y-0M	2B	MEX/CIMMYT	3.
198	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31630-H-3Y-1M-6Y-0M	2B*	MEX/CIMMYT	3.
274	[(CNO"S"-N066/C273 X NP375-E.853.5.8 7C]HORK"S" CM-33635-H-1M-4Y-0M	2SEG	MEX/CIMMYT	3.
129	TECOLOTE/FN-TH X NAR592 CM-23090-1M-2Y-1Y-3Y-0M	2B	MEX/CIMMYT	3.
143	ORIOLE "S" CM-26118-G-4Y-4Y-0M	2	MEX/CIMMYT	3.7
205	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31630-I-6Y-1M-1Y-0B		MEX/CIMMYT	3.7

Table 10. Continuation

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	STRP RT.L
			NOBS:	(29)
255	BOB*HITE "S" CM-33203-H-4M-1Y-0M	2	MEX/CIMMYT	3.7
70	EMU"S" CM-8327-C-9M-1Y-5M-1Y-0M	2	MEX/CIMMYT	3.8
37	BB-NORIN 7 X CNO"S"-7C CM-1586-500M-500Y-500B-0Y	2B	MEX/CIMMYT	3.8
55	PROCHIS"S"(B) CM-5872-C-1Y-5M-1Y-2M-0Y	2B	MEX/CIMMYT	3.9
57	PROCHIS"S" CM-5872-C-1Y-5M-1Y-3M-0Y-1PT7-0Y	2B	MEX/CIMMYT	3.9
190	TI(SON66A X SKF-ANF/MY54-N10B)AN"S"-ELIBB-CALIGIS"IN"S"-7C CM-31099-C-1Y-3Y-0M	2	MEX/CIMMYT	3.9
201	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31630-H-3Y-1M-10Y-0M	2B	MEX/CIMMYT	3.9
178	CNO"S"-PJ62 X OY-1140.147/BB-GALLO CM-31026-C-1Y-1M-5Y-0M	2	MEX/CIMMYT	3.9
52	PROCHIS"S" CM-5872-C-1Y-1M-1Y-1M-0Y	2B	MEX/CIMMYT	3.9
269	MAIPO - PJ62 X EMU "S" CM-33254-P-4M-1Y-0M	2	MEX/CIMMYT	3.9
203	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31630-I-1Y-2M-4Y-0M	2B	MEX/CIMMYT	3.9
204	INIA"S"-7C X MAYA"S"/PCI"S" X BB-INIA CM-31630-I-1Y-2M-5Y-0M	2B*	MEX/CIMMYT	3.9
268	PJ62 X TOPO"S"-NAR59/BB-RON X MAYA"S CM-33241-D-1M-8Y-0M	2B	MEX/CIMMYT	4.0
293	BB-GALLO X YEOE-KAL(3)/LFN X HDR32-BB CM-34574-F-1M-2Y-0M	2B	MEX/CIMMYT	4.0
62	BB X TOH-0156 CM-7723-500M-500Y-0M-501M-0Y	2	MEX/CIMMYT	4.0