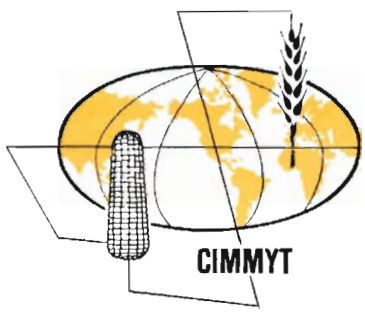
PROGENY TESTING TRIALS
EXPERIMENTAL VARIETY TRIALS
ELITE VARIETY TRIALS

ENSAYOS DE PRUEBA DE PROGENIES
ENSAYOS DE VARIEDADES EXPERIMENTALES
ENSAYOS DE VARIEDADES ELITE



FINAL REPORT

REPORTE FINAL

Maize Program 1982

Final Report
International Progeny Testing Trials,
Experimental Variety Trials, and
Elite Variety Trials

Programa de Maíz 1982

Reporte Final
Ensayos Internacionales de Prueba de
Progenies
Ensayos de Variedades Experimentales y
Ensayos de Variedades Elite

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(CUADROS DEL APENDICE)

Trial (Ensayo)	Location (Localidad)	Table No. (Cuadro No.)	Page No. (Pag. No.)
	1982		
IPTT 22	Venezuela, Maracay	32–P–82	35
	Zimbabwe, Rattray-Arnold	33–P–82	36
	Zimbabwe, Rattray-Arnold (1)	34–P–82	37
	Across Locations (A través de Locs.)	35–P–82	38
IPTT 23	Colombia, Palmira	36–P–82	39
	Across Locations (A través de Locs.)	37–P–82	40
IPTT 24	Brazil, Capinopolis	38–P–82	41
	Ecuador, Pichilingue	39–P–82	42
	Perú, Piura	40–P–82	43
	Across Locations (A través de Locs.)	41–P–82	44
IPTT 27	Brazil, Jardinopolis	42–P–82	45
	Ecuador, Pichilingue	43–P–82	46
	India, Coimbatore	44–P–82	47
	Philippines, Los Baños	45–P–82	48
	Philippines, Los Baños (1)	46–P–82	49
	Across Locations (A través de Locs.)	47–P–82	50
IPTT 32	Philippines, Los Baños	48–P–82	51
	Philippines, Los Baños (1)	49–P–82	52
	Across Locations (A través de Locs.)	50–P–82	53
IPTT 33	Bolivia, Chuquisaca	51–P–82	54
	Rep. S. Africa, Potchefstroom	52–P–82	55
	Nepal, Rampur (1)	53–P–82	56
	Turkey, Antalya	54–P–82	57
	Turkey, Antalya (1)	55–P–82	58
	Across Locations (A través de Locs.)	56–P–82	59
IPTT 35	Brazil, Capinopolis	57–P–82	60
	Perú, Piura	58–P–82	61
	Indonesia, Muneng	59–P–82	62
	Across Locations (A través de Locs.)	60–P–82	63
IPTT 43	Zimbabwe, Rattray-Arnold	61–P–82	64
	Zimbabwe, Rattray-Arnold (1)	62–P–82	65
IPTT 44	Egypt, Sids (1)	63–P–82	66
	Malawi, Chitedze	64–P–82	67
	Malawi, Chitedze (1)	65–P–82	68
	Zimbabwe, Rattray-Arnold	66–P–82	69
	Zimbabwe, Rattray-Arnold (1)	67–P–82	70
	Across Locations (A través de Locs.)	68–P–82	71

Trial (Ensayo)	Location (Localidad)	Table No. (Cuadro No.)	Page No. (Pag. No.)
IPTT 45	Bolivia, Chuquisaca	69–P–82	72
	Brazil, Capinopolis	70–P–82	73
	Egypt, Sids	29–P–82 (Rev.)	74
	Egypt, Sids (1)	71–P–82	75
	India, Hyderabad	72–P–82	76
	Pakistan, Islamabad	73–P–82	77
	Pakistan, Islamabad (1)	74–P–82	78
	Across Locations (A través de Locs.)	75–P–82	79
IPTT 47	Rep. S. Africa, Potchefstroom	76–P–82	80
	India, Udaipur	77–P–82	81
	Across Locations (A través de Locs.)	78–P–82	82
IPTT 48	Pakistan, Pirsabak	79–P–82	83
	Pakistan, Pirsabak (1)	80–P–82	84
	Pakistan, Pirsabak (2)	81–P–82	85
	Turkey, Adapazari	82–P–82	86
	Turkey, Adapazari (1)	83–P–82	87
	Across Locations (A través de Locs.)	84–P–82	88
EVT 6	Bolivia, Santa Cruz	177–V–82	89
	Colombia, Palmira	178–V–82	90
	Honduras, Talanquera	179–V–82	91
	Zaire, Gandajika	180–V–82	92
	Zaire, Kaniama	181–V–82	93
	Indonesia, Citayam	182–V–82	94
	Indonesia, Mojosari	183–V–82	95
	Philippines, U.P. Los Baños	184–V–82	96
	Vietnam, Song Boi	185–V–82	97
	Across Locations (A través Locs.)	186–V–82	98
QPMT 11B	Bolivia, Iboperenda	187–V–82	99
	Brazil, Bar Balha	188–V–82	100
	Chile, Santiago	189–V–82	101
	Ecuador, Pichilingue	190–V–82	102
	México, Obregón (3)	191–V–82	103
	Angola, Sakaala	192–V–82	104
	Morocco, Doukkala	193–V–82	105
	Rep. S. Africa, Potchefstroom	194–V–82	106
	Tanzania, Ilonga	195–V–82	107
	Zaire, Kaniama	196–V–82	108
	Zimbabwe, Kadoma	197–V–82	109
	Turkey, Adapazari	198–V–82	110
	Turkey, Antalya	199–V–82	111
	Pakistan, Islamabad	200–V–82	112
	Pakistan, Pirsabak	201–V–82	113
	Across Locations (A través Locs.)	202–V–82	114
EVT 12	Bolivia, Iboperenda	203–V–82	115
	México, Obregón	204–V–82	116
	México, Xalisco	205–V–82	117
	Angola, Chiango	206–V–82	118

Trial (Ensayo)	Location (Localidad)	Table No. (Cuadro No.)	Page No. (Pag. No.)
	Liberia, Suakoko	207–V–82	119
	Malawi, Bvunmbwe	208–V–82	120
	Malawi, Chitedze	209–V–82	121
	Malawi, Mbawa	210–V–82	122
	Mozambique, Chipembe	211–V–82	123
	Mozambique, Lichinga	212–V–82	124
	Rep. S. Africa, Potchefstroom	213–V–82	125
	Tanzania, Ilonga	214–V–82	126
	Togo, Sotouboua	215–V–82	127
	Togo, Sucral	216–V–82	128
	Zaire, Kisanga	217–V–82	129
	Zimbabwe, Harare	218–V–82	130
	Vietnam, Ho-Chi-Minh City	219–V–82	131
	Vietnam, Hung Loc	220–V–82	132
	Across Locations (A través Locs.)	221–V–82	133
EVT13	Bolivia, Ibopérenda	222–V–82	134
	Brazil, Barreiras	223–V–82	135
	Brazil, Capinopolis	224–V–82	136
	Brazil, Jardinopolis	225–V–82	137
	Brazil, Patos de Minas	226–V–82	138
	Brazil, Ubiraba	227–V–82	139
	Brazil, Vepar de Bacabal	228–V–82	140
	Brazil, Viana	229–V–82	141
	Ecuador, Pichilingue	230–V–82	142
	Paraguay, Capitán Miranda	231–V–82	143
	Cuba, Alquizar	232–V–82	144
	Cuba, El Tomeguin	233–V–82	145
	México, Xalisco	234–V–82	146
	Panamá, Chiriqui	235–V–82	147
	Angola, Chiango	236–V–82	148
	Liberia, Suakoko	237–V–82	149
	Mozambique, Chipembe	238–V–82	150
	Mozambique, Lichinga	239–V–82	151
	Rep. S. Africa, Potchefstroom	240–V–82	152
	Togo, Sotouboua	241–V–82	153
	Vietnam, Ho-Chi-Minh City	242–V–82	154
	Yemen, Taiz	243–V–82	155
	Across Locations (A través Locs.)	244–V–82	156
EVT 14A	Argentina, Yatasto	245–V–82	157
	Bolivia, Iboperenda	246–V–82	158
	Brazil, Barreiras	247–V–82	159
	Brazil, Capinopolis	248–V–82	160
	Brazil, Londrina	249–V–82	161
	Brazil, Patos de Minas	250–V–82	162
	Brazil, Vepar de Bacabal	251–V–82	163
	Ecuador, Pichilingue	252–V–82	164
	Paraguay, Capitán Miranda	253–V–82	165
	Cuba, Alquizar	254–V–82	166
	Cuba, El Tomeguin	255–V–82	167
	México, Obregón	256–V–82	168

Trial (Ensayo)	Location (Localidad)	Table No. (Cuadro No.)	Page No. (Pag. No.)
	Panamá, Chiriqui	257–V–82	169
	U.S.A., Aura Valley	258–V–82	170
	Angola, Chiango	259–V–82	171
	Liberia, Suakoko	260–V–82	172
	Mozambique, Chokwe	261–V–82	173
	Mozambique, Namapa	262–V–82	174
	Rep. S. Africa, Potchefstroom	263–V–82	175
	Togo, Sotouboua	264–V–82	176
	Saudi Arabia, Hofuf	265–V–82	177
	India, Ludhiana	266–V–82	178
	Pakistan, Islamabad	267–V–82	179
	Pakistan, Pirsabak	268–V–82	180
	Pakistan, Yousafwala	269–V–82	181
	Vietnam, Ho-Chi-Minh City	270–V–82	182
	Vietnam, Hung Loc	271–V–82	183
	Yemen A.R., Surdud	272–V–82	184
	Yemen A.R., Taiz	273–V–82	185
	Yemen A.R., Zabid	274–V–82	186
	Across Locations (A través Locs.)	275–V–82	187
EVT 14B	México, Nayarit	276–V–82	188
	México, Obregón	277–V–82	189
	Bolivia, Iboperenda	278–V–82	190
	Angola, Chiango	279–V–82	191
	Liberia, Suakoko	280–V–82	192
	Malawi, Baka	281–V–82	193
	Malawi, Chitala	282–V–82	194
	Mozambique, Chokwe	283–V–82	195
	Mozambique, Lioma	284–V–82	196
	Mozambique, Namapa	285–V–82	197
	Rep. S. Africa, Potchefstroom	286–V–82	198
	Tanzania, Ilonga	287–V–82	199
	Togo, Ojama Kope	288–V–82	200
	Togo, Sotouboua	289–V–82	201
	Togo, Sucral	290–V–82	202
	Zaire, Kaniama	291–V–82	203
	Zimbabwe, Chiredze	292–V–82	204
	Saudi Arabia, Hofuf	293–V–82	205
	Pakistan, Islamabad	294–V–82	206
	Vietnam, Ho-Chi-Minh City	295–V–82	207
	Vietnam, Hung Loc	296–V–82	208
	Across Locations (A través Locs.)	297–V–82	209
EVT 15A	Bolivia, Iboperenda	298–V–82	210
	Bolivia, Mairana	299–V–82	211
	Bolivia, Santa Cruz	300–V–82	212
	Ecuador, Pichilingue	301–V–82	213
	Cuba, Alquizar	302–V–82	214
	México, Obregón	303–V–82	215
	México, Xalisco	304–V–82	216
	Liberia, Suakoko	305–V–82	217
	Mozambique, Chipembe	306–V–82	218

Trial (Ensayo)	Location (Localidad)	Table No. (Cuadro No.)	Page No. (Pag. No.)
	Rep. S. Africa, Potchefstroom	307–V–82	219
	Tanzania, Ilonga	308–V–82	220
	Zimbabwe, Chiredze	309–V–82	221
	Saudi Arabia, Hofuf	310–V–82	222
	Pakistan, Islamabad	311–V–82	223
	Pakistan, Pirsabak	312–V–82	224
	Vietnam, Hung Loc	313–V–82	225
	Across Locations (A través Locs.)	314–V–82	226
EVT 16A	Argentina, Yatasto	315–V–82	227
	Bolivia, Iboperenda	316–V–82	228
	Brazil, Capinopolis	317–V–82	229
	Brazil, Viana	318–V–82	230
	Chile, Santiago	319–V–82	231
	Paraguay, Capitán Miranda	320–V–82	232
	Uruguay, La Estanzuela	321–V–82	233
	México, Buenaventura	322–V–82	234
	México, Delicias	323–V–82	235
	México, Obregón	324–V–82	236
	Angola, Chiango	325–V–82	237
	Libya, Alkufra	326–V–82	238
	Morocco, Boulaouane	327–V–82	239
	Morocco, Deroua	328–V–82	240
	Mozambique, Lichinga	329–V–82	241
	Rep. S. Africa, Potchefstroom	330–V–82	242
	Zimbabwe, Kadoma	331–V–82	243
	Saudi Arabia, Gassim	332–V–82	244
	Turkey, Adapazari	333–V–82	245
	Turkey, Antalya	334–V–82	246
	Turkey, Izmir	335–V–82	247
	Turkey, Samsun	336–V–82	248
	Pakistan, Faisalabad	337–V–82	249
	Pakistan, Islamabad	338–V–82	250
	Pakistan, Pirsabak	339–V–82	251
	Pakistan, Yousafwala	340–V–82	252
	Vietnam, Hung Loc	341–V–82	253
	Across Locations (A través Locs.)	342–V–82	254
EVT 16B	Bolivia, Iboperenda	343–V–82	255
	México, Buenaventura	344–V–82	256
	México, Delicias	345–V–82	257
	México, Obregón	346–V–82	258
	Angola, Chiango	347–V–82	259
	Libya, Alkufra	348–V–82	260
	Malawi, Bvunmbwe	349–V–82	261
	Malawi, Chitedze	350–V–82	262
	Malawi, Mbawa	351–V–82	263
	Morocco, Agadir	352–V–82	264
	Morocco, Gharb	353–V–82	265
	Mozambique, Lichinga	354–V–82	266
	Mozambique, Lioma	355–V–82	267
	Rep. S. Africa, Potchefstroom	356–V–82	268
	Zaire, Kaniama	357–V–82	269

Trial (Ensayo)	Location (Localidad)	Table No. (Cuadro No.)	Page No. (Pag. No.)
	Zimbabwe, Kadoma	358–V–82	270
	Saudi Arabia, Gassim	359–V–82	271
	Pakistan, Islamabad	360–V–82	272
	Pakistan, Pirsabak	361–V–82	273
	Pakistan, Yousafwala	362–V–82	274
	Across Locations (A través Locs.)	363–V–82	275

ADDENDUM – 1981

Trial (Ensayo)	Location (Localidad)	Table No. (Cuadro No.)	Page No. (Pag. No.)
ELVT 18A	Reunión, Mon Caprice	215–EV–81	279
ELVT 18B	Reunión, Mon Caprice	216–EV–81	280
	Paraguay, Capitán Miranda	217–EV–81	281
ELVT 20	Reunión, Mon Caprice	218–EV–81	282

INTERNATIONAL MAIZE TESTING PROGRAM

FINAL REPORT 1982

The 1982 Final Report of the CIMMYT International Maize Testing Program presents trial summaries for data received from February 16, 1983 to October 15, 1983. Data received after October 15, 1983 will be published in the 1983 Preliminary Report. This report is the second and final report for 1982 representing the final step in the cooperative testing effort between CIMMYT's maize improvement program and its worldwide network of cooperators. We at CIMMYT extend our thanks to all the cooperators who have made this report possible through their timely return of complete and accurate data; it is satisfying to note the immense value of this collaboration. The 1982 Final Report consists of a brief summary of the CIMMYT International Maize Testing Program, followed by a concise summary of 1982 trial shipments and trial results.

The CIMMYT International Maize Testing Program is part of a fully integrated system of maize germplasm development and evaluation. The program is successful because of substantial inputs both by the CIMMYT maize program and the many international cooperators in over 70 countries. CIMMYT is able to provide the resources necessary to ensure the steady and continuous operation of the breeding program. The cooperators provide testing locations that constitute a continuous series of variations of the major tropical and subtropical ecological zones for which this germplasm is targeted. The results of progeny and variety evaluation in these various environments guide the CIMMYT breeders in their choice of materials to be used for future cycles of selection, and to provide potentially useful varieties for the cooperators.

GERMPLASM IMPROVEMENT

The method of germplasm improvement used in the advanced unit is a modified full-sib recurrent selection procedure, as illustrated in Figure 1. One cycle of this procedure requires two years with two seasons in each year. This cycle is longer than that commonly used in most breeding programs; however, this is the minimal time required if data are to be received and utilized from International Progeny Testing Trials (IPTTs) grown at locations both north and south of the equator. If the standard recurrent full-sib selection procedure were used, no activity would be required at CIMMYT during the third season. Therefore, the procedure was modified to provide one season for within-family selection for the trait that has been determined to be most limiting for each population. Plants selected from the within-family selection provide seed that is used in the fourth step, recombination of selected families. The net result of this system is a major gain in adaptation and improved agronomic characters based on results of the IPTT system as well as some improvement of the most limiting character of each population based on selections made in the nurseries at CIMMYT.

VARIETY FORMATION

Improvement of the population *per se* is one objective of the IPTT system. A second objective of the system is the production of Experimental Varieties (EVs) that can be used directly as varieties or indirectly as germplasm resources by the international cooperators. The information for the development of EVs comes from the cooperators growing the IPTT, either in the form of data that are used by the staff in Mexico to make selections, or in the form of a request from the cooperator to recombine specific families that have proven superior for a particular trait or general performance. The plants used to produce the EV are grown from reserve seed of the same source as was tested in the IPTTs. The EV is produced by crossing the families in all possible combinations (diallel) and, at harvest, combining equal portions of seed from each family. This bulk of seed is designated the F_1 seed of the EV. The F_1 seed is used to produce the F_2 seed by bulk pollinations. The F_2 seed is used to prepare trials and to fill seed requests from cooperators.

VARIETY EVALUATION

Once F_2 seed is available, EVs are assigned to the appropriate Experimental Variety Trials (EVTs). A second evaluation of the best performing varieties in each EVT is conducted with the Elite Variety Trials (ELVTs)to confirm that the EVs are superior performers and, therefore, are likely to be of particular interest to cooperators. The relationship of the various populations, EVTs, and ELVTs is illustrated in Figure 2. The International Maize Testing Program informs cooperators which trials will be available for a particular year and sends only those trials to cooperators that are requested.

TRIAL SHIPMENTS AND DATA RECOVERY

Progeny and variety trials were shipped to 72 contries in 1982. A list of locations is provided for progeny trials in Text Table 1 and for variety trials in Text Table 2. Descriptions of the various populations used to produce the progenies and/or EVs are provided in Text Table 3. Text Table 4 contains a description of the plant characters for which data were taken and the abbreviations used for these characters. A summary of the trials sent, percent to each geographic area, percent recovery of data for the Preliminary and Final Reports, and total recovery for each geographic area are reported in Text Table 5. The largest recipients of trials were Sub-Saharan Africa with 32 percent and Central and North America with 25 percent of the total trials. The data in the table clearly illustrate that trials grown in Central and North America, the Caribbean, Europe, and West Africa are predominantly reported in the Preliminary Report. On the other hand, the data from South America and North Africa and the Near East, Eastern and Southern Africa are mostly reported in the Final Report. The remaining areas are reported in substantial part in both the Preliminary and the Final Report. The 62 percent recovery attained at this time conforms to patterns noticed in previous years.

IPTT SUMMARY

A summary of the IPTTs sent and data received is presented below.

Number of IPTTs sent	65
Number of sets of data received	57
Number of above not used	3
Number of trials lost	2
Number of trials with no information	5

The status of 59 (91 percent) of the IPTTs is known. Usable data were recovered from 54 of the trials sent (83 percent). A summary of the quality of the data received is provided in Text Table 6 and Figure 3. Text Table 6 gives the distribution of coefficients of variation (CV) and relative efficiency (RE) of the lattice design over that of a randomized blocks design. CVs of 20 percent or less are considered good with CVs of 10 percent or less considered excellent. CVs of 21 to 25 percent are considered acceptable. An RE of 100 indicates that the statistical value of the lattice design was the same as that of a randomized block design, while values greater than 100 indicate that the lattice design was more efficient. REs of 125 or greater indicate that the lattice design was of significant benefit. Text Table 6 indicates that 45 of the 57 sets of data were good or excellent as judged by the CV and that 8 of the data sets were considered acceptable. EVs were developed based on data of all of these trials. No EVs were selected using data for the three trials that had CVs above 31 percent. However, an EV based on a visual selection was requested by one of the cooperators. The use of the lattice design was of significant value in at least 12 of the locations as judged by the values of the REs.

Another basis for evaluating the quality of the data is the average yield achieved. The average trial yields (tons/ha) are presented in Figure 3. A greater number of trials had mean yields below 5 tons/ha than in 1981. The lower yields were largely a reflection of difficult moisture conditions experienced by a number of locations. However, 31 of the trials achieved yields of 5 tons/ha or better. The fact that over half of the trials attained such high yield levels is a tribute to the superiority of the germplasm and the excellent management provided by the cooperators.

VARIETY TRIAL SUMMARY

An overall summary of trial performance is provided by the histograms in Figures 4 and 5. The category of 3 to 5 tons/ha (Figure 4) contained the greatest percentage of sites for each of the 9 trials. Three of the trials, EVT 12, 16A and 16B, were noteworthy. Each trial had more than 20 percent of the total locations in the 6 ton/ha or above category. Two trials, EVT 16A and 16B were grown primarily in subtropical or highland tropical areas where moisture and temperature are less likely to be significant constraints to high yields than in the lowland tropical areas where EVT 12 was principally grown.

The quality of the trials as measured by the coefficients of variation was also very acceptable (Figure 5). The CVs were divided into three classes for each trial. Those trials with CVs of 20 percent or less were considered acceptable, while those trials with CVs of 21-30 percent were considered marginal, and trials with CVs of 31 percent or greater were considered of little value. At least three quarters of the sites were acceptable for each trial. Thus, variety trial data were exceptionally good in 1982.

The variety trials that were grown in 1982 consisted of two of the types of trials that CIMMYT normally distributes: that is, Quality Protein Maize Trials (QPMTs), and Experimental Variety Trials (EVTs). The QPMT is a trial designed to evaluate Quality Protein Maize (QPM) materials for general adaptation. The materials tested were recombinations of visually selected families of semi-refined breeding populations; most of the entries were not varieties developed in the same manner as normal EVs.

No Elite Variety Trials (ELVTs) were grown in 1982. CIMMYT decided, in 1980, that starting in 1981 all EVTs as well as all ELVTs would be prepared from F_2 seed (see explanation above). EVTs that would have been grown in 1981 using F_1 seed (old system) were delayed one year while the F_1 seed was advanced to F_2. Thus, it was not possible to select varieties to form ELVTs in 1982. EVTs and ELVTs will both be available for testing from the 1983 season onwards when we will be fully functional in the new system.

VARIETY COMPARISON

The researcher often wants to compare the yields of two varieties to decide which is better yielding. Such a varietal comparison can be made only if the plant stands of the two varieties are similar. If plant stands are not similar, yield differences observed will reflect not only genotype differences, but also differences in plant stands. In a number of cases, plant stands of local check varieties were poor.

An analysis of the trials that had similar plant stands was conducted to determine the number of locations where the best EV yield was equal to or better than that of the best check variety. The results of this exercise are presented for the three groupings: 1) all of the trials, 2) all normal variety trials, and 3) all QPM trials. The results of this analysis are presented in Text Table 7. Similar results were reported last year.

Inspection of Text Table 7 indicates that the experimental varieties performed reasonably better in the trials reported in the Preliminary Report than in the trials reported in the Final Report. A check of Text Table 5 shows that there are major differences in the regions where these trials were conducted and that the majority of the trials reported in the Preliminary Report came from Central America and West Africa, while the majority of the trials in the Final Report came from Eastern and Southern Africa and South America. The trend was consistent for both QPM and normal maize varieties. The performances of the normal EVs reported in the Preliminary Report were more often than not equal or superior to the best local check variety. This high level of performance reflects a longer history of improvement work that has been carried out in environments similar to those found in Central America and the savannah areas of West Africa. Further improvement of the populations, via the IPTT system, in the southern hemisphere should result in improved populations that will produce better adapted, higher performing EVs. These EVs should produce results similar to those now reported for the northern hemisphere. In a similar manner, QPM populations improved via the IPTT system should provide improved populations that will produce more widely adapted and higher yielding EVs. Such results will only be possible with the continued and sustained input of the international cooperators.

The EVs in EVTs 12 to 16B are all new and are being tested for the first time. EVT 6, a special trial grown in 1982, contained varieties that had been developed for resistance to Downy Mildew [*Peronosclerospora* spp. (*Sclerospora spp.*)] a maize disease common to many lowland tropical areas. Some general comments on performance of materials in individual trials are given below:

EVT 06. The entries in this trial are composed of EVs from three populations developed for Downy Mildew resistance. Downy Mildew was not a problem at most sites where the trial was grown and, as a result, the reference entry was the most productive. However, at the four sites where Downy Mildew was severe, the new EVs out-produced the reference entry by 15 to 80 percent. The results indicate that CIMMYT now has agronomically acceptable Downy Mildew-resistant EVs.

QPMT 11B. The entries in this trial were composed of new EVs from population 41 and three advanced breeding materials. The two best performing EVs, Across 7941 and La Platina 7941, were slightly lower yielding than the best reference entry. Pool 34 QPM (RSF) was the best performing breeding material.

EVT 12. The entries in this trial are composed of new EVs from populations 22, 43, 21, 29 and 25. The The population 22 and 43 EVs were generally the best performers followed by EVs from 21 and 29. Population 25 was represented by one EV, Across 7925, which was the lowest yielding entry. Three 8022 EVs [Poza Rica, Guaymas (1), and Ferke (1)] demonstrated slightly higher yields than the best reference entry, Across 7622. Superior performing EVs from other populations were: Across 8043, San Andres 8043, Across 7921 and Across 7929.

EVT 13. The entries in this trial were composed of new EVs from populations 28, 36, 27 and 24. EVs from population 28 and 36 were generally higher yielding than EVs from population 27. The EVs from population 24 were generally the lowest yielding. No great differences were noted in maturity or plant height; however, the notable difference between populations 28 and 36 and population 27 is grain type. Populations 28 and 36 are dents while population 27 is flint. There is a marked difference in yield between the dent and flint varieties. The relatively higher yielding ability of dents is a well documented fact.

EVT 14A. The EVs tested in this trial were developed from populations 26, 35, and 31. The new EVs representing those populations were ranked in that order by yield. The new EVs were generally better performers than the reference entries. Across 7926, Piura (1) 7926, Poza Rica 8035, Islamabad 8035, Sete Lagoas 7931, and Across 7931 are all examples of excellent new intermediate maturity EVs.

EVT 14B. The EVs tested in this trial were developed from populations 23, 32, 49 and 30. The EVs were divided into two groups by days to flowering with the 23 and 32 EVs being 3 to 5 days later than the 49 and 30 EVs. The yield performance of the 23 and 32 EVs was accordingly higher. Across 8023, Maracay 8023, Poza Rica 8032, Alajuela 8032, México 8049, Across 7930 and Ilonga (1) 7930 were new EVs of interest.

EVT 15A. The EVs tested in this trial were developed from populations 40, 39, and 38. The EVs ranked in that order by yield. Across 7940 performed slightly better than the reference entry 7740. Across 8039 was the best performing new selection from population 39.

EVT 16A. The EVs tested in this trial were developed from populations 45, 33, 48 and 46; the yield ranking of the EVs followed that order. The higher yielding varieties were slightly taller and later to flower. Three of the 8045 EVs (Across, Antalya, and Tlaltizapan) were slightly higher yielding than the reference entry, Across 7845. The Tlaltizapan selections from population 33 and 48, as well as Chuquisaca (1) 7845, and Quilamapu 7948 were above average performers for their respective populations.

EVT 16B. The EVs tested in this trial were developed from populations 34 and 47. The new EVs from both populations performed similarly. The two reference entries were the highest yielding EVs and were slightly taller and later than the new EVs. Gemeiza 8047, Swat 8047, Kaniama 7934 and Across 7934 were the better-performing new EVs.

INFORME FINAL DEL PROGRAMA DE ENSAYOS INTERNACIONALES DE MAIZ 1982

En este Informe Final del Programa de Ensayos Internacionales de Maíz, correspondiente a 1982, se presentan los resúmenes de los datos recibidos del 16 de febrero al 15 de octubre de 1983. Los datos recibidos después del 15 de octubre de 1983 serán publicados en el Informe Preliminar de 1983. El presente informe es el segundo y final de 1982, y representa la última etapa de los ensayos internacionales llevados a cabo en forma cooperativa entre el programa de mejoramiento de maíz y su red mundial de cooperadores. El CIMMYT agradece a todos los cooperadores, quienes han hecho posible este informe mediante el envío oportuno de datos completos y exactos. Es muy satisfactorio para nosotros hacer notar el inmenso valor de esta colaboración. El Informe Final de 1982 consiste en un breve resumen del Programa de Ensayos Internacionales de Maíz del CIMMYT, seguido de una evaluación concisa de los envíos de ensayos y los resultados de los mismos.

El programa de Ensayos Internacionales de Maíz del CIMMYT es parte de un sistema completamente integrado de desarrollo y evaluación de germoplasma de maíz. Es un programa exitoso debido a las importantes aportaciones realizadas tanto por el programa del CIMMYT como por muchos cooperadores internacionales en cerca de 70 países. El CIMMYT provee los recursos necesarios para asegurar el funcionamiento firme y contínuo del programa de mejoramiento y los cooperadores proporcionan localidades de prueba que posibilitan una serie contínua de variaciones de las principales zonas ecológicas tropicales y subtropicales para las cuales se ha creado este germoplasma. Los resultados de los ensayos de evaluación de variedades y progenies en estos diversos medios sirven de guía a los mejoradores del CIMMYT en su selección de materiales que serán utilizados en futuros ciclos de selección, a la vez que proporcionan variedades potencialmente útiles a los cooperadores.

MEJORAMIENTO DE GERMOPLASMA

El método de mejoramiento de germoplasma utilizado en la Unidad Avanzada es un procedimiento modificado de selección recurrente de hermanos completos, el cual se ilustra en la Figura 1. Un ciclo de este procedimiento requiere de dos años con dos estaciones cada año. Este ciclo de mejoramiento es más largo que el que se usa generalmente en la mayoría de los programas genotécnicos. Sin embargo, éste es el tiempo mínimo que se requiere para que los datos de los Ensayos Internacionales de Progenies (IPTTs) sembrados en localidades al norte y al sur del ecuador se reciban y utilicen en forma oportuna. Si se usara el procedimiento normal de selección recurrente de hermanos completos, no sería necesario desarrollar actividad alguna durante el tercer ciclo en el CIMMYT. Por lo tanto, el procedimiento fué modificado dejando un ciclo de cultivo para la selección intrafamiliar para la característica determinada como la limitante más importante en cada población. Las plantas seleccionadas provenientes de esta selección intrafamiliar proporcionarán semilla que será utilizada en la cuarta etapa, recombinación de familias seleccionadas. El resultado de este sistema es una mayor ganancia en adaptación y mejoramiento de caracteres agronómicos con base en los resultados del sistema IPTT, así como el mejoramiento de los caracteres más limitantes de cada población basada en la selección hecha en los ensayos del CIMMYT.

FORMACION DE VARIEDADES

El mejoramiento de la población *per se* es uno de los objetivos del sistema IPTT. Un segundo objetivo del sistema es la producción de variedades experimentales (EVs) que pueden ser utilizadas directamente como variedades o indirectamente como fuentes de germoplasma por los cooperadores internacionales. La información para el desarrollo de variedades experimentales proviene de los cooperadores que siembran el ensayo de progenie, ya sea en la forma de datos que utilizan el personal en México para hacer sus selecciones, o en la forma de una solicitud del cooperador para recombinar familias específicas que han demostrado ser superiores en una característica en particular o por su comportamiento en general. Las plantas que se usan para producir la variedad experimental se cultivan a partir de semillas de reserva de la misma procedencia, probada en los IPTT. La EV se produce mediante el cruzamiento de las familias en todas las combinaciones posibles (dialélicas) combinando al momento de la cosecha porciones iguales de semilla de cada familia. Esta mezcla de semilla se designa como semilla F_1 de la variedad experimental. La variedad experimental F_1 se usa para producir la semilla F_2 por polinización con mezcla de polen. La semilla F_2 se utiliza para preparar ensayos y responder a solicitudes de semilla por los cooperadores.

EVALUACION DE VARIEDADES

Una vez que se dispone de esta variedad, las EV se asignan a los Ensayos de Variedades Experimentales (EVT) correspondientes. Se realiza una segunda evaluación de las variedades que demuestran mejor comportamiento en cada EVT con los Ensayos de Variedades Elite (ELVT), para confirmar que las EV tienen comportamientos superiores, y por lo tanto puedan resultar de interés para los cooperadores. En la Figura 2 se ilustra la relación de diferentes poblaciones en EVT y ELVT. El Programa de Ensayos Internacionales de Maíz informa a sus cooperadores acerca de cuales ensayos estarán disponibles en un año en particular y les envía sólo aquellos ensayos que ellos soliciten.

ENVIO DE ENSAYOS Y RECUPERACION DE DATOS

Los ensayos de progenie y de variedades fueron enviados a 72 países en 1982. En el Cuadro 1 del texto se proporciona una lista de localidades para ensayos de progenie; y en el Cuadro 2 del texto, para los ensayos de variedades. En el Cuadro 3 del texto se presentan descripciones de las poblaciones utilizadas para producir las progenies y/o variedades. El Cuadro 4 contiene una descripción de los caracteres de la planta para los cuales se obtuvieron los datos y las abreviaturas para estos caracteres. El Cuadro 5 del texto contiene un resumen de los ensayos enviados, el porcentaje de cada area geográfica, el porcentaje de recuperación de datos para el Informe Preliminar y para el Informe Final, así como la recuperación total de cada área geográfica. Los países que recibieron mayor cantidad de ensayos fueron Africa al sur del Sahara, con 32 porciento, y América Central y América del Norte con 25 porciento del total de los ensayos. Los datos proporcionados en el cuadro ilustran claramente que los ensayos sembrados en América Central y América del Norte, el Caribe, Europa, y Africa Occidental han sido publicados predominantemente en el Reporte Preliminar. Por otra parte, los datos de América del Sur, Africa del Norte y Cercano Oriente; Africa del Sur y Oriental, se presentan principalmente en el Reporte Final. Las áreas restantes se publican tanto en el Informe Preliminar como en el Informe Final. El 62 porciento de recuperación de datos hasta este momento coincide con lo obtenido en años anteriores.

RESUMEN DE LOS IPTT

Se presenta a continuación un resúmen de los IPTT enviados y de los datos recibidos:

Número de los IPTT enviados	67
Número de juegos de datos recibidos	57
Número de IPTT no usados	3
Número de ensayos perdidos	2
Número de ensayos sin información	6

Se conoce el estatus de 59 (91 porciento) de los IPTT. Se recuperaron datos útiles de 54 de los ensayos enviados (83 porciento). En el Cuadro 6 del texto y en la Figura 3 se presenta un resumen de la calidad de los datos recibidos. El Cuadro 6 del texto proporciona la distribución de coeficientes de variación (CV) y la eficiencia relativa (RE) del diseño de látice sobre el de bloques al azar. Se consideran buenos los coeficientes de variación de 20 porciento o menos y los de 10 porciento son considerados excelentes. CV de 21 a 25 porciento se consideran aceptables. Un RE de 100 indica que el valor estadístico del diseño de látice fue el mismo del diseño de bloques al azar, mientras que valores mayores de 100 indican que el diseño de látice fue más eficiente. RE de 125 o mayor indican que el diseño de látice es considerablemente beneficioso. El Cuadro 6 del texto indica que 45 de los 57 juegos de datos fueron buenos o excelentes si se juzgan por los coeficientes de variación y que 8 de los juegos de datos fueron considerados como aceptables. Se desarrollan EV con base en los datos de todos estos ensayos. No se seleccionó ninguna variedad experimental con base en los datos de los tres ensayos que tuvieron coeficiente de variación sobre 31 porciento. Sin embargo, se solicitó por parte de uno de los cooperadores una variedad experimental basada en la selección visual. El uso del diseño de látice fue de valor significativo en al menos 12 de las localidades a juzgar por los valores de eficiencia relativa.

Otra base para evaluar la calidad de los datos es el rendimiento promedio logrado. Los rendimientos promedio de los ensayos (ton/ha) se presentan en la Figura 3. Un gran número de ensayos alcanzaron rendimientos de menos de 5 ton/ha que en 1981. Los rendimientos menores fueron en gran medida reflejo de condiciones de humedad difíciles experimentadas por varias localidades. Sin embargo,

31 de los ensayos obtuvieron rendimientos de 5 ton/ha o más. El hecho de que más de la mitad de los ensayos obtuvieran niveles tan altos de rendimiento es un tributo a la superioridad del germoplasma y al excelente manejo que proporcionaron los cooperadores.

RESUMEN DE LOS ENSAYOS DE VARIEDADES

En los histogramas de las Figuras 4 y 5, se proporciona un resumen general del comportamiento de los ensayos. La categoría de 3 a 5 ton/ha (Figura 4) contiene el mayor porcentaje de localidades por cada uno de los nueve ensayos. Tres de los ensayos, EVT 12, 16A y 16B, fueron notables. Cada ensayo tuvo más de 20 porciento del total de las localidades en la categoría de 6 ton/ha o más. Dos ensayos, EVT 16A y 16B fueron sembrados principalmente en áreas subtropicales o de trópico de altura, donde la humedad y la temperatura no son un factor limitante del rendimiento tan importante como en las áreas de trópicos bajos, donde se cultivó EVT 12.

La calidad de los ensayos medidos por los coeficientes de variación fue también muy aceptable (Figura 5). Los CV se dividieron en tres clases para cada ensayo. Aquellos ensayos con CV de 20 porciento o menores se consideraron aceptables, mientras que los coeficientes de variación de 21-30 porciento fueron considerados como marginales y los ensayos con CV de 31 porciento o más altos se consideraron de poco valor. Cuando menos, tres cuartas partes de los lugares donde se realizaron los ensayos fueron considerados aceptables. Por lo tanto, los datos de los ensayos de variedades fueron excepcionalmente buenos en 1982.

Los ensayos de variedades sembrados en 1982 fueron de dos tipos que normalmente distribuye el CIMMYT: Ensayos de Maíz de Calidad Proteínica (QPMT), y Ensayos de Variedades Experimentales (EVT). El QPMT es un ensayo diseñado para evaluar materiales de Maíz con Proteína de Alta Calidad (QPM) por su adaptación general. Los materiales probados fueron recombinaciones de familias seleccionadas visualmente de poblaciones mejoradas semi-refinadas, de las cuales la mayor parte no eran variedades desarrolladas de la misma manera que las variedades experimentales normales.

No se sembraron ensayos de variedades elite (ELVT) en 1982. El CIMMYT decidió en 1980 comenzar en 1981 todos los ensayos de variedades experimentales y de los ensayos de variedades elite con semilla F_2 (ver mayor información más adelante). Los ensayos de variedades experimentales sembradas en 1981 usando semilla F_1 (antiguo sistema) se retrasaron durante un año mientras que la semilla F_1 pasó a ser F_2. Por lo tanto no fué posible seleccionar variedades para formar ELVT en 1982. Tanto las EVT como ELVT estarán disponibles para ensayos a partir de la estación de 1983, cuando se estará funcionando completamente dentro del nuevo sistema.

COMPARACION DE VARIEDADES

El investigador desea a menudo comparar los rendimientos de dos variedades para decidir cuál es más rendidora. Tal comparación varietal puede ser hecha solamente si la densidad de población de las dos variedades es similar. Si no son similares, las diferencias observadas en cuanto al rendimiento reflejarán no sólo las diferencias genotípicas, sino también diferencias en las densidades de población. En algunos casos, la densidad de población de las variedades testigo locales fue deficiente.

Se llevó a cabo un análisis de los ensayos con densidades de población similares para determinar el número de localidades donde la mejor variedad experimental fué igual o mejor que la mejor variedad testigo local. Los resultados de este ejercicio se presentan para los tres agrupamientos: 1) todos los ensayos, 2) todos los ensayos de variedades normales, y 3) todos los ensayos QPM. Los resultados de este análisis son presentados en el Cuadro 7 del texto. Resultados similares fueron reportados el año anterior.

El análisis del Cuadro 7 del texto indica que las variedades experimentales se comportaron razonablemente mejor en los ensayos presentados en el Informe Preliminar que en los ensayos consignados en el Informe Final. Una revisión del Cuadro 5 del texto muestra que hay mayores diferencias en las regiones donde se realizaron estos ensayos, y que la mayoría de los ensayos presentados en el Informe Preliminar se realizaron en América Central y Africa Occidental, mientras que la mayoría de los presentados en el Informe Final provienen de Africa Oriental, la parte sur de Africa y América del Sur. La tendencia presentada fue consistente tanto para variedades de alta calidad proteínica como para variedades normales. El comportamiento de las variedades experimentales normales presentadas en el Informe Preliminar fué con mayor frecuencia igual o superior al de la variedad testigo local. Este alto nivel de comportamiento refleja una larga historia de trabajo de mejoramiento realizado en ambientes similares a los encontrados en Centroamérica y en las áreas de Savana de Africa Occidental. El mejoramiento adicional de las poblaciones mediante el sistema IPTT, en el hemisferio

sur dará como resultado poblaciones mejoradas que producirán variedades experimentales mejor adaptadas, con un comportamiento superior. Estas variedades experimentales producirán resultados similares a las reportadas para el hemisferio norte. De la misma manera, las variedades experimentales mejoradas mediante el sistema IPTT habrán de suministrar poblaciones mejoradas que produzcan variedades experimentales de mayor rendimiento y de más amplia adaptación. Tales resultados sólo serán posibles a través del insumo contínuo y sostenido de las colaboraciones internacionales.

Las variedades experimentales EVT 12 a 16B son todas nuevas y están siendo evaluadas por primera vez. EVT 6, es un ensayo especial sembrado en 1982, que contiene variedades desarrolladas por su resistencia al mildiú velloso [*Peronosclerospora* spp. (*Sclerospora* spp.)], una enfermedad común del maíz en muchas áreas de los trópicos bajos. A continuación se hacen algunos comentarios generales sobre el comportamiento de los materiales experimentales en ensayos particulares.

EVT 06. Los materiales de este ensayo están compuestos de EV provenientes de las poblaciones desarrolladas por su resistencia a mildiú velloso. El mildiú velloso no significó un problema en la mayoría de los lugares donde se sembró este ensayo, y como resultado el material de referencia fué muy productivo. Sin embargo, en los cuatro lugares donde el mildiú velloso se dió en forma severa, las nuevas variedades experimentales produjeron el material de referencia en un 15-80 porciento. Los resultados indican que el CIMMYT tiene ahora variedades experimentales agronómicamente aceptables que presentan resistencia al mildiú velloso.

QPMT 11B. Los materiales de este ensayo se formaron con variedades experimentales de la población 41 y tres materiales mejorados avanzados. Los dos que mostraron mejor comportamiento, Across 7941 y La Platina 7941, tuvieron un rendimiento ligeramente menor que la mejor entrada de referencia. Pool 34 QPM (RSF) fué el material mejorado que demostró un mejor comportamiento.

EVT 12. Los materiales de este ensayo se formaron con nuevas variedades experimentales provenientes de las poblaciones 22, 43, 21, 29 y 25. Las EV de las poblaciones 22 y 43 fueron generalmente las que mostraron un mejor comportamiento, seguidas por las EV de las poblaciones 21 y 29. La población 25 estuvo representada por una variedad experimental, Across 7925, la cual fué la entrada de menor rendimiento. Tres variedades experimentales 8022, [Poza Rica, Guaymas (1), y Ferke (1)] demostraron rendimientos ligeramente mayores que la mejor entrada de referencia, Across 7622. Las variedades experimentales que mostraron comportamientos superiores fueron: Across 8043, San Andres 8043, Across 7921 y Across 7929.

EVT 13. Las entradas de este ensayo estuvieron formadas con las poblaciones 28, 36, 27 y 24. Las variedades experimentales de las poblaciones 28 y 36 tuvieron generalmente un rendimiento ligeramente mayor que las EV de la población 27. Las variedades experimentales de la población 24 tuvieron generalmente un rendimiento menor. No se distinguieron grandes diferencias en madurez o altura de la planta; sin embargo, la diferencia notable entre las poblaciones 28, 36 y 27 resultó ser en el tipo de granos. Las poblaciones 28 y 36 son dentadas, mientras que la población 27 es cristalina. Hay una marcada diferencia en el rendimiento entre variedades dentadas y cristalinas. La habilidad de las variedades dentadas para lograr un mayor rendimiento relativo, ha sido un hecho bien documentado.

EVT 14A. Las variedades experimentales evaluadas en este ensayo fueron desarrolladas en base a las poblaciones 26, 35 y 31. Las nuevas variedades experimentales tuvieron generalmente un mejor comportamiento que las entradas de referencia. Across 7926, Piura (1) 7926, Poza Rica 8035, Islamabad 8035, Sete Lagoas 7931, y Across 7931 son buenos ejemplos de excelente madurez intermedia.

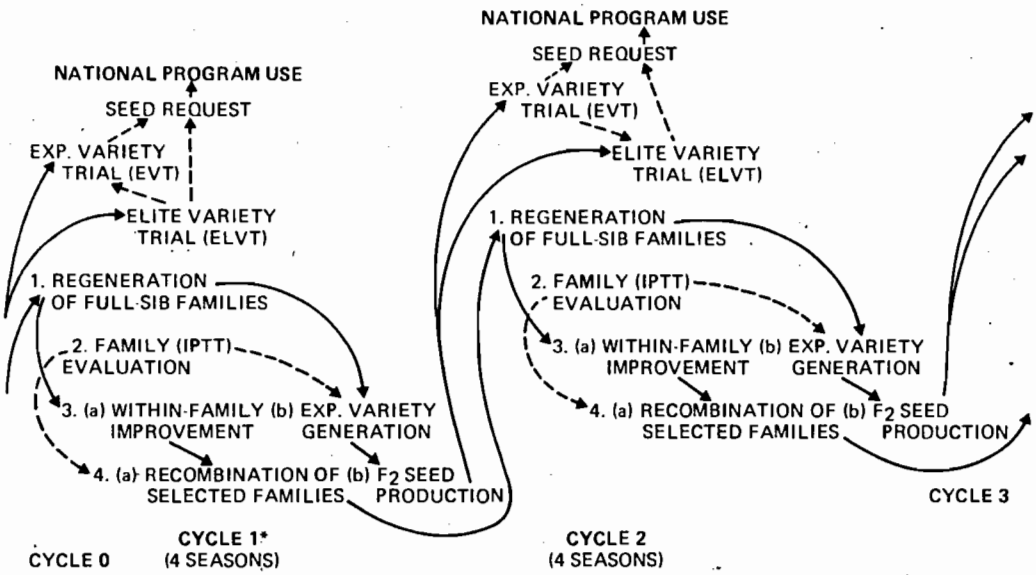
EVT 14B. Las EV evaluadas en este ensayo fueron desarrolladas de las poblaciones 23, 32, 49 y 30. Las variedades experimentales se dividieron en dos grupos según los días de floración, siendo las EV 23 y 32 de 3 a 5 días más tardías que las variedades experimentales 49 y 30. El rendimiento de las EV 23 y 32 fue por lo tanto mayor. Across 8023, Maracay 8023, Poza Rica 8032, Alajuela 8032, México 8049, Across 7930 e Ilonga (1) 7930 resultaron ser variedades de interés.

EVT 15A. Las EV evaluadas en este ensayo fueron las desarrolladas de poblaciones 40, 39 y 38. El comportamiento de dichas variedades experimentales en cuanto al rendimiento demostrado fué también en ese orden. Across 7940 tuvo un comportamiento ligeramente mejor que la entrada de referencia 7740. Across 8039 fué la variedad de mejor comportamiento de la población 39.

EVT 16A. Las variedades experimentales evaluadas en este ensayo fueron desarrolladas de las poblaciones 45, 33, 48 y 46 y el rendimiento de las variedades siguió ese orden. Las variedades de mayor rendimiento fueron ligeramente más altas y tardías en la floración. Tres de las variedades 8045 (Across, Antalya, y Tlaltizapán) tuvieron un rendimiento ligeramente mayor que la entrada de referencia, Across 7845. Las selecciones de Tlaltizapán de las poblaciones 33 y 48, al igual que Chuquisaca (1) 7845, y Quilamapu 7948 estuvieron por encima del promedio de comportamiento de sus poblaciones respectivas.

EVT 16B. Las variedades evaluadas en este ensayo fueron las desarrolladas a partir de las poblaciones 34 y 37. Las nuevas variedades provenientes de dichas poblaciones se comportaron de forma similar. Las dos entradas de referencia fueron las variedades experimentales de mayor rendimiento y fueron ligeramente más altas y tardías que las nuevas variedades experimentales. Gemeiza 8047, Swat 8047, Kaniama 7934 y Across 7934 fueron las variedades experimentales que tuvieron un mejor comportamiento.

Figure 1. Schematic of CIMMYT Advanced Unit Maize Breeding Program (2 cycles)

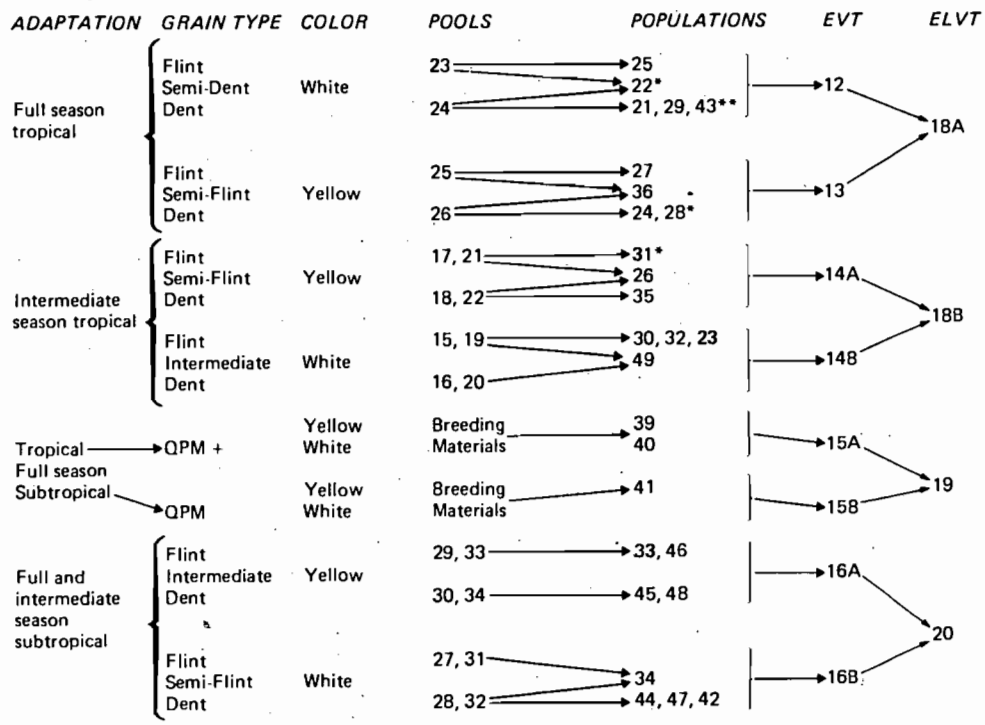


- DATA USED FROM PREVIOUS STEP TO MAKE DECISIONS FOR NEXT STEP.

– SEED FROM PREVIOUS SEASON IS USED TO PLANT NURSERY OR TRIALS IN THE NEXT SEASON; IN THE CASE OF A SEED REQUEST, F_2 SEED IS SENT.

* IN THIS SYSTEMA CYCLE REQUIRES FOUR SEASONS; IT IS ASSUMED THERE ARE TWO SEASONS IN A YEAR.

Figure 2. Relationship of Variety Trials, Populations, and Pools in CIMMYT's Maize Improvement Program



* At Farm Suwan (Thailand) for improvement of Downy Mildew Resistance
** At IITA for improvement of Streak resistance
\+ Quality Protein Maize (Hard Endosperm)

Figure 3. Histogram of 1982 International Progeny Testing Trial Mean Yields.

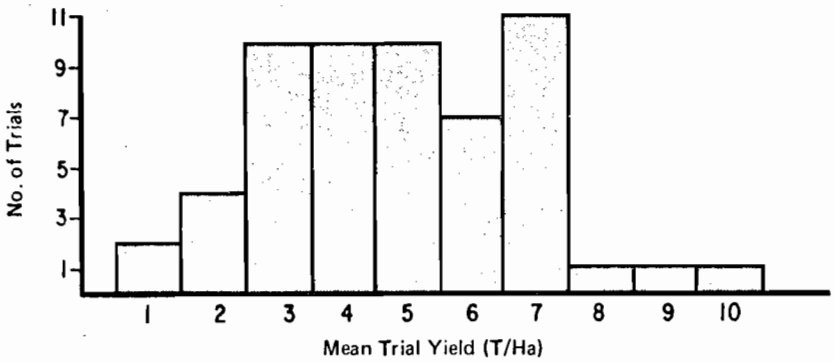


Figure 4. Histogram of Three Yield (T/Ha) Classes for the International Variety Trials Grown in 1982.

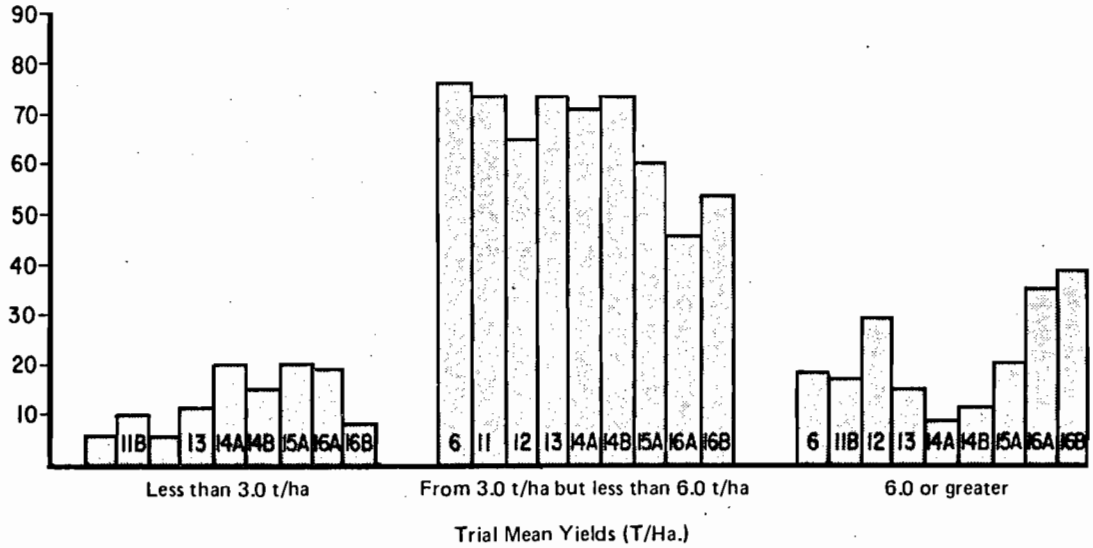
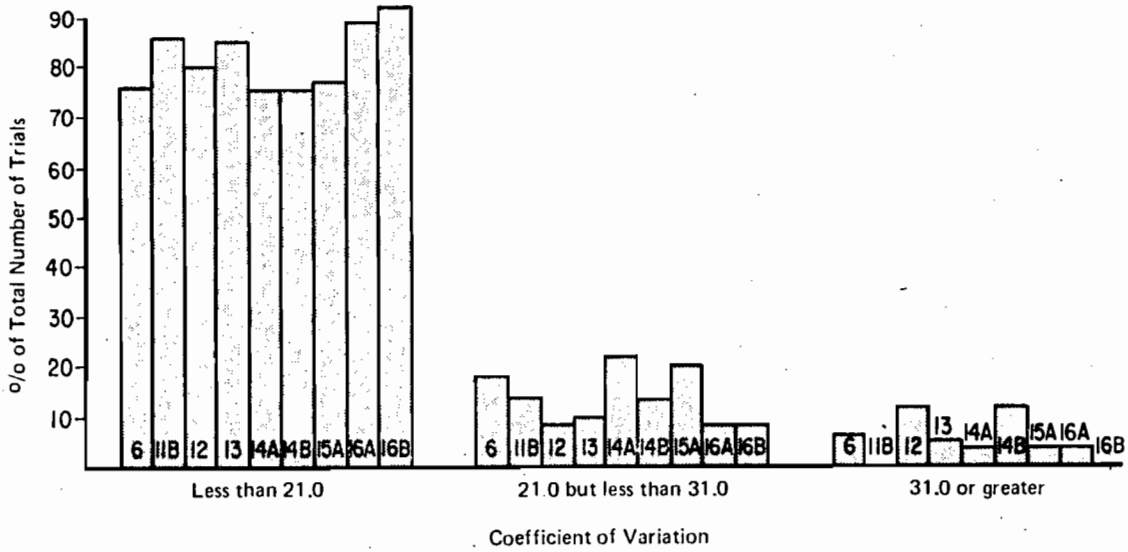


Figure 5. Histogram for Three Classes of CVs for the 9 International Experimental Variety Trials Grown in 1982.



TEXT TABLE 1. LOCATIONS OF THE 1982 INTERNATIONAL PROGENY TESTING TRIALS (IPTTs)
(LOCALIDADES DE LOS ENSAYOS INTERNACIONALES DE PROGENIES (IPTTs) DE 1982)

Trial No. / Ensayo No. / Country (País)	22	23	24	27	32	33	35	43	44	45	47	48	TOTAL
South America													
Bolivia						1				1			2
Brazil			1	1		1	1			1		1	6
Chile												1	1
Colombia		1			1								2
Ecuador			1	1									2
Peru			1				1						2
Venezuela	1												1
Central America & Caribbean													
Costa Rica	1			1									2
Guatemala					1								1
Honduras								1					1
Mexico		1	1	1	1	1	1		1	1	1	1	10
Nicaragua								1					1
Panama			1				1						2
Africa													
Egypt									1	1			2
Ivory Coast		1					1	1					3
Malawi									1				1
Nigeria		1						1					2
Rep. of South Africa						1					1		2
Zimbabwe	1							1	1				3
Asia													
India	1			1	1				1	1	1	1	7
Indonesia							1						1
Nepal						1							1
Pakistan										1	1	1	3
Philippines	1			1	1								3
Thailand	1		1					1					3
Turkey						1						1	2
Total	6	4	6	6	5	6	6	6	5	6	4	6	66

TEXT TABLE 2. INTERNATIONAL EXPERIMENTAL VARIETY TRIALS (EVT) AND ELITE VARIETY TRIALS (ELVT), 1982
(ENSAYOS INTERNACIONALES DE VARIEDADES EXPERIMENTALES (EVT) Y ENSAYOS DE VARIEDADES ELITE (ELVT), 1982)

Trial (Ensayo) No. Country (País)	EVT 06	QPMT 11B	EVT 12	EVT 13	EVT 14A	EVT 14B	EVT 15A	EVT 16A	EVT 16B	TOTAL
South America										
1. Argentina		1			1			2	1	5
2. Bolivia	1	1	1	2	1	1	3	2	1	13
3. Brazil		3	2	10	9	1		6	1	32
4. Chile		1						1		2
5. Colombia	1									1
6. Paraguay				1	1	1		1		4
7. Peru		2		2	2		2	2		10
8. Uruguay								1		1
9. Venezuela	1		2	1		1	2			7
Central America										
10. Belize		1	1	2	1		1			6
11. Costa Rica	1	1	2	2			1			7
12. El Salvador	2		3	1		1				7
13. Guatemala	3	1	3	2	2	2	1	1		15
14. Honduras	4	1	4	1	2	5	2			19
15. Nicaragua	3	3	3	3	1	1	1			15
16. Panama		2		5	5					12
Caribbean										
17. Bahamas		1	1							2
18. Barbados			2	2	2	1	2			9
19. Cuba				1	1		1			3
20. Jamaica				3	3		2			8
21. Dominican Republic		1			3		2			6
22. Mexico	1		12	6	4	14	2	7	7	53
Africa										
23. Algeria		1								1
24. Angola		1	1	2	1	2		2	2	11
25. Benin			1			2	1			4
26. Cameroon			2			3		4	1	10
27. Cape Verde		1			1	1				3
28. Congo		1	1			1	1			4
29. Egypt								1	1	2
30. Ghana			2	1	1					4
31. Guinea-Bissau			1		1	2	1			5
32. IvoryCoast	1				1	1				3
33. Kenya		1								1
34. Liberia			1	1	1	1	1			5
35. Libya								1	1	2
36. Malawi			3			3			3	9
37. Mali		1		2	2	1		1		7
38. Morocco		1						2	2	5
39. Mozambique	1	3	3	2	3	1	2	3		18
40. Nigeria	2		1	1	3	2	1			10
41. Rep. South Africa		1	1	1	1	1	1	1	1	8
42. Senegal		2	3	3	3	1	2			14
43. Somalia		1	1			1	1		1	5
44. Sudan		1			2	2				5
45. Swaziland			1			2			3	6
46. Tanzania		1	1			1	1		1	5
47. Togo			4	2	2	6				14
48. Transkei		1		1						2

TEXT TABLE 2. (con't.).

Trial (Ensayo) No. Country (País)	EVT 06	QPMT 11B	EVT 12	EVT 13	EVT 14A	EVT 14B	EVT 15A	EVT 16A	EVT 16B	TOTAL
49. Uganda		1	1	1	1	1	1		1	7
50. Upper Volta		1	1			1		1	1	5
51. Zaire	2	1	1			1			1	6
52. Zimbabwe		1	1			1	1	1	1	6
Asia										
53. Afghanistan								1		1
54. Bangladesh					4			4		8
55. Burma	1									1
56. India		1	2	2	2	1	1	2	2	13
57. Indonesia	2				2	2				6
58. Malaysia				3	3		1			7
59. Nepal	1	1				1	1	1	1	6
60. Pakistan		3			3	4	3	4	4	21
61. Philippines	3			1	2	2		1	1	10
62. Saudi Arabia				1	1			1		3
63. South Korea								1		1
64. Thailand	1	1	2	2	2	1	2			11
65. Turkey		2						4		6
66. Vietnam	2		5	5	3	3	2	2		22
67. Yemen A.R.				2	4					6
Others										
68. Germany			1			2				3
69. Greece								2		2
70. France			1		1					2
71. Tahiti				1						1
72. USA		1	1	1	2			1		6
TOTAL	32	47	79	79	89	85	45	62	42	560

TEXT TABLE 3
Description of Populations
(Descripción de Poblaciones

Population No., Name (Nombre)	Description (Descripción)
21 Tuxpeño 1	Adapted to tropical lowlands, white, dent grain, late maturity, excellent standability, and relatively short plant type. Fairly tolerant to most foliar diseases. Being improved for fall armyworm (*Spodoptera frugiperda*) resistance. Good performance in most tropical lowland areas. Adaptado al trópico bajo, con grano blanco dentado, madurez tardía, excelente vigor. Tipo de planta relativamente baja. Bastante tolerante a la mayoría de las enfermedades foliares. Se le está mejorando con respecto a resistencia al gusano soldado (*Spodoptera frugiperda*). Ha tenido buen comportamiento en la mayoría de las áreas tropicales bajas donde se le ha probado.
22 Mezcla Tropical Blanca	Lowland tropical with white, dent-semident grain, late maturity. Very broad genetic base with good performance in the tropical regions of Mexico, Central America, northern South America, East and West Africa, and India. Maíz blanco dentado y semidentado de zonas tropicales bajas con madurez tardía de amplia base genética, es apropiado para regiones tropicales de México, América Central, la parte Noroeste de Sur América, Este y Oeste de Africa e India.
23 Blanco Cristalino-1	Lowland tropical with white semiflint grain. Late to intermediate maturity, relatively short plant height. Has less foliage than many tropical materials. Suitable for the lowland tropics of Mexico, Central America, Northern South America, West Africa, and Southeast Asia. Maíz de grano blanco, casi cristalino, de zonas tropicales bajas. De madurez intermedia y planta relativamente baja. Tiene menos follaje que muchos materiales tropicales. Adecuado para zonas tropicales bajas de México, América Central, Oeste de Africa y Sureste de Asia.
24 Antigua Veracruz 181	Lowland tropical with yellow, semident grain. Intermediate plant height and maturity. Is being improved for fall armyworm (*Spodoptera frugiperda*) resistance. Good performance in lowland tropics of South America, Central America, Mexico, South East Africa, and Asia. Maíz de grano amarillo semi-dentado. Su madurez y altura de planta son intermedias. Está siendo mejorado para resistencia al gusano soldado (*Spodoptera frugiperda*). Muestra buen comportamiento en zonas tropicales bajas de Sur América, América Central, México, Sureste de Africa y Asia.

25 (MI x 1 - Col.Gpo 1) Eto

Adapted to lowland tropical and subtropical regions. White semiflint-to-dent grain, and late maturity. Being improved for stem borer (*Diatraea saccharalis*) resistance. Good performance in the tropical lowlands of Mexico, Africa, and parts of Asia.

Adaptado a regiones tropicales y subtropicales bajas. Con grano blanco semicristalino, a dentado; madurez tardía. Se le está mejorando con respecto a resistencia al gusano barrenador del tallo (*Diatraea saccharalis*). Ha mostrado buen comportamiento en regiones tropicales bajas de México, Africa y parte de Asia.

26 Mezcla Amarilla

For the lowland tropics, yellow, semiflint grain, intermediate maturity, and relatively short plants. Composed basically of Caribbean germplasm. Good performance in the tropical lowlands of South America and parts of Asia.

Para áreas tropicales bajas. Su grano es amarillo, semicristalino; madurez intermedia; plantas relativamente bajas. Básicamente se desarrolló a partir de germoplasma del Caribe. Buen comportamiento en regiones tropicales bajas de Sudáfrica y partes de Asia.

27 Amarillo Cristalino-1

Lowland tropical with yellow, flint grain. Mixture of ETO, Cuban Flint, and Tuxpeño germplasm. Intermediate plant size and medium to late maturity. Is being improved for borer (*Diatraea saccharalis*) resistance. Good performance in the following regions: lowland tropics of South America, Caribbean area, India, and Southeast Asia.

Maíz de grano amarillo y cristalino basado en germoplasma de ETO, Cubano Cristalino y Tuxpeño, de zonas tropicales bajas. Su altura de planta es intermedia y su madurez medianamente tardía. Está siendo mejorada para resistencia al barrenador (*Diatraea saccharalis*). Tiene buen comportamiento en las siguientes regiones: zonas tropicales de Sur América, el área del Caribe, India y Sureste de Asia.

28 Amarillo Dentado

Adapted to the lowland tropics, late maturity, relatively tall plants, and yellow, dent grain. Broad germplasm base; is a genetic mixture of Caribbean, Mexican, Central American, and Brazilian materials. High yields and good performance in the tropical lowlands of Mexico, Central America, South America, Africa, and parts of Asia.

Para áreas tropicales bajas; con grano amarillo dentado. Se trata de una mezcla genética de germoplasma Caribeño, Mexicano, Centroamericano y Brasileño y consecuentemente tiene una muy amplia base genética. Alto potencial de rendimiento, con buen comportamiento en regiones tropicales bajas de México, Centroamérica, Sudáfrica y partes de Asia.

29 Tuxpeño Caribe

For lowland tropics. Broad genetic base comprises Tuxpeño and Cuban Flint germplasm. White, dent grain, and late maturity. High yield potential demonstrated in Mexico, Central America, Egypt, and parts of Africa and Asia.

Para el trópico bajo; amplia base genética con germoplasma de Tuxpeño y de Cristalinos cubanos. Tiene grano blanco dentado; madurez tardía y alto potencial de rendimiento probado en zonas tropicales bajas de México, Centroamérica, partes de Asia, Africa y Egipto.

30 Blanco Cristalino-2

New population, white, flint-to-semiflint version of Amarillo Cristalino-2 (population 31). After 8 cycles of half-sib selection for earliness, 100 white-grained, full-sib progenies along with 150 full-sib progenies from Pool 15 constituted IPTT 30, 1979. Population adapted to tropical and subtropical areas, intermediate to early maturity and relatively short plants.
(Note: Population previously was Amarillo Dentado-1.)

Esta nueva población es la versión blanca de cristalino a semicristalino de Amarillo Cristalino-2 (Pob. 31). Después de 8 ciclos de recombinación y selección por precocidad 100 hermanos completos de grano blanco y 150 hermanos completos del complejo 15 de la Unidad de Apoyo, constituyeron el IPTT 30, 1979. Población adaptada a regiones tropicales y subtropicales, de madurez intermedia a precoz y plantas relativamente cortas.
(Nota: A esta población se le denominó anteriormente Amarillo Dentado 1).

31 Amarillo Cristalino-2

Population initiated in 1975A season and named "Selección Compuesto Precoz - Lote 81." Composed of early families from several tropical advanced populations and crosses of tropical x temperate materials. After 8 cycles of half-sib selection for earliness, 220 full-sibs were used for the development of 250 full-sib progenies for international testing. Population adapted to tropical and subtropical areas, yellow, flint-to-semiflint grain, intermediate to early maturity, and relatively short plants.

Esta población fué iniciada en el ciclo 1975A (bajo el nombre "Selección Compuesto Precoz - Lote 81") mediante el uso de familias precoces de varias poblaciones tropicales avanzadas y cruzas de materiales Tropicales x Templados. Después de 8 ciclos de recombinación y selección por precocidad, se seleccionaron 220 hermanos completos con el propósito de desarrollar 250 progenies para probarlas a nivel internacional. Población adaptada a regiones tropicales y subtropicales, de grano cristalino y semicristalino, madurez de intermedia a precoz y plantas relativamente cortas.

32 ETO Blanco

Suitable for lowland tropical and subtropical areas. Mixture of tropical and temperate germplasm. Intermediate to late maturity. White, hard, flint grain, and short plant type. Successfully grown in Andean Region below 1500 m, parts of West Africa, Egypt, India, Southeast Asia.

Adecuado para áreas bajas tropicales y subtropicales. Mezcla de germoplasma tropical y templado. Con madurez intermedia a tardía; tiene grano blanco, duro y cristalino. Planta baja. Adecuado para la Región Andina por abajo de 1500 m., partes del Oeste de Africa, Egipto, India y Sureste de Asia.

33 Amarillo Subtropical

This new, genetically broad-based population was formed from the best families of Pool 33, which has undergone HS improvement for eight cycles in Mexico. Intermediate subtropical-temperate yellow, flint, with medium to short plant height.

Esta nueva población de amplia base genética fué derivada de las mejores familias del "Pool 33", después de ocho ciclos de selección por medios hermanos en México. Amarillos cristalinos intermedios subtropical-templados, planta de mediana a corta altura.

34 Blanco Subtropical

Subtropical, broad genetic base including germplasm from Cuban Flints, ETO, Tuxpeño, Corn Belt Dent, India, and Nepal. Late maturity, semi-dent grain, relatively tall plants, high yield potential demonstrated in Pakistan, parts of India, South Brazil, and subtropical regions of Mexico.

Para áreas subtropicales; de amplia base genética, que incluye germoplasma de Cristalinos Cubanos, ETO, Tuxpeño, dentado de la faja maicera y materiales de India y Nepal. Madurez tardía, grano semidentado, plantas relativamente altas; alto potencial de rendimiento demostrado en Pakistán y partes de India, sur de Brasil y regiones subtropicales de México.

35 Antigua República Dominicana

Suitable for lowland tropical areas. Intermediate to early in maturity, with yellow, dent grain type. Short plant type with tolerance to stunt. Is being improved for better stalk quality and standability. Performs well in the following regions: Mexico, Central America, Caribbean, and lowland tropical regions of South America, West Africa, parts of South Africa, Pakistan, India, and South East Africa.

Adecuado para áreas tropicales bajas, con madurez de intermedia a precoz, tiene grano amarillo dentado. Tipo de planta corta con tolerancia a achaparramiento. Está siendo mejorada por mejores tallos y estabilidad. En las siguientes regiones tiene buen comportamiento. Oeste de Africa, zonas tropicales bajas de México, Centro América, Caribe, Sur América, Pakistan, India y Sureste de Africa.

36 Cogollero

Lowland tropical and subtropical, yellow-reddish, semiflint-to-semident grain, intermediate to late maturity, tall plants. A broad genetic base derived from Caribbean Composite. New germplasm added from Pools 22 and 26. Good performance in Central America, lowland South America, and parts of Africa.

Para áreas tropicales y subtropicales bajas; con grano amarillo rojizo, de semicristalino a semidentado; madurez intermedia a tardía; plantas altas. Base genética amplia derivada de Compuesto del Caribe. Se ha añadido nuevo germoplasma de los complejos 22 y 26 de la Unidad de Apoyo. Buen comportamiento en Centroamérica, zonas bajas de Sudamérica y partes de Asia.

39 Yellow QPM

Lowland tropical and subtropical, yellow semiflint, intermediate in maturity and plant height. A broad genetic base material. Levels of protein and tryptophan and lysine in the protein whole grain analysis, on the modified version (hard endosperm), are 9.4%, 0.8% and 4.7%, respectively. Good yield potential. Tolerant to common foliar diseases.

Maíz de grano amarillo semi-cristalino de zonas bajas tropicales y subtropicales. Su madurez y altura de planta son intermedias. Es un material de amplia base genética; sus niveles de proteína total y de triptófano y lisina en la proteína en el grano entero, estimados para la versión modificada (endospermo duro) son de: 9.4%. 0.8% y 4.7% respectivamente. Tiene un buen potencial de rendimiento. Es tolerante a las enfermedades foliares comunes.

40 White QPM

Lowland tropical and subtropical, white, semiflint grain, intermediate in maturity and plant height. A broad genetic base material. Levels of protein and tryptophan and lysine in the protein whole grain analysis, on the modified version (hard endosperm), are 9.5%, 0.98%, and 3.8%, respectively. Good performance in West Africa, Mexican lowlands, and parts of Central America.

Maíz de grano blanco semicristalino de zonas bajas tropicales y subtropicales. Su madurez y altura de planta son intermedias. Tiene una amplia base genética. Sus niveles de proteína total y triptofano y lisina en la proteína en el análisis de grano entero, en la versión modificada (endospermo duro) son: 9.5%, 0.98% y 3.8% respectivamente. Mostró buen comportamiento en Africa Occidental, zonas bajas de México y partes de Centroamérica.

41 Templado Amarillo QPM

Developed by pooling hard endosperm opaque-2 versions of different temperate and subtropical materials. Undergone four cycles of genetic mixing in a half-sib manner. Has 30-40% temperate germplasm and 60-70% tropical germplasm. Good yield potential, medium plant height and late to intermediate maturity. Carries excellent modifiers of opaque-2 locus for kernel hardness and has almost double the levels of lysine and tryptophan in protein in the whole grain. Suitable for subtropical-temperate regions of Nepal, India, Pakistan, Central America, South America, and Mexico.

Desarrollado mediante la conjunción de versiones opaco-2 de endospermo duro de diferentes tipos de materiales de zonas templadas y subtropicales. Se le ha sometido a cuatro ciclos de mezcla genética de medios hermanos. Este material tiene de 30 a 40% de germoplasma templado y 60 a 70% de germoplasma tropical. Posee buen potencial de rendimiento, plantas de altura intermedia y madurez tardía a intermedia. Lleva excelentes modificadores de locus opaco-2 para dureza de grano y contiene casi el doble de los niveles de lisina y triptófano en la proteína en el grano completo. Adecuado para regiones templadas de Nepal, India, Paquistán, Centroamérica, Sudamérica y México.

42 ETO Illinois

Advanced generation of short plant selected ETO with Illinois stocks. Is segregating for resistance (major genes) to *Puccinia polysora* and *H. turcicum*. Subtropical to cooler areas.

Generación avanzada de ETO seleccionado con respecto a planta baja con materiales de Illinois. Segrega para resistencia (genes mayores) a *Puccinia polysora* y *H. turcicum*. De zonas subtropicales a más frescas.

43 La Posta

A tropical, lowland, white, dent Tuxpeño synthetic. Fairly tall and late. Subjected to only two cycles of selection for shorter plants. Large and vigorous plants.

Sintético Tuxpeño de grano blanco dentado, de zonas tropicales bajas. Un tanto alto y tardío. Ha estado sujeto a sólo dos ciclos de selección para planta baja. Es de plantas grandes y vigorosas.

44 AED Tuxpeño

Advanced generation of American Early (from Egypt) with short plant Tuxpeño material. Fairly tall, late, white, dent. Quite susceptible to leaf diseases, ear rots, etc., but capable of very high yields under favorable conditions.

Generación avanzada del maíz American Early (de Egipto) con material de Tuxpeño planta baja. Tiene grano blanco dentado. Es un tanto alto y tardío. Más bien susceptible a las enfermedades foliares, pudrición de la mazorca, etc., pero, bajo condiciones favorables, tiene una alta capacidad de rendimiento bajo condiciones favorables.

45 Amarillo Bajío

Subtropical-temperate, intermediate maturity, yellow, dent grain. Broad germplasm base, derived from crosses among lowland tropical maize types from Mexico and the Caribbean Islands and Corn Belt dents from USA.

Población amarilla dentada de ciclo intermedio para zonas subtropicales templadas. Amplia base de germoplasma, derivada de cruzas entre tipos de maíz tropical de las áreas bajas de México y las Islas del Caribe y dentados de la faja maicera de EUA.

46 Templado Amarillo Cristalino

A new population with a wide genetic base, early maturity, and yellow, flint grain, that is adapted to subtropical-temperate areas. Full-sib selection was initiated and continued for four cycles to improve uniformity for plant type, maturity, and other characters. In order to maximize yield potential of this early short plant type population, the plant density should be about 60,000 plants/ha. Emphasis is on stalk rot resistance.

Una nueva población de amplia base genética, con madurez precoz, y grano amarillo cristalino que está siendo adaptada a áreas subtropicales-templadas. Una selección de hermanos completos fue iniciada y continuada por cuatro ciclos para mejorar uniformidad al tipo de planta, madurez y otras características. Con el objeto de maximizar el potencial de rendimiento de esta población de tipo de planta corta precoz, la densidad de la planta debe ser alrededor de 60,000 plantas/ha. Se hace énfasis en la resistencia a la pudrición de tallo.

47 Templado Blanco Dentado

This new population was formed from the best families from Pool 32 which has undergone eight cycles of HS improvement in Mexico. The germplasm base is temperate/subtropical white, intermediate dents. Short plant types with high yield.

Esta nueva población fué formada con las mejores familias del "Pool 32" después de ocho ciclos de mejoramiento de medios hermanos en México. La base del germoplasma son blancos intermedios dentados templados/subtropicales. Tipos de planta corta con un alto rendimiento.

48 Compuesto de Hungría

Essentially Central, US Corn Belt type material with a mixture of southern European germplasm. Yellow, dent grain with early maturity. Good yield potential in temperate regions.

Material esencialmente de la parte central de la faja maicera de los EUA, con mezcla de germoplasma del sur de Europa. De grano amarillo dentado y madurez precoz. Tiene buen potencial de rendimiento en regiones templadas.

49 Blanco Dentado-2

White dent grain, intermediate maturity and adapted to the lowland tropical-subtropical areas. As a result of several cycles of selection, plant height has been considerably reduced and the population made earlier compared to the genetically related population Tuxpeño 1 (Pop. 21). In order to maximize yield potential of this early, short plant type population, the plant density should be about 60,000 plts/ha.

Grano dentado blanco, madurez intermedia y adaptado a áreas bajas tropicales-subtropicales. Como resultado de varios ciclos de selección, la altura de planta ha sido considerablemente reducida y la población fue precoz comparada a la población Tuxpeño 1 (Pop. 21) genéticamente emparentada. Con el objeto de maximizar el potencial de rendimiento de esta población de tipo de planta corta precoz, la densidad de la planta debe ser alrededor de 60,000 plantas/ha. Se hace énfasis en la resistencia a la pudrición de tallo.

TEXT TABLE 4
Characters and Abbreviations in the Data Tables
(Características y Abreviaturas de Datos de los Cuadros)

The characters as reported in the tables are given in parentheses.

(Según se dan en los cuadros, los caracteres están en paréntesis).

(1)	Yield (kg/ha):	In kilograms per hectare corrected to 15%/o moisture when grain moisture is reported. A shelling percentage of 80%/o is assumed when yield is reported as ear weight.
	Rendimiento:	En kilos por hectárea a 15%/o de humedad cuando se informa del contenido de humedad y un porcentaje de 80%/o desgranado, cuando se informa del rendimiento como peso de la mazorca.
(2)	Rank (Rank):	The numerical position of the progeny when yields are arranged from highest to lowest.
	Rango:	Corresponde a la posición numérica de la progenie cuando los rendimientos se ordenan de manera decreciente.
(3)	Days to Silk (Days Silk):	The number of days to when 50%/o of plants have silks. Data rounded to whole numbers.
	Días a floración:	El número de días en que el 50%/o de las plantas tiene estigmas. Datos proporcionados en números redondos.
(4)	Plant Height (Plnt.Ht):	Average height of plants, in centimeters, as measured from the base of the plant to where tassel branching begins. Data presented in whole numbers.
	Altura de planta:	Altura media de plantas, en centímetros, medida de la base de la planta al comienzo de la ramificación de la espiga. Datos presentados en números redondos.
(5)	Ear Height (Ear Ht):	Average height of the ears, in centimeters, from the base of the plant to the node bearing the upper ear. Data reported in whole numbers.
	Altura de mazorca:	Altura media de las mazorcas, en cm de la base de la planta al nudo que porta la mazorca más alta. Datos presentados en números redondos.
(6)	Stem Lodging (Stem Lodg):	The percentage of plants that are stalk lodged. Data reported to one decimal place.
	Acame de tallo:	Porcentaje de plantas cuyo tallo se cae. Datos reportados en número entero con un decimal.

(7)	Root Lodging (Root Ldg):	The percentage of plants that are root lodged. Data presented to one decimal place.
	Acame de raíz:	Porcentaje de plantas acamadas desde la raíz. Datos presentados en número entero con un decimal.
(8)	o/o Ear Rot (o/o Ear Rot):	The percentage of ears affected by ear rots. Data presented to one decimal place.
	o/o Pudrición de mazorcas:	Porcentaje de mazorcas afectadas por pudrición. Datos presentados con un número decimal.
	Ear Rot:	Scored from 1 to 5. A score of 1.0 indicates the ears have no ear rot, while 5.0 indicates the ears are heavily rotted.
	Pudrición de mazorcas:	Calificado en escala de 1 a 5. Una calificación de 1.0 indica que no hubo pudrición de mazorcas, mientras que una calificación de 5.0 indica severa pudrición de mazorcas.
(9)	Ear Aspect (Ear Aspct):	Scored on the basis of 1 to 5. A score of 1.0 indicates that the harvested ears are free from disease and insect damage, ear size is uniform, grain filling good, etc. A score of 5.0 indicates that ears are poor on the basis of this evaluation. Data presented to one decimal place.
	Aspecto de las mazorcas:	Calificado en escala de 1 a 5. Una calificación de 1.0 indica que las mazorcas cosechadas estuvieron libres de enfermedades y de insectos, que el tamaño fué uniforme, buen llenado de grano, etc. Una calificación de 5 indica que las mazorcas fueron deficientes según esta evaluación. Datos presentados en número entero con un decimal.
(10)	Endosperm Hardness (Endo Hard):	Only reported for QPM material trials. Scored on the basis of 1 to 5. A score of 1.0 indicates ears have hard grains; a score of 5.0 indicates soft grains. Data presented to one decimal place.
	Dureza del endospermo:	Datos indicados para ensayos de materiales opacos. Calificación sobre escala de 1 a 5. Una calificación de 1 indica que las mazorcas tienen granos duros; una calificación de 5 indica granos suaves. Datos presentados en número entero con un decimal.
(11)	Husk cover (Husk cover):	Scored on the basis of 1 to 5. A score of 1.0 indicates good husk cover. A score of 5.0 indicates poor husk cover.
	Percent Bad Husk Cover(o/o Bad H.C.):	The number of ears with poor husk cover expressed as percent of total ears harvested.
	Cubrimiento de mazorca:	Calificada en escala de 1 a 5. Uno indica cubrimiento bueno. Cinco indica cubrimiento malo.
	Porcentaje de mal cubrimiento de mazorca:	El número de plantas con mal cubrimiento de mazorca calculado en porcentaje del total de plantas cosechadas.

(12) Plants Harvested (Plants Harv): Total number of plants harvested per plot.

Plantas cosechadas: Número total de plantas cosechadas por parcela.

(13) Percent Moisture (Moist o/o): Percent moisture in the grain at harvest.

Porcentaje de humedad: Porcentaje de humedad en los granos al cosecharse.

(14) Diseases and Pests:
Enfermedades y plagas:

Helminthosporium maydis	(Helm mayd)
Helminthosporium turcicum	(Helm turc)
Helminthosporium	(Helm)
Puccinia polysora	(Pucc poly)
Puccinia sorghi	(Pucc sorg)
Puccinia	(Pucc)
Physopella	(Physo)
Curvularia	(Curv)
Phyllachora	(Phyll)
Physoderma	(Phys)
Virus	(Virus)
Cephalosporium	(Ceph)
Sclerophthora rayssiae	(Scler ray)
Leaf disease (Enfermedad Foliar)	(Lf Dis)
Spodoptera	(Spodo)
Borer (Horadador)	(Borer)
Aphid (Aphis)	(Aphid)
Heliothis	(Helio)

Above diseases/pests scored on the scale of 1 to 5. A score of 1.0 indicates free from disease, and 5.0 indicates very heavily infested/infected. Data presented to one decimal place.

Las enfermedades se calificaron sobre una escala de 1 a 5. Una calificación de 1.0 indica libre de enfermedades, un 5.0 indica fuerte infestación/infección. Datos presentados con un número de decimal.

Bacteria (Bact)
Stalk rot (Stalk rot)
Stunt (Stunt)
Streak (Streak)
Downy Mildew (D.M.)
Borer (Borer)

The percentage of plants affected by disease-pest. Data presented to one decimal place.

Bacterias
Pudrición Tallo
Achaparramiento
Virus
Mildiú
Horadador

Porcentaje de plantas afectadas por enfermedad de plagas. Datos presentados en número entero con un decimal.

Text Table 5. Summary of Trials Sent and Data Reported in 1982 International Variety Trial Reports

Region	No. of Trials Sent	Percent or Total	Trials Recovered and Reported (%) Preliminary	Final	Total
South America	75	13	18	52	60
Central and North America	140	25	59	14	73
Caribbean	28	5	32	18	50
North Africa and Near East	25	5	8	88	96
West Africa	93	17	44	13	57
Eastern and Southern Africa	84	15	1	62	63
Asia	59	10	19	22	41
Subcontinent	49	9	24	33	57
Europe	7	1	29	0	29
	560	100	30	32	62

Text Table 6. Summary of Coefficients of Variation (CV) and Relative Efficiencies(RE) of Lattice Design for Grain Yield of 1982 International Progeny Testing Trials (IPTT)

CV(%)	6-10	11-15	16-20	21-25	26-30	31-35	over 35	Total
RE(%)								
Less than 100								0
100 - 115	2	15	10	6	1	1	2	37
116 - 125		3	4	1				8
126 - 150	1	6	1	1				9
151 - 175		1						1
176 - 200	1	1						2
over 200								0
Total	4	26	15	8	1	1	2	57

Text Table 7. Comparison of the best EV with the best local check for all trials, Normal Grain types and QPM grain types

TRIALS Report Period	QPM Number of trials	QPM Low* %	QPM Equal* or better %	NORMAL Number of trials	NORMAL Low* %	NORMAL Equal* or better %	ALL Number of trials	ALL Low* %	ALL Equal* or trials %
Preliminary	23	61	39	114	18	82	137	25	75
Final	22	64	36	118	25	75	140	31	69
Overall	45	62	38	232	28	72	277	28	72

* Yield of best EV compared to best check.

TABLE: 32-P-82 POPULATION: MEZCLA TROP BLANCO-1 TRIAL: IPTT 22

LOCATION : MARACAY VENEZUELA EXP. VARIETY: MARACAY 8222

1CO-OPERATOR: ING. ARNOLDO BEJARANA

PROG NO	KG/HA	RANK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	STUNT %	PLANTS HARV	EAR ASPCT	EARS/ PLNT
1	5826	3	211	107	0.0	0.0	0.0	0.0	0.0	20.0	2.3	0.9
23	5042	16	204	106	0.0	2.8	2.8	0.0	2.8	18.0	3.0	1.0
28	5110	13	204	96	0.0	5.1	2.8	0.0	7.6	19.5	3.0	0.9
34	5021	17	208	99	0.0	0.0	0.0	2.5	2.5	18.5	2.5	0.9
113	5486	4	212	100	0.0	2.3	3.3	0.0	9.3	21.0	2.3	1.1
165	5247	11	209	103	0.0	0.0	2.1	0.0	5.3	20.5	3.0	0.9
167	5386	5	199	103	0.0	0.0	2.3	0.0	2.4	20.5	2.8	1.1
202	6150	1	196	98	0.0	0.0	2.6	0.0	0.0	18.0	2.5	1.1
224	6115	2	191	97	0.0	0.0	0.0	0.0	0.0	20.0	2.8	1.0
229	5042	15	203	94	0.0	0.0	2.1	0.0	0.0	17.0	2.8	1.1
SEL MEAN	5442	-	203	100	0.0	1.0	1.8	0.3	3.0	19.3	2.7	1.0
POP MEAN	3658	-	206	104	0.7	3.2	2.5	1.1	9.9	17.6	3.0	1.0
POP RANGE	6150-	-	235-	124-	29.5-	27.8-	10.9-	18.2-	47.2-	21.0-	4.5-	1.4-
	719	-	172	80	0.0	0.0	0.0	0.0	0.0	11.5	2.3	0.5
CHECK MEAN	3298	-	226	121	0.4	9.4	2.0	0.0	12.0	17.6	3.1	1.0
BEST CHECK	4085	-	217	115	2.4	11.9	3.4	0.0	5.9	19.0	2.8	1.1
C.V.	25.2		5.5	7.5								
5% LSD	1816.3		22.3	15.3								

BEST CHECK: SUWAN-1-79-GUARDABO OTHER CHECKS: COMP AM DMR, COMP BL DMR, COMP CENIAP DMR, SUWAN-1-EPA, SUW

TABLE: 33-P-82 POPULATION: MEZCLA TROP BLANCO-1 TRIAL: IPTT 22

LOCATION : RATTRAY-ARNOLD ZIMBABWE EXP. VARIETY: RATTRAY-ARNOLD 8222

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT
2	8163	14	77	235	128	0.0	0.0	0.0	20.5	1.5	3.5	1.1
34	8331	11	74	228	108	2.5	0.0	0.0	19.0	2.5	2.0	1.0
52	8274	12	71	240	133	0.0	0.0	0.0	20.0	2.5	3.0	1.1
87	7899	20	75	248	135	2.9	0.0	4.9	18.0	2.0	3.5	1.2
90	7935	19	76	233	123	0.0	4.8	0.0	19.0	1.0	3.0	0.9
155	8101	16	76	235	135	2.3	0.0	2.4	21.5	1.5	3.0	1.0
184	8098	17	77	230	118	0.0	0.0	2.8	19.5	2.0	2.0	1.0
220	8064	18	76	230	113	2.5	0.0	0.0	19.5	1.5	2.5	1.1
225	9168	6	77	238	133	2.4	4.9	0.0	20.5	1.5	2.5	1.3
236	9007	7	78	230	123	0.0	0.0	2.2	21.0	1.5	3.5	1.1
SEL MEAN	8304	-	76	235	125	1.3	1.0	1.2	19.9	1.8	2.8	1.1
POP MEAN	6476	-	75	232	122	5.2	3.7	1.0	18.8	1.9	3.3	1.0
POP RANGE	9168-	-	80-	265-	153-	45.5-	27.1-	10.0-	22.0-	3.5-	4.5-	1.5-
	3310	-	71	195	90	0.0	0.0	0.0	11.5	1.0	2.0	0.8
CHECK MEAN	10553	-	70	262	135	3.6	1.0	1.1	20.2	1.5	2.7	1.0
BEST CHECK	12061	-	71	285	140	0.0	0.0	0.0	19.5	1.0	2.5	1.0
C.V.	14 7		2.4	5.8	10.3							
5% LSD	1879.1		3.6	26.3	24.6							

BEST CHECK: ZS 206 OTHER CHECKS: SR 52, ZS 107, ZS 202, ZS 225, R 201

TABLE: 34-P-82 POPULATION: MEZCLA TROP BLANCO-1 TRIAL: IPTT 22

LOCATION : RATTRAY-ARNOLD ZIMBABWE EXP. VARIETY: RATTRAY-ARNOLD(1) 8222

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT
225	9168	6	77	238	133	2.4	4.9	0.0	20.5	1.5	2.5	1.3
210	8642	9	71	255	130	0.0	0.0	0.0	21.0	1.5	4.0	1.0
52	8274	12	71	240	133	0.0	0.0	0.0	20.0	2.5	3.0	1.1
163	8105	15	77	255	143	13.9	23.0	0.0	21.0	2.0	3.5	1.1
153	8174	13	76	265	145	2.4	2.3	4.4	21.5	2.0	3.0	1.1
236	9007	7	78	230	123	0.0	0.0	2.2	21.0	1.5	3.5	1.1
184	8098	17	77	230	118	0.0	0.0	2.8	19.5	2.0	2.0	1.0
2	8163	14	77	235	128	0.0	0.0	0.0	20.5	1.5	3.5	1.1
155	8101	16	76	235	135	2.3	0.0	2.4	21.5	1.5	3.0	1.0
34	8331	11	74	228	108	2.5	0.0	0.0	19.0	2.5	2.0	1.0
180	7653	28	77	238	118	2.5	4.5	2.5	21.0	2.5	3.0	1.0
SEL MEAN	8338	-	75	241	128	2.4	3.2	1.3	20.6	1.9	3.0	1.1
POP MEAN	6476	-	75	232	122	5.2	3.7	1.0	18.8	1.9	3.3	1.0
POP RANGE	9168-	-	80-	265-	153-	45.5-	27.1-	10.0-	22.0-	3.5-	4.5-	1.5-
	3310	-	71	195	90	0.0	0.0	0.0	11.5	1.0	2.0	0.8
CHECK MEAN	10553	-	70	262	135	3.6	1.0	1.1	20.2	1.5	2.7	1.0
BEST CHECK	12061	-	71	285	140	0.0	0.0	0.0	19.5	1.0	2.5	1.0
C.V.	14.7		2.4	5.8	10.3							
5% LSD	1879.1		3.6	26.3	24.6							

BEST CHECK: ZS 206 OTHER CHECKS: SR 52, ZS 107, ZS 202, ZS 225, R 201

TABLE: 35-P-82 POPULATION: MEZCLA TROP BLANCO-1 TRIAL: IPTT 22

YEAR: 1982 EXP. VARIETY: ACROSS 8222

COUNTRY-SITE CODES

914 1 - THAILAND SUWAN
5 2 - PHILIPPINES U.P. LOS BANOS
113 1 - VENEZUELA MARACAY

PROG	KG/HA				DAYS TO SILK			PLANT HEIGHT			
	91401	502	11301	MEAN	91401	502	MEAN	91401	502	11301	MEAN
1	7884	3746	5826	5819	51	49	50	190	148	211	183
19	8467	4950	4392	5936	54	50	52	198	205	196	199
44	8636	4126	5308	6023	51	50	51	180	180	204	188
61	8867	3625	4913	5802	54	49	51	188	170	199	186
88	9693	3987	4024	5901	53	50	51	200	190	194	195
129	9034	4730	3668	5811	52	50	51	188	175	210	191
167	9499	4130	5386	6339	53	48	50	195	193	199	195
177	10494	4665	4462	6540	52	51	51	203	183	210	198
225	8571	4556	4919	6015	52	51	52	195	185	215	198
233	9742	4379	4970	6364	54	52	53	198	188	204	196
SEL MEAN	9089	4289	4787	6055	53	50	51	193	182	204	193
POP MEAN	7712	3141	3667	4840	53	50	52	188	182	205	192
CHECK MEAN	7253	2046	3298	4199	52	47	0	193	178	226	199
BEST CHECK	7869	2543	4085	4832	52	46	0	200	170	217	196
CV	12.4	32.6	25.2	23.4							
LSD(5%)	1885	2001	1816	1901							

TABLE: 36-P-82 POPULATION: BLANCO CRISTALINO-1 TRIAL: IPTT 23

LOCATION : PALMIRA COLOMBIA EXP. VARIETY: PALMIRA 8223

1CO-OPERATOR: GONZALO GRANADOS R.

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	STEM LODG	%EAR ROT	ENDO HARD	PLANTS HARV	EAR ASPCT	EARS/ PLNT
4	7812	2	55	231	0.0	1.9	1.0	21.0	2.0	1.3
20	6853	12	53	242	0.0	9.3	2.0	19.0	2.0	1.1
26	7562	3	54	253	0.0	2.4	1.0	22.0	2.0	1.0
36	7523	4	53	233	5.0	2.6	2.0	21.0	2.5	0.9
60	7181	8	55	248	0.0	4.8	2.0	21.5	2.0	1.0
79	7400	7	55	252	0.0	7.1	2.5	19.0	2.0	1.1
85	7172	9	53	211	0.0	7.0	3.0	20.0	2.0	1.1
104	6886	11	55	228	0.0	0.0	2.5	20.0	3.0	1.0
151	6962	10	52	224	0.0	2.2	1.0	21.5	2.5	1.0
168	7401	6	53	243	0.0	4.1	2.5	20.0	2.0	1.2
SEL MEAN	7275	-	54	236	0.5	4.1	2.0	20.5	2.2	1.1
POP MEAN	5129	-	54	230	0.8	6.4	2.1	19.4	2.9	1.0
POP RANGE	8154-	-	58-	266-	22.5-	30.3-	4.0-	22.0-	4.5-	1.3-
	2700	-	50	182	0.0	0.0	1.0	13.5	1.5	0.6
CHECK MEAN	5075	-	60	245	0.4	6.1	2.8	20.6	3.1	0.9
BEST CHECK	7505	-	62	276	0.0	0.0	1.0	20.5	2.5	1.1
C.V.	19.7		2.0	4.9						
5% LSD	1994.1		2.2	22.3						

BEST CHECK: PIACOL H253 OTHER CHECKS: ICA H257, ACROSS 7843, COAXTLA 7929, ICA V155, ICA H154

TABLE: 37-P-82 POPULATION: BLANCO CRISTALINO-1 TRIAL: IPTT 23

YEAR. 1982 EXP. VARIETY: ACROSS 8223

COUNTRY-SITE CODES

20710 - MEXICO POZA RICA
105 1 - COLOMBIA PALMIRA
607 2 - IVORY COAST BOUAKE

PROG	KG/HA				DAYS TO SILK				PLANT HEIGHT			
	20710	10501	60702	MEAN	20710	10501	60702	MEAN	20710	10501	60702	MEAN
36	6875	7523	9296	7898	53	53	55	54	213	233	233	226
45	5728	5784	8206	6573	57	55	57	56	213	245	246	234
54	5601	6298	7357	6418	57	54	56	56	213	250	246	236
104	6100	6886	9429	7471	54	55	57	55	208	228	239	225
117	6495	6570	8252	7106	53	54	56	54	198	237	237	224
148	6754	6254	7937	6981	56	56	56	56	215	233	259	236
155	5857	6175	8429	6820	56	55	57	56	210	251	247	236
179	6767	6495	7673	6978	54	54	54	54	210	236	237	228
SEL MEAN	6272	6498	8322	7031	55	54	56	55	210	239	243	231
POP MEAN	4628	5131	7236	5665	55	54	56	55	198	230	234	221
CHECK MEAN	4266	5075	7904	5748	54	60	59	57	199	245	259	235
BEST CHECK	4957	7505	11011	7824	55	62	60	59	208	276	276	253
CV	14.9	19.7	10.2	14.9								
LSD(5%)	1358	1994	1463	1605								

TABLE: 38-P-82 POPULATION: ANT X VER 181-1 TRIAL: IPTT 24

LOCATION : CAPINOPOLIS BRAZIL EXP. VARIETY: CAPINOPOLIS 8224

2CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	PLANT ASPECT	EARS/ PLNT
2	8031	1	62	221	134	8.7	6.5	0.0	23.0	2.5	1.0
13	7462	4	63	202	120	8.3	6.4	0.0	23.0	2.0	1.0
38	6987	12	62	211	126	12.7	17.0	0.0	23.5	2.5	1.0
58	7474	3	61	221	113	0.0	0.0	0.0	22.5	2.5	1.1
79	7316	5	63	215	122	6.3	6.3	4.3	24.0	2.5	1.0
120	6866	14	61	217	107	11.3	6.6	2.2	22.5	2.5	1.0
151	6681	16	62	228	122	8.7	2.1	2.4	23.0	3.0	1.0
195	7176	8	61	211	115	6.6	18.9	2.6	23.0	3.0	1.0
196	7294	7	62	225	121	11.4	2.3	0.0	22.0	3.0	1.0
216	7118	9	64	214	112	2.4	7.1	0.0	22.5	3.0	1.1
SEL MEAN	7240	-	62	216	119	7.6	7.3	1.2	22.9	2.7	1.0
POP MEAN	5296	-	63	215	117	5.0	3.3	2.9	22.1	2.8	0.9
POP RANGE	8031-	-	65-	245-	147-	21.7-	19.0-	27.6-	25.0-	4.0-	1.2-
	2412	-	60	178	72	0.0	0.0	0.0	13.5	1.5	0.5
CHECK MEAN	4128	-	62	225	131	10.2	3.7	4.6	20.4	2.9	0.9
BEST CHECK	4701	-	62	231	146	2.6	9.8	0.0	20.5	2.5	0.9
C V	14.8		1 4	4.8	7.6						
5% LSD	1541.6		1.7	20.3	17.6						

BEST CHECK AG 403 OTHER CHECKS: COMP PT, AG 401

TABLE: 39-P-82 POPULATION: ANT X VER 181-1 TRIAL: IPTT 24

LOCATION : PICHILINGUE ECUADOR EXP. VARIETY: PICHILINGUE 8224

1CO-OPERATOR: INIAP

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	CURV	PUCC POLY	HELM MAYD	PLANTS HARV	EAR ASPCT	%BAD H. C.
1	6040	10	54	257	150	29.4	11.1	3.0	1.0	2.0	18.9	3.0	24.4
18	5888	15	55	266	145	27.0	29.4	3.0	1.0	2.0	21.2	3.5	14.5
20	6344	4	54	246	152	5.6	14.9	2.0	1.5	2.0	18.9	2.5	0.0
29	5775	19	54	257	148	24.6	10.7	2.5	1.0	2.0	20.5	2.0	7.4
65	6552	2	54	261	165	4.8	9.8	2.5	1.0	2.0	20.7	2.5	4.5
70	5822	17	52	245	148	26.4	22.7	2.5	1.0	2.0	19.0	3.0	7.5
147	5990	11	54	256	143	26.2	21.8	3.0	1.0	2.0	19.6	2.5	4.8
180	6344	5	54	262	144	22.7	8.9	3.0	1.0	2.0	21.6	2.5	9.1
195	5969	12	53	255	147	27.2	12.4	3.0	1.0	2.0	20.8	2.5	0.0
203	6066	9	54	267	155	8.0	15.0	3.0	1.0	2.0	20.0	3.5	5.3
SEL MEAN	6079	-	54	257	149	20.2	15.7	2.8	1.0	2.0	20.1	2.8	7.8
POP MEAN	4331	-	53	251	141	22.1	25.3	2.8	1.0	2.1	19.0	3.1	12.0
POP RANGE	7019-	-	57-	286-	170-	68.2-	67.5-	3.5-	1.5-	3.0-	22.6-	4.0-	59.2-
	1246	-	47	217	113	0.0	2.6	2.0	1.0	2.0	11.3	2.0	0.0
CHECK MEAN	3902	-	54	257	138	19.7	24.8	2.7	1.0	2.2	16.6	3.1	10.5
BEST CHECK	4967	-	54	263	140	25.9	25.0	2.5	1.0	2.0	20.1	3.0	7.3
C.V.	16.9		1.5	4.6	6.3								
5% LSD	1440.1		1.6	22.8	17.5								

BEST CHECK: F7 X F23 OTHER CHECKS: F4 X F23, F6 X F20, F13 X F23, INIAP-526

TABLE: 40-P-82 POPULATION: ANT X VER 181-1 TRIAL: IPTT 24

LOCATION : PIURA PERU EXP. VARIETY: PIURA 8224

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EARS/ PLNT
27	7676	18	61	223	114	0.0	18.5	1.0
82	8082	8	63	198	113	2.4	21.0	1.1
93	8364	5	63	219	114	0.0	19.5	1.0
147	7680	17	62	200	102	0.0	20.0	1.0
150	8021	10	63	217	119	0.0	18.5	1.2
174	8121	7	62	198	121	2.2	20.0	1.0
188	7662	19	60	221	119	0.0	18.5	1.1
195	7896	12	61	208	116	0.0	19.0	1.0
196	8050	9	62	221	117	0.0	19.0	1.0
221	9450	1	63	221	128	2.8	21.0	0.9
SEL MEAN	8100	-	62	212	116	0.7	19.5	1.0
POP MEAN	6272	-	62	206	112	3.1	18.5	1.0
POP RANGE	9450-	-	65-	240-	143-	20.8-	22.0-	1.3-
	3187	-	58	171	83	0.0	11.5	0.6
CHECK MEAN	5460	-	63	202	110	4.5	16.3	1.0
BEST CHECK	6433	-	65	213	132	13.8	15.0	1.0
C.V.	13.8		2.3	4.6	7.1		11.7	
5% LSD	1707.5		2.8	18.5	15.6		4.3	

BEST CHECK: PM 701 OTHER CHECKS: PIURA 81140, PIURA 8179, PIURA 8182, PIURA 8157, PIURA 8167

TABLE. 41-P-82 POPULATION: ANT X VER 181-1 TRIAL: IPTT 24

YEAR: 1982 EXP. VARIETY: ACROSS 8224

COUNTRY-SITE CODES

20710	- MEXICO	POZA RICA
209 7	- PANAMA	GUARARE
914 1	- THAILAND	SUWAN
110 1	- PERU	PIURA
10322	- BRAZIL	CAPINOPOLIS
106 1	- ECUADOR	PICHILINGUE

PROG	KG/HA							DAYS TO SILK							PLANT HEIGHT						
	20710	20907	91401	11001	10322	10601	MEAN	20710	20907	91401	11001	10322	10601	MEAN	20710	20907	91401	11001	10322	10601	MEAN
1	4773	3666	8480	7753	6656	6040	6228	57	60	56	62	64	54	59	214	239	225	220	219	257	229
2	5330	3143	7838	6746	8031	5555	6107	58	60	56	63	62	54	59	213	215	205	181	221	253	215
59	4734	4029	7680	7139	7612	5826	6170	58	62	55	63	64	52	59	208	238	210	209	231	263	226
66	5153	3265	8234	7430	6001	5133	5869	59	60	56	63	62	55	59	231	214	225	208	235	276	231
73	4681	3858	7475	7533	5042	3497	5348	56	59	55	63	62	53	58	215	230	205	194	201	240	214
79	5317	2784	8252	6646	7316	5021	5889	56	56	55	61	63	53	57	219	183	208	203	215	244	212
158	5113	2969	7499	6613	6186	4964	5557	58	59	55	62	63	54	59	216	230	208	221	213	258	224
196	5586	3300	7381	8050	7294	4109	5953	56	63	55	62	62	52	58	211	238	213	221	225	272	230
220	6124	3386	7964	8228	4021	5324	5841	59	60	56	62	62	54	59	219	225	215	198	199	242	216
229	5924	3468	7543	6365	6952	4987	5873	58	62	53	63	63	54	59	216	228	218	210	239	264	229
SEL MEAN		5273	3387	7835	7250	6511	5045	5884	57	60	55	62	63	53	59	216	224	213	206		
POP MEAN		4418	2936	6576	6291	5324	4341	4981	57	60	55	62	63	53	58	209	219	208	206		
CHECK MEAN		4049	2834	6615	5460	4128	3902	4498	57	60	52	63	62	54	58	203	217	204	202		
BEST CHECK		4757	3515	8767	6433	4701	4967	5523	58	60	52	65	62	54	58	210	239	215	213		
CV		15.0	19.6	11.5	13.8	14.8	16.9	15.3													
LSD(5%)		1301	1132	1489	1708	1542	1440	1435													

TABLE: 42-P-82 POPULATION: AMARILLO CRIST-1 TRIAL: IPTT 27

LOCATION : JARDINOPOLIS BRAZIL EXP. VARIETY: JARDINOPOLIS 8227

7CO-OPERATOR: LIMAGRAIN DO BRASIL G. Y. BERTHE

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
8	6724	1	65	268	125	81.1	18.5	24.4	21.5	1.0
21	4780	22	65	280	120	47.7	25.0	9.2	22.0	1.0
34	4891	14	64	270	120	88.6	20.5	34.1	22.0	1.0
64	5103	5	61	270	110	76.8	14.3	14.8	21.5	1.1
111	5094	6	64	260	120	90.9	61.4	8.7	22.0	1.0
116	5015	8	63	250	110	93.2	72.7	24.6	22.0	1.0
157	4782	21	64	265	123	88.6	40.9	28.2	22.0	1.0
180	4835	17	60	263	105	86.4	2.3	21.1	22.0	1.0
192	4905	11	64	250	108	77.3	56.8	18.2	22.0	1.0
200	4834	18	64	250	118	70.5	38.6	23.4	22.0	1.1
SEL MEAN	5096	-	63	263	116	80.1	35.1	20.7	21.9	1.0
POP MEAN	4040	-	65	259	119	78.9	45.2	33.6	21.6	1.0
POP RANGE	6724-	-	69-	288-	153-	100.0-	100.0-	72.8-	22.0-	1.2-
	2445	-	60	228	98	13.6	2.3	8.7	15.5	0.8
CHECK MEAN	4511	-	70	282	157	51.1	21.9	27.4	19.3	1.2
BEST CHECK	5315	-	70	290	163	51.2	11.1	29.1	18.5	1.3
C.V.	14.5		2.2	4.0	6.7					
5% LSD	1155.5		2.8	20.3	15.7					

BEST CHECK: UMC-5 COMPOSITE OTHER CHECKS: DECCAN 103, GANGA 5, GANGA 9, VIJAY COMP, GS 2

TABLE 43-P-82 POPULATION: AMARILLO CRIST-1 TRIAL: IPTT 27

LOCATION : PICHILINGUE ECUADOR EXP. VARIETY: PICHILINGUE 8227

ICO-OPERATOR: INIAP

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	CURV	PUCC POLY	HELM MAYD	PLANTS HARV	EAR ASPCT	%BAD H. C.
35	3912	14	55	240	125	13.6	14.0	2.0	1.0	2.0	21.0	3.0	4.8
45	3966	11	55	233	130	9.5	23.9	3.0	1.5	2.0	21.0	2.0	10.0
77	3958	12	54	220	110	10.5	25.3	3.0	1.5	2.5	14.0	2.0	13.3
95	4199	6	54	251	115	21.4	23.0	2.5	2.0	2.0	21.0	2.0	2.4
109	4616	3	53	254	138	24.5	43.1	3.0	1.5	2.0	19.5	3.0	2.9
118	3840	15	53	249	131	16.4	43.2	3.0	1.0	2.0	20.0	3.0	9.6
126	4753	2	52	225	110	11.6	21.4	3.0	1.0	2.0	21.5	3.0	0.0
151	4194	7	52	258	143	20.7	34.4	3.0	1.0	2.0	19.5	2.0	5.1
189	4069	9	53	252	138	2.9	32.2	3.0	1.5	2.0	18.0	3.0	11.1
211	4022	10	53	233	115	14.3	33.3	2.5	1.0	2.0	21.0	3.0	14.3
SEL MEAN	4153	-	53	241	125	14.5	29.4	2.8	1.3	2.0	19.6	2.6	7.3
POP MEAN	2645	-	53	240	123	20.8	37.4	2.9	1.2	2.2	18.8	3.3	5.8
POP RANGE	4823-	-	59-	399-	156-	62.8-	83.5-	4.0-	2.0-	3.0-	22.0-	8.0-	30.6
	773	-	51	185	85	0.0	8.1	2.0	1.0	2.0	10.0	2.0	0.0
CHECK MEAN	3096	-	54	241	119	21.7	44.2	2.9	1.1	2.1	19.4	3.2	6.9
BEST CHECK	4447	-	54	249	124	4.5	53.9	3.0	1.5	2.0	21.5	3.0	18.8
C.V.	25.2		2.1	8.9	10.7								
5% LSD	1311.6		2.2	42.0	26.1								

BEST CHECK: F5 X F23 OTHER CHECKS: F4 X F23, F20 X F20, F7 X F23, F13 X F23, INIAP-526

TABLE: 44-P-82 POPULATION: AMARILLO CRIST-1 TRIAL: IPTT 27

LOCATION : COIMBATORE INDIA EXP. VARIETY: COIMBATORE 8227

2CO-OPERATOR: TAMIL NADU AGRICULTURAL UNIVERSITY

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	HUSK COVER	PLANTS HARV	PLANT ASPECT
8	1120	6	78	209	108	2.5	19.5	2.5
13	1183	3	74	212	104	2.5	20.0	1.5
38	1028	13	76	201	99	1.5	21.0	1.0
50	1295	1	77	195	90	2.0	20.0	1.5
70	1062	9	76	209	109	1.0	20.5	1.0
81	1164	4	76	194	94	2.0	21.0	1.5
109	1057	12	77	193	90	2.0	21.0	2.0
173	1091	7	79	198	92	2.5	20.5	2.0
176	1057	11	76	195	99	1.0	21.0	3.0
178	1125	5	78	196	97	1.0	21.0	1.5
SEL MEAN	1118	-	77	200	98	1.8	20.5	1.8
POP MEAN	764	-	77	193	92	1.8	19.2	1.7
POP RANGE	1295-	-	83-	232-	125-	4.0-	22.0-	4.0-
	422	-	70	148	68	1.0	12.0	1.0
CHECK MEAN	785	-	77	192	95	1.5	16.4	1.9
BEST CHECK	1062	-	80	187	105	2.0	18.0	1.0
C.V.	26.0		2.6	8.4	10.2		11.7	
5% LSD	391.6		4.0	32.0	18.5		4.4	

BEST CHECK: UMC-5 COMPOSITE OTHER CHECKS: DECCAN-103, GANGA 5, GANGA 9, VIJAY COMPOSITE, GS 2

TABLE: 45-P-82 POPULATION: AMARILLO CRIST-1 TRIAL: IPTT 27

LOCATION : U.P. LOS BANOS PHILIPPINES EXP. VARIETY: LOS BANOS 8227

2CO-OPERATOR: DR. MANUEL M. LANTIN

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT
1	6572	6	48	208	100	0.0	20.0	2.0	0.9
21	6299	15	47	225	110	2.8	19.0	2.5	1.0
23	6513	8	47	210	110	0.0	18.5	2.0	0.9
130	6461	11	46	208	100	2.8	18.5	2.0	1.0
133	7099	2	46	213	98	0.0	21.0	3.0	1.1
157	6684	5	47	208	105	0.0	21.5	1.5	1.0
192	6327	13	46	198	95	0.0	21.5	2.0	1.0
202	6507	9	46	225	118	2.3	21.5	2.5	1.0
227	6542	7	49	213	105	0.0	21.0	2.5	1.0
240	6318	14	47	225	115	0.0	21.0	2.5	1.0
SEL MEAN	6532	-	47	213	106	0.8	20.4	2.3	1.0
POP MEAN	5062	-	48	212	105	1.6	18.1	2.7	0.9
POP RANGE	7209-	-	53-	243-	130-	14.3-	22.5-	4.0-	1.3-
	2491	-	45	185	83	0.0	8.5	1.5	0.7
CHECK MEAN	4163	-	48	211	106	0.0	17.2	2.8	0.9
BEST CHECK	4324	-	47	225	120	0.0	14.0	2.5	1.1
C.V.	19.1		3.1	5.2	8.5		13.7		
5% LSD	1901.9		2.9	21.8	17.7		4.9		

BEST CHECK: SMC 121 OTHER CHECKS: SMC 101

TABLE: 46-P-82 POPULATION: AMARILLO CRIST-1 TRIAL: IPTT 27

LOCATION : U.P. LOS BANOS PHILIPPINES EXP. VARIETY: LOS BANOS(1) 8227

2CO-OPERATOR: DR. MANUEL M. LANTIN

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT
4	5489	78	48	205	108	2.9	19.5	3.0	0.9
23	6513	8	47	210	110	0.0	18.5	2.0	0.9
24	5807	51	47	203	95	2.4	19.5	2.5	0.8
83	4356	198	50	218	115	0.0	14.0	2.5	0.9
104	6125	29	49	218	110	0.0	19.5	2.0	1.0
112	5087	130	46	195	100	0.0	17.0	2.5	0.8
113	5177	119	49	210	103	0.0	18.0	3.0	0.9
151	6257	17	48	205	108	0.0	20.0	1.5	0.9
168	5994	40	48	213	105	0.0	20.5	2.5	1.0
218	7209	1	48	230	120	0.0	20.5	2.0	1.0
SEL MEAN	5801	-	48	211	107	0.5	18.7	2.3	0.9
POP MEAN	5062	-	48	212	105	1.6	18.1	2.7	0.9
POP RANGE	7209-	-	53-	243-	130-	14.3-	22.5-	4.0-	1.3-
	2491	-	45	185	83	0.0	8.5	1.5	0.7
CHECK MEAN	4163	-	48	211	106	0.0	17.2	2.8	0.9
BEST CHECK	4324	-	47	225	120	0.0	14.0	2.5	1.1
C.V.	19.1		3.1	5.2	8.5		13.7		
5% LSD	1901.9		2.9	21.8	17.7		4.9		

BEST CHECK: SMC 121 OTHER CHECKS: SMC 101

TABLE: 47-P-82 POPULATION: AMARILLO CRIST-1 TRIAL: IPTT 27

YEAR: 1982 EXP. VARIETY: ACROSS 8227

COUNTRY-SITE CODES

20710	- MEXICO	POZA RICA
203 1	- COSTA RICA	ALAJUELA
5 2	- PHILIPPINES	U.P. LOS BANOS
10317	- BRAZIL	JARDINOPOLIS

PROG	KG/HA					DAYS TO SILK					PLANT HEIGHT				
	20710	20301	502	10317	MEAN	20710	20301	502	10317	MEAN	20710	20301	502	10317	MEAN
21	5070	3952	6299	4780	5026	58	69	47	65	60	239	233	225	280	244
71	4583	5398	6137	4678	5199	55	67	46	65	58	233	253	210	253	237
82	5325	5688	5211	4418	5161	56	69	52	64	60	229	235	203	253	230
117	5249	4242	6243	4334	5017	58	72	47	65	60	220	243	223	265	238
119	5057	4627	6128	4302	5028	55	68	47	65	59	219	228	228	268	235
133	4542	4434	7099	4843	5230	56	69	46	61	58	219	223	213	270	231
157	5562	3856	6684	4782	5221	55	69	47	64	59	235	218	208	265	231
159	5363	4724	5369	4474	4982	54	69	47	63	58	219	203	190	258	217
192	5287	3952	6327	4905	5118	54	68	46	64	58	216	223	198	250	221
250	5693	3760	7069	4741	5316	57	72	48	65	60	223	228	230	260	235
SEL MEAN	5173	4463	6257	4626	5130	56	69	47	64	59	225	228	213	262	232
POP MEAN	4224	3787	5084	4028	4281	57	70	48	65	60	227	235	212	259	233
CHECK MEAN	4200	3952	4163	4511	4206	56	69	48	70	61	222	244	211	282	240
BEST CHECK	4530	4724	4324	5315	4723	57	70	47	70	61	225	248	225	290	247
CV	12.0	18.3	19.1	14.5	16.0										
LSD(5%)	1000	1364	1902	1156	1355										

TABLE: 48-P-82 POPULATION: ETO BLANCO-1 TRIAL: IPTT 32

LOCATION : U.P. LOS BANOS PHILIPPINES EXP. VARIETY: LOS BANOS 8232

2CO-OPERATOR: DR. MANUEL M. LANTIN

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT
21	5069	89	47	220	110	2.9	16.5	2.5	1.0
45	6096	20	48	228	108	0.0	19.0	3.0	0.9
48	5411	61	48	210	108	0.0	17.0	2.0	0.9
49	6540	8	48	220	115	0.0	19.0	2.5	1.0
52	5529	48	48	210	103	0.0	16.5	2.5	1.0
58	6747	5	48	223	113	0.0	17.5	2.0	1.0
69	5564	43	47	213	115	0.0	22.0	2.5	0.8
84	5749	34	46	218	118	5.0	17.5	3.0	1.0
98	5122	86	48	228	118	0.0	20.5	3.0	0.9
128	5700	36	48	218	108	0.0	20.5	2.5	0.9
SEL MEAN	5753	-	47	219	111	0.8	18.6	2.5	0.9
POP MEAN	4698	-	49	207	101	3.3	17.0	2.9	0.9
POP RANGE	7104-	-	65-	243-	123-	47.2-	22.0-	4.0-	1.5-
	1749	-	45	173	73	0.0	10.0	1.5	0.6
CHECK MEAN	4521	-	47	210	105	5.5	16.8	3.0	0.9
BEST CHECK	5323	-	46	228	118	0.0	16.5	3.0	0.9
C.V.	21.7		4.5	5.8	10.0		15.4		
5% LSD	2005.3		4.3	23.5	19.8		5.1		

BEST CHECK. SCM 121 OTHER CHECKS: SCM 101

TABLE: 49-P-82 POPULATION: ETO BLANCO-1 TRIAL: IPTT 32

LOCATION : U.P. LOS BANOS PHILIPPINES EXP. VARIETY: LOS BANOS(1) 8232

2CO-OPERATOR: DR. MANUEL M. LANTIN

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT
20	6521	9	47	210	105	2.6	13.0	1.5	1.5
24	4969	97	49	208	105	12.5	11.5	2.5	1.2
56	5463	55	47	178	75	0.0	16.5	3.0	1.0
65	6836	3	49	210	88	0.0	17.0	2.5	1.1
82	4522	149	48	173	73	0.0	15.5	3.0	0.7
85	4701	126	48	215	103	0.0	13.5	3.0	0.9
107	7104	1	50	205	100	0.0	17.5	2.5	1.0
113	6082	21	50	213	108	0.0	17.5	2.5	1.0
117	5566	42	49	200	98	3.6	18.5	2.0	1.0
152	5213	75	50	203	103	3.3	18.0	2.5	0.9
SEL MEAN	5698	-	49	201	96	2.2	15.9	2.5	1.0
POP MEAN	4698	-	49	207	101	3.3	17.0	2.9	0.9
POP RANGE	7104-	-	65-	243-	123-	47.2-	22.0-	4.0-	1.5-
	1749	-	45	173	73	0.0	10.0	1.5	0.6
CHECK MEAN	4521	-	47	210	105	5.5	16.8	3.0	0.9
BEST CHECK	5323	-	46	228	118	0.0	16.5	3.0	0.9
C.V.	21.7		4.5	5.8	10.0		15.4		
5% LSD	2005.3		4.3	23.5	19.8		5.1		

BEST CHECK: SCM 121 OTHER CHECKS: SCM 101

TABLE: 50-P-82 POPULATION: ETO BLANCO-1 TRIAL: IPTT 32

YEAR: 1982 EXP. VARIETY: ACROSS 8232

COUNTRY-SITE CODES

5 2	- PHILIPPINES	U.P. LOS BANOS
205 6	- GUATEMALA	SAN JERONIMO
20710	- MEXICO	POZA RICA
80414	- INDIA	MANDYA

PROG	KG/HA					DAYS TO SILK					PLANT HEIGHT				
	502	20506	20710	80414	MEAN	502	20506	20710	80414	MEAN	502	20506	20710	80414	MEAN
20	6521	9186	4042	2982	5683	47	68	56	76	62	210	210	208	192	205
56	5463	7557	4614	4483	5529	47	68	56	77	62	178	180	185	208	188
67	3463	5019	2331	1021	2959	48	71	59	79	64	203	195	191	181	192
107	7104	7927	4092	4335	5864	50	72	57	83	65	205	210	206	179	200
113	6082	8755	3819	5243	5975	50	71	58	81	65	213	190	212	177	198
148	4844	7213	3437	4374	4967	48	69	57	79	63	228	210	212	185	209
153	5485	7592	4719	2335	5033	49	68	57	78	63	213	200	211	175	200
162	4623	9758	4684	1155	5055	51	68	57	77	63	208	200	216	187	203
211	5561	8625	4684	1108	4994	47	69	57	84	64	210	205	205	186	202
223	5799	9015	4543	2225	5396	52	68	57	79	64	213	200	216	181	202
SEL MEAN	5494	8065	4096	2926	5145	49	69	57	79	63	208	200	206	185	200
POP MEAN	4703	7117	3334	1705	4214	49	69	57	79	63	207	199	206	184	199
CHECK MEAN	4521	5181	3685	2042	3857	47	70	56	76	62	210	210	209	179	202
BEST CHECK	5323	9712	4747	3631	5853	46	66	56	75	61	228	225	206	195	213
CV	21.7	16.3	11.8	60.4	27.6										
LSD(5%)	2005	2274	776	2037	1773										

TABLE: 51-P-82 POPULATION: AMARILLO SUBTROP.-2 TRIAL: IPTT 33

LOCATION: CHUQUISACA BOLIVIA EXP. VARIETY: CHUQUISACA 8233

4CO-OPERATOR: ALBERTO HINOJOSA

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
12	8405	2	55	165	80	4.5	0.0	6.1	21.0	1.2
48	7883	5	55	195	98	0.0	0.0	2.1	22.0	1.3
97	7572	11	54	195	93	0.0	0.0	2.0	21.5	1.0
111	7483	13	54	180	90	6.8	0.0	4.0	22.0	1.1
118	8183	3	56	190	105	0.0	0.0	2.2	21.0	1.1
124	7838	7	56	205	95	2.5	0.0	10.7	21.0	1.1
126	7833	8	56	185	88	9.1	0.0	4.1	21.0	1.2
136	7862	6	57	200	98	0.0	0.0	1.9	21.0	1.3
170	7520	12	55.	200	105	2.4	0.0	3.6	21.5	1.3
223	8161	4	55	205	100	6.8	0.0	0.0	22.0	1.0
SEL MEAN	7874	-	55	192	95	3.2	0.0	3.7	21.4	1.2
POP MEAN	5803	-	55	195	96	4.7	0.4	7.5	20.2	1.1
POP RANGE	8490-	-	58-	230-	123-	23.8-	7.8-	56.0-	22.5-	1.4-
	3100	-	54	165	68	0.0	0.0	0.0	15.0	0.8
CHECK MEAN	6039	-	58	239	138	0.9	1.2	1.3	16.4	1.3
BEST CHECK	7167	-	58	285	205	2.8	0.0	0.0	16.5	1.4
C.V.	16.5		1.6	6.1	9.8					
5% LSD	1883.7		1.7	23.3	18.4					

BEST CHECK: C 101 OTHER CHECKS: C 102, C 103, C 104, C 105, C 106

TABLE: 52-P-82 POPULATION: AMARILLO SUBTROP.-2 TRIAL: IPTT 33

LOCATION : POTCHEFSTROOM REP. S. AFRICA EXP. VARIETY: POTCHESTROOM 8233

ICO-OPERATOR: DR. A. P. FOURIE

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	SMUT %	PLNTS GERM	EARS/ PLNT
14	3579	14	63	160	84	8.7	0.0	0.0	11.5	0.0	78.2	1.4
39	3589	12	63	181	76	8.3	0.0	0.0	11.5	0.0	78.4	1.7
77	3773	5	63	179	60	4.2	0.0	0.0	11.5	0.0	78.3	1.4
158	3744	6	64	178	61	4.5	0.0	0.0	10.5	0.0	76.0	1.3
159	3619	11	65	172	68	12.5	0.0	0.0	12.0	0.0	80.7	2.1
174	3840	4	63	179	70	4.2	0.0	0.0	11.5	0.0	75.5	1.6
178	3630	10	63	188	71	9.5	0.0	0.0	10.5	0.0	80.5	1.6
182	3645	9	64	170	61	0.0	0.0	0.0	12.0	0.0	81.0	1.5
207	3559	16	63	177	74	4.2	0.0	0.0	11.5	0.0	81.0	1.2
239	3663	8	64	173	70	0.0	0.0	0.0	12.0	0.0	77.6	1.5
SEL MEAN	3664	-	63	175	69	5.6	0.0	0.0	11.4	0.0	78.7	1.5
POP MEAN	2981	-	63	172	72	9.3	0.3	0.2	11.3	0.6	78.2	1.3
POP RANGE	4150-	-	68-	202-	93-	52.7-	5.0-	33.3-	12.0-	13.6-	88.2-	2.1-
	2127	-	62	142	52	0.0	0.0	0.0	8.0	0.0	70.7	0.9
CHECK MEAN	3376	-	67	190	81	12.1	0.0	0.8	11.6	0.8	80.9	1.3
BEST CHECK	4084	-	67	190	79	4.2	0.0	0.0	11.5	0.0	80.9	1.4
C.V.	14.3		1.5	5.7	17.4							
5% LSD	842.4		1 8	19.4	24.5							

BEST CHECK SSM 48 OTHER CHECKS: TX 24, PNP 432, SA 200, PNR 536, SABI 7200

TABLE: 53-P-82 POPULATION: AMARILLO SUBTROPICAL TRIAL: IPTT 33

LOCATION : RAMPUR NEPAL EXP. VARIETY: RAMPUR (1) 8233

1CO-OPERATOR: NATIONAL MAIZE PROGRAM

PROG NO
131
145
174
216
236
22
29
84
139
191

NOTE: Trial lost to drought. Selection based on differential reaction to moisture stress at flowering and yield data from other locations.

TABLE: 54-P-82 POPULATION: AMARILLO SUBTROP. -2 TRIAL: IPTT 33

LOCATION : ANTALYA TURKEY EXP. VARIETY: ANTALYA 8233

3CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	SMUT %	EAR BORER
3	7298	12	52	260	142	24.0	29.3	4.5	2.0	20.5	1.0	4.9	3.5
48	7217	16	54	261	143	2.4	4.8	0.0	1.5	21.0	1.5	21.4	2.0
65	6984	22	50	254	147	15.0	22.5	0.0	2.0	20.0	2.0	10.0	4.5
77	7367	9	51	244	140	10.6	42.0	4.6	2.5	23.0	1.0	10.3	4.0
94	8227	4	53	262	145	11.4	50.0	6.5	2.0	22.0	1.5	11.4	4.0
131	6967	23	53	253	136	18.2	17.8	2.3	1.5	19.5	1.5	7.6	3.0
159	8216	5	52	238	124	17.2	46.1	9.2	1.5	17.5	1.0	2.9	3.0
164	7246	15	53	238	136	2.6	15.5	5.4	1.5	19.5	1.5	10.1	2.0
226	10203	1	53	258	134	0.0	68.4	0.0	3.0	19.0	2.0	0.0	4.0
240	7013	21	51	259	134	7.3	35.5	2.5	2.0	21.0	1.5	12.0	4.5
SEL MEAN	7674	-	52	253	138	10.9	33.2	3.5	2.0	20.3	1.5	9.1	3.5
POP MEAN	5459	-	53	248	137	13.0	49.3	4.2	2.1	19.1	1.5	12.5	3.9
POP RANGE	10203-	-	57-	286-	165-	30.1-	96.9-	16.0-	3.5-	23.0-	2.5-	39.6-	5.0-
	2757	-	50	214	108	0.0	4.8	0.0	1.0	13.0	1.0	0.0	1.5
CHECK MEAN	6116	-	53	253	130	17.9	43.3	13.1	1.8	20.0	1.4	2.0	3.8
BEST CHECK	8265	-	53	247	130	4.5	71.0	2.6	1.0	19.0	1.0	0.0	3.0
C.V.	21.4		2.2	6.8	8.5								
5% LSD	2302.5		2.3	33.1	22.9								

BEST CHECK: LG-66 OTHER CHECKS: ADA, SAPANCA, K3/74, PX-616, LG-55

TABLE: 55-P-82 POPULATION: AMARILLO SUBTROP.-2 TRIAL: IPTT 33

LOCATION : ANTALYA TURKEY EXP. VARIETY: ANTALAYA(1) 8233

3CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	SMUT %	EAR BORER
39	6490	51	53	265	151	12.5	27.5	4.4	2.0	20.0	2.0	5.0	3.0
40	5290	146	51	228	123	14.0	25.2	3.8	2.0	20.5	2.0	2.6	1.5
58	6166	69	52	233	126	0.0	75.0	2.9	1.5	20.0	1.0	12.5	3.0
62	6175	68	51	241	130	4.8	66.8	5.9	2.0	19.0	1.0	7.7	3.0
83	5982	84	56	268	148	16.1	21.8	3.8	1.5	21.0	1.5	2.3	1.5
131	6967	23	53	253	136	18.2	17.8	2.3	1.5	19.5	1.5	7.6	3.0
141	5814	97	54	227	125	19.7	29.0	6.5	1.5	20.0	1.0	17.4	2.5
164	7246	15	53	238	136	2.6	15.5	5.4	1.5	19.5	1.5	10.1	2.0
185	6957	24	54	218	120	14.7	29.1	2.4	1.5	20.5	1.0	4.5	2.5
237	6317	60	53	255	146	17.3	40.4	0.0	1.5	17.5	1.0	11.3	3.5
SEL MEAN	6340	-	53	242	134	12.0	34.8	3.7	1.6	19.8	1.4	8.1	2.5
POP MEAN	5459	-	53	248	137	13.0	49.3	4.2	2.1	19.1	1.5	12.5	3.9
POP RANGE	10203-	-	57-	286-	165-	30.1-	96.9-	16.0-	3.5-	23.0-	2.5-	39.6-	5.0
	2757	-	50	214	108	0.0	4.8	0.0	1.0	13.0	1.0	0.0	1.5
CHECK MEAN	6116	-	53	253	130	17.9	43.3	13.1	1.8	20.0	1.4	2.0	3.8
BEST CHECK	8265	-	53	247	130	4.5	71.0	2.6	1.0	19.0	1.0	0.0	3.0
C.V.	21.4		2.2	6.8	8.5								
5% LSD	2302.5		2.3	33.1	22.9								

BEST CHECK LG-66 OTHER CHECKS: ADA, SAPANCA, K3/74, PX-616, LG-55

TABLE: 56-P-82 POPULATION: AMARILLO SUBTROP.-2 TRIAL: IPTT 33

YEAR: 1982 EXP. VARIETY: ACROSS 8233

COUNTRY-SITE CODES

20712	- MEXICO	TLALTIZAPAN
519 3	- TURKEY	ANTALYA
102 4	- BOLIVIA	CHUQUISACA
714 1	- REP. S. AFRICA	POTCHEFSTROOM

PROG	KG/HA					DAYS TO SILK					PLANT HEIGHT				
	20712	51903	10204	71401	MEAN	20712	51903	10204	71401	MEAN	20712	51903	10204	71401	MEAN
4	10211	5705	6253	3380	6387	57	54	58	64	58	196	237	200	172	201
39	8629	6490	7401	3589	6527	52	53	54	63	55	181	265	180	181	202
77	8690	7367	6945	3773	6694	52	51	55	63	55	202	244	205	179	208
91	10496	6898	6994	3061	6862	54	53	55	63	56	193	234	190	168	196
94	8669	8227	6057	3025	6494	54	53	56	66	57	194	262	200	171	207
118	9123	6766	8183	3211	6821	54	54	56	63	57	211	246	190	173	205
124	8239	6075	7838	3285	6359	53	50	56	63	55	188	222	205	161	194
165	9013	6792	6897	2995	6424	54	54	57	64	57	194	250	190	165	200
226	8069	10203	5652	3455	6845	55	53	56	64	57	208	258	200	152	204
246	7746	8150	6764	3068	6432	54	54	56	64	57	197	260	200	171	207
SEL MEAN		8888	7267	6898	3284	6585	54	53	56	63	56	196	248	196	169	202
POP MEAN		7442	5443	5797	2971	5413	54	53	55	63	56	191	247	194	171	201
CHECK MEAN		7051	6116	6039	3376	5646	54	53	58	67	58	190	253	239	190	218
BEST CHECK		7576	8265	7167	4084	6773	53	53	58	67	58	195	247	285	190	229
CV		9.9	21.4	16.5	14.3	15.5									
LSD(5%)		1447	2303	1884	842	1619									

TABLE: 57-P-82 POPULATION: ANT X REP DOM - 2 TRIAL: IPTT 35

LOCATION : CAPINOPOLIS BRAZIL EXP. VARIETY: CAPINOPOLIS 8235

2CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	PLANT ASPECT	EARS/ PLNT
21	6424	9	52	190	100	6.3	4.2	0.0	23.5	2.5	1.1
59	6102	15	53	211	108	19.3	7.3	0.0	21.0	2.5	1.0
68	6914	1	53	212	112	4.3	0.0	0.0	22.0	3.0	1.1
77	6678	5	53	200	108	6.3	16.7	2.1	23.5	2.5	1.0
78	6066	17	52	194	100	0.0	0.0	2.6	22.0	2.0	1.0
118	6887	2	52	208	112	4.2	2.1	0.0	23.5	3.0	1.1
122	6289	12	53	177	89	16.7	14.6	0.0	24.0	3.0	1.1
133	6767	4	52	205	104	6.9	4.8	0.0	22.0	3.5	1.3
141	6071	16	51	182	87	13.0	4.3	0.0	23.0	3.0	1.0
237	6108	14	52	201	111	18.4	0.0	1.9	21.5	2.5	1.1
SEL MEAN	6431	-	52	198	103	9.5	5.4	0.7	22.6	2.8	1.1
POP MEAN	5061	-	52	200	102	12.9	6.2	1.1	22.3	3.0	1.0
POP RANGE	6914-	-	54-	228-	130-	53.6-	44.5-	10.5-	24.5-	4.0-	1.3-
	2892	-	50	166	76	0.0	0.0	0.0	17.0	1.5	0.9
CHECK MEAN	5139	-	54	232	149	19.1	3.1	0.0	22.1	2.8	1.2
BEST CHECK	6330	-	54	229	149	11.2	2.2	0.0	21.5	2.5	1.4
C.V.	11.0		1.3	4.1	6.7						
5% LSD	1096.2		1.3	16.2	13.4						

BEST CHECK: AG 301 OTHER CHECKS: AG 401, AG 403

TABLE: 58-P-82 POPULATION: ANT X REP DOM - 2 TRIAL: IPTT 35

LOCATION : PIURA PERU EXP. VARIETY: PIURA 8235

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EARS/ PLNT
36	6156	21	54	190	93	3.1	15.5	1.2
39	6072	29	54	192	95	2.3	20.5	1.0
69	6102	27	54	187	99	4.2	20.5	1.1
71	6102	26	55	188	93	2.8	19.0	1.0
115	6061	30	54	194	98	2.8	14.5	1.3
165	6878	3	54	193	101	0.0	19.0	1.1
173	6649	8	54	189	97	2.4	20.5	1.0
223	5967	39	54	197	102	2.9	18.0	1.0
236	6356	16	54	193	100	0.0	19.5	1.1
244	5892	44	54	190	98	0.0	19.0	1.0
SEL MEAN	6223	-	54	191	98	2.0	18.6	1.1
POP MEAN	5110	-	54	179	87	4.6	16.4	1.0
POP RANGE	7788-	-	56-	223-	115-	20.0-	22.0-	1.6-
	3038	-	52	151	65	0.0	9.5	0.7
CHECK MEAN	6002	-	59	199	103	2.3	15.1	1.1
BEST CHECK	7951	-	56	196	101	4.9	19.0	1.1
C.V.	16.3		1.7	6.2	11.2		15.3	
5% LSD	1639.8		1.8	21.6	19.1		5.0	

BEST CHECK: PIURA 8155 OTHER CHECKS: PM-701, PIURA 8152, PIURA 8165, PIURA 81122, PIURA 81152

TABLE: 59-P-82 POPULATION: ANT X REP DOM - 2 TRIAL: IPTT 35

LOCATION : MUNENG INDONESIA EXP. VARIETY: MUNENG 8235

7CO-OPERATOR: ANWAR ISPANDI

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT
82	4773	34	58	150	66	0.0	0.0	4.8	7.1	21.0	3.0	7.3	2.0
105	4884	24	58	150	63	0.0	0.0	7.1	8.9	21.0	3.5	9.5	2.0
137	5042	13	56	139	58	0.0	0.0	4.7	4.5	21.5	3.0	2.3	2.0
160	5158	7	56	158	66	0.0	0.0	4.5	6.8	22.0	3.5	20.5	2.0
167	5934	3	57	151	65	0.0	5.0	9.5	4.8	21.0	2.5	2.3	2.5
179	6231	1	56	145	58	0.0	0.0	9.1	6.3	22.0	3.5	20.5	2.5
200	4999	15	56	153	71	0.0	0.0	4.5	6.8	22.0	2.5	4.5	2.0
217	4869	26	56	133	44	0.0	5.0	7.3	4.5	21.0	3.0	9.8	3.0
233	4746	39	58	129	63	0.0	0.0	5.0	7.3	20.0	3.5	12.4	2.0
239	4975	17	57	150	68	0.0	0.0	4.7	8.8	21.5	3.0	4.7	3.0
SEL MEAN	5161	-	57	146	62	0.0	1.0	6.1	6.6	21.3	3.1	9.4	2.3
POP MEAN	4157	-	57	145	63	0.5	0.5	6.0	13.4	20.6	3.3	21.6	2.2
POP RANGE	6231-	-	62-	175-	85-	9.1-	12.3-	16.2-	68.2-	22.0-	4.5-	92.9-	3.0-
	2449	-	53	102	43	0.0	0.0	4.5	0.0	15.0	2.0	0.0	1.0
CHECK MEAN	2713	-	53	153	75	0.0	3.8	5.3	17.9	20.6	3.4	2.9	2.7
BEST CHECK	4127	-	58	167	82	0.0	0.0	7.5	12.8	19.5	3.5	5.6	2.5
C.V.	16.7		1.8	6.9	9.7								
5% LSD	1368.2		2.0	19.8	12.0								

BEST CHECK: ARJUNA OTHER CHECKS: BURDEK, RANJUNA, CETTAR, BOGOR COMP 2, GENJAH KERTAS

TABLE: 60-P-82 POPULATION: ANT X REP DOM - 2 TRIAL: IPTT 35

YEAR: 1982 EXP. VARIETY: ACROSS 8235

COUNTRY-SITE CODES

20710	- MEXICO	POZA RICA
209 2	- PANAMA	TOCUMEN
607 2	- IVORY COAST	BOUAKE
110 1	- PERU	PIURA
905 7	- INDONESIA	MUNENG
10322	- BRAZIL	CAPINOPOLIS

PROG	KG/HA							DAYS TO SILK							PLANT HEIGHT						
	20710	20902	60702	11001	90507	10322	MEAN	20710	20902	60702	11001	90507	10322	MEAN	20710	20902	60702	11001	90507	10322	MEAN
5	4995	4059	7895	6154	4637	4910	5442	52	53	54	54	58	53	54	218	180	246	177	149	204	195
22	5621	4901	7382	5308	4354	5341	5485	53	53	54	54	58	53	54	228	180	245	175	148	209	197
23	5461	4975	8234	6361	4274	5342	5775	55	54	54	53	60	54	55	218	178	252	184	154	224	201
59	4977	4792	8382	6106	4415	6102	5796	53	54	51	54	58	53	54	208	178	240	187	163	211	197
100	6043	5255	8753	5979	4127	5561	5953	53	53	53	54	59	53	54	218	178	253	181	155	219	200
109	6219	4786	8002	5868	4392	5262	5755	52	52	53	55	58	52	54	213	168	231	180	144	191	188
115	4541	4912	7903	6061	4452	5624	5582	53	54	54	54	58	52	54	225	173	246	194	159	210	201
116	4927	4249	8253	6191	4799	5653	5679	53	55	54	54	59	53	55	223	170	241	178	157	212	197
117	4590	4637	8262	6721	4350	5609	5695	54	55	53	54	60	52	55	230	183	237	193	166	212	203
173	4923	4732	7909	6649	4508	5371	5682	51	54	51	54	57	52	53	210	165	240	189	136	203	190
SEL MEAN		5230	4730	8097	6140	4431	5477	5684	53	54	53	54	59	52	54	219	175	243	183		
POP MEAN		4218	3766	6804	5088	4192	5059	4854	53	53	53	54	58	52	54	203	164	232	178		
CHECK MEAN		4059	3779	8070	6002	2713	5139	4960	51	55	57	59	53	54	55	200	181	266	199		
BEST CHECK		4217	4576	11169	7951	4127	6330	6395	49	57	60	56	58	54	56	195	183	289	196		
CV		11.4	18.0	10.1	16.3	16.7	11.0	13.9													
LSD(5%)		943	1337	1365	1640	1368	1096	1291													

TABLE: 61-P-82 POPULATION: LA POSTA-1 TRIAL: IPTT 43

LOCATION : RATTRAY-ARNOLD ZIMBABWE EXP. VARIETY: RATTRAY-ARNOLD 8243

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT
21	10159	5	78	275	158	4.8	4.5	0.0	21.0	2.5	2.5	1.0
40	9740	7	78	265	155	7.9	4.8	0.0	19.5	1.0	3.5	1.1
49	10005	6	77	288	168	0.0	0.0	0.0	20.5	2.0	3.0	1.0
57	8897	9	77	283	163	2.3	2.3	2.3	22.0	2.5	3.0	1.0
100	8829	10	77	268	143	6.3	5.6	0.0	17.0	2.5	2.5	1.0
207	8655	12	75	288	158	2.3	5.3	0.0	20.5	3.0	3.0	1.0
213	8567	13	70	268	158	2.4	16.7	0.0	21.0	2.0	3.0	1.0
226	8339	17	75	265	148	2.5	0.0	9.6	21.0	3.0	2.5	1.0
SEL MEAN	9149	-	76	275	156	3.6	4.9	1.5	20.3	2.3	2.9	1.0
POP MEAN	6756	-	77	268	151	9.0	6.0	1.6	18.4	2.6	3.4	1.0
POP RANGE	10159-	-	79-	300-	178-	41.8-	57.7-	12.5-	22.0-	4.5-	5.0-	1.4-
	4099	-	70	223	120	0.0	0.0	0.0	13.0	1.0	2.0	0.8
CHECK MEAN	10507	-	69	269	141	9.7	1.7	0.8	19.9	2.4	2.8	1.0
BEST CHECK	12347	-	71	278	153	5.0	2.4	0.0	20.0	2.5	2.0	1.0
C.V.	13.1		1.5	5.1	9.2							
5% LSD	1738.5		2.3	26.9	27.2							

BEST CHECK: ZS 206 OTHER CHECKS: SR 52, ZS 225, ZS 107, ZS 202, R 201

TABLE: 62-P-82 POPULATION: LA POSTA-1 TRIAL: IPTT 43

LOCATION : RATTRAY-ARNOLD ZIMBABWE EXP. VARIETY: RATTRAY-ARNOLD (1) 8234

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT
21	10159	5	78	275	158	4.8	4.5	0.0	21.0	2.5	2.5	1.0
49	10005	6	77	288	168	0.0	0.0	0.0	20.5	2.0	3.0	1.0
40	9740	7	78	265	155	7.9	4.8	0.0	19.5	1.0	3.5	1.1
57	8897	9	77	283	163	2.3	2.3	2.3	22.0	2.5	3.0	1.0
100	8829	10	77	268	143	6.3	5.6	0.0	17.0	2.5	2.5	1.0
207	8655	12	75	288	158	2.3	5.3	0.0	20.5	3.0	3.0	1.0
213	8567	13	70	268	158	2.4	16.7	0.0	21.0	2.0	3.0	1.0
226	8339	17	75	265	148	2.5	0.0	9.6	21.0	3.0	2.5	1.0
175	8306	18	78	273	153	2.4	10.3	5.6	20.0	3.0	3.0	1.0
159	8162	22	75	255	150	9.1	0.0	0.0	21.0	1.0	2.5	1.0
5	8170	21	78	265	140	2.9	0.0	0.0	17.0	2.5	3.0	1.1
14	7938	28	77	270	138	12.7	0.0	0.0	19.5	1.0	2.5	1.0
BEL MEAN	8814	-	76	272	152	4.6	4.1	1.5	20.0	2.2	2.8	1.0
POP MEAN	6756	-	77	268	151	9.0	6.0	1.6	18.4	2.6	3.4	1.0
POP RANGE	10159-	-	79-	300-	178-	41.8-	57.7-	12.5-	22.0-	4.5-	5.0-	1.4-
	4099	-	70	223	120	0.0	0.0	0.0	13.0	1.0	2.0	0.8
CHECK MEAN	10507	-	69	269	141	9.7	1.7	0.8	19.9	2.4	2.8	1.0
BEST CHECK	12347	-	71	278	153	5.0	2.4	0.0	20.0	2.5	2.0	1.0
C.V.	13.1		1.5	5.1	9.2							
5% LSD	1738.5		2.3	26.9	27.2							

BEST CHECK: ZS 206 OTHER CHECKS: SR 52, ZS 225, ZS 107, ZS 202, R201

TABLE: 63-P-82 POPULATION: TEMP BLANCO DENT-2 TRIAL: IPTT 44

LOCATION : SIDS EGYPT EXP. VARIETY: SIDS(1) 8244

1CO-OPERATOR: EGYPTIAN NATIONAL MAIZE PROGRAM

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	RAT DAMAGED EARS %	%EAR ROT	PLANTS HARV	%BAD H. C.	SMUT %	CEPH %	PLANT ASPECT	PLNTS GERM
24	8851	45	60	228	116	2.6	2.4	18.0	0.0	0.0	0.0	3.0	18.0
47	7786	117	61	196	92	0.0	0.0	16.5	0.0	2.8	0.0	3.0	18.0
86	9615	16	60	227	118	3.3	3.3	17.0	0.0	11.5	0.0	2.5	16.5
87	8737	50	61	212	109	5.6	4.5	19.0	0.0	0.0	0.0	3.0	20.5
103	9144	28	60	206	95	11.8	0.0	18.5	0.0	0.0	0.0	2.5	19.5
108	10880	2	63	226	113	0.0	0.0	21.5	0.0	0.0	0.0	3.0	22.0
140	8765	47	59	213	108	23.5	0.0	20.0	0.0	0.0	5.1	3.5	21.5
175	8434	64	62	219	109	3.1	8.7	18.0	0.0	5.3	0.0	2.5	20.0
218	9005	34	62	228	113	5.0	0.0	19.0	0.0	0.0	2.3	3.5	21.5
250	8846	46	61	226	108	10.3	0.0	19.5	0.0	0.0	2.6	3.0	21.0
SEL MEAN	9006	-	61	218	108	6.5	1.9	18.7	0.0	2.0	1.0	3.0	19.9
POP MEAN	7580	-	62	222	110	8.0	2.7	16.9	0.0	1.7	3.9	3.2	18.3
POP RANGE	10967-	-	69-	255-	134-	85.0-	16.1-	21.5-	0.0-	21.9-	47.5-	4.5-	25.0-
	3638	-	55	174	86	0.0	0.0	7.5	0.0	0.0	0.0	1.5	8.5
CHECK MEAN	7852	-	61	231	114	2.1	4.8	16.1	0.0	3.1	1.9	2.8	17.5
BEST CHECK	8483	-	61	234	121	3.8	3.8	15.0	0.0	0.0	0.0	2.5	15.0
C.V.	18.0		2.7	4.2	6.8								
5% LSD	2681.7		3.4	18.2	14.7								

BEST CHECK: PIONEER-514 OTHER CHECKS: EV-2, EV-4, EV-5, DC-201, EV-3

TABLE: 64-P-82 POPULATION: TEMP BLANCO DENT-2 TRIAL: IPTT 44

LOCATION : CHITEDZE MALAWI EXP. VARIETY: CHITEDZE 8244

1CO-OPERATOR: WG. NHLANE

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC SORG	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H. C.
41	8873	8	62	218	105	2.4	0.0	0.0	2.0	3.0	19.0	1.0	4.8
110	8824	9	62	202	103	0.0	0.0	0.0	3.5	2.5	22.0	1.5	13.6
126	8280	26	62	200	104	12.2	0.0	0.0	3.0	2.0	20.0	2.0	15.5
224	8712	13	65	207	113	0.0	0.0	0.0	3.5	3.0	21.5	2.5	4.8
231	8673	14	60	206	104	0.0	0.0	0.0	3.5	3.0	22.0	1.5	4.5
238	9313	4	61	211	106	4.7	7.1	0.0	2.5	2.5	21.5	1.5	0.0
245	8154	32	63	213	113	2.3	4.5	0.0	2.5	2.0	21.5	3.0	4.7
249	9443	3	64	221	116	6.8	0.0	0.0	2.5	3.0	22.0	1.5	0.0
SEL MEAN	8784	-	62	209	108	3.5	1.5	0.0	2.9	2.6	21.2	1.8	6.0
POP MEAN	6883	-	63	203	106	14.2	7.1	0.9	2.6	2.6	19.8	2.8	16.3
POP RANGE	10306-	-	71-	248-	132-	64.9-	54.8-	26.3-	3.5-	3.5-	23.0-	4.0-	88.2-
	3905	-	59	164	84	0.0	0.0	0.0	2.0	1.5	13.0	1.0	0.0
CHECK MEAN	7923	-	62	249	146	12.9	0.8	1.1	2.6	2.7	20.3	2.2	7.1
BEST CHECK	8982	-	62	271	167	2.3	0.0	0.0	2.5	2.5	21.5	2.0	6.9
C.V.	12.9		3.8	4.8	6.7								
5% LSD	1743.0		4.7	19.4	14.0								

BEST CHECK: UCA C2 OTHER CHECKS: CCC CO, CCA C3, MH 12, CCB, BANTAM

TABLE: 65-P-82 POPULATION: TEMP BLANCO DENT-2 TRIAL: IPTT 44

LOCATION : CHITEDZE MALAWI EXP. VARIETY: CHITEDZE(1) 8244

1CO-OPERATOR: WG. NHLANE

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC SORG	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H.C.
56	7231	92	65	220	113	14.3	0.0	2.0	2.5	2.0	21.5	2.5	16.3
65	7739	50	60	197	104	9.5	4.8	0.0	2.5	2.5	21.0	2.5	33.3
84	7422	80	60	195	107	6.8	29.5	0.0	2.5	2.0	21.5	3.0	16.7
88	8754	11	63	219	111	10.3	0.0	0.0	3.0	2.5	19.0	1.5	29.4
96	7502	69	62	193	97	8.8	7.5	0.0	3.0	2.0	18.5	1.0	2.5
110	8824	9	62	202	103	0.0	0.0	0.0	3.5	2.5	22.0	1.5	13.6
132	7765	49	64	207	99	4.8	7.1	0.0	3.0	2.5	21.0	3.0	7.1
157	9545	2	68	225	118	38.9	0.0	0.0	2.5	3.0	20.5	1.5	9.6
202	8776	10	63	221	113	16.6	2.3	0.0	2.0	2.5	21.0	1.5	22.0
212	8171	29	65	206	108	16.7	11.1	0.0	3.0	3.0	18.0	2.5	19.4
226	8078	36	65	205	110	38.1	9.5	0.0	3.0	2.5	21.0	2.0	9.5
233	10306	1	61	232	132	7.1	2.4	0.0	2.5	3.0	21.0	1.5	4.8
246	7553	64	64	222	126	10.0	0.0	4.9	2.0	2.0	19.0	2.5	35.0
SEL MEAN	8282	-	63	211	111	14.0	5.7	0.5	2.7	2.5	20.4	2.0	16.9
POP MEAN	6883	-	63	203	106	14.2	7.1	0.9	2.6	2.6	19.8	2.8	16.3
POP RANGE	10306-	-	71-	248-	132-	64.9-	54.8-	26.3-	3.5-	3.5-	23.0-	4.0-	88.2-
	3905	-	59	164	84	0.0	0.0	0.0	2.0	1.5	13.0	1.0	0.0
CHECK MEAN	7923	-	62	249	146	12.9	0.8	1.1	2.6	2.7	20.3	2.2	7.1
BEST CHECK	8982	-	62	271	167	2.3	0.0	0.0	2.5	2.5	21.5	2.0	6.9
C.V.	12.9		3.8	4.8	6.7								
5% LSD	1743.0		4.7	19.4	14.0								

BEST CHECK: UCA C2 OTHER CHECKS: CCC CO, CCA C3, MH 12, CCB, BANTAM

TABLE: 66-P-82 POPULATION: TEMP BLANCO DENT-2 TRIAL: IPTT 44

LOCATION : RATTRAY-ARNOLD ZIMBABWE EXP. VARIETY: RATTRAY-ARNOLD 8244

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT
8	9437	27	69	250	125	7.0	0.0	0.0	21.0	2.5	2.0	1.0
41	10252	14	70	248	145	3.1	4.5	4.5	19.0	1.5	3.0	1.0
78	10476	11	71	260	143	9.8	9.8	6.4	20.5	3.0	2.5	1.1
95	9812	21	71	248	140	19.5	2.5	7.3	21.0	1.5	3.0	1.0
115	9954	20	73	270	150	4.9	2.5	0.0	20.5	1.5	2.0	1.1
203	9349	30	71	250	138	15.3	2.5	9.5	19.5	2.5	3.0	1.1
212	9518	25	72	248	150	19.5	2.5	2.1	20.5	2.0	3.0	1.0
222	9976	19	71	265	150	2.6	2.5	0.0	19.5	3.0	2.5	1.3
226	10573	9	75	248	135	8.1	7.8	2.4	19.0	2.0	3.0	1.2
234	7357	170	73	265	150	21.4	22.3	0.0	18.0	2.0	3.5	1.2
SEL MEAN	9670	-	71	255	143	11.1	5.7	3.2	19.9	2.2	2.8	1.1
POP MEAN	8033	-	72	251	140	17.9	12.2	3.1	18.6	2.3	3.1	1.1
POP RANGE	11355-	-	78-	300-	180-	66.6-	64.7-	21.8-	22.0-	4.5-	5.0-	1.7-
	5186	-	66	208	100	0.0	0.0	0.0	13.0	1.0	1.5	0.7
CHECK MEAN	11830	-	70	280	146	4.6	5.5	1.6	19.2	1.3	2.5	1.0
BEST CHECK	13936	-	72	318	170	2.8	0.0	2.2	19.5	1.0	3.0	1.0
C.V.	12.9		2.0	6.6	11.2							
5% LSD	2043.1		2.8	32.7	30.7							

BEST CHECK: ZS 206 OTHER CHECKS: SR 52, ZS 225, ZS 107, ZS 202, R 201

TABLE: 67-P-82 POPULATION: TEMP BLANCO DENT-2 TRIAL: IPTT 44

LOCATION : RATTRAY-ARNOLD ZIMBABWE EXP. VARIETY: RATTRAY-ARNOLD(1) 8244

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT
41	10252	14	70	248	145	3.1	4.5	4.5	19.0	1.5	3.0	1.0
53	11355	5	73	268	150	10.4	22.5	3.5	18.5	1.5	4.0	1.5
54	10851	8	74	283	158	51.4	14.8	4.9	20.5	2.0	3.5	1.0
64	10297	13	77	250	153	19.6	7.4	0.0	20.5	1.5	3.0	1.1
78	10476	11	71	260	143	9.8	9.8	6.4	20.5	3.0	2.5	1.1
101	10175	16	73	240	148	7.5	18.8	1.9	18.5	3.5	3.5	1.4
154	10489	10	76	275	160	22.2	7.6	0.0	20.0	1.5	2.0	1.0
157	11184	6	74	295	180	18.2	6.8	0.0	22.0	1.5	3.5	1.2
202	10899	7	76	283	170	15.3	2.5	0.0	19.5	1.5	4.0	1.5
216	10354	12	71	270	160	14.3	2.5	0.0	21.0	1.5	2.5	1.1
226	10573	9	75	248	135	8.1	7.8	2.4	19.0	2.0	3.0	1.2
231	10173	17	75	215	120	9.5	26.2	4.2	21.0	1.5	3.5	1.1
SEL MEAN	10590	-	74	261	152	15.8	10.9	2.3	20.0	1.9	3.2	1.2
POP MEAN	8033	-	72	251	140	17.9	12.2	3.1	18.6	2.3	3.1	1.1
POP RANGE	11355-	-	78-	300-	180-	66.6-	64.7-	21.8-	22.0-	4.5-	5.0-	1.7-
	5186	-	66	208	100	0.0	0.0	0.0	13.0	1.0	1.5	0.7
CHECK MEAN	11830	-	70	280	146	4.6	5.5	1.6	19.2	1.3	2.5	1.0
BEST CHECK	13936	-	72	318	170	2.8	0.0	2.2	19.5	1.0	3.0	1.0
C.V.	12.9		2.0	6.6	11.2							
5% LSD	2043.1		2.8	32.7	30.7							

BEST CHECK: ZS 206 OTHER CHECKS: SR 52, ZS 225, ZS 107, ZS 202, R 201

TABLE: 68-P-82 POPULATION TEMP BLANCO DENT-2 TRIAL: IPTT 44

YEAR 1982 EXP. VARIETY: ACROSS 8244

COUNTRY-SITE CODES

20712	- MEXICO	TLALTIZAPAN
504 1	- EGYPT	SIDS
726 1	- ZIMBABWE	RATTRAY-ARNOLD
710 1	- MALAWI	CHITEDZE

PROG	KG/HA					DAYS TO SILK					PLANT HEIGHT				
	20712	50401	72601	71001	MEAN	20712	50401	72601	71001	MEAN	20712	50401	72601	71001	MEAN
33	9009	9316	8965	6236	8381	60	63	71	63	64	215	227	255	204	225
108	8610	10880	8777	8110	9094	61	63	73	63	65	227	226	258	211	230
155	9183	8901	6816	6447	7837	59	58	68	62	61	232	226	245	204	227
168	9347	9800	8153	6033	8333	60	63	74	68	66	232	231	245	201	227
196	9388	9002	8322	6504	8304	61	64	72	66	66	225	219	253	194	223
201	8897	8968	9088	7356	8577	58	63	70	64	64	229	222	260	207	229
226	8349	10815	10573	8078	9454	63	63	75	65	66	218	234	248	205	226
237	9133	9531	7941	6226	8208	62	65	71	64	65	222	207	228	190	212
242	10184	9010	8302	8663	9040	60	62	71	66	64	228	217	268	209	230
247	9712	8086	9337	6967	8525	60	63	70	61	63	225	234	255	208	230
SEL MEAN	9181	9431	8627	7062	8575	60	63	71	64	65	225	224	251	203	226
POP MEAN	7827	7573	7942	6858	7550	60	63	72	63	64	223	221	250	202	224
CHECK MEAN	7181	7852	11830	7923	8697	61	61	70	62	63	221	231	280	249	245
BEST CHECK	8044	8483	13936	8982	9861	60	61	72	62	64	219	234	318	271	260
CV	14.1	18.0	12.9	12.9	14.5										
LSD(5%)	2164	2682	2043	1743	2158										

TABLE: 69-P-82 POPULATION: AMARILLO BAJIO-2 TRIAL: IPTT 45

LOCATION : CHUQUISACA BOLIVIA EXP. VARIETY: CHUQUISACA B245

4CO-OPERATOR: ALBERTO HINOJOSA

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
2	9690	9	54	185	98	2.2	0.0	0.0	23.5	1.2
12	10648	2	55	190	100	2.4	0.0	6.5	20.5	1.1
17	10680	1	54	210	105	2.3	0.0	12.3	22.5	1.1
77	9544	11	53	210	110	5.0	2.3	4.7	21.0	1.0
96	9869	5	54	205	100	2.6	0.0	7.5	20.0	1.0
185	9627	10	54	215	110	0.0	0.0	0.0	23.0	1.0
190	10185	3	54	215	113	4.7	0.0	4.0	21.5	1.2
193	9843	6	55	215	110	0.0	0.0	4.1	22.0	1.1
194	9745	8	54	205	100	0.0	0.0	9.4	21.5	1.0
205	9831	7	55	215	105	0.0	0.0	8.5	21.0	1.1
SEL MEAN	9966	-	54	207	105	1.9	0.2	5.7	21.6	1.1
POP MEAN	7305	-	53	198	100	2.2	0.3	7.4	20.2	1.0
POP RANGE	10680-	-	57-	230-	123-	16.3-	16.7-	34.7-	23.5-	1.4-
	4286	-	52	163	73	0.0	0.0	0.0	14.5	0.8
CHECK MEAN	6538	-	19	245	147	0.0	0.0	1.9	17.8	1.2
BEST CHECK	8055	-	58	230	150	0.0	0.0	6.3	19.0	0.6
C.V.	17.2		1.8	7.5	10.1					
5% LSD	2472.1		1.9	29.3	19.9					

BEST CHECK: C-103 OTHER CHECKS: C-101, C-102, C-103, C-104, C-105, C-106

TABLE: 70-P-82 POPULATION: AMARILLO BAJIO-2 TRIAL: IPTT 45

LOCATION CAPINOPOLIS BRAZIL EXP. VARIETY: CAPINOPOLIS 8245

2CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	PLANT ASPECT	EARS/ PLNT
7	5342	8	48	208	100	6.3	0.0	0.0	24.0	2.0	0.9
64	5277	10	49	195	93	7.1	0.0	0.0	21.0	3.0	1.0
71	4949	16	46	186	87	2.2	0.0	0.0	23.5	3.0	1.0
128	5036	14	47	205	100	4.2	0.0	0.0	24.0	2.5	0.9
138	5341	9	46	205	100	4.0	0.0	0.0	25.0	3.0	0.9
182	5214	12	46	210	100	0.0	0.0	0.0	22.0	3.0	0.8
186	5189	13	49	199	97	4.5	0.0	0.0	22.0	2.5	1.0
190	6047	4	47	187	86	0.0	0.0	2.2	24.0	2.5	1.0
207	5555	5	48	203	104	0.0	0.0	0.0	21.5	3.0	0.9
228	5227	11	46	189	93	6.6	0.0	0.0	23.0	2.5	1.0
SEL MEAN	5318	-	47	198	96	3.5	0.0	0.2	23.0	2.7	0.9
POP MEAN	3687	-	47	197	94	7.5	0.1	2.8	21.8	2.9	0.9
POP RANGE	6571-	-	49-	225-	117-	50.4-	4.5-	23.9-	25.0-	4.0-	1.3-
	1946	-	46	169	71	0.0	0.0	0.0	14.0	1.5	0.6
CHECK MEAN	5363	-	49	239	146	3.0	0.0	1.8	22.0	2.8	1.0
BEST CHECK	6528	-	49	243	164	4.2	0.0	0.0	24.0	2.5	1.2
C.V.	13.9		1.8	4.3	8.3						
5% LSD	1010.8		1.7	16.7	15.4						

BEST CHECK: AG 403 OTHER CHECKS: AG 401, COMP PT

TABLE: 29-P-82 (REV.)* POPULATION: AMARILLO BAJIO-2 TRIAL: IPTT 45

LOCATION : SIDS EGYPT EXP. VARIETY: SIDS 8245

1CO-OPERATOR: EGYPTIAN NATIONAL MAIZE PROGRAM

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	RAT DAMAGED EARS %	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	SMUT %	CEPH %	PLANT ASPECT
26	7750	23	55	190	80	8.8	0.0	17.5	2.0	0.0	0.0	2.8	2.5
62	8047	17	54	178	70	17.0	0.0	20.0	2.5	25.0	0.0	0.0	3.0
89	7677	25	55	195	93	6.1	3.6	17.5	2.5	14.3	0.0	2.4	3.0
142	8780	4	56	200	90	0.0	0.0	17.5	3.0	2.6	0.0	2.6	3.0
157	8724	6	55	200	83	0.0	0.0	19.0	2.5	3.1	0.0	8.5	2.5
180	7848	20	56	208	95	2.9	0.0	17.5	2.0	22.5	0.0	5.9	3.0
190	8613	7	56	193	90	2.4	2.5	17.0	3.0	5.6	0.0	0.0	2.0
194	8399	10	55	203	90	12.5	4.2	16.0	2.5	34.3	0.0	0.0	3.0
232	8869	3	56	215	105	5.4	2.9	19.0	3.0	10.5	0.0	0.0	2.5
234	8220	14	56	218	90	3.1	0.0	15.0	1.5	7.7	0.0	0.0	2.5
SEL MEAN	8293	-	55	200	89	5.8	1.3	17.6	2.5	12.6	0.0	2.2	2.7
POP MEAN	5530	-	55	190	86	10.1	2.4	12.2	2.9	19.8	0.6	6.9	3.1
POP RANGE	8869-	-	63-	218-	108-	61.1-	22.5-	20.0-	4.0-	100.0-	20.0-	75.0-	5.0
	796	-	50	158	68	0.0	0.0	1.0	1.5	0.0	0.0	0.0	2.0
CHECK MEAN	7407	-	59	233	112	4.7	3.0	13.5	2.9	10.0	2.0	2.2	2.7
BEST CHECK	9765	-	61	245	123	5.0	4.8	17.0	3.0	5.9	0.0	2.9	2.5
C.V.	22.8		2.5	5.2	8.5								
5% LSD	2479.7		2.7	19.4	14.3								

BEST CHECK: EV-2 OTHER CHECKS: EV-3, EV-4, EV-5, PIONEER-514, DC-201

* REVISION of same table in 1982 Preliminary Report.

TABLE: 71-P-82 POPULATION: AMARILLO BAJIO-2 TRIAL: IPTT 45

LOCATION : SIDS EGYPT EXP. VARIETY: SIDS(1) 8245

1CO-OPERATOR: EGYPTIAN NATIONAL MAIZE PROGRAM

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	RAT DAMAGED EARS %	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	SMUT %	CEPH %	PLANT ASPECT
32	7564	29	52	178	85	11.6	0.0	16.0	2.0	12.7	0.0	0.0	3.0
43	5956	102	55	165	73	0.0	3.6	11.0	2.5	14.2	0.0	0.0	2.5
105	6303	90	53	183	80	5.0	0.0	12.0	2.5	23.6	0.0	0.0	3.0
169	7183	42	53	195	88	2.9	0.0	16.0	3.0	3.3	0.0	0.0	3.5
170	7635	26	52	185	80	2.6	0.0	15.0	3.0	0.0	0.0	3.3	3.0
173	6882	58	54	188	88	3.8	0.0	14.0	2.0	20.8	0.0	6.3	2.5
181	6815	64	54	175	75	6.3	0.0	14.0	2.5	18.7	0.0	0.0	2.5
187	7500	33	53	180	78	2.9	0.0	14.5	2.5	10.8	0.0	3.1	3.5
213	7375	35	53	185	88	16.3	0.0	15.5	2.0	0.0	0.0	3.3	2.5
222	6849	63	54	175	80	0.0	0.0	13.0	1.5	3.6	3.6	0.0	3.0
SEL MEAN	7006	-	53	181	81	5.1	0.4	14.1	2.3	10.8	0.4	1.6	2.9
POP MEAN	5530	-	55	190	86	10.1	2.4	12.2	2.9	19.8	0.6	6.9	3.1
POP RANGE	8869-	-	63-	218-	108-	61.1-	22.5-	20.0-	4.0-	100.0-	20.0-	75.0-	5.0-
	796	-	50	158	68	0.0	0.0	1.0	1.5	0.0	0.0	0.0	2.0
CHECK MEAN	7407	-	59	233	112	4.7	3.0	13.5	2.9	10.0	2.0	2.2	2.7
BEST CHECK	9765	-	61	245	123	5.0	4.8	17.0	3.0	5.9	0.0	2.9	2.5
C. V.	22.8		2.5	5.2	8.5								
5% LSD	2479.7		2.7	19.4	14.3								

BEST CHECK: EV-2 OTHER CHECKS: EV-3, EV-4, EV-5, PIONEER-514, DC 201

TABLE: 72-P-82 POPULATION: AMARILLO BAJIO-2 TRIAL: IPTT 45

LOCATION : HYDERABAD INDIA EXP. VARIETY: HYDERBAD 8245

4CO-OPERATOR: KISHEN NAR AYAN

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT
2	5235	12	73	176	99	2.5	18.0	3.0	3.0	18.5	1.0
40	5234	13	69	184	85	2.5	16.0	2.5	3.0	17.0	1.0
49	5489	4	67	188	80	3.0	15.0	2.5	3.0	15.5	1.0
58	5390	6	71	185	90	2.6	18.5	3.0	3.0	18.5	1.0
63	5622	3	68	158	73	2.9	16.5	2.5	3.0	18.0	1.0
126	5284	10	72	169	70	2.5	16.0	3.0	2.5	17.0	1.1
194	6099	2	70	171	80	2.6	18.5	3.0	2.5	18.5	1.0
201	5228	14	68	173	84	2.9	18.5	3.0	3.0	19.5	1.0
209	5285	9	70	181	85	3.0	16.0	3.0	3.0	17.0	1.0
227	5242	11	71	179	83	2.9	17.0	2.5	3.0	17.5	1.0
SEL MEAN	5411	-	70	176	83	2.7	17.0	2.8	2.9	17.7	1.0
POP MEAN	3916	-	72	173	80	2.7	12.6	3.0	2.7	13.8	1.0
POP RANGE	6099-	-	82-	215-	103-	3.0-	18.5-	3.5-	3.0-	20.0-	1.1-
	900	-	67	135	55	2.5	2.5	2.0	2.0	2.5	0.8
CHECK MEAN	4564	-	74	202	105	2.6	14.4	3.1	3.0	15.3	1.0
BEST CHECK	6641	-	77	215	95	2.5	17.5	2.5	3.0	20.0	1.0
C.V.	22.0		4.1	10.4	16.8		22.7				
5% LSD	1694.8		5.8	35.3	26.5		5.6				

BEST CHECK: DHM 103 OTHER CHECKS: GANGA 5, GANGA 9, VIJAY COMP, GANGA SAFED-2, LOCAL

TABLE: 73-P-82 POPULATION: AMARILLO BAJIO-2 TRIAL: IPTT 45

LOCATION : ISLAMABAD PAKISTAN EXP. VARIETY: ISLAMABAD 8245

5CO-OPERATOR: DR. M. QASIM CHATHA

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	HELM TURC	PLANTS HARV	EAR ASPCT	PLNTS GERM
9	5276	9	58	133	63	0.0	4.5	2.3	1.5	2.0	21.0	2.5	22.5
40	6117	1	58	138	68	0.0	11.2	7.8	5.0	2.5	22.5	2.0	23.0
111	5242	10	58	140	60	2.2	4.7	9.1	2.0	1.5	21.5	2.0	21.5
144	5435	5	57	142	70	2.3	11.4	2.1	3.0	1.0	22.0	2.5	23.0
156	5055	14	57	146	73	7.0	11.4	7.9	2.0	1.0	21.0	3.5	23.5
165	4731	24	58	135	60	4.8	0.0	0.0	1.5	2.0	22.0	2.5	23.0
179	4792	23	58	150	78	9.3	2.3	0.0	3.5	2.0	21.5	2.5	22.5
201	4915	19	57	145	73	2.5	2.5	0.0	1.5	3.0	20.5	2.5	20.5
213	4960	18	58	135	63	2.4	11.7	4.0	2.0	2.0	21.5	2.5	23.0
221	4886	21	59	146	78	2.8	8.3	0.0	4.0	1.0	17.0	2.5	17.5
SEL MEAN	5141	-	58	141	68	3.3	6.8	3.3	2.6	1.8	21.0	2.5	22.0
POP MEAN	3559	-	59	130	62	11.1	14.8	4.9	2.9	1.9	18.4	3.4	20.3
POP RANGE	6117-	-	65-	160-	88-	40.2-	47.5-	36.1-	5.0-	3.0-	23.5-	5.0-	24.5
	1128	-	56	97	40	0.0	0.0	0.0	1.0	1.0	10.5	2.0	14.0
CHECK MEAN	2485	-	58	135	60	16.0	11.0	6.6	2.6	2.3	17.3	4.0	18.8
BEST CHECK	3644	-	58	138	65	8.8	6.1	2.4	2.5	2.0	16.5	4.0	17.5
C.V.	24.8		3.1	9.0	17.4								
5% LSD	1736.5		3.5	22.9	21.2								

BEST CHECK: PIRSABAK 793 OTHER CHECKS: POOL 17, AGATI 72, SUNEHEI, SAEHAD YELLOW, NEW SHAHEEN

TABLE: 74-P-82 POPULATION: AMARILLO BAJIO-2 TRIAL: IPTT 45

LOCATION : ISLAMABAD PAKISTAN EXP. VARIETY: ISLAMABAD(1) 8245

5CO-OPERATOR: DR. M. QASIM CHATHA

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	HELM TURC	PLANTS HARV	EAR ASPCT	PLNTS GERM
9	5276	9	58	133	63	0.0	4.5	2.3	1.5	2.0	21.0	2.5	22.5
17	5236	11	58	131	63	0.0	22.0	4.6	3.5	2.0	20.5	2.5	21.5
52	5131	12	57	124	58	7.5	17.3	8.3	2.0	2.0	20.5	3.0	22.0
69	4851	22	58	138	65	4.8	20.9	2.5	3.0	1.5	21.0	2.5	23.0
111	5242	10	58	140	60	2.2	4.7	9.1	2.0	1.5	21.5	2.0	21.5
148	5297	7	58	135	68	0.0	0.0	0.0	2.0	2.0	20.0	2.5	20.5
201	4915	19	57	145	73	2.5	2.5	0.0	1.5	3.0	20.5	2.5	20.5
243	4915	20	59	130	55	4.2	16.7	0.0	3.0	2.0	22.0	3.0	22.0
SEL MEAN	5108	-	58	134	63	2.7	11.1	3.4	2.3	2.0	20.9	2.6	21.7
POP MEAN	3559	-	59	130	62	11.1	14.8	4.9	2.9	1.9	18.4	3.4	20.3
POP RANGE	6117-	-	65-	160-	88-	40.2-	47.5-	36.1-	5.0-	3.0-	23.5-	5.0-	24.5-
	1128	-	56	97	40	0.0	0.0	0.0	1.0	1.0	10.5	2.0	14.0
CHECK MEAN	2485	-	58	135	60	16.0	11.0	6.6	2.6	2.3	17.3	4.0	18.8
BEST CHECK	3644	-	58	138	65	8.8	6.1	2.4	2.5	2.0	16.5	4.0	17.5
C.V.	24.8		3.1	9.0	17.4								
5% LSD	1736.5		3.5	22.9	21.2								

BEST CHECK: SARHAD (Y) OTHER CHECKS: SARHAD (W), GOLDEN PEARL, HRC, PS 80, DEHGAN

TABLE: 75-P-82 POPULATION: AMARILLO BAJIO-2 TRIAL: IPTT 45

YEAR: 1982 EXP. VARIETY: ACROSS 8245

COUNTRY-SITE CODES

20712	- MEXICO	TLALTIZAPAN
504 1	- EGYPT	SIDS
807 5	- PAKISTAN	ISLAMABAD
10322	- BRAZIL	CAPINOPOLIS

PROG	KG/HA					DAYS TO SILK					PLANT HEIGHT				
	20712	50401	80705	10322	MEAN	20712	50401	80705	10322	MEAN	20712	50401	80705	10322	MEAN
9	8622	6385	5276	4288	6143	56	57	58	49	55	189	178	133	199	174
24	9209	7406	3246	4047	5977	54	56	60	48	54	184	178	127	188	169
39	8955	7757	4172	4387	6318	54	56	60	47	54	195	193	131	205	181
56	8191	8264	3574	4526	6139	54	53	57	47	53	180	200	126	206	178
142	8088	8780	3470	4016	6088	55	56	60	49	55	203	200	115	194	178
157	8112	8724	3597	3946	6095	54	55	61	47	54	199	200	133	194	182
166	8015	7965	4032	4653	6166	55	57	60	49	55	194	208	138	205	186
190	9126	8613	3113	6047	6725	55	56	61	47	55	195	193	113	187	172
200	8485	6461	5352	3877	6044	52	54	57	47	52	184	183	138	193	174
213	8405	7375	4960	3457	6049	54	53	58	47	53	198	185	135	198	179
SEL MEAN	8521	7773	4079	4324	6174	54	55	59	47	54	192	192	129	197	177
POP MEAN	7620	5485	3585	3646	5084	54	55	59	47	54	192	189	129	196	177
CHECK MEAN	8191	7407	2485	5363	5859	55	59	58	49	55	195	233	135	239	201
BEST CHECK	9889	9765	3644	6528	7457	55	61	58	49	56	203	245	138	243	207
CV	12.0	22.8	24.8	13.9	18.4										
LSD(5%)	1808	2480	1737	1011	1759										

TABLE: 76-P-82 POPULATION: TEMP BLANCO DENTADO TRIAL: IPTT 47

LOCATION : POTCHEFSTROOM REP. S. AFRICA EXP. VARIETY: POTCHEFSTROOM 8247

1CO-OPERATOR: DR. A. P. FOURIE

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	SMUT %	PLNTS GERM	EARS/ PLNT
97	2849	13	68	199	70	0.0	0.0	0.0	12.0	0.0	0.0	78.3	1.0
67	3125	1	67	182	82	0.0	0.0	0.0	11.5	0.0	0.0	81.4	1.0
68	3008	3	65	167	65	0.0	0.0	0.0	12.0	0.0	4.2	78.9	0.9
103	2850	12	65	190	80	4.2	0.0	0.0	11.0	0.0	0.0	79.6	1.1
154	2875	11	67	185	77	8.3	0.0	0.0	12.0	0.0	0.0	76.6	1.1
161	2904	7	68	185	89	4.2	0.0	0.0	12.0	0.0	0.0	78.8	1.0
191	2924	5	68	188	91	8.3	0.0	0.0	12.0	4.2	0.0	74.4	1.0
207	2988	4	68	186	81	4.2	0.0	0.0	12.0	0.0	0.0	76.2	1.1
239	3036	2	67	187	79	4.2	0.0	0.0	11.5	0.0	0.0	78.3	1.1
242	2881	8	68	182	68	8.7	0.0	0.0	11.5	0.0	0.0	79.0	1.1
SEL MEAN	2944	-	67	185	78	4.2	0.0	0.0	11.8	0.4	0.4	78.2	1.0
POP MEAN	2303	-	68	190	78	7.6	0.2	0.8	11.4	0.7	0.4	78.4	1.0
POP RANGE	3125-	-	74-	244-	97-	50.0-	9.1-	13.6-	12.0-	16.7-	9.1-	84.8-	1.2-
	1121	-	64	163	55	0.0	0.0	0.0	9.0	0.0	0.0	71.0	0.7
CHECK MEAN	2479	-	71	196	77	10.1	1.4	0.0	11.4	0.7	0.0	82.2	1.0
BEST CHECK	2764	-	69	177	66	0.0	0.0	0.0	12.0	0.0	0.0	81.0	1.1
C.V.	14.2		1.8	6.1	12.5								
5% LSD	645.4		2.4	22.8	19.1								

BEST CHECK: A471W OTHER CHECKS: TX-9, PNP 473, REGOP 49, PP X K64R, SABI 707

TABLE: 77-P-82 POPULATION: TEMP BLANCO DENTADO TRIAL: IPTT 47

LOCATION : UDAIPUR INDIA EXP. VARIETY: UDAIPUR 8247

SCO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STALK ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT
27	10748	1	111	220	83	0.0	16.0	1.5	2.2
36	9855	9	111	195	88	0.0	19.0	1.5	1.8
94	10538	3	114	198	90	0.0	16.5	1.6	2.4
104	9744	11	115	189	84	0.0	19.5	1.5	2.0
106	9962	8	108	205	90	5.6	19.0	1.6	1.5
136	10620	2	113	203	75	0.0	18.5	1.5	2.3
148	9761	10	116	200	100	0.0	17.5	1.3	2.3
177	9618	12	112	215	95	0.0	16.0	1.8	2.3
183	10396	4	115	184	83	0.0	18.0	1.5	1.8
222	9536	13	112	210	80	0.0	19.0	1.4	2.5
SEL MEAN	10078	-	113	202	87	0.6	17.9	1.5	2.1
POP MEAN	7089	-	113	204	90	2.1	16.2	1.7	2.3
POP RANGE	10748-	-	121-	233-	128-	26.7-	20.0-	2.5-	3.5-
	2339	-	106	163	55	0.0	11.0	1.3	1.5
CHECK MEAN	6421	-	122	235	122	1.0	14.8	2.1	2.5
BEST CHECK	8636	-	118	225	110	5.9	18.0	2.2	2.7
C.V.	8.8		2.0	7.0	14.9		10.8		
5% LSD	1231.7		4.5	28.2	26.3		3.4		

BEST CHECK: OTHER CHECKS:

TABLE: 78-P-82 POPULATION: TEMP BLANCO DENTADO TRIAL: IPTT 47

YEAR: 1982 EXP. VARIETY: ACROSS 8247

COUNTRY-SITE CODES

20712 - MEXICO TLALTIZAPAN
714 1 - REP. S. AFRICA POTCHEFSTROOM
80415 - INDIA UDAIPUR

PROG	KG/HA				DAYS TO SILK				PLANT HEIGHT			
	20712	71401	80415	MEAN	20712	71401	80415	MEAN	20712	71401	80415	MEAN
8	9111	2121	8365	6532	55	69	114	79	196	191	200	196
35	9040	2246	7022	6103	57	68	116	80	221	185	220	209
72	9393	2068	8586	6682	54	68	112	78	210	189	175	191
94	8526	2269	10538	7111	56	69	114	79	202	178	198	192
135	8688	2510	7795	6331	53	70	112	78	198	199	190	196
136	8290	2399	10620	7103	55	69	113	79	216	192	203	203
248	9166	2069	7447	6227	56	68	117	80	215	189	210	205
249	8952	2246	7531	6243	56	67	112	78	219	190	220	210
SEL MEAN	8896	2241	8488	6542	55	68	113	79	209	189	202	200
POP MEAN	7479	2299	7105	5628	55	68	113	78	205	190	203	199
CHECK MEAN	6869	2479	6421	5257	55	71	122	83	199	196	235	210
BEST CHECK	8032	2764	8636	6477	55	69	118	80	210	177	225	204
CV	13.4	14.2	8.8	12.1								
LSD(5%)	1964	645	1232	1280								

TABLE: 79-P-82 POPULATION: COMP DE HUMGARY TRIAL: IPTT 48

LOCATION : PIRSABAK PAKISTAN EXP. VARIETY: PIRSABAK 8248

1CO-OPERATOR: M. SALIM CCRI PIRSABAK

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
6	4647	29	52	180	78	8.5	0.0	17.5	1.0
40	5657	3	51	165	85	5.1	0.0	19.5	0.9
44	5085	16	49	176	85	15.2	0.0	20.0	1.1
50	5296	9	51	158	78	16.4	2.5	18.0	1.0
62	5361	6	52	174	90	11.1	0.0	18.5	0.9
79	5425	5	51	174	95	18.4	0.0	19.0	1.0
82	6023	2	52	178	90	13.6	0.0	21.0	1.0
118	4965	18	52	158	80	16.1	0.0	19.0	1.0
147	5280	11	50	163	80	7.5	0.0	20.0	0.9
210	4599	31	50	180	95	13.9	0.0	19.5	1.0
SEL MEAN	5234	-	51	171	86	12.6	0.3	19.2	1.0
POP MEAN	3783	-	50	163	78	31.9	0.2	16.6	0.9
POP RANGE	6098-	-	59-	190-	100-	81.6-	6.7-	21.0-	1.3-
	1136	-	45	129	50	0.0	0.0	10.5	0.7
CHECK MEAN	4920	-	55	171	88	26.4	0.0	16.9	0.9
BEST CHECK	5297	-	59	166	100	21.6	0.0	19.0	0.8
C.V.	17.6		3.5	7.3	12.8				
5% LSD	1315.5		3.4	23.5	19.7				

BEST CHECK: SARHAD (Y) OTHER CHECKS: SARHAD (W), GOLDEN PEARL, HRC, PS 80, DEHGAN

TABLE: 80-P-82 POPULATION: COMP DE HUMGARY TRIAL: IPTT 48

LOCATION : PIRSABAK PAKISTAN EXP. VARIETY: PIRSABAK (1) 8248

1CO-OPERATOR: M. SALIM CCRI PIRSABAK

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
15	4533	35	52	154	70	14.6	0.0	17.5	1.0
40	5657	3	51	165	85	5.1	0.0	19.5	0.9
53	4910	20	49	189	100	19.9	0.0	17.5	1.0
66	5090	14	54	177	75	11.7	0.0	16.0	1.0
82	6023	2	52	178	90	13.6	0.0	21.0	1.0
112	4861	22	49	136	65	9.2	0.0	21.0	0.9
118	4965	18	52	158	80	16.1	0.0	19.0	1.0
147	5280	11	50	163	80	7.5	0.0	20.0	0.9
151	6098	1	52	181	98	18.7	0.0	19.5	1.0
156	4842	24	49	171	93	18.1	0.0	18.0	1.0
168	4436	45	51	156	80	14.3	0.0	21.0	1.0
202	4395	49	50	174	90	14.1	0.0	17.5	1.0
SEL MEAN	5091	-	51	167	84	13.6	0.0	19.0	1.0
POP MEAN	3783	-	50	163	78	31.9	0.2	16.6	0.9
POP RANGE	6098-	-	59-	190-	100-	81.6-	6.7-	21.0-	1.3-
	1136	-	45	129	50	0.0	0.0	10.5	0.7
CHECK MEAN	4920	-	55	171	88	26.4	0.0	16.9	0.9
BEST CHECK	5297	-	59	166	100	21.6	0.0	19.0	0.8
C.V.	17.6		3.5	7.3	12.8				
5% LSD	1315.5		3.4	23.5	19.7				

BEST CHECK: PIRSABAK 793 OTHER CHECKS: POOL 17, AGATI 72, SUNEHEI, SAEHAD YELLOW, NEW SHAHEEN

TABLE: 81-P-82 POPULATION: COMP DE HUMGARY TRIAL: IPTT 48

LOCATION : PIRSABAK PAKISTAN EXP. VARIETY: PIRSABAK(2) 8248

1CO-OPERATOR: M. SALIM CCRI PIRSABAK

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
21	3619	147	51	157	75	18.3	0.0	16.5	0.9
39	4455	43	50	138	70	2.9	2.8	17.5	1.0
53	4910	20	49	189	100	19.9	0.0	17.5	1.0
66	5090	14	54	177	75	11.7	0.0	16.0	1.0
151	6098	1	52	181	98	18.7	0.0	19.5	1.0
168	4436	45	51	156	80	14.3	0.0	21.0	1.0
202	4395	49	50	174	90	14.1	0.0	17.5	1.0
213	4224	70	51	153	83	24.0	0.0	18.0	0.9
SEL MEAN	4653	-	51	166	84	15.5	0.3	17.9	1.0
POP MEAN	3783	-	50	163	78	31.9	0.2	16.6	0.9
POP RANGE	6098-	-	59-	190-	100-	81.6-	6.7-	21.0-	1.3-
	1136	-	45	129	50	0.0	0.0	10.5	0.7
CHECK MEAN	4920	-	55	171	88	26.4	0.0	16.9	0.9
BEST CHECK	5297	-	59	166	100	21.6	0.0	19.0	0.8
C.V.	17.6		3.5	7.3	12.8				
5% LSD	1315.5		3.4	23.5	19.7				

BEST CHECK: SARHAD (Y) OTHER CHECKS: SARHAD (W), GOLDEN PEARL, HRC, PS 80, DEHGAN

TABLE: 82-P-82 POPULATION: COMP DE HUMCARY TRIAL: IPTT 48

LOCATION : ADAPAZARI TURKEY EXP. VARIETY: ADAPAZARI 8248

2CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	STALK ROT	HUSK COVER	HELM TURC	PLANTS HARV	EAR ASPCT	SMUT %	PLANT ASPECT
2	10988	8	62	230	104	2.3	4.5	1.5	2.5	20.0	1.0	0.0	3.0
39	10917	13	61	215	106	2.4	10.3	2.0	2.5	19.5	2.0	0.0	2.5
107	10821	15	61	230	126	4.5	7.8	2.5	2.5	19.5	2.0	0.0	3.0
118	10820	16	60	215	107	0.0	2.5	4.5	2.0	19.0	2.5	0.0	2.0
169	11004	6	60	225	101	7.4	12.8	2.5	3.5	19.5	2.5	0.0	2.5
187	10957	10	62	225	120	0.0	8.2	4.0	3.5	18.5	1.5	2.6	2.0
201	10956	11	61	225	109	0.0	7.9	2.0	2.0	19.0	1.0	2.6	2.5
234	11054	3	61	215	98	0.0	7.1	2.0	2.5	21.0	2.0	0.0	2.0
246	12037	1	62	225	122	0.0	2.5	2.0	3.0	19.5	2.0	5.1	3.5
247	10817	17	61	230	114	2.3	5.3	1.5	3.0	19.0	1.5	2.6	2.5
SEL MEAN	11037	-	61	224	111	1.9	6.9	2.5	2.7	19.5	1.8	1.3	2.5
POP MEAN	9013	-	61	218	104	2.7	8.9	2.4	2.5	17.9	2.4	2.1	2.8
POP RANGE	12037-	-	64-	250-	134-	16.7-	28.6-	5.0-	5.0-	22.0-	5.0-	14.1-	4.5
	5311	-	55	180	70	0.0	0.0	1.0	1.5	12.5	1.0	0.0	1.5
CHECK MEAN	9315	-	64	229	115	2.6	5.4	2.0	2.2	16.1	2.3	0.9	2.9
BEST CHECK	10947	-	65	220	122	0.0	5.9	1.5	1.5	16.5	1.5	0.0	1.5
C.V.	13.7		2.0	5.7	12.2								
5% LSD	2438.1		2.4	24.6	25.1								

BEST CHECK: LG-55 OTHER CHECKS: ADA, SAPANCA, K3/74, PX-616, LG-66

TABLE: 83-P-82 POPULATION: COMP DE HUMGARY TRIAL: IPTT 48

LOCATION : ADAPAZARI TURKEY EXP. VARIETY: ADAPAZARI(1) 8248

2CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	STALK ROT	HUSK COVER	HELM TURC	PLANTS HARV	EAR ASPCT	SMUT %	PLANT ASPECT
39	10917	13	61	215	106	2.4	10.3	2.0	2.5	19.5	2.0	0.0	2.5
41	9850	66	61	220	107	7.6	4.9	2.0	3.0	20.5	2.0	2.6	2.5
51	10517	27	62	220	100	2.4	0.0	1.5	2.5	19.5	1.5	2.8	1.5
53	9805	72	62	220	104	0.0	3.3	1.5	2.0	15.0	1.0	3.3	2.0
85	9571	92	60	215	96	5.0	3.1	2.5	2.0	17.0	3.0	3.1	3.0
94	10489	30	57	220	108	2.3	2.3	1.5	3.0	22.0	2.5	0.0	2.5
167	11015	4	61	200	82	2.2	11.6	2.0	2.0	21.5	2.5	0.0	2.5
182	10107	47	60	215	111	0.0	0.0	1.5	2.0	18.5	3.0	0.0	2.5
190	10526	25	60	215	107	2.8	0.0	2.0	3.0	19.5	1.5	0.0	2.0
201	10956	11	61	225	109	0.0	7.9	2.0	2.0	19.0	1.0	2.6	2.5
SEL MEAN	10375	-	60	217	103	2.5	4.3	1.9	2.4	19.2	2.0	1.4	2.3
POP MEAN	9013	-	61	218	104	2.7	8.9	2.4	2.5	17.9	2.4	2.1	2.8
POP RANGE	12037-	-	64-	250-	134-	16.7-	28.6-	5.0-	5.0-	22.0-	5.0-	14.1-	4.5
	5311	-	55	180	70	0.0	0.0	1.0	1.5	12.5	1.0	0.0	1.5
CHECK MEAN	9315	-	64	229	115	2.6	5.4	2.0	2.2	16.1	2.3	0.9	2.9
BEST CHECK	10947	-	65	220	122	0.0	5.9	1.5	1.5	16.5	1.5	0.0	1.5
C.V.	13.7		2.0	5.7	12.2								
5% LSD	2438.1		2.4	24.6	25.1								

BEST CHECK: LG-55 OTHER CHECKS: ADA, SAPANCA, K3/74, PX-616, LG-66

TABLE: 84-P-82 POPULATION: COMP DE HUMCARY TRIAL: IPTT 48

YEAR: 1982 EXP. VARIETY: ACROSS 8248

COUNTRY-SITE CODES

20712 - MEXICO TLALTIZAPAN
807 1 - PAKISTAN PIRSABAK
519 2 - TURKEY ADAPAZARI
10329 - BRAZIL PONTA GROSSA

PROG	KG/HA					DAYS TO SILK					PLANT HEIGHT				
	20712	80701	51902	10329	MEAN	20712	80701	51902	10329	MEAN	20712	80701	51902	10329	MEAN
4	7392	4183	9497	5216	6572	50	52	62	66	57	170	167	225	172	183
16	6994	4005	10363	4755	6529	52	52	62	66	58	175	174	220	172	185
40	6908	5657	8324	6697	6897	52	51	62	65	57	180	165	230	188	191
41	7129	4727	9850	5387	6773	51	52	61	64	57	178	173	220	168	184
62	6299	5361	10261	5739	6915	51	52	61	65	57	175	174	215	162	182
79	6906	5425	9920	3911	6540	52	51	61	66	57	180	174	230	171	189
118	6491	4965	10820	6465	7185	52	52	60	63	57	158	158	215	158	172
163	7727	4257	9980	4605	6642	53	53	62	66	58	168	176	230	165	185
201	6720	4558	10956	4765	6750	53	53	61	65	58	183	171	225	176	189
209	6912	4321	10679	4913	6706	50	52	59	63	56	185	157	210	167	180
SEL MEAN	6948	4746	10065	5245	6751	51	52	61	65	57	175	169	222	170	184
POP MEAN	5932	3756	9005	3810	5626	51	50	60	64	56	165	163	218	160	176
CHECK MEAN	5897	4920	9315	5016	6287	50	55	64	79	62	168	171	229	200	192
BEST CHECK	6891	5297	10947	6826	7490	52	59	65	84	65	168	166	220	223	194
CV	13.3	17.6	13.7	21.7	16.6										
LSD(5%)	1552	1316	2438	1645	1738										

TABLE: 177-V-82

EVT06 YEAR 1982 BOLIVIA STA CRUZ

CO-OPERATOR: ANNE KATRIN LINZEN DE CASTOS

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	%EAR ROT	PUCC POLY	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
13 ACROSS 7729	5017	109	54	10.3	2.8	40.8	1.8	2.0	1.1	28.9
12 ACROSS 8078	4933	107	53	8.7	2.5	42.5	3.3	2.0	1.2	26.7
2 RAMPUR 8075	4688	102	50	10.5	2.8	39.5	2.0	2.0	1.3	27.8
11 ACROSS 8075	4466	97	53	10.8	2.8	39.3	2.5	2.0	1.2	30.0
4 LOS BANOS 8072	4438	96	52	11.7	3.0	41.3	3.0	2.0	1.1	29.2
5 LOS BANOS 8075	4437	96	51	11.0	3.0	40.5	3.5	2.0	1.2	27.1
3 RAMPUR 8078	4418	96	50	10.7	3.5	41.8	4.0	2.0	1.1	26.5
8 SUWAN 8075	4403	96	50	9.7	3.0	39.8	3.0	2.0	1.2	26.5
9 SUWAN 8078	4108	89	51	16.0	3.5	40.5	3.8	2.0	1.1	26.8
10 ACROSS 8072	4094	89	51	15.6	3.3	41.5	3.0	2.0	1.1	27.4
6 LOS BANOS 8078	4071	88	52	8.8	3.8	40.5	3.0	2.0	1.1	26.9
1 DANLI 8072	3787	82	48	16.5	3.8	42.0	3.8	2.0	1.0	26.4
7 SUWAN 8072	3655	79	50	19.5	3.3	41.8	4.3	2.0	1.2	26.3
MEANS	4347	94	51	12.3	3.1	40.9	3.1	2.0	1.1	27.4
MAXIMUM	5017	109	54	19.5	3.8	42.5	4.3	2.0	1.3	30.0
MINIMUM	3655	79	48	8.7	2.5	39.3	1.8	2.0	1.0	26.3
CHECKS (TESTIGOS):										
14 LOCAL CHECK 1	4609	-	59	2.4	2.3	41.0	1.3	2.0	1.0	28.2
15 LOCAL CHECK 2	3678	-	55	13.1	3.0	41.0	2.5	2.0	1.0	27.4
CHECK MEANS	4143	-	56	7.7	2.6	41.0	1.9	2.0	1.0	27.8
5% LSD	1017.2		2.6			4.0				2.7
C.V.	16.5		3.5			6.8				6.8

TABLE: 178-V-82

EVT06 YEAR 1982 COLOMBIA PALMIRA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	STEM LODG	ROOT LODG	%EAR ROT	ENDO HARD	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
6 LOS BANOS 8078	5781	98	55	234	4.6	0.0	1.6	3.0	43.5	2.5	1.1	19.9
12 ACROSS 8078	5551	94	57	239	6.3	1.1	2.3	3.0	44.0	2.8	1.0	21.3
10 ACROSS 8072	5477	93	56	222	2.8	1.7	1.6	3.5	43.8	2.5	1.0	21.2
13 ACROSS 7729	5234	88	58	226	2.9	0.0	6.5	3.8	43.3	2.5	0.9	25.1
11 ACROSS 8075	5181	88	57	231	6.8	0.0	2.2	1.3	44.0	1.8	1.0	21.6
4 LOS BANOS 8072	5118	87	57	218	3.5	0.0	2.9	3.0	43.3	2.8	1.0	21.2
3 RAMPUR 8078	4757	80	56	235	12.6	5.7	2.3	3.0	43.8	2.8	1.0	19.8
9 SUWAN 8078	4729	80	57	234	6.4	0.6	2.4	3.0	42.8	3.0	1.0	20.0
7 SUWAN 8072	4722	80	56	224	7.5	0.0	5.5	2.8	42.8	2.8	1.0	22.4
8 SUWAN 8075	4551	77	57	221	1.2	0.0	2.6	1.8	42.3	2.5	0.9	18.9
1 DANLI 8072	4493	76	54	219	2.9	0.0	5.5	3.3	43.5	3.0	0.9	23.5
2 RAMPUR 8075	4478	76	57	225	4.7	0.6	4.1	1.3	42.8	2.5	1.0	20.7
5 LOS BANOS 8075	4378	74	55	226	5.1	2.8	4.2	1.3	43.8	3.0	1.0	19.1
MEANS	4958	84	56	227	5.2	1.0	3.4	2.6	43.3	2.6	1.0	21.1
MAXIMUM	5781	98	58	239	12.6	5.7	6.5	3.8	44.0	3.0	1.1	25.1
MINIMUM	4378	74	54	218	1.2	0.0	1.6	1.3	42.3	1.8	0.9	18.9
CHECKS (TESTIGOS):												
15 SUWAN X LA POSTA	5915	-	56	233	0.6	0.6	5.0	2.8	41.5	2.5	1.0	20.8
14 ICA H-211	5001	-	59	256	6.3	0.6	9.6	2.3	43.3	3.0	0.9	21.3
CHECK MEANS	5458	-	57	244	3.5	0.6	7.3	2.5	42.4	2.8	0.9	21.0
5% LSD	947.5		1.6	11.5					1.5			2.5
C.V.	13.2		2.0	3.5					2.4			8.4

TABLE: 179-V-82

EVT06 YEAR 1982 HONDURAS TLANQUERA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT	MOIST %
12 ACROSS 8078	4444	126	58	220	113	2.0	3.9	6.2	51.0	3.0	30.1	1.0	20.3
2 RAMPUR 8075	4430	125	59	230	120	2.1	4.1	3.2	49.0	2.0	36.7	1.1	21.5
11 ACROSS 8075	4386	124	58	223	132	2.0	3.9	5.8	51.7	2.0	26.3	1.0	20.5
3 RAMPUR 8078	4067	115	57	222	122	4.4	2.3	6.8	46.7	2.0	39.6	0.9	19.8
9 SUWAN 8078	4053	115	60	199	103	2.2	3.9	8.8	51.0	3.3	33.8	1.0	18.4
1 DANLI 8072	4014	114	57	215	102	0.7	0.0	8.5	49.0	2.3	42.7	1.0	21.6
8 SUWAN 8075	3965	112	59	207	108	2.0	0.0	8.7	47.0	2.0	35.2	1.0	20.4
10 ACROSS 8072	3607	102	60	188	100	1.5	0.8	9.0	44.3	3.0	34.8	1.0	21.5
4 LOS BANOS 8072	3458	98	58	208	110	3.1	0.8	7.7	46.7	3.0	39.2	1.0	20.9
6 LOS BANOS 8078	3284	93	58	222	125	5.3	1.4	8.9	45.3	2.0	35.3	1.0	19.1
13 ACROSS 7729	3160	89	61	190	102	0.8	0.0	11.8	38.0	2.3	32.5	1.0	22.6
5 LOS BANOS 8075	3099	88	59	183	105	0.7	2.0	2.9	48.0	3.0	25.8	1.0	20.7
7 SUWAN 8072	2982	84	60	187	97	2.2	0.7	7.1	45.0	3.7	27.5	0.9	16.8
MEANS	3765	107	59	207	111	2.2	1.8	7.3	47.1	2.6	33.8	1.0	20.3
MAXIMUM	4444	126	61	230	132	5.3	4.1	11.8	51.7	3.7	42.7	1.1	22.6
MINIMUM	2982	84	57	183	97	0.7	0.0	2.9	38.0	2.0	25.8	0.9	16.8
CHECKS (TESTIGOS):													
14 LOCAL CHECK 1	3533	-	62	240	123	1.9	0.0	14.9	40.3	2.3	27.0	1.0	21.1
15 LOCAL CHECK 2	3322	-	62	228	125	8.8	24.3	11.2	41.7	3.0	16.1	0.9	23.3
CHECK MEANS	3427	-	61	234	124	5.4	12.1	13.1	41.0	2.7	21.6	0.9	22.2
5% LSD	1423.0		3.1	31.3	25.9				8.2				3.3
C. V.	22.9		3.1	8.9	13.7				10.6				9.6

TABLE: 180-V-82

EVT06 YEAR 1982 ZAIRE GANDAJIKA

CO-OPERATOR: PNM. ZAIRE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLNTS GERM	MOIST %
4 LOS BANOS 8072	4704	181	62	154	83	22.6	5.7	4.9	2.0	6.6	36.0	2.5	9.7	41.0	21.8
6 LOS BANOS 8078	4432	170	61	170	85	37.3	6.5	9.2	12.2	20.7	30.8	2.5	16.4	41.8	18.6
10 ACROSS 8072	4272	164	61	170	85	31.3	7.2	8.8	8.0	20.0	34.3	3.0	4.6	42.8	21.9
5 LOS BANOS 8075	4178	161	63	165	82	35.1	1.7	8.8	9.4	10.6	32.5	2.8	6.8	41.8	19.7
11 ACROSS 8075	4016	154	62	175	88	25.9	10.0	8.7	7.1	16.7	35.3	2.8	12.1	43.3	19.9
1 DANLI 8072	3964	152	61	163	78	17.1	2.9	10.4	1.5	23.9	33.3	3.0	11.0	40.3	20.1
12 ACROSS 8078	3865	149	62	166	81	17.5	7.8	7.8	12.8	13.0	32.8	2.5	10.6	42.8	19.3
7 SUWAN 8072	3799	146	62	161	78	24.0	3.5	9.7	9.7	15.1	29.8	2.8	5.9	40.5	20.6
3 RAMPUR 8078	3596	138	63	171	85	24.4	4.5	6.3	11.5	21.8	30.5	2.8	13.2	41.0	20.4
2 RAMPUR 8075	3454	133	64	164	83	18.9	8.8	10.6	3.9	14.5	31.5	2.8	12.1	41.5	21.4
8 SUWAN 8075	3268	126	63	157	77	39.4	2.8	7.4	9.1	21.6	27.3	3.0	10.8	35.3	19.4
9 SUWAN 8078	3257	125	64	155	74	34.1	0.7	6.4	3.1	12.2	34.5	2.5	9.7	39.0	20.7
13 ACROSS 7729	1996	77	63	143	69	47.8	15.2	9.7	100.0	33.9	10.8	3.0	16.1	41.5	22.5
MEANS	3754	144	62	162	80	28.9	6.0	8.3	14.6	17.7	30.7	2.8	10.7	40.9	20.5
MAXIMUM	4704	181	64	175	88	47.8	15.2	10.6	100.0	33.9	36.0	3.0	16.4	43.3	22.5
MINIMUM	1996	77	61	143	69	17.1	0.7	4.9	1.5	6.6	10.8	2.5	4.6	35.3	18.6
CHECKS (TESTIGOS):															
15 GPS-5	2602	-	65	187	109	62.4	9.1	17.4	39.0	13.9	24.0	3.5	3.0	43.8	20.0
14 ZA SR ZAIRE	121	-	69	153	79	2.9	2.9	0.0	100.0	2.2	18.5	3.8	0.0	39.5	28.3
CHECK MEANS	1361	-	66	169	93	32.7	6.0	8.7	69.5	8.0	21.3	3.6	1.5	41.6	24.1
5% LSD	972.0		3.2	21.3	17.3						8.0				
C. V.	19.8		3.5	9.1	14.7						19.0				

TABLE: 181-V-82

EVT06 YEAR 1982 ZAIRE KANIAMA

CO-OPERATOR: PNM. ZAIRE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
13 ACROSS 7729	6051	104	68	203	109	15.6	11.8	7.8	0.0	3.1	40.3	1.5	13.8	2.0	24.1
2 RAMPUR 8075	5885	101	66	207	116	16.8	18.2	3.1	0.0	0.0	40.0	2.0	9.7	2.5	23.7
1 DANLI 8072	5862	100	65	203	109	15.5	12.5	7.6	0.0	0.0	42.5	2.0	12.4	2.5	23.3
7 SUWAN 8072	5847	100	65	205	113	13.4	22.2	7.4	0.0	0.0	40.3	2.0	6.5	2.3	23.7
9 SUWAN 8078	5793	99	65	215	118	18.8	19.4	7.2	0.0	0.0	42.8	1.5	13.5	2.5	24.1
3 RAMPUR 8078	5790	99	64	221	125	15.1	18.7	4.0	0.0	0.0	40.3	1.5	17.2	2.8	24.0
4 LOS BANOS 8072	5735	98	66	204	114	19.1	17.7	5.7	0.0	0.0	42.3	1.8	10.2	2.3	23.0
6 LOS BANOS 8078	5487	94	65	203	113	13.8	19.7	3.0	0.0	0.0	40.0	1.3	11.2	2.3	22.0
11 ACROSS 8075	5145	88	66	215	117	15.0	28.2	6.0	0.0	0.0	40.3	2.0	6.2	2.3	23.2
10 ACROSS 8072	5001	86	65	195	113	11.0	21.3	7.5	0.0	0.7	38.5	2.0	10.4	2.0	25.2
5 LOS BANOS 8075	4906	84	65	197	109	18.8	20.2	3.6	0.0	0.6	40.5	2.0	3.1	2.3	22.5
12 ACROSS 8078	4857	83	64	207	112	24.4	14.6	4.2	0.0	0.7	39.8	1.8	10.2	2.8	23.5
8 SUWAN 8075	4281	73	68	203	104	11.2	27.6	6.3	0.0	0.0	39.0	2.0	6.3	2.8	24.0
MEANS	5434	93	66	206	113	16.0	19.4	5.6	0.0	0.4	40.5	1.8	10.1	2.4	23.5
MAXIMUM	6051	104	68	221	125	24.4	28.2	7.8	0.0	3.1	42.8	2.0	17.2	2.8	25.2
MINIMUM	4281	73	64	195	104	11.0	11.8	3.0	0.0	0.0	38.5	1.3	3.1	2.0	22.0
CHECKS (TESTIGOS):															
15 GPS-5	5846	-	67	240	151	41.9	10.6	7.2	0.0	0.0	42.8	2.0	5.9	2.3	22.9
14 ZA SR ZAIRE	5327	-	73	233	132	15.3	39.9	6.4	6.4	0.0	37.8	1.8	5.3	3.3	25.5
CHECK MEANS	5587	-	69	236	141	28.6	25.2	6.8	3.2	0.0	40.3	1.9	5.6	2.8	24.2
5% LSD	1226.2		1.6	11.5	10.5						2.7				
C. V.	15.8		1.7	3.8	6.3						4.7				

TABLE: 182-V-82

EVT06 YEAR 1982 INDONESIA CITAYAM

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST- %
6 LOS BANOS 8078	6060	111	52	195	93	0.0	0.0	41.0	2.5	13.4	2.3	1.0	27.9
12 ACROSS 8078	5966	109	55	192	94	0.0	0.6	42.0	2.6	10.3	2.5	1.0	25.3
4 LOS BANOS 8072	5962	109	54	201	99	0.0	0.0	42.0	2.5	5.8	2.4	1.0	28.0
11 ACROSS 8075	5869	107	53	199	94	0.6	0.0	42.0	2.5	5.4	2.1	0.9	29.0
10 ACROSS 8072	5868	107	54	197	93	0.0	0.0	41.5	2.5	5.5	2.4	1.0	26.7
2 RAMPUR 8075	5866	107	53	199	90	1.8	1.2	41.8	2.5	6.6	2.4	1.0	27.5
1 DANLI 8072	5840	107	54	190	92	0.6	0.0	41.0	2.5	8.1	2.4	0.9	27.4
5 LOS BANOS 8075	5812	106	53	195	94	0.0	0.0	40.5	2.5	2.6	2.4	1.0	28.8
8 SUWAN 8075	5675	104	54	202	93	0.0	0.0	39.5	2.6	3.2	2.5	1.0	27.9
3 RAMPUR 8078	5668	104	53	198	96	0.0	0.0	39.3	2.5	9.4	2.5	1.0	28.0
7 SUWAN 8072	5586	102	55	198	89	0.7	0.0	40.3	2.6	5.4	2.4	0.9	29.1
9 SUWAN 8078	5473	100	53	199	92	1.2	0.6	41.0	2.5	7.9	2.5	1.0	26.5
13 ACROSS 7729	5100	93	56	191	88	0.8	0.0	29.5	2.5	19.1	2.8	1.0	29.0
MEANS	5750	105	54	197	93	0.4	0.2	40.1	2.5	7.9	2.4	1.0	27.8
MAXIMUM	6060	111	56	202	99	1.8	1.2	42.0	2.6	19.1	2.8	1.0	29.1
MINIMUM	5100	93	52	190	88	0.0	0.0	29.5	2.5	2.6	2.1	0.9	25.3
CHECKS (TESTIGOS):													
14 LOCAL CHECK 1	5460	-	49	199	89	0.7	0.0	37.5	2.5	4.0	2.6	1.0	21.5
15 LOCAL CHECK 2	2802	-	48	179	78	1.3	1.3	22.8	2.6	9.8	3.0	1.0	20.8
CHECK MEANS	4131	-	48	188	83	1.0	0.6	30.1	2.6	6.9	2.8	1.0	21.2
5% LSD	716.9		0.8	12.6	12.7			4.5					2.9
C. V.	9.1		1.1	4.5	9.8			8.2					7.5

TABLE: 183-V-82

EVT06 YEAR 1982 INDONESIA MOJOSARI

CO-OPERATOR: PONIDI SOEPANGAT

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	RAT DAMAGE %	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
13 ACROSS 7729	4748	118	61	158	80	3.1	0.0	8.7	4.9	1.5	43.0	2.8	3.0	3.0	25.0
10 ACROSS 8072	4716	117	59	156	80	0.6	0.0	1.1	0.6	2.0	43.5	3.0	0.0	3.0	24.9
7 SUWAN 8072	4656	116	60	152	79	1.7	0.0	3.4	4.1	2.0	42.5	2.5	4.7	3.0	24.5
4 LOS BANOS 8072	4547	113	59	164	90	0.6	0.0	5.3	0.6	1.8	41.3	2.5	3.1	3.0	25.1
6 LOS BANOS 8078	4420	110	58	163	87	1.2	0.0	7.7	1.2	2.3	42.0	3.0	3.0	3.0	24.1
11 ACROSS 8075	4405	110	61	160	76	0.6	0.0	2.4	4.0	2.0	42.5	2.5	5.3	3.0	23.8
5 LOS BANOS 8075	4268	106	59	154	76	1.2	0.0	0.6	2.4	2.0	42.8	2.8	1.8	3.0	24.1
3 RAMPUR 8078	4204	105	59	158	80	1.7	0.6	7.3	0.6	2.0	41.8	3.0	1.8	3.0	22.8
2 RAMPUR 8075	4063	101	60	157	76	1.1	0.6	4.7	0.5	2.0	43.0	3.0	8.9	3.0	24.2
1 DANLI 8072	4038	100	59	146	73	0.6	0.6	1.8	7.1	2.0	40.8	3.3	7.5	2.8	23.9
8 SUWAN 8075	4003	100	59	161	78	1.3	0.0	1.7	5.2	2.0	42.5	3.0	5.3	3.0	24.1
12 ACROSS 8078	3954	98	59	159	80	2.3	0.0	4.4	0.6	2.0	40.8	3.0	3.6	3.0	25.1
9 SUWAN 8078	3836	95	61	162	78	3.0	0.0	4.2	0.6	1.8	41.0	3.0	8.6	3.0	24.8
MEANS	4297	107	60	158	79	1.5	0.1	4.1	2.5	1.9	42.1	2.9	4.3	3.0	24.3
MAXIMUM	4748	118	61	164	90	3.1	0.6	8.7	7.1	2.3	43.5	3.3	8.9	3.0	25.1
MINIMUM	3836	95	58	146	73	0.6	0.0	0.6	0.5	1.5	40.8	2.5	0.0	2.8	22.8
CHECKS (TESTIGOS):															
14 ARJUNA MED YELLOW F	4019	-	56	158	82	3.0	0.0	1.4	2.5	2.0	41.3	3.0	10.1	3.0	24.3
15 RANJUNA EAR YELLOW	3120	-	50	146	67	5.1	0.0	4.1	3.1	2.0	40.8	3.0	5.5	3.0	20.1
CHECK MEANS	3569	-	52	151	74	4.0	0.0	2.7	2.8	2.0	41.0	3.0	7.8	3.0	22.2
5% LSD	520.7		1.9	11.2	10.4						3.1				
C.V.	8.7		2.2	5.0	9.2						5.2				

TABLE: 184-V-82

EVT06 YEAR 1982 PHILIPPINES U.P. LOS BANOS

CO-OPERATOR: DR. MANUEL M. LANTIN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	PUCC	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
11 ACROSS 8075	7415	178	56	219	125	6.2	44.9	4.3	49.9	2.0	40.5	2.8	28.4	2.3	19.7
4 LOS BANOS 8072	7301	175	56	222	125	9.7	52.5	3.2	18.7	2.3	41.5	2.5	18.8	2.3	21.7
12 ACROSS 8078	7045	169	55	234	128	10.9	56.3	3.8	63.7	2.3	41.0	2.5	28.4	2.0	20.3
13 ACROSS 7729	7016	168	60	202	108	7.0	9.0	5.8	53.4	1.0	41.3	3.3	48.7	2.3	23.3
2 RAMPUR 8075	6931	166	56	226	131	6.1	31.7	2.4	57.3	2.3	39.8	2.8	28.3	2.0	20.3
3 RAMPUR 8078	6931	166	55	225	130	9.4	52.4	1.7	64.6	2.3	42.3	2.5	53.4	2.0	20.5
7 SUWAN 8072	6389	153	56	211	119	11.7	40.8	2.1	43.3	2.5	38.8	3.0	26.8	2.5	21.1
9 SUWAN 8078	6218	149	56	222	117	19.8	42.6	3.3	44.1	2.5	38.8	3.0	37.2	2.0	20.4
1 DANLI 8072	5761	138	55	215	114	9.3	37.2	3.9	35.9	3.0	42.0	2.8	14.2	2.3	20.1
5 LOS BANOS 8075	5704	137	56	218	120	9.0	45.4	5.4	41.9	2.0	36.0	2.8	32.3	3.3	21.0
8 SUWAN 8075	5590	134	57	212	115	12.0	38.7	3.2	65.5	2.0	30.8	2.8	25.6	2.5	20.4
6 LOS BANOS 8078	5505	132	55	225	128	7.4	50.8	1.8	64.6	2.5	39.3	3.3	51.7	2.3	20.2
10 ACROSS 8072	5248	126	55	208	113	12.5	43.0	5.1	40.2	2.8	40.5	4.0	18.8	2.3	20.5
MEANS	6389	153	56	218	121	10.1	42.0	3.5	49.5	2.3	39.4	2.9	31.7	2.3	20.7
MAXIMUM	7415	178	60	234	131	19.8	56.3	5.8	65.5	3.0	42.3	4.0	53.4	3.3	23.3
MINIMUM	5248	126	55	202	108	6.1	9.0	1.7	18.7	1.0	30.8	2.5	14.2	2.0	19.7
CHECKS (TESTIGOS):															
15 IPB 218	4164	-	53	213	115	18.7	27.5	4.8	65.0	3.5	29.3	2.3	17.6	2.5	18.6
14 PHIL DMR COMP. 2	3651	-	54	215	116	25.4	43.4	4.6	65.3	3.3	24.8	2.8	20.3	2.8	19.5
CHECK MEANS	3907	-	53	213	115	22.1	35.5	4.7	65.2	3.4	27.0	2.5	18.9	2.6	19.0
5% LSD	1902.7		1.7	18.1	14.4						5.6				
C.V.	22.0		2.1	5.8	8.4						10.3				

TABLE: 185-V-82

EVT06 YEAR 1982 VIETNAM SONGBOI

CO-OPERATOR: DANG-QUOC-LAP

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	STALK ROT	ENDO HARD	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
12 ACROSS 8078	3324	114	56	165	76	0.0	1.3	1.6	2.7	63.0	1.8	38.3	2.3	2.8	28.7
10 ACROSS 8072	2927	100	56	145	65	0.0	1.3	2.2	0.0	59.8	1.5	39.5	2.3	2.5	27.1
9 SUWAN 8078	2820	97	56	159	68	2.6	6.0	7.0	6.0	61.5	2.3	36.8	2.3	2.3	29.2
5 LOS BANOS 8075	2767	95	54	154	71	0.7	2.7	0.7	5.3	57.0	1.8	37.5	2.0	2.0	26.3
11 ACROSS 8075	2751	94	57	158	74	0.7	0.7	4.8	1.4	60.0	1.5	37.0	2.0	2.5	21.3
2 RAMPUR 8075	2640	90	56	166	74	0.7	3.4	5.6	0.0	58.3	1.5	37.5	2.3	2.5	27.0
6 LOS BANOS 8078	2595	89	55	163	75	0.0	5.2	3.9	1.3	68.8	1.5	38.3	1.8	3.0	26.3
7 SUWAN 8072	2594	89	56	148	65	0.0	5.4	5.5	3.8	51.8	1.5	37.0	2.3	2.8	27.0
4 LOS BANOS 8072	2567	88	56	164	71	0.0	2.0	7.2	1.4	59.3	1.3	37.5	2.5	2.3	31.3
1 DANLI 8072	2402	82	56	145	64	0.7	0.7	5.8	2.7	57.3	1.5	37.5	2.0	2.3	29.0
3 RAMPUR 8078	2211	76	55	158	73	0.7	0.0	6.9	1.3	55.5	2.0	37.8	2.3	2.8	27.8
8 SUWAN 8075	2186	75	57	157	67	0.8	1.5	8.5	0.8	53.3	1.8	33.8	2.5	2.5	24.2
13 ACROSS 7729	2077	71	59	145	60	0.0	0.0	15.1	62.9	47.0	2.3	30.3	3.0	3.0	27.6
MEANS	2605	89	56	156	69	0.5	2.3	5.7	6.9	57.9	1.7	36.8	2.3	2.5	27.1
MAXIMUM	3324	114	59	166	76	2.6	6.0	15.1	62.9	68.8	2.3	39.5	3.0	3.0	31.3
MINIMUM	2077	71	54	145	60	0.0	0.0	0.7	0.0	47.0	1.3	30.3	1.8	2.0	21.3
CHECKS (TESTIGOS):															
14 SUWAN 1	2918	-	57	163	74	0.0	7.3	4.0	3.9	46.3	2.0	34.8	2.3	2.8	30.5
15 VM 1	1346	-	60	149	65	0.0	1.8	17.3	78.9	36.3	1.5	22.8	3.0	2.0	29.3
CHECK MEANS	2132	-	58	155	69	0.0	4.6	10.6	41.4	41.3	1.8	28.8	2.6	2.4	29.9
5% LSD	1152.5		2.4	27.1	19.3							5.3			
C.V.	31.8		3.0	12.2	19.6							10.5			

TABLE: 186-V-82 TRIAL: EVT06

YEAR: 1982 MEANS ACROSS 17 LOCATIONS

ENTRY NO. AND NAME	KG./HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
13 ACROSS 7729	5006	Tuxpeño Caribe	100	58	197
12 ACROSS 8078	4898	Trop. Yellow Flint-Dent	98	57	209
11 ACROSS 8075	4855	" Intermed. White Flint	97	57	208
4 LOS BANOS 8072	4827	" Late White Dent	96	57	202
3 RAMPUR 8078	4802	" Yellow Flint-Dent	96	56	210
6 LOS BANOS 8078	4778	" " " "	95	56	207
10 ACROSS 8072	4776	" Late White Dent	95	56	200
2 RAMPUR 8075	4750	" Intermed. White Flint	95	56	210
7 SUWAN 8072	4640	" Late White Dent	93	57	196
1 DANLI 8072	4633	" " " "	93	56	195
9 SUWAN 8078	4604	" Yellow Flint Dent	92	57	203
5 LOS BANOS 8075	4519	" Intermed. White Flint	90	57	200
8 SUWAN 8075	4475	" " " "	89	57	201

TABLE: 187-V-82

GPMT 11B YEAR 1982 BOLIVIA IBOPERENDA

CO-OPERATOR: ALBERTO HINOJOSA PADILLA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	ENDO HARD	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
8 ACROSS 7845 NRE	8149	111	55	223	118	2.5	0.6	8.7	3.5	41.8	2.0	1.0	22.9
3 ACROSS 7941	7611	104	56	220	113	0.6	0.0	7.5	2.0	41.0	2.0	1.1	24.0
6 POOL 34 GPM (RSF)	7184	98	55	213	83	2.4	0.0	6.5	2.3	42.8	2.0	1.0	25.5
7 ACROSS 7741 RE	7164	98	56	223	124	0.0	0.6	6.9	2.8	42.3	2.5	1.0	25.5
2 LA PLATINA 7941	7126	97	57	218	116	1.3	0.0	6.2	2.0	41.5	2.0	1.1	25.7
1 PIRACICABA 7941	6276	86	56	225	114	2.4	0.0	10.5	2.0	39.0	2.3	1.0	24.6
5 POOL 31 GPM (RSF)	5561	76	56	200	101	0.0	0.0	12.6	3.0	41.3	2.5	1.0	23.5
4 ETO X ILL. GPM (RSF)	4596	63	56	208	108	0.0	1.2	8.6	2.8	40.5	2.8	1.0	24.7
MEANS	6708	92	56	216	109	1.1	0.3	8.4	2.5	41.3	2.3	1.0	24.5
MAXIMUM	8149	111	57	225	124	2.5	1.2	12.6	3.5	42.8	2.8	1.1	25.7
MINIMUM	4596	63	55	200	83	0.0	0.0	6.2	2.0	39.0	2.0	1.0	22.9
CHECKS (TESTIGOS):													
11 AMARILLO CRISTALINO	7314	-	60	235	133	0.0	7.5	3.2	1.0	36.0	2.8	1.3	25.0
10 AMARILLO LOCAL	6847	-	58	253	150	6.1	9.2	3.8	4.3	37.3	2.8	1.0	21.7
9 TEMPLADO 02	6131	-	57	220	113	1.6	1.5	7.2	2.0	35.8	2.3	1.0	23.1
CHECK MEANS	6764	-	58	235	131	2.6	6.1	4.7	2.4	36.3	2.6	1.1	23.3
5% LSD	1220.6		1.5	19.4	27.6					3.8			3.3
C.V.	12.6		1.9	6.1	16.5					6.5			9.3

TABLE: 188-V-82

QPMT 11B YEAR 1982 BRAZIL BARBALHA

CO-OPERATOR: ANTONIO AUGUSTO TEIXEIRA MONTEIRO -APACE-

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLNTS GERM	EARS/ PLNT	MOIST %
8 ACROSS 7845 NRE	4164	94	47	168	95	1.2	1.7	5.2	43.5	3.3	14.3	86.5	1.0	12.0
3 ACROSS 7941	4051	91	46	184	103	1.8	8.7	9.1	39.8	3.5	14.5	81.8	1.0	12.3
1 PIRACICABA 7941	3820	86	46	182	93	0.0	3.5	10.9	42.8	3.5	12.5	85.8	1.0	12.5
4 ETO X ILL. GPM (RSF)	3798	86	46	178	94	0.0	0.6	4.9	42.3	2.8	8.5	85.5	1.0	12.4
2 LA PLATINA 7941	3790	86	47	175	93	0.6	3.7	3.6	41.3	2.3	8.8	83.0	1.0	13.1
7 ACROSS 7741 RE	3780	85	47	189	108	0.0	1.9	5.8	40.5	2.8	10.8	83.8	1.0	12.8
5 POOL 31 GPM (RSF)	3668	83	45	164	78	0.0	3.5	8.8	42.3	3.8	17.5	84.5	0.9	11.9
6 POOL 34 GPM (RSF)	3655	82	46	173	88	0.0	1.9	6.9	40.8	3.5	13.3	83.3	1.0	11.6
MEANS	3841	87	46	177	94	0.4	3.2	6.9	41.6	3.2	12.5	84.3	1.0	12.3
MAXIMUM	4164	94	47	189	108	1.8	8.7	10.9	43.5	3.8	17.5	86.5	1.0	13.1
MINIMUM	3655	82	45	164	78	0.0	0.6	3.6	39.8	2.3	8.5	81.8	0.9	11.6
CHECKS (TESTIGOS):														
11 DENTADO COMPOSTO NE	4431	-	51	243	144	0.0	3.4	2.0	35.0	1.3	3.5	71.0	1.1	13.2
9 CENTRALMEX	4164	-	52	254	158	0.0	1.4	0.6	37.8	1.3	2.8	77.3	1.0	13.1
10 JATINA C-3 ANA	3611	-	51	193	111	0.7	1.5	3.1	33.5	1.3	2.8	69.0	1.0	12.9
CHECK MEANS	4069	-	51	229	137	0.2	2.1	1.9	35.4	1.3	3.0	72.4	1.0	13.1
5% LSD	831.8		1.6	15.9	16.3				4.1					1.3
C.V.	14.8		2.4	5.8	10.7				7.1					7.3

TABLE: 189-V-82

GPMT 11B YEAR 1982 CHILE SANTIAGO

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
6 POOL 34 GPM (RSF)	5748	89	93	225	118	2.8	36.0	1.0	30.1
5 POOL 31 GPM (RSF)	5600	87	93	215	98	2.8	36.0	1.0	32.4
4 ETO X ILL. GPM (RSF)	5418	84	96	203	110	2.8	36.0	1.0	30.4
3 ACROSS 7941	5314	83	96	205	125	2.8	36.0	1.0	32.3
8 ACROSS 7845 NRE	4993	78	93	190	105	2.9	34.5	1.0	30.8
1 PIRACICABA 7941	4783	74	96	195	105	2.8	36.0	1.0	31.3
2 LA PLATINA 7941	4782	74	96	195	113	2.8	36.0	1.0	33.2
7 ACROSS 7741 RE	4229	66	93	208	113	2.9	34.5	1.0	37.0
MEANS	5108	79	95	204	111	2.8	35.6	1.0	32.2
MAXIMUM	5748	89	96	225	125	2.9	36.0	1.0	37.0
MINIMUM	4229	66	93	190	98	2.8	34.5	1.0	30.1
CHECKS (TESTIGOS):									
9 LOCAL CHECK 1	6429	-	93	218	120	2.8	36.0	1.0	31.7
10 LOCAL CHECK 2	5600	-	87	178	85	2.8	36.0	1.0	30.8
11 LOCAL CHECK 3	4726	-	86	180	88	3.0	33.5	1.0	29.0
CHECK MEANS	5585	-	88	191	97	2.9	35.2	1.0	30.5
5% LSD	1176.4			21.2	20.6		2.6		0.0
C.V.	15.6			7.3	13.3		5.0		0.0

TABLE: 190-V-82

GPMT 11B YEAR 1982 ECUADOR PICHILINGUE

CO-OPERATOR: INIAP

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	CURV	HELM MAYD	ENDO HARD	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT	MOIST %
8 ACROSS 7845 NRE	3816	67	48	242	126	11.4	35.3	2.8	2.5	3.0	43.5	3.3	10.9	0.8	24.0
3 ACROSS 7941	3664	64	48	239	130	13.4	26.0	3.3	3.0	3.0	42.8	3.3	19.9	0.9	25.0
2 LA PLATINA 7941	3518	62	49	228	123	5.0	22.7	3.3	2.5	2.8	39.3	3.3	14.7	0.9	26.2
6 POOL 34 GPM (RSF)	3264	57	48	230	105	15.4	39.6	3.5	3.0	3.0	42.5	3.5	9.4	0.9	25.7
7 ACROSS 7741 RE	3257	57	52	236	116	6.4	20.6	2.3	2.3	3.0	38.3	3.3	16.2	1.0	27.4
1 PIRACICABA 7941	3220	56	48	246	116	10.9	31.1	3.3	3.0	3.0	43.5	3.3	12.6	0.8	24.8
4 E10 X ILL. GPM (RSF)	2720	48	48	232	116	8.1	30.4	3.8	3.5	3.0	43.0	3.8	5.8	0.8	25.9
5 POOL 31 GPM (RSF)	2297	40	49	213	101	5.9	47.0	4.0	3.3	3.0	42.5	4.0	21.2	0.8	23.4
MEANS	3220	56	49	233	117	9.6	31.6	3.3	2.9	3.0	41.9	3.4	13.8	0.9	25.3
MAXIMUM	3816	67	52	246	130	15.4	47.0	4.0	3.5	3.0	43.5	4.0	21.2	1.0	27.4
MINIMUM	2297	40	48	213	101	5.0	20.6	2.3	2.3	2.8	38.3	3.3	5.8	0.8	23.4
CHECKS (TESTIGOS):															
10 HIBRIDO F5 X F23	5708	-	54	261	134	4.3	7.8	2.0	2.0	3.0	40.5	2.3	6.5	1.0	29.1
11 INIAP-526	4549	-	54	254	136	2.8	10.2	2.3	2.5	2.8	38.8	2.5	8.4	1.0	28.8
9 OPACO-2	3325	-	54	273	154	3.1	21.8	2.3	2.5	5.0	41.0	2.8	7.8	0.8	27.7
CHECK MEANS	4527	-	53	262	141	3.4	13.3	2.2	2.3	3.6	40.1	2.5	7.6	0.9	28.5
5% LSD	768.6		1.4	23.2	15.6						4.4				2.6
C.V.	14.9		1.9	6.7	8.7						7.4				6.8

TABLE: 191-V-82

GPMT 11B YEAR 1982 MEXICO OBREGON(3)

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	ENDO HARD	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
4 ETO X ILL. GPM (RSF)	5745	84	60	183	93	1.8	42.0	1.2	1.5	40.0	3.3	15.7	4.5	1.0	27.0
8 ACROSS 7845 NRE	5677	83	61	171	93	10.0	69.7	8.1	5.0	37.3	2.8	17.3	6.3	1.1	24.2
5 POOL 31 GPM (RSF)	5367	78	59	165	86	3.7	53.6	3.8	2.5	41.0	2.8	13.7	5.8	1.0	25.4
7 ACROSS 7741 RE	5355	78	64	175	90	6.8	58.9	14.2	2.0	40.8	3.3	14.2	5.5	1.0	26.6
6 POOL 34 GPM (RSF)	5334	78	60	161	78	4.4	43.6	11.4	1.8	38.5	2.8	13.7	5.5	1.1	27.3
3 ACROSS 7941	5314	78	62	185	95	7.4	40.7	5.6	1.8	36.3	2.5	24.2	5.5	1.0	24.9
2 LA PLATINA 7941	5206	76	64	176	90	5.6	42.0	4.6	1.8	35.0	2.8	11.0	4.3	1.1	26.1
1 PIRACICABA 7941	5169	76	62	165	90	8.7	49.3	7.4	2.3	38.3	3.0	10.8	6.5	1.1	24.7
MEANS	5396	79	61	173	89	6.0	50.0	7.1	2.3	38.4	2.9	15.1	5.5	1.0	25.8
MAXIMUM	5745	84	64	185	95	10.0	69.7	14.2	5.0	41.0	3.3	24.2	6.5	1.1	27.3
MINIMUM	5169	76	59	161	78	1.8	40.7	1.2	1.5	35.0	2.5	10.8	4.3	1.0	24.2
CHECKS (TESTIGOS):															
10 PR-7822	6837	-	70	195	110	2.3	48.5	4.0	5.0	36.8	2.0	11.8	3.8	1.1	33.8
11 PR-7843	5832	-	53	203	115	5.6	58.0	9.7	5.0	35.3	1.8	11.2	4.3	1.0	34.5
9 BD-2	3343	-	61	144	73	6.9	8.9	7.3	5.0	21.0	1.5	11.6	3.5	1.1	27.6
CHECK MEANS	5337	-	61	180	99	4.9	38.4	7.0	5.0	31.0	1.8	11.5	3.8	1.1	32.0
5% LSD	900.9		15.9	18.3	15.1					6.6					3.0
C.V.	11.6		17.9	7.3	11.4					12.6					7.5

TABLE: 192-V-82

GPMT 11B YEAR 1982 ANGOLA SAKAALA

CO-OPERATOR: FERNANDO MARCELINO

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	ENDO HARD	HELM TURC	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
2 LA PLATINA 7941	4601	96	69	195	109	11.5	11.6	2.0	2.8	23.2	38.5	2.8	44.2	3.0	18.0
1 PIRACICABA 7941	4555	95	68	204	123	7.7	14.5	2.0	2.8	13.9	39.5	3.0	40.7	2.3	18.2
8 ACROSS 7845 NRE	4258	89	68	178	86	16.3	9.2	2.0	2.0	24.5	34.0	2.8	55.1	3.3	17.2
6 POOL 34 GPM (RSF)	4239	89	66	189	95	13.7	15.2	2.0	2.5	12.6	34.5	2.5	48.9	3.8	19.0
4 ETO X ILL. GPM (RSF)	4229	89	66	194	101	7.9	14.6	2.8	2.3	20.4	39.0	2.5	38.0	2.8	18.0
3 ACROSS 7941	4199	88	68	193	103	15.7	7.4	2.0	2.8	22.1	35.8	2.3	50.5	3.3	17.8
7 ACROSS 7741 RE	3514	74	72	191	109	5.7	4.5	2.0	2.3	23.8	33.5	2.5	40.6	3.3	18.9
5 POOL 31 GPM (RSF)	2973	62	69	184	89	9.6	9.6	2.8	2.5	12.1	38.3	3.3	46.2	3.8	16.8
MEANS	4071	85	68	191	102	11.0	10.8	2.2	2.5	19.1	36.6	2.7	45.5	3.2	18.0
MAXIMUM	4601	96	72	204	123	16.3	15.2	2.8	2.8	24.5	39.5	3.3	55.1	3.8	19.0
MINIMUM	2973	62	66	178	86	5.7	4.5	2.0	2.0	12.1	33.5	2.3	38.0	2.3	16.8
CHECKS (TESTIGOS):															
9 HTCA2 (NORMAL)	4776	-	72	231	156	8.3	6.2	1.8	1.3	47.3	28.8	2.5	33.4	3.3	23.2
11 BRANCO REDONDO	3235	-	78	251	170	8.1	6.2	1.0	1.3	52.1	29.5	3.5	20.5	3.0	25.2
10 SAM2	2692	-	78	265	166	3.8	3.4	1.0	1.5	34.8	25.8	3.8	23.1	3.5	27.2
CHECK MEANS	3568	-	75	249	164	6.8	5.3	1.3	1.3	44.7	28.0	3.3	25.6	3.3	25.2
5% LSD	1148.5		2.3	26.9	24.8						8.0				
C. V.	20.2		2.3	9.0	14.5						16.1				

TABLE: 193-V-82

GPMT 11B YEAR 1982 MOROCCO DOUKKALA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	BORER %	DAYS POLLEN	EARS/ PLNT
8 ACROSS 7845 NRE	5794	114	87	183	91	44.5	3.5	84.5	1.1
4 ETO X ILL. GPM (RSF)	5091	100	87	168	73	47.0	5.8	83.0	1.0
2 LA PLATINA 7941	5018	99	86	150	58	45.8	4.8	83.0	1.1
6 POOL 34 GPM (RSF)	5018	99	87	170	70	45.0	2.3	82.0	1.0
3 ACROSS 7941	4970	98	86	178	85	43.8	4.4	82.5	1.0
7 ACROSS 7741 RE	4557	90	88	155	68	46.8	1.7	84.0	1.0
1 PIRACICABA 7941	4485	88	87	140	55	43.0	2.9	84.3	1.0
5 POOL 31 GPM (RSF)	4291	84	89	161	65	47.3	2.6	84.5	1.0
MEANS	4903	96	87	163	71	45.4	3.5	83.5	1.0
MAXIMUM	5794	114	89	183	91	47.3	5.8	84.5	1.1
MINIMUM	4291	84	86	140	55	43.0	1.7	82.0	1.0
CHECKS (TESTIGOS):									
10 LOCAL CHECK 2	5091	-	89	175	75	37.3	5.0	84.0	1.1
9 LOCAL CHECK 1	4242	-	85	135	53	40.3	3.7	81.0	1.0
11 LOCAL CHECK 3	3782	-	85	145	58	44.5	5.1	77.8	1.0
CHECK MEANS	4372	-	86	151	61	40.7	4.6	80.9	1.0
5% LSD	894.1		1.8	24.2	19.4	5.6			
C.V.	13.0		1.4	10.5	19.8	8.8			

TABLE: 194-V-82

QPMT 11B YEAR 1982 REP. S.AFRICA POTCHEFSTROOM

CO-OPERATOR: DR. A.P. FOURIE

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H.C.	SMUT %	PLNTS GERM	EARS/ PLNT	MOIST %
1 PIRACICABA 7941	2581	86	67	209	85	6.9	3.8	1.6	40.0	1.3	1.3	77.6	1.1	11.6
2 LA PLATINA 7941	2569	86	67	200	91	12.7	6.3	3.3	39.3	0.6	0.6	76.7	1.2	10.4
8 ACROSS 7945 NRE	2567	86	66	216	82	14.1	6.4	3.4	39.3	0.7	2.5	77.9	1.1	11.4
4 ETO X ILL. QPM (RSF)	2557	85	65	216	89	8.2	1.9	2.6	39.3	1.9	3.2	76.6	1.2	10.4
5 POOL 31 QPM (RSF)	2504	83	65	221	89	4.5	4.5	2.2	39.0	3.8	4.4	74.5	1.1	9.8
6 POOL 34 QPM (RSF)	2475	82	66	209	88	11.9	3.8	2.5	39.8	0.6	1.3	77.0	1.1	11.8
3 ACROSS 7941	2248	75	68	212	91	5.1	4.5	3.8	39.0	0.0	1.9	77.8	1.2	11.6
7 ACROSS 7741 RE	2239	75	68	218	85	10.8	3.2	1.9	39.3	1.3	4.5	75.0	1.0	10.4
MEANS	2467	82	66	212	87	9.3	4.3	2.7	39.3	1.3	2.5	76.6	1.1	10.9
MAXIMUM	2581	86	68	221	91	14.1	6.4	3.8	40.0	3.8	4.5	77.9	1.2	11.8
MINIMUM	2239	75	65	200	82	4.5	1.9	1.6	39.0	0.0	0.6	74.5	1.0	9.8
CHECKS (TESTIGOS):														
10 TX24	3001	-	68	211	94	14.1	3.2	1.6	39.3	0.0	0.0	81.4	1.1	14.1
9 HL1	2412	-	69	214	92	10.2	3.8	3.7	39.5	0.0	2.5	85.5	1.0	12.4
11 TX9	1572	-	69	224	93	13.4	3.9	6.9	39.0	0.0	3.8	87.6	0.7	16.1
CHECK MEANS	2328	-	68	216	92	12.6	3.6	4.1	39.3	0.0	2.1	84.8	0.9	14.2
5% LSD	541.0		1.4	13.8	11.0				1.1					
C.V.	15.4		1.5	4.5	8.6				1.9					

TABLE: 195-V-82

QPMT 11B YEAR 1982 TANZANIA ILONGA

CO-OPERATOR: NATIONAL MAIZE RESEARCH PROGRAM

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PUCC POLY	HELM MAYD	ENDO HARD	STREAK %	PLANTS HARV	EAR ASPCT	PLNTS GERM	MOIST %
8 ACROSS 7845 NRE	3914	66	58	150	73	6.5	1.3	2.0	2.5	2.0	30.7	42.5	3.0	85.8	19.3
7 ACROSS 7741 RE	3650	62	61	140	65	5.8	0.6	2.3	2.8	2.5	25.5	43.0	2.8	85.5	21.5
3 ACROSS 7941	3619	61	58	135	63	11.8	0.6	2.3	3.0	2.5	29.0	42.3	3.0	81.8	20.2
1 PIRACICABA 7941	3476	59	58	125	60	7.1	1.9	3.0	3.0	2.5	22.9	42.3	2.8	84.0	18.7
6 POOL 34 QPM (RSF)	3249	55	58	135	59	7.4	1.2	2.8	2.8	2.3	20.8	40.5	2.8	84.8	19.3
2 LA PLATINA 7941	3199	54	58	140	68	10.7	3.2	2.5	3.0	2.3	27.0	41.0	3.3	82.8	20.5
4 ETO X ILL. QPM (RSF)	2913	49	58	125	50	4.7	0.6	2.8	3.3	2.8	31.2	42.5	3.0	87.0	18.9
5 POOL 31 QPM (RSF)	2505	43	58	125	45	3.7	3.3	2.3	2.5	3.5	23.6	41.3	3.5	85.0	16.9
MEANS	3316	56	58	134	60	7.2	1.6	2.5	2.8	2.5	26.3	41.9	3.0	84.6	19.4
MAXIMUM	3914	66	61	150	73	11.8	3.3	3.0	3.3	3.5	31.2	43.0	3.5	87.0	21.5
MINIMUM	2505	43	58	125	45	3.7	0.6	2.0	2.5	2.0	20.8	40.5	2.8	81.8	16.9
CHECKS (TESTIGOS):															
11 EV8076 (N)	5890	-	66	183	90	10.7	1.9	1.5	2.0	2.0	21.7	42.5	2.0	79.3	23.3
10 ILONGA COMPOSITE(N)	4277	-	70	208	118	12.7	2.6	1.3	2.0	2.0	26.1	38.0	2.8	72.3	23.8
9 ACROSS 7430 (N)	3223	-	70	163	85	12.5	0.7	1.8	2.3	1.8	46.3	24.3	2.3	49.0	24.2
CHECK MEANS	4463	-	68	184	97	11.9	1.7	1.5	2.1	1.9	31.4	34.9	2.3	66.8	23.8
5% LSD	753.1		1.4	12.9	15.1							3.8			
C.V.	14.4		1.6	6.1	14.9							6.6			

TABLE: 196-V-82

QPMT 11B YEAR 1982 ZAIRE KANIAMA

CO-OPERATOR: PNM.

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	STALK ROT	ENDO HARD	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H.C.	MOIST %
8 ACROSS 7845 NRE	4329	81	58	160	85	30.2	31.9	16.2	25.8	4.5	2.8	37.3	1.8	8.6	21.0
7 ACROSS 7741 RE	3383	63	64	178	84	13.7	19.6	10.9	12.8	2.5	3.3	38.5	2.0	4.0	23.1
6 POOL 34 QPM (RSF)	3377	63	58	165	71	17.8	24.4	8.1	31.9	3.3	3.5	37.8	2.0	5.9	23.8
2 LA PLATINA 7941	3214	60	60	167	78	17.9	13.1	8.1	17.9	2.5	3.3	37.0	2.3	13.1	23.1
4 ETO X ILL. QPM (RSF)	2794	52	60	160	73	18.5	21.2	12.2	20.5	2.8	4.0	37.8	2.3	6.6	24.0
3 ACROSS 7941	2738	51	63	171	83	16.4	28.6	8.0	32.7	3.3	3.5	35.5	2.5	6.4	22.3
5 POOL 31 QPM (RSF)	2507	47	60	155	63	13.1	24.1	21.4	38.0	3.3	4.0	32.5	2.5	11.0	22.7
1 PIRACICABA 7941	2492	46	61	164	73	21.9	32.0	3.5	25.4	3.0	3.3	33.0	2.0	3.7	21.4
MEANS	3104	58	61	165	76	18.7	24.4	11.0	25.6	3.1	3.4	36.2	2.2	7.4	22.7
MAXIMUM	4329	81	64	178	85	30.2	32.0	21.4	38.0	4.5	4.0	38.5	2.5	13.1	24.0
MINIMUM	2492	46	58	155	63	13.1	13.1	3.5	12.8	2.5	2.8	32.5	1.8	3.7	21.0
CHECKS (TESTIGOS):															
10 KASAI I	5373	-	68	184	107	11.1	27.2	7.3	0.6	5.0	2.3	41.3	2.5	2.4	25.5
11 SALONGO II	3169	-	69	187	109	17.3	19.8	4.5	3.3	5.0	2.8	39.0	2.8	0.7	25.4
9 OPAQUE 2	3139	-	78	230	141	43.6	37.3	16.6	0.7	1.8	2.8	36.5	2.0	1.3	32.3
CHECK MEANS	3894	-	71	200	118	24.0	28.1	9.5	1.5	3.9	2.6	38.9	2.4	1.5	27.7
5% LSD	808.3		2.2	13.9	11.2							4.5			
C.V.	16.9		2.4	5.5	8.9							8.4			

TABLE: 197-V-82

QPMT 11B YEAR 1982 ZIMBABWE KADOMA

CO-OPERATOR:

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	STEM LODG	PLANTS HARV	EARS/ PLNT	MOIST %
8 ACROSS 7845 NRE	5205	93	2.8	44.0	0.9	13.1
4 ETO X ILL. QPM (RSF)	4766	85	0.6	44.0	0.9	13.2
2 LA PLATINA 7941	4766	85	4.5	44.0	1.0	13.2
1 PIRACICABA 7941	4658	83	0.6	44.0	1.0	12.9
6 POOL 34 QPM (RSF)	4600	82	0.0	44.0	0.9	13.4
5 POOL 31 QPM (RSF)	4394	78	2.3	44.0	0.9	13.2
7 ACROSS 7741 RE	4338	77	2.3	44.0	0.9	13.7
3 ACROSS 7941	4295	77	5.7	44.0	1.0	12.7
MEANS	4628	83	2.3	44.0	1.0	13.2
MAXIMUM	5205	93	5.7	44.0	1.0	13.7
MINIMUM	4295	77	0.0	44.0	0.9	12.7
CHECKS (TESTIGOS):						
10 SR52(N)	5609	-	1.7	44.0	1.0	12.6
9 R61	3676	-	44.4	30.3	0.6	18.8
11 ZS225(N)	2300	-	53.4	44.0	0.4	17.3
CHECK MEANS	3862	-	33.2	39.4	0.6	16.2
5% LSD	1033.3			1.3		0.0
C.V.	16.2			2.2		0.0

TABLE: 198-V-82

QPMT 11B YEAR 1982 TURKEY ADAPAZARI

CO-OPERATOR:

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	STALK ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	SMUT %	PLANT ASPECT	EARS/ PLNT	MOIST %
2 LA PLATINA 7941	9546	112	95	220	123	0.9	1.3	2.3	75.8	3.3	11.4	3.0	1.1	28.5
8 ACROSS 7845 NRE	9501	111	90	230	133	0.3	1.2	2.3	80.3	2.8	1.5	3.0	1.1	24.0
3 ACROSS 7941	8128	95	98	235	140	0.0	1.6	3.5	79.8	4.5	5.7	3.0	1.1	28.0
6 POOL 34 QPM (RSF)	7502	88	94	223	120	1.7	1.2	2.0	82.5	3.8	1.8	2.5	1.0	31.5
7 ACROSS 7741 RE	7494	88	98	253	153	1.0	1.3	3.3	78.8	4.5	12.1	4.0	0.9	30.8
4 E10 X ILL. QPM (RSF)	7356	86	92	220	123	0.0	1.4	2.8	72.3	4.3	11.6	3.5	1.1	24.8
5 POOL 31 QPM (RSF)	6203	73	99	230	120	0.0	1.4	3.3	73.8	5.0	10.5	3.8	0.9	28.3
1 PIRACICABA 7941	5191	61	100	238	135	0.6	1.3	3.3	75.0	5.0	11.8	3.3	0.8	33.3
MEANS	7615	89	96	231	131	0.6	1.3	2.8	77.3	4.1	8.3	3.3	1.0	28.6
MAXIMUM	9546	112	100	253	153	1.7	1.6	3.5	82.5	5.0	12.1	4.0	1.1	33.3
MINIMUM	5191	61	90	220	120	0.0	1.2	2.0	72.3	2.8	1.5	2.5	0.8	24.0
CHECKS (TESTIGOS):														
11 TCM-81-6	8543	-	74	215	110	0.3	3.4	2.0	73.5	2.3	0.3	2.0	1.0	17.5
9 ADA	8408	-	77	225	108	1.5	3.3	2.0	74.8	3.0	1.0	2.8	1.1	19.8
10 PX-616	7302	-	78	215	105	2.8	4.7	2.0	64.8	2.8	0.0	2.3	1.1	19.8
CHECK MEANS	8084	-	76	218	107	1.5	3.8	2.0	71.0	2.7	0.4	2.3	1.1	19.0
5% LSD	1522.6		3.1	12.8	16.8				7.5					5.4
C.V.	13.6		2.4	3.9	9.4				6.9					14.5

TABLE: 199-V-82

QPMT 11B YEAR 1982 TURKEY ANTALYA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	SMUT %	EAR BORER	PLANT ASPECT	MOIST %
6 POOL 34 QPM (RSF)	6937	95	56	253	135	7.4	35.2	1.7	2.0	44.0	1.5	4.0	2.8	2.3	29.1
3 ACROSS 7941	6590	90	56	229	128	15.3	31.3	1.8	2.5	44.0	1.8	6.8	3.8	4.0	23.0
8 ACROSS 7845 NRE	6584	90	56	260	146	11.4	48.3	3.0	1.8	44.0	1.0	7.4	4.8	4.3	20.4
2 LA PLATINA 7941	6340	87	56	258	146	9.1	31.3	1.1	1.5	44.0	2.0	4.5	3.0	2.5	24.2
7 ACROSS 7741 RE	6216	85	57	260	140	5.1	52.3	1.3	2.8	44.0	1.0	5.7	4.8	4.5	25.9
4 ETO X ILL. QPM (RSF)	5994	82	55	254	139	6.3	14.8	1.2	1.0	44.0	1.8	9.1	1.8	1.3	29.5
1 PIRACICABA 7941	5931	81	57	241	140	14.8	36.9	0.7	1.8	44.0	1.5	10.2	3.5	4.3	31.9
5 POOL 31 QPM (RSF)	5278	72	57	250	128	12.5	28.4	0.6	2.5	44.0	1.8	6.3	2.8	3.3	24.5
MEANS	6234	85	56	251	138	10.2	34.8	1.4	2.0	44.0	1.5	6.7	3.4	3.3	26.0
MAXIMUM	6937	95	57	260	146	15.3	52.3	3.0	2.8	44.0	2.0	10.2	4.8	4.5	31.9
MINIMUM	5278	72	55	229	128	5.1	14.8	0.6	1.0	44.0	1.0	4.0	1.8	1.3	20.4
CHECKS (TESTIGOS):															
11 PX-616	7297	-	52	238	118	11.9	22.2	5.3	2.5	44.0	1.3	1.7	3.0	2.5	17.3
9 TURK OPAQUE	5115	-	54	275	141	12.5	48.9	8.4	1.8	44.0	1.8	3.4	5.0	3.3	19.6
10 ADA	4806	-	53	248	128	15.3	38.6	6.5	2.5	44.0	1.8	5.7	5.0	3.8	18.7
CHECK MEANS	5739	-	52	253	128	13.3	36.6	6.7	2.3	44.0	1.6	3.6	4.3	3.2	18.5
5% LSD	1172.4		2.0	20.1	19.1										
C.V.	13.3		2.5	5.5	9.8										

TABLE: 200-V-82

QPMT 11B YEAR 1982 PAKISTAN ISLAMABAD

CO-OPERATOR: DR. M. QASIM CHATHA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	MAIZE BORER %	MAIZE SHOOT FLY %	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	ENDO HARD	PLANTS HARV	PLNTS GERM	MOIST %
2 LA PLATINA 7941	4555	196	59	130	61	16.2	8.1	0.0	17.6	2.6	2.3	2.8	36.8	83.5	32.1
8 ACROSS 7845 NRE	4417	190	59	136	73	19.4	6.8	1.5	11.2	5.4	3.0	3.3	36.5	85.8	30.7
4 E10 X ILL. QPM (RSF)	4321	186	59	126	56	30.6	10.1	0.0	13.4	2.9	2.3	3.0	37.0	82.3	30.5
6 POOL 34 QPM (RSF)	4126	178	59	125	58	29.2	8.9	0.7	16.6	0.7	2.3	2.5	35.5	83.0	32.5
1 PIRACICABA 7941	3831	165	58	131	64	35.9	15.5	0.0	8.6	0.7	2.3	2.8	34.0	76.8	31.9
7 ACROSS 7741 RE	3550	153	58	124	66	52.3	15.9	2.2	8.0	2.4	2.0	2.5	32.5	78.8	31.0
5 POOL 31 QPM (RSF)	3360	145	59	130	55	44.5	16.0	0.0	8.2	7.4	2.3	2.5	35.0	79.5	32.2
3 ACROSS 7941	2991	129	59	130	61	32.7	16.8	3.1	16.5	2.5	2.3	2.8	31.8	79.8	29.8
MEANS	3894	168	59	129	62	32.6	12.3	0.9	12.5	3.1	2.3	2.8	34.9	81.2	31.3
MAXIMUM	4555	196	59	136	73	52.3	16.8	3.1	17.6	7.4	3.0	3.3	37.0	85.8	32.5
MINIMUM	2991	129	58	124	55	16.2	6.8	0.0	8.0	0.7	2.0	2.5	31.8	76.8	29.8
CHECKS (TESTIGOS):															
11 PCVSABEK-3081	2324	-	52	120	55	59.2	29.1	7.1	16.2	12.7	2.8	2.5	23.8	71.3	29.8
10 AGAITI-72	2304	-	53	130	59	57.1	24.1	2.3	13.2	12.1	2.0	2.5	24.3	61.8	26.0
9 POOL-17	2141	-	52	124	60	47.3	19.8	2.2	28.9	2.9	2.0	2.5	25.8	70.0	27.3
CHECK MEANS	2256	-	52	124	57	54.5	24.3	3.9	19.5	9.2	2.3	2.5	24.6	67.7	27.7
5% LSD	942.6		0.8	13.9	14.8								7.0		
C.V.	18.9		1.0	7.5	16.9								15.1		

TABLE: 201-V-82

GPMT 11B YEAR 1982 PAKISTAN PIRSABAK

CO-OPERATOR: M. SALIM CCRI, PIRSABAK

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
6 POOL 34 GPM (RSF)	4659	102	55	174	98	10.3	0.0	33.0	1.0	35.2
8 ACROSS 7845 NRE	4602	101	55	180	95	8.7	0.0	30.3	0.9	30.6
2 LA PLATINA 7941	4458	98	57	165	96	2.9	0.0	34.0	1.0	32.1
1 PIRACICABA 7941	4225	93	55	178	101	2.2	0.0	33.3	0.9	33.4
4 E10 X ILL. QPM (RSF)	4140	91	56	159	95	9.6	0.0	31.8	1.0	32.8
3 ACROSS 7941	4034	89	56	183	113	4.7	0.0	32.0	0.9	31.7
5 POOL 31 QPM (RSF)	3674	81	55	163	84	8.5	0.0	34.5	0.8	31.5
7 ACROSS 7741 RE	3117	68	60	154	93	9.4	0.0	29.8	0.8	34.6
MEANS	4114	90	56	169	97	7.0	0.0	32.3	0.9	32.7
MAXIMUM	4659	102	60	183	113	10.3	0.0	34.5	1.0	35.2
MINIMUM	3117	68	55	154	84	2.2	0.0	29.8	0.8	30.6
CHECKS (TESTIGOS):										
10 SARHAD WHITE	4558	-	57	173	94	3.7	0.0	32.3	0.9	33.7
9 PIRSABAK 80	3933	-	48	175	103	48.5	0.0	25.5	1.1	28.1
11 SARHAD YELLOW	3478	-	58	159	94	27.1	0.0	31.5	0.9	32.0
CHECK MEANS	3990	-	54	168	96	26.4	0.0	29.8	1.0	31.3
5% LSD	1091.6		2.5	28.3	19.7			6.6		2.9
C.V.	18.5		3.2	11.6	14.1			14.3		6.2

TABLE: 202-V-82 TRIAL: QPMT 11B

YEAR: 1982 MEANS ACROSS 29 LOCATIONS

ENTRY NO. AND NAME	KG./HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
8 ACROSS 7845 NRE	4712	Amarillo Bajío	100	61	183
3 ACROSS 7941	4570	Templado Amarillo QPM	97	62	183
2 LA PLATINA 7941	4527	Templado Amarillo QPM	96	62	177
6 POOL 34 QPM (RSF)	4513		96	61	177
7 ACROSS 7741 RE	4301	Templado Amarillo QPM	91	63	185
1 PIRACICABA 7941	4242	Templado Amarillo QPM	90	62	177
4 ETO X ILL. QPM (RSF)	4167		88	61	175
5 POOL 31 QPM (RSF)	3927		83	61	172

TABLE: 203-V-82

EVT 12: YEAR 1982 BOLIVIA IBOPERENDA

CO-OPERATOR: ALBERTO HINOJOSA PADILLA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
12 ACROSS 7929	7819	109	62	258	140	4.1	0.0	3.5	42.3	1.5	1.0	23.0
18 ACROSS 7729 RE	7744	108	65	213	125	1.2	0.0	4.5	42.0	1.5	1.1	22.6
11 EL PARAISO 7929	7710	108	65	250	138	0.0	0.0	3.0	43.0	1.5	1.0	23.0
16 ACROSS 8043	7703	107	66	260	141	4.2	0.0	0.0	41.3	1.0	1.0	25.1
13 SAN ANDRES 8043	7682	107	65	258	150	0.6	0.0	2.4	42.8	1.3	1.0	23.3
8 FERKE (1) 8022	7402	103	63	250	130	2.3	0.0	1.1	44.3	1.8	1.0	23.7
5 LA MAQUINA 8022	7333	102	64	238	138	1.3	0.0	1.8	41.5	1.5	1.0	24.2
9 ACROSS 8022	7304	102	63	240	125	1.7	0.6	3.3	43.3	1.5	1.0	23.0
7 GUAYMAS (1) 8022	7304	102	65	255	140	2.9	0.0	1.1	42.5	1.8	1.0	22.9
2 ACROSS 7921	7270	101	66	233	123	1.1	0.0	4.3	43.5	2.3	1.0	24.4
15 COTAXTLA 8043	7255	101	66	268	153	7.0	0.0	4.7	42.0	1.5	1.0	23.0
17 ACROSS 7622 RE	7242	101	65	250	133	1.2	0.0	1.1	42.0	1.5	1.1	23.5
6 STA. ROSA 8022	7227	101	64	243	131	0.0	0.0	1.2	41.3	1.5	1.1	23.7
3 CHUQUISACA (1) 7822	7173	100	66	243	135	3.5	1.8	1.8	42.5	1.8	1.0	24.1
4 POZA RICA 8022	7055	98	64	248	129	7.3	0.0	3.5	35.0	1.5	1.8	23.4
14 LOS DIAMANTES(1)8043	6755	94	66	270	150	4.7	0.0	4.0	43.0	1.8	1.0	22.7
1 LOS DIAMANTES(1)7921	6317	88	64	243	130	3.1	0.6	1.8	41.3	1.8	1.0	22.9
10 ACROSS 7925	5768	80	64	250	133	7.2	0.0	1.9	41.8	2.0	1.0	24.0
MEANS	7226	101	65	248	136	3.0	0.2	2.5	41.9	1.6	1.1	23.5
MAXIMUM	7819	109	66	270	153	7.3	1.8	4.7	44.3	2.3	1.8	25.1
MINIMUM	5768	80	62	213	123	0.0	0.0	0.0	35.0	1.0	1.0	22.6
CHECKS (TESTIGOS):												
19 TUZP. P.B.	7167	-	66	245	138	3.4	4.0	0.0	36.5	1.5	1.1	22.9
20 ETO BLANCO	6692	-	65	270	145	0.7	2.9	2.7	40.3	1.5	1.1	24.5
21 ETO X ILLINOIS	6127	-	61	253	131	3.1	4.9	4.0	40.8	2.3	1.0	23.3
CHECK MEANS	6662	-	63	255	137	2.4	3.9	2.2	39.2	1.8	1.1	23.5
5% LSD	1135.5		2.0	25.0	18.1				5.6			1.9
C.V.	11.2		2.2	7.1	9.4				9.6			5.7

TABLE: 204-V-83

EVT 12: YEAR 1982 MEXICO OBREGON(3)

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
4 POZA RICA 8022	7065	112	68	225	125	5.3	47.1	3.7	42.5	2.0	11.1	6.0	1.0	30.4
8 FERKE (1) 8022	6953	110	68	240	139	1.2	64.8	3.0	41.8	2.3	13.1	6.3	1.0	31.4
7 GUAYMAS (1) 8022	6791	107	68	215	130	2.4	46.5	0.6	43.0	1.8	9.3	5.3	0.9	30.5
2 ACROSS 7921	6405	101	69	211	121	0.7	78.6	5.0	39.5	2.0	9.5	6.5	1.0	31.5
9 ACROSS 8022	6280	99	69	228	124	1.8	78.6	5.0	42.3	2.3	11.9	7.0	0.9	29.0
11 EL PARAISO 7929	6260	99	67	216	124	4.9	66.9	2.5	41.0	1.8	17.0	5.3	0.9	29.0
6 STA. ROSA 8022	6137	97	69	220	130	1.2	52.0	6.7	41.8	1.8	9.1	4.5	0.9	30.6
15 COTAXTLA 8043	6076	96	70	238	145	5.5	56.8	3.8	40.8	2.3	21.3	6.5	1.0	31.4
5 LA MAQUINA 8022	6003	95	71	223	139	1.2	62.9	5.0	41.0	2.3	11.4	6.3	1.0	33.4
18 ACROSS 7729 RE	5979	95	67	228	134	3.1	64.4	6.0	40.0	2.3	9.6	6.3	0.9	29.5
16 ACROSS 8043	5917	94	54	221	126	0.6	49.4	2.1	39.5	2.5	14.2	5.0	0.9	32.5
12 ACROSS 7929	5910	93	68	220	121	5.0	69.1	2.0	39.0	2.0	19.1	6.8	0.9	30.9
14 LOS DIAMANTES(1)8043	5846	92	69	231	139	3.5	65.5	6.0	43.3	2.3	12.2	5.3	0.9	32.5
10 ACROSS 7925	5839	92	65	211	115	12.9	49.9	5.6	43.0	2.0	4.6	6.8	0.9	27.1
1 LOS DIAMANTES(1)7921	5668	90	71	224	130	1.9	80.6	2.7	41.3	2.5	5.7	6.5	0.9	34.3
13 SAN ANDRES 8043	5647	89	67	231	136	0.0	83.4	4.7	40.5	2.3	18.2	6.8	0.9	31.4
17 ACROSS 7622 RE	5631	89	68	215	129	7.3	67.6	4.5	41.3	2.5	9.1	7.0	0.9	27.7
3 CHUGUISACA (1) 7822	5415	86	69	229	135	0.7	91.0	7.4	39.8	3.3	8.6	7.5	0.9	32.1
MEANS	6101	97	67	224	130	3.3	65.3	4.2	41.2	2.2	12.0	6.2	0.9	30.8
MAXIMUM	7065	112	71	240	145	12.9	91.0	7.4	43.3	3.3	21.3	7.5	1.0	34.3
MINIMUM	5415	86	54	211	115	0.0	46.5	0.6	39.0	1.8	4.6	4.5	0.9	27.1
CHECKS (TESTIGOS):														
19 PR 7822	6322	-	69	224	126	0.6	82.0	3.9	41.5	2.0	10.5	7.0	1.0	29.7
20 PR 7843	5323	-	69	223	131	0.0	81.9	1.2	40.5	2.3	6.3	7.0	0.9	32.6
21 H-507	3032	-	39	275	198	0.0	97.2	12.3	39.0	3.3	6.4	8.8	0.5	31.4
CHECK MEANS	4893	-	58	240	151	0.2	87.0	5.8	40.3	2.5	7.7	7.6	0.8	31.2
5% LSD	909.0		18.2	17.3	16.7				3.3					3.1
C. V.	10.8		19.4	5.4	8.9				5.7					7.2

TABLE: 205-V-82

EVT 12: YEAR 1982 MEXICO XALISCO(NAY)

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	LEAF DIS.	HUSK COVER	PLANTS HARV	PLANT ASPECT	EARS/ PLNT	MOIST %
3 CHUGUISACA (1) 7822	9777	105	65	244	144	2.5	4.2	2.3	2.5	88.5	2.0	1.0	27.8
12 ACROSS 7929	8597	92	64	233	126	1.4	6.1	2.8	3.3	88.3	3.0	0.9	27.3
5 LA MAQUINA 8022	8556	92	65	229	123	2.7	3.3	2.5	2.8	83.5	1.8	1.0	27.3
2 ACROSS 7921	8450	90	65	229	122	2.3	4.0	2.3	2.5	86.8	3.0	1.0	26.9
17 ACROSS 7622 RE	8433	90	64	232	129	2.9	3.6	2.5	1.8	85.3	2.3	1.0	26.6
13 SAN ANDRES 8043	8399	90	68	257	149	2.3	4.6	2.8	2.8	88.0	1.5	0.9	26.9
8 FERKE (1) 8022	8112	87	67	229	119	2.0	2.1	2.8	3.0	84.8	1.8	1.0	28.6
16 ACROSS 8043	8026	86	68	248	139	1.4	2.8	3.3	2.8	87.3	2.3	0.9	27.5
4 POZA RICA 8022	8020	86	63	223	118	1.2	6.6	3.0	3.5	86.8	2.5	1.0	27.2
6 STA. ROSA 8022	7987	85	67	232	126	1.2	1.2	3.5	3.3	85.0	2.0	1.0	27.7
9 ACROSS 8022	7903	85	65	225	113	1.4	3.8	2.5	2.5	86.8	2.8	1.0	27.5
11 EL PARAISO 7929	7882	84	65	230	126	1.5	6.2	2.3	3.8	84.5	2.5	1.0	26.0
15 COTAXTLA 8043	7813	84	68	257	142	2.4	4.5	3.0	2.5	84.3	2.8	1.0	28.0
14 LOS DIAMANTES(1)8043	7762	83	67	255	145	1.5	4.0	2.8	2.8	85.3	2.8	1.0	28.5
18 ACROSS 7729 RE	7646	82	66	225	122	1.8	3.3	2.5	2.8	84.3	2.5	1.0	27.1
7 GUAYMAS (1) 8022	7589	81	65	226	125	1.5	5.3	2.8	2.5	87.0	3.0	0.9	26.9
1 LOS DIAMANTES(1)7921	7487	80	65	210	111	1.8	4.5	2.3	2.5	85.0	3.0	1.0	26.2
10 ACROSS 7925	7416	79	63	213	110	1.2	6.8	3.8	2.5	85.3	3.3	1.0	25.4
MEANS	8103	87	66	233	127	1.8	4.3	2.7	2.8	85.9	2.5	1.0	27.2
MAXIMUM	9777	105	68	257	149	2.9	6.8	3.8	3.8	88.5	3.3	1.0	28.6
MINIMUM	7416	79	63	210	110	1.2	1.2	2.3	1.8	83.5	1.5	0.9	25.4
CHECKS (TESTIGOS):													
20 LOCAL CHECK 2	9350	-	66	232	126	2.1	4.8	2.3	1.8	83.8	2.0	1.1	27.4
19 LOCAL CHECK 1	8511	-	72	265	157	3.1	0.4	2.3	1.3	77.5	1.8	1.3	27.9
21 LOCAL CHECK 3	8511	-	72	265	157	3.1	0.4	2.3	1.3	77.5	1.8	1.3	27.9
CHECK MEANS	8791	-	70	253	146	2.8	1.9	2.3	1.4	79.6	1.8	1.2	27.7
5% LSD	1043.4		1.5	13.3	10.8					5.4			2.4
C.V.	9.0		1.6	4.0	5.9					4.5			6.1

TABLE: 206-V-82

EVT 12: YEAR 1982 ANGOLA CHIANGO

CO-OPERATOR: FERNANDO MARCELINO

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM TURC	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
4 POZA RICA 8022	8818	173	83	236	129	10.5	6.0	11.6	1.0	1.8	39.5	2.8	40.1	2.5	18.5
7 GUAYMAS (1) 8022	8772	172	84	234	143	5.4	11.7	10.8	2.0	0.0	38.3	3.0	28.8	3.3	17.9
11 EL PARAISO 7929	8225	161	85	228	136	10.7	4.7	5.6	1.8	1.5	36.3	2.3	23.4	3.0	18.3
16 ACROSS 8043	7963	156	90	258	159	7.8	5.6	7.6	1.3	0.7	37.5	2.3	18.6	2.8	19.7
9 ACROSS 8022	7873	154	84	216	131	9.0	3.1	13.2	1.3	2.0	39.0	2.8	24.3	2.8	19.3
13 SAN ANDRES 8043	7784	152	88	246	155	7.4	6.8	12.4	2.0	1.3	38.8	2.8	25.3	3.0	17.5
8 FERKE (1) 8022	7783	152	84	243	130	6.5	11.9	12.9	1.0	0.0	35.5	2.8	27.2	2.8	18.4
12 ACROSS 7929	7747	152	83	240	145	15.8	6.5	12.8	1.5	0.0	38.3	3.0	41.9	3.5	17.6
17 ACROSS 7622 RE	7722	151	84	215	136	5.3	16.0	8.6	1.5	0.0	38.3	3.0	26.2	3.0	18.7
3 CHUQUISACA (1) 7922	7680	150	85	258	154	5.0	15.3	13.5	1.5	0.0	39.8	3.3	36.3	3.5	18.6
18 ACROSS 7729 RE	7679	150	85	226	134	6.7	10.8	10.9	1.8	0.6	37.5	3.0	27.3	3.5	17.7
6 STA. ROSA 8022	7659	150	84	239	141	10.5	3.7	13.4	1.5	0.6	38.5	2.8	26.1	2.8	19.7
14 LOS DIAMANTES(1)8043	7556	148	88	256	154	11.6	7.1	11.3	1.5	0.0	37.5	2.8	25.8	3.5	18.7
2 ACROSS 7921	7550	148	86	226	134	6.7	13.4	10.9	1.0	0.0	40.5	2.5	13.7	3.0	19.1
5 LA MAQUINA 8022	7504	147	85	234	134	7.3	2.6	10.6	2.3	1.3	37.8	2.8	28.7	2.3	19.0
15 COTAXTLA 8043	7082	139	87	255	156	10.9	8.8	10.7	1.8	0.7	32.5	2.8	31.1	3.5	17.9
10 ACROSS 7925	6613	129	83	200	114	20.2	9.5	10.0	1.0	0.0	37.3	2.8	23.8	3.8	17.0
1 LOS DIAMANTES(1)7921	6426	126	87	204	120	8.8	13.4	12.0	1.3	0.0	34.5	3.0	18.0	3.3	19.3
MEANS	7691	151	85	234	139	9.2	8.7	11.0	1.5	0.6	37.6	2.8	27.0	3.1	18.5
MAXIMUM	8818	173	90	258	159	20.2	16.0	13.5	2.3	2.0	40.5	3.3	41.9	3.8	19.7
MINIMUM	6426	126	83	200	114	5.0	2.6	5.6	1.0	0.0	32.5	2.3	13.7	2.3	17.0
CHECKS (TESTIGOS):															
21 SAM3	5109	-	87	258	166	8.6	20.8	10.9	1.0	0.0	22.0	3.0	60.3	4.8	17.3
19 BRANCO REDONDO	5063	-	84	243	143	6.2	12.2	4.4	1.0	1.1	23.0	3.0	24.4	4.5	17.9
20 HTCA2	3992	-	88	254	185	4.4	11.7	9.2	1.0	0.0	23.5	2.8	22.0	4.5	17.0
CHECK MEANS	4721	-	86	251	164	6.4	14.9	8.2	1.0	0.4	22.8	2.9	35.6	4.6	17.4
5% LSD	1445.3		2.5	27.0	25.3						6.4				
C. V.	14.1		2.0	8.1	12.6						12.7				

TABLE: 207-V-82

EVT 12: YEAR 1982 LIBERIA SUAKOKO

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	Hypochnus sasakii %	STEM LODG	ROOT LODG	%EAR ROT	Cercospora leaf spot 1-5 SCL1-5	Water soaked lesion SCL	HUSK COVER	PLANTS HARV	EAR ASPCT	MOIST %
1 LOS DIAMANTES(1)7921	4575	129	68	192	83	1.0	3.9	12.4	4.1	1.4	0.6	2.0	25.0	2.8	23.5
9 ACROSS 8022	4507	127	67	173	81	6.1	9.6	15.0	6.3	1.4	0.6	2.5	31.3	2.3	23.7
8 FERKE (1) 8022	4416	124	67	176	73	3.5	6.9	9.7	5.7	1.6	1.5	2.5	30.5	3.0	24.6
16 ACROSS 8043	4361	123	66	192	91	4.3	1.5	6.2	7.1	1.5	1.1	2.8	30.3	3.0	26.2
4 POZA RICA 8022	4105	116	70	206	94	0.9	10.0	17.9	6.7	1.5	1.4	3.3	21.5	2.0	25.4
10 ACROSS 7925	4005	113	68	183	89	2.1	12.5	20.5	8.2	1.5	1.3	2.8	25.3	3.8	26.2
2 ACROSS 7921	3891	110	64	189	86	4.9	2.9	43.3	5.7	1.5	0.5	2.8	22.5	2.0	24.7
7 GUAYMAS (1) 8022	3866	109	66	176	85	0.0	0.8	8.4	3.2	1.9	1.6	2.5	26.5	3.0	26.1
5 LA MAQUINA 8022	3807	107	66	190	91	3.8	12.4	8.8	9.1	1.6	1.1	3.3	25.8	3.0	24.2
6 STA. ROSA 8022	3783	107	67	154	67	3.5	9.2	22.7	6.4	1.3	0.8	2.5	27.0	1.3	25.0
12 ACROSS 7929	3769	106	65	178	82	1.2	16.9	26.5	9.7	1.9	1.0	1.3	24.0	3.5	26.4
18 ACROSS 7729 RE	3759	106	65	201	93	6.2	4.6	13.9	11.9	2.0	1.3	1.5	24.5	2.5	25.3
3 CHUQUISACA (1) 7822	3759	106	67	172	92	1.8	12.8	32.8	0.8	1.9	0.8	2.0	25.5	2.5	22.4
11 EL PARAISO 7929	3621	102	69	170	77	4.5	7.2	19.5	2.6	1.3	1.0	1.8	25.5	1.8	27.5
17 ACROSS 7622 RE	3598	101	65	181	82	3.1	5.7	34.1	6.2	2.0	0.9	2.8	20.3	2.5	26.9
13 SAN ANDRES 8043	3331	94	73	197	101	0.8	0.0	6.4	6.8	2.1	1.8	2.3	24.0	3.0	27.5
14 LOS DIAMANTES(1)8043	3089	87	72	187	89	0.0	8.6	20.0	0.0	2.0	0.8	1.8	20.8	2.3	25.9
15 COTAXTLA 8043	2882	81	73	217	101	3.1	17.5	14.3	12.0	1.9	1.4	2.5	17.3	3.3	28.5
MEANS	3840	108	68	185	86	2.8	7.9	18.5	6.2	1.7	1.1	2.4	24.8	2.6	25.5
MAXIMUM	4575	129	73	217	101	6.2	17.5	43.3	12.0	2.1	1.8	3.3	31.3	3.8	28.5
MINIMUM	2882	81	64	154	67	0.0	0.0	6.2	0.0	1.3	0.5	1.3	17.3	1.3	22.4
CHECKS (TESTIGOS):															
19 LOCAL CHECK 1	3549	-	65	187	88	2.1	15.0	4.6	1.9	1.8	0.6	1.5	19.5	2.8	24.6
20 LOCAL CHECK 2	3490	-	66	184	90	13.9	5.9	32.0	6.7	1.9	0.9	2.3	24.5	3.0	26.5
21 LOCAL CHECK 3	3435	-	67	174	81	3.8	11.9	5.4	7.6	1.5	0.6	2.3	25.8	2.8	27.8
CHECK MEANS	3491	-	66	181	86	6.6	10.9	14.0	5.4	1.7	0.7	2.0	23.3	2.8	26.3
5% LSD	1784.4		6.0	36.4	28.3								9.3		
C.V.	33.3		6.3	13.9	23.2								26.7		

TABLE: 208-V-82

EVT 12: YEAR 1982 MALAWI BVUNMBWE

CO-OPERATOR: N. M. NSAMJERME L. CHIPEMBIRO

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PUCC SORG	HELM TURC	PLANTS HARV	EARS/ PLNT	MOIST %
13 SAN ANDRES 8043	9184	98	71	227	99	15.4	2.7	3.0	1.0	42.5	1.1	13.9
8 FERKE (1) 8022	9132	98	71	236	111	13.0	10.2	1.0	3.0	44.3	1.2	17.9
16 ACROSS 8043	8820	94	71	218	91	8.0	7.0	2.0	2.0	44.0	1.1	18.4
2 ACROSS 7921	8777	94	71	202	80	11.9	5.8	1.0	4.0	42.5	1.1	17.5
11 EL PARAISO 7929	8630	92	67	222	106	8.2	5.1	2.0	4.0	43.0	1.1	17.1
15 COTAXTLA 8043	8583	92	71	220	102	9.1	10.2	3.0	1.0	43.5	1.0	15.7
9 ACROSS 8022	8477	91	67	230	105	6.5	11.7	2.0	5.0	42.8	1.1	15.8
14 LOS DIAMANTES(1)8043	8395	90	70	237	115	8.5	7.6	2.0	4.0	43.3	1.1	15.9
12 ACROSS 7929	8311	89	67	201	105	20.4	4.6	3.0	5.0	44.0	1.1	16.5
5 LA MAQUINA 8022	8308	89	67	235	120	4.6	14.0	3.0	5.0	44.0	1.2	18.4
18 ACROSS 7729 RE	8232	88	69	224	101	12.1	8.0	3.0	3.0	43.3	1.2	16.1
7 GUAYMAS (1) 8022	8205	88	70	214	108	14.3	10.1	2.0	5.0	43.8	1.1	17.8
3 CHUGUISACA (1) 7822	8137	87	70	223	104	10.5	4.9	2.0	3.0	43.3	1.1	17.3
4 POZA RICA 8022	7864	84	70	197	88	9.8	8.3	3.0	3.0	43.0	1.1	17.2
6 STA. ROSA 8022	7854	84	70	206	92	4.1	8.8	4.0	4.0	42.5	1.1	16.8
10 ACROSS 7925	7791	83	67	210	96	18.3	3.0	4.0	4.0	43.0	1.2	14.1
1 LOS DIAMANTES(1)7921	7475	80	70	224	100	13.9	5.7	5.0	3.0	43.0	1.0	18.1
17 ACROSS 7622 RE	7364	79	69	221	102	12.7	3.6	2.0	4.0	43.3	1.1	15.9
MEANS	8308	89	69	219	101	11.2	7.3	2.6	3.5	43.3	1.1	16.7
MAXIMUM	9184	98	71	237	120	20.4	14.0	5.0	5.0	44.3	1.2	18.4
MINIMUM	7364	79	67	197	80	4.1	2.7	1.0	1.0	42.5	1.0	13.9
CHECKS (TESTIGOS):												
21 MH12	9342	-	69	259	117	27.0	6.1	1.0	2.0	38.3	1.0	17.7
20 UCA	9134	-	69	243	152	21.8	4.4	3.0	3.0	41.5	1.1	16.6
19 CCCCD	8471	-	67	222	114	17.9	8.5	4.0	5.0	40.8	1.1	16.8
CHECK MEANS	8982	-	68	241	127	22.2	6.3	2.7	3.3	40.2	1.1	17.0
5% LSD	1224.3									3.6		
C.V.	10.3									5.9		

TABLE: 209-V-82

EVT 12: YEAR 1982 MALAWI CHITEDZE

CO-OPERATOR: WG. NHLANE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC SORG	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
13 SAN ANDRES 8043	5388	99	69	201	101	2.3	3.5	2.7	2.8	2.8	43.5	2.3	5.2	2.3	24.3
16 ACROSS 8043	5216	96	69	201	100	5.1	3.4	1.7	3.3	2.5	44.0	3.5	2.3	2.5	24.0
4 POZA RICA 8022	5099	94	66	181	83	7.6	10.3	0.5	2.8	2.5	41.5	2.5	9.9	3.3	22.0
11 EL PARAISO 7929	5045	93	66	182	87	4.0	1.7	2.2	3.0	2.8	43.8	2.8	6.3	2.5	23.6
15 COTAXTLA 8043	5017	92	70	213	105	6.3	5.3	2.3	2.5	2.5	43.0	2.3	7.7	2.3	23.9
2 ACROSS 7921	4918	91	67	187	92	2.3	9.7	1.7	2.3	2.3	43.8	3.0	2.3	2.5	23.4
3 CHUGUISACA (1) 7822	4907	90	69	183	88	6.3	4.5	0.6	2.8	2.8	44.0	3.8	6.3	2.8	26.2
14 LOS DIAMANTES(1)8043	4880	90	70	207	105	5.3	6.0	1.2	3.0	2.3	42.3	2.5	3.5	2.3	25.3
5 LA MAQUINA 8022	4821	89	67	176	79	6.9	7.1	2.2	3.0	2.3	44.3	2.8	5.0	2.8	24.3
8 FERKE (1) 8022	4535	84	70	186	83	5.9	2.4	1.7	2.8	2.0	42.8	3.0	5.2	3.0	24.6
9 ACROSS 8022	4532	83	66	164	72	5.7	6.8	0.5	2.8	2.3	43.8	3.0	1.7	3.0	23.4
7 GUAYMAS (1) 8022	4443	82	66	181	86	8.2	5.7	4.5	2.8	2.3	43.3	2.8	7.6	2.5	23.2
18 ACROSS 7729 RE	4442	82	68	178	84	7.0	3.5	2.7	2.8	2.8	42.8	3.3	3.5	3.3	23.6
6 STA. ROSA 8022	4325	80	68	175	79	5.1	2.3	1.1	2.8	2.5	44.0	3.0	1.7	3.3	24.9
17 ACROSS 7622 RE	4126	76	67	188	82	11.2	5.4	0.5	2.3	2.3	42.8	3.5	3.6	2.8	23.4
1 LOS DIAMANTES(1)7921	4028	74	70	170	75	2.8	17.0	2.3	2.3	2.3	42.8	3.0	2.4	3.3	24.0
10 ACROSS 7925	3961	73	69	162	70	15.0	4.3	0.5	2.5	2.5	42.8	3.5	0.6	3.5	22.7
12 ACROSS 7929	3881	71	69	171	75	6.6	6.2	1.1	3.0	2.5	42.0	3.8	3.5	2.8	24.3
MEANS	4642	86	68	184	86	6.3	5.8	1.7	2.7	2.4	43.2	3.0	4.4	2.8	23.9
MAXIMUM	5388	99	70	213	105	15.0	17.0	4.5	3.3	2.8	44.3	3.8	9.9	3.5	26.2
MINIMUM	3881	71	66	162	70	2.3	1.7	0.5	2.3	2.0	41.5	2.3	0.6	2.3	22.0
CHECKS (TESTIGOS):															
21 MH12	5429	-	72	231	112	2.3	0.0	1.8	2.0	2.3	43.0	2.0	0.6	2.8	27.8
19 CCC CO	5391	-	68	195	93	7.0	5.9	1.7	2.5	2.5	42.0	2.8	4.1	3.0	24.6
20 UCA C2	5224	-	71	240	124	16.8	6.0	1.8	2.3	2.5	42.5	2.5	7.1	2.8	26.6
CHECK MEANS	5348	-	70	221	109	8.7	4.0	1.8	2.3	2.4	42.5	2.4	3.9	2.8	26.3
5% LSD	1421.7		2.7	23.5	15.6						3.0				
C. V.	21.2		2.8	8.8	12.3						4.9				

TABLE: 210-V-82

EVT 12: YEAR 1982 MALAWI MBAWA

CO-OPERATOR: WG. NHLANE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC SORG	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	EARS/ PLNT
7 GUAYMAS (1) 8022	5818	103	70	235	106	29.3	1.2	19.5	2.8	2.5	42.0	3.3	22.0	1.3	1.1
9 ACROSS 8022	5798	103	69	246	95	32.0	0.0	8.6	2.3	2.8	42.8	2.5	15.9	3.0	1.1
6 STA. ROSA 8022	5455	97	71	236	102	13.1	0.0	8.4	3.3	2.0	43.8	2.5	18.9	2.8	1.0
17 ACROSS 7622 RE	5434	96	70	240	99	13.1	1.3	18.4	2.5	3.3	42.5	3.0	30.4	2.0	1.0
16 ACROSS 8043	5333	95	74	241	124	30.8	3.6	5.8	1.8	2.3	41.5	3.0	30.6	2.3	1.0
12 ACROSS 7929	5273	94	70	232	103	40.0	2.9	7.8	3.3	2.3	39.5	3.0	24.8	3.5	1.1
13 SAN ANDRES 8043	5273	94	72	248	112	21.2	0.0	11.2	1.8	2.3	43.0	3.5	21.0	2.3	1.0
5 LA MAQUINA 8022	5131	91	70	228	91	25.7	4.2	10.3	2.5	2.8	42.0	3.3	34.5	1.3	1.0
1 LOS DIAMANTES(1)7921	5111	91	71	219	89	16.4	0.0	14.0	3.3	2.3	40.8	2.5	21.6	1.5	1.0
2 ACROSS 7921	5091	90	72	233	114	40.9	1.8	10.6	1.5	1.8	41.3	3.0	14.0	2.3	1.0
8 FERKE (1) 8022	5051	90	70	256	109	27.0	0.0	6.3	2.8	2.5	42.3	3.0	48.4	3.5	1.0
14 LOS DIAMANTES(1)8043	4990	89	74	260	121	41.5	7.1	5.2	2.0	2.3	39.3	3.5	26.1	1.3	1.1
11 EL PARAISO 7929	4909	87	72	217	90	38.9	1.1	9.5	3.5	2.0	42.0	3.8	18.6	2.5	1.1
4 POZA RICA 8022	4869	86	69	239	96	48.7	0.0	8.9	2.5	3.0	41.5	3.3	32.6	3.0	1.1
3 CHUQUISACA (1) 7822	4768	85	71	227	100	35.1	1.2	10.0	2.5	2.3	42.0	3.3	14.9	2.3	1.0
10 ACROSS 7925	4667	83	69	211	84	46.3	2.9	13.8	2.5	3.3	41.5	2.8	32.7	2.3	1.1
18 ACROSS 7729 RE	4667	83	72	232	106	22.0	1.3	9.0	2.3	2.8	41.0	3.0	25.7	2.0	1.1
15 COTAXTLA 8043	4626	82	73	234	111	30.4	4.9	11.3	1.5	2.3	40.3	3.3	29.4	2.0	1.0
MEANS	5126	91	71	235	103	30.7	1.9	10.5	2.5	2.5	41.6	3.1	25.7	2.3	1.1
MAXIMUM	5818	103	74	260	124	48.7	7.1	19.5	3.5	3.3	43.8	3.8	48.4	3.5	1.1
MINIMUM	4626	82	69	211	84	13.1	0.0	5.2	1.5	1.8	39.3	2.5	14.0	1.3	1.0
CHECKS (TESTIGOS):															
19 CCC CO	5636	-	70	257	112	34.7	1.7	7.1	2.3	2.0	43.0	3.3	23.9	2.3	1.0
21 MH12	5455	-	74	293	133	22.0	0.6	0.6	3.5	2.0	39.8	1.8	46.1	1.8	1.0
20 UCA	4667	-	72	272	144	67.0	1.3	5.1	1.8	2.0	38.8	2.8	31.6	2.8	1.0
CHECK MEANS	5253	-	71	273	129	41.2	1.2	4.3	2.5	2.0	40.5	2.6	33.9	2.3	1.0
5% LSD	639.9		2.1	28.2	20.3						3.0				
C. V.	8.8		2.1	8.3	13.4						5.1				

TABLE: 211-V-82

EVT 12: YEAR 1982 MOZAMBIQUE CHIPEMBE

CO-OPERATOR: YENS PEDERSEN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EARS/ PLNT	MOIST %
6 STA. ROSA 8022	5572	125	58	225	110	1.6	66.7	43.0	1.1	26.3
15 COTAXTLA 8043	5009	112	61	223	120	6.7	60.8	40.0	1.0	26.7
9 ACROSS 8022	4968	111	58	198	97	0.8	61.7	41.3	1.0	24.1
3 CHUGUISACA (1) 7822	4932	110	58	220	112	3.3	73.8	40.7	1.0	23.9
17 ACROSS 7622 RE	4865	109	57	220	113	2.3	57.1	42.0	1.0	24.9
2 ACROSS 7921	4767	107	58	192	102	0.8	76.9	40.7	1.0	24.6
14 LOS DIAMANTES(1)8043	4743	106	59	213	112	3.3	81.5	41.3	1.0	25.7
12 ACROSS 7929	4697	105	59	212	93	3.5	69.9	39.0	1.0	24.9
18 ACROSS 7729 RE	4656	104	58	182	88	1.6	88.1	39.7	1.1	22.3
8 FERKE (1) 8022	4612	103	57	188	87	1.6	70.4	41.3	1.1	26.0
5 LA MAQUINA 8022	4460	100	58	207	108	0.8	72.3	38.3	1.0	25.3
16 ACROSS 8043	4390	98	60	228	103	2.4	77.1	41.0	1.0	24.5
11 EL PARAISO 7929	4334	97	58	195	82	1.6	81.4	41.3	1.0	22.6
10 ACROSS 7925	4279	96	58	193	90	4.7	71.2	42.0	1.1	22.4
1 LOS DIAMANTES(1)7921	4136	93	59	200	98	1.7	68.4	41.0	1.0	28.3
13 SAN ANDRES 8043	4127	92	58	230	112	0.0	68.2	40.7	1.1	22.2
7 GUAYMAS (1) 8022	4110	92	68	190	90	7.0	80.5	41.3	1.0	21.5
4 POZA RICA 8022	3968	89	57	220	98	1.7	73.4	38.0	1.0	23.4
MEANS	4590	103	59	208	101	2.5	72.2	40.7	1.0	24.4
MAXIMUM	5572	125	68	230	120	7.0	88.1	43.0	1.1	28.3
MINIMUM	3968	89	57	182	82	0.0	57.1	38.0	1.0	21.5
CHECKS (TESTIGOS):										
21 VAR2 (MUKULU)	4467	-	59	207	110	0.0	68.3	37.3	1.0	25.2
20 VAR1 (MANICA)	4453	-	60	190	103	1.7	75.5	38.7	1.0	27.3
19 R-200	4227	-	55	218	98	5.0	72.5	40.0	1.0	20.0
CHECK MEANS	4382	-	57	205	103	2.2	72.1	38.7	1.0	24.2
5% LSD	961.0		6.4	29.3	28.0			3.2		4.0
C.V.	12.8		6.6	8.6	16.8			4.8		10.1

TABLE: 212-V-82

EVT 12: YEAR 1982 MOZAMBIQUE LICHINGA

CO-OPERATOR: YENS PEDERSEN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	HELM TURC	PLANTS HARV	EAR ASPCT	EAR BORER	EARS/ PLNT	MOIST %
5 LA MAGUINA 8022	4458	98	73	179	84	2.3	1.1	3.3	21.8	3.0	1.0	1.5	21.2
8 FERKE (1) 8022	4442	98	73	186	83	3.7	0.0	2.0	21.0	3.0	1.3	1.6	22.5
18 ACROSS 7729 RE	4420	97	72	181	84	4.6	1.3	2.0	21.5	2.8	1.5	1.5	22.2
12 ACROSS 7929	4390	97	74	180	87	4.7	1.2	2.8	21.3	2.8	1.5	1.5	22.3
4 POZA RICA 8022	4323	95	71	172	90	8.3	1.3	2.5	21.3	3.3	1.5	1.7	22.0
3 CHUQUISACA (1) 7822	4270	94	74	187	87	3.7	2.4	1.8	20.5	2.8	1.3	1.6	22.6
11 EL PARAISO 7929	4268	94	74	168	79	9.7	2.2	2.0	22.3	2.3	1.8	1.5	21.6
16 ACROSS 8043	4215	93	77	193	103	3.3	3.4	2.5	22.3	2.3	1.5	1.4	23.8
2 ACROSS 7921	4192	92	74	175	82	2.3	1.2	1.8	21.5	2.5	1.3	1.4	21.8
17 ACROSS 7622 RE	4179	92	71	188	93	4.4	2.2	2.5	22.3	2.5	2.0	1.4	22.0
1 LOS DIAMANTES(1)7921	4160	92	74	176	80	3.5	2.4	3.0	22.0	3.0	1.3	1.4	22.4
14 LOS DIAMANTES(1)8043	4109	91	77	207	99	3.5	0.0	2.5	21.5	2.5	1.8	1.3	24.6
7 GUAYMAS (1) 8022	4089	90	71	194	89	7.1	3.5	2.8	21.8	2.8	1.3	1.4	23.0
9 ACROSS 8022	4080	90	72	179	74	7.2	1.1	2.5	21.0	2.8	1.3	1.4	21.0
6 STA. ROSA 8022	4078	90	74	173	79	1.1	1.0	2.3	23.3	3.0	1.5	1.4	22.5
10 ACROSS 7925	3972	88	71	180	74	12.1	0.0	2.3	20.8	2.8	1.5	1.6	20.0
15 COTAXTLA 8043	3934	87	77	203	95	2.3	2.3	2.3	21.3	2.5	1.3	1.3	23.5
13 SAN ANDRES 8043	3680	81	77	194	99	0.0	1.2	1.8	22.3	2.8	1.5	1.3	22.6
MEANS	4181	92	74	184	87	4.7	1.5	2.3	21.6	2.7	1.4	1.5	22.3
MAXIMUM	4458	98	77	207	103	12.1	3.5	3.3	23.3	3.3	2.0	1.7	24.6
MINIMUM	3680	81	71	168	74	0.0	0.0	1.8	20.5	2.3	1.0	1.3	20.0
CHECKS (TESTIGOS):													
19 HIBRID SR 52	4538	-	76	225	102	2.1	0.0	1.0	17.8	1.3	2.0	1.0	24.5
20 MANICA	4433	-	75	178	93	4.5	1.7	2.0	16.8	2.5	1.3	1.4	22.5
21 MUKULU	2673	-	76	184	86	0.0	4.3	2.3	16.8	2.8	1.5	1.4	22.9
CHECK MEANS	3881	-	75	195	93	2.2	2.0	1.8	17.1	2.2	1.6	1.3	23.3
5% LSD	914.2		1.2	24.6	14.7				2.6				2.6
C.V.	15.6		1.1	9.4	11.9				8.7				8.3

TABLE: 213-V-82

EVT 12: YEAR 1982 REP. S. AFRICA POTCHEFSTROOM

CO-OPERATOR: DR. A.P. FOURIE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H.C.	SMUT %	SHELLING %	EARS/ PLNT	MOIST %
4 POZA RICA 8022	1474	57	77	223	91	3.2	0.7	2.6	37.8	0.0	0.0	78.4	0.9	14.6
12 ACROSS 7929	1394	54	77	232	94	9.5	0.0	0.7	39.8	1.3	0.6	78.8	0.8	14.3
9 ACROSS 8022	1371	53	76	209	83	5.3	0.0	0.0	38.0	0.7	0.6	78.1	0.8	14.6
18 ACROSS 7729 RE	1365	53	79	227	95	3.3	0.7	4.1	37.5	2.6	0.0	80.1	0.8	13.0
11 EL PARAISO 7929	1320	51	78	226	97	3.2	0.6	2.5	38.3	0.0	0.0	81.9	0.7	13.9
5 LA MAQUINA 8022	1228	48	77	211	91	3.3	0.0	4.1	38.8	2.6	0.0	77.5	0.8	14.8
8 FERKE (1) 8022	1227	48	78	214	95	2.0	0.0	2.6	38.8	0.0	0.0	80.1	0.7	13.6
6 STA. ROSA 8022	1150	45	77	218	90	1.3	0.0	2.2	39.0	1.9	0.0	77.1	0.7	15.7
10 ACROSS 7925	1110	43	77	221	96	18.0	2.1	2.8	38.5	0.0	0.0	76.4	0.7	14.1
17 ACROSS 7622 RE	1097	43	77	217	93	4.0	0.7	6.3	37.8	0.0	0.0	76.8	0.7	13.7
7 GUAYMAS (1) 8022	1090	42	78	222	94	5.8	0.0	6.4	38.5	3.2	0.0	77.1	0.7	13.8
3 CHUQUISACA (1) 7822	968	38	79	226	96	8.4	0.6	3.1	38.8	1.9	1.3	76.2	0.6	15.8
2 ACROSS 7921	953	37	79	221	95	2.0	0.6	3.0	38.8	0.7	1.3	79.1	0.5	13.9
1 LOS DIAMANTES(1)7921	872	34	79	212	85	6.4	1.3	2.8	39.3	0.0	0.6	75.3	0.6	14.7
16 ACROSS 8043	607	24	81	234	96	5.9	0.6	4.0	38.5	0.0	0.0	75.7	0.5	16.3
13 SAN ANDRES 8043	558	22	81	217	97	3.2	0.6	1.5	39.3	1.3	1.3	76.2	0.4	13.7
15 COTAXTLA 8043	457	18	81	240	106	6.6	0.6	11.4	38.0	4.0	0.0	76.5	0.4	13.1
14 LOS DIAMANTES(1)8043	451	18	81	239	96	5.1	0.0	7.8	38.5	2.0	1.3	76.0	0.4	14.2
MEANS	1038	40	78	223	94	5.3	0.5	3.8	38.5	1.2	0.4	77.6	0.6	14.3
MAXIMUM	1474	57	81	240	106	18.0	2.1	11.4	39.8	4.0	1.3	81.9	0.9	16.3
MINIMUM	451	18	76	209	83	1.3	0.0	0.0	37.5	0.0	0.0	75.3	0.4	13.0
CHECKS (TESTIGOS):														
21 LOCAL CHECK 3	2567	-	71	195	65	3.4	0.0	0.0	38.8	0.0	0.0	82.5	1.1	12.9
20 LOCAL CHECK 2	2270	-	72	186	79	14.4	0.0	5.8	39.8	0.0	0.0	82.9	1.0	12.9
19 LOCAL CHECK 1	1724	-	73	220	103	7.1	0.7	2.4	39.3	0.6	0.6	85.9	0.8	13.9
CHECK MEANS	2187	-	71	200	82	8.3	0.2	2.8	39.3	0.2	0.2	83.8	0.9	13.2
5% LSD	371.7		1.4	20.3	10.5				1.8					0.0
C.V.	21.9		1.2	6.5	8.1				3.2					0.0

TABLE: 214-V-82

EVT 12: YEAR 1982 TANZANIA ILONGA

CO-OPERATOR: NATIONAL MAIZE RESEARCH PROGRAM

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PUCC POLY	HELM MAYD	STREAK %	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	MOIST %
5 LA MAGUINA 8022	5572	120	70	164	78	4.1	3.0	2.3	3.0	27.1	42.5	2.3	2.5	81.0	24.8
16 ACROSS 8043	5457	118	71	177	90	4.9	1.4	2.5	2.0	28.6	40.3	2.0	2.5	82.3	24.9
7 GUAYMAS (1) 8022	5355	116	65	165	88	5.4	1.3	2.5	2.3	25.8	41.8	2.8	2.8	84.0	23.7
9 ACROSS 8022	5280	114	69	163	76	3.1	0.7	2.0	3.0	21.1	41.5	2.3	2.8	78.8	25.1
12 ACROSS 7929	5090	110	66	168	85	7.3	0.0	2.8	3.0	27.6	41.8	2.8	3.0	84.0	21.6
13 SAN ANDRES 8043	5013	108	66	176	88	4.5	3.1	2.0	2.8	28.2	40.5	2.5	2.5	83.5	23.6
1 LOS DIAMANTES(1)7921	4877	105	70	150	74	0.0	2.6	2.5	2.5	30.2	38.5	2.5	2.5	76.0	24.3
2 ACROSS 7921	4863	105	67	160	85	5.6	2.0	2.3	2.3	32.5	40.8	2.5	3.0	78.8	24.6
15 COTAXTLA 8043	4815	104	67	190	103	4.6	1.5	2.5	2.5	26.4	40.5	2.5	2.5	84.5	24.6
18 ACROSS 7729 RE	4806	104	68	160	83	5.3	0.7	2.0	3.0	41.8	39.5	2.0	3.0	80.5	22.7
11 EL PARAISO 7929	4790	104	65	154	76	3.4	1.9	2.5	2.0	34.0	43.5	3.3	3.3	65.0	23.3
17 ACROSS 7622 RE	4784	103	67	157	83	2.3	3.8	2.5	2.5	37.4	43.5	2.3	2.8	84.8	24.4
3 CHUQUISACA (1) 7822	4750	103	69	163	88	6.2	0.0	2.0	2.5	37.4	40.5	2.8	2.5	85.5	25.1
8 FERKE (1) 8022	4556	99	69	155	77	4.7	0.0	2.0	2.8	31.4	42.3	2.8	2.5	76.8	25.7
6 STA. ROSA 8022	4511	98	68	158	82	2.6	2.2	2.5	2.8	31.1	41.0	2.3	3.0	82.0	24.9
4 POZA RICA 8022	4477	97	66	152	74	3.6	0.6	2.3	2.8	28.7	40.8	2.5	2.8	79.5	23.4
14 LOS DIAMANTES(1)8043	4273	92	69	185	98	2.6	0.0	2.5	2.0	29.3	39.0	2.3	2.5	81.0	24.3
10 ACROSS 7925	4101	89	67	145	68	10.4	7.3	2.5	2.8	25.2	40.8	2.3	3.0	83.8	23.8
MEANS	4854	105	68	163	83	4.5	1.8	2.3	2.6	30.2	41.0	2.5	2.7	80.6	24.2
MAXIMUM	5572	120	71	190	103	10.4	7.3	2.8	3.0	41.8	43.5	3.3	3.3	85.5	25.7
MINIMUM	4101	89	65	145	68	0.0	0.0	2.0	2.0	21.1	38.5	2.0	2.5	65.0	21.6
CHECKS (TESTIGOS):															
19 EV 8076	4624	-	69	189	95	6.1	5.1	2.0	3.0	15.8	32.0	2.5	2.3	66.3	23.9
21 EV 7980	3826	-	70	150	69	2.5	1.5	2.0	2.8	31.2	33.3	2.8	2.5	75.0	24.6
20 ICW	3802	-	73	217	114	8.9	0.9	2.3	2.3	27.2	34.0	2.3	2.8	68.8	24.7
CHECK MEANS	4084	-	70	185	92	5.8	2.5	2.1	2.7	24.7	33.1	2.5	2.5	70.0	24.4
5% LSD	833.2		3.5	15.8	14.3						4.7				
C.V.	12.4		3.7	6.7	12.0						8.2				

TABLE: 215-V-82

EVT 12: YEAR 1982 TOGO SOTOUBOUA

CO-OPERATOR: SCHWIEBERT, WILFRIED

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	%BAD H. C.	PLNTS GERM	EARS/ PLNT	MOIST %
14 LOS DIAMANTES(1)8043	5851	119	54	334	144	42.5	15.9	295.8	0.9	12.7
15 COTAXTLA 8043	5553	113	55	308	154	38.5	19.6	291.5	1.0	12.3
13 SAN ANDRES 8043	5371	110	53	298	146	38.3	20.9	272.5	1.0	12.0
7 GUAYMAS (1) 8022	5289	108	53	261	119	39.3	15.3	287.0	1.0	11.5
5 LA MAQUINA 8022	5234	107	54	290	138	39.5	24.1	305.0	1.0	12.2
6 STA. ROSA 8022	5036	103	54	289	134	39.5	29.9	284.0	1.0	11.7
17 ACROSS 7622 RE	5031	103	53	268	129	39.5	13.4	280.8	1.0	11.0
11 EL PARAISO 7929	5012	102	52	276	119	38.5	35.2	276.5	1.0	11.9
1 LOS DIAMANTES(1)7921	4967	101	53	278	120	40.3	9.4	270.3	0.9	11.8
12 ACROSS 7929	4955	101	53	286	146	39.0	41.2	286.8	1.0	11.9
3 CHUGUISACA (1) 7822	4928	101	54	276	138	37.8	22.9	280.0	1.0	10.6
2 ACROSS 7921	4876	100	54	270	130	38.5	11.8	286.8	1.0	11.0
8 FERKE (1) 8022	4825	98	53	285	116	40.0	13.8	279.8	0.9	11.2
9 ACROSS 8022	4823	98	53	285	129	39.8	8.3	277.8	1.0	11.3
16 ACROSS 8043	4821	98	56	300	119	39.3	6.3	257.5	1.0	11.9
18 ACROSS 7729 RE	4773	97	53	263	111	38.8	19.5	277.0	0.9	11.3
4 POZA RICA 8022	4728	97	53	270	121	38.8	22.2	285.8	1.0	11.7
10 ACROSS 7925	4722	96	53	265	130	39.3	12.0	283.3	1.0	11.5
MEANS	5044	103	54	283	130	39.3	19.0	282.1	1.0	11.6
MAXIMUM	5851	119	56	334	154	42.5	41.2	305.0	1.0	12.7
MINIMUM	4722	96	52	261	111	37.8	6.3	257.5	0.9	10.6
CHECKS (TESTIGOS):										
19 LA POSTA	4899	-	57	356	146	36.8	3.6	284.5	1.0	12.2
21 NHA	3260	-	51	316	141	33.8	1.7	247.8	1.0	11.4
20 TSVIE	2754	-	55	331	149	34.8	0.0	221.5	1.1	11.4
CHECK MEANS	3638	-	54	334	145	35.1	1.8	251.3	1.0	11.7
5% LSD	763.2		2.7	26.6	39.0	3.1				1.3
C. V.	11.1		3.5	6.5	20.8	5.8				8.0

TABLE: 216-V-82

EVT 12: YEAR 1982 TOGO SUCRAL

CO-OPERATOR: F. MOREAU

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	EARS/ PLNT	MOIST %
13 SAN ANDRES 8043	5637	135	77	206	101	0.0	0.0	7.5	68.8	7.3	1.0	28.1
5 LA MAQUINA 8022	5249	126	77	195	94	0.0	0.0	7.4	67.0	11.8	1.0	28.4
11 EL PARAISO 7929	5097	122	77	186	85	0.0	0.0	7.3	70.3	6.6	1.0	28.5
14 LOS DIAMANTES(1)8043	4971	119	77	226	103	0.0	0.0	9.7	71.8	6.0	1.0	28.3
6 STA. ROSA 8022	4940	118	77	194	94	0.0	0.4	5.0	70.8	4.5	1.0	28.7
15 COTAXTLA 8043	4711	113	77	226	111	0.0	0.0	8.2	67.0	5.5	1.0	28.2
9 ACROSS 8022	4711	113	77	183	90	0.0	0.0	4.8	62.3	5.2	1.0	28.8
7 GUAYMAS (1) 8022	4645	111	77	174	94	0.0	0.4	7.1	73.0	5.0	1.0	28.3
18 ACROSS 7729 RE	4570	109	77	177	85	0.0	0.0	5.1	64.0	5.4	1.0	28.2
8 FERKE (1) 8022	4490	108	77	184	100	0.0	0.4	8.9	63.0	9.5	1.0	28.5
17 ACROSS 7622 RE	4443	106	77	181	90	0.0	0.0	8.0	70.5	5.4	1.0	28.5
16 ACROSS 8043	4366	105	77	207	103	0.0	0.4	7.3	64.5	4.8	1.0	28.5
4 POZA RICA 8022	4294	103	77	191	100	0.0	0.0	11.2	65.0	8.3	1.0	28.3
12 ACROSS 7929	4167	100	76	191	100	0.0	2.2	9.5	62.8	14.1	1.0	28.4
2 ACROSS 7921	4132	99	78	169	90	0.0	1.3	7.3	65.8	4.5	1.0	28.3
3 CHUQUISACA (1) 7822	4027	96	77	201	102	0.4	4.7	13.0	63.5	9.8	1.0	28.3
1 LOS DIAMANTES(1)7921	3850	92	77	190	92	0.0	0.0	3.7	64.3	4.9	1.0	28.6
10 ACROSS 7925	3495	84	77	186	83	0.3	1.3	11.2	71.3	5.2	1.0	28.8
MEANS	4544	109	77	192	95	0.0	0.6	7.9	67.0	6.9	1.0	28.4
MAXIMUM	5637	135	78	226	111	0.4	4.7	13.0	73.0	14.1	1.0	28.8
MINIMUM	3495	84	76	169	83	0.0	0.0	3.7	62.3	4.5	1.0	28.1
CHECKS (TESTIGOS):												
20 LOCAL	4175	-	79	275	159	0.0	1.5	5.8	58.5	2.8	1.0	29.3
21 LOCAL	2692	-	78	248	140	0.0	0.0	13.3	39.8	5.7	1.0	28.5
19 LA POSTA	2003	-	79	251	144	0.0	0.0	5.6	50.0	0.0	1.0	29.1
CHECK MEANS	2957	-	78	257	147	0.0	0.5	8.2	49.4	2.8	1.0	29.0
5% LSD	1407.0		1.2	44.0	26.5				9.8			0.1
C.V.	23.0		1.1	15.4	18.3				10.8			0.4

TABLE: 217-V-82

EVT 12: YEAR 1982 ZAIRE KISANGA

CO-OPERATOR: PNM ZAIRE

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
8 FERKE (1) 8022	7174	107	73	170	81	11.2	15.7	3.6	1.8	40.5	2.0	1.1	18.6
2 ACROSS 7921	7060	105	75	159	74	10.9	15.6	3.6	1.0	40.3	1.8	1.1	17.4
6 STA. ROSA 8022	6844	102	75	163	74	8.0	9.1	2.6	1.0	40.5	2.0	1.0	17.2
13 SAN ANDRES 8043	6839	102	75	214	99	8.8	20.7	3.5	2.3	40.3	2.0	1.0	17.3
9 ACROSS 8022	6667	99	74	152	71	5.7	11.0	4.1	1.3	40.8	2.0	1.0	18.0
3 CHUGUISACA (1) 7822	6655	99	76	162	78	6.4	9.0	4.8	1.8	39.8	2.0	1.1	19.6
11 EL PARAISO 7929	6430	96	74	166	81	17.3	15.9	3.1	1.8	40.8	2.5	1.1	18.0
18 ACROSS 7729 RE	6367	95	74	164	85	10.2	13.2	10.4	1.3	39.3	2.0	1.1	17.3
16 ACROSS 8043	6162	92	79	171	75	14.4	21.1	0.6	1.0	35.8	1.8	1.1	17.0
4 POZA RICA 8022	6152	92	73	151	69	15.1	11.3	3.5	1.8	40.0	1.8	1.1	17.2
7 GUAYMAS (1) 8022	6146	92	75	165	77	16.3	26.5	6.7	1.0	38.8	2.5	1.1	17.0
17 ACROSS 7622 RE	6030	90	74	154	74	10.2	9.3	5.5	1.0	40.3	2.3	1.0	17.1
15 COTAXTLA 8043	5876	88	77	173	82	13.3	17.5	7.7	1.5	40.0	2.3	1.1	17.6
5 LA MAQUINA 8022	5815	87	75	143	62	7.8	17.6	4.9	1.3	39.0	2.0	1.1	18.4
14 LOS DIAMANTES(1)8043	5683	85	77	181	87	16.8	17.6	5.2	1.0	37.5	2.3	1.0	16.9
1 LOS DIAMANTES(1)7921	5520	82	75	137	63	14.8	15.9	1.8	1.0	37.8	2.5	1.1	17.6
12 ACROSS 7929	5508	82	74	148	70	17.0	13.8	7.3	1.3	40.5	2.3	1.0	20.4
10 ACROSS 7925	5357	80	75	162	65	33.7	13.0	8.4	1.3	38.8	2.5	1.1	16.5
MEANS	6238	93	75	163	76	13.2	15.2	4.8	1.3	39.5	2.1	1.1	17.7
MAXIMUM	7174	107	79	214	99	33.7	26.5	10.4	2.3	40.8	2.5	1.1	20.4
MINIMUM	5357	80	73	137	62	5.7	9.0	0.6	1.0	35.8	1.8	1.0	16.5
CHECKS (TESTIGOS):													
19 PNM 1	6708	-	78	195	104	17.9	15.1	6.3	1.5	38.0	1.5	1.0	18.8
21 KASAI	6574	-	75	168	80	14.5	20.3	1.8	1.0	38.3	1.8	1.1	17.7
20 SHABA 1	6562	-	76	177	89	12.4	15.4	3.8	1.0	37.5	1.8	1.0	19.4
CHECK MEANS	6615	-	76	180	90	14.9	16.9	4.0	1.2	37.9	1.7	1.0	18.6
5% LSD	1295.9		2.0	24.9	15.2					3.6			3.3
C.V.	14.6		1.8	10.6	13.8					6.5			12.9

TABLE: 218-V-82

EVT 12: YEAR 1982 ZIMBABWE HARARE

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
4 POZA RICA 8022	9379	77	74	277	156	0.0	0.0	1.8	41.3	1.3	13.6
16 ACROSS 8043	9094	75	78	284	178	0.6	0.6	0.9	42.5	1.3	13.1
5 LA MAQUINA 8022	9057	74	74	261	148	2.5	0.0	1.5	40.5	1.2	13.2
15 COTAXTLA 8043	9027	74	77	291	175	0.6	1.8	2.3	42.3	1.2	13.0
13 SAN ANDRES 8043	8900	73	77	279	178	0.6	1.8	1.5	41.3	1.3	12.7
3 CHUQUISACA (1) 7822	8879	73	75	257	159	1.1	0.0	2.5	43.0	1.2	13.5
14 LOS DIAMANTES(1)8043	8860	73	75	289	181	0.6	0.0	2.6	44.0	1.1	13.1
7 GUAYMAS (1) 8022	8843	73	75	260	156	1.2	2.0	2.3	42.0	1.3	13.6
6 STA. ROSA 8022	8789	72	75	269	150	0.0	0.0	1.5	41.8	1.2	13.2
11 EL PARAISO 7929	8669	71	76	270	162	1.2	0.0	1.9	42.5	1.2	13.3
8 FERKE (1) 8022	8633	71	75	280	157	0.6	0.0	2.9	41.3	1.2	13.5
12 ACROSS 7929	8506	70	75	268	158	1.1	0.0	3.0	42.5	1.2	13.4
9 ACROSS 8022	8501	70	74	265	157	0.0	0.6	1.6	43.5	1.1	13.3
17 ACROSS 7622 RE	8360	69	74	273	161	1.8	0.6	3.4	39.5	1.3	13.3
1 LOS DIAMANTES(1)7921	8338	68	75	258	146	1.7	0.6	3.3	43.8	1.2	13.1
10 ACROSS 7925	8302	68	74	252	140	1.2	1.1	2.7	41.8	1.4	13.3
2 ACROSS 7921	8183	67	77	259	151	0.8	0.0	2.0	39.5	1.2	13.4
18 ACROSS 7729 RE	7760	64	78	265	155	1.2	0.0	1.5	43.0	1.2	12.9
MEANS	8671	71	75	270	159	0.9	0.5	2.2	42.0	1.2	13.2
MAXIMUM	9379	77	78	291	181	2.5	2.0	3.4	44.0	1.4	13.6
MINIMUM	7760	64	74	252	140	0.0	0.0	0.9	39.5	1.1	12.7
CHECKS (TESTIGOS):											
21 ZS225	12177	-	66	276	147	2.2	1.9	0.6	40.5	1.2	13.0
19 SR52	11392	-	76	299	164	1.7	1.7	0.0	43.8	1.1	13.4
20 ZS107	8417	-	75	295	182	0.6	0.0	1.7	38.5	1.2	13.3
CHECK MEANS	10662	-	72	289	164	1.5	1.2	0.8	40.9	1.1	13.2
5% LSD	1832.6		2.6	20.8	22.1				4.2		0.4
C.V.	14.5		2.4	5.4	9.8				7.1		2.3

TABLE: 219-V-82

EVT 12: YEAR 1982 VIETNAM HO-CHI-MINH CITY

CO-OPERATOR: VO DINH LONG, PHAN THOUNG TRINH

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	CORTICIUM SASAKII %	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	PLNTS GERM	EARS/ PLNT	MOIST %
8 FERKE (1) 8022	4911	118	54	181	84	2.5	4.8	3.7	5.4	40.8	81.5	0.9	18.0
6 STA. ROSA 8022	4350	104	56	175	81	6.5	9.0	12.0	2.1	39.0	80.0	0.9	18.0
3 CHUQUISACA (1) 7822	4256	102	56	167	82	6.1	11.0	9.4	8.3	41.3	83.3	0.9	18.0
16 ACROSS 8043	4256	102	58	192	95	4.4	4.3	8.7	2.8	40.5	82.0	0.9	18.0
4 POZA RICA 8022	4233	102	54	174	77	5.4	4.8	12.0	4.1	41.3	83.3	0.9	18.0
9 ACROSS 8022	4163	100	54	176	82	4.2	5.4	7.0	5.2	41.8	84.3	0.9	18.0
14 LOS DIAMANTES(1)8043	4116	99	55	188	97	7.2	5.4	18.4	0.8	38.3	78.5	0.8	18.0
7 GUAYMAS (1) 8022	4116	99	56	178	81	6.1	6.7	9.1	2.9	40.8	82.8	0.9	18.0
13 SAN ANDRES 8043	4023	97	54	180	89	6.4	8.3	16.2	4.5	39.5	79.3	0.9	18.0
15 COTAXTLA 8043	3999	96	57	187	87	5.5	7.9	9.2	3.9	41.0	82.8	0.9	18.0
12 ACROSS 7929	3952	95	54	181	83	6.6	12.0	12.6	6.9	41.3	83.3	0.9	18.0
18 ACROSS 7729 RE	3952	95	55	162	81	7.6	15.7	10.0	6.1	39.8	81.0	0.9	18.0
11 EL PARAISO 7929	3952	95	54	175	79	5.3	7.1	14.8	0.8	42.5	85.8	0.8	18.0
2 ACROSS 7921	3906	94	55	181	80	6.7	5.5	11.0	1.5	41.0	83.5	0.9	18.0
5 LA MAQUINA 8022	3765	90	55	156	76	7.6	8.9	16.3	7.7	40.0	81.3	0.8	18.0
17 ACROSS 7622 RE	3765	90	56	174	83	6.7	7.3	16.6	3.5	37.5	75.5	0.9	18.0
10 ACROSS 7925	3695	89	55	174	77	7.3	10.9	12.4	6.4	38.0	77.3	0.9	18.0
1 LOS DIAMANTES(1)7921	2900	70	56	171	85	10.5	6.5	16.1	8.4	39.0	79.5	0.7	18.0
MEANS	4017	97	55	176	83	6.2	7.9	12.0	4.5	40.2	81.4	0.9	18.0
MAXIMUM	4911	118	58	192	97	10.5	15.7	18.4	8.4	42.5	85.8	0.9	18.0
MINIMUM	2900	70	54	156	76	2.5	4.3	3.7	0.8	37.5	75.5	0.7	18.0
CHECKS (TESTIGOS):													
21 WESTERN YELLOW	4163	-	58	208	124	3.2	1.5	3.9	0.9	31.5	63.8	1.0	18.0
20 NHA-MO COMPOSITE	3508	-	52	208	112	4.2	11.7	12.8	3.7	36.0	72.5	0.9	18.0
19 EARLY THAI COMP.	2923	-	52	210	107	3.7	6.4	9.5	0.0	27.8	58.5	0.9	18.0
CHECK MEANS	3531	-	53	208	114	3.7	6.5	8.8	1.5	31.8	64.9	0.9	18.0
5% LSD	652.0		1.1	14.9	9.3					4.5			
C.V.	11.7		1.4	5.8	7.5					8.3			

TABLE: 220-V-82

EVT 12: YEAR 1982 VIETNAM HUNG LOC

CO-OPERATOR: VO DINH LONG, TRAN ANH NGUYET

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	CORTICIUM SASAKII %	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	BORER %	PLNTS GERM	MOIST %
13 SAN ANDRES 8043	4746	102	58	222	98	16.2	1.1	0.6	0.6	43.3	1.8	11.0	42.1	86.3	21.9
4 POZA RICA 8022	4718	102	56	202	98	20.9	1.7	0.6	1.9	43.0	1.5	8.7	51.2	87.0	20.5
16 ACROSS 8043	4666	101	59	232	115	23.7	1.2	4.6	0.6	42.5	1.5	7.0	48.9	86.5	23.5
17 ACROSS 7622 RE	4622	100	57	215	110	24.5	0.6	1.2	1.8	42.8	1.5	10.0	41.6	86.5	21.4
3 CHUQUISACA (1) 7822	4542	98	58	225	112	18.2	0.0	0.6	0.0	43.8	1.8	12.0	51.5	87.8	22.0
8 FERKE (1) 8022	4521	97	58	228	107	24.2	1.1	1.8	0.6	43.0	1.5	9.3	51.6	87.5	21.5
7 GUAYMAS (1) 8022	4459	96	57	218	110	19.7	1.2	2.5	1.8	42.3	1.8	7.6	37.1	87.5	23.0
14 LOS DIAMANTES(1)8043	4421	95	59	239	129	20.1	1.1	3.5	1.3	43.8	1.8	8.8	36.0	87.0	22.6
15 COTAXTLA 8043	4408	95	58	238	122	25.3	5.3	4.7	2.6	42.5	1.5	10.6	36.5	87.3	22.8
12 ACROSS 7929	4406	95	56	203	102	25.7	0.6	0.0	0.6	42.3	2.3	13.6	26.3	87.0	19.5
10 ACROSS 7925	4370	94	56	193	90	20.5	0.6	2.3	1.2	43.8	1.8	2.3	18.8	86.5	21.1
6 STA. ROSA 8022	4364	94	57	211	98	22.9	0.6	1.7	0.6	42.0	1.8	10.7	47.4	86.0	22.6
11 EL PARAISO 7929	4361	94	57	204	101	22.7	0.7	1.2	0.7	41.5	1.8	11.5	40.1	86.0	22.4
1 LOS DIAMANTES(1)7921	4337	93	58	209	108	26.9	0.6	1.2	1.9	42.8	2.0	5.3	37.8	87.5	21.5
18 ACROSS 7729 RE	4324	93	57	209	100	19.3	1.2	2.4	1.3	43.0	2.0	9.3	40.7	87.8	21.8
2 ACROSS 7921	4310	93	59	210	102	20.1	0.6	1.1	0.7	42.3	1.5	6.6	34.8	86.5	22.2
9 ACROSS 8022	4051	87	58	227	116	24.7	0.0	0.6	0.0	43.5	2.3	8.0	45.4	88.0	20.2
5 LA MAQUINA 8022	3873	83	57	211	99	16.8	0.0	0.0	2.0	42.8	2.5	8.1	34.0	86.8	20.5
MEANS	4417	95	57	216	106	21.8	1.0	1.7	1.1	42.8	1.8	8.9	40.1	87.0	21.7
MAXIMUM	4746	102	59	239	129	26.9	5.3	4.7	2.6	43.8	2.5	13.6	51.6	88.0	23.5
MINIMUM	3873	83	56	193	90	16.2	0.0	0.0	0.0	41.5	1.5	2.3	18.8	86.0	19.5
CHECKS (TESTIGOS):															
20 NHA-MO COMPOSITE	4642	-	54	241	124	18.2	6.3	5.2	1.2	43.3	1.8	5.7	34.3	85.3	19.4
19 EARLY THAI COMP.	4170	-	55	230	123	10.5	7.4	9.9	0.0	40.5	2.3	14.2	38.1	79.8	20.5
21 WESTERN YELLOW	3342	-	61	248	139	7.3	6.9	8.1	1.5	40.3	2.8	2.0	54.5	82.3	20.8
CHECK MEANS	4051	-	56	239	128	12.0	6.9	7.7	0.9	41.3	2.3	7.3	42.3	82.4	20.2
5% LSD	604.9		1.1	19.9	19.3					2.0					
C. V.	9.8		1.4	6.4	12.5					3.2					

TABLE: 221-V-82 TRIAL: EVT 12:

YEAR: 1982 MEANS ACROSS 51 LOCATIONS

ENTRY NO. AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
4 POZA RICA 8022	5467	Mezcla Tropical Blanco	103	62	205
7 GUAYMAS (1) 8022	5456	Mezcla Tropical Blanco	102	62	206
8 FERKE (1) 8022	5448	Mezcla Tropical Blanco	102	63	209
5 LA MAQUINA 8022	5408	Mezcla Tropical Blanco	101	62	204
16 ACROSS 8043	5388	La Posta	101	64	219
13 SAN ANDRES 8043	5329	La Posta	100	63	218
17 ACROSS 7622 RE	5329	Mezcla Tropical Blanco	100	62	207
3 CHUQUISACA (1) 7822	5326	Mezcla Tropical Blanco	100	63	209
2 ACROSS 7921	5305	Tuxpeño-1	100	63	202
9 ACROSS 8022	5280	Mezcla Tropical Blanco	99	62	203
6 STA. ROSA 8022	5255	Mezcla Tropical Blanco	99	63	204
12 ACROSS 7929	5242	Tuxpeño-Caribe	98	62	205
11 EL PARAISO 7929	5214	Tuxpeño-Caribe	98	62	203
15 COTAXTLA 8043	5196	La Posta	98	64	225
18 ACROSS 7729 RE	5152	Tuxpeño-Caribe	97	63	203
1 LOS DIAMANTES(1)7921	5137	Tuxpeño-1	96	63	200
14 LOS DIAMANTES(1)8043	5137	La Posta	96	64	227
10 ACROSS 7925	4832	Blanco Cristalino-3	91	62	198

TABLE: 222-V-82

EVT 13: YEAR 1982 BOLIVIA IBOPERENDA

CO-OPERATOR: ALBERTO HINOJOSA PADILLA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
8 SUWAN 8027	7767	123	64	248	134	4.6	0.0	4.3	42.5	1.3	1.1	24.8
13 ACROSS 7728 RE	7713	122	65	253	139	2.4	0.0	7.2	41.5	1.3	1.2	24.5
10 ACROSS 7928	7659	121	65	250	140	2.4	0.0	4.5	41.3	1.0	1.1	25.6
4 SATIPO (1) 7827	7589	120	65	248	141	2.4	0.0	4.4	42.5	1.3	1.0	24.2
6 POZA RICA 8027	7440	118	65	241	145	2.3	0.6	6.9	42.8	1.0	1.2	24.0
7 TOCUMEN 8027	7415	118	65	228	123	1.8	0.0	6.7	41.0	1.0	1.2	23.8
1 POZA RICA 8024	7347	116	65	258	148	5.3	0.0	7.2	42.8	1.3	1.1	24.9
2 CHIRIQUI (1) 8024	7298	116	65	233	133	6.2	0.0	0.0	41.0	1.0	1.0	24.1
5 GUAYMAS 8027	7257	115	65	248	138	0.6	0.0	4.3	40.3	1.3	1.2	24.0
3 CHIRIQUI (2) 8024	7188	114	65	245	139	4.8	0.0	4.9	42.0	1.0	1.1	24.9
9 PICHILINGUE 7928	7168.	114	65	238	131	4.2	0.0	3.5	41.3	1.3	1.0	23.8
11 PIURA (1) 7936	6890	109	65	235	126	1.9	0.0	4.3	40.8	1.3	1.0	24.0
14 ACROSS 7627 RE	6488	103	65	240	128	1.3	0.0	4.2	40.8	1.3	1.0	25.2
12 ACROSS 7936	6377	101	64	253	143	3.1	0.0	4.1	40.5	1.3	1.0	25.3
MEANS	7257	115	65	244	136	3.1	0.0	4.7	41.5	1.2	1.1	24.5
MAXIMUM	7767	123	65	258	148	6.2	0.6	7.2	42.8	1.3	1.2	25.6
MINIMUM	6377	101	64	228	123	0.6	0.0	0.0	40.3	1.0	1.0	23.8
CHECKS (TESTIGOS):												
15 CUBANO AMARILLO	6307	-	67	275	164	4.2	5.0	4.6	36.3	1.0	1.1	25.0
16 E10 X ILLINOIS	6126	-	64	230	130	3.8	2.8	4.8	38.5	2.0	1.0	23.5
17 GATEADO	5191	-	66	260	155	3.9	10.6	4.7	29.8	1.0	0.9	25.5
CHECK MEANS	5875	-	65	255	149	3.9	6.1	4.7	34.8	1.3	1.0	24.6
5% LSD	1148.2		0.9	23.7	19.8				2.5			2.0
C.V.	11.5		1.0	6.8	10.1				4.4			5.7

TABLE: 223-V-82

EVT 13: YEAR 1982 BRAZIL BARREIRAS

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	PLNTS GERM	EARS/ PLNT	MOIST %
13 ACROSS 7728 RE	7056	97	56	229	121	1.8	1.9	12.2	41.3	42.9	42.3	1.0	14.4
12 ACROSS 7936	6915	95	55	210	115	3.5	0.0	7.1	42.0	26.7	44.8	1.0	14.4
3 CHIRIQUI (2) 8024	6600	90	57	216	116	3.5	0.6	7.4	43.3	40.6	44.8	1.0	14.6
6 POZA RICA 8027	6596	90	55	224	115	1.9	0.0	4.7	41.3	33.4	43.3	1.0	14.5
9 PICHILINGUE 7928	6561	90	57	215	108	3.6	0.0	8.9	40.0	35.8	42.3	1.0	14.6
10 ACROSS 7928	6535	90	60	224	116	1.2	0.6	13.8	42.8	38.3	43.3	0.9	14.3
2 CHIRIQUI (1) 8024	6429	88	57	209	117	5.4	2.4	9.8	40.5	34.5	42.0	1.0	14.2
11 PIURA (1) 7936	6271	86	56	200	102	3.6	0.6	14.8	41.3	40.8	43.5	0.9	14.3
5 GUAYMAS 8027	6128	84	58	208	106	2.3	1.3	7.3	40.5	24.4	42.8	1.0	14.5
1 POZA RICA 8024	6022	83	58	210	106	0.6	1.9	12.8	39.5	49.9	41.5	0.9	14.4
8 SUWAN 8027	6021	83	57	217	113	2.4	0.6	6.3	42.0	31.5	42.5	1.0	14.6
7 TOCUMEN 8027	5931	81	56	214	116	1.2	1.4	14.6	38.5	33.1	41.3	1.0	14.1
14 ACROSS 7627 RE	5200	71	55	225	112	1.6	2.7	18.5	34.3	47.3	34.5	1.0	14.6
4 SATIPO (1) 7827	5010	69	61	232	116	0.0	0.6	14.3	39.0	34.6	40.0	0.9	14.1
MEANS	6234	85	57	217	113	2.3	1.0	10.9	40.4	36.7	42.0	1.0	14.4
MAXIMUM	7056	97	61	232	121	5.4	2.7	18.5	43.3	49.9	44.8	1.0	14.6
MINIMUM	5010	69	55	200	102	0.0	0.0	4.7	34.3	24.4	34.5	0.9	14.1
CHECKS (TESTIGOS):													
15 CENTRALMEX J-X	7297	-	60	274	160	9.7	5.7	5.5	39.3	38.3	44.5	0.9	14.1
16 DENTADO COMP. NE	6931	-	62	264	162	8.7	2.9	14.9	42.5	47.2	45.0	0.9	13.7
17 PIRANAO VD-2	5191	-	63	209	111	3.1	0.7	14.3	40.8	41.0	42.5	0.9	14.4
CHECK MEANS	6473	-	61	248	144	7.2	3.1	11.6	40.8	42.2	44.0	0.9	14.1
5% LSD	844.5		2.7	16.3	12.7				4.0				0.7
C.V.	9.5		3.3	5.1	7.5				6.9				3.3

TABLE: 224-V-82

EVT 13: YEAR 1982 BRAZIL CAPINOPOLIS

CO-OPERATOR:

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	PLANT ASPECT	EARS/ PLNT	MOIST %
5 GUAYMAS 8027	6615	130	57	239	133	1.5	0.0	2.0	50.8	3.0	1.0	20.0
10 ACROSS 7928	6489	128	57	231	127	2.0	0.0	1.6	49.5	2.8	0.9	20.3
6 POZA RICA 8027	6450	127	57	230	133	1.0	0.0	2.5	49.8	3.0	1.0	20.7
13 ACROSS 7728 RE	6291	124	57	230	127	1.0	0.6	3.8	48.0	2.8	1.0	21.8
12 ACROSS 7936	6208	122	57	226	129	3.9	0.0	2.8	50.8	2.5	0.9	19.3
9 PICHILINGUE 7928	6132	121	57	228	127	6.1	0.0	4.9	49.5	3.0	0.9	20.7
3 CHIRIQUI (2) 8024	6026	118	58	224	126	2.0	0.0	6.3	49.3	3.0	0.9	20.5
1 POZA RICA 8024	5934	117	58	226	129	7.0	0.5	2.6	47.0	3.0	1.0	20.7
11 PIURA (1) 7936	5858	115	57	217	121	4.5	0.0	3.8	50.0	2.8	0.9	20.6
7 TOCUMEN 8027	5850	115	57	226	131	2.5	0.0	3.5	49.0	2.3	0.9	20.9
2 CHIRIQUI (1) 8024	5514	108	58	231	135	4.6	0.0	3.1	48.3	3.0	0.9	19.9
8 SUWAN 8027	5479	108	58	224	124	1.0	0.0	5.5	47.8	2.5	0.9	22.1
14 ACROSS 7627 RE	5044	99	57	231	118	1.6	0.0	3.9	47.5	3.3	1.0	21.5
4 SATIPO (1) 7827	4965	98	59	232	125	0.5	0.0	5.6	49.3	3.0	0.8	20.6
MEANS	5918	116	57	228	127	2.8	0.1	3.7	49.0	2.8	0.9	20.7
MAXIMUM	6615	130	59	239	135	7.0	0.6	6.3	50.8	3.3	1.0	22.1
MINIMUM	4965	98	57	217	118	0.5	0.0	1.6	47.0	2.3	0.8	19.3
CHECKS (TESTIGOS):												
15 LOCAL CHECK 1	5087	-	58	242	146	7.6	0.0	6.1	44.0	2.8	1.0	19.5
17 LOCAL CHECK 3	4544	-	57	254	141	7.1	0.0	5.0	40.3	2.8	0.9	18.5
16 LOCAL CHECK 2	4420	-	58	255	153	9.0	0.0	2.5	41.3	2.8	1.0	19.9
CHECK MEANS	4683	-	57	250	146	7.9	0.0	4.5	41.8	2.8	1.0	19.3
5% LSD	961.6		1.2	8.1	8.9				4.4			1.6
C.V	11.9		1.4	2.4	4.8				6.5			5.7

TABLE: 225-V-82

EVT 13: YEAR 1982 BRAZIL JARDINOPOLIS

CO-OPERATOR: LIMAGRAIN DO BRASIL PRODUCTOS AGRICOLAS LTDA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
9 PICHILINGUE 7928	4623	79	63	266	118	77.3	55.1	29.8	44.0	1.0	18.1
12 ACROSS 7936	4562	77	62	264	126	92.6	32.4	22.6	44.0	1.0	17.6
13 ACROSS 7728 RE	4491	76	63	279	131	81.3	23.3	32.2	44.0	1.0	19.2
11 PIURA (1) 7936	4325	73	61	246	120	90.9	22.7	34.6	44.0	1.0	18.3
2 CHIRIQUI (1) 8024	4282	73	65	261	133	92.0	19.3	23.2	44.0	1.0	18.7
3 CHIRIQUI (2) 8024	4224	72	64	256	115	90.8	33.2	20.4	43.8	0.9	18.5
1 POZA RICA 8024	4211	72	64	269	124	83.5	47.7	35.6	44.0	1.0	18.4
8 SUWAN 8027	4156	71	63	269	120	89.8	40.9	29.6	44.0	1.0	19.1
7 TOCUMEN 8027	4108	70	62	264	115	75.6	30.7	29.9	44.0	1.0	18.3
6 POZA RICA 8027	3979	68	63	273	119	86.3	29.7	26.5	43.8	1.0	18.3
5 GUAYMAS 8027	3968	67	64	263	118	79.5	37.5	25.1	44.0	1.0	18.5
10 ACROSS 7928	3905	66	62	276	130	77.3	42.6	33.0	44.0	0.9	18.0
14 ACROSS 7627 RE	3838	65	63	276	110	75.0	55.1	31.8	44.0	1.0	18.9
4 SATIPO (1) 7827	3654	62	65	275	135	77.8	27.3	32.4	44.0	0.9	18.6
MEANS	4166	71	63	267	122	83.6	35.5	29.1	44.0	1.0	18.4
MAXIMUM	4623	79	65	279	135	92.6	55.1	35.6	44.0	1.0	19.2
MINIMUM	3654	62	61	246	110	75.0	19.3	20.4	43.8	0.9	17.6
CHECKS (TESTIGOS):											
15 DINA 3030	5887	-	67	306	173	44.3	30.7	34.4	44.0	1.1	19.1
16 AG 403	4856	-	69	275	139	71.0	21.0	21.3	44.0	1.1	18.2
17 HMD 7974	4438	-	69	298	166	55.1	32.4	32.0	44.0	1.0	18.3
CHECK MEANS	5060	-	68	292	159	56.8	28.0	29.2	44.0	1.1	18.5
5% LSD	422.5		2.1	20.2	14.8				0.2		0.9
C.V.	6.9		2.3	5.2	8.1				0.4		3.4

TABLE: 226-V-82

EVT 13: YEAR 1982 BRAZIL PATOS DE MINAS

CO-OPERATOR: EPAMIG

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	PLNTS GERM	EARS/ PLNT	MOIST %
12 ACROSS 7936	5860	98	67	186	97	4.8	3.7	18.1	41.8	21.0	43.5	1.1	14.1
8 SUWAN 8027	5796	97	67	189	97	3.6	0.6	15.3	42.0	25.5	43.5	1.1	14.1
3 CHIRIQUI (2) 8024	5626	94	65	186	97	3.5	1.1	22.6	43.5	17.7	44.0	1.0	14.1
5 GUAYMAS 8027	5554	93	67	195	106	6.6	2.4	31.8	41.5	18.8	43.8	1.1	14.1
7 TOCUMEN 8027	5483	91	65	191	97	2.3	0.6	18.0	43.0	25.2	43.8	1.0	14.2
6 POZA RICA 8027	5457	91	65	186	99	5.8	1.1	27.8	43.5	26.4	43.8	1.0	14.1
13 ACROSS 7728 RE	5393	90	68	189	103	9.1	3.7	21.6	41.3	26.1	43.3	1.1	14.1
2 CHIRIQUI (1) 8024	5389	90	65	184	98	5.3	2.9	14.8	42.5	24.0	43.3	1.0	14.1
10 ACROSS 7928	5303	88	65	194	101	4.9	1.8	32.5	42.0	24.4	43.8	1.0	13.9
1 POZA RICA 8024	5282	88	68	188	102	6.5	3.0	26.1	42.5	15.8	43.8	1.1	14.2
4 SATIPO (1) 7827	5260	88	65	184	97	2.9	2.3	22.4	43.5	19.4	44.0	1.0	14.0
14 ACROSS 7627 RE	5086	85	66	196	106	3.5	3.5	19.6	43.3	19.6	43.5	1.0	14.1
11 PIURA (1) 7936	5013	84	65	182	90	5.3	0.6	20.7	42.8	31.7	43.8	1.0	14.1
9 PICHILINGUE 7928	4959	83	65	186	93	2.9	0.6	25.1	43.0	26.7	43.8	1.0	14.0
MEANS	5390	90	66	188	99	4.8	2.0	22.6	42.6	23.0	43.7	1.0	14.1
MAXIMUM	5860	98	68	196	106	9.1	3.7	32.5	43.5	31.7	44.0	1.1	14.2
MINIMUM	4959	83	65	182	90	2.3	0.6	14.8	41.3	15.8	43.3	1.0	13.9
CHECKS (TESTIGOS):													
16 AG 401	5993	-	66	191	106	6.5	0.0	20.2	42.3	21.3	43.3	1.1	14.1
15 CARGILL 111	5688	-	65	198	101	5.3	0.0	21.1	43.3	22.5	43.8	1.1	14.2
17 AG 301	5386	-	65	191	102	5.3	3.5	22.8	42.3	23.1	43.3	1.0	14.2
CHECK MEANS	5689	-	65	193	102	5.7	1.2	21.4	42.6	22.3	43.4	1.1	14.2
5% LSD	945.7		2.9	17.4	14.5				2.3				0.3
C V	12.2		3.1	6.5	10.2				3.7				1.3

TABLE: 227-V-82

EVT 13: YEAR 1982 BRAZIL UBIRABA

CO-OPERATOR: EPAMIG

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
7 TOCUMEN 8027	5921	119	69	183	81	4.4	0.6	17.3	2.5	39.8	1.3	20.3	2.5	1.0	14.7
13 ACROSS 7728 RE	5861	117	69	177	68	4.0	1.4	18.2	2.3	36.5	1.8	26.8	1.3	1.1	14.6
9 PICHILINGUE 7928	5693	114	72	176	75	3.2	0.0	25.6	2.8	39.3	2.5	30.2	1.8	1.1	14.6
10 ACROSS 7928	5398	108	70	178	70	5.7	0.8	24.6	3.0	34.5	2.9	29.0	2.8	1.1	14.5
12 ACROSS 7936	5292	106	69	175	73	11.8	1.3	17.2	2.5	37.3	2.6	18.0	2.8	1.1	14.6
1 POZA RICA 8024	5246	105	71	179	76	13.7	0.0	20.3	2.5	35.5	2.3	27.6	2.0	1.1	14.8
4 SATIPO (1) 7827	5164	103	71	200	68	5.0	0.0	16.9	2.5	37.5	2.3	22.6	1.5	1.1	14.5
6 POZA RICA 8027	5091	102	69	177	62	10.1	0.0	18.0	2.3	40.3	2.1	23.5	1.8	1.1	14.6
8 SUWAN 8027	5091	102	71	167	68	3.2	0.6	22.2	3.0	39.0	2.0	20.7	3.0	1.0	14.6
2 CHIRIQUI (1) 8024	5041	101	72	183	74	14.5	0.7	12.9	2.0	35.0	2.0	21.1	2.5	1.1	14.3
5 GUAYMAS 8027	4890	98	73	184	74	4.7	0.7	15.0	2.3	38.5	2.0	14.5	1.5	1.0	14.6
3 CHIRIQUI (2) 8024	4856	97	70	168	70	13.2	0.0	16.8	2.8	38.5	2.6	20.2	2.8	1.0	14.6
11 PIURA (1) 7936	4717	94	64	158	58	5.1	0.0	34.7	3.0	38.0	3.4	21.0	3.3	1.1	14.7
14 ACROSS 7627 RE	4498	90	71	185	66	7.4	0.0	16.3	2.8	37.0	2.4	20.6	3.0	1.0	14.4
MEANS	5197	104	70	178	70	7.6	0.4	19.7	2.6	37.6	2.3	22.6	2.3	1.1	14.6
MAXIMUM	5921	119	73	200	81	14.5	1.4	34.7	3.0	40.3	3.4	30.2	3.3	1.1	14.8
MINIMUM	4498	90	64	158	58	3.2	0.0	12.9	2.0	34.5	1.3	14.5	1.3	1.0	14.3
CHECKS (TESTIGOS):															
15 AGROCERES 401	4994	-	75	185	90	6.4	3.9	7.6	2.0	32.3	1.9	24.2	1.5	1.1	14.5
17 CARGILL 111	4555	-	73	208	92	0.0	0.0	31.0	2.0	34.5	3.0	29.0	1.5	1.2	14.6
16 DINA 3030	4392	-	77	198	80	0.0	0.0	31.2	2.3	32.3	3.1	31.2	1.8	1.1	14.5
CHECK MEANS	4647	-	75	196	87	2.1	1.3	23.3	2.1	33.0	2.7	28.1	1.6	1.1	14.5
5% LSD	1124.1			14.8	11.9					4.3					0.0
C.V.	15.5			5.7	11.5					8.1					0.1

TABLE: 228-V-82

EVT 13: YEAR 1982 BRAZIL VEPAR DE BACABAL

CO-OPERATOR: JOAO LUIZ RIBEIRO DA SILVA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	EARS/ PLNT	MOIST %
13 ACROSS 7728 RE	4848	114	51	208	115	0.6	1.9	9.6	40.5	16.8	1.0	16.6
10 ACROSS 7928	4779	112	51	200	112	0.6	0.0	13.1	39.8	13.3	1.0	16.7
12 ACROSS 7936	4690	110	50	201	115	2.4	0.6	10.1	42.8	11.7	1.0	16.4
6 POZA RICA 8027	4475	105	51	210	106	1.2	1.8	7.6	42.0	19.1	1.0	16.5
9 PICHILINGUE 7928	4312	101	51	211	106	0.6	3.1	25.1	40.8	15.3	1.0	16.6
5 GUAYMAS 8027	4303	101	52	204	114	0.0	0.0	20.9	40.8	11.1	1.0	15.8
11 PIURA (1) 7936	4266	100	50	208	112	3.0	0.0	21.7	40.5	26.9	1.0	16.5
2 CHIRIQUI (1) 8024	4203	99	51	199	114	0.0	1.4	19.5	39.5	1.9	1.0	17.1
4 SATIPO (1) 7827	3998	94	54	205	104	0.0	3.5	17.2	37.0	24.8	0.9	16.0
7 TOCUMEN 8027	3990	94	51	191	107	0.0	0.0	26.2	41.0	18.2	1.0	16.1
8 SUWAN 8027	3985	94	51	206	105	1.2	2.0	13.6	40.0	15.6	1.0	15.6
1 POZA RICA 8024	3857	91	52	203	108	8.6	0.6	16.7	39.8	14.0	0.9	16.2
3 CHIRIQUI (2) 8024	3726	88	53	196	106	3.6	1.8	22.9	41.0	17.2	0.9	16.5
14 ACROSS 7627 RE	3370	79	52	208	104	0.0	5.5	12.2	31.5	28.7	1.0	15.4
MEANS	4200	99	51	203	109	1.6	1.6	16.9	39.8	16.7	1.0	16.3
MAXIMUM	4848	114	54	211	115	8.6	5.5	26.2	42.8	28.7	1.0	17.1
MINIMUM	3370	79	50	191	104	0.0	0.0	7.6	31.5	1.9	0.9	15.4
CHECKS (TESTIGOS):												
16 CENTRALMEX	4249	-	55	255	155	2.6	5.5	13.8	38.5	13.2	0.9	16.3
15 CENTRALMEX	4173	-	55	266	151	6.7	6.4	32.7	39.8	12.6	0.9	16.2
17 CENTRALMEX	4134	-	55	245	154	3.6	3.6	21.7	41.3	12.7	0.9	16.9
CHECK MEANS	4185	-	55	255	153	4.3	5.2	22.7	39.8	12.8	0.9	16.4
5% LSD	924.4		1.3	17.7	12.3				3.9			1.2
C.V	15.5		1.8	5.9	7.4				6.8			5.0

TABLE: 229-V-82

EVT 13: YEAR 1982 BRAZIL VIANA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
12 ACROSS 7936	3718	146	199	118	13.8	50.1	12.7	37.8	1.0	17.5
13 ACROSS 7728 RE	3655	143	201	118	9.8	53.5	11.2	35.8	0.9	20.4
7 TOCUMEN 8027	3650	143	197	113	11.3	53.0	15.8	36.5	1.0	19.0
9 PICHILINGUE 7928	3477	136	191	113	11.9	49.2	6.4	32.5	1.1	19.8
11 PIURA (1) 7936	3218	126	200	111	10.7	38.1	9.0	32.8	0.9	19.4
10 ACROSS 7928	3195	125	204	110	14.7	55.3	19.7	28.8	1.1	19.4
2 CHIRIQUI (1) 8024	3172	124	187	116	15.6	50.5	16.0	31.5	1.0	19.4
8 SUWAN 8027	3042	119	182	105	10.6	54.1	14.3	35.0	1.1	19.2
6 POZA RICA 8027	3026	119	194	111	11.6	54.8	12.9	32.3	1.1	19.0
1 POZA RICA 8024	2918	114	196	113	17.7	61.1	20.7	33.5	1.0	18.8
3 CHIRIQUI (2) 8024	2815	110	197	116	23.9	73.9	10.0	30.5	1.0	20.4
4 SATIPO (1) 7827	2754	108	207	118	11.7	66.4	16.6	33.3	1.0	20.2
5 GUAYMAS 8027	2607	102	189	108	12.3	60.9	18.5	32.8	1.0	18.4
14 ACROSS 7627 RE	2526	99	191	106	10.9	58.9	12.9	31.0	1.0	20.2
MEANS	3127	122	195	113	13.3	55.7	14.1	33.1	1.0	19.4
MAXIMUM	3718	146	207	118	23.9	73.9	20.7	37.8	1.1	20.4
MINIMUM	2526	99	182	105	9.8	38.1	6.4	28.8	0.9	17.5
CHECKS (TESTIGOS):										
17 CENTRALMEX	2554	-	208	129	14.2	58.8	17.4	27.5	1.1	18.6
15 CARGILL C 317	2225	-	198	113	19.0	54.3	23.7	27.8	1.2	17.9
16 AG 162	1983	-	208	129	29.6	46.7	11.5	19.5	1.2	21.0
CHECK MEANS	2254	-	204	123	20.9	53.3	17.5	24.9	1.1	19.2
5% LSD	970.6		17.1	13.9				7.5		
C.V.	23.0		6.1	8.5				16.6		

TABLE: 230-V-82

EVT 13: YEAR 1982 ECUADOR PICHILINGUE

CO-OPERATOR: INIAP

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	CURV	HELM MAYD	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT	MOIST %
9 PICHILINGUE 7928	7216	96	53	246	134	9.4	0.6	16.7	2.8	2.0	40.3	3.0	9.3	0.9	26.0
5 GUAYMAS 8027	6788	90	54	256	149	8.8	0.0	12.6	2.8	2.0	39.8	3.0	3.2	1.0	25.6
1 POZA RICA 8024	6674	89	53	246	140	15.0	3.0	20.6	3.0	2.3	40.3	3.0	6.7	1.0	26.0
12 ACROSS 7936	6588	88	53	233	129	8.3	0.0	13.0	3.0	2.3	38.8	3.0	6.4	1.0	23.8
10 ACROSS 7928	6417	86	53	258	143	9.1	2.0	20.4	3.0	2.3	38.8	3.0	5.2	0.9	26.0
13 ACROSS 7728 RE	6417	86	54	240	141	10.1	2.5	19.9	3.0	2.3	40.0	2.5	10.8	0.9	25.1
8 SUWAN 8027	6132	82	53	244	143	9.2	0.0	14.2	3.0	2.0	38.3	3.0	6.0	1.0	25.8
2 CHIRIGUI (1) 8024	5989	80	53	262	150	15.4	1.3	17.2	3.0	2.3	37.5	2.5	4.7	0.9	25.4
6 POZA RICA 8027	5875	78	53	263	153	11.2	0.6	15.4	3.0	2.0	40.3	3.0	5.7	0.9	25.0
3 CHIRIGUI (2) 8024	5847	78	53	245	133	11.4	1.4	20.7	2.8	2.3	38.8	3.3	10.3	0.9	25.2
11 PIURA (1) 7936	5619	75	52	257	141	17.4	0.6	28.1	2.8	2.8	39.3	3.0	18.5	0.9	24.3
7 TOCUMEN 8027	5619	75	53	261	143	12.4	0.7	12.0	3.0	2.3	39.0	3.3	7.7	0.9	25.2
4 SATIPO (1) 7827	5447	73	55	260	149	5.1	1.9	20.4	2.8	2.0	39.5	3.5	6.3	0.9	25.6
14 ACROSS 7627 RE	5390	72	53	248	136	10.5	2.0	17.7	3.0	2.0	38.0	3.5	8.5	0.9	25.7
MEANS	6144	82	53	251	142	10.9	1.2	17.8	2.9	2.2	39.2	3.0	7.8	0.9	25.3
MAXIMUM	7216	96	55	263	153	17.4	3.0	28.1	3.0	2.8	40.3	3.5	18.5	1.0	26.0
MINIMUM	5390	72	52	233	129	5.1	0.0	12.0	2.8	2.0	37.5	2.5	3.2	0.9	23.8
CHECKS (TESTIGOS):															
15 HIBRIDO F5 X F23	7501	-	54	257	144	7.9	1.8	16.4	2.8	2.0	40.8	2.3	4.4	1.0	25.6
16 HIBRIDO F4 X F23	6474	-	53	273	152	13.1	1.5	25.5	2.5	2.0	38.0	3.0	13.3	1.0	25.7
17 INIAP-526	6132	-	54	246	140	8.8	3.2	15.1	3.0	2.0	39.8	3.0	8.8	0.9	26.7
CHECK MEANS	6702	-	53	258	145	9.9	2.1	19.0	2.8	2.0	39.5	2.8	8.8	0.9	26.0
5% LSD	924.8		0.9	26.8	12.7						3.1				1.7
C.V	10.4		1.1	7.5	6.3						5.6				4.6

TABLE: 231-V-82

EVT 13: YEAR 1982 PARAGUAY CAPITAN MIRANDA

CO-OPERATOR: VERONICA MACHADO

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SPODO	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM	MOIST %
6 POZA RICA 8027	5703	173	81	201	115	18.5	0.0	8.9	1.8	43.5	2.8	17.8	3.3	85.3	15.4
9 PICHILINGUE 7928	5686	173	81	194	111	19.0	1.4	4.3	1.8	38.8	2.3	8.8	3.3	83.3	15.5
10 ACROSS 7928	5631	171	81	203	114	11.5	0.6	6.5	1.3	41.0	2.3	13.9	3.0	82.3	15.5
12 ACROSS 7936	5500	167	80	189	108	22.4	0.6	10.3	1.0	43.3	2.3	15.1	3.8	84.3	14.9
7 TOCUMEN 8027	5424	165	81	203	120	14.0	1.2	7.7	1.8	41.3	2.0	18.0	2.8	84.3	15.9
13 ACROSS 7728 RE	5403	164	85	211	123	9.3	1.2	9.3	1.3	43.0	2.8	15.7	3.3	82.5	15.6
11 PIURA (1) 7936	5302	161	81	185	101	29.1	0.6	5.3	1.5	41.0	3.0	18.4	3.5	83.8	15.3
1 POZA RICA 8024	5236	159	84	196	116	14.1	3.6	6.4	1.0	42.3	2.5	9.3	2.8	83.5	15.4
8 SUWAN 8027	5225	159	83	198	113	6.0	0.0	9.4	1.8	41.3	2.3	18.0	2.8	84.8	16.3
5 GUAYMAS 8027	5071	154	82	203	116	8.2	0.6	7.5	1.5	42.5	2.5	18.3	3.0	84.0	15.7
4 SATIPO (1) 7827	5010	152	84	201	118	6.4	1.7	8.2	1.8	41.5	2.8	13.4	3.0	83.3	15.5
3 CHIRIQUI (2) 8024	4994	152	81	193	108	19.4	0.6	5.5	1.5	42.5	2.8	13.0	3.0	86.3	15.7
2 CHIRIQUI (1) 8024	4929	150	83	194	118	26.8	2.9	1.9	1.5	41.5	2.5	4.8	3.5	83.5	15.6
14 ACROSS 7627 RE	4882	148	81	205	114	11.8	0.7	12.2	1.3	40.5	2.8	31.2	3.3	83.3	15.3
MEANS	5286	161	82	198	114	15.5	1.1	7.4	1.5	41.7	2.5	15.4	3.1	83.9	15.5
MAXIMUM	5703	173	85	211	123	29.1	3.6	12.2	1.8	43.5	3.0	31.2	3.8	86.3	16.3
MINIMUM	4882	148	80	185	101	6.0	0.0	1.9	1.0	38.8	2.0	4.8	2.8	82.3	14.9
CHECKS (TESTIGOS):															
16 COMP. RACIAL AMAR DI	3292	-	94	250	156	20.0	26.5	16.9	2.3	35.3	4.3	2.1	3.5	78.5	15.9
17 COMP. RACIAL AMARDII	3134	-	94	241	148	20.9	11.7	11.6	3.0	37.3	4.3	6.1	2.8	79.3	15.7
15 VENEZUELA-1	2684	-	98	263	171	18.8	24.2	12.5	1.3	29.0	4.0	5.9	3.0	62.0	17.5
CHECK MEANS	3037	-	95	251	158	19.9	20.8	13.7	2.2	33.8	4.2	4.7	3.1	73.3	16.4
5% LSD	515.2		2.2	17.2	14.2					3.7					
C. V.	7.4		1.9	5.8	8.2					6.5					

TABLE: 232-V-82

EVT 13: YEAR 1982 CUBA ALGUIZAR

CO-OPERATOR: CECILIO MARCOS TORRES

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLNTS GERM	EARS/ PLNT	MOIST %
13 ACROSS 7728 RE	6083	97	68	207	107	1.9	38.5	2.8	20.5	80.0	0.9	14.3
12 ACROSS 7936	5681	91	64	187	96	0.0	34.3	2.5	14.9	76.0	1.0	13.9
9 PICHILINGUE 7928	5615	90	67	196	103	0.0	35.5	2.8	18.5	76.5	1.0	14.4
11 PIURA (1) 7936	5369	86	63	186	100	0.0	38.8	3.3	14.8	80.5	0.9	14.0
10 ACROSS 7928	5177	83	67	191	92	0.0	37.5	3.0	17.1	78.0	0.9	14.1
1 POZA RICA 8024	5172	83	67	188	99	1.5	34.3	2.5	21.8	81.0	0.9	14.2
3 CHIRIQUI (2) 8024	5158	82	67	192	98	0.0	35.5	2.5	18.0	78.0	0.9	14.4
8 SUWAN 8027	5087	81	67	188	86	0.7	34.8	2.5	12.5	76.3	1.1	14.1
5 GUAYMAS 8027	4892	78	69	198	99	0.0	36.3	2.5	10.2	77.5	1.0	14.2
2 CHIRIQUI (1) 8024	4878	78	67	186	100	0.0	37.8	3.0	8.1	81.3	0.9	14.5
14 ACROSS 7627 RE	4833	77	67	198	103	0.0	34.8	3.0	17.4	77.0	0.9	14.2
6 POZA RICA 8027	4751	76	67	185	88	0.0	37.8	2.8	16.1	80.0	0.9	14.6
7 TOCUMEN 8027	4426	71	66	192	108	0.0	33.3	2.8	14.4	75.0	0.9	14.4
4 SATIPO (1) 7827	4206	67	69	184	102	0.0	30.5	3.0	19.9	73.5	1.0	14.4
MEANS	5095	81	67	191	99	0.3	35.7	2.8	16.0	77.9	0.9	14.3
MAXIMUM	6083	97	69	207	108	1.9	38.8	3.3	21.8	81.3	1.1	14.6
MINIMUM	4206	67	63	184	86	0.0	30.5	2.5	8.1	73.5	0.9	13.9
CHECKS (TESTIGOS):												
15 HDT-77	6264	-	69	231	135	0.0	36.8	1.3	4.1	82.3	1.0	15.5
16 HDT-90	5440	-	70	220	119	0.0	37.0	1.8	15.1	82.0	0.9	14.2
17 HDT-101	5261	-	69	234	133	0.0	36.3	1.8	19.3	78.0	0.9	14.2
CHECK MEANS	5655	-	69	228	129	0.0	36.7	1.6	12.8	80.8	0.9	14.6
5% LSD	1063.0		3.0	20.4	20.6		5.8					0.5
C. V.	14.4		3.2	7.3	13.9		11.4					2.5

TABLE: 233-V-82

EVT 13: YEAR 1982 CUBA TOMEGUIN

CO-OPERATOR: MINISTERIO DE LA AGRICULTURA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	STUNT %	PUCC POLY	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
13 ACROSS 7728 RE	4814	110	60	228	131	1.7	1.7	8.1	14.0	3.3	1.0	43.0	4.3	2.3	29.1
5 GUAYMAS 8027	4697	108	61	220	123	0.6	3.5	4.6	10.6	2.5	1.0	42.0	3.3	1.3	30.5
9 PICHILINGUE 7928	4607	105	60	217	121	0.0	9.2	2.1	14.0	2.8	1.0	42.3	3.8	2.3	31.6
12 ACROSS 7936	4526	104	60	214	122	1.7	6.3	5.9	19.3	2.3	1.0	44.0	4.0	2.0	30.4
10 ACROSS 7928	4478	103	60	225	112	0.0	8.0	6.6	17.6	2.3	1.0	44.0	3.8	1.8	33.5
8 SUWAN 8027	4314	99	60	224	130	1.8	7.5	4.4	14.5	3.8	1.0	43.0	4.0	2.8	29.8
1 POZA RICA 8024	4207	96	59	222	131	7.0	5.8	6.5	21.4	3.3	1.0	43.3	4.0	3.0	26.0
11 PIURA (1) 7936	4189	96	58	217	114	4.1	1.2	14.5	18.4	2.5	1.0	43.5	4.3	1.8	30.1
3 CHIRIQUI (2) 8024	4173	96	60	216	119	2.8	2.8	7.4	15.2	2.3	1.0	42.3	4.0	2.8	31.2
6 POZA RICA 8027	4148	95	59	227	123	0.0	1.2	6.0	17.8	2.5	1.0	42.0	3.5	2.3	30.9
14 ACROSS 7627 RE	4018	92	60	212	116	2.4	10.3	7.4	15.5	2.3	1.0	42.0	3.3	2.5	31.1
7 TOCUMEN 8027	3945	90	61	214	124	2.4	7.9	5.9	16.1	2.8	1.0	42.0	3.8	2.5	30.6
2 CHIRIQUI (1) 8024	3873	89	60	225	137	4.1	2.4	6.2	20.1	3.0	1.0	42.3	4.3	2.3	27.6
4 SATIPO (1) 7827	3629	83	62	239	126	2.4	8.9	4.6	24.0	3.0	1.0	39.5	4.0	2.0	30.8
MEANS	4258	97	60	221	124	2.2	5.5	6.4	17.0	2.7	1.0	42.5	3.9	2.2	30.2
MAXIMUM	4814	110	62	239	137	7.0	10.3	14.5	24.0	3.8	1.0	44.0	4.3	3.0	33.5
MINIMUM	3629	83	58	212	112	0.0	1.2	2.1	10.6	2.3	1.0	39.5	3.3	1.3	26.0
CHECKS (TESTIGOS):															
15 HDT 77	4369	-	64	265	178	2.3	25.1	1.6	19.4	1.8	1.0	42.8	3.0	4.3	34.0
16 HDT 90	4316	-	63	273	167	6.9	43.2	4.0	10.4	3.5	1.0	43.5	3.3	4.8	30.2
17 HDT 101	4299	-	66	241	151	8.3	58.8	0.0	16.7	2.5	1.0	38.5	3.0	4.8	32.7
CHECK MEANS	4328	-	64	259	165	5.8	42.4	1.9	15.5	2.6	1.0	41.6	3.1	4.6	32.3
5% LSD	960.2		2.4	24.7	23.2							3.4			
C.V.	15.8		2.8	7.6	12.5							5.6			

TABLE: 234-V-82

EVT 13: YEAR 1982 MEXICO XALISCO(NAY)

CO-OPERATOR: FOUR ROWS HARVESTED

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	LEAF DIS.	HUSK COVER	PLANTS HARV	PLANT ASPECT	EARS/ PLNT	MOIST %
9 PICHILINGUE 7928	7950	95	65	224	122	2.3	9.3	3.0	2.8	87.0	3.3	1.0	25.9
3 CHIRIGUI (2) 8024	7813	93	67	223	123	2.3	2.7	3.0	3.3	86.3	2.5	1.0	25.5
2 CHIRIGUI (1) 8024	7647	91	66	218	130	1.5	3.1	2.5	2.0	85.3	1.5	1.0	26.2
10 ACROSS 7928	7518	90	65	217	108	2.4	2.4	3.0	3.8	84.5	2.8	1.0	27.4
13 ACROSS 7728 RE	7253	86	66	223	124	2.6	5.1	2.8	3.3	84.8	3.0	1.0	28.0
11 PIURA (1) 7936	7215	86	62	204	106	1.8	5.8	3.0	3.5	82.8	3.3	1.0	26.0
12 ACROSS 7936	7169	85	63	210	120	1.5	2.1	3.0	3.0	85.5	3.0	1.0	24.3
1 POZA RICA 8024	6977	83	66	216	115	1.8	2.4	3.0	2.5	85.0	2.8	1.0	27.3
6 POZA RICA 8027	6955	83	65	220	116	2.0	1.2	3.0	2.5	85.3	3.0	1.0	24.4
5 GUAYMAS 8027	6854	82	65	222	119	1.8	3.7	3.5	2.5	85.8	3.0	1.0	26.1
7 TOCUMEN 8027	6822	81	65	215	117	2.1	3.7	2.8	3.0	82.3	3.3	1.1	27.3
8 SUWAN 8027	6792	81	66	211	112	2.8	3.6	2.8	3.0	82.8	3.0	1.0	27.2
14 ACROSS 7627 RE	6646	79	65	224	115	2.7	2.9	3.0	3.5	82.3	2.8	1.1	26.8
4 SATIPO (1) 7827	6215	74	66	230	113	2.8	5.0	3.8	3.0	83.3	3.3	1.0	28.3
MEANS	7130	85	65	218	117	2.2	3.8	3.0	3.0	84.5	2.9	1.0	26.5
MAXIMUM	7950	95	67	230	130	2.8	9.3	3.8	3.8	87.0	3.3	1.1	28.3
MINIMUM	6215	74	62	204	106	1.5	1.2	2.5	2.0	82.3	1.5	1.0	24.3
CHECKS (TESTIGOS):													
16 LOCAL CHECK 2	8395	-	66	220	113	2.2	3.2	2.3	3.0	78.8	2.3	1.1	29.6
17 LOCAL CHECK 3	7509	-	72	265	153	2.5	1.4	1.8	1.0	80.5	1.5	1.1	29.8
15 LOCAL CHECK 1	6941	-	72	264	151	2.5	1.4	2.0	1.0	81.3	1.8	1.1	29.1
CHECK MEANS	7615	-	70	249	139	2.4	2.0	2.0	1.7	80.2	1.8	1.1	29.5
5% LSD	1065.2		1.3	16.0	11.6					5.0			2.2
C.V.	10.4		1.3	5.0	6.8					4.2			5.7

TABLE: 235-V-82

EVT 13: YEAR 1982 PANAMA CHIRIQUI

CO-OPERATOR: C. ORTIZ F. GUERRA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	CURV	PUCC	HELM	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
9 PICHILINGUE 7928	4124	124	51	221	118	73.2	3.8	1.3	2.0	1.3	41.8	2.0	0.9	19.1
10 ACROSS 7928	3972	119	52	210	118	78.4	1.3	1.8	1.8	2.5	42.8	2.3	0.9	20.8
14 ACROSS 7627 RE	3541	106	51	213	105	77.3	3.7	1.5	1.5	1.8	41.0	2.3	0.8	19.5
12 ACROSS 7936	3511	105	51	208	100	71.2	4.5	1.8	1.8	1.8	39.3	2.3	0.9	16.3
7 TOCUMEN 8027	3413	102	53	189	95	80.4	2.4	1.5	1.5	2.0	41.0	2.3	0.9	20.1
6 POZA RICA 8027	3236	97	52	191	101	83.3	5.0	1.8	1.3	2.3	39.5	2.5	0.9	23.9
13 ACROSS 7728 RE	3225	97	54	191	103	78.6	4.6	1.8	1.8	1.3	41.0	2.5	0.9	26.0
4 SATIPO (1) 7827	3070	92	52	225	118	69.7	4.5	1.5	1.0	2.0	38.8	2.5	0.9	19.8
3 CHIRIQUI (2) 8024	2989	90	54	189	96	79.3	5.4	2.0	1.5	2.3	41.0	2.8	0.9	21.9
5 GUAYMAS 8027	2805	84	53	184	95	70.4	6.9	1.3	1.8	2.0	41.3	2.8	0.8	25.5
1 POZA RICA 8024	2772	83	53	174	94	81.9	6.9	1.5	1.5	1.5	40.5	2.5	0.8	20.4
8 SUWAN 8027	2755	83	53	180	98	73.1	5.5	1.0	1.3	1.3	40.5	2.8	0.8	20.8
11 PIURA (1) 7936	2490	75	51	164	86	74.1	6.5	1.3	1.5	1.5	40.0	3.3	0.9	22.1
2 CHIRIQUI (1) 8024	2408	72	55	171	91	75.6	7.4	1.5	1.3	1.8	40.0	2.8	0.7	21.4
MEANS	3165	95	52	194	101	76.2	4.9	1.5	1.5	1.8	40.6	2.5	0.9	21.2
MAXIMUM	4124	124	55	225	118	83.3	7.4	2.0	2.0	2.5	42.8	3.3	0.9	26.0
MINIMUM	2408	72	51	164	86	69.7	1.3	1.0	1.0	1.3	38.8	2.0	0.7	16.3
CHECKS (TESTIGOS):														
16 TOCUMEN 7428	3332	-	52	203	108	81.3	5.3	1.3	1.8	1.8	41.5	2.5	0.9	21.1
15 TOCUMEN 7527	2983	-	53	215	119	78.1	3.3	1.8	1.0	2.3	42.0	2.5	0.8	17.7
17 TOCUMEN 80A	2981	-	52	186	98	77.0	6.2	1.5	1.3	2.3	40.5	2.8	0.9	18.5
CHECK MEANS	3099	-	51	201	107	78.8	4.9	1.5	1.3	2.1	41.3	2.6	0.9	19.1
5% LSD	1190.6		2.7	29.8	16.8						3.8			3.5
C.V.	26.6		3.6	10.7	11.5						6.6			11.7

TABLE: 236-V-82

EVT 13: YEAR 1982 ANGOLA CHIANGO

CO-OPERATOR: FERNANDO MARCELINO

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM TURC	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
11 PIURA (1) 7936	6608	103	83	189	111	8.3	7.5	10.8	1.3	0.6	39.3	2.5	44.7	3.3	16.4
13 ACROSS 7728 RE	6471	101	86	214	128	6.9	5.5	10.9	1.3	1.3	39.5	2.8	37.6	3.0	16.4
1 POZA RICA 8024	6452	100	87	206	116	5.6	6.6	10.7	1.5	0.0	40.3	2.8	34.8	2.8	16.4
7 TOCUMEN 8027	6437	100	86	209	125	10.8	2.9	7.4	1.3	3.0	41.5	2.3	32.6	2.8	17.5
6 POZA RICA 8027	6375	99	84	208	123	15.0	5.5	6.7	1.0	2.5	40.3	2.5	28.5	3.3	16.3
12 ACROSS 7936	6208	97	81	200	124	16.8	3.4	11.7	2.0	2.0	37.5	2.8	30.6	3.5	14.2
9 PICHILINGUE 7928	6179	96	84	211	121	16.4	6.2	13.5	1.8	1.4	38.3	3.0	25.9	3.5	16.1
3 CHIRIGUI (2) 8024	6065	94	85	210	125	19.1	3.3	5.4	1.5	1.9	37.5	2.3	25.1	3.3	16.1
5 GUAYMAS 8027	6033	94	86	215	128	13.4	2.8	10.8	1.5	1.2	38.8	2.5	22.0	2.5	16.7
10 ACROSS 7928	6026	94	86	205	133	6.8	6.0	8.6	1.3	0.0	36.8	2.8	25.4	3.0	16.0
8 SUWAN 8027	5756	90	86	204	128	9.7	5.7	8.1	1.0	3.6	37.8	2.5	31.1	3.0	17.3
2 CHIRIGUI (1) 8024	5639	88	87	206	134	17.2	4.5	10.1	1.8	0.6	38.8	2.5	23.4	3.3	15.9
14 ACROSS 7627 RE	5554	86	85	211	111	6.7	0.7	10.4	1.5	1.2	37.8	2.8	38.4	3.0	17.6
4 SATIPO (1) 7827	5313	83	88	226	130	10.1	3.4	8.1	1.5	0.7	37.8	2.3	28.7	2.5	16.8
MEANS	6080	95	85	208	124	11.6	4.6	9.5	1.4	1.4	38.7	2.6	30.6	3.0	16.4
MAXIMUM	6608	103	88	226	134	19.1	7.5	13.5	2.0	3.6	41.5	3.0	44.7	3.5	17.6
MINIMUM	5313	83	81	189	111	5.6	0.7	5.4	1.0	0.0	36.8	2.3	22.0	2.5	14.2
CHECKS (TESTIGOS):															
16 H1CA2	6423	-	83	243	150	11.8	2.2	13.0	1.8	3.0	33.8	3.0	29.0	3.5	16.8
17 SAM3	6375	-	87	251	175	12.2	7.9	6.0	1.0	4.0	31.8	2.5	44.5	3.5	18.7
15 BRANCO REDONDO	5034	-	88	228	140	5.6	8.0	6.3	1.0	4.8	32.5	2.5	27.1	3.5	17.6
CHECK MEANS	5944	-	85	240	155	9.8	6.0	8.4	1.3	3.9	32.7	2.7	33.5	3.5	17.7
5% LSD	930.0		2.0	21.4	19.6						4.4				
C V.	10.8		1.6	7.0	10.7						8.2				

TABLE: 237-V-82

EVT 13: YEAR 1982 LIBERIA SUAKOKO

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	Hypochnus sasakii %	STEM LODG	ROOT LODG	%EAR ROT	Cercospora leaf spot 1-5 SCL	Water soaked lesion 1-5 SCL	HUSK COVER	PLANTS HARV	EAR ASPCT	MOIST %
13 ACROSS 7728 RE	3621	98	66	167	88	1.8	14.0	9.2	9.2	1.4	0.9	2.8	27.5	2.8	24.9
6 POZA RICA 8027	3565	97	63	177	89	1.0	5.8	8.5	6.9	1.5	0.8	1.5	32.3	2.0	20.9
10 ACROSS 7928	3551	96	63	176	83	6.4	6.1	5.8	6.4	1.1	0.8	1.8	29.8	2.5	19.9
4 SATIPO (1) 7827	3442	93	66	192	85	6.7	12.5	4.8	12.1	1.3	1.0	1.8	31.0	2.3	22.0
8 SUWAN 8027	3413	93	62	187	91	5.8	15.0	3.6	10.6	1.9	1.1	1.3	27.8	2.3	21.9
9 PICHILINGUE 7928	3393	92	62	173	73	3.6	5.6	7.9	6.9	1.3	0.8	1.5	25.3	2.5	22.8
1 POZA RICA 8024	3236	88	65	168	85	7.9	11.4	2.7	8.7	1.8	0.5	2.5	29.8	4.3	20.8
7 TOCUMEN 8027	3121	85	63	163	71	8.9	4.5	1.5	5.7	1.1	0.6	2.5	26.8	1.8	20.0
5 GUAYMAS 8027	3045	83	64	176	76	4.4	17.4	5.8	9.0	1.6	0.5	1.3	28.0	2.0	21.4
11 PIURA (1) 7936	2913	79	63	172	91	8.5	23.6	14.3	7.6	1.1	0.8	1.5	24.5	2.5	20.9
12 ACROSS 7936	2874	78	60	195	88	4.5	12.8	7.6	5.4	1.5	1.1	1.0	30.3	2.3	22.1
14 ACROSS 7627 RE	2862	78	62	186	74	5.1	5.7	1.0	4.8	1.4	0.8	3.3	23.5	2.0	20.9
2 CHIRIQUI (1) 8024	2679	73	65	170	83	7.9	21.6	10.9	3.4	1.4	0.6	2.5	26.3	2.8	21.9
3 CHIRIQUI (2) 8024	2644	72	68	147	70	7.2	19.9	9.3	8.8	1.6	1.0	2.0	25.0	3.5	21.1
MEANS	3169	86	64	175	82	5.7	12.6	6.6	7.5	1.4	0.8	1.9	27.7	2.5	21.5
MAXIMUM	3621	98	68	195	91	8.9	23.6	14.3	12.1	1.9	1.1	3.3	32.3	4.3	24.9
MINIMUM	2644	72	60	147	70	1.0	4.5	1.0	3.4	1.1	0.5	1.0	23.5	1.8	19.9
CHECKS (TESTIGOS):															
17 LOCAL CHECK 3	3689	-	69	207	100	0.0	4.1	3.4	6.4	1.8	1.6	1.3	30.0	3.5	24.8
16 LOCAL CHECK 2	3256	-	83	206	105	0.0	3.4	0.0	0.9	2.6	1.4	1.3	24.8	1.5	22.8
15 LOCAL CHECK 1	2410	-	69	222	123	0.0	9.6	14.0	13.2	2.8	2.8	2.8	21.0	4.0	21.2
CHECK MEANS	3118	-	73	211	109	0.0	5.7	5.8	6.8	2.4	1.9	1.8	25.3	3.0	22.9
5% LSD	965.3		3.6	27.8	23.4								7.6		
C.V.	21.5		3.9	10.8	19.0								19.7		

TABLE: 238-V-82

EVT 13: YEAR 1982 MOZAMBIQUE CHIPEMBE

CO-OPERATOR: YENS PEDERSEN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	HELM TURC	PLANTS HARV	EAR ASPCT	EAR BORER	EARS/ PLNT	MOIST %
9 PICHILINGUE 7928	4827	100	57	198	86	2.3	72.2	2.3	43.5	3.0	1.0	1.1	21.1
13 ACROSS 7728 RE	4803	99	59	195	92	5.3	46.4	2.5	42.5	2.0	1.3	1.1	23.3
7 TOCUMEN 8027	4745	98	57	205	95	3.4	35.4	2.3	43.8	3.8	1.3	1.0	23.2
4 SATIPO (1) 7827	4714	97	60	196	95	5.9	41.7	2.8	43.3	3.3	1.0	1.0	23.3
1 POZA RICA 8024	4702	97	58	199	97	2.3	60.5	2.0	42.8	3.3	1.0	1.0	22.7
5 GUAYMAS 8027	4505	93	60	189	99	1.7	60.1	2.0	43.8	3.3	1.3	1.1	22.9
14 ACROSS 7627 RE	4391	91	59	193	93	5.6	44.8	2.5	40.8	3.5	1.0	1.1	23.5
2 CHIRIQUI (1) 8024	4338	90	60	191	105	4.6	62.7	2.3	43.5	2.8	1.0	1.0	22.2
8 SUWAN 8027	4336	90	60	206	102	3.5	57.3	2.3	43.3	2.3	1.3	1.0	23.4
10 ACROSS 7928	4312	89	59	195	85	3.5	51.2	2.3	43.3	2.8	1.0	1.0	23.9
3 CHIRIQUI (2) 8024	4041	84	58	185	91	4.0	64.8	2.0	43.3	2.5	1.0	1.0	22.2
6 POZA RICA 8027	3973	82	57	188	92	2.8	52.0	2.0	45.0	2.5	1.0	0.9	22.8
12 ACROSS 7936	3927	81	56	208	97	3.5	63.8	2.0	43.3	2.0	1.0	1.0	19.7
11 PIURA (1) 7936	3811	79	58	185	85	5.2	41.4	2.3	43.5	1.8	1.3	0.8	21.2
MEANS	4387	91	58	195	94	3.8	53.9	2.2	43.2	2.8	1.1	1.0	22.5
MAXIMUM	4827	100	60	208	105	5.9	72.2	2.8	45.0	3.8	1.3	1.1	23.9
MINIMUM	3811	79	56	185	85	1.7	35.4	2.0	40.8	1.8	1.0	0.8	19.7
CHECKS (TESTIGOS):													
15 R-200	4838	-	58	223	101	5.3	61.7	1.8	42.0	4.0	1.0	0.9	20.1
16 VAR1 (MANICA)	4395	-	59	196	98	7.4	50.4	2.5	41.3	4.0	1.3	0.9	25.4
17 VAR2 (MUKULU)	4071	-	60	201	101	4.2	50.6	2.0	41.5	2.5	1.0	1.0	23.5
CHECK MEANS	4435	-	59	206	100	5.6	54.2	2.1	41.6	3.5	1.1	1.0	23.0
5% LSD	979.0		2.7	18.1	18.6				2.0				2.3
C.V.	15.7		3.2	6.5	13.8				3.3				7.1

TABLE: 239-V-82

EVT 13: YEAR 1982 MOZAMBIQUE LICHINGA

CO-OPERATOR: YENS PEDERSEN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM TURC	PLANTS HARV	EAR ASPCT	EAR BORER	EARS/ PLNT	MOIST %
6 POZA RICA 8027	5107	73	71	157	89	1.6	0.0	6.8	2.0	41.3	3.7	1.3	1.2	23.3
2 CHIRIQUI (1) 8024	4746	68	74	160	89	4.2	0.8	17.1	3.0	40.7	3.3	1.7	1.1	22.9
1 POZA RICA 8024	4626	66	73	162	89	0.8	0.0	18.9	2.3	38.7	3.7	1.3	1.2	23.3
12 ACROSS 7936	4368	62	70	145	78	3.2	1.5	10.9	2.0	42.0	3.7	2.0	1.0	20.8
13 ACROSS 7728 RE	4353	62	73	174	82	1.5	0.7	18.3	2.3	43.7	3.7	1.7	0.9	22.1
7 TOCUMEN 8027	4223	60	72	141	80	2.3	0.0	12.0	2.3	42.7	3.0	1.0	1.0	22.3
10 ACROSS 7928	4217	60	72	176	92	3.3	0.0	6.4	1.7	41.3	3.3	1.3	0.9	25.3
8 SUWAN 8027	4209	60	72	152	79	0.8	0.8	9.3	2.0	39.0	3.7	1.7	1.0	26.1
11 PIURA (1) 7936	4174	60	71	139	74	1.5	2.8	11.7	2.3	40.7	3.0	1.7	0.9	23.8
9 PICHILINGUE 7928	4167	60	73	166	82	0.9	0.9	14.7	2.3	38.3	3.7	1.3	1.0	25.5
3 CHIRIQUI (2) 8024	4158	59	73	164	85	0.8	0.0	16.0	2.0	37.7	3.3	1.3	1.1	25.0
14 ACROSS 7627 RE	3993	57	73	147	73	0.0	1.0	5.0	3.0	36.7	3.7	1.7	1.1	21.5
5 GUAYMAS 8027	3944	56	74	153	77	0.8	0.0	7.9	2.7	41.7	4.0	1.0	0.9	26.0
4 SATIPO (1) 7827	3888	56	75	173	78	0.8	0.0	11.0	2.0	37.7	4.0	1.3	1.0	28.2
MEANS	4298	61	73	158	82	1.6	0.6	11.9	2.3	40.1	3.5	1.5	1.0	24.0
MAXIMUM	5107	73	75	176	92	4.2	2.8	18.9	3.0	43.7	4.0	2.0	1.2	28.2
MINIMUM	3888	56	70	139	73	0.0	0.0	5.0	1.7	36.7	3.0	1.0	0.9	20.8
CHECKS (TESTIGOS):														
15 HIBRID SR 52	6993	-	73	205	104	0.8	0.0	14.0	1.0	33.3	1.0	1.7	1.0	31.0
16 MANICA	4261	-	75	171	83	2.8	0.8	7.4	2.3	37.3	2.3	1.7	1.0	31.7
17 MUKULU	3555	-	73	152	79	0.9	0.0	13.9	2.7	35.7	3.7	2.0	1.1	26.3
CHECK MEANS	4936	-	73	176	88	1.5	0.3	11.8	2.0	35.4	2.3	1.8	1.0	29.7
5% LSD	979.6		2.0	32.0	14.9					6.6				3.3
C.V.	13.4		1.6	12.0	10.8					10.0				7.9

TABLE: 240-V-82

EVT 13: YEAR 1982 REP. S. AFRICA POTCHEFSTROOM

CO-OPERATOR: DR. A. P. FOURIE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	SMUT %	SHELLING %	EARS/ PLNT	MOIST %
12 ACROSS 7936	1998	60	73	221	94	15.2	1.9	0.7	39.5	0.0	1.3	81.4	1.0	12.6
11 PIURA (1) 7936	1896	57	73	206	87	9.7	1.3	3.0	38.8	0.0	0.6	82.0	1.1	12.4
10 ACROSS 7928	1819	55	76	231	94	8.9	3.2	0.5	39.3	0.0	1.3	78.6	0.8	13.5
14 ACROSS 7627 RE	1658	50	75	211	87	4.6	1.3	0.6	38.3	0.0	1.3	79.6	1.0	13.8
8 SUWAN 8027	1548	47	76	219	95	5.2	3.3	0.0	38.8	0.0	0.6	81.4	0.9	13.1
3 CHIRIQUI (2) 8024	1495	45	76	220	89	13.7	5.2	3.0	38.5	0.0	2.0	78.9	0.9	13.7
9 PICHILINGUE 7928	1484	45	75	209	94	5.7	3.8	0.7	39.8	0.0	0.6	81.7	0.9	13.3
5 GUAYMAS 8027	1447	44	76	222	92	1.9	1.9	0.8	38.3	0.0	2.7	80.4	1.0	13.6
6 POZA RICA 8027	1375	42	76	216	90	8.9	5.1	0.0	39.5	0.0	0.0	81.3	1.0	14.7
1 POZA RICA 8024	1237	37	76	216	89	12.7	3.1	0.0	39.5	0.0	1.9	79.4	0.6	14.6
4 SATIPO (1) 7827	1151	35	77	208	92	4.1	3.4	0.0	37.5	0.0	0.0	81.0	0.8	13.3
13 ACROSS 7728 RE	1142	34	77	227	88	5.4	3.3	1.0	38.0	2.0	2.0	82.5	0.8	14.5
7 TOCUMEN 8027	1123	34	77	212	88	5.1	0.6	2.8	38.8	0.0	1.3	80.2	0.8	12.6
2 CHIRIQUI (1) 8024	868	26	79	193	89	5.4	3.9	3.1	38.0	0.0	3.3	77.9	0.6	13.3
MEANS	1446	44	76	215	90	7.6	2.9	1.2	38.7	0.1	1.4	80.4	0.9	13.5
MAXIMUM	1998	60	79	231	95	15.2	5.2	3.1	39.8	2.0	3.3	82.5	1.1	14.7
MINIMUM	868	26	73	193	87	1.9	0.6	0.0	37.5	0.0	0.0	77.9	0.6	12.4
CHECKS (TESTIGOS):														
16 PNR 432	3311	-	68	200	87	9.1	1.3	1.9	37.8	0.0	0.0	82.0	1.1	10.8
15 TX24	2941	-	69	205	90	3.8	0.6	0.6	39.3	0.0	0.0	79.1	1.1	14.6
17 SSM48	2932	-	68	192	92	21.4	0.0	0.5	38.8	0.0	0.6	80.0	1.2	11.8
CHECK MEANS	3062	-	68	198	89	11.5	0.6	1.0	38.6	0.0	0.2	80.4	1.1	12.4
5% LSD	435.6		1.1	27.5	10.7				1.6					
C.V.	17.7		1.1	9.1	8.4				2.8					

TABLE: 241-V-82

EVT 13: YEAR 1982 TOGO SOTOUBOUA

CO-OPERATOR: SCHWIEBERT, WILFRIED

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	%BAD H. C.	PLNTS GERM	EARS/ PLNT	MOIST %
10 ACROSS 7928	4569	116	53	252	109	39.8	8.1	276.5	1.0	12.2
9 PICHILINGUE 7928	4360	110	54	253	113	39.3	8.3	260.3	1.0	12.7
11 PIURA (1) 7936	4143	105	51	240	110	39.8	14.4	279.5	1.0	11.7
7 TOCUMEN 8027	4075	103	52	245	104	40.0	9.4	253.0	1.0	11.8
8 SUWAN 8027	4069	103	53	244	111	40.8	6.4	252.5	1.0	11.4
12 ACROSS 7936	4028	102	52	242	107	39.8	7.5	257.0	1.0	11.2
3 CHIRIQUI (2) 8024	3933	99	54	245	106	40.0	8.1	260.3	0.9	11.4
6 POZA RICA 8027	3906	99	53	244	103	39.5	12.5	249.0	1.0	11.8
5 GUAYMAS 8027	3871	98	55	252	105	40.0	1.3	248.8	1.0	10.7
1 POZA RICA 8024	3865	98	55	249	110	39.0	12.5	259.8	1.0	11.4
13 ACROSS 7728 RE	3648	92	55	222	79	39.3	13.1	252.8	1.0	11.6
14 ACROSS 7627 RE	3512	89	53	252	100	39.8	9.5	249.0	1.0	11.2
4 SATIPO (1) 7827	3127	79	56	253	104	39.3	14.7	254.3	0.9	13.0
2 CHIRIQUI (1) 8024	3118	79	56	206	95	39.8	7.6	237.5	0.9	11.4
MEANS	3873	98	54	243	104	39.7	9.5	256.4	1.0	11.7
MAXIMUM	4569	116	56	253	113	40.8	14.7	279.5	1.0	13.0
MINIMUM	3118	79	51	206	79	39.0	1.3	237.5	0.9	10.7
CHECKS (TESTIGOS):										
15 LA POSTA	3954	-	58	332	165	38.5	3.9	269.8	0.9	12.4
17 NHA	3325	-	50	322	172	37.8	0.0	238.8	0.9	12.3
16 TSIVIE	2517	-	56	324	152	38.5	0.7	215.5	1.0	12.5
CHECK MEANS	3266	-	54	325	163	38.3	1.5	241.3	0.9	12.4
5% LSD	795.0		2.3	37.4	34.4	1.6				1.8
C.V.	14.9		3.0	10.2	21.2	2.8				11.0

TABLE: 242-V-82

EVT 13: YEAR 1982 VIETNAM HO-CHI-MINH CITY

CO-OPERATOR: VO DINH LONG, PHAN THUONG TRINH

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	CORTICIUM SASAKII %	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
10 ACROSS 7928	5028	117	54	194	93	3.0	4.8	2.4	0.0	41.8	3.0	1.5	83.0	0.9	18.0
3 CHIRIQUI (2) 8024	4841	113	54	195	86	5.1	9.5	5.8	1.3	39.8	0.6	2.3	81.3	0.9	18.0
14 ACROSS 7627 RE	4818	113	54	193	85	3.4	2.1	2.1	0.7	37.0	5.0	1.0	75.5	1.0	18.0
9 PICHILINGUE 7928	4654	109	54	194	95	5.9	9.4	3.0	4.5	42.3	1.2	1.3	84.5	0.9	18.0
8 SUWAN 8027	4631	108	54	188	84	5.4	1.2	1.8	1.8	41.3	1.8	1.0	82.8	1.0	18.0
6 POZA RICA 8027	4607	108	54	198	93	2.7	0.0	0.7	0.7	37.0	0.7	1.3	71.0	1.0	18.0
1 POZA RICA 8024	4560	107	53	186	87	3.1	2.5	6.9	1.3	39.8	0.0	1.5	81.5	0.9	18.0
5 GUAYMAS 8027	4514	105	54	184	93	4.8	1.9	1.8	1.9	41.8	0.0	1.0	83.0	0.9	18.0
11 PIURA (1) 7936	4420	103	53	182	85	5.5	4.2	1.2	6.0	41.3	1.8	1.3	82.0	0.9	18.0
7 TOCUMEN 8027	4373	102	54	199	94	3.0	4.7	1.3	0.0	41.8	1.8	1.3	84.8	1.0	18.0
12 ACROSS 7936	4233	99	52	195	95	4.1	2.4	4.6	2.7	37.5	1.2	2.0	78.3	1.0	18.0
2 CHIRIQUI (1) 8024	4186	98	53	186	93	5.7	8.3	3.9	2.0	39.5	0.6	2.0	78.8	0.9	18.0
4 SATIPO (1) 7827	4116	96	55	195	94	4.0	4.0	3.4	1.4	37.3	2.6	1.0	77.5	1.0	18.0
13 ACROSS 7728 RE	4093	96	54	191	92	4.3	8.2	3.0	0.7	41.3	1.8	1.3	84.3	0.9	18.0
MEANS	4505	105	53	191	91	4.3	4.5	3.0	1.8	39.9	1.6	1.4	80.6	1.0	18.0
MAXIMUM	5028	117	55	199	95	5.9	9.5	6.9	6.0	42.3	5.0	2.3	84.8	1.0	18.0
MINIMUM	4093	96	52	182	84	2.7	0.0	0.7	0.0	37.0	0.0	1.0	71.0	0.9	18.0
CHECKS (TESTIGOS):															
17 WESTERN YELLOW	4280	-	57	223	128	3.1	0.0	0.0	0.0	32.8	0.0	1.0	66.0	1.0	18.0
16 NHA-MO COMPOSITE	3695	-	52	191	96	5.4	5.2	2.7	3.5	32.5	1.4	2.0	67.8	1.0	18.0
15 EARLI THAI COMP.	3344	-	53	204	100	5.3	2.9	6.3	2.7	28.3	6.1	2.0	59.3	0.9	18.0
CHECK MEANS	3773	-	53	205	108	4.6	2.7	3.0	2.0	31.2	2.5	1.7	64.3	1.0	18.0
5% LSD	613.7		0.9	13.7	11.6					4.2					
C.V.	9.9		1.2	5.0	8.7					7.7					

TABLE: 243-V-82

EVT 13: YEAR 1982 YEMEN A.R. TAIZ

CO-OPERATOR: DR. ALIE KAMBAL

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC SORG	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
6 POZA RICA 8027	2711	135	67	123	50	0.8	0.8	4.8	3.0	3.0	44.0	2.0	9.8	2.3	12.0
13 ACROSS 7728 RE	2644	132	67	148	82	1.5	2.5	3.7	3.0	2.0	40.0	2.7	5.0	2.0	12.0
14 ACROSS 7627 RE	2610	130	68	155	68	0.9	0.8	2.3	2.0	3.0	41.7	2.3	3.8	2.0	12.0
12 ACROSS 7936	2443	122	68	112	53	6.2	1.6	2.7	2.0	3.0	41.3	2.7	3.2	2.7	12.0
4 SATIPO (1) 7827	2409	120	72	143	65	1.0	0.0	2.8	2.0	3.0	40.3	2.3	1.8	2.7	12.0
1 POZA RICA 8024	2309	115	69	128	65	2.4	2.9	2.9	3.0	3.0	42.3	2.3	3.6	2.7	12.0
2 CHIRIQUI (1) 8024	2309	115	69	143	65	1.6	3.4	4.5	3.0	3.0	41.0	2.3	1.5	2.7	12.0
7 TOCUMEN 8027	2276	113	69	132	57	1.7	0.0	3.7	2.0	3.0	40.7	2.7	3.2	3.0	12.0
3 CHIRIQUI (2) 8024	2175	108	69	123	53	2.6	1.5	3.5	2.0	3.0	40.7	2.0	3.2	2.7	12.0
10 ACROSS 7928	2142	107	68	110	53	0.8	3.7	2.7	3.0	2.0	41.7	3.3	2.5	3.7	12.0
11 PIURA (1) 7936	2142	107	67	123	60	0.0	2.3	4.4	2.0	2.0	43.7	3.0	6.5	3.3	12.0
5 GUAYMAS 8027	1707	85	67	137	67	1.7	1.7	5.4	3.0	3.0	41.3	2.3	0.8	3.0	12.0
8 SUWAN 8027	1606	80	72	107	42	0.0	1.7	6.8	2.0	2.0	41.3	3.0	0.7	3.3	12.0
9 PICHILINGUE 7928	1506	75	68	107	40	1.7	0.7	2.8	4.0	3.0	42.0	3.3	1.6	3.3	12.0
MEANS	2213	110	69	128	59	1.6	1.7	3.8	2.6	2.7	41.6	2.6	3.4	2.8	12.0
MAXIMUM	2711	135	72	155	82	6.2	3.7	6.8	4.0	3.0	44.0	3.3	9.8	3.7	12.0
MINIMUM	1506	75	67	107	40	0.0	0.0	2.3	2.0	2.0	40.0	2.0	0.7	2.0	12.0
CHECKS (TESTIGOS):															
17 TIHAMA 1	2008	-	72	115	55	6.6	2.5	7.4	2.0	3.0	38.3	3.3	2.5	3.3	12.0
16 KHUMALTAR	1874	-	68	95	35	0.9	2.4	1.6	4.0	2.0	42.7	2.0	1.6	3.0	12.0
15 SETE LAGOAS 7728	1807	-	72	117	42	1.7	3.5	3.7	4.0	2.0	40.7	2.7	0.9	3.7	12.0
CHECK MEANS	1896	-	70	108	43	3.1	2.8	4.2	3.3	2.3	40.6	2.7	1.6	3.3	12.0
5% LSD	691.6		1.9	38.4	20.9						5.6				
C.V.	19.3		1.6	18.5	22.4						8.1				

TABLE: 244-V-82 TRIAL: EVT 13:

YEAR: 1982 MEANS ACROSS 48 LOCATIONS

ENTRY NO. AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
9 PICHILINGUE 7928	4749	Amarillo Dentado	101	60	208
13 ACROSS 7728 RE	4708	Amarillo Dentado	100	62	211
12 ACROSS 7936	4660	Cogollero	99	59	204
10 ACROSS 7928	4655	Amarillo Dentado	99	61	208
5 GUAYMAS 8027	4454	Amarillo Cristalino 1	95	61	206
6 POZA RICA 8027	4450	Amarillo Cristalino 1	95	60	207
8 SUWAN 8027	4432	Amarillo Cristalino 1	94	61	205
1 POZA RICA 8024	4430	Antigua-Veracruz 181	94	61	203
7 TOCUMEN 8027	4386	Amarillo Cristalino 1	93	60	204
11 PIURA (1) 7936	4345	Cogollero	92	59	197
3 CHIRIQUI (2) 8024	4322	Antigua-Veracruz 181	92	61	200
2 CHIRIQUI (1) 8024	4316	Antigua-Veracruz 181	92	61	201
14 ACROSS 7627 RE	4072	Amarillo Cristalino 1	86	60	208
4 SATIPO (1) 7827	3939	Amarillo Cristalino 1	84	63	213

TABLE: 245-V-82

EVT 14A: YEAR 1982 ARGENTINA YATASTO

CO-OPERATOR: CARGILL S. A.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	STEM LODG	ROOT LODG	PLANTS HARV	EARS/ PLNT	MOIST %
11 POZA RICA 8035	3593	132	11.2	70.5	35.8	1.0	22.1
12 SUWAN 8035	3567	131	14.6	74.7	34.3	1.0	22.5
4 ACROSS 7926	3548	131	11.5	68.3	34.8	1.1	23.2
10 ISLAMABAD 8035	3256	120	21.5	89.9	35.0	1.0	21.4
2 ISLAMABAD (1) 7926	3032	112	17.5	51.9	35.5	1.0	23.5
6 PICHILINGUE 7931	2935	108	18.4	79.5	35.0	1.0	20.7
9 ACROSS 7931	2935	108	11.9	58.5	35.3	1.0	20.8
5 SETE LAGOAS 7931	2885	106	8.6	55.7	34.3	1.0	20.7
7 SATIPO (1) 7931	2878	106	14.7	71.2	35.8	0.9	22.1
14 ACROSS 7635 RE	2848	105	11.1	80.6	36.0	0.9	21.9
3 SAAVEDRA 7926	2761	102	11.1	49.3	36.0	0.9	23.6
1 PIURA (1) 7926	2653	98	18.2	76.9	35.5	0.8	22.5
8 SATIPO (2) 7931	2589	95	11.3	68.4	35.5	0.8	22.8
13 ACROSS 7726 RE	2507	92	11.4	76.8	35.0	0.9	23.2
MEANS	2999	111	13.8	69.4	35.3	0.9	22.2
MAXIMUM	3593	132	21.5	89.9	36.0	1.1	23.6
MINIMUM	2507	92	8.6	49.3	34.3	0.8	20.7
CHECKS (TESTIGOS):							
15 TROPICO 226	2713	-	11.4	57.9	35.0	0.9	28.7
17 LEALES 25	2579	-	11.3	68.1	35.5	0.8	25.3
16 TROPICO 228	2350	-	11.4	70.5	35.3	0.9	28.5
CHECK MEANS	2547	-	11.4	65.5	35.3	0.9	27.5
5% LSD	1002.7				1.4		1.8
C. V.	24.2				2.8		5.5

TABLE: 246-V-82

EVT 14A: YEAR 1982 BOLIVIA IBOPERENDA

CO-OPERATOR: ALBERTO HINOJOSA PADILLA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
2 ISLAMABAD (1) 7926	7552	94	59	243	130	0.6	0.0	6.7	42.0	1.5	1.2	22.4
13 ACROSS 7726 RE	7295	90	60	238	135	4.4	0.0	4.8	40.5	1.8	1.1	22.4
5 SETE LAGOAS 7931	7023	87	56	225	124	1.9	0.0	4.8	40.3	1.3	1.1	20.1
3 SAAVEDRA 7926	7012	87	60	226	121	4.2	0.0	7.3	41.0	1.8	1.1	22.5
4 ACROSS 7926	6938	86	60	238	133	1.9	0.6	4.6	36.8	1.5	1.2	23.0
11 POZA RICA 8035	6918	86	57	221	118	3.7	0.0	2.0	40.5	2.0	1.2	19.7
9 ACROSS 7931	6904	86	55	216	116	1.2	0.0	4.8	41.8	1.5	1.1	21.4
7 SATIPO (1) 7931	6803	84	58	220	119	0.6	0.0	4.1	39.8	1.5	1.1	20.8
14 ACROSS 7635 RE	6468	80	58	228	119	2.6	0.0	2.2	40.0	2.0	1.1	20.5
12 SUWAN 8035	6443	80	59	225	123	1.2	1.3	3.8	38.5	2.3	1.1	21.0
8 SATIPO (2) 7931	6339	79	55	200	100	1.8	0.0	4.2	42.3	1.5	1.1	18.9
6 PICHILINGUE 7931	6238	77	54	208	113	5.2	0.0	1.7	42.5	1.5	1.0	18.8
10 ISLAMABAD 8035	6230	77	56	213	110	2.7	0.0	1.6	38.5	2.0	1.2	19.0
1 PIURA (1) 7926	5994	74	59	228	123	0.7	0.0	7.1	39.0	1.8	1.1	21.2
MEANS	6725	83	57	223	120	2.3	0.1	4.3	40.2	1.7	1.1	20.8
MAXIMUM	7552	94	60	243	135	5.2	1.3	7.3	42.5	2.3	1.2	23.0
MINIMUM	5994	74	54	200	100	0.6	0.0	1.6	36.8	1.3	1.0	18.8
CHECKS (TESTIGOS):												
17 AM. SUBTROPICAL	8069	-	63	270	150	0.6	2.5	1.1	38.8	1.8	1.3	23.8
16 AMARILLO CRISTALINO	6399	-	61	278	165	3.1	0.0	2.2	34.5	1.3	1.3	23.0
15 AUT X RD.	5928	-	58	240	140	2.8	3.7	2.4	34.8	2.0	1.1	21.0
CHECK MEANS	6799	-	60	262	151	2.2	2.1	1.9	36.0	1.7	1.2	22.6
5% LSD	1329.6		2.8	18.8	18.8				4.6			2.0
C.V.	13.9		3.5	5.8	10.5				8.2			6.8

TABLE: 247-V-82

EVT 14A: YEAR 1982 BRAZIL BARREIRAS

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	PLNTS GERM	EARS/ PLNT	MOIST %
4 ACROSS 7926	6318	99	54	194	96	2.6	2.5	19.3	40.0	38.8	44.0	1.0	13.9
11 POZA RICA 8035	6255	98	51	183	83	5.8	1.3	4.0	39.5	30.8	42.3	1.0	13.8
2 ISLAMABAD (1) 7926	6025	94	52	194	91	0.6	1.3	19.2	40.0	36.3	42.5	1.0	13.6
10 ISLAMABAD 8035	5968	93	50	178	85	4.7	1.3	10.0	39.3	39.2	42.3	1.0	13.4
3 SAAVEDRA 7926	5889	92	52	202	97	2.4	1.8	21.6	40.5	40.5	42.0	1.0	14.0
12 SUWAN 8035	5796	91	50	181	81	3.8	0.6	22.4	35.5	21.5	41.8	1.0	15.2
1 PIURA (1) 7926	5645	88	55	190	92	3.1	2.6	19.9	40.3	33.6	42.8	1.0	14.0
6 PICHILINGUE 7931	5590	87	47	174	86	3.7	0.6	33.3	40.8	26.6	42.8	1.0	14.6
9 ACROSS 7931	5479	86	48	174	77	4.8	1.2	32.8	40.5	35.2	42.8	1.0	14.7
5 SETE LAGOAS 7931	5337	84	48	175	79	2.6	0.7	31.3	40.3	22.6	43.0	1.0	14.8
8 SATIPO (2) 7931	5154	81	48	161	69	8.6	1.8	25.9	41.3	29.3	42.5	1.0	14.3
7 SATIPO (1) 7931	4915	77	48	170	73	2.4	0.6	33.8	41.8	16.1	43.3	1.0	14.5
13 ACROSS 7726 RE	4836	76	59	194	92	2.1	0.0	14.0	36.3	42.7	39.3	0.9	13.7
14 ACROSS 7635 RE	4030	63	54	172	76	2.2	3.3	10.3	25.8	53.7	27.5	1.0	13.4
MEANS	5517	86	51	182	84	3.5	1.4	21.3	38.7	33.3	41.3	1.0	14.1
MAXIMUM	6318	99	59	202	97	8.6	3.3	33.8	41.8	53.7	44.0	1.0	15.2
MINIMUM	4030	63	47	161	69	0.6	0.0	4.0	25.8	16.1	27.5	0.9	13.4
CHECKS (TESTIGOS):													
16 DENTADO COMP. NE	6389	-	62	265	148	6.3	3.2	13.4	39.0	48.7	43.3	1.0	13.2
15 CENTRALMEX J-X	6302	-	62	267	157	13.1	6.6	17.8	37.5	46.0	43.5	1.0	13.5
17 PIRANAO VD-2	3993	-	64	206	108	4.6	1.3	32.3	39.0	36.5	41.8	0.9	13.0
CHECK MEANS	5561	-	62	245	137	8.0	3.7	21.2	38.5	43.7	42.8	0.9	13.2
5% LSD	725.6		2.4	15.1	11.5				4.2				0.9
C.V.	9.2		3.1	5.5	8.6				7.6				4.3

TABLE: 248-V-82

EVT 14A: YEAR 1982 BRAZIL CAPINOPOLIS

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	PLANT ASPECT	EARS/ PLNT	MOIST %
4 ACROSS 7926	6204	116	53	207	114	2.1	0.0	1.0	48.8	2.8	1.0	19.3
10 ISLAMABAD 8035	6094	114	52	199	108	4.0	0.0	1.6	49.8	3.0	0.9	18.9
12 SUWAN 8035	6005	113	54	216	111	5.3	1.1	2.7	47.3	3.0	1.0	19.3
1 PIURA (1) 7926	5726	107	53	213	110	3.8	0.0	3.3	47.3	2.8	1.0	19.4
3 SAAVEDRA 7926	5542	104	54	210	113	4.5	0.0	1.0	50.3	2.8	0.9	20.2
11 POZA RICA 8035	5528	104	53	192	94	4.6	0.0	0.5	47.8	3.0	1.0	20.4
9 ACROSS 7931	5520	104	49	187	93	10.5	0.0	1.5	48.0	2.8	1.0	18.1
2 ISLAMABAD (1) 7926	5448	102	54	210	107	3.1	0.0	3.5	48.8	2.8	0.9	20.3
13 ACROSS 7726 RE	5305	99	55	219	112	7.0	0.0	3.8	46.0	3.0	1.0	20.9
6 PICHILINGUE 7931	5022	94	49	194	96	12.1	0.0	3.3	46.5	2.3	1.0	17.7
5 SETE LAGOAS 7931	5022	94	49	201	95	5.9	0.0	3.3	47.0	2.8	1.0	17.8
7 SATIPO (1) 7931	5020	94	49	191	96	4.5	0.5	4.0	49.8	2.5	0.9	18.1
14 ACROSS 7635 RE	4977	93	54	192	102	6.1	0.6	0.7	41.8	3.0	1.0	19.3
8 SATIPO (2) 7931	4636	87	49	180	84	7.2	0.0	2.5	48.3	3.0	0.8	18.2
MEANS	5432	102	52	201	102	5.8	0.2	2.3	47.6	2.8	1.0	19.1
MAXIMUM	6204	116	55	219	114	12.1	1.1	4.0	50.3	3.0	1.0	20.9
MINIMUM	4636	87	49	180	84	2.1	0.0	0.5	41.8	2.3	0.8	17.7
CHECKS (TESTIGOS):												
17 COMPOSTO PT	5332	-	57	228	152	16.1	0.0	4.7	47.8	3.0	0.9	19.9
16 SYN-D	4837	-	57	224	133	10.7	2.8	8.8	45.8	3.0	0.9	20.1
15 AG-401	4521	-	57	233	128	11.5	0.0	4.0	45.0	2.5	1.0	19.9
CHECK MEANS	4897	-	57	228	137	12.8	0.9	5.8	46.2	2.8	0.9	19.9
5% LSD	765.6		1.2	10.8	5.5				3.4			1.6
C.V.	10.1		1.6	3.7	3.6				5.1			5.9

TABLE: 249-V-82

EVT 14A: YEAR 1982 BRAZIL LONDRINA

CO-OPERATOR: IAPAR

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
2 ISLAMABAD (1) 7926	5043	99	71	178	76	21.3	35.0	36.8	43.5	4.0	22.5	3.5	87.0	1.0	15.4
11 POZA RICA 8035	5040	99	70	169	61	24.8	23.6	22.1	43.5	4.0	19.5	4.0	87.5	1.1	15.5
1 PIURA (1) 7926	5016	99	71	181	76	18.9	48.8	35.0	43.5	3.0	21.3	3.8	87.8	1.0	16.2
8 SATIPO (2) 7931	4999	99	67	166	63	19.9	25.8	39.9	42.8	3.8	22.3	3.8	88.0	1.0	15.7
9 ACROSS 7931	4994	98	67	169	59	19.9	24.4	32.9	43.0	4.0	29.7	4.3	87.5	1.0	15.5
14 ACROSS 7635 RE	4974	98	71	170	73	26.1	39.3	30.6	42.5	3.8	23.9	4.8	85.3	1.0	16.1
10 ISLAMABAD 8035	4946	98	68	171	74	23.2	22.6	20.1	43.3	4.0	14.5	5.0	88.0	1.0	15.4
4 ACROSS 7926	4943	97	71	181	76	17.5	38.0	47.3	43.3	3.3	22.0	3.3	87.8	1.1	16.3
13 ACROSS 7726 RE	4913	97	73	204	88	24.6	32.4	30.9	42.0	3.3	19.0	3.0	86.8	1.0	16.4
5 SETE LAGOAS 7931	4879	96	67	170	69	24.6	17.0	30.7	42.5	4.0	22.5	4.3	87.5	1.0	15.3
6 PICHILINGUE 7931	4851	96	67	165	59	17.5	24.5	25.8	43.0	4.3	21.0	3.3	87.8	1.0	15.8
3 SAAVEDRA 7926	4839	95	70	181	74	18.6	27.6	31.1	43.3	4.0	23.7	2.8	87.5	1.0	16.8
7 SATIPO (1) 7931	4812	95	67	168	63	24.5	29.2	36.8	43.3	4.3	16.7	4.5	88.0	1.0	15.7
12 SUWAN 8035	4724	93	71	169	74	18.3	51.1	23.9	42.5	3.8	18.9	5.0	87.8	1.0	15.6
MEANS	4927	97	69	174	70	21.4	31.4	31.7	43.0	3.8	21.3	3.9	87.4	1.0	15.8
MAXIMUM	5043	99	73	204	88	26.1	51.1	47.3	43.5	4.3	29.7	5.0	88.0	1.1	16.8
MINIMUM	4724	93	67	165	59	17.5	17.0	20.1	42.0	3.0	14.5	2.8	85.3	1.0	15.3
CHECKS (TESTIGOS):															
16 AG-401	5071	-	78	211	123	17.0	41.8	9.9	42.5	2.8	9.4	3.0	86.8	1.1	19.1
15 CMS-12	5025	-	75	209	98	10.9	30.6	21.8	42.0	3.5	13.0	2.8	88.0	1.0	17.6
17 P-6836	4908	-	77	211	85	5.2	62.0	31.8	43.5	3.5	21.9	3.3	88.0	1.0	18.8
CHECK MEANS	5001	-	76	210	101	11.0	44.8	21.1	42.7	3.3	14.8	3.0	87.6	1.0	18.5
5% LSD	997.3		2.0	16.0	16.5				2.0						0.9
C.V.	14.2		2.0	6.2	15.3				3.3						3.8

TABLE: 250-V-82

EVT 14A: YEAR 1982 BRAZIL PATOS DE MINAS

CO-OPERATOR: EPAMIG

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	PLNTS GERM	EARS/ PLNT	MOIST %
13 ACROSS 7726 RE	6770	100	64	191	96	7.6	8.4	13.4	42.5	23.0	43.8	1.0	13.7
12 SUWAN 8035	6695	98	60	179	83	3.0	3.7	12.0	42.3	24.8	44.0	1.1	13.8
5 SETE LAGOAS 7931	6493	96	56	172	76	2.3	1.7	18.9	43.3	25.5	44.0	1.1	13.8
11 POZA RICA 8035	6319	93	61	175	79	3.5	2.9	13.9	42.8	19.9	43.8	1.1	13.8
14 ACROSS 7635 RE	6229	92	60	172	78	6.6	3.0	15.0	42.5	27.0	43.5	1.0	13.7
9 ACROSS 7931	6228	92	56	166	70	2.4	0.6	15.2	42.3	27.9	44.0	1.1	13.7
7 SATIPO (1) 7931	6117	90	55	167	77	3.6	4.2	16.9	42.0	29.2	44.0	1.0	13.8
10 ISLAMABAD 8035	6050	89	59	166	78	6.4	3.5	11.7	42.8	24.6	44.0	1.0	13.8
4 ACROSS 7926	5986	88	62	184	95	1.7	0.6	15.8	43.0	25.6	43.8	1.1	13.8
3 SAAVEDRA 7926	5982	88	62	192	93	4.7	2.9	16.5	42.8	29.8	44.0	1.1	13.8
6 PICHILINGUE 7931	5782	85	55	162	69	0.6	1.8	15.4	42.8	28.2	43.8	1.0	13.8
8 SATIPO (2) 7931	5715	84	56	156	64	6.4	4.1	15.1	43.5	23.5	44.0	1.0	13.8
2 ISLAMABAD (1) 7926	5644	83	62	188	84	3.0	1.8	22.6	41.8	31.9	44.0	1.1	13.8
1 PIURA (1) 7926	5542	82	62	177	89	4.1	5.2	20.9	43.0	25.5	44.0	1.0	13.8
MEANS	6111	90	59	175	81	4.0	3.2	16.0	42.6	26.2	43.9	1.0	13.8
MAXIMUM	6770	100	64	192	96	7.6	8.4	22.6	43.5	31.9	44.0	1.1	13.8
MINIMUM	5542	82	55	156	64	0.6	0.6	11.7	41.8	19.9	43.5	1.0	13.7
CHECKS (TESTIGOS):													
16 AG 401	6799	-	65	197	121	9.5	0.6	9.7	41.8	12.7	43.5	1.3	13.7
17 AG 301	6494	-	65	200	118	3.5	0.0	19.7	42.3	8.3	44.0	1.3	13.8
15 CARGILL 111	6296	-	65	204	123	9.6	1.8	6.5	42.5	14.0	44.0	1.1	13.7
CHECK MEANS	6530	-	65	200	120	7.5	0.8	12.0	42.2	11.7	43.8	1.2	13.7
5% LSD	778.4		1.7	11.7	9.2				1.7				0.3
C.V.	8.9		1.9	4.6	7.4				2.9				1.4

TABLE: 251-V-82

EVT 14A: YEAR 1982 BRAZIL VEPAR DE BACABAL

CO-OPERATOR: JOAO LUIZ RIBEIRO DA SILVA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	EARS/ PLNT	MOIST %
4 ACROSS 7926	4613	123	47	184	92	0.0	0.7	30.3	37.8	25.6	1.1	16.1
11 POZA RICA 8035	4094	110	48	174	88	1.8	6.3	16.9	40.5	16.1	1.0	15.5
3 SAAVEDRA 7926	4029	108	48	192	91	1.9	0.0	21.5	36.8	32.5	1.0	16.5
2 ISLAMABAD (1) 7926	3984	107	47	186	91	1.3	2.6	39.5	34.8	32.8	1.1	16.5
1 PIURA (1) 7926	3823	102	49	181	94	2.0	3.2	20.5	35.0	23.5	1.1	16.3
7 SATIPO (1) 7931	3753	100	43	177	90	0.6	1.3	31.2	40.8	30.3	1.0	15.4
9 ACROSS 7931	3669	98	44	175	76	2.4	2.6	31.8	30.8	35.8	1.1	15.4
6 PICHILINGUE 7931	3663	98	43	187	93	6.2	3.7	33.4	38.3	33.0	1.0	15.6
13 ACROSS 7726 RE	3616	97	49	194	94	0.0	2.0	27.5	29.0	38.0	1.0	16.5
5 SETE LAGOAS 7931	3498	94	45	180	84	1.3	0.8	17.7	32.0	32.3	1.0	15.3
8 SATIPO (2) 7931	3490	93	43	167	75	0.6	1.9	28.5	38.5	25.6	1.0	15.6
12 SUWAN 8035	3441	92	48	194	89	1.9	5.7	27.0	34.8	40.1	1.0	15.5
10 ISLAMABAD 8035	3430	92	47	166	81	6.0	12.0	16.1	37.0	35.9	1.0	15.6
14 ACROSS 7635 RE	2300	62	48	173	73	6.7	12.8	32.9	16.5	47.5	1.3	15.2
MEANS	3672	98	46	181	86	2.3	4.0	26.8	34.4	32.1	1.1	15.8
MAXIMUM	4613	123	49	194	94	6.7	12.8	39.5	40.8	47.5	1.3	16.5
MINIMUM	2300	62	43	166	73	0.0	0.0	16.1	16.5	16.1	1.0	15.2
CHECKS (TESTIGOS):												
15 CENTRALMEX	3736	-	55	269	157	5.0	11.3	26.2	39.8	11.5	0.8	17.1
17 CENTRALMEX	3626	-	55	262	159	6.8	5.5	25.9	36.8	16.3	0.9	16.9
16 CENTRALMEX	3304	-	55	269	164	3.5	8.5	15.9	38.0	8.6	0.8	16.4
CHECK MEANS	3555	-	55	266	159	5.1	8.4	22.7	38.2	12.1	0.9	16.8
5% LSD	821.0		1.4	17.4	14.4				6.0			1.0
C. V.	15.8		2.1	6.3	10.2				12.0			4.4

TABLE: 252-V-82

EVT 14A: YEAR 1982 ECUADOR PICHILINGUE

CO-OPERATOR: INIAP

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	CURV	PUCC POLY	HELM MAYD	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT	MOIST %
3 SAAVEDRA 7926	4375	77	49	229	121	12.9	26.4	3.0	1.3	2.0	38.8	3.0	17.8	0.9	23.0
4 ACROSS 7926	4369	77	48	236	127	5.9	31.0	3.0	1.5	2.0	34.3	2.8	18.9	1.0	23.5
1 PIURA (1) 7926	4051	71	48	238	119	4.9	27.3	2.8	1.5	2.0	32.0	3.0	13.6	1.0	24.3
11 POZA RICA 8035	3952	70	47	224	105	13.6	18.7	3.3	1.5	2.0	35.8	3.5	15.7	1.0	22.5
2 ISLAMABAD (1) 7926	3881	68	47	229	119	6.5	35.5	2.8	1.5	2.3	34.5	3.0	18.0	1.0	23.1
7 SATIPO (1) 7931	3834	68	46	222	105	17.0	25.4	3.0	1.5	3.0	35.8	3.3	10.5	0.9	23.6
13 ACROSS 7726 RE	3724	66	51	238	122	10.5	27.0	2.8	2.0	2.0	29.8	3.0	18.5	1.0	25.2
12 SUWAN 8035	3640	64	48	228	119	14.0	22.2	3.0	1.5	2.3	33.5	3.0	10.5	1.0	22.7
10 ISLAMABAD 8035	3596	63	47	210	104	10.8	18.8	3.0	1.0	2.0	31.5	3.0	34.6	1.0	22.0
6 PICHILINGUE 7931	3590	63	46	226	106	17.4	17.7	3.0	1.8	2.8	30.8	3.0	8.7	1.0	21.3
5 SETE LAGOAS 7931	3499	62	46	240	113	15.9	35.1	3.0	1.5	2.3	34.0	3.3	11.4	1.0	21.4
9 ACROSS 7931	3230	57	46	214	99	17.0	27.7	3.3	1.8	2.5	31.8	3.5	16.8	0.9	21.3
8 SATIPO (2) 7931	3167	56	46	211	101	28.8	44.1	3.0	1.8	2.5	34.0	4.0	9.3	0.9	21.2
14 ACROSS 7635 RE	2644	47	48	218	104	8.0	25.1	3.0	1.5	2.5	21.0	4.0	33.0	1.1	22.1
MEANS	3682	65	47	226	112	13.1	27.3	3.0	1.5	2.3	32.7	3.2	16.9	1.0	22.7
MAXIMUM	4375	77	51	240	127	28.8	44.1	3.3	2.0	3.0	38.8	4.0	34.6	1.1	25.2
MINIMUM	2644	47	46	210	99	4.9	17.7	2.8	1.0	2.0	21.0	2.8	8.7	0.9	21.2
CHECKS (TESTIGOS):															
16 HIBRIDO F4 X F23	5677	-	52	269	141	10.3	15.2	2.0	1.5	2.0	38.5	2.3	11.5	0.9	26.0
15 HIBRIDO F5 X F23	5505	-	53	251	134	10.4	4.5	2.0	1.3	2.0	37.3	2.3	8.0	0.9	24.6
17 INIAP-526	4511	-	53	256	133	8.5	12.2	2.8	1.5	2.0	38.5	2.8	9.2	0.9	26.7
CHECK MEANS	5231	-	52	258	136	9.7	10.6	2.3	1.4	2.0	38.1	2.4	9.6	0.9	25.7
5% LSD	973.0		1.0	16.6	10.8						6.3				2.2
C. V.	17.3		1.4	5.0	6.5						13.3				6.6

TABLE: 253-V-82

EVT 14A: YEAR 1982 PARAGUAY CAPITAN MIRANDA

CO-OPERATOR: VERONICA MACHADO

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SPODO	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM	MOIST %
9 ACROSS 7931	5395	185	75	149	84	32.0	1.3	15.3	1.8	41.8	2.8	36.0	4.0	85.0	14.4
4 ACROSS 7926	5329	183	79	168	94	7.6	1.7	17.5	1.0	42.5	2.8	27.5	3.8	86.0	14.3
6 PICHILINGUE 7931	5324	183	76	150	86	23.8	1.8	16.8	1.5	42.3	3.0	31.5	3.8	86.5	13.9
8 SATIPO (2) 7931	5302	182	76	146	83	22.1	1.2	14.9	1.0	41.8	3.0	20.9	4.0	85.5	14.1
2 ISLAMABAD (1) 7926	5267	181	78	161	93	12.2	0.0	11.2	1.0	41.5	2.8	40.1	3.5	83.3	14.0
10 ISLAMABAD 8035	5264	181	78	145	89	20.5	1.8	6.9	1.5	41.5	2.8	40.9	3.3	84.8	14.1
11 POZA RICA 8035	5256	181	78	155	90	29.8	3.0	9.0	1.3	42.0	2.5	18.6	3.5	83.3	13.7
1 PIURA (1) 7926	5182	178	81	159	94	10.5	1.2	10.2	1.3	40.0	2.3	25.3	3.3	82.5	14.3
5 SETE LAGOAS 7931	5169	178	77	150	91	16.9	1.2	18.1	1.8	40.8	3.0	29.5	4.0	83.3	13.9
3 SAAVEDRA 7926	5133	176	80	160	94	9.1	2.5	12.9	1.3	41.5	3.3	30.3	3.3	82.0	14.4
7 SATIPO (1) 7931	4928	169	77	148	88	13.1	0.7	13.7	1.5	38.5	2.8	32.5	3.8	80.3	14.0
14 ACROSS 7635 RE	4857	167	78	153	90	31.5	1.8	8.8	1.8	42.0	3.0	25.1	3.8	84.0	13.9
12 SUWAN 8035	4789	165	78	166	95	26.5	1.2	12.6	1.3	41.8	2.8	16.4	3.8	85.8	13.9
13 ACROSS 7726 RE	4471	154	82	164	99	14.2	2.0	10.5	2.0	37.3	3.0	22.8	3.3	77.0	14.3
MEANS	5119	176	78	155	91	19.3	1.5	12.7	1.4	41.1	2.8	28.4	3.6	83.5	14.1
MAXIMUM	5395	185	82	168	99	32.0	3.0	18.1	2.0	42.5	3.3	40.9	4.0	86.5	14.4
MINIMUM	4471	154	75	145	83	7.6	0.0	6.9	1.0	37.3	2.3	16.4	3.3	77.0	13.7
CHECKS (TESTIGOS):															
17 COMP. RACIAL AMARDII	2910	-	95	234	160	13.0	24.7	10.0	3.0	37.8	3.8	2.9	3.0	79.8	15.6
16 COMP. RACIAL AMAR DI	2811	-	96	219	143	13.1	34.3	18.1	2.5	36.5	4.3	4.8	3.0	77.5	14.4
15 VENEZUELA-1	2166	-	98	245	168	13.9	42.6	20.3	2.0	27.5	4.0	10.2	3.3	56.3	15.9
CHECK MEANS	2629	-	96	232	156	13.3	33.9	16.1	2.5	33.9	4.0	6.0	3.1	71.2	15.3
5% LSD	522.8		2.0	14.1	12.2					3.2					
C.V.	7.9		1.7	5.9	8.4					5.7					

TABLE: 254-V-82

EVT 14A: YEAR 1982 CUBA ALQUIZAR

CO-OPERATOR: CECILIO MARCOS TORRES

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLNTS GERM	EARS/ PLNT	MOIST %
1 PIURA (1) 7926	5937	89	60	183	94	0.7	40.3	2.8	11.5	77.8	1.0	13.3
4 ACROSS 7926	5650	84	60	191	90	0.7	37.8	3.3	19.5	79.3	1.0	13.4
10 ISLAMABAD 8035	5301	79	58	163	73	0.7	38.3	3.5	20.3	80.3	1.0	12.6
11 POZA RICA 8035	5076	76	60	170	73	0.0	35.8	3.3	10.9	75.8	0.9	12.6
3 SAAVEDRA 7926	5073	76	61	180	85	1.0	34.8	3.5	27.2	73.8	1.0	13.3
9 ACROSS 7931	5010	75	54	154	57	0.6	36.8	3.5	14.5	76.0	1.0	12.7
12 SUWAN 8035	4981	74	59	179	81	0.0	36.8	3.8	18.1	77.0	0.9	12.7
2 ISLAMABAD (1) 7926	4931	74	58	185	80	0.6	38.0	3.8	19.2	73.5	0.9	13.0
5 SETE LAGOAS 7931	4720	70	55	164	69	0.0	36.8	4.0	14.4	75.8	0.9	12.9
7 SATIPO (1) 7931	4606	69	54	172	69	0.0	36.5	3.8	11.1	77.5	0.9	12.7
6 PICHILINGUE 7931	4323	64	54	158	71	3.5	35.5	4.0	12.6	76.8	0.9	12.8
13 ACROSS 7726 RE	4230	63	62	189	90	0.0	34.8	3.8	16.4	70.3	0.8	12.8
14 ACROSS 7635 RE	4210	63	59	162	72	0.0	34.0	3.5	14.1	72.8	0.9	12.6
8 SATIPO (2) 7931	4170	62	53	148	70	5.1	34.0	4.3	16.4	74.8	0.9	12.7
MEANS	4873	73	58	171	77	0.9	36.4	3.6	16.2	75.8	0.9	12.9
MAXIMUM	5937	89	62	191	94	5.1	40.3	4.3	27.2	80.3	1.0	13.4
MINIMUM	4170	62	53	148	57	0.0	34.0	2.8	10.9	70.3	0.8	12.6
CHECKS (TESTIGOS):												
15 HDT-77	6705	-	69	237	151	0.0	40.0	1.5	6.4	82.0	1.0	14.5
16 HDT-90	6603	-	70	229	132	0.0	41.0	2.3	14.1	81.5	1.0	13.9
17 HDT-101	5862	-	70	224	135	0.0	32.0	1.8	14.8	74.3	1.0	14.0
CHECK MEANS	6390	-	69	230	139	0.0	37.7	1.8	11.7	79.3	1.0	14.1
5% LSD	1153.1		1.9	19.2	17.1		6.1					0.5
C. V.	15.8		2.2	7.4	13.7		11.8					2.4

TABLE: 255-V-82

EVT 14A: YEAR 1982 CUBA TOMEGUIN

CO-OPERATOR: MINISTERIO DE LA AGRICULTURA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	STUNT %	PUCC POLY	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
3 SAAVEDRA 7926	4942	104	54	211	111	0.6	1.2	10.2	7.0	4.0	1.0	42.3	3.5	2.0	25.3
1 PIURA (1) 7926	4657	98	52	217	113	5.2	3.0	3.4	6.9	3.5	1.0	43.0	3.0	2.3	27.4
4 ACROSS 7926	4284	90	55	213	119	1.8	0.0	9.4	10.6	4.5	1.0	41.5	3.5	2.8	26.1
2 ISLAMABAD (1) 7926	4214	89	51	220	116	2.9	2.3	8.9	10.2	4.3	1.0	42.8	3.3	3.3	25.8
10 ISLAMABAD 8035	4208	89	50	200	105	7.6	5.6	4.1	8.2	4.5	1.0	42.8	3.8	3.5	23.2
11 POZA RICA 8035	3985	84	50	206	103	4.9	1.8	3.7	6.6	4.5	1.3	42.0	3.8	2.3	25.8
12 SUWAN 8035	3973	84	51	215	104	4.0	1.1	5.3	5.3	4.3	1.0	42.5	4.0	2.5	23.9
6 PICHILINGUE 7931	3848	81	46	187	89	3.7	4.3	12.8	9.0	5.0	1.0	42.3	4.3	3.0	22.1
14 ACROSS 7635 RE	3800	80	51	210	103	3.6	5.0	5.8	7.3	3.8	1.0	37.8	4.3	3.0	25.6
13 ACROSS 7726 RE	3565	75	57	215	116	1.7	1.1	5.7	9.3	4.3	1.0	40.5	4.5	3.3	26.9
9 ACROSS 7931	3261	69	47	209	99	4.3	0.0	10.0	22.0	5.0	1.0	42.3	4.5	2.8	22.2
8 SATIPO (2) 7931	3126	66	47	195	94	6.3	0.0	17.1	22.2	4.8	1.0	43.0	4.5	3.0	22.8
5 SETE LAGOAS 7931	2923	62	47	205	97	3.5	1.2	11.6	15.7	5.0	1.0	43.3	5.0	3.3	24.1
7 SATIPO (1) 7931	2666	56	47	189	80	4.4	0.0	16.7	20.8	5.0	1.0	40.5	4.5	2.3	22.8
MEANS	3818	81	50	206	104	3.9	1.9	8.9	11.5	4.4	1.0	41.9	4.0	2.8	24.5
MAXIMUM	4942	104	57	220	119	7.6	5.6	17.1	22.2	5.0	1.3	43.3	5.0	3.5	27.4
MINIMUM	2666	56	46	187	80	0.6	0.0	3.4	5.3	3.5	1.0	37.8	3.0	2.0	22.1
CHECKS (TESTIGOS):															
16 HDT 90	4741	-	61	283	173	3.5	11.6	3.0	4.7	3.5	1.0	43.0	3.3	3.8	30.1
15 HDT 77	4466	-	63	284	191	0.7	31.5	2.5	5.5	2.3	1.3	40.8	2.5	4.0	33.1
17 HDT 101	4193	-	62	290	178	0.0	25.0	4.1	6.0	3.8	1.0	41.5	2.8	3.5	31.8
CHECK MEANS	4467	-	62	285	180	1.4	22.7	3.2	5.4	3.2	1.1	41.8	2.8	3.8	31.7
5% LSD	764.7		3.0	16.5	18.2							2.9			
C.V.	13.7		4.0	5.3	11.0							4.9			

TABLE: 256-V-82

EVT 14A: YEAR 1982 MEXICO OBREGON(3)

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
2 ISLAMABAD (1) 7926	6054	100	60	215	115	11.0	68.2	2.2	38.8	1.8	20.0	6.5	1.2	30.7
3 SAAVEDRA 7926	5902	98	62	205	109	9.9	65.9	2.4	40.8	2.0	16.6	6.5	1.0	33.5
5 SETE LAGOAS 7931	5786	96	58	199	120	12.3	52.5	3.3	43.3	2.8	11.7	6.0	1.0	28.4
9 ACROSS 7931	5708	95	58	200	111	15.1	46.0	2.7	41.8	2.0	13.6	6.8	1.1	27.4
11 POZA RICA 8035	5594	93	62	193	95	5.0	88.1	1.2	38.0	3.0	10.5	7.8	1.0	30.5
1 PIURA (1) 7926	5555	92	63	201	115	5.4	66.4	3.2	40.0	2.8	9.2	6.3	1.1	36.1
4 ACROSS 7926	5433	90	63	201	109	7.0	83.6	7.6	38.5	2.8	10.5	7.3	1.1	32.7
7 SATIPO (1) 7931	5388	89	59	199	120	10.1	64.2	5.5	42.3	3.3	9.7	7.3	1.1	25.3
13 ACROSS 7726 RE	5301	88	65	215	126	7.1	64.7	2.6	34.8	3.0	18.9	5.5	1.1	31.2
6 PICHILINGUE 7931	5219	87	58	195	106	17.0	73.3	3.9	40.0	2.3	9.3	8.0	1.0	25.0
8 SATIPO (2) 7931	5066	84	58	200	106	17.5	68.8	3.5	42.0	2.8	4.1	7.8	1.0	27.6
10 ISLAMABAD 8035	4889	81	63	183	100	9.7	72.9	6.6	36.3	3.3	17.5	7.5	1.1	28.3
12 SUWAN 8035	4777	79	61	195	100	8.4	73.4	5.5	39.3	4.0	7.2	7.8	1.0	30.8
14 ACROSS 7635 RE	4682	78	63	194	95	3.7	76.5	4.1	27.8	3.3	23.0	7.0	1.1	28.6
MEANS	5382	89	61	200	109	9.9	68.9	3.9	38.8	2.8	13.0	7.0	1.1	29.7
MAXIMUM	6054	100	65	215	126	17.5	88.1	7.6	43.3	4.0	23.0	8.0	1.2	36.1
MINIMUM	4682	78	58	183	95	3.7	46.0	1.2	27.8	1.8	4.1	5.5	1.0	25.0
CHECKS (TESTIGOS):														
16 V-425 (POOL-19)	6031	-	63	214	128	8.3	67.9	8.4	40.8	1.8	8.5	6.8	1.0	30.7
17 H-412	5336	-	70	254	160	11.2	85.8	7.0	38.8	3.8	15.5	7.5	1.0	31.3
15 V-424 (BD-2)	4853	-	60	183	94	7.9	27.7	2.3	34.5	2.3	13.0	4.8	1.0	33.3
CHECK MEANS	5406	-	64	216	127	9.1	60.5	5.9	38.0	2.6	12.4	6.3	1.0	31.8
5% LSD	694.8		3.0	22.5	19.7				4.4					3.4
C.V.	9.1		3.4	7.8	12.3				8.0					8.0

TABLE: 257-V-82

EVT 14A: YEAR 1982 PANAMA CHIRIQUI

CO-OPERATOR: C. ORTIZ F. GUERRA

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	CURV	PUCC	HELM	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
2 ISLAMABAD (1) 7926	4256	122	48	195	101	5.8	75.1	6.5	1.0	2.3	2.3	43.3	2.3	1.0	17.1
1 PIURA (1) 7926	4246	121	49	206	103	9.9	71.6	4.8	1.5	1.8	1.5	43.3	2.0	1.0	18.3
4 ACROSS 7926	3983	114	47	201	110	8.5	72.2	4.1	2.0	1.5	1.8	44.0	2.3	1.0	20.9
3 SAAVEDRA 7926	3978	114	49	204	101	11.4	70.3	4.7	1.5	2.8	1.3	43.8	2.0	1.0	18.0
11 POZA RICA 8035	3895	111	48	196	90	17.0	64.2	2.2	1.8	2.0	1.8	44.0	2.0	1.0	18.7
12 SUWAN 8035	3859	110	46	196	103	9.3	71.2	2.3	1.0	2.0	1.8	43.5	2.0	0.9	18.1
10 ISLAMABAD 8035	3818	109	47	188	86	12.1	70.0	6.7	1.3	1.8	2.0	43.3	2.3	1.0	15.8
13 ACROSS 7726 RE	3697	106	51	205	114	9.5	74.1	4.3	1.5	1.8	1.5	42.3	2.3	1.0	17.5
14 ACROSS 7635 RE	3516	100	48	195	93	10.2	72.4	4.9	1.8	1.8	1.5	41.5	2.5	0.9	16.1
5 SETE LAGOAS 7931	3515	100	43	193	91	15.3	60.1	9.5	1.3	2.3	1.5	43.0	2.8	0.9	15.7
9 ACROSS 7931	3373	96	44	194	88	25.5	54.1	6.1	1.8	1.8	1.3	43.0	3.0	1.0	16.7
6 PICHILINGUE 7931	3333	95	44	189	85	20.2	58.4	9.2	1.3	2.5	1.5	43.3	2.8	0.9	16.0
7 SATIPO (1) 7931	3191	91	44	193	86	6.9	70.7	11.1	1.3	3.0	1.5	43.5	3.0	0.9	14.6
8 SATIPO (2) 7931	3017	86	44	178	78	15.9	57.7	9.9	1.0	2.8	1.8	43.8	3.0	0.9	16.0
MEANS	3691	105	46	195	95	12.7	67.3	6.1	1.4	2.1	1.6	43.2	2.4	1.0	17.1
MAXIMUM	4256	122	51	206	114	25.5	75.1	11.1	2.0	3.0	2.3	44.0	3.0	1.0	20.9
MINIMUM	3017	86	43	178	78	5.8	54.1	2.2	1.0	1.5	1.3	41.5	2.0	0.9	14.6
CHECKS (TESTIGOS):															
17 TOCUMEN 80A	3499	-	52	213	115	6.9	76.6	6.2	1.5	1.3	1.5	42.0	2.3	0.9	19.4
16 TOCUMEN 7428	3366	-	52	219	116	9.2	73.3	4.7	1.3	1.3	1.8	43.0	2.0	0.9	23.4
15 TOCUMEN PLANTA BAJA	3363	-	52	214	113	7.1	76.0	7.1	1.3	1.5	1.5	42.8	2.5	0.9	18.7
CHECK MEANS	3409	-	52	215	114	7.7	75.3	6.0	1.3	1.3	1.6	42.6	2.3	0.9	20.5
5% LSD	452.1		1.8	19.8	13.9							2.2			2.0
C.V.	8.7		2.6	7.0	9.9							3.6			7.8

TABLE: 258-V-82

EVT 14A: YEAR 1982 U.S.A. AURA VALLEY

CO-OPERATOR: J.L. STROEHLEIN

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR BORER	PLANT ASPECT	PLNTS GERM	EARS/ PLNT
9 ACROSS 7931	786	275	83	5.6	0.0	8.5	3.0	5.3	10.0	1.5
10 ISLAMABAD 8035	684	239	78	7.8	7.3	9.8	2.0	5.8	11.3	1.1
11 POZA RICA 8035	620	216	80	0.0	0.0	10.8	2.0	6.8	12.5	1.1
8 SATIPO (2) 7931	594	207	75	4.2	0.0	9.8	1.8	5.0	11.0	1.1
7 SATIPO (1) 7931	547	191	76	10.6	1.9	9.3	2.0	5.3	11.3	1.5
5 SETE LAGOAS 7931	487	170	74	5.0	3.1	7.5	2.0	4.8	11.0	1.5
1 PIURA (1) 7926	449	157	83	12.1	7.1	6.8	1.8	7.8	11.0	1.3
14 ACROSS 7635 RE	397	139	69	0.0	9.2	5.3	2.3	6.0	8.3	1.8
6 PICHILINGUE 7931	391	136	81	6.3	3.1	6.0	2.0	5.5	9.0	1.5
2 ISLAMABAD (1) 7926	325	113	74	2.5	6.7	7.3	1.8	5.3	10.5	1.2
12 SUWAN 8035	295	103	66	7.3	6.3	5.8	2.3	5.5	12.0	1.3
13 ACROSS 7726 RE	220	77	70	0.0	25.0	5.5	2.3	5.5	11.0	1.5
4 ACROSS 7926	182	63	70	8.3	0.0	5.8	2.0	4.5	10.0	1.2
3 SAAVEDRA 7926	174	61	68	19.6	0.0	5.8	1.8	4.5	10.5	1.2
MEANS	439	153	75	6.4	5.0	7.4	2.1	5.5	10.7	1.3
MAXIMUM	786	275	83	19.6	25.0	10.8	3.0	7.8	12.5	1.8
MINIMUM	174	61	66	0.0	0.0	5.3	1.8	4.5	8.3	1.1
CHECKS (TESTIGOS):										
15 HOPI BLUE	286	-	50	0.0	5.0	4.3	4.3	2.8	5.0	2.2
17 PAPAGO	218	-	65	0.0	4.2	5.0	1.8	6.3	9.3	1.3
16 CHAPALOTE	14	-	61	8.3	33.3	1.5	1.8	5.5	5.8	1.1
CHECK MEANS	173	-	58	2.8	14.2	3.6	2.6	4.8	6.7	1.5
5% LSD	363.7		23.0			3.5				
C.V.	65.2		22.6			36.5				

TABLE: 259-V-82

EVT 14A: YEAR 1982 ANGOLA CHIANGO

CO-OPERATOR: FERNANDO MARCELINO

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM TURC	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
1 PIURA (1) 7926	5111	82	74	193	101	18.7	8.7	9.1	3.3	3.9	38.0	2.3	28.5	3.3	13.9
7 SATIPO (1) 7931	4922	79	67	170	91	8.9	7.7	5.7	1.0	5.5	36.8	2.0	29.3	3.0	13.3
6 PICHILINGUE 7931	4678	75	66	170	88	11.5	1.3	7.0	1.3	1.6	35.0	2.5	39.1	3.8	12.7
4 ACROSS 7926	4639	74	73	193	119	16.5	6.3	12.5	3.0	3.5	35.3	2.3	40.6	2.8	13.5
3 SAAVEDRA 7926	4438	71	74	181	88	11.6	4.1	9.1	2.8	2.7	36.5	3.0	33.4	3.0	13.7
2 ISLAMABAD (1) 7926	4415	71	73	180	94	13.4	10.0	8.9	2.0	2.2	36.3	2.3	45.4	2.8	13.1
9 ACROSS 7931	4298	69	67	163	93	10.0	3.1	15.5	2.3	3.4	33.8	2.3	33.6	3.5	13.0
8 SATIPO (2) 7931	4223	68	66	164	96	17.4	4.7	10.6	1.0	1.9	38.0	2.0	22.6	3.3	13.3
10 ISLAMABAD 8035	4142	66	71	171	84	18.0	9.6	4.2	2.0	0.6	36.8	2.3	29.1	3.5	12.6
12 SUWAN 8035	3851	62	73	178	103	13.0	11.2	8.6	3.0	0.6	34.5	2.3	15.4	4.0	12.9
5 SETE LAGOAS 7931	3687	59	66	175	91	9.5	4.4	11.3	1.5	5.1	30.8	3.0	42.0	4.0	12.9
11 POZA RICA 8035	3572	57	73	175	88	29.9	11.6	8.2	3.8	1.4	36.0	2.8	17.5	4.3	13.4
13 ACROSS 7726 RE	3307	53	77	179	93	11.0	12.2	22.9	3.3	0.7	32.8	2.8	38.8	3.3	13.0
14 ACROSS 7635 RE	2351	38	73	158	79	17.5	12.7	12.1	4.0	1.5	29.3	3.0	22.4	4.8	12.7
MEANS	4117	66	71	175	93	14.8	7.7	10.4	2.4	2.5	35.0	2.5	31.3	3.5	13.1
MAXIMUM	5111	82	77	193	119	29.9	12.7	22.9	4.0	5.5	38.0	3.0	45.4	4.8	13.9
MINIMUM	2351	38	66	158	79	8.9	1.3	4.2	1.0	0.6	29.3	2.0	15.4	2.8	12.6
CHECKS (TESTIGOS):															
16 HTCA2	6254	-	76	234	153	18.1	4.7	5.4	2.0	11.0	32.5	2.3	37.4	3.0	15.2
15 SAM3	6155	-	82	246	175	20.3	12.6	10.0	1.0	0.0	32.5	2.3	45.3	3.8	16.7
17 BRANCO REDONDO	4870	-	83	235	160	8.4	10.1	9.1	1.0	2.3	35.5	2.5	31.1	3.0	14.8
CHECK MEANS	5760	-	79	238	162	15.6	9.2	8.2	1.3	4.4	33.5	2.3	37.9	3.3	15.6
5% LSD	841.1		2.3	18.3	24.1						5.9				
C. V.	13.4		2.2	6.9	16.1						11.9				

TABLE: 260-V-82

EVT 14A: YEAR 1982 · LIBERIA SUAKOKO

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	HYPOCHNUS SASAKII %	STEM LODG	ROOT LODG	%EAR ROT	Cercospora leaf spot 1-5 SCL	Water soaked lesion 1-5 SCL	HUSK COVER	PLANTS HARV	EAR ASPCT	MOIST %
11 POZA RICA 8035	2823	80	59	142	54	15.9	7.6	5.6	19.0	1.1	0.6	1.5	30.5	2.0	22.1
5 SETE LAGOAS 7931	2696	77	56	139	56	8.0	7.7	1.4	15.8	1.1	1.0	2.3	34.3	2.5	24.0
2 ISLAMABAD (1) 7926	2679	76	60	146	58	9.2	13.5	8.8	15.6	1.5	0.5	2.0	33.3	2.8	22.9
13 ACROSS 7726 RE	2373	68	65	147	64	13.1	14.8	5.8	19.1	0.9	0.9	2.0	28.3	3.5	22.0
10 ISLAMABAD 8035	2277	65	58	136	54	12.1	25.7	10.2	17.6	1.4	0.9	2.0	30.5	2.3	23.1
7 SATIPO (1) 7931	2252	64	56	120	50	9.4	20.2	8.6	29.6	1.8	0.6	2.3	33.8	3.0	21.8
9 ACROSS 7931	2150	61	55	150	51	9.0	8.0	4.7	29.5	1.3	0.6	2.0	32.3	2.3	22.3
4 ACROSS 7926	2141	61	64	121	46	12.9	12.5	2.6	23.2	1.0	0.6	2.8	28.3	2.3	24.0
6 PICHILINGUE 7931	2089	59	55	128	47	3.7	14.5	0.7	12.4	1.4	0.5	1.3	32.3	1.5	21.2
8 SATIPO (2) 7931	2025	58	58	159	78	5.7	14.5	4.5	27.0	1.9	1.1	2.0	32.0	2.0	22.6
3 SAAVEDRA 7926	2004	57	63	128	53	9.4	11.8	4.8	28.5	1.3	0.5	3.5	25.3	2.3	22.8
14 ACROSS 7635 RE	1986	57	62	138	58	16.7	25.6	8.7	13.4	1.1	0.6	2.5	25.5	2.3	22.5
1 PIURA (1) 7926	1909	54	62	124	53	11.3	17.7	16.1	29.1	1.6	1.0	3.0	27.8	2.5	23.0
12 SUWAN 8035	1906	54	61	141	54	7.6	25.5	16.2	19.2	1.6	1.3	1.3	31.5	2.3	22.2
MEANS	2236	64	60	137	55	10.3	15.7	7.1	21.4	1.3	0.8	2.2	30.4	2.4	22.6
MAXIMUM	2823	80	65	159	78	16.7	25.7	16.2	29.6	1.9	1.3	3.5	34.3	3.5	24.0
MINIMUM	1906	54	55	120	46	3.7	7.6	0.7	12.4	0.9	0.5	1.3	25.3	1.5	21.2
CHECKS (TESTIGOS):															
17 LOCAL CHECK 3	3513	-	69	190	99	9.7	0.0	8.2	16.1	1.8	1.5	2.8	25.3	2.5	28.6
16 LOCAL CHECK 2	2536	-	71	209	111	11.9	16.7	4.8	13.4	2.1	1.1	1.0	22.5	2.0	24.2
15 LOCAL CHECK 1	2066	-	68	183	82	9.1	12.0	4.5	24.1	1.5	1.5	2.3	22.3	2.8	24.3
CHECK MEANS	2705	-	69	193	97	10.2	9.6	5.8	17.9	1.8	1.4	2.0	23.3	2.4	25.7
5% LSD	898.0		6.8	28.0	21.3								6.1		
C.V.	27.2		7.9	13.4	23.9								14.7		

TABLE: 261-V-82

EVT 14A: YEAR 1982 MOZAMBIQUE CHOKWE

CO-OPERATOR: EUJENIA NHUZ

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
4 ACROSS 7926	1983	113	160	88	33.3	24.0	17.8	4.0	1.3	15.3
7 SATIPO (1) 7931	1811	103	145	75	31.6	30.8	15.3	3.5	1.7	17.4
11 POZA RICA 8035	1675	96	143	70	8.2	35.7	17.0	3.5	1.1	17.1
13 ACROSS 7726 RE	1603	91	150	83	11.9	49.1	17.5	4.0	1.2	16.9
2 ISLAMABAD (1) 7926	1406	80	143	78	10.9	31.1	16.0	3.3	1.1	16.8
14 ACROSS 7635 RE	1397	80	143	73	16.7	38.6	17.0	3.8	1.3	16.5
3 SAAVEDRA 7926	1383	79	140	80	15.7	63.4	15.8	3.5	1.2	15.9
5 SETE LAGOAS 7931	1302	74	150	83	18.7	62.7	17.5	3.8	1.2	16.7
10 ISLAMABAD 8035	1262	72	135	73	17.3	29.5	16.0	3.5	1.3	15.0
1 PIURA (1) 7926	1161	66	145	78	29.7	37.5	15.0	3.3	1.0	16.9
12 SUWAN 8035	1158	66	140	78	14.2	28.1	16.8	3.3	1.2	17.4
6 PICHILINGUE 7931	1142	65	128	65	18.1	5.8	14.8	3.3	1.0	16.5
8 SATIPO (2) 7931	1093	62	148	78	14.5	18.9	14.8	3.8	1.1	15.3
9 ACROSS 7931	948	54	125	65	15.9	13.0	15.8	3.0	1.1	19.2
MEANS	1380	79	142	76	18.3	33.4	16.2	3.5	1.2	16.6
MAXIMUM	1983	113	160	88	33.3	63.4	17.8	4.0	1.7	19.2
MINIMUM	948	54	125	65	8.2	5.8	14.8	3.0	1.0	15.0
CHECKS (TESTIGOS):										
17 VAR2 (MUKULU)	1752	-	153	83	17.8	36.4	16.5	3.8	1.3	19.0
16 VAR1 (MANICA)	1271	-	138	73	27.5	21.8	16.0	3.8	1.3	15.9
15 KALAHARI	1139	-	125	63	25.2	26.4	16.0	3.3	1.2	14.9
CHECK MEANS	1387	-	138	72	23.5	28.2	16.2	3.6	1.3	16.6
5% LSD	672.2		23.6	21.4			4.1			3.5
C.V.	34.2		11.7	20.0			17.8			14.6

TABLE: 262-V-82

EVT 14A: YEAR 1982 MOZAMBIQUE NAMAPA

CO-OPERATOR: YENS PEDERSEN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	HELM TURC	PLANTS HARV	EAR ASPCT	EAR BORER	EARS/ PLNT	MOIST %
1 PIURA (1) 7926	3163	90	48	170	60	3.3	27.8	2.7	21.3	3.3	1.0	1.3	21.5
13 ACROSS 7726 RE	2946	84	48	180	70	1.6	23.7	2.0	20.0	3.0	1.7	1.4	21.0
3 SAAVEDRA 7926	2944	84	45	197	73	0.0	39.8	2.0	20.3	2.7	2.3	1.4	19.9
11 POZA RICA 8035	2825	80	45	180	73	7.7	42.1	1.7	21.3	2.0	1.3	1.3	17.3
2 ISLAMABAD (1) 7926	2795	79	45	187	80	3.6	19.3	2.0	19.7	2.0	1.7	1.4	20.0
4 ACROSS 7926	2776	79	47	177	67	7.5	40.2	2.0	19.7	2.7	1.7	1.3	20.4
6 PICHILINGUE 7931	2682	76	48	173	67	1.7	16.7	3.0	20.0	2.3	1.3	1.3	16.0
14 ACROSS 7635 RE	2676	76	48	177	70	1.6	26.3	2.7	18.3	2.0	1.7	1.3	18.5
10 ISLAMABAD 8035	2610	74	44	193	83	2.9	36.3	2.0	21.3	1.3	2.3	1.2	18.3
9 ACROSS 7931	2568	73	44	180	70	1.5	16.7	3.0	22.0	2.3	1.7	1.0	18.6
12 SUWAN 8035	2552	72	45	213	77	1.6	11.6	2.0	20.0	2.0	2.0	1.2	19.2
5 SETE LAGOAS 7931	2537	72	44	160	57	5.0	34.2	3.0	21.3	2.3	2.0	1.2	18.6
8 SATIPO (2) 7931	2197	62	44	170	60	4.4	35.7	2.0	18.3	2.7	2.0	1.3	18.7
7 SATIPO (1) 7931	2173	62	44	180	67	4.4	44.1	3.7	18.3	2.7	1.7	1.3	18.4
MEANS	2675	76	46	181	70	3.3	29.6	2.4	20.1	2.4	1.7	1.3	19.0
MAXIMUM	3163	90	48	213	83	7.7	44.1	3.7	22.0	3.3	2.3	1.4	21.5
MINIMUM	2173	62	44	160	57	0.0	11.6	1.7	18.3	1.3	1.0	1.0	16.0
CHECKS (TESTIGOS):													
15 KALAHARI	3526	-	45	170	67	4.5	20.4	2.7	22.7	2.7	2.0	1.1	20.8
17 VAR1 (MANICA)	3508	-	47	183	73	3.3	19.0	2.3	21.3	3.3	1.7	1.2	23.6
16 VAR2 (MUKULU)	3441	-	47	190	83	4.9	15.0	3.0	20.7	4.0	1.3	1.4	23.3
CHECK MEANS	3492	-	46	181	74	4.2	18.1	2.7	21.6	3.3	1.7	1.2	22.6
5% LSD	914.3		6.2	35.7	18.6				4.6				2.6
C.V.	19.5		8.1	11.9	15.9				13.5				7.9

TABLE: 263-V-82

EVT 14A: YEAR 1982 REP. S. AFRICA POTCHEFSTROOM

CO-OPERATOR: DR. A. P. FOURIE

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	SMUT %	SHELLING %	EARS/ PLNT	MOIST %
9 ACROSS 7931	3142	73	64	188	82	14.6	0.6	1.8	42.0	6.1	0.0	78.0	1.2	12.7
6 PICHILINGUE 7931	3021	70	64	191	79	18.3	1.8	0.0	41.3	1.3	0.0	79.4	1.2	13.0
7 SATIPO (1) 7931	2971	69	65	190	87	15.7	3.1	2.1	41.8	2.5	1.3	79.8	1.2	12.1
8 SATIPO (2) 7931	2960	69	64	177	81	14.2	5.6	0.7	41.3	1.4	0.5	80.4	1.1	14.0
5 SETE LAGOAS 7931	2866	67	65	204	80	4.2	1.6	0.6	42.5	2.6	0.6	78.4	1.0	12.6
4 ACROSS 7926	2755	64	69	199	82	15.9	1.7	0.9	42.5	0.6	1.1	79.7	1.3	12.8
10 ISLAMABAD 8035	2705	63	68	191	80	10.8	5.5	0.0	40.0	0.0	0.6	78.5	1.2	12.0
14 ACROSS 7635 RE	2561	60	68	176	73	17.4	3.7	0.0	40.0	0.7	1.4	81.1	1.2	12.0
1 PIURA (1) 7926	2504	58	70	202	94	12.5	0.7	0.7	42.8	1.3	0.5	80.4	1.1	14.6
11 POZA RICA 8035	2454	57	69	184	83	11.3	2.7	2.7	37.8	0.0	1.3	79.2	1.2	12.7
12 SUWAN 8035	2432	57	68	192	77	14.3	3.8	0.6	40.3	0.0	2.3	81.6	1.1	12.6
3 SAAVEDRA 7926	2332	54	70	198	90	5.6	3.1	3.0	39.8	0.6	0.6	82.8	1.1	12.6
2 ISLAMABAD (1) 7926	2244	52	69	199	78	14.4	1.3	0.0	41.5	2.3	1.3	77.8	1.1	13.7
13 ACROSS 7726 RE	2140	50	71	201	93	12.6	3.1	1.6	40.8	1.3	0.6	81.2	1.2	12.6
MEANS	2649	62	67	192	83	13.0	2.7	1.0	41.0	1.5	0.9	79.9	1.2	12.9
MAXIMUM	3142	73	71	204	94	18.3	5.6	3.0	42.8	6.1	2.3	82.8	1.3	14.6
MINIMUM	2140	50	64	176	73	4.2	0.6	0.0	37.8	0.0	0.0	77.8	1.0	12.0
CHECKS (TESTIGOS):														
16 PNR 432	4292	-	68	197	83	17.5	0.0	0.0	42.5	0.0	0.0	78.9	1.2	11.4
17 SSM 48	3504	-	67	200	90	38.6	1.4	0.0	38.8	0.0	0.7	80.8	1.3	13.6
15 TX24	3227	-	68	208	84	5.1	0.0	0.0	40.8	0.0	0.6	77.7	1.0	13.6
CHECK MEANS	3674	-	67	201	85	20.4	0.5	0.0	40.7	0.0	0.4	79.1	1.2	12.8
5% LSD	486.2		1.0	15.8	13.4				3.3					
C.V.	12.1		1.0	5.7	11.4				5.7					

TABLE: 264-V-82

EVT 14A: YEAR 1982 TOGO SOTOUBOUA

CO-OPERATOR: SCHWIEBERT, WILFRIED

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	%BAD H. C.	PLNTS GERM	EARS/ PLNT	MOIST %
12 SUWAN 8035	4584	115	49	258	93	39.5	38.1	263.5	1.0	14.4
10 ISLAMABAD 8035	4581	115	47	234	95	40.0	58.1	276.3	1.0	13.4
11 POZA RICA 8035	4344	109	50	224	96	39.0	26.2	265.3	1.0	14.3
2 ISLAMABAD (1) 7926	4321	109	49	253	90	39.8	42.2	255.5	1.0	14.4
4 ACROSS 7926	3939	99	50	235	100	39.3	24.2	253.0	1.0	14.8
1 PIURA (1) 7926	3909	98	49	236	94	39.3	21.0	241.3	0.9	15.1
13 ACROSS 7726 RE	3904	98	52	243	108	39.0	32.1	244.3	1.0	14.4
3 SAAVEDRA 7926	3856	97	51	230	101	38.8	45.3	248.5	1.1	14.8
8 SATIPO (2) 7931	3809	96	45	225	81	39.3	31.1	256.0	1.0	12.1
5 SETE LAGOAS 7931	3775	95	45	233	111	39.3	36.2	264.8	1.0	12.1
9 ACROSS 7931	3676	93	45	239	78	39.0	39.7	252.0	0.9	12.3
6 PICHILINGUE 7931	3649	92	45	226	90	38.0	35.1	252.8	1.0	12.1
7 SATIPO (1) 7931	3555	90	45	224	75	39.5	36.1	251.8	0.9	12.4
14 ACROSS 7635 RE	3230	81	49	213	89	35.5	30.0	230.0	1.0	13.6
MEANS	3938	99	48	234	93	38.9	35.4	253.9	1.0	13.6
MAXIMUM	4584	115	52	258	111	40.0	58.1	276.3	1.1	15.1
MINIMUM	3230	81	45	213	75	35.5	21.0	230.0	0.9	12.1
CHECKS (TESTIGOS):										
15 LA POSTA	3971	-	59	328	146	34.5	6.7	269.5	0.9	16.5
17 NHA	3340	-	53	311	158	34.8	4.1	239.5	1.1	13.9
16 TSIVIE	2461	-	57	299	164	36.3	0.0	212.3	1.1	14.5
CHECK MEANS	3257	-	56	312	155	35.2	3.6	240.4	1.0	15.0
5% LSD	1068.1		1.7	36.3	24.1	3.3				1.8
C. V.	19.7		2.4	10.3	16.3	6.0				9.0

TABLE: 265-V-82

EVT 14A: YEAR 1982 SAUDI ARABIA HOFUF

CO-OPERATOR: LIN CHUAN CHENG

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
4 ACROSS 7926	7329	156	69	163	85	0.6	0.0	4.4	43.0	1.5	7.5	1.5	85.0	1.1	34.4
1 PIURA (1) 7926	7300	155	72	175	84	0.0	0.0	4.0	40.5	1.3	6.7	2.3	81.8	1.1	28.4
7 SATIPO (1) 7931	7132	152	61	159	75	0.0	0.6	1.9	42.0	1.0	11.8	2.0	82.3	1.0	24.1
10 ISLAMABAD 8035	6922	147	67	163	76	0.0	0.0	2.3	41.0	1.8	10.3	2.3	81.3	1.1	27.5
3 SAAVEDRA 7926	6692	142	70	172	87	0.0	0.0	1.7	41.3	1.3	6.8	1.5	82.0	1.0	31.8
5 SETE LAGOAS 7931	6606	140	64	154	75	0.0	0.0	3.1	41.0	2.0	9.8	2.3	81.3	1.0	24.8
11 POZA RICA 8035	6571	140	70	164	75	0.0	0.0	3.3	41.0	1.3	5.4	1.8	82.0	1.0	29.1
9 ACROSS 7931	6375	136	65	150	73	0.0	0.0	3.3	41.5	2.0	7.1	2.8	81.8	1.0	25.5
13 ACROSS 7726 RE	6113	130	79	170	86	0.0	0.0	12.2	39.5	2.0	4.3	1.5	78.8	1.1	32.0
12 SUWAN 8035	5841	124	72	159	73	0.0	0.0	4.7	40.3	2.0	2.5	2.5	79.5	1.0	27.7
6 PICHILINGUE 7931	5809	123	64	155	76	0.0	0.0	4.4	41.8	2.3	1.2	2.5	83.8	1.0	27.5
2 ISLAMABAD (1) 7926	5700	121	74	153	77	0.0	0.0	9.2	40.8	2.0	7.4	2.5	80.8	1.0	31.3
14 ACROSS 7635 RE	5493	117	70	156	74	0.0	0.0	6.5	31.5	2.0	10.8	2.5	63.8	1.1	27.2
8 SATIPO (2) 7931	4915	104	66	150	70	1.1	0.0	5.1	38.8	2.5	3.4	3.0	77.8	1.0	26.7
MEANS	6343	135	69	160	78	0.1	0.0	4.7	40.3	1.8	6.8	2.2	80.1	1.0	28.4
MAXIMUM	7329	156	79	175	87	1.1	0.6	12.2	43.0	2.5	11.8	3.0	85.0	1.1	34.4
MINIMUM	4915	104	61	150	70	0.0	0.0	1.7	31.5	1.0	1.2	1.5	63.8	1.0	24.1
CHECKS (TESTIGOS):															
17 TAINAN 11	4705	-	70	169	77	0.0	0.0	9.1	26.3	2.0	1.0	3.8	52.5	1.0	17.9
16 TAINAN 10	4599	-	75	178	94	0.8	0.0	15.8	34.8	3.0	2.8	2.0	69.0	0.9	25.7
15 TAINAN 5	4549	-	65	157	63	0.0	1.5	4.9	27.0	1.3	15.7	4.0	54.0	1.0	23.9
CHECK MEANS	4618	-	69	167	77	0.3	0.5	9.9	29.3	2.1	6.5	3.3	58.5	1.0	22.5
5% LSD	1538.8		4.9	18.9	14.1				4.7						5.2
C. V.	17.9		5.0	8.2	12.8				8.6						13.4

TABLE: 266-V-82

EVT 14A: YEAR 1982 INDIA LUDHIANA

CO-OPERATOR: DR. A. S. KHEHRA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	STALK ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
2 ISLAMABAD (1) 7926	4633	77	55	143	67	2.5	3.1	7.5	39.8	2.3	2.5	1.1	10.7
1 PIURA (1) 7926	4435	73	56	144	73	2.4	2.3	9.6	41.8	2.8	2.8	1.0	10.1
6 PICHILINGUE 7931	4230	70	51	134	69	3.0	1.2	21.8	42.0	3.5	3.0	1.0	8.4
12 SUWAN 8035	4129	68	54	143	53	6.4	1.8	10.6	41.8	3.0	3.0	1.1	9.2
14 ACROSS 7635 RE	4065	67	55	145	60	1.9	0.0	12.3	38.5	3.0	3.0	1.1	9.4
8 SATIPO (2) 7931	4047	67	51	135	62	5.9	1.8	29.9	42.0	3.0	2.8	1.0	9.3
13 ACROSS 7726 RE	3883	64	57	145	63	0.7	1.7	6.0	34.5	2.5	2.5	1.1	11.3
5 SETE LAGOAS 7931	3834	63	52	147	57	4.9	2.3	14.3	40.5	3.3	2.8	1.1	9.5
3 SAAVEDRA 7926	3793	63	55	145	65	1.3	0.6	6.1	40.8	3.0	2.3	1.0	10.0
9 ACROSS 7931	3732	62	53	126	49	1.5	0.6	19.4	38.8	3.3	2.5	1.1	8.7
4 ACROSS 7926	3562	59	55	135	59	3.6	0.6	15.5	41.5	2.5	2.5	1.1	9.8
7 SATIPO (1) 7931	3539	59	52	130	54	1.2	6.0	35.0	40.8	3.3	2.5	1.0	8.8
10 ISLAMABAD 8035	3367	56	55	121	52	10.4	0.0	10.7	40.0	3.5	3.3	1.0	9.0
11 POZA RICA 8035	3193	53	56	124	49	6.0	0.0	17.2	38.8	3.3	3.0	1.0	9.2
MEANS	3889	64	54	137	59	3.7	1.6	15.4	40.1	3.0	2.7	1.1	9.5
MAXIMUM	4633	77	57	147	73	10.4	6.0	35.0	42.0	3.5	3.3	1.1	11.3
MINIMUM	3193	53	51	121	49	0.7	0.0	6.0	34.5	2.3	2.3	1.0	8.4
CHECKS (TESTIGOS):													
16 EH 200174	6043	-	58	157	76	0.0	1.3	2.1	37.8	1.5	2.0	1.0	10.7
15 EH 400175	5556	-	57	174	90	2.6	1.9	6.9	39.8	1.5	2.5	1.0	10.7
17 PARTAP	4645	-	58	162	81	5.2	0.0	1.6	34.3	2.5	2.5	1.0	9.8
CHECK MEANS	5414	-	57	164	82	2.6	1.1	3.5	37.3	1.8	2.3	1.0	10.4
5% LSD	1281.2		1.9	18.9	14.3				4.3				1.9
C.V.	21.7		2.5	9.4	15.9				7.6				13.6

TABLE: 267-V-82

EVT 14A: YEAR 1982 PAKISTAN ISLAMABAD

CO-OPERATOR: DR. M. QASIM CHATHA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	MAIZE BORER %	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	HELM TURC	PLANTS HARV	EAR ASPCT	PLNTS GERM	MOIST %
11 POZA RICA 8035	3886	112	62	124	49	17.8	7.1	6.4	0.0	2.0	1.8	43.0	2.8	80.8	28.1
12 SUWAN 8035	3863	112	61	140	61	20.3	7.3	10.4	2.5	1.3	1.5	40.5	3.0	84.3	27.6
1 PIURA (1) 7926	3765	109	63	138	59	19.3	1.8	9.5	0.0	2.3	1.8	40.8	2.5	76.3	29.9
4 ACROSS 7926	3742	108	61	125	70	13.4	2.9	10.2	2.3	3.0	2.3	42.8	2.8	83.5	26.7
14 ACROSS 7635 RE	3598	104	63	126	45	26.0	5.3	13.8	2.1	2.8	1.8	34.8	3.0	66.5	28.4
3 SAAVEDRA 7926	3491	101	61	130	61	27.1	5.4	13.8	1.3	2.5	1.8	45.3	2.3	84.5	29.2
7 SATIPO (1) 7931	3383	98	58	131	50	24.7	7.0	12.9	2.8	2.0	2.0	41.5	2.8	77.3	25.1
9 ACROSS 7931	3248	94	59	131	45	23.1	7.1	10.0	4.8	3.0	2.3	38.5	3.5	81.8	26.3
5 SETE LAGOAS 7931	3228	93	58	128	53	21.4	7.6	8.8	5.8	2.5	2.3	39.0	2.8	77.8	26.2
10 ISLAMABAD 8035	3157	91	62	129	51	19.0	5.7	7.7	1.9	2.3	1.3	38.8	3.0	75.0	28.2
8 SATIPO (2) 7931	2955	85	58	124	48	22.1	4.4	5.7	0.7	1.8	2.0	38.5	3.0	77.5	26.1
6 PICHILINGUE 7931	2862	83	59	128	61	20.8	6.5	15.5	1.9	2.0	2.0	38.3	2.5	81.8	26.7
2 ISLAMABAD (1) 7926	2650	77	62	115	39	22.4	4.4	13.3	2.0	3.0	1.8	40.5	2.5	75.0	27.7
13 ACROSS 7726 RE	2165	63	64	133	64	29.0	7.7	7.8	0.9	3.3	2.0	31.3	2.8	68.5	29.2
MEANS	3285	95	61	129	54	21.9	5.7	10.4	2.1	2.4	1.9	39.5	2.8	77.9	27.5
MAXIMUM	3886	112	64	140	70	29.0	7.7	15.5	5.8	3.3	2.3	45.3	3.5	84.5	29.9
MINIMUM	2165	63	58	115	39	13.4	1.8	5.7	0.0	1.3	1.3	31.3	2.3	66.5	25.1
CHECKS (TESTIGOS):															
17 PIRSABAK-7930	3459	-	58	131	60	17.1	5.7	11.8	4.2	2.5	2.3	37.3	3.5	72.8	25.9
15 POOL-17	2443	-	60	120	55	21.1	13.0	14.4	1.1	2.0	2.0	39.3	2.3	76.5	25.1
16 NEW SHAHEEN	1414	-	56	114	35	40.6	10.8	7.5	13.6	2.3	3.0	35.8	4.0	74.3	22.6
CHECK MEANS	2439	-	57	121	50	26.3	9.8	11.3	6.3	2.3	2.4	37.4	3.3	74.5	24.5
5% LSD	1174.9		2.7	20.9	17.8							6.1			
C.V.	26.4		3.1	11.5	23.5							11.0			

TABLE: 268-V-82

EVT 14A: YEAR 1982 PAKISTAN PIRSABAK

CO-OPERATOR: M. SALIM CCRI, PIRSABAK

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
1 PIURA (1) 7926	6133	122	56	181	108	12.7	0.0	36.0	1.0	33.4
4 ACROSS 7926	5873	116	55	178	110	6.5	1.5	35.3	1.0	34.3
9 ACROSS 7931	5658	112	52	184	109	8.0	0.0	34.8	1.0	30.2
11 POZA RICA 8035	5496	109	55	183	103	16.0	0.7	34.5	1.0	29.4
3 SAAVEDRA 7926	5488	109	56	179	103	8.6	0.6	32.8	1.1	33.7
12 SUWAN 8035	5469	108	51	189	110	20.4	0.0	32.8	1.0	30.8
8 SATIPO (2) 7931	5443	108	49	179	98	8.3	0.7	34.3	1.0	29.6
5 SETE LAGOAS 7931	5406	107	50	181	99	7.7	0.9	36.0	1.0	31.4
7 SATIPO (1) 7931	5249	104	51	174	105	12.4	0.7	34.5	1.0	30.2
2 ISLAMABAD (1) 7926	5192	103	55	181	110	9.9	3.3	33.0	1.0	33.3
10 ISLAMABAD 8035	5157	102	53	186	118	22.9	1.5	32.8	1.1	31.9
6 PICHILINGUE 7931	5095	101	51	184	104	12.6	0.8	31.8	1.0	29.2
13 ACROSS 7726 RE	4798	95	57	176	114	13.0	1.4	29.8	1.0	34.9
14 ACROSS 7635 RE	4691	93	56	174	89	21.2	0.9	30.0	1.0	31.0
MEANS	5368	106	53	181	105	12.9	0.9	33.4	1.0	31.6
MAXIMUM	6133	122	57	189	118	22.9	3.3	36.0	1.1	34.9
MINIMUM	4691	93	49	174	89	6.5	0.0	29.8	1.0	29.2
CHECKS (TESTIGOS):										
16 SARHAD WHITE	5047	-	53	181	98	23.6	0.0	27.8	0.9	31.6
17 SARHAD YELLOW	5020	-	55	185	95	18.2	3.2	27.0	0.9	32.8
15 PIRSABAK-80	4949	-	48	170	90	8.6	0.7	30.5	1.0	29.6
CHECK MEANS	5006	-	51	178	94	16.8	1.3	28.4	0.9	31.3
5% LSD	994.0		3.7	15.3	17.4			6.0		3.2
C.V.	13.2		5.0	6.0	11.8			13.1		7.1

TABLE: 269-V-82

EVT 14A: YEAR 1982 PAKISTAN YOUSAFWALA

CO-OPERATOR: DR. MOHAMMED AFZAL

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STALK ROT %	STEM LODG	ROOT LODG	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
13 ACROSS 7726 RE	7630	94	55	196	108	0.6	0.0	0.0	1.0	34.0	1.8	2.3	66.5	1.1	25.4
1 PIURA (1) 7926	7429	92	55	203	104	1.6	0.0	0.0	1.5	36.8	2.5	2.5	72.3	1.0	25.1
4 ACROSS 7926	7149	88	55	196	99	1.5	0.0	0.0	1.3	35.3	2.8	2.0	69.5	1.0	25.4
2 ISLAMABAD (1) 7926	6653	82	54	178	98	5.3	0.7	0.7	1.5	34.3	2.5	3.0	71.5	1.0	24.2
5 SETE LAGOAS 7931	6602	82	48	190	99	7.1	0.0	0.0	2.5	35.0	3.5	3.8	72.3	1.1	23.4
6 PICHILINGUE 7931	6301	78	50	188	99	11.4	0.0	0.0	2.0	35.0	2.5	2.5	71.0	1.0	22.5
9 ACROSS 7931	6285	78	50	179	93	9.7	0.6	0.0	2.0	36.0	3.3	3.0	65.3	1.0	23.3
10 ISLAMABAD 8035	6006	74	52	181	80	3.4	0.0	0.0	1.5	32.0	3.5	2.5	66.8	1.0	23.6
11 POZA RICA 8035	5930	73	54	189	88	2.1	1.5	0.0	1.8	32.0	3.8	2.8	64.5	1.0	25.0
7 SATIPO (1) 7931	5721	71	51	191	93	15.1	1.6	0.0	2.3	34.3	3.3	3.8	72.0	1.0	23.1
8 SATIPO (2) 7931	5229	65	50	181	93	19.0	0.0	0.0	2.0	32.3	4.0	4.0	69.0	1.0	22.7
12 SUWAN 8035	5085	63	55	200	88	2.0	1.9	0.0	1.5	27.0	4.0	3.8	56.5	1.0	23.3
3 SAAVEDRA 7926	4769	59	57	195	99	4.9	0.0	1.0	1.5	23.8	3.3	3.0	64.5	1.0	26.1
14 ACROSS 7635 RE	4188	52	55	180	90	8.1	0.0	0.0	2.0	23.3	3.8	3.3	47.0	1.1	24.8
MEANS	6070	75	53	189	95	6.6	0.4	0.1	1.7	32.2	3.2	3.0	66.3	1.0	24.1
MAXIMUM	7630	94	57	203	108	19.0	1.9	1.0	2.5	36.8	4.0	4.0	72.3	1.1	26.1
MINIMUM	4188	52	48	178	80	0.6	0.0	0.0	1.0	23.3	1.8	2.0	47.0	1.0	22.5
CHECKS (TESTIGOS):															
16 LOCAL CHECK 2	8087	-	54	229	123	12.2	6.4	1.3	2.0	38.0	3.0	3.0	71.0	1.0	24.4
15 LOCAL CHECK 1	7457	-	52	224	119	14.8	1.2	0.0	2.0	38.8	1.3	3.0	75.8	1.0	23.6
17 LOCAL CHECK 3	5585	-	52	196	94	35.6	2.3	1.2	2.0	34.0	3.5	3.3	70.8	1.0	22.1
CHECK MEANS	7043	-	52	216	111	20.9	3.3	0.8	2.0	36.9	2.6	3.1	72.5	1.0	23.3
5% LSD	1287.1		2.2	20.9	15.0					6.5					1.7
C.V.	14.5		2.9	7.6	10.8					13.9					4.9

TABLE: 270-V-82

EVT 14A: YEAR 1982 VIETNAM HO-CHI-MINH CITY

CO-OPERATOR: VO DINH LONG, PHAN THUONG TRINH

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	CORTICIUM SASAKII %	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
7 SATIPO (1) 7931	4223	111	46	160	68	5.3	5.5	3.3	3.2	38.3	2.8	1.8	84.3	0.9	37.3
6 PICHILINGUE 7931	4161	109	46	168	69	6.1	3.4	6.8	4.9	36.8	2.7	1.5	75.0	1.0	37.9
9 ACROSS 7931	4051	106	47	167	74	4.9	1.8	3.7	3.9	41.3	3.6	1.8	82.5	0.9	36.9
4 ACROSS 7926	4019	105	51	175	80	3.4	0.0	7.3	3.7	44.3	6.8	1 0	88.8	0.9	43.2
10 ISLAMABAD 8035	3995	105	50	170	76	6.7	12.7	5.3	2.8	37.8	5.3	2.0	75.8	1.0	40.9
2 ISLAMABAD (1) 7926	3972	104	50	178	76	5.2	7.8	4.0	3.6	38.3	5.2	2.0	76.3	0.9	42.7
8 SATIPO (2) 7931	3901	102	46	167	66	7.2	5.2	4.5	8.4	38.5	3.3	1.0	78.3	0.9	38.4
1 PIURA (1) 7926	3837	101	51	182	84	5.8	9.1	8.6	3.4	38.5	8.5	1.3	74.3	0.9	44.8
12 SUWAN 8035	3796	99	49	186	79	4.3	8.4	3.0	3.2	41.0	6.7	1.8	82.3	0.9	44.5
5 SETE LAGOAS 7931	3747	98	48	176	79	4.0	3.1	3.3	2.1	37.0	5.3	1.3	79.3	1.0	38.1
3 SAAVEDRA 7926	3744	98	52	180	83	3.9	6.4	1.3	1.3	38.5	9.1	1.0	77.0	1.0	45.8
13 ACROSS 7726 RE	3651	96	51	189	86	4.1	6.2	1.4	1.5	36.5	2.0	1.0	77.0	0.9	45.0
11 POZA RICA 8035	3423	90	51	170	70	7.3	10.6	7.3	1.4	37.8	5.4	1.5	77.5	0.9	44.7
14 ACROSS 7635 RE	3399	89	51	171	75	6.4	8.6	7.1	4.0	35.3	10.7	2.0	75.3	0.9	44.0
MEANS	3851	101	49	174	76	5.3	6.3	4.8	3.4	38.5	5.5	1.5	78.8	0.9	41.7
MAXIMUM	4223	111	52	189	86	7.3	12.7	8.6	8.4	44.3	10.7	2.0	88.8	1.0	45.8
MINIMUM	3399	89	46	160	66	3.4	0.0	1.3	1.3	35.3	2.0	1.0	74.3	0.9	36.9
CHECKS (TESTIGOS):															
17 NHA-MO COMPOSITE	3816	-	50	220	124	2.8	5.0	4.1	2.1	36.3	4.3	1.0	75.0	1.0	45.2
16 EARLI THAI X BIGEI	3589	-	52	208	97	3.6	2.1	7.1	2.2	35.0	6.4	1.0	70.0	1.0	43.8
15 EARLI THAI COMP.	3280	-	52	216	109	3.6	5.5	2.8	0.0	27.8	13.5	1.0	58.5	1.0	45.5
CHECK MEANS	3562	-	51	214	110	3.3	4.2	4.6	1.4	33.0	8.0	1.0	67.8	1.0	44.8
5% LSD	455.6		1.1	13.6	9.2					3.5					1.1
C.V.	8.4		1.6	5.3	7.9					6.6					1.8

TABLE: 271-V-82

EVT 14A: YEAR 1982 VIETNAM HUNG LOC

CO-OPERATOR: VO DINH LONG, TRAN ANH NGUYET

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	CORTICIUM SASAKII %	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLNTS GERM	MOIST %
3 SAAVEDRA 7926	5417	101	57	174	82	15.7	1.2	5.8	16.0	2.5	43.5	1.8	20.2	87.0	36.2
4 ACROSS 7926	5088	95	57	167	83	11.6	0.6	4.6	15.5	2.8	43.3	1.5	20.3	87.3	37.1
10 ISLAMABAD 8035	5064	94	55	165	77	13.8	0.6	6.3	6.2	3.0	43.5	1.5	22.4	87.0	33.9
11 POZA RICA 8035	5040	94	57	167	76	19.5	1.1	2.3	5.5	3.0	43.5	1.5	25.3	87.0	35.5
12 SUWAN 8035	4649	87	57	170	77	20.0	0.6	3.0	8.6	2.5	42.5	2.0	24.1	86.3	36.5
2 ISLAMABAD (1) 7926	4647	87	57	170	80	15.7	1.2	5.2	11.3	3.0	43.3	1.8	25.9	87.3	36.3
1 PIURA (1) 7926	4503	84	58	178	90	11.1	1.2	2.9	13.1	2.0	43.0	1.8	22.7	86.0	39.7
9 ACROSS 7931	4452	83	53	160	72	18.3	0.6	1.7	9.1	2.5	42.8	2.5	21.6	86.5	34.2
14 ACROSS 7635 RE	4343	81	58	159	69	15.0	1.2	3.6	27.3	2.8	42.0	2.5	26.9	83.5	35.1
5 SETE LAGOAS 7931	4247	79	53	166	77	15.2	0.6	1.8	7.4	2.5	42.8	2.3	24.6	85.5	35.0
6 PICHILINGUE 7931	4064	76	52	156	68	29.9	0.6	4.1	10.4	2.8	42.0	2.5	16.2	86.3	31.4
13 ACROSS 7726 RE	4025	75	60	184	87	22.3	1.8	5.6	19.5	2.8	40.3	2.8	26.8	81.8	41.3
7 SATIPO (1) 7931	3943	73	54	159	70	12.7	1.1	3.5	11.4	2.8	43.3	2.8	16.8	87.5	33.9
8 SATIPO (2) 7931	3877	72	53	155	67	25.9	0.6	4.0	11.3	2.3	43.5	2.8	17.2	87.0	35.6
MEANS	4526	84	56	166	77	17.6	0.9	3.9	12.3	2.6	42.8	2.1	22.2	86.1	35.8
MAXIMUM	5417	101	60	184	90	29.9	1.8	6.3	27.3	3.0	43.5	2.8	26.9	87.5	41.3
MINIMUM	3877	72	52	155	67	11.1	0.6	1.7	5.5	2.0	40.3	1.5	16.2	81.8	31.4
CHECKS (TESTIGOS):															
17 NHA-MO COMPOSITE	5372	-	57	218	120	16.1	3.1	10.5	8.6	2.5	40.3	1.3	21.0	84.3	35.1
15 EARLY THAI COMP.	4469	-	60	209	118	10.0	4.7	14.0	16.3	3.3	37.3	1.3	16.9	71.8	38.5
16 EARLY THAI X BIGEI	4001	-	58	204	108	10.7	2.5	9.8	11.1	3.3	30.8	1.5	27.8	64.3	35.9
CHECK MEANS	4614	-	58	210	115	12.3	3.4	11.4	12.0	3.0	36.1	1.3	21.9	73.4	36.5
5% LSD	816.5		1.4	11.5	10.3						2.4				
C.V.	12.6		1.8	4.6	8.7						4.1				

TABLE: 272-V-82

EVT 14A: YEAR 1982 YEMEN A.R. SURDUD

CO-OPERATOR: DR. A.G. IMAM Y A.R. RADMAN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	PUCC	PLANTS HARV	EAR ASPCT	EARS/ PLNT
7 SATIPO (1) 7931	6234	111	49	175	76	7.0	7.1	6.0	1.3	1.5	39.0	2.8	0.9
3 SAAVEDRA 7926	6050	108	54	199	106	13.6	14.5	15.0	1.8	2.0	40.0	3.0	0.9
2 ISLAMABAD (1) 7926	5898	105	52	185	82	8.3	7.8	7.5	1.5	1.5	40.8	3.5	1.0
4 ACROSS 7926	5867	105	53	195	90	8.9	8.9	6.0	2.8	1.8	38.3	1.8	1.0
14 ACROSS 7635 RE	5867	105	54	182	81	6.8	23.0	18.4	1.5	2.0	38.3	2.8	1.0
1 PIURA (1) 7926	5653	101	55	214	88	9.1	20.9	5.0	1.8	1.8	38.3	1.5	1.1
10 ISLAMABAD 8035	5623	101	51	173	72	15.3	16.9	13.2	1.3	1.5	37.8	3.8	1.0
6 PICHILINGUE 7931	5592	100	48	164	74	12.3	13.3	11.2	1.3	1.0	39.3	2.8	1.0
12 SUWAN 8035	5562	99	53	181	87	9.2	16.3	19.3	2.0	2.0	37.8	2.5	0.9
8 SATIPO (2) 7931	5470	98	51	169	76	12.6	11.5	4.8	1.3	1.3	39.0	1.5	1.0
9 ACROSS 7931	5378	96	50	162	86	13.8	21.8	8.5	1.8	2.5	38.0	2.3	1.0
11 POZA RICA 8035	5317	95	53	178	77	3.1	24.9	8.4	1.3	1.5	38.0	1.5	1.0
13 ACROSS 7726 RE	5287	95	55	218	93	8.3	15.5	12.6	1.8	2.0	39.0	1.8	1.0
5 SETE LAGOAS 7931	5073	91	51	179	76	4.5	18.0	10.4	1.0	2.5	38.0	3.3	1.0
MEANS	5634	101	52	184	83	9.5	15.8	10.5	1.6	1.8	38.7	2.5	1.0
MAXIMUM	6234	111	55	218	106	15.3	24.9	19.3	2.8	2.5	40.8	3.8	1.1
MINIMUM	5073	91	48	162	72	3.1	7.1	4.8	1.0	1.0	37.8	1.5	0.9
CHECKS (TESTIGOS):													
15 TIHAMA-1	5592	-	55	260	143	78.2	9.0	8.0	1.5	1.3	41.5	4.5	0.9
17 KHOMULTAR	5073	-	57	212	95	46.9	19.8	10.6	1.5	2.8	40.3	2.0	1.0
16 TIHAMA-2	4523	-	52	229	109	50.2	25.6	23.5	1.8	2.5	38.5	3.5	0.9
CHECK MEANS	5062	-	54	233	115	58.4	18.1	14.0	1.6	2.2	40.1	3.3	0.9
5% LSD	1667.7		3.9	23.8	20.9						6.8		
C.V.	21.2		5.2	8.7	16.6						12.2		

TABLE: 273-V-82

EVT 14A: YEAR 1982 YEMEN A.R. TAIZ

CO-OPERATOR: DR. ALIE KUMBAL

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC SORG	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
9 ACROSS 7931	2577	87	57	110	53	12.1	30.7	2.0	3.0	4.0	30.3	2.7	3.3	4.0	12.0
10 ISLAMABAD 8035	2476	83	65	120	52	10.0	5.0	0.8	2.0	3.0	39.7	3.0	4.3	2.3	12.0
12 SUWAN 8035	2476	83	64	135	67	1.7	8.3	0.0	2.0	3.0	39.7	3.0	0.8	2.7	12.0
11 POZA RICA 8035	2443	82	66	112	53	5.3	8.0	1.0	3.0	3.0	38.0	3.0	0.0	3.7	12.0
14 ACROSS 7635 RE	2443	82	64	127	57	9.0	8.7	0.0	3.0	4.0	39.3	3.0	0.0	2.7	12.0
4 ACROSS 7926	2309	78	66	117	53	5.6	2.6	3.4	2.0	4.0	40.7	2.3	1.6	2.7	12.0
3 SAAVEDRA 7926	2242	75	65	123	63	2.8	4.4	1.2	3.0	4.0	37.3	2.3	0.9	2.7	12.0
2 ISLAMABAD (1) 7926	2142	72	67	113	52	1.9	7.5	3.6	2.0	3.0	35.3	3.0	3.8	3.3	12.0
13 ACROSS 7726 RE	2108	71	70	127	57	1.8	9.2	0.0	2.0	3.0	37.3	2.7	1.8	2.7	12.0
1 PIURA (1) 7926	2075	70	69	115	52	6.2	7.2	0.8	3.0	3.0	38.3	2.3	0.0	2.7	12.0
5 SETE LAGOAS 7931	2041	69	59	113	48	3.4	6.6	2.2	2.0	3.0	40.0	2.7	0.0	3.0	12.0
7 SATIPO (1) 7931	1941	65	57	108	52	3.4	11.0	3.2	2.0	4.0	40.0	2.7	1.0	3.3	12.0
8 SATIPO (2) 7931	1874	63	60	120	42	7.3	16.7	2.9	4.0	3.0	34.3	3.0	2.2	3.0	12.0
6 PICHILINGUE 7931	1807	61	59	120	48	5.7	16.7	3.2	3.0	4.0	37.0	3.0	6.2	3.3	12.0
MEANS	2211	74	63	119	54	5.4	10.2	1.7	2.6	3.4	37.7	2.8	1.9	3.0	12.0
MAXIMUM	2577	87	70	135	67	12.1	30.7	3.6	4.0	4.0	40.7	3.0	6.2	4.0	12.0
MINIMUM	1807	61	57	108	42	1.7	2.6	0.0	2.0	3.0	30.3	2.3	0.0	2.3	12.0
CHECKS (TESTIGOS):															
16 KHUMALTAR	2978	-	67	137	70	2.5	4.9	0.0	3.0	2.0	41.3	1.7	0.0	2.0	12.0
17 TIHAMA 1	2309	-	72	152	67	2.4	3.4	2.4	3.0	2.0	40.0	2.7	4.3	3.0	12.0
15 SETE LAGOAS 7728	2242	-	70	128	65	4.4	1.8	2.3	2.0	3.0	38.0	2.7	0.9	2.7	12.0
CHECK MEANS	2510	-	69	138	67	3.1	3.4	1.6	2.7	2.3	39.8	2.3	1.7	2.6	12.0
5% LSD	557.5		3.0	24.3	19.3						5.9				
C.V.	14.8		2.8	12.0	20.7						9.3				

TABLE: 274-V-82

EVT 14A: YEAR 1982 YEMEN A.R. ZABID

CO-OPERATOR: DR. A. GIMAM F.A. MEFLEHI

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	EARS HARV
2 ISLAMABAD (1) 7926	10542	95	53	169	82	2.4	63.0
1 PIURA (1) 7926	9870	89	56	170	79	0.8	64.8
9 ACROSS 7931	8831	80	50	166	74	1.5	58.0
7 SATIPO (1) 7931	8648	78	55	176	75	0.5	57.3
5 SETE LAGOAS 7931	8403	76	51	168	78	0.4	50.8
4 ACROSS 7926	7884	71	54	155	85	1.8	53.5
14 ACROSS 7635 RE	7853	71	55	164	73	0.4	50.3
6 PICHILINGUE 7931	7731	70	50	154	68	0.6	59.8
13 ACROSS 7726 RE	7701	69	57	169	89	1.0	53.3
11 POZA RICA 8035	7456	67	55	163	71	0.5	55.3
12 SUWAN 8035	7395	67	55	150	70	1.8	54.5
8 SATIPO (2) 7931	7364	66	50	173	69	1.2	37.3
3 SAAVEDRA 7926	6173	56	57	165	86	1.8	47.8
10 ISLAMABAD 8035	6112	55	54	182	70	0.6	46.0
MEANS	7997	72	54	166	76	1.1	54.2
MAXIMUM	10542	95	57	182	89	2.4	64.8
MINIMUM	6112	55	50	150	68	0.4	37.3
CHECKS (TESTIGOS):							
16 TIHAMA-2	11092	-	64	208	122	0.9	58.5
15 TIHAMA-1	10573	-	63	250	143	2.5	56.3
17 KOMULTAR	8098	-	56	183	112	0.0	63.3
CHECK MEANS	9921	-	60	213	125	1.1	59.3
5% LSD	3506.5		2.9	33.1	14.0		
C.V.	29.6		3.7	13.4	11.6		

TABLE: 275-V-82 TRIAL: EVT 14A:

YEAR: 1982 MEANS ACROSS 55 LOCATIONS

ENTRY NO. AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
4 ACROSS 7926	4550	Mezcla Amarilla	114	56	182
1 PIURA (1) 7926	4403	Mezcla Amarilla	111	57	183
2 ISLAMABAD (1) 7926	4353	Mezcla Amarilla	109	56	181
11 POZA RICA 8035	4279	Antigua-República Dominicana	108	56	174
3 SAAVEDRA 7926	4205	Mezcla Amarilla	106	57	182
10 ISLAMABAD 8035	4204	Antigua-República Dominicana	106	55	173
12 SUWAN 8035	4170	Antigua-República Dominicana	105	56	181
9 ACROSS 7931	4150	Amarillo Cristalino 2	104	52	172
5 SETE LAGOAS 7931	4088	Amarillo Cristalino 2	103	52	176
6 PICHILINGUE 7931	4034	Amarillo Cristalino 2	101	52	170
7 SATIPO (1) 7931	3999	Amarillo Cristalino 2	101	52	173
13 ACROSS 7726 RE	3979	Mezcla Amarilla	100	59	187
8 SATIPO (2) 7931	3839	Amarillo Cristalino 2	96	52	167
14 ACROSS 7635 RE	3776	Antigua-República Dominicana	95	56	173

TABLE: 276-V-82

EVT 14B: YEAR 1982 MEXICO NAYARIT(INIA)

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	CURV	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM	MOIST %
2 FERKE (1) 8023	5498	136	65	192	107	3.6	9.4	7.9	2.0	41.5	2.3	6.5	2.5	118.0	23.5
14 LOS DIAMANTES 7823RE	5387	133	65	199	109	1.7	13.3	6.5	2.3	40.5	3.0	7.0	4.0	117.5	21.3
5 ACROSS 8023	5384	133	65	183	99	3.2	9.4	7.3	2.0	35.5	2.8	7.0	3.0	87.0	21.5
10 ALAJUELA 8032	5298	131	65	175	89	7.2	13.5	6.9	2.3	36.5	2.8	5.0	3.0	116.3	22.3
11 COTAXTLA 8032	5255	130	66	176	86	5.3	11.4	5.7	2.0	41.5	3.0	5.0	3.3	115.8	23.0
9 POZA RICA 8032	5184	128	65	162	94	2.9	10.4	7.0	2.0	38.3	3.8	3.5	3.0	116.8	23.0
1 POZA RICA 8023	5128	127	64	193	104	7.5	10.3	9.6	2.3	42.3	2.8	7.0	2.8	117.0	24.5
3 PIRSABAK 8023	5106	127	63	195	107	8.2	13.7	5.4	2.3	39.8	2.5	9.0	4.0	117.3	20.5
12 MEXICO 8049	4997	124	61	138	67	1.1	2.8	8.8	2.0	41.5	4.3	4.5	2.5	111.8	20.5
4 MARACAY 8023	4572	113	63	175	94	3.7	9.6	7.3	2.3	38.0	2.5	7.8	3.0	115.3	22.3
8 ACROSS 7930	4404	109	57	189	97	12.6	25.5	4.9	2.5	39.5	3.0	5.3	4.0	107.5	15.8
13 PIRSABAK (1) 7930 RE	4370	108	58	168	84	4.8	17.3	12.5	2.5	38.5	4.0	5.3	4.0	108.8	18.0
7 KISANGA 7930	4062	101	57	173	81	4.4	8.9	12.6	2.3	39.0	4.0	11.8	3.3	106.3	17.0
6 ILONGA (1) 7930	3900	97	56	174	101	9.1	17.9	12.2	2.5	40.5	3.8	9.8	4.8	107.0	17.0
MEANS	4896	121	62	178	94	5.4	12.4	8.2	2.2	39.5	3.2	6.7	3.4	111.6	20.7
MAXIMUM	5498	136	66	199	109	12.6	25.5	12.6	2.5	42.3	4.3	11.8	4.8	118.0	24.5
MINIMUM	3900	97	56	138	67	1.1	2.8	4.9	2.0	35.5	2.3	3.5	2.5	87.0	15.8
CHECKS (TESTIGOS):															
15 V-424	4035	-	62	141	59	4.2	3.3	11.3	2.0	41.3	4.3	2.8	2.8	114.5	21.5
16 V-425	3868	-	62	163	89	7.4	11.9	11.0	2.3	34.0	3.5	4.0	3.3	114.5	20.3
17 PLANENO	2103	-	63	202	116	9.4	23.4	27.6	3.0	37.5	4.8	5.0	5.8	112.5	18.3
CHECK MEANS	3335	-	62	168	87	7.0	12.9	16.6	2.4	37.6	4.2	3.9	3.9	113.8	20.0
5% LSD	1319.0		1.6	20.6	19.7					8.4					
C.V.	20.1		1.8	8.2	14.9					15.2					

TABLE: 277-V-82

EVT 14B: YEAR 1982 MEXICO OBREGON(3)

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
5 ACROSS 8023	6244	114	68	193	103	4.3	82.4	5.4	40.0	3.0	13.9	7.0	1.1	28.0
2 FERKE (1) 8023	5726	104	68	196	116	1.3	84.8	6.6	40.8	2.8	8.2	7.5	1.0	29.8
4 MARACAY 8023	5498	100	65	184	109	4.2	82.1	5.3	39.8	2.8	15.2	7.5	1.0	27.4
14 LOS DIAMANTES 7823RE	5428	99	68	201	119	0.0	76.7	2.9	36.8	2.3	14.1	6.8	1.0	28.0
9 POZA RICA 8032	5295	96	71	190	106	2.8	64.9	7.4	37.5	2.8	8.6	5.3	0.9	34.0
3 PIRSABAK 8023	5197	95	67	195	116	1.7	74.6	6.0	42.0	3.0	13.8	7.8	1.0	25.9
11 COTAXTLA 8032	5185	94	70	196	99	1.2	61.9	7.6	40.5	2.5	5.6	7.5	1.0	33.4
1 POZA RICA 8023	5140	93	70	189	108	1.1	51.4	8.7	38.8	3.0	15.2	6.0	1.0	29.4
10 ALAJUELA 8032	5073	92	74	186	101	0.6	76.3	11.9	39.8	3.0	4.3	7.0	1.0	31.6
12 MEXICO 8049	5033	92	62	156	83	11.9	42.8	1.9	37.5	2.3	9.8	5.3	1.0	24.2
8 ACROSS 7930	5001	91	62	180	104	4.4	84.3	5.8	38.8	2.8	3.2	8.0	1.1	22.8
13 PIRSABAK (1) 7930 RE	4877	89	62	184	98	7.8	61.7	9.5	39.0	3.5	3.9	8.0	1.0	22.9
7 KISANGA 7930	4715	86	63	194	111	3.0	70.4	6.0	40.0	3.5	12.3	7.0	1.0	22.6
6 ILONGA (1) 7930	4628	84	62	180	101	6.4	54.6	8.8	42.3	4.0	5.4	8.3	1.0	23.0
MEANS	5217	95	66	187	105	3.6	69.2	6.7	39.5	2.9	9.5	7.1	1.0	27.3
MAXIMUM	6244	114	74	201	119	11.9	84.8	11.9	42.3	4.0	15.2	8.3	1.1	34.0
MINIMUM	4628	84	62	156	83	0.0	42.8	1.9	36.8	2.3	3.2	5.3	0.9	22.6
CHECKS (TESTIGOS):														
16 V-425 (POOL 19)	5499	-	64	205	119	5.3	70.8	6.9	42.0	2.8	11.9	6.5	0.9	28.4
17 H-419	5015	-	70	203	124	9.1	64.7	18.2	41.8	3.8	10.3	7.5	1.0	25.5
15 V-424 (BD-2)	4011	-	62	164	90	5.3	53.9	7.7	26.5	2.8	8.9	6.3	1.2	26.6
CHECK MEANS	4842	-	65	190	110	6.6	63.2	11.0	36.8	3.1	10.4	6.8	1.1	26.8
5% LSD	810.5		3.0	20.8	18.4				4.9					3.7
C. V.	11.1		3.2	7.8	12.2				8.8					9.5

TABLE: 278-V-82

EVT 14B: YEAR 1982 BOLIVIA IBOPERENDA

CO-OPERATOR: ALBERTO HINOJOSA PADILLA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
10 ALAJUELA 8032	8817	99	61	263	141	2.6	0.6	0.6	39.5	1.0	1.1	23.6
7 KISANGA 7930	8446	95	52	228	124	2.5	0.0	2.2	39.8	1.8	1.1	23.4
3 PIRSABAK 8023	7995	90	61	218	115	4.2	0.0	4.4	41.8	1.3	1.1	24.4
14 LOS DIAMANTES 7823RE	7766	87	60	228	121	1.2	0.7	4.8	39.8	1.0	1.2	23.0
2 FERKE (1) 8023	7731	87	62	235	126	1.2	0.0	4.1	40.8	1.0	1.1	24.9
11 COTAXTLA 8032	7573	85	61	240	138	3.7	0.0	2.3	42.3	1.0	1.0	24.1
4 MARACAY 8023	7542	85	60	220	113	2.3	0.0	3.8	41.8	1.0	1.1	25.1
9 POZA RICA 8032	7428	83	62	243	130	0.0	1.8	2.6	42.0	1.3	1.1	23.5
1 POZA RICA 8023	7309	82	61	240	128	0.0	0.0	5.7	40.5	1.5	1.1	24.6
5 ACROSS 8023	7176	81	60	228	131	2.8	0.6	4.8	39.8	1.5	1.1	25.9
12 MEXICO 8049	6917	78	59	215	93	3.0	0.0	1.1	41.3	1.3	1.1	24.0
8 ACROSS 7930	6563	74	53	220	123	1.3	0.0	4.2	41.3	1.5	1.0	22.4
6 ILONGA (1) 7930	6350	71	53	205	113	4.8	0.0	1.6	42.0	1.8	1.1	23.9
13 PIRSABAK (1) 7930 RE	5872	66	52	208	108	4.3	0.0	3.7	40.8	1.8	1.0	21.7
MEANS	7392	83	58	228	122	2.4	0.3	3.3	40.9	1.3	1.1	23.9
MAXIMUM	8817	99	62	263	141	4.8	1.8	5.7	42.3	1.8	1.2	25.9
MINIMUM	5872	66	52	205	93	0.0	0.0	0.6	39.5	1.0	1.0	21.7
CHECKS (TESTIGOS):												
17 LA POSTA	8914	-	67	278	163	1.9	0.0	1.9	35.8	1.3	1.2	24.7
16 ETO BLANCO	7599	-	61	255	143	2.9	0.7	2.5	37.0	1.3	1.1	23.4
15 TUXP. P.B.	7105	-	63	248	131	0.0	1.4	2.0	34.0	1.5	1.1	26.1
CHECK MEANS	7873	-	63	260	145	1.6	0.7	2.1	35.6	1.3	1.1	24.7
5% LSD	1693.8		1.4	28.3	16.3				4.3			2.6
C.V.	15.9		1.6	8.5	9.1				7.5			7.5

TABLE: 279-V-82

EVT 14B: YEAR 1982 ANGOLA CHIANGO

CO-OPERATOR: FERNANDO MARCELINO

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM TURC	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
5 ACROSS 8023	6963	95	79	201	104	7.5	2.8	9.0	2.5	1.4	36.3	2.3	54.0	2.3	15.7
10 ALAJUELA 8032	6891	94	80	209	128	14.0	2.8	9.6	1.3	2.1	34.8	2.5	24.5	2.8	18.3
9 POZA RICA 8032	6754	92	79	204	113	11.9	1.9	13.6	1.8	0.7	35.5	2.8	27.7	2.5	18.5
4 MARACAY 8023	6302	86	76	194	95	9.0	2.9	10.8	2.0	1.6	35.5	2.8	47.0	3.0	15.3
2 FERKE (1) 8023	6173	84	79	206	109	5.6	2.3	7.2	1.0	0.0	34.8	2.8	41.4	2.8	16.5
1 POZA RICA 8023	5948	81	80	198	96	8.1	2.2	8.3	2.3	1.5	34.0	2.3	45.0	2.8	16.5
11 COTAXTLA 8032	5761	78	79	219	113	9.9	0.8	11.7	1.5	5.1	33.5	2.8	17.9	2.8	16.1
12 MEXICO 8049	5168	70	74	163	78	2.4	1.7	11.1	1.3	0.8	30.3	3.0	26.5	3.8	14.6
3 PIRSABAK 8023	4909	67	78	191	104	7.9	1.3	10.6	2.0	0.0	38.0	2.8	59.6	2.3	14.5
7 KISANGA 7930	4870	66	67	183	88	7.7	4.7	5.8	1.5	0.7	34.3	2.5	38.4	3.3	13.1
8 ACROSS 7930	4597	63	68	170	94	20.8	1.5	9.9	2.3	0.0	33.0	2.5	30.1	4.3	13.4
13 PIRSABAK (1) 7930 RE	4544	62	70	169	74	7.8	3.8	8.7	1.8	1.0	32.0	3.0	25.0	4.0	13.1
14 LOS DIAMANTES 7823RE	4529	62	80	186	95	10.2	5.5	6.9	2.0	1.1	25.3	2.8	45.8	3.8	15.2
6 ILONGA (1) 7930	4246	58	68	176	74	14.7	7.1	9.2	2.0	0.7	35.8	3.0	31.4	4.5	13.3
MEANS	5547	76	76	191	97	9.8	2.9	9.5	1.8	1.2	33.8	2.7	36.7	3.2	15.3
MAXIMUM	6963	95	80	219	128	20.8	7.1	13.6	2.5	5.1	38.0	3.0	59.6	4.5	18.5
MINIMUM	4246	58	67	163	74	2.4	0.8	5.8	1.0	0.0	25.3	2.3	17.9	2.3	13.1
CHECKS (TESTIGOS):															
17 H1CA2	7345	-	79	234	148	14.5	2.8	10.9	1.3	4.8	34.8	2.8	44.2	3.5	16.5
16 SAM3	6399	-	83	253	171	12.2	7.6	5.6	1.0	4.2	28.5	2.8	51.8	3.8	17.9
15 BRANCO REDONDO	5083	-	84	233	161	5.2	9.5	3.9	1.0	1.7	30.8	2.3	40.4	3.5	17.1
CHECK MEANS	6276	-	81	239	160	10.6	6.6	6.8	1.1	3.5	31.3	2.6	45.5	3.6	17.2
5% LSD	1030.7		2.3	21.9	21.2						4.9				
C.V.	12.8		2.1	7.7	13.8						10.4				

TABLE: 280-V-82

EVT 14B: YEAR 1982 LIBERIA SUAKOKO

CO-OPERATOR:

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	Hypochnus sasakii %	STEM LODG	ROOT LODG	%EAR ROT	Cercospora leaf spot 1-5 SCL	Water soaked lesion 1-5 SCL	HUSK COVER	PLANTS HARV	EAR ASPCT	MOIST %
5 ACROSS 8023	2198	156	71	128	50	7.2	14.1	19.3	7.2	0.6	0.8	2.5	25.3	2.5	20.1
14 LOS DIAMANTES 7823RE	2038	145	71	136	56	1.5	3.8	7.3	7.2	0.6	1.0	2.0	30.5	2.3	22.0
1 POZA RICA 8023	1941	138	71	123	48	1.6	4.1	9.0	9.7	0.8	1.1	1.0	27.5	2.5	21.2
10 ALAJUELA 8032	1928	137	71	118	45	5.4	5.7	5.7	6.9	1.0	0.8	1.5	25.0	2.3	22.2
4 MARACAY 8023	1911	136	70	112	44	4.7	10.5	15.1	3.9	1.1	0.8	1.5	31.5	2.0	23.0
3 PIRSABAK 8023	1685	120	71	120	53	7.4	15.5	19.4	6.0	0.9	0.6	1.8	29.0	3.3	21.3
2 FERKE (1) 8023	1532	109	74	107	41	7.0	8.1	8.2	6.2	1.1	0.6	1.8	25.3	3.3	24.8
7 KISANGA 7930	1388	99	62	118	43	4.1	22.9	14.7	4.8	0.5	1.0	1.8	26.8	3.3	17.5
12 MEXICO 8049	1368	97	64	85	27	20.0	9.5	27.7	11.1	1.6	0.5	1.5	23.0	3.3	20.0
6 ILONGA (1) 7930	1348	96	60	113	41	1.6	5.6	17.4	5.7	0.5	0.5	2.3	25.5	3.8	19.8
11 COTAXTLA 8032	1341	95	69	112	38	12.2	12.8	9.7	10.8	0.8	0.6	3.3	22.0	3.8	18.5
13 PIRSABAK (1) 7930 RE	1235	88	63	101	34	5.3	10.6	16.6	6.1	0.6	1.1	1.5	27.0	3.8	18.7
9 POZA RICA 8032	1091	77	72	105	36	7.7	10.4	18.9	11.1	1.6	0.8	1.8	22.5	3.8	20.2
8 ACROSS 7930	1034	73	62	104	37	4.1	9.7	15.0	7.8	0.4	0.6	1.5	25.5	3.5	17.2
MEANS	1574	112	68	113	42	6.4	10.2	14.6	7.[illegible]	0.9	0.8	1.8	26.2	3.1	20.5
MAXIMUM	2198	156	74	136	56	20.0	22.9	27.7	11.1	1.6	1.1	3.3	31.5	3.8	24.8
MINIMUM	1034	73	60	85	27	1.5	3.8	5.7	3.9	0.4	0.5	1.0	22.0	2.0	17.2
CHECKS (TESTIGOS):															
15 LOCAL CHECK 1	1409	-	82	140	70	0.0	5.2	7.0	6.3	1.9	2.1	2.0	24.8	2.0	23.0
17 LOCAL CHECK 3	1396	-	83	131	51	0.0	10.0	2.5	8.9	1.0	1.1	1.3	11.8	3.5	23.7
16 LOCAL CHECK 2	1109	-	89	175	92	0.0	0.0	0.0	5.0	2.5	1.4	1.8	20.0	2.3	19.0
CHECK MEANS	1305	-	84	148	71	0.0	5.1	3.2	6.7	1.8	1.5	1.7	18.8	2.6	21.9
5% LSD	818.8		5.6	19.1	15.7								8.0		
C.V.	37.7		5.6	11.3	23.3								22.7		

TABLE: 281-V-82

EVT 14B: YEAR 1982 MALAWI BAKA

CO-OPERATOR: WQ. NHLANE

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PUCC SORG	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	PLNTS GERM	MOIST %
5 ACROSS 8023	5192	95	51	231	109	5.8	0.6	1.5	3.0	43.3	2.0	2.9	1.3	83.8	27.9
4 MARACAY 8023	5109	93	48	237	95	8.7	4.7	2.5	2.0	43.0	1.0	2.3	1.3	87.0	21.3
1 POZA RICA 8023	5028	92	55	224	111	7.2	0.6	1.0	2.0	42.8	2.0	4.1	1.5	79.8	21.3
10 ALAJUELA 8032	4918	90	56	249	114	11.7	4.7	1.0	2.0	43.0	2.0	3.5	1.3	78.8	22.2
3 PIRSABAK 8023	4792	87	54	228	120	10.1	4.9	1.3	2.8	42.8	1.5	4.7	1.5	84.0	21.8
14 LOS DIAMANTES 7823RE	4754	87	51	233	115	25.1	9.9	1.0	2.8	42.8	1.8	3.5	1.5	74.3	21.9
2 FERKE (1) 8023	4648	85	52	231	109	10.1	3.7	1.0	2.5	43.3	2.0	2.3	2.0	84.8	21.3
13 PIRSABAK (1) 7930 RE	4447	81	45	194	91	12.8	6.1	1.0	2.5	39.5	2.0	4.5	3.3	83.8	24.3
7 KISANGA 7930	4429	81	42	201	97	12.9	2.9	1.0	2.5	42.8	1.5	5.2	2.5	87.0	22.5
9 POZA RICA 8032	4404	80	55	236	122	15.8	5.9	1.0	2.0	43.0	2.0	4.0	1.8	86.8	27.5
11 COTAXTLA 8032	4307	78	53	223	115	11.2	4.8	1.0	2.5	41.8	1.5	2.4	1.8	87.3	20.6
12 MEXICO 8049	4123	75	45	159	72	9.6	12.6	1.3	2.3	41.0	1.3	4.3	1.3	83.8	27.8
6 ILONGA (1) 7930	3892	71	42	217	92	16.0	5.0	1.3	2.3	44.8	2.5	2.8	2.3	84.0	23.1
8 ACROSS 7930	3885	71	42	240	98	13.0	4.1	1.0	2.3	41.5	2.5	3.0	2.3	80.3	24.6
MEANS	4566	83	49	222	104	12.1	5.0	1.2	2.4	42.5	1.8	3.5	1.8	83.2	23.4
MAXIMUM	5192	95	56	249	122	25.1	12.6	2.5	3.0	44.8	2.5	5.2	3.3	87.3	27.9
MINIMUM	3885	71	42	159	72	5.8	0.6	1.0	2.0	39.5	1.0	2.3	1.3	74.3	20.6
CHECKS (TESTIGOS):															
16 CXH67	5494	-	48	264	112	25.2	12.3	1.8	2.5	38.5	2.0	2.6	1.5	77.5	20.3
15 CCC	5300	-	53	251	126	27.5	14.9	1.8	2.5	43.5	1.3	2.3	1.8	83.0	21.6
17 PNR95	4893	-	54	243	130	15.5	4.3	2.5	2.3	36.5	1.0	3.1	2.0	82.8	19.9
CHECK MEANS	5229	-	51	252	122	22.7	10.5	2.0	2.4	39.5	1.4	2.7	1.8	81.1	20.6
5% LSD	1522.0			39.8	16.0					4.9					
C.V.	22.9			12.3	10.5					8.2					

TABLE: 282-V-82

EVT 14B: YEAR 1982 MALAWI CHITALA

CO-OPERATOR: WG. NHLANE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
9 POZA RICA 8032	4760	79	50	243	93	2.8	18.2	0.0	40.8	3.3	2.5	3.5	1.0	20.2
1 POZA RICA 8023	4759	79	47	230	86	1.7	3.6	0.0	40.8	3.0	7.4	2.8	1.1	17.9
5 ACROSS 8023	4728	79	49	236	91	2.4	9.4	0.0	39.3	3.3	13.4	3.5	1.1	17.5
10 ALAJUELA 8032	4554	76	50	236	98	6.2	21.0	0.0	40.3	3.3	7.5	2.8	0.9	17.4
3 PIRSABAK 8023	4527	75	47	233	90	1.2	10.7	0.6	42.3	3.5	17.6	3.5	1.0	16.8
4 MARACAY 8023	4438	74	47	234	89	5.5	4.9	0.5	41.3	3.5	13.3	3.8	1.0	18.2
2 FERKE (1) 8023	4359	73	50	249	97	6.4	18.0	0.6	40.0	3.0	7.7	2.0	1.0	18.2
8 ACROSS 7930	4350	72	43	228	83	8.3	16.1	0.0	39.8	3.5	11.1	3.3	1.0	15.3
14 LOS DIAMANTES 7823RE	4333	72	47	244	99	2.9	23.8	0.0	34.3	3.0	20.4	3.8	1.1	15.6
13 PIRSABAK (1) 7930 RE	4315	72	41	224	80	9.7	35.9	0.7	40.0	4.0	12.2	3.8	1.1	14.8
11 COTAXTLA 8032	4270	71	50	233	96	8.8	13.2	0.0	38.3	2.8	5.9	4.0	1.1	20.5
7 KISANGA 7930	4248	71	40	231	83	9.7	39.0	0.0	37.3	3.8	24.3	3.8	1.1	15.3
12 MEXICO 8049	4129	69	47	190	63	9.8	24.5	0.0	41.0	4.0	8.0	2.8	1.0	15.7
6 ILONGA (1) 7930	3966	66	40	216	82	14.2	19.2	1.2	38.8	3.8	15.1	4.0	1.1	15.3
MEANS	4410	73	46	230	88	6.4	18.4	0.3	39.6	3.4	11.9	3.4	1.0	17.0
MAXIMUM	4760	79	50	249	99	14.2	39.0	1.2	42.3	4.0	24.3	4.0	1.1	20.5
MINIMUM	3966	66	40	190	63	1.2	3.6	0.0	34.3	2.8	2.5	2.0	0.9	14.8
CHECKS (TESTIGOS):														
16 CXH67	6006	-	47	277	112	4.2	7.6	0.0	42.3	1.8	0.6	1.5	1.0	16.4
15 CCC	5559	-	48	260	115	4.2	7.2	1.7	41.5	2.8	7.8	3.5	1.0	19.2
17 PNR95	5331	-	47	264	112	4.8	12.1	0.6	41.3	3.3	17.5	3.5	1.0	18.5
CHECK MEANS	5632	-	47	266	112	4.4	9.0	0.8	41.7	2.6	8.6	2.8	1.0	18.0
5% LSD	585.5		2.1	12.4	9.4				3.7					1.2
C.V.	8.9		3.1	3.7	7.2				6.5					4.9

TABLE: 283-V-82

EVT 14B: YEAR 1982 MOZAMBIQUE CHOKWE

CO-OPERATOR: EUJENIA NHUZ

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
7 KISANGA 7930	2099	102	163	80	8.7	28.4	20.3	3.8	1.3	19.0
13 PIRSABAK (1) 7930 RE	2044	99	153	70	9.7	20.1	19.8	3.5	1.4	15.7
14 LOS DIAMANTES 7823RE	1996	97	150	73	7.9	28.1	19.8	3.0	1.3	15.4
9 POZA RICA 8032	1853	90	155	70	18.3	22.5	17.5	3.5	1.4	17.0
5 ACROSS 8023	1731	84	153	63	17.2	53.3	16.8	3.3	1.5	15.6
11 COTAXTLA 8032	1694	82	145	70	18.5	37.8	17.0	3.8	1.1	15.9
4 MARACAY 8023	1668	81	148	55	18.2	27.6	15.5	3.5	1.5	15.3
12 MEXICO 8049	1653	80	163	78	3.6	54.6	16.5	3.5	1.2	15.8
6 ILONGA (1) 7930	1635	79	165	75	11.9	23.7	17.0	3.0	1.4	15.6
2 FERKE (1) 8023	1620	79	143	65	19.9	29.3	17.3	3.3	1.3	14.6
1 POZA RICA 8023	1567	76	158	70	7.5	26.7	17.8	3.3	1.3	17.7
10 ALAJUELA 8032	1496	73	135	53	6.0	31.1	16.5	3.0	1.5	16.4
3 PIRSABAK 8023	1470	71	143	65	4.5	19.4	17.5	3.5	1.3	15.5
8 ACROSS 7930	1412	69	140	58	4.7	29.1	16.0	3.0	1.3	14.7
MEANS	1710	83	151	67	11.2	30.8	17.5	3.3	1.3	16.0
MAXIMUM	2099	102	165	80	19.9	54.6	20.3	3.8	1.5	19.0
MINIMUM	1412	69	135	53	3.6	19.4	15.5	3.0	1.1	14.6
CHECKS (TESTIGOS):										
16 VAR2 (MUKULU)	2061	-	160	78	4.7	18.7	17.8	3.8	1.4	19.5
17 VAR1 (MANICA)	1821	-	140	60	11.2	34.8	15.3	3.3	1.4	14.5
15 KALAHARI	1437	-	158	75	12.3	19.5	17.0	3.3	1.4	16.1
CHECK MEANS	1773	-	152	70	9.4	24.3	16.7	3.4	1.4	16.7
5% LSD	788.4		26.8	25.8			4.2			3.6
C.V.	32.2		12.5	26.7			17.0			15.6

TABLE: 284-V-82

EVT 14B: YEAR 1982 MOZAMBIQUE LIOMA

CO-OPERATOR: S. HOEKSTRA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
11 COTAXTLA 8032	3697	108	58	33.6	0.0	1.0	42.5	3.0	1.1	17.5
12 MEXICO 8049	3390	99	55	22.3	0.6	0.6	40.8	3.3	1.0	16.1
2 FERKE (1) 8023	3155	92	59	17.7	0.0	0.0	43.0	3.5	1.1	16.9
5 ACROSS 8023	3102	90	59	32.0	0.0	0.5	42.8	4.0	1.0	17.0
9 POZA RICA 8032	3019	88	60	32.4	0.0	0.6	41.8	3.5	1.1	17.3
10 ALAJUELA 8032	2804	82	61	17.2	0.0	1.8	44.3	4.5	1.0	17.3
4 MARACAY 8023	2680	78	58	47.0	2.4	0.0	41.3	4.0	1.1	16.6
3 PIRSABAK 8023	2507	73	56	19.4	0.6	0.0	43.3	4.5	1.0	16.4
1 POZA RICA 8023	2342	68	60	17.3	0.6	0.6	42.3	4.5	1.1	17.0
14 LOS DIAMANTES 7823RE	2179	63	60	20.0	0.0	1.1	40.0	4.0	1.1	16.9
6 ILONGA (1) 7930	1755	51	54	58.7	2.5	1.6	37.3	4.5	0.8	15.8
8 ACROSS 7930	1634	48	55	58.8	1.8	0.6	42.0	4.8	0.9	15.7
13 PIRSABAK (1) 7930 RE	1633	48	52	62.9	0.0	1.5	40.8	4.5	0.8	15.8
7 KISANGA 7930	1181	34	56	47.4	1.3	0.8	40.5	4.8	0.8	15.6
MEANS	2506	73	57	34.8	0.7	0.8	41.6	4.1	1.0	16.6
MAXIMUM	3697	108	61	62.9	2.5	1.8	44.3	4.8	1.1	17.5
MINIMUM	1181	34	52	17.2	0.0	0.0	37.3	3.0	0.8	15.6
CHECKS (TESTIGOS):										
17 MUCULU	3433	-	59	35.0	1.2	1.1	43.0	4.0	1.0	18.1
16 MANICA	3009	-	60	40.6	0.6	0.0	41.3	3.0	1.1	16.5
15 KALAHARI	2865	-	59	35.9	1.6	1.1	42.5	4.3	1.0	17.2
CHECK MEANS	3102	-	59	37.2	1.1	0.7	42.3	3.8	1.0	17.3
5% LSD	924.0		4.3				3.8			0.9
C.V.	24.9		5.3				6.4			3.9

TABLE: 285-V-82

EVT 14B: YEAR 1982 MOZAMBIQUE NAMAPA

CO-OPERATOR: YENS PEDERSEN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	HELM TURC	PLANTS HARV	EAR ASPCT	EAR BORER	EARS/ PLNT	MOIST %
2 FERKE (1) 8023	3491	94	47	203	83	2.3	6.8	2.0	22.0	4.0	1.3	1.2	23.0
1 POZA RICA 8023	3387	91	46	183	80	2.4	15.0	2.0	22.0	2.5	1.5	1.4	21.9
5 ACROSS 8023	3354	91	47	198	83	3.7	21.5	2.0	21.8	2.3	1.0	1.4	21.6
4 MARACAY 8023	3213	87	46	183	73	0.0	9.2	2.3	22.0	2.3	1.3	1.3	21.2
10 ALAJUELA 8032	3131	85	48	193	88	1.3	7.9	3.0	22.0	3.3	1.8	1.3	23.7
6 ILONGA (1) 7930	3089	83	41	183	75	0.0	10.1	2.5	22.3	2.0	1.3	1.4	19.2
9 POZA RICA 8032	3044	82	49	175	78	1.1	24.6	2.8	20.3	3.0	1.8	1.3	24.2
14 LOS DIAMANTES 7823RE	3022	82	49	178	73	0.0	14.1	2.3	20.8	2.0	1.8	1.3	22.0
11 COTAXTLA 8032	2982	80	48	185	73	5.1	12.7	2.8	20.3	3.3	1.3	1.4	24.2
3 PIRSABAK 8023	2965	80	48	183	80	2.9	13.9	2.0	21.8	2.0	1.3	1.3	21.9
12 MEXICO 8049	2908	78	44	158	63	0.0	41.8	2.3	20.5	3.3	1.0	1.2	20.9
13 PIRSABAK (1) 7930 RE	2592	70	43	178	73	0.0	24.3	2.5	21.0	2.3	1.8	1.2	18.8
8 ACROSS 7930	2573	69	43	183	75	1.5	22.0	2.0	19.0	2.3	1.5	1.3	18.6
7 KISANGA 7930	2497	67	43	183	73	1.1	18.9	2.3	20.5	2.3	1.8	1.2	18.7
MEANS	3018	81	46	183	76	1.5	17.3	2.3	21.1	2.6	1.4	1.3	21.4
MAXIMUM	3491	94	49	203	88	5.1	41.8	3.0	22.3	4.0	1.8	1.4	24.2
MINIMUM	2497	67	41	158	63	0.0	6.8	2.0	19.0	2.0	1.0	1.2	18.6
CHECKS (TESTIGOS):													
15 KALAHARI	3705	-	47	190	90	4.0	21.4	3.0	21.5	3.0	2.0	1.2	20.3
16 VAR2	3098	-	50	190	88	2.4	20.4	2.8	20.3	3.5	1.3	1.3	22.8
17 VAR1	2876	-	51	188	73	0.0	24.6	3.0	18.5	3.3	1.8	1.2	26.9
CHECK MEANS	3226	-	49	189	83	2.1	22.1	2.9	20.1	3.3	1.7	1.2	23.3
5% LSD	654.6		2.7	24.9	17.2				3.0				1.3
C.V.	15.1		4.1	9.5	15.7				10.0				4.3

TABLE: 286-V-82

EVT 14B: YEAR 1982 REP. S. AFRICA POTCHEFSTROOM

CO-OPERATOR: DR. A. P. FOURIE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	SMUT %	SHELLING %	EARS/ PLNT	MOIST %
7 KISANGA 7930	3215	91	69	206	79	2.6	0.0	2.6	37.8	7.3	1.9	79.1	1.3	11.9
13 PIRSABAK (1) 7930 RE	3140	89	70	204	77	2.6	0.0	0.0	38.5	4.5	1.3	82.0	1.3	11.9
3 PIRSABAK 8023	2807	79	76	208	92	5.7	0.6	0.0	38.8	0.0	2.6	80.6	1.2	12.9
8 ACROSS 7930	2802	79	70	204	76	13.1	0.6	1.4	40.0	2.5	2.5	79.5	1.2	11.9
6 ILONGA (1) 7930	2761	78	69	190	78	10.0	0.0	0.0	37.8	0.0	2.0	80.9	1.3	12.4
4 MARACAY 8023	2727	77	76	212	90	0.7	0.6	1.6	37.8	1.3	0.0	79.9	1.2	14.3
12 MEXICO 8049	2658	75	75	186	83	7.4	0.0	0.0	38.3	1.3	0.0	83.2	1.1	12.8
2 FERKE (1) 8023	2577	73	77	221	93	3.2	0.0	2.6	38.3	0.7	3.2	80.0	1.1	15.0
9 POZA RICA 8032	2477	70	77	219	81	6.4	0.6	1.7	39.0	0.0	1.9	79.8	1.1	14.7
11 COTAXTLA 8032	2425	68	76	214	87	6.8	0.0	1.5	36.5	0.0	1.4	79.5	1.2	16.9
14 LOS DIAMANTES 7823RE	2284	64	76	210	93	10.0	0.6	3.6	39.0	2.6	2.5	80.1	1.0	13.5
1 POZA RICA 8023	2109	60	77	214	88	3.4	0.0	1.9	37.3	0.0	0.6	77.0	1.0	13.7
5 ACROSS 8023	2001	56	77	241	86	3.3	0.0	0.0	38.3	3.9	0.7	78.8	1.0	15.9
10 ALAJUELA 8032	1903	54	79	209	91	4.4	0.0	0.7	39.0	2.6	0.6	81.4	1.0	16.3
MEANS	2563	72	75	210	85	5.7	0.2	1.3	38.3	1.9	1.5	80.1	1.2	13.9
MAXIMUM	3215	91	79	241	93	13.1	0.6	3.6	40.0	7.3	3.2	83.2	1.3	16.9
MINIMUM	1903	54	69	186	76	0.7	0.0	0.0	36.5	0.0	0.0	77.0	1.0	11.9
CHECKS (TESTIGOS):														
16 PNR 473	3542	-	73	196	84	7.0	0.0	5.6	39.3	0.0	0.0	83.3	1.3	13.5
17 A471W	3496	-	71	194	76	5.7	0.6	1.9	39.5	0.0	0.0	82.1	1.3	12.1
15 TX9	2411	-	75	229	93	11.3	0.0	3.6	39.5	2.0	1.3	87.5	0.8	16.1
CHECK MEANS	3150	-	72	206	84	8.0	0.2	3.7	39.4	0.7	0.4	84.3	1.1	13.9
5% LSD	691.2		1.1	17.8	11.4				2.1					0.0
C.V.	18.2		1.1	6.0	9.4				3.8					0.0

TABLE: 287-V-82

EVT 14B: YEAR 1982 TANZANIA ILONGA

CO-OPERATOR: NATIONAL MAIZE RESEARCH PROGRAM

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	STREAK %	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
5 ACROSS 8023	4728	180	58	172	84	3.2	0.5	47.5	39.8	1.5	1.0	84.3	1.0	18.7
2 FERKE (1) 8023	4589	175	58	180	89	4.2	2.9	44.9	42.3	1.8	1.8	86.3	1.0	18.1
12 MEXICO 8049	4586	175	54	137	61	7.1	1.8	38.7	42.3	3.0	1.0	85.8	1.0	17.1
3 PIRSABAK 8023	4466	170	57	169	83	2.4	1.2	40.1	42.0	1.8	1.8	82.5	0.9	18.4
8 ACROSS 7930	4348	166	51	162	80	5.5	4.3	26.3	40.8	3.3	1.5	84.3	1.0	21.0
14 LOS DIAMANTES 7823RE	4338	165	60	180	94	7.0	3.8	50.3	39.0	1.5	1.5	82.3	1.0	18.6
9 POZA RICA 8032	4245	162	60	169	85	5.2	5.1	39.1	42.8	2.5	1.3	84.5	0.9	19.2
6 ILONGA (1) 7930	4217	161	49	169	78	3.7	0.7	40.3	40.0	1.8	2.5	80.3	1.0	21.4
4 MARACAY 8023	4193	160	57	166	84	4.0	5.5	37.4	43.5	1.8	1.3	86.8	0.9	19.2
1 POZA RICA 8023	4127	157	59	168	89	4.2	2.9	43.1	41.3	2.3	2.0	81.5	0.9	18.6
10 ALAJUELA 8032	4010	153	59	171	91	10.3	6.3	57.7	40.3	2.5	2.0	83.3	0.9	19.7
11 COTAXTLA 8032	3971	151	59	175	86	4.9	1.9	48.7	40.3	2.3	1.8	84.0	0.9	19.5
13 PIRSABAK (1) 7930 RE	3569	136	51	157	69	5.6	2.5	35.7	39.5	2.8	2.0	79.8	1.0	19.8
7 KISANGA 7930	3216	122	52	161	75	5.7	4.0	43.8	37.8	3.0	2.3	81.5	1.0	21.6
MEANS	4186	159	56	167	82	5.2	3.1	42.4	40.8	2.3	1.7	83.3	1.0	19.4
MAXIMUM	4728	180	60	180	94	10.3	6.3	57.7	43.5	3.3	2.5	86.8	1.0	21.6
MINIMUM	3216	122	49	137	61	2.4	0.5	26.3	37.8	1.5	1.0	79.8	0.9	17.1
CHECKS (TESTIGOS):														
16 EV 8188	2626	-	47	149	62	12.9	2.5	31.9	35.3	3.0	2.3	76.0	1.1	18.8
15 KATUMANI	2128	-	51	168	80	24.6	8.4	33.1	29.5	4.0	3.5	62.0	0.9	20.7
17 EV 7982	1459	-	56	165	74	15.4	20.0	32.4	29.8	4.8	3.0	60.0	0.8	21.7
CHECK MEANS	2071	-	51	160	72	17.7	10.3	32.5	31.5	3.9	2.9	66.0	0.9	20.4
5% LSD	762.8		3.0	13.0	10.6				4.8					1.9
C.V.	14.1		3.8	5.5	9.3				8.6					6.7

TABLE: 288-V-82

EVT 14B: YEAR 1982 TOGO OJAMA KOPE

CO-OPERATOR: F. MOREAU

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H.C.	EARS/ PLNT	MOIST %
1 POZA RICA 8023	4950	115	46	161	78	2.4	2.4	3.3	42.0	19.7	0.9	28.3
8 ACROSS 7930	4801	111	43	177	73	6.7	2.8	2.1	44.3	12.5	0.9	28.4
12 MEXICO 8049	4702	109	44	146	65	0.6	0.0	1.9	44.3	9.6	0.9	28.3
3 PIRSABAK 8023	4665	108	47	167	88	2.8	7.2	2.6	45.0	29.8	0.8	28.6
2 FERKE (1) 8023	4634	107	49	177	88	3.0	3.6	3.4	39.0	21.8	1.0	28.5
5 ACROSS 8023	4497	104	46	177	92	3.5	4.6	3.1	43.3	18.5	0.9	28.4
11 COTAXTLA 8032	4155	96	48	158	79	2.9	5.9	2.0	42.0	10.8	0.9	28.6
14 LOS DIAMANTES 7823RE	4091	95	45	178	93	3.1	8.0	2.9	41.8	16.8	0.8	28.3
9 POZA RICA 8032	4054	94	46	169	86	2.4	2.8	2.7	43.5	8.3	0.9	28.6
10 ALAJUELA 8032	4037	93	46	176	92	6.1	5.8	2.9	41.3	15.2	0.8	28.5
13 PIRSABAK (1) 7930 RE	4026	93	42	160	78	5.2	6.0	2.0	43.0	12.3	0.9	28.0
4 MARACAY 8023	3987	92	46	159	77	1.7	4.4	8.6	44.8	25.8	0.8	28.3
7 KISANGA 7930	3953	92	42	170	83	6.4	2.9	4.4	43.0	34.8	0.8	27.8
6 ILONGA (1) 7930	3471	80	42	169	73	10.4	6.8	3.4	44.8	11.2	0.9	28.0
MEANS	4287	99	45	167	82	4.1	4.5	3.2	43.0	17.7	0.9	28.3
MAXIMUM	4950	115	49	178	93	10.4	8.0	8.6	45.0	34.8	1.0	28.6
MINIMUM	3471	80	42	146	65	0.6	0.0	1.9	39.0	8.3	0.8	27.8
CHECKS (TESTIGOS):												
16 KEPOLE	4318	-	53	255	148	9.6	4.9	0.7	40.5	3.8	0.9	29.3
17 LOCAL	2903	-	47	194	113	16.0	18.1	3.7	30.0	3.5	1.0	28.8
15 IRAT 10	2635	-	52	250	139	20.5	6.0	3.7	41.0	0.0	0.8	29.0
CHECK MEANS	3285	-	50	232	133	15.4	9.7	2.7	37.2	2.4	0.9	29.0
5% LSD	1062.3		3.4	34.1	17.3				3.1			0.3
C.V.	18.2		5.3	13.4	13.4				5.2			0.7

TABLE: 289-V-82

EVT 14B: YEAR 1982 TOGO SOTOUBOUA

CO-OPERATOR: SCHWIEBERT, WILFRIED

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	%BAD H. C.	PLNTS GERM	EARS/ PLNT	MOIST %
1 POZA RICA 8023	4996	111	51	261	93	38.5	35.8	259.8	0.9	13.0
3 PIRSABAK 8023	4463	99	51	251	98	39.3	46.2	266.0	0.7	12.1
12 MEXICO 8049	4339	96	48	208	75	38.5	16.4	233.5	1.0	11.6
2 FERKE (1) 8023	4300	95	50	240	108	38.8	27.1	265.3	0.9	12.8
13 PIRSABAK (1) 7930 RE	4252	94	46	230	85	40.3	21.8	260.5	1.0	12.8
11 COTAXTLA 8032	4221	94	52	255	114	40.0	10.0	260.0	0.9	15.7
9 POZA RICA 8032	4163	92	53	250	106	40.0	18.1	257.8	0.9	14.0
8 ACROSS 7930	4147	92	48	229	94	39.3	27.4	275.0	1.0	11.6
14 LOS DIAMANTES 7823RE	4135	92	52	258	125	38.5	40.7	243.3	1.0	12.6
7 KISANGA 7930	4066	90	47	240	105	39.3	39.5	252.5	1.0	11.8
4 MARACAY 8023	4019	89	50	243	96	39.3	18.4	257.8	0.9	13.7
5 ACROSS 8023	3977	88	51	251	115	39.3	35.7	259.5	0.9	12.9
6 ILONGA (1) 7930	3913	87	46	230	109	39.0	30.0	267.8	1.0	12.1
10 ALAJUELA 8032	3760	83	53	246	126	39.0	10.3	264.5	0.9	15.2
MEANS	4196	93	50	242	103	39.2	27.0	258.8	0.9	13.0
MAXIMUM	4996	111	53	261	126	40.3	46.2	275.0	1.0	15.7
MINIMUM	3760	83	46	208	75	38.5	10.0	233.5	0.7	11.6
CHECKS (TESTIQOS):										
15 LA POSTA	4513	-	54	336	204	37.0	8.9	283.3	0.9	14.4
17 NHA	3388	-	51	311	165	39.3	2.5	245.8	0.9	13.2
16 TSIVIE	2736	-	50	321	136	36.0	0.0	229.5	1.0	12.0
CHECK MEANS	3546	-	51	322	168	37.4	3.8	252.8	0.9	13.2
5% LSD	745.7		3.2	26.6	28.7	2.5				1.9
C. V.	12.9		4.4	7.3	17.6	4.5				10.0

TABLE: 290-V-82

EVT 14B: YEAR 1982 TOGO SUCRAL

CO-OPERATOR: F. MOREAU

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	EARS/ PLNT	MOIST %
12 MEXICO 8049	4375	120	80	143	65	0.0	0.4	5.9	63.0	4.4	1.1	28.7
2 FERKE (1) 8023	4173	114	84	166	88	0.0	0.7	8.8	64.3	7.5	1.0	29.3
1 POZA RICA 8023	4128	113	83	174	92	0.4	3.9	15.5	60.3	12.5	1.0	29.1
5 ACROSS 8023	4056	111	83	172	86	0.0	4.7	5.9	63.5	10.1	0.9	28.9
9 POZA RICA 8032	3761	103	81	164	75	0.0	3.8	5.6	60.5	6.5	0.9	28.7
4 MARACAY 8023	3759	103	82	196	107	0.0	2.6	13.1	60.3	14.9	0.9	28.8
11 COTAXTLA 8032	3708	101	81	171	77	0.4	0.0	8.5	64.0	5.8	0.9	28.6
6 ILONGA (1) 7930	3668	100	81	157	85	0.8	8.5	6.6	64.3	9.3	0.9	29.0
10 ALAJUELA 8032	3630	99	84	183	88	0.0	1.1	13.1	63.0	5.9	0.9	29.3
14 LOS DIAMANTES 7823RE	3409	93	82	175	84	0.0	6.8	12.5	61.8	12.5	0.9	28.9
3 PIRSABAK 8023	3368	92	84	160	81	0.0	3.5	10.0	61.5	17.1	0.9	29.3
13 PIRSABAK (1) 7930 RE	3294	90	79	136	73	0.0	1.6	13.8	64.3	11.0	1.0	28.7
8 ACROSS 7930	3056	84	82	156	74	0.0	1.2	10.7	62.3	7.9	0.9	29.0
7 KISANGA 7930	2795	76	79	164	87	0.0	2.8	15.3	63.3	12.4	0.9	28.5
MEANS	3656	100	82	165	83	0.1	3.0	10.4	62.6	9.8	0.9	28.9
MAXIMUM	4375	120	84	196	107	0.8	8.5	15.5	64.3	17.1	1.1	29.3
MINIMUM	2795	76	79	136	65	0.0	0.0	5.6	60.3	4.4	0.9	28.5
CHECKS (TESTIGOS):												
16 KEPOLE	3660	-	85	205	115	0.0	6.9	4.5	59.8	1.6	0.8	29.1
17 LOCAL	2596	-	82	229	124	0.0	2.6	8.2	52.3	4.3	0.7	28.9
15 IRAT 10	2305	-	85	227	123	0.5	4.5	7.9	57.0	0.0	0.9	29.1
CHECK MEANS	2854	-	84	220	120	0.2	4.6	6.9	56.3	2.0	0.8	29.0
5% LSD	848.1		3.8	43.7	31.3				7.5			0.4
C.V.	17.0		3.3	17.5	24.6				8.6			0.9

TABLE: 291-V-82

EVT 14B: YEAR 1982 ZAIRE KANIAMA

CO-OPERATOR: PNM

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	STALK ROT	HELM MAYD	PLANTS HARV	EAR ASPCT	%BAD H. C.	MOIST %
9 POZA RICA 8032	6790	118	66	221	112	4.5	10.4	3.7	0.6	3.3	2.3	40.0	1.5	36.7	23.2
10 ALAJUELA 8032	6435	112	67	220	114	19.6	13.0	5.8	0.6	1.3	2.0	40.8	2.0	19.1	23.5
11 COTAXTLA 8032	6203	108	66	214	110	15.6	12.9	4.2	1.2	2.7	2.0	40.3	1.5	18.4	22.7
14 LOS DIAMANTES 7823RE	5979	104	65	213	110	12.2	14.3	4.5	0.6	2.5	2.8	39.3	1.8	45.8	22.0
2 FERKE (1) 8023	5742	100	67	213	110	10.0	11.2	4.4	0.0	1.2	2.0	40.3	2.0	37.6	22.0
4 MARACAY 8023	5649	98	64	205	102	12.2	6.2	6.8	0.7	7.7	2.0	40.0	2.0	46.8	21.0
5 ACROSS 8023	5620	98	65	208	102	15.4	7.0	7.5	0.0	7.0	2.0	40.0	2.0	38.9	21.5
3 PIRSABAK 8023	5460	95	65	215	108	9.7	5.7	7.5	0.0	4.0	2.3	35.3	2.5	74.8	21.2
1 POZA RICA 8023	5361	93	65	211	103	11.3	7.7	9.8	0.0	5.8	2.0	40.3	2.0	44.9	22.8
12 MEXICO 8049	5172	90	61	160	74	12.2	7.3	4.5	0.0	29.9	1.5	41.8	1.8	16.7	21.4
6 ILONGA (1) 7930	4862	85	56	203	100	16.6	2.4	3.0	0.6	23.4	2.3	41.3	2.0	32.7	19.5
8 ACROSS 7930	4816	84	57	198	102	20.1	9.0	6.7	0.0	26.4	2.3	41.3	2.0	25.2	19.6
7 KISANGA 7930	4231	74	56	198	101	13.6	7.4	5.8	0.0	49.1	2.5	38.3	2.3	50.6	18.6
13 PIRSABAK (1) 7930 RE	4074	71	57	190	90	14.3	5.7	6.1	0.0	36.5	2.3	37.3	2.0	33.8	19.1
MEANS	5457	95	62	205	103	13.4	8.6	5.7	0.3	14.3	2.1	39.7	1.9	37.3	21.3
MAXIMUM	6790	118	67	221	114	20.1	14.3	9.8	1.2	49.1	2.8	41.8	2.5	74.8	23.5
MINIMUM	4074	71	56	160	74	4.5	2.4	3.0	0.0	1.2	1.5	35.3	1.5	16.7	18.6
CHECKS (TESTIGOS):															
15 KASAI I	5745	-	68	230	118	19.9	15.5	1.8	0.0	2.5	2.0	38.0	1.8	17.0	24.0
16 SALONGO II	5731	-	68	247	131	29.0	12.2	6.5	0.0	3.3	2.0	37.8	1.8	12.8	23.4
17 GPS-5	5491	-	67	254	153	41.3	3.6	4.8	0.0	0.6	2.0	40.3	1.5	16.3	21.9
CHECK MEANS	5656	-	67	243	134	30.1	10.4	4.4	0.0	2.1	2.0	38.7	1.7	15.4	23.1
5% LSD	1104.0		1.7	11.6	10.3							4.9			
C. V.	14.1		1.9	3.9	6.7							8.7			

TABLE: 292-V-82

EVT 14B: YEAR 1982 ZIMBABWE CHIREDZE

CO-OPERATOR:

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
2 FERKE (1) 8023	7721	82	57	265	3.0	0.0	0.0	42.0	1.2	12.0
12 MEXICO 8049	7721	82	54	223	1.7	1.1	0.0	43.8	1.0	12.5
10 ALAJUELA 8032	7595	81	58	259	3.3	2.9	0.0	38.3	1.3	11.2
9 POZA RICA 8032	7575	81	57	271	0.6	1.7	0.0	43.5	1.1	11.8
4 MARACAY 8023	7483	80	54	275	1.2	1.3	0.0	40.8	1.2	12.4
5 ACROSS 8023	7102	76	56	269	1.9	4.2	0.0	36.8	1.2	12.2
1 POZA RICA 8023	7036	75	57	259	3.2	3.3	0.0	39.5	1.2	12.4
11 COTAXTLA 8032	7030	75	57	273	5.2	2.3	0.6	41.3	1.2	12.4
14 LOS DIAMANTES 7823RE	6960	74	56	284	2.9	1.3	0.0	40.0	1.2	13.5
3 PIRSABAK 8023	6352	68	56	250	1.9	6.8	0.0	38.8	1.2	12.4
13 PIRSABAK (1) 7930 RE	5943	63	49	246	4.8	7.0	0.7	38.0	1.1	13.0
8 ACROSS 7930	5927	63	50	246	8.4	6.0	0.0	39.0	1.2	11.9
7 KISANGA 7930	5525	59	50	263	1.2	3.1	0.6	37.8	1.1	12.0
6 ILONGA (1) 7930	5470	58	49	258	3.8	5.1	0.5	39.0	1.1	11.1
MEANS	6817	73	54	260	3.1	3.3	0.2	39.9	1.2	12.2
MAXIMUM	7721	82	58	284	8.4	7.0	0.7	43.8	1.3	13.5
MINIMUM	5470	58	49	223	0.6	0.0	0.0	36.8	1.0	11.1
CHECKS (TESTIGOS):										
17 ZS225	9393	-	49	294	2.8	2.3	0.5	44.0	1.1	12.0
16 ZS107	7481	-	55	286	9.0	7.1	3.7	41.8	1.0	11.9
15 SR52	6824	-	57	293	2.9	7.6	6.3	42.5	0.9	12.0
CHECK MEANS	7899	-	53	290	4.9	5.7	3.5	42.8	1.0	12.0
5% LSD	1103.3		1.3	16.6				3.9		0.0
C.V.	11.1		1.7	4.4				6.9		0.0

TABLE: 293-V-82

EVT 14B: YEAR 1982 SAUDI ARABIA HOFUF

CO-OPERATOR: LIN CHUAN CHENG

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
1 POZA RICA 8023	8014	180	78	176	94	3.6	41.5	1.0	3.1	2.3	81.3	1.0	28.5
4 MARACAY 8023	7972	179	75	164	85	7.7	40.8	1.3	11.0	1.8	79.8	1.0	26.6
3 PIRSABAK 8023	7928	178	75	166	86	2.9	39.5	1.0	17.3	1.5	78.5	1.1	29.2
5 ACROSS 8023	7674	172	80	170	92	4.7	43.3	1.3	6.9	1.5	84.3	1.0	27.6
14 LOS DIAMANTES 7823RE	7604	171	80	168	89	5.6	39.0	1.0	8.6	1.8	77.8	1.1	24.9
2 FERKE (1) 8023	7287	164	74	182	93	5.0	39.3	1.3	7.5	1.3	80.0	1.0	31.5
11 COTAXTLA 8032	6614	149	79	161	78	10.0	40.5	1.3	1.8	1.8	78.3	1.0	27.6
10 ALAJUELA 8032	6519	146	80	155	76	24.4	39.3	1.8	1.7	1.8	76.3	1.0	31.6
8 ACROSS 7930	6300	141	66	162	83	7.7	40.3	1.5	6.1	1.8	79.5	1.0	28.4
9 POZA RICA 8032	6010	135	81	162	78	16.6	35.0	2.0	2.8	2.3	68.8	1.1	31.3
13 PIRSABAK (1) 7930 RE	5583	125	71	153	77	10.3	40.8	1.5	3.1	2.5	80.5	1.0	28.5
7 KISANGA 7930	5519	124	67	151	75	4.7	40.8	1.8	8.7	2.5	79.5	1.0	28.3
12 MEXICO 8049	5243	118	78	132	63	4.8	35.0	1.3	6.7	3.0	69.3	1.0	27.4
6 ILONGA (1) 7930	5180	116	68	160	82	9.7	39.3	1.5	1.8	2.5	78.5	1.0	28.6
MEANS	6675	150	75	162	82	8.4	39.6	1.4	6.2	2.0	78.0	1.0	28.6
MAXIMUM	8014	180	81	182	94	24.4	43.3	2.0	17.3	3.0	84.3	1.1	31.6
MINIMUM	5180	116	66	132	63	2.9	35.0	1.0	1.7	1.3	68.8	1.0	24.9
CHECKS (TESTIGOS):													
16 TAINAN 10	4454	-	78	187	104	7.5	32.0	1.8	5.7	1.8	64.0	0.9	31.5
15 TAINAN 5	4286	-	75	145	62	7.3	27.3	1.5	9.0	3.8	53.3	1.0	23.3
17 TAINAN 11	2910	-	83	162	71	13.2	24.8	2.3	6.0	3.0	47.0	1.0	30.0
CHECK MEANS	3883	-	78	164	78	9.3	28.0	1.8	6.9	2.8	54.8	1.0	28.2
5% LSD	1420.3		6.7	16.7	12.2		5.4						5.1
C.V.	16.2		6.2	7.2	10.5		10.2						12.6

TABLE: 294-V-82

EVT 14B: YEAR 1982 PAKISTAN ISLAMABAD

CO-OPERATOR: BANARAS ROJA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	MAIZE BGRER %	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	PLNTS GERM	EARS/ PLNT	MOIST %
4 MARACAY 8023	4820	173	55	145	80	19.3	20.6	13.3	1.1	1.3	41.3	2.0	83.5	1.1	26.2
12 MEXICO 8049	4421	159	55	118	64	12.0	28.4	4.3	1.2	1.0	41.5	2.5	77.3	1.0	25.0
9 POZA RICA 8032	4165	149	59	139	70	19.6	10.0	7.6	2.0	1.8	38.8	2.0	81.8	0.9	30.3
5 ACROSS 8023	4114	148	59	136	78	12.1	13.0	14.8	0.6	1.5	39.3	2.3	81.3	1.0	28.1
3 PIRSABAK 8023	3983	143	57	141	78	8.1	21.7	13.7	0.0	2.0	39.5	2.3	80.8	1.0	26.1
11 COTAXTLA 8032	3926	141	59	125	69	8.9	12.6	7.5	3.2	1.8	39.8	2.8	81.0	1.0	28.0
10 ALAJUELA 8032	3808	137	61	134	70	21.3	10.1	6.2	2.0	1.3	40.0	2.5	79.5	0.9	29.1
1 POZA RICA 8023	3787	136	58	135	71	9.6	13.9	11.4	0.6	2.3	41.5	2.3	80.5	1.0	27.9
14 LOS DIAMANTES 7823RE	3773	135	59	135	73	18.7	4.6	12.4	2.4	2.0	37.3	2.0	71.5	1.0	28.3
7 KISANGA 7930	3374	121	52	136	71	13.1	17.0	17.0	1.8	2.0	37.3	2.5	77.5	1.0	25.3
8 ACROSS 7930	3258	117	54	143	76	18.2	33.6	10.7	3.6	1.5	37.3	2.3	79.0	1.0	23.3
2 FERKE (1) 8023	3215	115	61	139	79	16.5	24.2	10.0	0.7	1.5	39.8	2.8	86.3	0.9	28.6
13 PIRSABAK (1) 7930 RE	3204	115	52	136	76	12.3	18.7	17.4	1.4	1.8	39.0	2.5	76.3	1.0	24.0
6 ILONGA (1) 7930	3177	114	53	134	71	14.7	23.9	16.8	1.3	1.8	39.8	2.8	83.0	1.0	23.7
MEANS	3788	136	57	135	73	14.6	18.0	11.6	1.6	1.7	39.4	2.4	79.9	1.0	26.7
MAXIMUM	4820	173	61	145	80	21.3	33.6	17.4	3.6	2.3	41.5	2.8	86.3	1.1	30.3
MINIMUM	3177	114	52	118	64	8.1	4.6	4.3	0.0	1.0	37.3	2.0	71.5	0.9	23.3
CHECKS (TESTIGOS):															
17 LOCAL CHECK 3	2789	-	50	129	58	20.2	7.5	16.5	3.3	3.3	33.8	3.0	73.5	0.9	23.5
16 LOCAL CHECK 2	2736	-	52	136	70	13.0	20.6	12.0	7.0	2.8	39.0	2.3	76.0	0.8	24.6
15 LOCAL CHECK 1	2439	-	53	133	70	19.0	17.3	15.3	5.0	2.0	35.8	3.3	71.8	0.9	22.9
CHECK MEANS	2655	-	51	132	65	17.4	15.1	14.6	5.1	2.7	36.2	2.8	73.8	0.9	23.7
5% LSD	1021.9		3.0	16.3	14.4						3.6				2.3
C.V.	20.0		3.8	8.5	14.1						6.6				6.3

TABLE: 295-V-82

EVT 14B: YEAR 1982 VIETNAM HO-CHI-MINH CITY

CO-OPERATOR: VO DINH LONG, PHAM THUONG TRINH

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	CORTICIUM SASAKII %	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
13 PIRSABAK (1) 7930 RE	4009	112	48	173	71	4.3	3.7	6.1	2.7	41.3	1.8	1.3	83.3	0.9	36.5
9 POZA RICA 8032	3917	109	53	192	91	4.3	3.7	1.8	4.0	41.0	3.7	1.0	84.5	1.0	44.6
4 MARACAY 8023	3654	102	54	170	87	3.7	5.7	1.9	1.3	40.5	1.1	1.0	83.0	1.0	44.1
11 COTAXTLA 8032	3581	100	53	181	87	4.7	8.2	3.6	2.0	42.3	4.7	1.3	85.0	0.9	42.7
12 MEXICO 8049	3567	99	51	147	68	4.5	1.9	9.6	5.4	39.8	2.0	2.0	83.0	0.9	37.8
6 ILONGA (1) 7930	3443	96	48	167	76	4.3	3.9	6.1	2.7	41.3	1.9	1.5	82.8	0.9	36.5
8 ACROSS 7930	3243	90	49	157	70	4.7	8.7	5.0	5.4	38.0	4.5	2.8	79.3	0.9	36.5
1 POZA RICA 8023	3061	85	55	176	82	6.3	11.5	2.4	3.5	40.0	3.1	1.8	82.5	0.9	43.0
2 FERKE (1) 8023	3022	84	52	179	89	5.1	5.3	1.8	2.7	39.3	2.4	1.3	81.3	0.9	40.9
3 PIRSABAK 8023	3019	84	54	167	81	5.9	19.7	3.1	5.9	38.3	5.1	2.5	83.3	0.9	44.0
5 ACROSS 8023	3014	84	52	180	93	5.1	12.9	0.0	2.7	39.3	3.9	1.3	80.5	0.9	43.5
7 KISANGA 7930	2852	79	48	169	70	4.6	9.8	1.9	2.5	39.0	1.3	1.0	81.8	0.9	37.6
14 LOS DIAMANTES 7823RE	2792	78	53	187	87	4.9	6.3	3.5	1.6	35.3	2.8	1.5	73.5	0.9	45.0
10 ALAJUELA 8032	2615	73	54	182	86	7.6	16.1	3.8	1.9	36.5	1.9	2.5	76.3	0.8	43.8
MEANS	3270	91	51	173	81	5.0	8.4	3.6	3.2	39.4	2.9	1.6	81.4	0.9	41.2
MAXIMUM	4009	112	55	192	93	7.6	19.7	9.6	5.9	42.3	5.1	2.8	85.0	1.0	45.0
MINIMUM	2615	73	48	147	68	3.7	1.9	0.0	1.3	35.3	1.1	1.0	73.5	0.8	36.5
CHECKS (TESTIGOS):															
16 EARLI THAI X BIGEI	3592	-	52	211	100	3.2	3.8	2.3	6.4	32.3	5.6	1.0	69.0	0.9	41.2
17 NHA-MO COMPOSITE	3402	-	51	208	100	2.8	9.4	3.6	1.4	36.3	4.2	1.0	73.5	0.9	42.0
15 EARLI THAI COMP.	3001	-	53	213	106	4.1	2.3	5.3	1.0	26.0	10.1	1.0	56.8	1.1	44.0
CHECK MEANS	3332	-	51	210	101	3.3	5.2	3.8	2.9	31.5	6.6	1.0	66.4	1.0	42.4
5% LSD	585.6		1.1	22.8	12.4					5.6					1.2
C.V.	12.6		1.6	8.9	10.3					10.3					2.0

TABLE: 296-V-82

EVT 14B: YEAR 1982 VIETNAM HUNG LOC

CO-OPERATOR: VO DINH LONG, TRAN ANH NGUYET

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	CORTICIUM SASAKII %	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLNTS GERM	MOIST %
3 PIRSABAK 8023	5232	119	58	184	97	16.1	0.0	8.0	19.8	2.3	43.5	2.0	21.9	87.0	32.8
5 ACROSS 8023	5153	117	60	191	94	34.5	1.7	6.3	6.0	2.0	43.3	2.0	11.0	86.3	34.8
14 LOS DIAMANTES 7823RE	4882	111	59	198	104	33.7	1.3	10.8	20.4	2.5	41.8	1.8	14.8	86.8	32.9
4 MARACAY 8023	4598	105	59	179	91	32.0	0.6	5.3	15.1	2.3	43.3	2.0	8.7	87.3	33.9
8 ACROSS 7930	4570	104	53	167	80	22.4	1.8	12.4	12.2	2.5	42.5	2.5	9.4	86.0	28.4
1 POZA RICA 8023	4400	100	60	187	85	21.9	1.2	8.7	23.4	2.5	43.3	1.5	16.2	87.8	34.5
2 FERKE (1) 8023	4348	99	60	177	87	36.1	0.6	0.6	12.3	2.5	43.3	2.3	5.8	87.0	33.9
12 MEXICO 8049	4283	98	57	135	67	38.9	0.0	0.6	19.0	2.5	43.5	2.0	12.1	85.3	34.8
10 ALAJUELA 8032	4255	97	62	195	99	36.0	0.6	6.0	23.2	2.5	41.5	2.3	11.5	84.3	35.0
7 KISANGA 7930	4164	95	53	162	81	32.3	0.6	6.9	8.4	3.0	43.8	2.8	9.7	86.0	29.1
6 ILONGA (1) 7930	3947	90	54	165	84	31.7	0.6	3.5	3.3	3.5	43.0	2.8	3.5	85.5	28.8
13 PIRSABAK (1) 7930 RE	3911	89	54	167	82	20.7	1.2	6.8	32.0	2.8	40.8	2.0	19.5	84.3	28.9
9 POZA RICA 8032	3856	88	61	172	86	39.6	0.0	3.6	19.7	2.8	42.0	2.3	9.5	84.8	36.3
11 COTAXTLA 8032	3588	82	61	179	93	33.6	0.0	3.0	15.3	3.0	41.8	3.0	7.9	84.0	34.2
MEANS	4371	100	58	175	88	30.7	0.7	5.9	16.4	2.6	42.6	2.2	11.5	85.9	32.7
MAXIMUM	5232	119	62	198	104	39.6	1.8	12.4	32.0	3.5	43.8	3.0	21.9	87.8	36.3
MINIMUM	3588	82	53	135	67	16.1	0.0	0.6	3.3	2.0	40.8	1.5	3.5	84.0	28.4
CHECKS (TESTIGOS):															
16 EARLI THAI X BIGEI	4389	-	57	201	104	25.1	6.8	12.8	13.2	3.5	33.5	1.5	9.1	69.0	31.7
17 NHA-MO COMPOSITE	4255	-	58	208	105	27.5	4.3	13.6	16.2	2.8	39.0	2.3	11.8	81.0	31.5
15 EARLI THAI COMP.	4100	-	59	212	115	23.4	7.3	18.9	6.5	3.3	31.5	1.5	20.0	68.5	33.4
CHECK MEANS	4248	-	58	206	107	25.4	6.1	15.1	12.0	3.2	34.7	1.8	13.6	72.8	32.2
5% LSD	1053.5		1.6	13.5	13.8						2.5				
C.V.	17.0		1.9	5.3	10.6						4.3				

TABLE: 297-V-82 TRIAL: EVT 14B:

YEAR: 1982 MEANS ACROSS 52 LOCATIONS

ENTRY NO. AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
5 ACROSS 8023	4583	Blanco Cristalino 1	105	59	198
4 MARACAY 8023	4501	Blanco Cristalino 1	103	58	190
9 POZA RICA 8032	4494	ETO Blanco	103	60	195
2 FERKE (1) 8023	4494	Blanco Cristalino 1	103	60	195
1 POZA RICA 8023	4462	Blanco Cristalino 1	103	59	195
3 PIRSABAK 8023	4368	Blanco Cristalino 1	100	58	191
14 LOS DIAMANTES 7823RE	4351	Blanco Cristalino 1	100	59	197
10 ALAJUELA 8032	4319	ETO Blanco	99	61	198
11 COTAXTLA 8032	4298	ETO Blanco	99	60	195
12 MEXICO 8049	4230	Blanco Dentado 2	97	56	156
8 ACROSS 7930	3940	Blanco Cristalino 2	91	53	184
6 ILONGA (1) 7930	3821	Blanco Cristalino 2	88	52	183
13 PIRSABAK (1) 7930 RE	3810	Blanco Cristalino 2	88	53	177
7 KISANGA 7930	3746	Blanco Cristalino 2	86	53	184

TABLE: 298-V-82

EVT 15A: YEAR 1982 BOLIVIA IBOPERENDA

CO-OPERATOR: ALBERTO HINOJOSA PADILLA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	ENDO HARD	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
9 ACROSS 8039	7722	112	60	238	131	1.2	0.6	2.4	2.0	41.8	1.3	1.1	24.1
3 SATIPO (1) 7839	7463	108	61	253	133	3.5	3.0	3.4	3.0	42.3	1.0	1.1	25.2
12 ACROSS 7726 NRE	7411	107	61	238	133	4.4	1.2	2.7	2.3	41.0	1.5	1.1	22.6
4 SATIPO (2) 7839	7333	106	61	250	143	1.3	1.7	5.4	2.8	42.0	1.5	1.0	25.8
7 FERKE (1) 8039	7279	105	60	240	126	3.5	0.0	6.2	2.0	42.3	1.3	1.1	25.8
10 ACROSS 7940	7075	102	61	253	145	1.7	3.4	8.0	3.3	43.8	1.8	1.0	25.0
5 TOCUMEN 8039	7014	102	61	258	149	1.7	0.0	3.6	2.3	43.3	1.8	1.1	23.5
6 SAN JERONIMO 8039	6970	101	60	240	135	0.6	0.7	3.2	2.0	41.5	1.0	1.1	23.6
11 ACROSS 7740 RE	6859	99	62	248	140	1.2	1.2	4.4	3.8	41.8	1.8	1.0	25.9
2 CHUQUISACA (1) 7839	6786	98	61	243	143	0.6	1.2	4.0	2.8	42.8	1.5	1.0	24.3
8 POZA RICA 8039	6336	92	60	245	136	2.4	0.6	5.7	2.3	42.5	1.3	1.0	24.0
1 JARDINOPOLIS 7938	6248	90	60	235	138	2.3	1.1	5.1	1.8	43.5	1.5	1.0	23.4
MEANS	7041	102	61	245	138	2.0	1.2	4.5	2.5	42.4	1.4	1.1	24.4
MAXIMUM	7722	112	62	258	149	4.4	3.4	8.0	3.8	43.8	1.8	1.1	25.9
MINIMUM	6248	90	60	235	126	0.6	0.0	2.4	1.8	41.0	1.0	1.0	22.6
CHECKS (TESTIGOS):													
13 TUXP. X 02	6910	-	67	275	168	3.6	4.9	6.4	5.0	32.5	1.5	1.2	27.5
14 AMARILLO NORMAL	6290	-	60	258	134	1.3	12.1	6.7	4.0	40.8	2.3	1.0	22.2
15 AMARILLO NORMAL	4564	-	59	235	128	3.3	4.4	4.1	3.5	21.3	1.8	1.2	21.9
CHECK MEANS	5921	-	61	255	142	2.7	7.1	5.7	4.2	31.5	1.8	1.1	23.9
5% LSD	862.0		0.9	23.6	15.7					3.0			1.9
C.V.	8.9		1.0	6.7	8.0					5.1			5.5

TABLE: 299-V-82

EVT 15A: YEAR 1982 BOLIVIA MAIRANA

CO-OPERATOR: ANNE-RATRIN LINSER DE COSTAS

ENTRY NO. /PEDIGREE	PLNT HT	%BEST CHECK	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV
4 SATIPO (2) 7839	226	94	103	0.0	1.4	32.0
5 TOCUMEN 8039	216	90	98	0.0	0.0	33.8
3 SATIPO (1) 7839	212	88	99	0.0	0.8	32.0
2 CHUQUISACA (1) 7839	212	88	111	0.7	0.0	35.5
10 ACROSS 7940	211	88	92	0.7	0.7	35.8
7 FERKE (1) 8039	205	85	87	0.0	0.0	33.3
1 JARDINOPOLIS 7938	205	85	99	1.5	0.0	34.5
8 POZA RICA 8039	204	85	91	0.7	0.0	34.5
9 ACROSS 8039	203	84	89	0.0	0.0	33.0
6 SAN JERONIMO 8039	202	84	94	0.0	0.0	34.8
11 ACROSS 7740 RE	202	84	84	0.0	0.0	32.5
12 ACROSS 7726 NRE	196	81	84	0.0	0.0	27.8
MEANS	208	86	94	0.3	0.2	33.3
MAXIMUM	226	94	111	1.5	1.4	35.8
MINIMUM	196	81	84	0.0	0.0	27.8
CHECKS (TESTIGOS):						
13 TUXPENO 02	241	-	124	0.8	0.0	27.8
15 CIAT V 151	216	-	97	0.0	0.0	29.0
14 SUWAN	166	-	95	0.0	0.0	23.8
CHECK MEANS	207	-	105	0.3	0.0	26.8
5% LSD	33.7		24.4			8.0
C.V.	11.4		17.7			17.5

TABLE: 300-V-82

EVT 15A: YEAR 1982 BOLIVIA STA CRUZ

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	CURV	ENDO HARD	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
11 ACROSS 7740 RE	7218	112	56	210	115	0.0	0.0	5.9	1.3	1.0	38.3	1.8	5.9	1.0	22.8
6 SAN JERONIMO 8039	6901	107	55	205	113	1.4	3.2	4.8	1.3	1.0	39.3	1.5	6.5	1.0	18.3
10 ACROSS 7940	6712	104	54	203	113	0.0	0.8	5.6	1.5	1.0	36.8	2.5	14.1	1.0	19.1
4 SATIPO (2) 7839	6570	102	56	215	115	0.0	0.7	7.0	1.5	1.0	36.5	2.8	7.0	1.0	23.3
7 FERKE (1) 8039	6441	100	54	210	110	0.0	0.0	5.0	2.0	1.0	38.5	1.5	11.7	1.0	22.5
8 POZA RICA 8039	6382	99	54	195	100	0.0	0.0	3.0	1.3	1.0	38.0	2.0	13.2	1.0	21.5
5 TOCUMEN 8039	6371	99	55	208	113	0.0	0.0	3.8	1.3	1.0	41.5	1.8	7.3	1.0	19.5
2 CHUQUISACA (1) 7839	6358	99	55	203	110	0.6	4.5	3.8	1.3	1.0	37.0	2.3	16.0	1.0	23.5
3 SATIPO (1) 7839	6284	97	56	220	120	0.0	0.0	7.6	1.3	1.0	35.3	1.5	9.9	1.0	22.8
9 ACROSS 8039	6079	94	55	203	105	0.0	0.0	2.6	1.3	1.0	40.3	2.0	7.8	1.0	25.0
1 JARDINOPOLIS 7938	5587	87	53	200	108	0.0	1.2	3.2	1.8	1.0	38.0	3.0	10.8	1.0	19.8
12 ACROSS 7726 NRE	5518	86	56	195	100	0.0	1.1	5.7	1.3	1.5	29.0	1.8	11.3	1.0	21.8
MEANS	6368	99	55	205	110	0.2	1.0	4.8	1.4	1.0	37.4	2.0	10.1	1.0	21.6
MAXIMUM	7218	112	56	220	120	1.4	4.5	7.6	2.0	1.5	41.5	3.0	16.0	1.0	25.0
MINIMUM	5518	86	53	195	100	0.0	0.0	2.6	1.3	1.0	29.0	1.5	5.9	1.0	18.3
CHECKS (TESTIGOS):															
13 TUXPENO 02	6453	-	59	230	128	0.0	2.5	2.9	1.5	5.0	39.5	1.3	7.7	1.0	29.8
15 BLANCO BERMEJOS	5977	-	60	275	153	0.7	0.0	3.7	1.0	1.0	38.5	1.3	5.8	1.3	26.5
14 TUXPENITO	5305	-	58	163	75	0.0	0.0	2.2	1.5	2.3	30.5	2.0	10.5	1.0	24.5
CHECK MEANS	5912	-	58	222	118	0.2	0.8	2.9	1.3	2.8	36.2	1.5	8.0	1.1	26.9
5% LSD	1195.2		1.5	14.1	13.4						5.1				
C. V.	13.3		1.9	4.7	8.4						9.7				

TABLE: 301-V-82

EVT 15A: YEAR 1982 ECUADOR PICHILINGUE

CO-OPERATOR: INIAP

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	CURV	HELM MAYD	ENDO HARD	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT	MOIST %
3 SATIPO (1) 7839	4469	74	52	268	147	3.6	17.4	2.8	2.0	3.0	41.5	3.3	4.3	0.9	27.4
8 POZA RICA 8039	4399	72	51	245	136	4.2	13.7	3.0	2.3	2.0	42.3	3.0	12.3	0.9	27.6
2 CHUGUISACA (1) 7839	4391	72	51	252	141	3.5	17.9	3.0	3.0	2.5	43.0	3.0	4.6	0.9	28.1
12 ACROSS 7726 NRE	4274	70	50	263	131	6.1	23.9	2.5	2.3	3.0	39.8	3.0	7.5	0.9	26.6
10 ACROSS 7940	4262	70	52	253	144	6.1	19.4	2.8	2.3	3.0	41.3	3.0	12.1	0.9	28.9
9 ACROSS 8039	4184	69	50	252	138	2.6	19.9	2.8	2.0	2.5	39.5	3.0	6.3	0.9	27.0
6 SAN JERONIMO 8039	4123	68	52	256	136	4.1	15.8	3.0	2.3	2.3	43.0	3.0	6.4	1.0	28.4
4 SATIPO (2) 7839	4041	67	50	247	142	6.4	11.4	3.0	2.5	2.5	42.8	3.3	5.9	0.9	28.2
11 ACROSS 7740 RE	3958	65	54	252	143	3.7	15.5	2.8	2.3	3.0	42.0	3.0	8.3	0.9	29.6
5 TOCUMEN 8039	3923	65	51	263	143	7.0	18.8	3.3	2.8	2.0	42.8	3.0	7.0	0.9	26.4
7 FERKE (1) 8039	3861	64	53	236	128	6.8	14.4	3.3	2.5	2.3	40.8	3.3	4.5	0.8	26.8
1 JARDINOPOLIS 7938	3734	62	51	236	131	8.3	15.5	3.0	2.5	2.5	42.5	3.0	5.3	0.9	25.6
MEANS	4135	68	51	252	138	5.2	17.0	2.9	2.4	2.5	41.8	3.1	7.1	0.9	27.5
MAXIMUM	4469	74	54	268	147	8.3	23.9	3.3	3.0	3.0	43.0	3.3	12.3	1.0	29.6
MINIMUM	3734	62	50	236	128	2.6	11.4	2.5	2.0	2.0	39.5	3.0	4.3	0.8	25.6
CHECKS (TESTIGOS):															
14 HIBRIDO F5 X F23	6071	-	54	262	146	4.2	6.9	2.0	2.0	3.0	41.0	2.0	6.1	1.0	28.0
15 INIAP-526	4962	-	54	248	143	3.0	12.5	3.3	2.0	3.0	41.8	2.3	6.5	0.9	28.3
13 OPACO-2	3337	-	53	278	157	11.9	23.7	2.8	2.8	5.0	42.0	3.0	5.9	0.8	28.5
CHECK MEANS	4790	-	53	262	148	6.4	14.3	2.7	2.3	3.7	41.6	2.4	6.2	0.9	28.3
5% LSD	504.4		3.5	21.8	11.9						4.3				1.9
C.V.	8.3		4.7	6.0	5.9						7.2				4.7

TABLE: 302-V-82

EVT 15A: YEAR 1982 CUBA ALQUIZAR

CO-OPERATOR: CECILIO MARCOS TORRES

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	ENDO HARD	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLNTS GERM	EARS/ PLNT	MOIST %
12 ACROSS 7726 NRE	4445	81	62	188	93	0.6	1.0	35.8	2.3	16.9	70.5	1.0	13.4
11 ACROSS 7740 RE	4340	80	65	211	110	0.0	1.0	39.3	3.3	31.7	79.5	1.0	14.0
5 TOCUMEN 8039	3892	71	61	193	97	0.0	1.0	41.8	3.0	12.6	83.0	0.9	13.6
8 POZA RICA 8039	3858	71	59	196	102	0.0	1.0	39.8	3.3	21.8	80.5	0.9	13.8
4 SATIPO (2) 7839	3855	71	62	203	102	0.0	1.0	36.3	2.8	14.6	74.8	1.0	14.4
6 SAN JERONIMO 8039	3803	70	60	193	96	0.0	1.0	37.3	2.8	10.1	79.5	1.0	14.0
1 JARDINOPOLIS 7938	3788	69	58	188	101	1.4	1.0	39.8	2.8	12.0	78.0	1.0	13.8
2 CHUQUISACA (1) 7839	3727	68	63	197	106	0.0	1.0	38.0	3.0	12.4	79.0	0.9	14.0
10 ACROSS 7940	3707	68	63	201	107	1.7	1.0	32.8	2.8	24.4	71.5	1.0	13.9
7 FERKE (1) 8039	3677	67	61	186	92	0.0	1.0	37.8	2.8	12.6	79.0	0.9	13.5
3 SATIPO (1) 7839	3629	66	62	200	102	2.3	1.0	34.8	2.8	12.5	73.5	0.9	14.0
9 ACROSS 8039	3198	59	62	182	84	0.0	1.0	35.3	3.8	11.1	76.8	0.9	13.8
MEANS	3827	70	61	195	99	0.5	1.0	37.4	2.9	16.1	77.1	0.9	13.9
MAXIMUM	4445	81	65	211	110	2.3	1.0	41.8	3.8	31.7	83.0	1.0	14.4
MINIMUM	3198	59	58	182	84	0.0	1.0	32.8	2.3	10.1	70.5	0.9	13.4
CHECKS (TESTIGOS):													
15 HDT-101	5458	-	70	231	145	0.0	1.0	38.8	1.0	16.8	78.5	1.0	14.6
13 HDT-77	5280	-	70	232	143	0.0	1.0	37.0	1.0	5.5	77.5	1.1	15.4
14 HDT-90	4936	-	70	237	137	0.0	1.0	35.5	1.3	8.3	76.3	1.0	14.7
CHECK MEANS	5225	-	69	233	141	0.0	1.0	37.1	1.1	10.2	77.4	1.0	14.9
5% LSD	469.3		2.0	18.4	19.4			4.9					0.7
C V.	8.0		2.2	6.4	12.7			9.2					3.4

TABLE: 303-V-82

EVT 15A: YEAR 1982 MEXICO OBREGON(3)

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	ENDO HARD	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
10 ACROSS 7940	5860	115	69	190	100	0.6	62.3	2.6	3.3	39.5	3.0	21.4	4.3	1.0	29.6
11 ACROSS 7740 RE	5437	106	73	185	98	2.3	52.6	9.7	3.5	36.3	2.8	13.5	4.3	1.1	33.8
12 ACROSS 7726 NRE	5196	102	70	189	104	0.0	84.4	4.4	1.8	32.8	3.0	19.4	5.0	1.1	28.6
4 SATIPO (2) 7839	5012	98	67	186	98	1.9	81.8	3.2	3.0	37.3	3.3	6.2	6.5	1.1	29.8
9 ACROSS 8039	4989	98	66	188	101	1.9	69.6	3.9	2.3	40.3	2.8	9.1	5.3	0.9	28.7
8 POZA RICA 8039	4949	97	66	180	96	0.6	65.0	3.3	2.5	37.5	3.3	12.0	6.0	1.0	29.2
6 SAN JERONIMO 8039	4916	96	70	184	95	1.3	80.2	8.8	2.5	40.5	3.3	7.9	6.0	1.0	28.8
2 CHUQUISACA (1) 7839	4580	90	70	181	95	2.3	75.3	10.2	2.3	35.0	2.8	12.5	6.0	1.0	30.4
3 SATIPO (1) 7839	4552	89	70	186	100	0.6	71.3	5.9	2.5	34.3	3.5	11.0	6.3	1.0	28.4
7 FERKE (1) 8039	4516	88	70	180	90	1.0	67.8	9.2	3.0	33.8	3.3	15.0	5.0	1.0	27.9
5 TOCUMEN 8039	4411	86	69	179	89	0.6	61.4	4.8	2.0	33.5	2.8	8.7	4.5	1.0	28.1
1 JARDINOPOLIS 7938	4217	83	68	185	91	0.0	59.7	5.6	1.8	33.3	3.0	11.9	5.0	1.0	27.2
MEANS	4886	96	69	184	96	1.1	69.3	6.0	2.5	36.1	3.0	12.4	5.3	1.0	29.2
MAXIMUM	5860	115	73	190	104	2.3	84.4	10.2	3.5	40.5	3.5	21.4	6.5	1.1	33.8
MINIMUM	4217	83	66	179	89	0.0	52.6	2.6	1.8	32.8	2.8	6.2	4.3	0.9	27.2
CHECKS (TESTIGOS):															
15 H-419	5107	-	74	210	116	3.2	68.2	12.1	5.0	40.0	3.3	17.9	5.8	1.0	30.6
14 PR-7822	4888	-	73	184	90	0.0	43.5	10.3	5.0	31.5	2.3	6.7	3.5	1.0	34.6
13 BD-2	2845	-	63	141	66	0.0	13.7	3.3	5.0	17.0	2.8	11.5	3.5	1.0	24.4
CHECK MEANS	4280	-	69	178	90	1.1	41.8	8.6	5.0	29.5	2.8	12.0	4.3	1.0	29.9
5% LSD	1029.6		4.0	17.2	17.6					8.4					3.8
C.V.	15.1		4.1	6.6	12.9					16.9					9.1

TABLE: 304-V-82

EVT 15A: YEAR 1982 MEXICO XALISCO(NAY)

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	LEAF DIS.	HUSK COVER	PLANTS HARV	PLANT ASPECT	EARS/ PLNT	MOIST %
11 ACROSS 7740 RE	7484	78	64	218	119	3.2	5.4	3.0	3.3	86.0	3.0	1.0	25.3
10 ACROSS 7940	7302	76	61	206	119	2.0	4.5	2.5	3.3	86.3	2.3	1.0	24.4
9 ACROSS 8039	6999	73	61	204	114	3.2	7.1	3.0	2.3	84.3	3.5	1.0	22.6
7 FERKE (1) 8039	6910	72	61	209	118	3.7	8.1	3.5	3.8	86.8	3.3	1.0	23.1
3 SATIPO (1) 7839	6827	71	62	204	120	5.1	12.8	3.3	2.8	83.3	3.8	1.0	24.2
5 TOCUMEN 8039	6804	71	61	215	122	2.6	7.8	3.8	3.3	86.5	3.3	1.1	23.3
2 CHUQUISACA (1) 7839	6525	68	61	197	115	3.2	8.5	3.8	2.5	87.3	3.8	1.0	23.9
12 ACROSS 7726 NRE	6512	68	62	202	102	3.5	3.5	3.5	3.5	79.3	4.0	1.0	22.9
8 POZA RICA 8039	6377	66	60	196	107	2.9	6.5	3.3	3.0	85.8	3.5	1.0	22.2
4 SATIPO (2) 7839	6376	66	61	223	123	2.9	6.0	3.3	2.3	85.3	3.5	1.0	24.9
1 JARDINOPOLIS 7938	6215	65	59	214	116	3.2	6.5	4.5	3.5	86.0	4.5	1.0	22.3
6 SAN JERONIMO 8039	6085	63	61	203	111	3.6	7.0	4.0	3.3	82.5	4.3	1.1	23.8
MEANS	6701	70	61	207	115	3.3	7.0	3.4	3.0	84.9	3.5	1.0	23.6
MAXIMUM	7484	78	64	223	123	5.1	12.8	4.5	3.8	87.3	4.5	1.1	25.3
MINIMUM	6085	63	59	196	102	2.0	3.5	2.5	2.3	79.3	2.3	1.0	22.2
CHECKS (TESTIGOS):													
14 LOCAL CHECK 2	9618	-	66	215	130	3.7	2.1	2.3	2.5	80.8	2.0	1.2	27.8
13 LOCAL CHECK 1	9311	-	72	267	139	3.4	4.5	1.8	1.0	79.5	1.3	1.3	26.2
15 LOCAL CHECK 3	9311	-	72	267	139	3.4	4.5	1.8	1.0	79.5	1.3	1.3	26.2
CHECK MEANS	9413	-	70	249	136	3.5	3.7	1.9	1.5	79.9	1.5	1.3	26.7
5% LSD	750.4		1.6	27.3	12.4					4.3			1.7
C.V.	7.3		1.8	8.9	7.2					3.6			5.0

TABLE: 305-V-82

EVT 15A: YEAR 1982 LIBERIA SUAKOKO

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	HYPOCHNUS SASAKII %	STEM LODG	ROOT LODG	%EAR ROT	Cercospora leaf spot 1-9	Water soaked lesion SCL1-5 SCL	HUSK COVER	PLANTS HARV	EAR ASPCT	MOIST %
9 ACROSS 8039	2299	166	68	123	50	7.2	3.1	11.5	14.5	1.0	0.9	2.0	27.0	3.5	18.7
3 SATIPO (1) 7839	2255	163	69	139	59	9.2	1.9	22.1	7.8	1.3	0.9	2.8	24.3	2.5	20.0
8 POZA RICA 8039	2182	158	67	126	45	5.1	11.2	10.0	4.5	1.0	1.1	2.8	31.3	2.5	19.1
10 ACROSS 7940	2070	150	68	134	53	8.3	6.2	28.1	6.4	1.4	0.8	1.3	26.0	2.0	21.8
11 ACROSS 7740 RE	2056	149	69	146	57	28.9	2.3	10.8	12.3	1.4	1.1	2.3	21.0	2.8	22.1
2 CHUGUISACA (1) 7839	1961	142	69	136	52	4.2	10.9	5.0	9.9	1.4	1.3	2.3	26.3	3.0	20.1
6 SAN JERONIMO 8039	1866	135	69	121	48	8.4	16.3	17.3	7.3	1.6	0.9	1.8	25.8	2.8	19.1
5 TOCUMEN 8039	1853	134	68	121	51	5.8	7.3	8.0	8.2	1.1	1.0	3.3	29.3	3.3	18.0
12 ACROSS 7726 NRE	1793	130	69	131	49	9.7	5.1	10.5	9.6	1.1	0.9	2.0	27.8	2.0	19.2
7 FERKE (1) 8039	1761	127	67	130	58	7.7	6.3	8.0	12.7	1.0	0.6	2.8	23.3	3.0	20.0
1 JARDINOPOLIS 7938	1567	113	68	131	53	6.1	10.9	7.2	6.1	1.0	1.4	2.5	24.5	3.8	19.2
4 SATIPO (2) 7839	1542	112	68	138	58	7.4	18.2	33.6	14.6	0.9	1.4	3.3	19.8	3.3	21.3
MEANS	1934	140	68	131	53	9.0	8.3	14.4	9.5	1.2	1.0	2.4	25.5	2.9	19.9
MAXIMUM	2299	166	69	146	59	28.9	18.2	33.6	14.6	1.6	1.4	3.3	31.3	3.8	22.1
MINIMUM	1542	112	67	121	45	4.2	1.9	5.0	4.5	0.9	0.6	1.3	19.8	2.0	18.0
CHECKS (TESTIGOS):															
15 LOCAL CHECK 3	1382	-	83	160	63	2.8	4.2	20.0	5.2	1.6	1.0	1.5	9.5	2.5	22.3
13 LOCAL CHECK 1	1273	-	77	173	86	0.0	5.4	28.6	3.2	1.5	2.0	1.5	12.5	2.3	20.3
14 LOCAL CHECK 2	487	-	88	180	92	0.0	26.1	26.1	0.0	2.0	2.0	1.0	8.0	3.0	28.9
CHECK MEANS	1047	-	82	170	80	0.9	11.9	24.9	2.8	1.7	1.7	1.3	10.0	2.6	23.8
5% LSD	877.9		4.0	21.7	16.3								9.4		
C.V.	35.0		3.9	10.9	19.7								29.5		

TABLE: 306-V-82

EVT 15A: YEAR 1982 MOZAMBIQUE CHIPEMBE

CO-OPERATOR: YENS PEDERSEN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	HELM TURC	PLANTS HARV	EAR ASPCT	EAR BORER	EARS/ PLNT	MOIST %
3 SATIPO (1) 7839	4166	114	59	208	114	2.0	44.3	2.5	1.0	0.7	22.7
2 CHUGUISACA (1) 7839	4162	114	57	213	99	2.0	44.0	2.8	1.3	0.8	21.3
11 ACROSS 7740 RE	4151	114	59	214	96	2.0	44.0	3.0	1.3	0.7	22.6
5 TOCUMEN 8039	3989	109	57	194	87	2.0	44.0	2.8	1.0	0.7	20.1
10 ACROSS 7940	3971	109	58	204	91	1.8	43.5	3.5	1.3	0.7	21.1
8 POZA RICA 8039	3805	104	57	199	91	2.0	43.0	2.5	1.3	0.7	21.4
6 SAN JERONIMO 8039	3772	103	58	198	95	2.3	44.0	2.8	1.3	0.6	20.8
9 ACROSS 8039	3686	101	58	193	104	2.0	40.0	2.8	1.0	0.8	22.1
7 FERKE (1) 8039	3624	99	57	198	98	2.0	43.0	2.5	1.0	0.7	21.0
12 ACROSS 7726 NRE	3605	99	58	173	71	2.3	40.0	2.5	1.3	0.6	20.2
4 SATIPO (2) 7839	3605	99	59	218	96	2.0	42.5	2.5	1.3	0.7	20.5
1 JARDINOPOLIS 7938	3596	98	57	179	87	3.0	43.0	2.5	1.0	0.8	27.3
MEANS	3844	105	58	199	94	2.1	42.9	2.7	1.1	0.7	21.7
MAXIMUM	4166	114	59	218	114	3.0	44.3	3.5	1.3	0.8	27.3
MINIMUM	3596	98	57	173	71	1.8	40.0	2.5	1.0	0.6	20.1
CHECKS (TESTIGOS):											
15 LA POSTA QPM	3652	-	60	190	86	3.0	39.3	3.5	1.0	0.7	22.6
14 PATNAGAR 7741	3373	-	57	191	80	3.0	41.3	2.3	1.0	0.7	19.2
13 PR 7740	3186	-	59	182	79	2.3	41.8	2.8	1.3	0.7	21.3
CHECK MEANS	3404	-	58	187	81	2.8	40.8	2.8	1.1	0.7	21.1
5% LSD	845.6		1.6	29.6	23.7		4.1				6.0
C.V.	15.8		2.0	10.5	18.2		6.8				19.4

TABLE: 307-V-82

EVT 15A: YEAR 1982 REP. S. AFRICA POTCHEFSTROOM

CO-OPERATOR: DR. A. P. FOURIE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	SMUT %	PLNTS GERM	EARS/ PLNT	MOIST %
7 FERKE (1) 8039	1574	58	73	228	90	7.2	4.6	6.6	38.5	0.6	0.6	78.4	0.9	10.6
1 JARDINOPOLIS 7938	1453	53	70	228	96	16.8	3.8	2.0	38.8	0.6	1.9	73.4	0.9	10.6
5 TOCUMEN 8039	1450	53	72	229	95	9.0	5.2	3.9	39.0	0.6	0.6	75.0	0.9	11.2
8 POZA RICA 8039	1425	52	69	225	95	8.8	2.5	3.4	39.8	0.0	3.8	76.6	0.8	11.2
2 CHUGUISACA (1) 7839	1259	46	74	224	92	16.1	3.2	2.7	38.8	0.0	7.8	83.5	0.8	11.8
10 ACROSS 7940	1208	44	75	231	93	12.5	3.8	1.0	40.0	0.0	1.3	75.0	0.7	11.4
6 SAN JERONIMO 8039	1200	44	73	224	98	10.4	2.6	4.7	38.3	0.0	5.2	78.8	0.8	11.0
3 SATIPO (1) 7839	1098	40	73	231	96	11.6	1.9	0.8	39.3	0.0	2.6	79.9	0.7	12.1
12 ACROSS 7726 NRE	1096	40	73	219	89	3.9	3.9	1.7	38.5	1.3	0.7	82.0	0.8	12.3
9 ACROSS 8039	1069	39	73	226	94	7.9	1.3	0.0	38.5	0.0	1.9	78.4	0.7	11.9
11 ACROSS 7740 RE	1007	37	74	228	91	10.8	3.2	2.0	39.3	0.0	4.5	78.4	0.7	12.4
4 SATIPO (2) 7839	926	34	73	218	95	9.1	2.0	1.0	38.5	0.7	3.9	77.1	0.7	14.2
MEANS	1231	45	73	226	94	10.3	3.2	2.5	38.9	0.3	2.9	78.0	0.8	11.7
MAXIMUM	1574	58	75	231	98	16.8	5.2	6.6	40.0	1.3	7.8	83.5	0.9	14.2
MINIMUM	926	34	69	218	89	3.9	1.3	0.0	38.3	0.0	0.6	73.4	0.7	10.6
CHECKS (TESTIGOS):														
14 TX24	2717	-	70	224	91	9.4	3.8	4.2	39.8	0.0	0.6	81.3	1.0	13.4
15 TX9	1691	-	70	226	97	25.6	5.8	3.9	38.8	1.3	3.2	31.2	0.7	12.4
13 HL1	1658	-	70	216	86	8.8	4.4	1.9	40.0	0.0	3.1	80.6	0.9	14.5
CHECK MEANS	2022	-	69	221	91	14.6	4.7	3.3	39.5	0.4	2.3	64.4	0.9	13.4
5% LSD	400.0		1.5	14.1	6.7				1.4					0.0
C.V.	20.2		1.5	4.4	5.1				2.5					0.0

TABLE: 308-V-82

EVT 15A: YEAR 1982 TANZANIA ILONGA

CO-OPERATOR: NATIONAL MAIZE RESEARCH PROGRAM

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PUCC POLY	HELM MAYD	STREAK %	PLANTS HARV	EAR ASPCT	BORER %	PLNTS GERM	MOIST %
3 SATIPO (1) 7839	4615	88	58	180	91	5.2	1.2	2.0	2.3	31.5	43.5	2.0	6.3	87.8	28.1
10 ACROSS 7940	4602	87	60	170	87	4.1	2.8	2.0	2.5	33.2	43.0	3.0	5.2	87.3	29.2
11 ACROSS 7740 RE	4524	86	61	169	86	2.4	1.3	1.3	2.0	39.0	43.0	3.3	6.4	85.5	28.2
4 SATIPO (2) 7839	4324	82	57	181	88	1.8	2.4	1.8	2.5	21.7	43.0	2.0	4.7	87.0	26.0
5 TOCUMEN 8039	4167	79	57	181	91	4.6	0.6	2.3	2.3	23.0	43.5	1.5	6.3	87.0	26.9
2 CHUQUISACA (1) 7839	4163	79	58	166	90	6.8	1.8	2.0	2.8	35.6	44.0	2.3	5.7	87.3	28.8
6 SAN JERONIMO 8039	4120	78	57	163	82	5.8	2.8	2.0	2.5	23.7	43.3	1.5	4.7	85.8	26.6
1 JARDINOPOLIS 7938	4068	77	55	163	80	2.3	0.6	2.3	2.3	23.9	44.0	1.5	4.5	87.5	25.4
9 ACROSS 8039	4028	76	58	170	84	2.9	2.3	1.8	2.5	35.4	43.3	2.0	5.2	84.3	26.3
7 FERKE (1) 8039	3916	74	57	175	81	4.1	1.1	2.0	2.3	27.3	43.0	2.8	7.6	85.0	31.6
8 POZA RICA 8039	3891	74	57	165	80	2.4	0.6	1.8	2.0	25.9	42.5	2.8	4.7	86.8	26.5
12 ACROSS 7726 NRE	3845	73	59	161	80	4.6	2.8	2.5	2.5	32.6	43.5	2.0	5.2	85.8	28.3
MEANS	4189	79	58	170	85	3.9	1.7	2.0	2.4	29.4	43.3	2.2	5.5	86.4	27.6
MAXIMUM	4615	88	61	181	91	6.8	2.8	2.5	2.8	39.0	44.0	3.3	7.6	87.8	31.6
MINIMUM	3845	73	55	161	80	1.8	0.6	1.3	2.0	21.7	42.5	1.5	4.5	84.3	25.4
CHECKS (TESTIGOS):															
15 EV 8076 (N)	5272	-	65	207	110	6.0	1.9	1.8	2.3	10.5	40.0	1.5	2.6	80.8	27.6
14 ILONGA COMPOSITE(N)	4942	-	68	227	138	12.0	1.3	2.0	2.3	21.1	42.0	1.5	4.1	75.0	30.3
13 ACROSS 7430 (N)	3987	-	67	203	119	4.0	1.6	1.8	2.0	41.4	31.0	1.3	2.6	65.0	30.1
CHECK MEANS	4734	-	66	211	122	7.3	1.6	1.8	2.2	24.3	37.7	1.4	3.1	73.6	29.3
5% LSD	799.4		1.6	12.0	8.8						3.3				
C.V.	13.0		1.8	4.7	6.7						5.5				

TABLE: 309-V-82

EVT 15A: YEAR 1982 ZIMBABWE CHIREDZE

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
12 ACROSS 7726 NRE	7687	73	55	288	4.4	3.1	0.0	40.3	1.3	12.1
2 CHUQUISACA (1) 7839	7481	71	54	285	3.0	4.2	1.0	42.3	1.2	12.2
11 ACROSS 7740 RE	7338	69	57	285	0.6	1.8	0.0	43.0	1.1	12.0
10 ACROSS 7940	7219	68	56	293	0.6	0.0	0.0	43.8	1.1	12.0
3 SATIPO (1) 7839	7093	67	56	290	1.2	4.8	0.5	42.8	1.1	12.0
4 SATIPO (2) 7839	7015	66	54	293	1.7	1.7	0.0	43.8	1.0	11.8
7 FERKE (1) 8039	6978	66	54	273	0.6	3.4	0.0	43.3	1.1	12.5
8 POZA RICA 8039	6965	66	53	261	0.6	0.0	0.5	43.3	1.1	11.8
1 JARDINOPOLIS 7938	6856	65	53	263	0.6	4.1	0.0	43.5	1.2	11.5
9 ACROSS 8039	6845	65	55	279	2.3	1.2	0.0	43.5	1.1	11.6
5 TOCUMEN 8039	6692	63	56	273	2.9	1.1	0.5	42.3	1.2	12.0
6 SAN JERONIMO 8039	6516	62	54	278	2.9	2.3	0.0	43.5	1.1	11.7
MEANS	7057	67	55	280	1.8	2.3	0.2	42.9	1.2	11.9
MAXIMUM	7687	73	57	293	4.4	4.8	1.0	43.8	1.3	12.5
MINIMUM	6516	62	53	261	0.6	0.0	0.0	40.3	1.0	11.5
CHECKS (TESTIGOS):										
14 SR52(N)	10560	-	50	295	0.0	3.5	0.6	43.3	1.0	12.0
15 R201(N)	9377	-	52	294	1.7	1.1	7.7	43.8	1.0	11.8
13 R61	4998	-	56	323	4.1	19.3	4.6	25.0	0.8	11.5
CHECK MEANS	8311	-	52	303	1.9	8.0	4.3	37.3	0.9	11.8
5% LSD	734.7		1.0	13.5				5.1		0.0
C.V.	7.0		1.3	3.3				8.6		0.0

TABLE: 310-V-82

EVT 15A: YEAR 1982 SAUDI ARABIA HOFUF

CO-OPERATOR: LIN CHUANG CHENG

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
12 ACROSS 7726 NRE	6974	144	80	184	94	2.8	43.5	1.3	0.0	1.3	85.5	0.7	31.2
11 ACROSS 7740 RE	6826	140	81	182	92	2.7	43.8	1.3	0.0	1.3	86.3	0.9	40.2
10 ACROSS 7940	6778	140	78	178	90	3.3	43.3	1.0	0.0	1.5	84.5	0.8	36.0
9 ACROSS 8039	6453	133	76	180	90	3.3	43.5	1.5	0.0	1.5	86.3	0.8	32.8
7 FERKE (1) 8039	6330	130	75	172	84	3.4	42.3	1.5	0.0	1.5	84.8	0.8	33.0
4 SATIPO (2) 7839	6215	128	79	176	91	3.3	43.5	1.0	0.0	1.5	85.3	0.8	33.0
6 SAN JERONIMO 8039	6170	127	76	180	89	2.8	42.5	1.8	0.0	1.3	84.8	0.8	32.4
5 TOCUMEN 8039	6132	126	78	184	92	3.3	43.5	1.5	0.0	1.5	87.0	0.8	34.9
3 SATIPO (1) 7839	6095	125	80	183	92	3.9	43.3	1.8	0.0	1.8	85.0	0.8	35.6
8 POZA RICA 8039	5988	123	77	168	82	3.9	43.0	1.5	0.0	1.8	84.5	0.8	35.1
2 CHUGUISACA (1) 7839	5764	119	78	183	91	2.8	42.5	1.3	0.0	1.3	83.0	0.8	34.7
1 JARDINOPOLIS 7938	5516	114	76	170	87	4.0	42.8	2.0	0.0	1.8	83.3	0.8	32.7
MEANS	6270	129	78	178	89	3.3	43.1	1.4	0.0	1.5	85.0	0.8	34.3
MAXIMUM	6974	144	81	184	94	4.0	43.8	2.0	0.0	1.8	87.0	0.9	40.2
MINIMUM	5516	114	75	168	82	2.7	42.3	1.0	0.0	1.3	83.0	0.7	31.2
CHECKS (TESTIGOS):													
14 TAINAN 10	4859	-	79	197	98	3.1	39.3	2.0	0.0	1.3	79.5	0.9	33.8
13 TAINAN 5	4356	-	72	159	65	11.6	30.8	1.5	0.0	3.5	64.8	0.8	24.6
15 TAINAN 11	2621	-	79	171	74	16.3	24.3	2.3	0.0	3.8	48.5	1.2	26.8
CHECK MEANS	3945	-	76	175	78	10.3	31.4	1.9	0.0	2.8	64.3	1.0	28.4
5% LSD	1062.5		3.9	14.8	10.8		3.4						5.3
C.V.	12.8		3.5	5.8	8.7		5.9						11.2

TABLE: 311-V-82

EVT 15A: YEAR 1982 PAKISTAN ISLAMABAD

CO-OPERATOR: RASHID ANWAR

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM TURC	PLANTS HARV	PLANT ASPECT	EARS/ PLNT	MOIST %
11 ACROSS 7740 RE	5306	156	64	164	83	3.4	0.5	1.6	1.0	44.3	1.0	1.0	29.3
10 ACROSS 7940	4952	145	63	170	88	0.6	3.4	0.6	1.3	43.5	1.5	1.0	29.2
12 ACROSS 7726 NRE	4585	135	63	159	78	2.4	1.2	0.0	1.3	45.5	1.3	0.9	26.9
5 TOCUMEN 8039	4512	132	58	156	78	0.6	0.6	1.2	1.3	42.0	1.3	1.0	26.7
2 CHUQUISACA (1) 7839	4482	132	62	173	83	1.3	12.0	0.7	1.0	41.3	2.3	0.9	27.4
6 SAN JERONIMO 8039	4466	131	60	159	74	2.5	2.2	1.2	1.8	44.5	1.8	1.0	26.2
7 FERKE (1) 8039	4394	129	59	155	79	2.5	5.7	2.6	2.0	40.0	1.8	1.0	28.0
8 POZA RICA 8039	4373	128	59	156	75	0.6	4.4	0.6	1.5	40.0	2.0	1.0	26.2
4 SATIPO (2) 7839	4185	123	60	164	91	1.8	4.0	0.6	1.5	42.3	1.5	0.9	27.3
3 SATIPO (1) 7839	3995	117	63	171	86	4.6	2.1	0.7	1.5	36.5	1.3	0.9	29.4
1 JARDINOPOLIS 7938	3991	117	58	154	74	1.9	2.6	0.0	1.5	38.3	1.3	1.0	26.4
9 ACROSS 8039	3504	103	61	163	73	0.6	3.9	0.7	1.3	39.3	1.5	0.9	27.1
MEANS	4395	129	61	162	80	1.9	3.5	0.9	1.4	41.4	1.5	1.0	27.5
MAXIMUM	5306	156	64	173	91	4.6	12.0	2.6	2.0	45.5	2.3	1.0	29.4
MINIMUM	3504	103	58	154	73	0.6	0.5	0.0	1.0	36.5	1.0	0.9	26.2
CHECKS (TESTIGOS):													
15 PIRSABAK 7930	3407	-	56	139	64	1.7	3.4	0.8	2.0	29.8	1.8	1.1	25.4
13 POOL-17	2721	-	53	135	63	4.5	2.0	0.0	2.0	38.8	2.3	1.0	23.2
14 NEW SHAHEEN	2442	-	48	133	50	0.0	2.0	2.1	2.0	37.5	1.8	1.0	22.2
CHECK MEANS	2857	-	52	135	58	2.1	2.5	0.9	2.0	35.3	1.9	1.0	23.6
5% LSD	886.8		3.8	18.1	15.4					6.0			2.6
C.V.	15.2		4.6	8.1	14.3					10.4			6.9

TABLE: 312-V-82

EVT 15A: YEAR 1982 PAKISTAN PIRSABAK

CO-OPERATOR: M. SALIM CCRI, PIRSABAK

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
10 ACROSS 7940	4655	94	61	206	124	7.0	0.0	35.0	0.9	34.7
8 POZA RICA 8039	4559	92	59	199	120	7.2	0.0	34.8	0.9	31.4
6 SAN JERONIMO 8039	4551	92	60	215	133	9.3	0.0	35.8	0.9	32.5
9 ACROSS 8039	4329	88	61	199	120	8.2	0.0	33.8	1.0	31.9
11 ACROSS 7740 RE	4304	87	62	205	123	9.7	0.8	31.3	0.9	34.8
1 JARDINOPOLIS 7938	4149	84	59	205	124	14.0	1.6	33.0	1.0	31.4
7 FERKE (1) 8039	4124	84	61	190	113	15.4	0.0	30.0	1.0	32.2
4 SATIPO (2) 7839	4056	82	60	205	118	10.9	0.0	33.8	0.9	32.6
3 SATIPO (1) 7839	3904	79	62	218	126	16.9	0.0	33.8	0.9	33.3
5 TOCUMEN 8039	3776	77	62	200	123	12.3	0.7	37.5	0.9	32.7
2 CHUQUISACA (1) 7839	3572	72	62	196	116	10.4	0.0	32.5	0.9	31.0
12 ACROSS 7726 NRE	3218	65	63	194	118	15.3	0.0	27.5	0.9	30.8
MEANS	4100	83	61	203	121	11.4	0.3	33.2	0.9	32.4
MAXIMUM	4655	94	63	218	133	16.9	1.6	37.5	1.0	34.8
MINIMUM	3218	65	59	190	113	7.0	0.0	27.5	0.9	30.8
CHECKS (TESTIGOS):										
14 SARHAD WHITE	4935	-	58	191	98	27.8	0.7	31.8	1.0	29.1
15 SARHAD YELLOW	4722	-	59	200	108	23.0	1.6	35.8	0.9	30.1
13 PIRSABAK-80	4264	-	52	174	93	47.1	1.3	35.5	1.0	25.9
CHECK MEANS	4640	-	56	188	99	32.6	1.2	34.3	1.0	28.4
5% LSD	827.0		1.9	17.5	18.2			4.7		3.1
C.V.	13.8		2.2	6.1	10.9			9.8		6.9

TABLE: 313-V-82

EVT 15A: YEAR 1982 VIETNAM HUNG LOC

CO-OPERATOR: VO DINH LONG, LE THI TRU

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	CORTICIUM SASAKII %	ROOT LODG	%EAR ROT	ENDO HARD	PLANTS HARV	EAR ASPCT	%BAD H. C.	BORER %	PLNTS GERM	MOIST %
9 ACROSS 8039	4180	117	58	188	95	16.5	0.0	2.0	2.5	44.0	3.0	10.2	37.5	87.5	24.9
10 ACROSS 7940	3971	112	59	184	91	10.9	0.0	3.5	4.0	43.8	2.3	10.8	63.5	87.3	26.4
12 ACROSS 7726 NRE	3776	106	59	169	82	20.8	0.0	4.0	2.8	42.5	3.5	15.7	52.4	82.5	24.7
6 SAN JERONIMO 8039	3723	105	59	178	88	19.2	1.1	5.4	3.5	43.0	3.0	11.6	66.1	86.3	25.1
5 TOCUMEN 8039	3705	104	57	170	85	14.5	0.0	2.9	3.3	43.5	3.5	10.4	68.4	86.5	24.5
2 CHUQUISACA (1) 7839	3637	102	59	187	96	17.8	0.0	3.0	2.3	43.5	3.3	18.4	57.5	86.8	25.4
7 FERKE (1) 8039	3632	102	55	178	90	23.6	1.1	6.7	3.5	43.5	3.3	10.3	59.1	87.3	25.5
8 POZA RICA 8039	3598	101	58	168	87	14.6	0.6	3.7	2.3	42.8	3.8	22.8	50.6	86.5	25.0
1 JARDINOPOLIS 7938	3464	97	56	167	89	7.9	0.6	2.8	1.3	41.5	4.3	10.3	50.8	87.8	24.1
3 SATIPO (1) 7839	3449	97	58	188	98	19.2	4.6	4.5	4.0	43.0	3.8	8.7	66.4	85.8	25.4
4 SATIPO (2) 7839	3190	90	57	178	86	17.7	0.0	4.1	2.8	42.3	3.8	11.7	49.3	85.0	25.4
11 ACROSS 7740 RE	3123	88	64	180	90	13.3	0.6	8.8	3.8	43.3	4.5	12.6	65.4	87.3	25.9
MEANS	3621	102	58	178	90	16.3	0.7	4.3	3.0	43.0	3.5	12.8	57.3	86.4	25.2
MAXIMUM	4180	117	64	188	98	23.6	4.6	8.8	4.0	44.0	4.5	22.8	68.4	87.8	26.4
MINIMUM	3123	88	55	167	82	7.9	0.0	2.0	1.3	41.5	2.3	8.7	37.5	82.5	24.1
CHECKS (TESTIGOS):															
14 EARLI THAI COMP.	3560	-	56	207	112	9.0	0.0	2.2	2.0	31.8	1.8	14.5	63.1	62.8	24.6
15 EARLI THAI X BIGEI	3020	-	56	196	100	6.8	0.0	1.1	1.3	23.0	1.5	19.6	71.9	47.3	23.9
13 DI-AN COMPOSITE	2795	-	59	206	111	5.1	5.1	4.6	5.0	30.0	4.0	9.0	61.9	64.3	25.1
CHECK MEANS	3125	-	56	202	107	7.0	1.7	2.6	2.8	28.3	2.4	14.3	65.6	58.1	24.5
5% LSD	780.2		1.1	12.4	10.5					6.2					
C. V.	15.5		1.3	4.8	7.9					10.9					

TABLE: 314-V-82 TRIAL: EVT 15A:

YEAR: 1982 MEANS ACROSS 30 LOCATIONS

ENTRY NO. AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
10 ACROSS 7940	4687	White QPM	102	60	198
11 ACROSS 7740 RE	4576	White QPM	100	61	200
9 ACROSS 8039	4416	Yellow QPM	97	59	194
3 SATIPO (1) 7839	4367	Yellow QPM	95	60	201
6 SAN JERONIMO 8039	4344	Yellow QPM	95	59	194
7 FERKE (1) 8039	4321	Yellow QPM	94	59	189
2 CHUGUISACA (1) 7839	4309	Yellow QPM	94	60	197
5 TOCUMEN 8039	4308	Yellow QPM	94	59	196
8 POZA RICA 8039	4284	Yellow QPM	94	58	188
4 SATIPO (2) 7839	4266	Yellow QPM	93	59	200
12 ACROSS 7726 NRE	4233	Mezcla Amarilla	93	60	189
1 JARDINOPOLIS 7938	4087	PD (MS) 6 QPM	89	58	188

TABLE: 315-V-82

EVT 16A: YEAR 1982 ARGENTINA YATASTO

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	STEM LODG	ROOT LODG	PLANTS HARV	EARS/ PLNT	MOIST %
21 ACROSS 7845 RE	3687	115	23.5	64.4	35.0	0.9	21.6
12 ACROSS 8045	3685	115	33.4	68.1	35.3	0.9	20.6
8 OBREGON 8045	3635	113	34.1	73.8	35.0	0.9	21.2
1 CHUQUISACA (1) 7833	3469	108	27.1	66.9	35.3	0.9	23.2
7 CHUQUISACA 7845	3437	107	45.7	71.1	34.3	0.8	20.6
10 ANTALYA (1) 8045	3329	103	33.5	71.1	34.5	0.9	20.2
6 CHUQUISACA (1) 7845	3272	102	27.4	78.0	35.5	0.9	21.0
4 TLALTIZAPAN 8033	3227	100	36.8	71.2	35.5	0.9	20.3
9 TLALTIZAPAN 8045	3019	94	30.4	64.7	35.5	0.8	21.8
11 ANTALYA 8045	2830	88	27.0	62.0	35.3	0.8	20.9
5 YOUSAFWALA 8033	2785	87	30.4	60.9	34.5	0.8	21.0
3 PANTNAGAR (1) 8033	2667	83	30.3	64.8	34.8	0.8	19.9
16 ADAPAZARI 7948	2623	81	29.5	64.1	35.5	0.7	19.0
2 SAN JERONIMO 8033	2564	80	26.9	64.7	35.3	0.9	20.6
18 TLALTIZAPAN 7948	2484	77	30.4	49.9	35.5	0.7	18.6
13 OBREGON 8046	2479	77	39.5	70.9	35.0	0.9	18.7
14 TLALTIZAPAN 8046	2455	76	38.8	67.8	35.3	0.9	17.0
15 QUILAMAPU 7948	2372	74	37.0	74.1	35.3	0.7	18.9
20 ACROSS 7748 RE	2183	68	42.8	70.7	34.5	0.7	18.3
17 ADAPAZARI (1) 7948	2073	64	32.8	58.6	35.0	0.7	17.8
19 ACROSS 7948	1974	61	28.0	64.9	35.5	0.7	17.7
MEANS	2869	89	32.6	66.8	35.1	0.8	19.9
MAXIMUM	3687	115	45.7	78.0	35.5	0.9	23.2
MINIMUM	1974	61	23.5	49.9	34.3	0.7	17.0
CHECKS (TESTIGOS):							
24 LFALES 25	3218	-	26.8	61.7	34.5	0.9	24.5
22 TROPICO 226	3120	-	26.9	55.5	35.5	0.9	27.0
23 TROPICO 228	2750	-	29.3	80.0	35.0	0.9	25.0
CHECK MEANS	3029	-	27.6	65.7	35.0	0.9	25.5
5% LSD	873.8				1.3		1.3
C V.	21 4				2.7		4.6

TABLE: 316-V-82

EVT 16A: YEAR 1982 BOLIVIA IBOPERENDA

CO-OPERATOR: ALBERTO HINOJOSA PADILLA

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
12 ACROSS 8045	7402	126	54	203	100	2.3	0.0	3.8	43.8	1.3	1.0	20.5
11 ANTALYA 8045	6428	110	55	203	103	3.5	0.0	5.6	41.5	1.3	1.1	19.7
8 OBREGON 8045	6354	109	53	208	108	3.6	0.0	7.2	42.3	1.5	1.0	18.2
9 TLALTIZAPAN 8045	6250	107	55	210	106	2.3	0.0	2.3	43.5	1.5	1.0	18.5
21 ACROSS 7845 RE	6198	106	56	213	113	7.3	0.0	4.4	40.5	1.0	1.0	20.4
6 CHUQUISACA (1) 7845	5993	102	56	213	110	4.9	0.0	4.9	41.0	1.8	1.0	19.0
4 TLALTIZAPAN 8033	5978	102	54	199	99	3.1	0.0	4.6	41.3	1.8	1.0	20.1
7 CHUQUISACA 7845	5974	102	55	209	113	7.3	0.0	1.3	41.5	1.3	1.0	19.1
1 CHUQUISACA (1) 7833	5810	99	59	223	118	7.2	0.6	2.9	41.8	1.8	1.1	19.7
10 ANTALYA (1) 8045	5674	97	55	208	113	2.4	0.0	3.7	41.8	1.8	1.0	18.5
2 SAN JERONIMO 8033	5656	97	52	188	95	3.5	0.0	7.8	43.0	2.0	1.0	18.0
3 PANTNAGAR (1) 8033	5380	92	53	188	93	3.0	0.0	1.1	41.5	2.3	1.1	18.1
5 YOUSAFWALA 8033	5309	91	54	188	90	5.1	0.0	3.0	40.3	1.5	1.0	18.4
18 TLALTIZAPAN 7948	5169	88	52	198	99	8.0	0.0	6.2	41.8	2.8	1.0	17.9
19 ACROSS 7948	5006	86	50	200	98	12.0	0.0	11.5	40.3	3.0	1.1	16.1
20 ACROSS 7748 RE	4864	83	50	198	103	8.3	0.0	4.4	40.8	2.8	1.0	17.1
17 ADAPAZARI (1) 7948	4767	81	51	203	103	5.6	0.6	5.3	40.5	3.0	1.0	17.3
16 ADAPAZARI 7948	4601	79	51	203	98	8.1	0.0	9.5	40.5	2.5	1.0	18.4
15 GUILAMAPU 7948	4391	75	52	210	108	19.7	1.2	6.2	42.3	2.8	0.9	17.9
13 OBREGON 8046	4308	74	50	185	90	5.8	0.0	6.8	42.8	3.0	1.1	16.5
14 TLALTIZAPAN 8046	4249	73	50	195	100	6.0	0.0	6.0	42.3	3.0	1.1	18.0
MEANS	5512	94	53	202	103	6.1	0.1	5.2	41.6	2.1	1.0	18.4
MAXIMUM	7402	126	59	223	118	19.7	1.2	11.5	43.8	3.0	1.1	20.5
MINIMUM	4249	73	50	185	90	2.3	0.0	1.1	40.3	1.0	0.9	16.1
CHECKS (TESTIGOS):												
24 CUBANO AMARILLO	5854	-	62	289	170	4.3	3.3	1.3	37.8	2.0	1.0	22.1
23 AMARILLO	5212	-	57	250	130	6.0	13.1	4.6	40.8	2.5	1.0	16.7
22 AMARILLO LOCAL	5059	-	57	204	105	0.6	2.7	0.8	30.0	1.8	1.0	19.3
CHECK MEANS	5375	-	58	247	135	3.6	6.4	2.2	36.2	2.1	1.0	19.3
5% LSD	1080.3		1.9	26.5	21.2				4.2			2.3
C.V.	13.9		2.5	9.0	14.1				7.3			8.9

TABLE: 317-V-82

EVT 16A: YEAR 1982 BRAZIL CAPINOPOLIS

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	PLANT ASPECT	EARS/ PLNT	MOIST %
1 CHUGUISACA (1) 7833	4845	94	55	221	122	11.4	1.5	5.0	48.5	3.0	0.9	23.0
2 SAN JERONIMO 8033	4533	88	49	194	92	3.6	0.5	9.4	49.8	3.3	0.9	26.0
21 ACROSS 7845 RE	4332	84	50	202	95	17.8	1.5	5.8	49.0	2.5	0.8	21.1
11 ANTALYA 8045	4205	81	50	205	107	22.5	1.5	10.4	49.5	3.0	0.8	22.4
8 OBREGON 8045	4149	80	50	205	95	17.9	0.5	9.7	48.8	2.8	0.8	20.5
7 CHUGUISACA 7845	4054	79	50	201	97	42.3	1.5	11.1	49.5	2.5	0.7	21.8
12 ACROSS 8045	4003	78	50	192	94	19.8	2.0	6.4	49.3	3.0	0.8	20.7
6 CHUGUISACA (1) 7845	3984	77	50	198	91	20.0	2.6	12.0	47.5	2.3	0.8	21.9
13 OBREGON 8046	3844	74	48	188	93	12.8	1.0	2.1	51.0	3.8	1.0	27.6
9 TLALTIZAPAN 8045	3812	74	49	210	109	27.7	2.1	10.3	48.3	2.5	0.8	21.0
3 PANTNAGAR (1) 8033	3601	70	49	193	84	28.9	3.4	9.0	49.8	3.0	0.8	23.7
14 TLALTIZAPAN 8046	3437	67	48	171	83	12.6	0.5	2.2	51.5	4.0	0.9	28.6
10 ANTALYA (1) 8045	3431	66	50	183	76	20.8	1.6	10.0	48.3	3.0	0.8	21.6
15 QUILAMAPU 7948	3326	64	48	193	75	26.0	0.0	14.4	45.5	3.5	0.9	29.3
16 ADAPAZARI 7948	3296	64	48	197	77	24.1	0.5	15.9	49.0	4.0	0.9	30.7
4 TLALTIZAPAN 8033	3220	62	49	204	96	19.0	1.0	10.3	49.3	3.3	0.8	20.8
19 ACROSS 7948	3216	62	49	185	67	7.9	0.0	12.7	48.3	4.0	0.9	29.9
20 ACROSS 7748 RE	3049	59	49	202	85	11.5	0.0	18.9	49.5	4.0	0.9	30.4
5 YOUSAFWALA 8033	3028	59	50	197	94	14.1	1.0	15.9	49.8	3.0	0.7	21.4
17 ADAPAZARI (1) 7948	2823	55	48	195	71	28.5	0.0	18.1	48.8	4.0	0.9	28.6
18 TLALTIZAPAN 7948	2636	51	49	199	83	21.0	1.6	26.5	49.0	3.5	0.8	32.6
MEANS	3658	71	49	197	90	19.5	1.2	11.2	49.0	3.2	0.8	24.9
MAXIMUM	4845	94	55	221	122	42.3	3.4	26.5	51.5	4.0	1.0	32.6
MINIMUM	2636	51	48	171	67	3.6	0.0	2.1	45.5	2.3	0.7	20.5
CHECKS (TESTIGOS):												
23 COMPOSTO PT	5164	-	56	225	125	11.6	2.0	3.9	46.5	2.3	0.9	23.0
24 AG 403	5066	-	56	221	116	7.2	0.5	5.0	47.3	2.8	0.8	23.8
22 AG 401	4995	-	57	226	114	11.9	2.6	3.2	47.0	2.3	0.9	24.2
CHECK MEANS	5075	-	56	224	118	10.2	1.7	4.1	46.9	2.4	0.9	23.7
5% LSD	834 0		1.4	29.5	27.7				3.6			2.7
C.V.	15.4		2.0	10.5	21.1				5.2			7.8

TABLE: 318-V-82

EVT 16A: YEAR 1982 BRAZIL VIANA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
1 CHUGUISACA (1) 7833	2122	84	197	113	5.2	34.5	4.3	24.3	1.1	20.0
11 ANTALYA 8045	1905	75	192	92	9.2	27.6	15.0	25.3	1.2	16.5
12 ACROSS 8045	1878	74	182	93	7.7	37.6	17.9	23.0	1.2	15.6
7 CHUGUISACA 7845	1853	73	182	87	13.2	41.4	7.3	18.8	1.7	16.7
9 TLALTIZAPAN 8045	1846	73	193	91	6.9	36.5	17.2	26.0	1.1	17.0
21 ACROSS 7845 RE	1806	71	189	93	6.4	30.4	16.0	24.5	1.1	16.7
2 SAN JERONIMO 8033	1679	66	175	84	6.8	34.0	12.2	26.5	1.2	17.1
8 OBREGON 8045	1655	65	185	98	10.9	34.3	18.6	22.8	1.3	15.9
3 PANTNAGAR (1) 8033	1574	62	188	88	5.3	21.1	13.3	25.8	1.1	16.4
10 ANTALYA (1) 8045	1530	61	177	90	8.1	48.2	10.6	20.3	1.2	16.2
4 TLALTIZAPAN 8033	1381	55	181	90	8.8	23.4	21.8	23.0	1.1	16.5
6 CHUGUISACA (1) 7845	1283	51	179	92	11.4	46.1	18.9	20.0	1.2	16.7
5 YOUSAFWALA 8033	1262	50	179	92	12.3	31.5	23.0	23.5	1.0	16.5
13 OBREGON 8046	1228	49	171	80	17.4	47.9	16.6	19.5	1.4	17.2
19 ACROSS 7948	1212	48	174	76	20.9	49.4	17.0	17.3	1.2	19.8
18 TLALTIZAPAN 7948	1001	40	174	91	10.4	46.2	26.9	16.8	1.1	16.4
16 ADAPAZARI 7948	854	34	177	77	12.2	41.9	31.2	16.3	1.4	16.8
14 TLALTIZAPAN 8046	768	30	167	73	15.0	48.5	24.6	14.5	1.7	15.9
17 ADAPAZARI (1) 7948	686	27	171	69	9.1	41.7	30.0	20.8	1.2	19.8
20 ACROSS 7748 RE	659	26	189	96	10.2	53.7	25.4	18.8	1.3	17.5
15 QUILAMAPU 7948	609	24	184	73	12.7	33.5	26.3	15.5	1.4	17.9
MEANS	1371	54	181	87	10.5	38.5	18.9	21.1	1.3	17.1
MAXIMUM	2122	84	197	113	20.9	53.7	31.2	26.5	1.7	20.0
MINIMUM	609	24	167	69	5.2	21.1	4.3	14.5	1.0	15.6
CHECKS (TESTIGOS):										
22 AG 162	2527	-	200	122	4.7	25.5	2.9	27.8	1.2	17.2
23 CENTRALMEX	2099	-	252	137	7.5	14.4	6.8	23.3	1.1	20.0
24 CARGILL C 317	2047	-	211	134	10.0	34.2	10.9	23.0	1.3	17.5
CHECK MEANS	2224	-	220	130	7.4	24.7	6.9	24.7	1.2	18.2
5% LSD	823.0		18.6	18.2				7.0		
C.V.	39.5		7.1	13.9				23.2		

TABLE: 319-V-82

EVT 16A: YEAR 1982 CHILE SANTIAGO

CO-OPERATOR:

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
12 ACROSS 8045	7978	120	89	205	105	2.8	36.0	1.0	1.0	22.5
9 TLALTIZAPAN 8045	5891	88	89	188	93	2.8	36.0	1.0	1.0	24.3
8 OBREGON 8045	5710	86	89	210	115	2.8	35.5	1.0	1.0	26.6
5 YOUSAFWALA 8033	5637	85	86	188	95	2.8	36.0	1.0	1.0	24.5
10 ANTALYA (1) 8045	5567	84	89	190	105	2.8	36.0	1.0	1.0	24.8
11 ANTALYA 8045	5453	82	89	205	123	2.8	36.0	1.0	1.0	22.4
6 CHUQUISACA (1) 7845	5289	79	89	205	105	2.9	35.0	1.0	1.0	29.2
7 CHUQUISACA 7845	4765	72	89	200	98	3.3	31.0	1.0	1.0	27.7
4 TLALTIZAPAN 8033	4735	71	86	175	83	2.8	36.0	1.0	1.0	19.7
2 SAN JERONIMO 8033	4659	70	86	153	75	2.8	36.0	1.0	1.0	20.2
3 PANTNAGAR (1) 8033	4193	63	86	168	88	2.8	36.0	1.0	1.0	24.9
20 ACROSS 7748 RE	4176	63	79	163	78	2.9	34.5	1.0	1.0	17.8
21 ACROSS 7845 RE	3919	59	87	200	95	2.9	35.0	1.0	1.0	23.8
18 TLALTIZAPAN 7948	3837	58	78	148	74	5.8	34.5	3.0	1.0	22.6
13 OBREGON 8046	3300	50	87	145	70	2.8	36.0	1.0	1.0	19.1
16 ADAPAZARI 7948	3264	49	78	150	75	5.8	34.5	3.0	1.0	22.4
17 ADAPAZARI (1) 7948	3166	48	78	145	61	6.0	34.0	3.0	1.0	18.6
1 CHUQUISACA (1) 7833	3166	48	92	188	95	3.7	28.0	1.0	1.0	32.7
19 ACROSS 7948	3052	46	79	155	70	2.9	34.5	3.0	1.0	18.9
14 TLALTIZAPAN 8046	2944	44	78	133	66	2.9	35.0	3.0	1.0	19.1
15 QUILAMAPU 7948	2646	40	78	135	63	6.3	33.0	3.0	1.0	20.4
MEANS	4445	67	85	174	87	3.5	34.7	1.6	1.0	23.0
MAXIMUM	7978	120	92	210	123	6.3	36.0	3.0	1.0	32.7
MINIMUM	2646	40	78	133	61	2.8	23.0	1.0	1.0	17.8
CHECKS (TESTIGOS):										
24 LOCAL CHECK 3	6664	-	82	175	83	4.9	36.0	1.0	1.0	21.0
23 LOCAL CHECK 2	6240	-	87	203	103	5.6	36.0	1.0	1.0	21.7
22 LOCAL CHECK 1	5585	-	87	198	110	2.8	36.0	1.0	1.0	25.8
CHECK MEANS	6163	-	85	191	98	4.4	36.0	1.0	1.0	22.9
5% LSD	1172.5			20.6	18.7		3.2			0.4
C.V.	17.8			8.3	15.0		6.5			1.3

TABLE: 320-V-82

EVT 16A: YEAR 1982 PARAGUAY CAPITAN MIRANDA

CO-OPERATOR: VERONICA MACHADO

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SPODO	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM	MOIST %
12 ACROSS 8045	6262	177	70	174	85	26.3	1.2	6.1	2.0	42.0	1.8	30.5	2.5	86.8	14.8
9 TLALTIZAPAN 8045	6191	175	72	178	95	21.8	2.4	14.8	1.0	42.5	2.8	39.0	3.0	86.0	14.7
21 ACROSS 7845 RE	6191	175	72	186	89	21.4	1.8	18.6	1.5	42.3	2.8	56.4	2.8	86.0	14.8
11 ANTALYA 8045	6131	173	71	175	90	31.3	3.0	13.3	1.5	41.5	2.3	35.8	2.3	85.8	14.6
8 OBREGON 8045	6002	169	71	171	83	19.7	4.2	17.9	2.0	42.0	2.3	38.6	2.8	85.8	14.6
6 CHUGUISACA (1) 7845	6000	169	74	180	91	24.5	4.0	20.4	2.3	43.0	3.0	48.5	3.0	85.5	14.1
7 CHUGUISACA 7845	5571	157	73	181	83	35.1	2.5	20.9	1.3	39.8	2.8	62.2	3.0	85.0	14.2
4 TLALTIZAPAN 8033	5433	153	70	175	84	10.7	3.6	20.2	2.0	42.3	2.3	47.5	3.3	85.3	14.9
10 ANTALYA (1) 8045	5249	148	72	166	80	25.8	4.2	28.3	1.3	41.5	3.0	57.0	3.0	85.8	14.3
2 SAN JERONIMO 8033	5232	147	70	165	80	12.4	2.4	19.8	2.0	42.3	2.5	42.6	3.0	86.3	14.8
3 PANTNAGAR (1) 8033	5198	147	71	155	68	19.5	3.6	15.1	2.3	42.0	2.3	42.2	3.8	85.5	14.8
1 CHUGUISACA (1) 7833	4941	139	79	198	109	12.9	2.9	11.8	1.3	42.5	2.0	20.7	2.3	86.0	14.7
15 GUILAMAPU 7948	4938	139	68	166	78	75.7	5.6	30.6	1.8	41.5	3.5	38.1	5.0	86.8	14.5
5 YOUSAFWALA 8033	4917	139	70	166	79	14.5	2.3	18.3	1.3	43.0	2.5	51.7	4.0	87.0	14.9
20 ACROSS 7748 RE	4772	135	68	168	78	44.8	1.2	28.7	1.8	42.3	3.3	40.4	4.8	85.8	14.1
16 ADAPAZARI 7948	4727	133	68	168	71	39.0	5.6	37.4	2.3	40.5	3.8	37.4	4.5	85.5	14.3
17 ADAPAZARI (1) 7948	4718	133	67	164	70	40.5	3.0	33.3	2.0	41.3	4.0	42.9	4.8	86.0	14.1
13 OBREGON 8046	4640	131	64	145	61	32.6	7.1	30.2	2.0	39.8	3.3	34.2	5.0	86.3	11.1
18 TLALTIZAPAN 7948	4571	129	69	160	71	46.9	2.5	41.2	1.5	41.0	4.0	42.9	4.5	84.0	14.0
19 ACROSS 7948	4080	115	68	160	63	44.7	2.6	38.6	2.3	39.8	3.8	42.2	4.5	84.5	14.3
14 TLALTIZAPAN 8046	3797	107	66	148	66	43.6	2.4	30.5	2.0	41.3	3.3	38.9	5.0	85.5	14.4
MEANS	5217	147	70	169	80	30.7	3.2	23.6	1.8	41.6	2.9	42.4	3.6	85.7	14.3
MAXIMUM	6262	177	79	198	109	75.7	7.1	41.2	2.3	43.0	4.0	62.2	5.0	87.0	14.9
MINIMUM	3797	107	64	145	61	10.7	1.2	6.1	1.0	39.8	1.8	20.7	2.3	84.0	11.1
CHECKS (TESTIGOS):															
24 COMP. RACIAL AMARDII	3547	-	91	236	149	7.9	7.3	18.6	3.0	38.3	3.0	0.0	3.5	80.8	16.5
23 COMP. RACIAL AMAR DI	3339	-	93	246	155	8.5	8.2	19.0	3.0	33.3	3.3	2.1	4.0	73.3	17.2
22 VENEZUELA-1	2398	-	96	243	160	16.2	11.3	21.8	2.5	35.5	3.5	5.4	3.5	78.8	17.4
CHECK MEANS	3095	-	93	241	154	10.9	8.9	19.8	2.8	35.7	3.3	2.5	3.7	77.6	17.0
5% LSD	791.1		1.5	13.6	14.8					2.8					
C.V.	11.3		1.5	5.4	11.8					4.9					

TABLE: 321-V-82

EVT 16A: YEAR 1982 URUGUAY LA ESTANZUELA

CO-OPERATOR: ALBERTO FASSIO

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EARS/ PLNT	MOIST %
8 OBREGON 8045	3335	81	158	85	1.6	4.7	32.0	0.5	16.2
16 ADAPAZARI 7948	3213	78	146	70	6.5	2.5	31.0	0.4	14.0
18 TLALTIZAPAN 7948	3186	78	144	74	4.0	0.8	31.3	0.4	14.6
11 ANTALYA 8045	3161	77	148	74	0.0	2.4	31.8	0.4	16.1
12 ACROSS 8045	3150	77	153	85	1.6	1.6	31.8	0.4	16.3
21 ACROSS 7845 RE	3074	75	151	84	0.9	1.6	31.3	0.4	15.7
7 CHUQUISACA 7845	3060	75	149	84	1.6	1.6	31.8	0.4	15.7
3 PANTNAGAR (1) 8033	3011	73	150	74	0.0	0.8	31.5	0.4	15.2
15 QUILAMAPU 7948	2990	73	139	73	13.4	0.8	31.5	0.4	14.2
20 ACROSS 7748 RE	2969	72	145	74	2.4	1.6	31.3	0.4	14.4
10 ANTALYA (1) 8045	2963	72	146	83	0.0	2.4	31.5	0.4	15.6
17 ADAPAZARI (1) 7948	2908	71	140	70	8.6	1.6	31.8	0.5	13.8
6 CHUQUISACA (1) 7845	2908	71	154	83	2.3	3.2	31.8	0.4	15.9
2 SAN JERONIMO 8033	2839	69	148	83	2.4	2.4	31.0	0.4	16.4
9 TLALTIZAPAN 8045	2792	68	155	88	0.0	1.6	31.8	0.4	15.7
5 YOUSAFWALA 8033	2784	68	145	83	0.0	0.8	31.5	0.4	15.8
4 TLALTIZAPAN 8033	2700	66	160	88	3.2	2.4	31.0	0.4	15.6
13 OBREGON 8046	2609	64	150	79	3.2	1.6	31.8	0.5	14.4
19 ACROSS 7948	2582	63	141	71	13.3	1.6	31.8	0.4	14.5
14 TLALTIZAPAN 8046	2508	61	143	74	1.6	0.8	31.5	0.5	14.3
1 CHUQUISACA (1) 7833	2446	60	170	104	0.0	1.6	31.3	0.5	18.4
MEANS	2914	71	149	80	3.2	1.8	31.5	0.4	15.4
MAXIMUM	3335	81	170	104	13.4	4.7	32.0	0.5	18.4
MINIMUM	2446	60	139	70	0.0	0.8	31.0	0.4	13.8
CHECKS (TESTIGOS):									
24 CARGILL R120	4098	-	158	78	1.6	4.0	31.3	0.5	16.8
22 ESTAMAPROL	3424	-	156	95	6.6	13.6	31.0	0.5	15.6
23 AMBUE	3249	-	158	96	2.4	8.2	31.0	0.5	16.7
CHECK MEANS	3590	-	157	89	3.5	8.6	31.1	0.5	16.4
5% LSD	498.4		11.6	11.4			1.1		0.8
C.V.	11.8		5.5	10.0			2.5		3.6

TABLE: 322-V-82

EVT 16A: YEAR 1982 MEXICO BUENAVENTURA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SPODO	PLANTS HARV	EAR ASPCT	SMUT %	PLANT ASPECT	EARS/ PLNT	MOIST %
9 TLALTIZAPAN 8045	4761	96	65	142	87	6.3	0.0	22.4	5.5	44.0	4.3	22.2	5.5	1.0	22.6
8 OBREGON 8045	4661	94	67	172	96	13.1	0.0	29.7	4.8	44.0	4.8	19.3	5.8	1.0	23.0
11 ANTALYA 8045	4591	92	66	166	91	8.5	0.0	21.3	4.5	44.0	4.0	23.3	6.8	0.9	22.2
12 ACROSS 8045	4521	91	66	158	91	4.0	0.0	26.4	5.0	44.0	4.5	20.5	5.5	1.0	23.3
6 CHUGUISACA (1) 7845	4360	88	66	147	89	4.0	0.6	33.2	4.8	44.0	4.8	25.6	6.0	0.9	22.8
5 YOUSAFWALA 8033	4179	84	64	165	92	0.6	0.6	35.4	5.5	44.0	5.3	29.5	5.8	1.0	24.3
15 QUILAMAPU 7948	3993	80	63	153	72	5.7	0.0	57.3	5.5	44.0	7.8	42.0	6.5	0.9	21.5
2 SAN JERONIMO 8033	3884	78	63	148	79	5.7	1.1	26.6	5.0	44.0	5.5	26.1	5.3	0.9	24.2
21 ACROSS 7845 RE	3845	77	67	155	83	0.0	0.6	19.9	4.5	44.0	4.3	14.2	5.8	0.9	24.2
14 TLALTIZAPAN 8046	3829	77	63	145	80	3.4	0.0	31.3	4.3	44.0	6.8	18.8	7.3	1.1	20.7
10 ANTALYA (1) 8045	3657	74	70	138	83	0.6	0.0	29.5	4.8	44.0	5.5	16.5	7.5	0.9	24.3
13 OBREGON 8046	3640	73	63	145	81	3.4	0.0	30.9	5.3	44.0	7.3	12.5	7.5	1.1	24.9
7 CHUGUISACA 7845	3608	73	70	155	83	2.8	0.0	34.3	4.3	44.0	6.0	22.2	6.8	0.8	23.9
1 CHUGUISACA (1) 7833	3530	71	74	175	115	4.0	1.1	25.1	5.0	44.0	5.0	22.7	6.5	0.9	25.8
19 ACROSS 7948	3476	70	63	150	71	2.8	0.0	57.8	4.8	44.0	8.0	43.8	7.5	0.9	20.7
3 PANTNAGAR (1) 8033	3360	68	66	133	76	1.1	0.0	39.0	3.5	44.0	6.8	26.1	7.5	1.0	23.6
20 ACROSS 7748 RE	3347	67	63	158	80	4.5	0.0	51.0	4.8	44.0	7.8	43.2	8.0	0.9	21.6
18 TLALTIZAPAN 7948	3259	66	64	162	84	2.9	0.0	65.9	5.3	42.5	8.3	40.0	6.8	0.9	21.1
16 ADAPAZARI 7948	3117	63	64	154	76	2.3	0.0	57.2	6.3	44.0	7.8	47.7	8.5	0.9	22.2
4 TLALTIZAPAN 8033	3036	61	65	139	75	0.6	1.1	33.9	5.5	44.0	6.0	29.5	8.0	0.9	23.9
17 ADAPAZARI (1) 7948	2488	50	64	130	60	0.6	0.6	69.5	4.0	44.0	8.3	46.0	8.3	0.9	20.8
MEANS	3769	76	65	152	83	3.7	0.3	38.0	4.9	43.9	6.1	28.2	6.8	0.9	22.9
MAXIMUM	4761	96	74	175	115	13.1	1.1	69.5	6.3	44.0	8.3	47.7	8.5	1.1	25.8
MINIMUM	2488	50	63	130	60	0.0	0.0	19.9	3.5	42.5	4.0	12.5	5.3	0.8	20.7
CHECKS (TESTIGOS):															
23 PX-74 HIBRIDO E.U.A	4970	-	65	174	95	0.6	0.0	37.2	5.0	44.0	4.8	12.5	4.3	0.9	20.6
22 V-416	3695	-	72	186	102	35.6	0.6	17.1	4.3	39.8	4.3	14.5	7.0	0.9	27.1
24 H-412 PRONASE	3615	-	76	185	122	5.1	0.0	20.0	6.0	44.0	5.0	27.8	6.0	0.9	25.3
CHECK MEANS	4093	-	71	181	106	13.8	0.2	24.8	5.1	42.6	4.7	18.3	5.8	0.9	24.3
5% LSD	1145.6		4.1	21.6	17.2					2.6					3.3
C.V.	21.3		4.4	9.8	14.2					4.1					10.3

TABLE: 323-V-82

EVT 16A: YEAR 1982 MEXICO DELICIAS

CO-OPERATOR: ING. JESUS M. RODRIGUEZ

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	SMUT %	PLANT ASPECT	EARS/ PLNT	MOIST %
4 TLALTIZAPAN 8033	4006	79	57	165	83	6.1	2.1	35.8	2.0	72.0	3.6	4.6	2.5	1.1	19.7
2 SAN JERONIMO 8033	3838	76	58	169	85	6.0	6.2	35.7	1.8	76.5	3.8	8.3	3.3	1.0	17.8
8 OBREGON 8045	3800	75	60	172	87	4.3	10.2	35.0	1.8	69.0	3.8	7.9	3.8	1.1	17.5
1 CHUGUISACA (1) 7833	3725	73	67	182	108	4.2	22.6	25.7	2.8	69.0	3.5	11.8	2.8	1.1	23.5
3 PANTNAGAR (1) 8033	3625	71	58	167	80	5.6	6.4	30.6	1.3	76.0	3.8	7.8	3.5	1.0	17.2
12 ACROSS 8045	3600	71	60	170	88	6.7	15.0	30.4	1.3	73.8	3.8	3.9	3.3	1.1	18.0
7 CHUGUISACA 7845	3569	70	64	182	97	4.0	11.7	29.5	2.8	72.3	3.9	12.0	3.3	0.9	20.1
5 YOUSAFWALA 8033	3394	67	58	163	86	1.3	7.5	34.7	2.8	76.5	3.9	12.1	4.3	1.0	18.0
9 TLALTIZAPAN 8045	3313	65	61	178	94	5.1	8.6	35.2	2.0	69.5	3.6	7.3	3.5	1.0	18.0
6 CHUGUISACA (1) 7845	3250	64	64	180	99	3.8	9.6	42.0	2.3	71.8	4.0	12.1	3.0	0.9	18.7
10 ANTALYA (1) 8045	3113	61	61	165	79	4.0	7.2	37.5	1.3	74.5	3.6	5.4	2.8	0.9	18.0
21 ACROSS 7845 RE	3106	61	63	176	93	2.5	2.0	26.9	2.0	78.3	3.8	9.3	3.0	0.8	19.2
14 TLALTIZAPAN 8046	3100	61	55	154	75	5.4	4.0	31.0	2.0	77.0	3.6	4.0	4.0	1.1	15.9
13 OBREGON 8046	2788	55	56	153	62	4.2	5.5	34.9	1.3	68.0	4.0	3.5	5.0	1.2	15.6
11 ANTALYA 8045	2759	54	61	165	82	9.4	8.0	40.6	3.0	72.3	4.1	7.9	3.5	0.9	17.0
19 ACROSS 7948	2250	44	56	166	74	7.7	12.1	53.2	2.3	71.3	4.4	8.0	4.8	0.9	13.7
17 ADAPAZARI (1) 7948	2203	43	55	170	70	5.7	5.5	53.5	3.0	69.8	4.5	4.4	3.8	0.9	13.6
15 QUILAMAPU 7948	2063	41	57	184	84	7.2	7.6	54.1	2.0	69.3	4.5	3.9	4.5	0.9	14.3
20 ACROSS 7748 RE	2016	40	57	171	89	5.8	11.1	51.5	2.8	67.5	4.4	6.6	4.0	0.9	14.4
18 TLALTIZAPAN 7948	1947	38	57	187	88	5.0	17.0	60.3	2.0	67.8	4.5	10.5	4.5	0.9	12.1
16 ADAPAZARI 7948	1831	36	56	174	77	2.7	4.6	47.8	3.0	66.3	4.4	8.7	4.5	1.1	13.9
MEANS	3014	59	59	171	85	5.1	8.8	39.3	2.1	71.8	4.0	7.6	3.7	1.0	17.0
MAXIMUM	4006	79	67	187	108	9.4	22.6	60.3	3.0	78.3	4.5	12.1	5.0	1.2	23.5
MINIMUM	1831	36	55	153	62	1.3	2.0	25.7	1.3	66.3	3.5	3.5	2.5	0.8	12.1
CHECKS (TESTIGOS):															
23 LOCAL CHECK 2	5081	-	61	224	120	1.3	6.1	22.5	2.0	74.5	3.4	11.6	2.3	0.9	18.6
22 LOCAL CHECK 1	4675	-	62	230	126	3.5	8.8	23.6	1.3	72.0	3.4	8.7	2.3	0.8	20.7
24 LOCAL CHECK 3	4000	-	70	236	143	1.7	13.5	21.2	1.8	71.5	3.5	16.7	2.5	0.9	29.0
CHECK MEANS	4585	-	64	230	129	2.2	9.5	22.4	1.7	72.7	3.4	12.3	2.3	0.9	22.8
5% LSD	646.5		2.1	16.2	18.7					7.8					2.1
C.V	14.3		2.5	6.4	14.7					7.7					8.5

TABLE: 324-V-82

EVT 16A: YEAR 1982 MEXICO OBREGON(3)

CO-OPERATOR:

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
1 CHUGUISACA (1) 7833	6043	109	67	220	130	6.7	73.6	5.8	42.3	2.3	9.9	7.5	1.0	33.0
11 ANTALYA 8045	5853	105	60	195	109	14.8	75.5	6.3	38.0	3.3	9.6	8.5	1.1	27.1
12 ACROSS 8045	5742	103	57	191	103	9.8	77.4	5.7	42.0	3.0	11.9	7.3	1.1	30.5
2 SAN JERONIMO 8033	5617	101	58	196	104	9.1	63.6	10.6	43.0	2.3	7.0	7.8	1.0	29.3
5 YOUSAFWALA 8033	5509	99	56	180	115	16.0	51.3	16.4	41.3	3.5	14.0	6.8	1.3	27.8
8 OBREGON 8045	5487	99	59	191	101	9.6	81.6	8.5	39.5	3.3	15.4	8.3	1.1	29.1
9 TLALTIZAPAN 8045	5293	95	60	206	110	7.0	74.3	8.1	39.8	4.0	13.1	7.5	1.1	28.5
3 PANTNAGAR (1) 8033	5182	93	58	191	96	22.7	56.6	9.7	39.8	3.0	13.1	6.8	1.2	26.4
10 ANTALYA (1) 8045	5157	93	60	183	103	3.7	75.4	7.3	40.5	2.8	12.3	7.5	1.0	31.2
21 ACROSS 7845 RE	5044	91	61	211	114	8.5	73.6	16.2	40.5	4.0	11.2	7.3	1.2	30.3
6 CHUGUISACA (1) 7845	4974	89	64	194	110	5.2	85.6	11.6	36.8	3.5	19.6	7.3	1.0	31.5
4 TLALTIZAPAN 8033	4742	85	59	181	101	12.3	75.7	17.1	38.5	4.0	8.1	8.3	1.2	27.3
7 CHUGUISACA 7845	4716	85	60	183	96	5.3	84.2	19.9	39.5	4.8	7.6	8.8	1.1	28.0
19 ACROSS 7948	4519	81	54	195	100	26.4	35.3	15.2	36.5	5.3	17.9	7.3	1.1	23.9
18 TLALTIZAPAN 7948	4210	76	57	181	96	25.1	56.4	17.9	38.0	5.5	21.2	8.3	1.2	25.4
15 QUILAMAPU 7948	4186	75	56	188	90	18.3	62.4	15.7	41.3	6.0	23.0	7.8	1.0	24.9
14 TLALTIZAPAN 8046	4082	73	53	178	93	17.4	58.9	10.0	40.0	3.3	8.9	7.3	1.1	24.4
16 ADAPAZARI 7948	3937	71	54	185	91	29.3	47.4	22.0	36.0	5.5	15.6	7.5	1.2	23.6
13 OBREGON 8046	3341	60	51	166	83	14.4	66.4	3.3	33.0	3.8	7.8	8.0	1.3	23.4
17 ADAPAZARI (1) 7948	3210	58	55	185	89	17.0	64.7	32.5	34.8	7.3	13.0	8.0	1.2	21.7
20 ACROSS 7748 RE	3039	55	57	189	108	18.8	64.2	28.7	30.5	5.5	10.5	8.3	1.2	24.9
MEANS	4756	86	58	190	102	14.2	66.9	13.7	38.6	4.1	12.9	7.7	1.1	27.2
MAXIMUM	6043	109	67	220	130	29.3	85.6	32.5	43.0	7.3	23.0	8.8	1.3	33.0
MINIMUM	3039	55	51	166	83	3.7	35.3	3.3	30.5	2.3	7.0	6.8	1.0	21.7
CHECKS (TESTIGOS):														
23 V-455	5559	-	70	196	118	3.7	86.8	7.1	38.8	2.3	9.4	6.3	1.0	42.5
24 H-419	4562	-	70	239	148	14.0	82.5	19.3	40.0	3.5	10.6	7.5	1.0	33.0
22 BD-2	3859	-	63	160	89	1.7	61.5	3.1	23.0	2.0	12.4	5.8	1.1	31.5
CHECK MEANS	4660	-	67	198	117	6.5	77.0	9.8	33.9	2.6	10.8	6.5	1.0	35.7
5% LSD	1039.1		2.7	20.5	23.6				6.0					3.4
C. V.	15.5		3.3	7.6	16.1				11.2					8.4

TABLE: 325-V-82

EVT 16A: YEAR 1982 ANGOLA CHIANGO

CO-OPERATOR: FERNANDO MARCELINO

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM TURC	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
21 ACROSS 7845 RE	6411	95	73	210	113	21.0	4.7	10.3	3.0	0.0	42.5	2.3	48.3	3.3	18.6
1 CHUQUISACA (1) 7833	6235	93	79	229	134	26.5	2.4	18.9	3.8	0.6	43.0	1.8	35.6	2.8	20.8
8 OBREGON 8045	5912	88	72	195	103	22.8	3.5	16.2	3.3	0.0	42.8	3.0	31.5	3.3	16.2
7 CHUQUISACA 7845	5901	88	74	193	98	39.3	5.2	14.3	3.3	0.6	43.3	3.0	31.7	3.0	17.7
6 CHUQUISACA (1) 7845	5647	84	74	205	115	21.1	10.8	11.4	4.0	0.6	41.5	2.0	39.1	2.5	17.8
11 ANTALYA 8045	5385	80	72	175	83	25.3	4.7	14.8	3.0	0.6	41.5	2.5	25.8	2.8	19.6
12 ACROSS 8045	5381	80	72	190	85	33.1	4.7	12.2	3.8	1.2	42.8	3.3	21.7	3.3	18.6
9 TLALTIZAPAN 8045	5211	77	71	193	100	16.2	14.4	10.1	4.0	0.0	40.3	2.0	27.4	3.0	17.2
10 ANTALYA (1) 8045	5123	76	73	179	88	45.3	5.6	16.4	4.0	0.0	40.5	3.3	35.9	3.5	17.7
2 SAN JERONIMO 8033	4711	70	69	184	91	26.2	4.2	14.7	4.3	0.6	42.0	2.5	19.6	3.3	16.5
3 PANTNAGAR (1) 8033	4417	66	68	190	98	32.4	5.7	13.1	4.5	0.0	43.5	3.3	25.8	3.8	16.6
4 TLALTIZAPAN 8033	4244	63	69	181	85	23.7	7.6	10.7	3.8	0.6	42.5	2.8	13.6	3.0	17.1
5 YOUSAFWALA 8033	3711	55	70	165	78	19.9	4.1	23.8	4.5	0.6	41.8	3.8	23.4	4.3	15.8
20 ACROSS 7748 RE	3588	53	68	195	83	46.0	9.1	31.6	4.5	0.0	42.0	4.8	28.8	3.8	13.7
18 TLALTIZAPAN 7948	3522	52	68	179	84	67.1	1.2	29.2	4.5	0.6	42.5	4.0	35.3	4.3	13.1
15 QUILAMAPU 7948	3327	49	69	203	78	74.6	5.1	41.2	4.5	0.6	41.0	3.8	36.9	3.3	21.5
16 ADAPAZARI 7948	3308	49	68	188	78	55.9	6.2	29.0	4.5	0.0	40.5	4.5	26.4	4.5	14.7
19 ACROSS 7948	3260	48	67	181	78	38.0	8.6	25.6	4.5	0.7	41.0	3.8	34.1	3.8	13.6
17 ADAPAZARI (1) 7948	3224	48	66	191	74	44.8	9.4	22.6	4.5	0.0	40.5	4.0	34.4	4.0	13.6
14 TLALTIZAPAN 8046	2809	42	63	155	70	35.3	4.1	25.6	4.8	0.0	42.3	5.0	19.6	5.0	13.6
13 OBREGON 8046	2527	38	62	160	78	31.8	10.7	22.2	4.8	0.6	42.3	4.8	21.9	4.8	14.2
MEANS	4469	66	70	188	90	35.5	6.3	19.7	4.1	0.4	41.9	3.3	29.4	3.6	16.6
MAXIMUM	6411	95	79	229	134	74.6	14.4	41.2	4.8	1.2	43.5	5.0	48.3	5.0	21.5
MINIMUM	2527	38	62	155	70	16.2	1.2	10.1	3.0	0.0	40.3	1.8	13.6	2.5	13.1
CHECKS (TESTIGOS):															
23 HTCA2	6733	-	80	268	161	4.4	12.9	10.1	3.0	0.8	35.5	2.0	24.6	3.0	25.4
22 SAM3	6181	-	86	283	170	4.1	18.2	13.6	2.5	0.7	36.0	2.3	40.5	3.0	24.8
24 BRANCO REDONDO	5318	-	88	265	188	1.3	12.6	15.1	2.0	4.8	37.3	2.8	17.2	3.0	25.4
CHECK MEANS	6077	-	84	271	172	3.2	14.6	12.9	2.5	2.1	36.3	2.3	27.4	3.0	25.2
5% LSD	706.9		1.9	21.3	23.7						3.1				
C. V.	10.7		1.9	7.6	16.8						5.3				

TABLE: 326-V-82

EVT 16A: YEAR 1982 LIBYA ALKUFRA

CO-OPERATOR: RESEARCH CENTRE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	TOTAL DM * Q/Ha.	EARS/ PLNT
12 ACROSS 8045	8800	88	56	197	97	24.0	1.5	1.4	179.9	1.1
15 QUILAMAPU 7948	8800	88	57	189	82	24.0	1.8	1.3	171.9	1.1
7 CHUGUISACA 7845	8489	85	60	208	100	24.0	2.3	1.3	184.4	1.0
10 ANTALYA (1) 8045	8267	82	56	200	94	24.0	2.3	2.0	183.0	1.1
11 ANTALYA 8045	8267	82	58	193	103	24.0	2.5	1.6	176.4	1.1
18 TLALTIZAPAN 7948	8222	82	56	169	81	24.0	2.3	1.5	168.4	1.0
17 ADAPAZARI (1) 7948	8222	82	55	191	84	24.0	2.8	1.3	159.5	1.1
1 CHUGUISACA (1) 7833	8178	81	64	224	131	24.0	2.3	1.8	181.7	1.1
21 ACROSS 7845 RE	8089	81	59	216	104	24.0	2.3	1.5	181.7	1.1
5 YOUSAFWALA 8033	8044	80	59	189	91	24.0	1.8	1.0	177.7	1.2
4 TLALTIZAPAN 8033	8000	80	56	212	110	24.0	1.8	1.4	183.5	1.0
8 OBREGON 8045	8000	80	57	209	101	24.0	2.0	1.0	168.8	1.0
6 CHUGUISACA (1) 7845	7733	77	59	200	103	24.0	2.3	1.8	182.1	1.0
2 SAN JERONIMO 8033	7689	77	58	190	94	24.0	2.0	1.0	163.0	1.1
20 ACROSS 7748 RE	7556	75	55	197	85	24.0	3.0	1.4	159.0	1.1
9 TLALTIZAPAN 8045	7467	74	57	196	104	24.0	2.5	1.3	159.5	1.0
19 ACROSS 7948	7467	74	56	188	93	24.0	2.3	2.0	174.1	1.0
3 PANTNAGAR (1) 8033	7378	73	56	194	92	24.0	2.5	1.5	165.7	1.2
16 ADAPAZARI 7948	7156	71	57	203	96	24.0	2.8	1.6	148.8	1.0
13 OBREGON 8046	6489	65	56	177	77	24.0	3.0	1.4	129.3	1.3
14 TLALTIZAPAN 8046	6044	60	53	180	85	24.0	2.8	1.9	129.3	1.1
MEANS	7826	78	57	196	95	24.0	2.3	1.5	168.0	1.1
MAXIMUM	8800	88	64	224	131	24.0	3.0	2.0	184.4	1.3
MINIMUM	6044	60	53	169	77	24.0	1.5	1.0	129.3	1.0
CHECKS (TESTIGOS):										
23 NEELUM	10044	-	61	236	141	24.0	1.0	1.1	247.4	1.1
24 NEELUM	8400	-	62	245	136	24.0	2.5	2.3	236.3	1.1
22 NEELUM	8400	-	61	238	126	24.0	2.3	1.8	204.8	1.1
CHECK MEANS	8948	-	61	239	134	24.0	1.9	1.7	229.5	1.1
5% LSD	1931.7		4.1	23.6	20.9					
C.V.	17.2		5.0	8.3	14.8					

* TOTAL DRY MATTER.

TABLE: 327-V-82

EVT 16A: YEAR 1982 MOROCCO BOULADUANE

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	PLANTS HARV	SMUT %	BORER %	DAYS POLLEN	EARS/ PLNT
4 TLALTIZAPAN 8033	6439	116	69	215	100	4.1	0.0	42.3	2.4	0.6	61.5	118.4
15 GUILAMAPU 7948	6432	116	70	210	80	1.8	0.0	40.5	1.2	6.8	62.3	131.8
20 ACROSS 7748 RE	6354	115	76	228	93	1.3	0.5	42.0	1.2	2.9	65.3	110.1
16 ADAPAZARI 7948	6327	114	77	193	88	1.7	0.5	41.8	0.6	2.4	68.0	115.6
5 YOUSAFWALA 8033	6303	114	77	220	88	0.6	1.4	42.3	1.1	0.6	68.0	127.0
21 ACROSS 7845 RE	6259	113	77	230	95	1.2	2.3	40.5	1.9	6.3	67.5	109.1
8 OBREGON 8045	6235	113	77	218	98	0.6	0.0	41.5	1.2	3.0	69.0	105.9
17 ADAPAZARI (1) 7948	6126	111	72	215	75	0.0	0.0	41.5	1.3	6.4	69.5	120.9
19 ACROSS 7948	6116	111	72	205	73	1.1	0.0	41.8	0.0	4.1	64.0	114.0
9 TLALTIZAPAN 8045	6097	110	78	223	110	1.8	0.0	41.5	0.0	5.4	68.8	116.6
12 ACROSS 8045	6073	110	80	208	90	0.0	0.6	41.5	0.6	1.2	73.3	113.3
3 PANTNAGAR (1) 8033	5927	107	77	203	88	2.4	0.4	42.0	0.0	2.4	68.0	126.6
18 TLALTIZAPAN 7948	5811	105	77	208	85	0.6	1.6	39.5	2.2	3.7	68.0	115.8
2 SAN JERONIMO 8033	5649	102	78	205	90	1.2	0.5	42.0	1.2	1.2	66.3	115.2
7 CHUGUISACA 7845	5564	101	77	218	90	1.1	0.0	42.5	0.6	1.7	69.8	90.5
6 CHUGUISACA (1) 7845	5472	99	80	230	98	2.4	0.0	41.0	1.2	1.8	73.0	100.8
10 ANTALYA (1) 8045	5333	96	81	208	83	1.8	0.7	42.0	1.8	1.2	72.0	101.8
11 ANTALYA 8045	5096	92	77	218	98	1.2	0.0	42.3	1.2	2.4	68.0	107.5
1 CHUGUISACA (1) 7833	5030	91	84	240	108	1.7	11.4	41.5	7.8	0.6	81.5	110.9
13 OBREGON 8046	4907	89	68	185	75	0.6	0.9	40.8	1.2	1.8	61.3	134.0
14 TLALTIZAPAN 8046	4538	82	67	183	70	0.6	1.0	41.0	0.0	4.9	60.3	124.9
MEANS	5814	105	76	212	89	1.3	1.0	41.5	1.4	2.9	67.9	114.8
MAXIMUM	6439	116	84	240	110	4.1	11.4	42.5	7.8	6.8	81.5	134.0
MINIMUM	4538	82	67	183	70	0.0	0.0	39.5	0.0	0.6	60.3	90.5
CHECKS (TESTIGOS):												
22 LOCAL CHECK 1	5535	-	77	190	80	1.7	0.0	43.0	0.0	7.0	67.5	102.5
23 LOCAL CHECK 2	5333	-	81	220	95	2.9	0.0	39.5	0.0	1.5	74.0	92.5
24 LOCAL CHECK 3	5176	-	68	185	65	2.5	3.6	40.0	0.0	8.0	59.0	105.7
CHECK MEANS	5348	-	75	198	80	2.4	1.2	40.8	0.0	5.5	66.8	100.2
5% LSD	1238.7		3.0	20.2	18.6			3.3				
C.V.	15.3		2.8	6.8	15.0			5.7				

TABLE: 328-V-82

EVT 16A: YEAR 1982 MOROCCO DEROUA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	PLANTS HARV	SMUT %	BORER %	DAYS POLLEN	EARS/ PLNT
19 ACROSS 7948	4126	152	74	186	81	61.6	38.5	2.0	6.3	69.5	1.1
7 CHUGUISACA 7845	3937	145	78	202	102	35.1	39.5	13.3	2.5	74.0	1.1
5 YOUSAFWALA 8033	3893	143	76	186	89	21.0	38.5	15.8	3.2	72.0	1.1
18 TLALTIZAPAN 7948	3845	141	74	199	99	25.4	38.5	2.0	12.8	69.0	1.0
2 SAN JERONIMO 8033	3828	141	76	181	89	21.5	40.3	12.6	4.2	72.0	1.1
9 TLALTIZAPAN 8045	3826	141	80	199	96	19.3	40.3	6.9	1.2	76.0	0.9
4 TLALTIZAPAN 8033	3799	140	76	180	82	17.2	37.0	21.8	3.4	72.0	1.1
3 PANTNAGAR (1) 8033	3726	137	76	190	97	14.4	40.0	1.9	6.9	69.0	1.0
6 CHUGUISACA (1) 7845	3673	135	81	205	101	45.4	38.3	8.3	2.7	76.0	0.9
21 ACROSS 7845 RE	3646	134	80	195	99	49.3	39.3	5.2	7.6	76.0	0.9
15 QUILAMAPU 7948	3474	128	76	189	97	44.6	38.5	0.0	3.9	72.0	1.1
11 ANTALYA 8045	3469	128	80	190	108	42.8	38.0	7.2	2.1	76.0	1.0
8 OBREGON 8045	3459	127	78	192	96	58.4	37.8	10.3	0.7	74.0	1.0
20 ACROSS 7748 RE	3442	127	78	192	102	34.9	40.3	3.1	3.7	72.0	1.1
17 ADAPAZARI (1) 7948	3343	123	74	185	89	27.6	39.0	0.0	7.8	69.0	1.1
13 OBREGON 8046	3341	123	71	166	67	30.8	39.8	0.0	3.1	66.0	1.3
16 ADAPAZARI 7948	3319	122	74	183	89	37.9	39.3	0.0	8.4	69.0	1.1
10 ANTALYA (1) 8045	3299	121	80	181	86	30.9	40.0	11.2	1.9	76.0	1.1
14 TLALTIZAPAN 8046	3299	121	70	176	95	20.9	39.0	5.7	6.4	66.0	1.2
12 ACROSS 8045	3229	119	78	180	90	36.7	39.5	3.8	1.9	73.0	1.0
1 CHUGUISACA (1) 7833	2752	101	90	212	132	11.6	38.3	10.6	6.4	86.8	0.9
MEANS	3558	131	77	189	95	32.7	39.0	6.7	4.6	72.6	1.1
MAXIMUM	4126	152	90	212	132	61.6	40.3	21.8	12.8	86.8	1.3
MINIMUM	2752	101	70	166	67	11.6	37.0	0.0	0.7	66.0	0.9
CHECKS (TESTIGOS):											
23 LOCAL CHECK 2	2718	-	85	200	116	43.7	30.0	11.5	7.4	78.0	0.9
22 LOCAL CHECK 1	2356	-	76	176	81	63.4	33.8	0.0	8.0	69.0	0.9
24 LOCAL CHECK 3	2356	-	69	170	87	54.9	33.8	11.2	2.9	66.8	0.9
CHECK MEANS	2477	-	76	181	94	54.0	32.5	7.6	6.1	71.3	0.9
5% LSD	652.0			26.7	16.3		3.2				
C.V.	13.5			10.1	12.3		5.9				

TABLE: 329-V-82

EVT 16A: YEAR 1982 MOZAMBIQUE LICHINGA

CO-OPERATOR: ENG. YENS PEDERSEN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	HELM TURC	PLANTS HARV	EAR ASPCT	EAR BORER	EARS/ PLNT	MOIST %
7 CHUGUISACA 7845	4720	74	46	178	72	7.9	0.5	2.5	41.5	2.8	2.3	1.0	21.3
21 ACROSS 7845 RE	4506	70	46	155	75	3.7	0.0	2.0	40.0	2.8	1.0	1.0	21.9
8 OBREGON 8045	4449	69	45	162	59	2.5	1.2	2.3	41.0	2.3	1.5	1.0	18.8
11 ANTALYA 8045	4307	67	45	165	57	2.5	0.0	2.0	40.5	2.3	1.3	0.9	21.4
12 ACROSS 8045	4266	66	46	167	67	6.6	0.7	2.0	37.8	3.3	1.5	1.0	20.9
6 CHUGUISACA (1) 7845	3912	61	47	178	74	6.7	0.0	2.5	40.5	2.5	1.5	0.9	21.4
1 CHUGUISACA (1) 7833	3823	60	52	185	74	11.0	1.9	2.8	39.3	3.0	1.0	1.0	24.9
10 ANTALYA (1) 8045	3708	58	46	160	73	3.1	1.2	3.0	40.0	3.3	1.0	0.9	22.0
9 TLALTIZAPAN 8045	3482	54	46	175	73	5.0	0.6	2.8	36.8	3.3	1.8	1.0	19.9
4 TLALTIZAPAN 8033	3336	52	45	166	63	6.4	3.1	3.3	39.8	3.3	1.3	0.9	20.4
2 SAN JERONIMO 8033	3176	49	45	164	66	3.6	0.0	3.3	40.8	3.5	1.5	1.0	19.3
3 PANTNAGAR (1) 8033	2945	46	45	155	59	2.7	0.0	3.0	35.5	3.3	1.3	1.0	18.3
5 YOUSAFWALA 8033	2668	42	44	152	59	12.1	0.0	3.5	37.3	4.0	1.3	1.0	19.5
18 TLALTIZAPAN 7948	2293	36	45	163	60	19.0	2.3	4.5	38.3	4.3	1.5	0.9	17.1
20 ACROSS 7748 RE	2267	35	45	166	60	9.3	1.9	3.5	36.0	4.3	1.5	0.9	18.4
16 ADAPAZARI 7948	2239	35	48	173	70	13.3	1.3	4.3	39.0	4.0	1.8	0.9	17.4
15 GUILAMAPU 7948	2140	33	46	160	59	24.3	3.9	4.3	38.0	4.5	1.0	0.9	17.4
17 ADAPAZARI (1) 7948	1955	30	45	165	58	20.1	2.2	4.3	33.5	4.3	1.3	1.1	17.4
19 ACROSS 7948	1942	30	45	154	59	9.8	1.8	4.3	36.0	4.0	1.0	0.9	18.5
14 TLALTIZAPAN 8046	1799	28	44	141	50	26.1	2.3	5.0	33.8	4.5	1.0	1.0	17.0
13 OBREGON 8046	1459	23	44	140	49	13.2	2.9	4.8	35.3	4.8	1.0	0.9	17.8
MEANS	3114	49	46	163	64	9.9	1.3	3.3	38.1	3.5	1.3	1.0	19.6
MAXIMUM	4720	74	52	185	75	26.1	3.9	5.0	41.5	4.8	2.3	1.1	24.9
MINIMUM	1459	23	44	140	49	2.5	0.0	2.0	33.5	2.3	1.0	0.9	17.0
CHECKS (TESTIGOS):													
24 HIBRID SR 52	6418	-	56	232	100	0.0	0.0	1.5	30.3	2.0	1.8	0.9	35.9
22 HIBRID R-200	4483	-	48	213	98	1.8	0.0	1.8	28.3	2.0	1.5	1.0	22.9
23 SILVER KING	4304	-	53	216	90	4.5	1.9	2.0	35.5	3.5	1.5	0.9	30.5
CHECK MEANS	5069	-	52	220	95	2.1	0.6	1.8	31.3	2.5	1.6	0.9	29.7
5% LSD	1094.9		3.5	21.9	14.5				6.3				2.6
C.V.	23.1		5.4	9.1	15.2				12.1				8.7

TABLE: 330-V-82

EVT 16A: YEAR 1982 REP. S. AFRICA POTCHEFSTROOM

CO-OPERATOR: DR. A. P. FOURIE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	SMUT %	SHELLING %	EARS/ PLNT	MOIST %
18 TLALTIZAPAN 7948	3252	96	62	174	68	32.7	0.6	0.4	39.3	0.6	0.0	82.0	1.2	10.9
19 ACROSS 7948	3217	95	62	166	56	34.3	0.7	1.2	38.0	0.0	0.7	81.3	1.2	11.7
16 ADAPAZARI 7948	3188	95	62	167	65	28.5	2.0	1.0	38.5	0.6	0.7	80.3	1.3	11.1
12 ACROSS 8045	3162	94	64	180	84	30.5	1.9	1.2	38.5	0.6	0.6	82.7	1.1	11.6
17 ADAPAZARI (1) 7948	3107	92	61	165	62	29.4	0.0	0.5	39.3	1.9	1.3	81.0	1.2	13.4
9 TLALTIZAPAN 8045	3091	92	64	187	79	32.0	0.6	1.0	39.8	1.3	1.9	79.8	1.1	11.7
21 ACROSS 7845 RE	3043	90	65	181	82	29.8	0.0	1.1	39.3	3.2	0.0	80.3	1.2	11.6
11 ANTALYA 8045	3015	89	65	176	71	21.5	0.6	1.6	39.3	0.6	1.9	78.9	1.2	11.9
20 ACROSS 7748 RE	2961	88	62	163	59	29.8	2.5	1.7	39.5	1.9	1.9	79.5	1.1	11.1
2 SAN JERONIMO 8033	2953	88	63	174	70	16.5	1.9	1.0	39.0	0.7	1.3	77.2	1.3	11.7
7 CHUGUISACA 7845	2914	86	65	178	85	42.2	0.6	0.0	39.3	1.9	0.6	79.2	1.2	12.5
6 CHUGUISACA (1) 7845	2898	86	65	177	79	25.8	1.3	1.1	38.8	0.0	2.0	79.9	1.2	11.3
15 QUILAMAPU 7948	2895	86	62	175	65	56.9	0.0	0.5	38.5	2.0	0.6	79.6	1.2	11.0
5 YOUSAFWALA 8033	2886	86	63	177	80	17.9	0.6	2.5	39.0	0.0	3.2	78.4	1.2	11.4
8 OBREGON 8045	2881	85	65	178	71	32.0	2.0	0.0	39.0	2.6	1.3	81.1	1.2	12.2
13 OBREGON 8046	2873	85	61	161	83	12.1	7.6	0.5	39.5	1.9	0.0	78.3	1.6	11.4
10 ANTALYA (1) 8045	2848	84	65	175	84	15.8	0.7	1.0	37.8	2.6	0.0	79.5	1.3	11.4
4 TLALTIZAPAN 8033	2828	84	63	171	72	10.7	3.2	1.6	39.5	1.9	1.3	78.9	1.3	10.9
3 PANTNAGAR (1) 8033	2676	79	63	164	72	17.3	1.3	1.0	39.0	5.7	2.5	78.3	1.3	12.2
14 TLALTIZAPAN 8046	2672	79	62	166	79	17.6	0.6	4.6	39.5	1.3	1.9	79.9	1.4	12.3
1 CHUGUISACA (1) 7833	2041	61	71	194	90	15.0	1.3	1.2	38.5	0.0	2.5	80.8	1.0	13.7
MEANS	2924	87	63	174	74	26.1	1.4	1.2	39.0	1.5	1.2	79.9	1.2	11.8
MAXIMUM	3252	96	71	194	90	56.9	7.6	4.6	39.8	5.7	3.2	82.7	1.6	13.7
MINIMUM	2041	61	61	161	56	10.7	0.0	0.0	37.8	0.0	0.0	77.2	1.0	10.9
CHECKS (TESTIGOS):														
24 SSM48	3373	-	68	176	82	36.8	3.2	3.0	39.0	0.6	1.9	80.0	1.2	12.7
22 TX24	3340	-	68	210	90	14.4	1.9	0.6	39.8	0.0	1.3	81.4	1.1	13.5
23 PNR432	3261	-	67	195	85	15.7	0.0	0.0	39.8	0.6	1.9	81.1	1.1	11.5
CHECK MEANS	3325	-	67	193	85	22.3	1.7	1.2	39.5	0.4	1.7	80.8	1.1	12.6
5% LSD	475.3		1.8	13.0	11.6				1.2					0.0
C.V.	11.3		2.0	5.2	10.9				2.2					0.0

TABLE: 331-V-82

EVT 16A: YEAR 1982 ZIMBABWE KADOMA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	STEM LODG	PLANTS HARV	EARS/ PLNT	MOIST %
12 ACROSS 8045	5663	92	10.2	44.0	1.0	13.2
9 TLALTIZAPAN 8045	5496	89	8.0	44.0	1.0	13.4
8 OBREGON 8045	5217	85	15.3	44.0	1.0	12.9
5 YOUSAFWALA 8033	5093	83	5.1	44.0	1.0	12.9
11 ANTALYA 8045	5093	83	11.4	44.0	1.0	12.9
20 ACROSS 7748 RE	5034	82	15.3	44.0	1.0	12.3
4 TLALTIZAPAN 8033	4980	81	10.8	44.0	1.0	12.7
21 ACROSS 7845 RE	4917	80	8.5	44.0	0.9	12.7
3 PANTNAGAR (1) 8033	4906	80	9.7	44.0	1.0	12.9
18 TLALTIZAPAN 7948	4788	78	15.9	44.0	1.0	12.8
14 TLALTIZAPAN 8046	4756	77	11.4	44.0	1.0	12.8
7 CHUGUISACA 7845	4751	77	10.2	44.0	0.9	12.9
6 CHUGUISACA (1) 7845	4735	77	8.0	43.0	0.9	13.2
13 OBREGON 8046	4720	77	6.3	44.0	1.1	12.9
16 ADAPAZARI 7948	4700	76	6.3	43.3	0.9	12.7
10 ANTALYA (1) 8045	4606	75	13.6	44.0	1.0	12.7
19 ACROSS 7948	4507	73	11.9	44.0	1.0	12.2
1 CHUGUISACA (1) 7833	4425	72	8.0	44.0	1.0	13.2
15 QUILAMAPU 7948	4420	72	27.3	43.0	0.9	12.7
2 SAN JERONIMO 8033	4394	71	6.3	44.0	0.9	13.2
17 ADAPAZARI (1) 7948	3931	64	16.5	43.8	0.8	12.5
MEANS	4816	78	11.2	43.9	1.0	12.8
MAXIMUM	5663	92	27.3	44.0	1.1	13.4
MINIMUM	3931	64	5.1	43.0	0.8	12.2
CHECKS (TESTIGOS):						
24 ZS202	6155	-	0.0	44.0	1.0	12.8
23 ZS206	5952	-	4.5	44.0	1.0	13.5
22 R90	5127	-	13.6	44.0	0.9	14.4
CHECK MEANS	5745	-	6.1	44.0	0.9	13.6
5% LSD	771.1			0.9		
C.V.	11.1			1.5		

TABLE: 332-V-82

EVT 16A: YEAR 1982 SAUDI ARABIA GASSIM

CO-OPERATOR: EDDIE HUANG

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
11 ANTALYA 8045	7786	97	51	174	95	3.5	34.0	1.0	3.7	1.0	71.0	1.1	26.2
9 TLALTIZAPAN 8045	7629	95	50	172	93	6.7	33.5	1.3	11.8	1.0	69.5	1.0	25.0
1 CHUGUISACA (1) 7833	7544	94	55	183	116	8.4	34.8	1.5	20.8	1.0	71.0	1.3	30.5
12 ACROSS 8045	7316	91	52	176	96	1.4	33.0	1.0	3.7	1.0	69.0	1.0	25.0
3 PANTNAGAR (1) 8033	7202	90	50	173	84	2.8	34.5	1.3	3.0	1.0	71.5	1.0	22.9
16 ADAPAZARI 7948	7202	90	49	168	77	3.7	33.0	1.8	12.2	1.3	68.0	1.0	20.8
6 CHUGUISACA (1) 7845	7171	90	54	169	90	6.9	31.8	1.8	19.9	1.5	65.5	1.0	27.6
7 CHUGUISACA 7845	7116	89	52	177	94	3.8	33.5	1.3	13.2	1.0	69.5	1.0	26.6
4 TLALTIZAPAN 8033	7059	88	50	171	84	3.5	34.5	1.3	5.0	1.5	70.5	1.0	26.1
8 OBREGON 8045	7016	88	51	173	87	2.3	33.0	1.3	6.7	1.3	70.5	1.0	26.2
5 YOUSAFWALA 8033	6945	87	50	174	93	9.4	34.5	1.5	15.1	1.0	70.0	1.0	26.5
10 ANTALYA (1) 8045	6931	87	52	167	91	4.3	34.8	1.0	17.3	1.0	71.5	1.0	27.8
19 ACROSS 7948	6788	85	47	179	82	3.8	34.3	1.8	10.3	1.3	69.0	1.0	23.6
18 TLALTIZAPAN 7948	6768	85	47	176	87	7.8	34.0	2.0	11.8	1.5	69.0	1.0	23.0
2 SAN JERONIMO 8033	6703	84	50	169	78	0.7	35.0	1.0	7.1	1.3	71.5	1.0	25.8
17 ADAPAZARI (1) 7948	6517	81	47	167	76	2.3	33.0	2.0	14.6	2.0	70.5	1.0	23.1
15 QUILAMAPU 7948	6118	76	51	173	82	1.7	31.3	2.0	4.8	1.5	67.5	1.0	21.1
13 OBREGON 8046	5619	70	48	166	85	3.5	34.0	1.3	2.9	2.5	70.5	1.1	21.1
14 TLALTIZAPAN 8046	5451	68	46	163	85	4.7	33.8	1.5	4.9	2.5	69.5	1.0	20.8
MEANS	6888	86	50	172	88	4.3	33.7	1.4	9.9	1.4	69.7	1.0	24.7
MAXIMUM	7786	97	55	183	116	9.4	35.0	2.0	20.8	2.5	71.5	1.3	30.5
MINIMUM	5451	68	46	163	76	0.7	31.3	1.0	2.9	1.0	65.5	1.0	20.8
CHECKS (TESTIGOS):													
21 LOCAL CHECK 2	8000	-	51	183	102	2.9	33.0	1.0	20.5	1.0	68.0	1.0	25.0
20 LOCAL CHECK 1	5433	-	51	176	86	5.6	34.3	2.0	10.1	1.5	70.0	0.9	23.1
22 LOCAL CHECK 3	5162	-	56	184	113	7.7	31.5	2.8	4.7	1.0	67.5	1.1	31.4
CHECK MEANS	6198	-	52	180	100	5.4	32.9	1.9	11.8	1.2	68.5	1.0	26.5
5% LSD	1436.0		2.8	14.1	10.7		2.7						3.6
C. V.	15.0		3.9	5.7	8.5		5.6						10.3

TABLE: 333-V-82

EVT 16A: YEAR 1982 TURKEY ADAPAZARI

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	STALK ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	SMUT %	PLANT ASPECT	EARS/ PLNT	MOIST %
12 ACROSS 8045	9802	118	88	223	123	0.3	2.2	2.3	80.5	2.5	3.1	3.0	1.0	21.8
11 ANTALYA 8045	9753	118	87	235	128	0.0	2.1	2.3	83.5	2.8	2.7	3.0	1.0	23.5
9 TLALTIZAPAN 8045	9554	115	89	235	123	0.0	1.9	2.5	81.5	3.5	2.1	3.8	1.0	23.0
7 CHUQUISACA 7845	9329	113	89	233	135	0.0	2.0	2.3	75.3	2.8	2.1	3.5	1.0	25.0
21 ACROSS 7845 RE	9113	110	89	230	128	0.3	1.9	2.5	78.5	3.0	2.5	2.3	1.0	24.0
8 OBREGON 8045	8943	108	87	225	133	0.0	2.0	2.3	77.3	3.5	2.3	3.8	1.0	23.0
6 CHUQUISACA (1) 7845	8835	107	87	230	130	0.6	2.2	2.5	78.5	2.8	5.8	3.0	1.0	25.0
3 PANTNAGAR (1) 8033	8474	102	87	223	130	1.4	2.2	1.5	78.3	2.3	2.3	3.0	1.1	23.0
5 YOUSAFWALA 8033	8240	100	85	233	125	0.6	2.3	1.5	76.5	2.8	6.0	3.0	1.1	23.0
10 ANTALYA (1) 8045	8238	100	88	220	120	0.0	2.1	2.0	85.0	3.0	2.6	3.3	0.9	28.0
2 SAN JERONIMO 8033	8203	99	84	225	130	0.3	1.9	1.5	78.5	3.0	5.7	3.5	1.1	22.3
4 TLALTIZAPAN 8033	8107	98	86	230	128	1.2	2.0	2.0	76.5	3.0	3.2	2.8	1.0	22.8
20 ACROSS 7748 RE	8052	97	76	228	120	0.9	3.3	2.5	74.0	2.8	2.3	3.3	1.1	21.0
18 TLALTIZAPAN 7948	7893	95	75	218	113	0.6	3.6	2.3	82.8	2.8	2.4	3.0	1.0	20.5
19 ACROSS 7948	7780	94	75	218	110	0.0	4.4	2.5	75.0	3.0	1.0	2.8	1.1	19.3
15 QUILAMAPU 7948	7575	92	75	220	110	0.9	4.7	2.5	74.8	3.0	1.0	2.3	1.0	18.8
16 ADAPAZARI 7948	7251	88	74	205	103	0.3	4.3	2.5	78.0	3.0	0.4	2.3	1.0	19.8
1 CHUQUISACA (1) 7833	7246	88	104	263	163	0.0	1.9	2.5	81.8	4.5	7.4	4.5	1.0	37.0
17 ADAPAZARI (1) 7948	7238	87	73	213	105	1.0	5.3	2.5	80.0	3.5	1.3	2.3	1.0	17.8
14 TLALTIZAPAN 8046	6723	81	77	225	128	1.1	2.2	2.5	78.0	3.0	5.2	3.0	1.1	20.8
13 OBREGON 8046	6228	75	77	220	123	1.5	2.5	3.3	79.3	3.0	2.6	4.0	1.1	23.3
MEANS	8218	99	83	226	124	0.5	2.7	2.3	78.7	3.0	3.0	3.1	1.0	23.0
MAXIMUM	9802	118	104	263	163	1.5	5.3	3.3	85.0	4.5	7.4	4.5	1.1	37.0
MINIMUM	6228	75	73	205	103	0.0	1.9	1.5	74.0	2.3	0.4	2.3	0.9	17.8
CHECKS (TESTIGOS):														
24 TCM-81-6	8276	-	74	215	110	0.0	3.2	1.8	70.8	2.3	0.7	2.5	1.0	18.0
22 ADA	7788	-	76	218	118	1.0	4.2	2.0	71.5	2.0	1.4	2.3	1.0	19.8
23 PX-616	7738	-	79	218	105	0.0	4.0	2.0	69.3	2.0	0.4	2.3	1.1	20.5
CHECK MEANS	7934	-	76	216	110	0.3	3.8	1.9	70.5	2.1	0.8	2.3	1.0	19.4
5% LSD	1117.5		3.7	16.0	16.6				9.0					3.4
C.V.	9.7		3.1	5.0	9.6				8.2					10.7

TABLE: 334-V-82

EVT 16A: YEAR 1982 TURKEY ANTALYA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	SMUT %	EAR BORER	PLANT ASPECT	MOIST %
11 ANTALYA 8045	8190	73	54	235	130	5.7	55.7	1.0	1.5	44.0	1.0	2.8	3.5	2.3	25.1
12 ACROSS 8045	7943	71	54	228	126	6.8	40.3	1.7	1.0	44.0	1.0	8.0	2.8	2.8	25.6
9 TLALTIZAPAN 8045	7885	71	55	243	140	11.4	48.3	1.7	1.5	44.0	1.0	5.1	3.5	3.0	25.8
19 ACROSS 7948	7705	69	51	229	116	10.8	58.0	4.4	2.0	44.0	1.8	2.3	4.0	2.5	18.6
3 PANTNAGAR (1) 8033	7216	65	53	240	129	13.1	44.9	2.3	1.8	44.0	1.0	2.8	3.5	2.8	22.5
10 ANTALYA (1) 8045	7162	64	54	231	133	6.8	47.7	2.9	1.5	44.0	1.5	12.5	4.0	2.8	21.2
7 CHUGUISACA 7845	7005	63	54	253	135	3.4	50.6	1.3	2.3	44.0	1.8	5.7	3.8	3.3	24.6
5 YOUSAFWALA 8033	6944	62	53	234	124	9.1	40.3	1.2	2.0	44.0	1.3	6.3	3.0	2.3	23.6
8 OBREGON 8045	6801	61	55	249	135	11.4	52.3	2.4	2.5	44.0	1.3	4.5	3.8	3.3	22.2
21 ACROSS 7845 RE	6748	60	55	245	144	9.1	35.2	1.9	2.5	44.0	1.3	4.5	3.0	2.8	28.3
18 TLALTIZAPAN 7948	6746	60	52	233	119	14.2	54.5	8.8	2.8	44.0	2.5	2.8	4.3	2.5	17.8
20 ACROSS 7748 RE	6703	60	52	230	119	12.5	48.3	3.6	2.3	44.0	1.8	0.6	4.0	2.8	18.7
6 CHUGUISACA (1) 7845	6495	58	56	250	139	8.0	48.3	1.3	1.8	44.0	1.5	5.7	3.0	2.8	26.8
16 ADAPAZARI 7948	6401	57	51	228	118	10.8	39.8	6.5	2.0	44.0	2.3	2.3	3.8	1.8	18.3
4 TLALTIZAPAN 8033	6278	56	53	238	135	8.0	33.0	2.4	1.8	44.0	1.5	8.0	3.3	2.8	23.1
2 SAN JERONIMO 8033	6264	56	55	229	129	17.6	34.1	1.7	1.5	44.0	1.5	3.4	3.0	2.5	25.6
17 ADAPAZARI (1) 7948	5620	50	49	223	111	7.4	44.3	8.4	2.0	44.0	3.0	1.7	3.8	2.0	16.9
15 GUILAMAPU 7948	5615	50	52	218	110	20.5	38.1	5.0	2.3	44.0	2.5	2.8	4.0	2.3	18.3
13 OBREGON 8046	5578	50	52	221	121	9.7	40.9	1.7	2.0	44.0	1.8	0.6	3.5	2.8	19.6
1 CHUGUISACA (1) 7833	5106	46	59	250	146	2.3	46.6	3.0	2.0	44.0	2.0	3.4	3.5	3.3	36.1
14 TLALTIZAPAN 8046	4979	45	51	238	125	10.8	46.6	2.4	2.3	44.0	2.0	4.5	4.0	2.0	17.7
MEANS	6637	59	53	235	128	10.0	45.1	3.1	2.0	44.0	1.7	4.3	3.6	2.6	22.7
MAXIMUM	8190	73	59	253	146	20.5	58.0	8.8	2.8	44.0	3.0	12.5	4.3	3.3	36.1
MINIMUM	4979	45	49	218	110	2.3	33.0	1.0	1.0	44.0	1.0	0.6	2.8	1.8	16.9
CHECKS (TESTIGOS):															
23 LG-55	11181	-	54	249	128	23.3	28.4	1.2	1.0	44.0	1.0	0.6	2.8	1.0	22.3
24 PX-616	7614	-	53	248	124	11.4	10.8	5.0	1.5	44.0	1.3	2.3	2.3	1.0	24.0
22 ADA	5686	-	54	235	119	15.3	34.1	8.3	2.0	44.0	2.3	0.0	3.3	3.0	22.6
CHECK MEANS	8160	-	53	243	123	16.7	24.4	4.8	1.5	44.0	1.5	0.9	2.8	1.7	23.0
5% LSD	1353.3		2.5	20.2	15.7										
C.V.	14.1		3.3	6.1	8.8										

TABLE: 335-V-82

EVT 16A: YEAR 1982 TURKEY IZMIR

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	SHELLING %	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	SMUT %	PLANT ASPECT	EARS/ PLNT	MOIST %
15 GUILAMAPU 7948	9254	88	56	191	93	76.2	3.1	5.5	3.5	41.0	3.3	1.3	3.5	1.0	21.8
11 ANTALYA 8045	8641	82	61	203	111	72.1	0.0	1.8	3.0	42.0	3.0	2.9	2.8	1.0	22.9
12 ACROSS 8045	8357	79	61	206	114	71.4	0.0	0.0	2.5	42.3	2.5	4.1	2.8	0.9	24.9
16 ADAPAZARI 7948	8266	78	54	193	91	77.9	6.6	2.2	2.8	40.0	3.0	0.7	3.0	1.2	21.1
19 ACROSS 7948	7996	76	55	193	88	75.3	2.3	4.3	3.5	42.0	3.3	1.3	3.0	1.0	20.8
20 ACROSS 7748 RE	7987	76	54	194	101	77.3	2.4	6.1	3.3	42.0	3.0	2.4	3.3	1.0	23.2
13 OBREGON 8046	7837	74	57	204	100	74.3	2.4	0.5	3.3	42.8	3.0	5.3	3.5	1.2	22.0
7 CHUGUISACA 7845	7627	72	61	189	119	70.8	1.9	2.6	3.0	39.0	2.8	2.0	2.5	1.0	25.7
6 CHUGUISACA (1) 7845	7543	72	61	205	111	73.8	1.2	0.8	2.8	42.3	3.0	1.2	3.3	0.9	24.4
8 OBREGON 8045	7407	70	61	193	111	74.7	1.2	3.0	2.8	42.5	3.0	4.1	3.0	0.9	24.2
21 ACROSS 7845 RE	7390	70	61	190	113	72.0	0.0	1.4	2.8	43.0	3.0	2.3	3.3	0.9	26.0
18 TLALTIZAPAN 7948	7340	70	55	198	91	73.8	3.1	4.3	2.8	42.0	3.0	2.5	3.3	1.0	25.9
3 PANTNAGAR (1) 8033	7036	67	63	191	99	74.4	0.0	1.7	2.3	42.8	3.3	2.9	3.5	0.9	27.2
14 TLALTIZAPAN 8046	6955	66	57	176	101	71.2	1.2	3.7	3.0	43.0	3.3	5.9	2.8	1.0	20.5
10 ANTALYA (1) 8045	6777	64	61	191	113	73.2	0.6	1.4	2.8	42.0	3.0	5.2	3.3	0.9	26.7
9 TLALTIZAPAN 8045	6776	64	64	206	113	72.0	0.6	2.3	2.8	40.0	3.3	4.1	3.0	0.9	29.7
5 YOUSAFWALA 8033	6734	64	61	185	104	68.2	1.8	0.0	3.3	42.5	3.3	8.8	3.8	0.9	28.7
4 TLALTIZAPAN 8033	6542	62	61	205	113	67.6	0.0	2.6	3.3	41.0	2.8	8.7	3.5	1.0	29.7
17 ADAPAZARI (1) 7948	6363	60	56	173	80	80.8	1.4	6.3	2.8	40.3	4.0	3.8	4.0	1.0	21.6
2 SAN JERONIMO 8033	5774	55	61	189	100	67.6	0.7	4.9	2.3	38.8	3.3	7.5	3.0	0.9	26.8
1 CHUGUISACA (1) 7833	5749	55	67	226	136	63.5	1.8	1.9	2.5	35.8	3.3	16.9	3.0	1.0	32.2
MEANS	7350	70	59	195	105	72.8	1.5	2.7	2.9	41.3	3.1	4.5	3.2	1.0	25.0
MAXIMUM	9254	88	67	226	136	80.8	6.6	6.3	3.5	43.0	4.0	16.9	4.0	1.2	32.2
MINIMUM	5749	55	54	173	80	63.5	0.0	0.0	2.3	35.8	2.5	0.7	2.5	0.9	20.5
CHECKS (TESTIGOS):															
23 LG-55	10535	-	60	208	101	76.9	0.0	2.4	2.3	42.5	2.3	1.2	2.8	1.0	25.1
22 ADA	9542	-	55	211	96	74.5	2.4	8.8	2.8	41.8	2.8	3.6	3.3	1.0	21.8
24 PX-616	9235	-	55	219	101	75.8	1.2	7.2	2.0	41.0	2.5	1.8	3.0	0.9	19.8
CHECK MEANS	9771	-	56	212	99	75.7	1.2	6.1	2.3	41.8	2.5	2.2	3.0	1.0	22.2
5% LSD	1776.3		1.5	29.9	13.8					5.6					4.0
C.V.	16.5		1.9	10.7	9.4					9.6					11.6

TABLE: 336-V-82

EVT 16A: YEAR 1982 TURKEY SAMSUN

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STALK ROT %	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	SMUT %	EARS/ PLNT	MOIST %
7 CHUGUISACA 7845	7805	118	74	276	141	9.7	7.2	3.0	41.3	2.5	4.9	1.0	30.0
9 TLALTIZAPAN 8045	7583	114	71	283	140	14.1	5.4	2.0	42.5	2.5	9.4	0.9	31.0
20 ACROSS 7748 RE	7187	108	63	260	116	34.8	8.2	2.0	40.3	2.8	2.5	1.0	30.0
10 ANTALYA (1) 8045	6869	104	75	265	136	19.1	4.8	3.0	42.0	2.8	4.8	1.0	30.0
12 ACROSS 8045	6855	103	72	260	125	9.9	4.6	3.0	40.5	2.8	2.5	1.1	32.0
4 TLALTIZAPAN 8033	6787	102	70	276	143	2.4	5.4	4.0	42.3	2.8	9.5	0.8	26.0
2 SAN JERONIMO 8033	6734	101	68	253	121	11.8	4.2	4.0	42.3	2.5	11.8	1.0	31.0
6 CHUGUISACA (1) 7845	6725	101	71	265	146	17.0	6.6	3.0	41.3	2.8	4.9	0.9	36.0
16 ADAPAZARI 7948	6695	101	62	253	94	22.2	8.0	4.0	40.8	3.0	2.5	0.9	22.0
17 ADAPAZARI (1) 7948	6675	101	60	248	99	25.0	11.0	3.0	40.0	3.3	0.0	0.9	21.0
15 QUILAMAPU 7948	6609	100	63	246	105	23.1	9.1	3.0	39.0	3.5	0.0	0.9	26.0
5 YOUSAFWALA 8033	6372	96	68	264	124	7.3	6.5	2.0	41.3	2.8	9.7	0.9	28.0
18 TLALTIZAPAN 7948	6340	96	62	256	109	27.2	10.6	4.0	40.5	3.0	2.5	0.9	24.0
19 ACROSS 7948	6277	95	62	246	106	37.6	10.0	3.0	40.0	3.3	5.0	0.9	25.0
21 ACROSS 7845 RE	6274	95	73	275	131	16.9	2.4	4.0	41.5	2.5	4.8	1.0	35.0
11 ANTALYA 8045	6132	92	73	263	125	19.4	6.3	3.0	41.3	3.0	0.0	1.0	37.0
8 OBREGON 8045	6046	91	72	270	134	2.4	5.5	3.0	41.5	2.8	0.0	0.9	30.0
3 PANTNAGAR (1) 8033	5822	88	70	260	113	39.6	8.4	3.0	40.5	2.3	7.4	1.0	33.0
14 TLALTIZAPAN 8046	5382	81	64	246	123	14.9	10.1	3.0	40.3	2.5	7.5	1.0	26.0
1 CHUGUISACA (1) 7833	5106	77	83	275	121	7.4	5.6	2.0	40.8	3.0	2.5	1.0	43.0
13 OBREGON 8046	4887	74	65	264	124	8.0	7.7	2.0	37.5	3.3	2.7	1.0	26.0
MEANS	6436	97	69	262	123	17.6	7.0	3.0	40.8	2.8	4.5	0.9	29.6
MAXIMUM	7805	118	83	283	146	39.6	11.0	4.0	42.5	3.5	11.8	1.1	43.0
MINIMUM	4887	74	60	246	94	2.4	2.4	2.0	37.5	2.3	0.0	0.8	21.0
CHECKS (TESTIGOS):													
24 K3/78	6636	-	64	245	116	35.2	11.1	3.0	32.5	3.0	3.2	1.0	27.0
22 K3/74	6073	-	69	269	120	17.5	5.5	2.0	35.3	2.5	2.9	0.9	33.0
23 K2/78	5783	-	62	234	99	19.2	11.3	4.0	36.8	2.5	8.2	0.9	30.0
CHECK MEANS	6164	-	65	249	111	23.9	9.3	3.0	34.8	2.7	4.8	0.9	30.0
5% LSD	1510.3		3.1	19.1	24.5				3.6				
C.V.	16.7		3.2	5.2	14.3				6.3				

TABLE: 337-V-82

EVT 16A: YEAR 1982 PAKISTAN FAISALABAD

CO-OPERATOR: ABDUL MAJEED MALUKERA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	BORER DAMAGE %	PARROT DAMAGE %	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	PLANTS HARV	EAR ASPCT	%BAD H. C.	MOIST %
5 YOUSAFWALA 8033	5777	96	51	169	85	10.1	2.5	1.3	0.0	2.6	2.3	39.8	3.0	20.0	28.6
9 TLALTIZAPAN 8045	5747	95	53	179	84	6.5	3.2	0.7	0.0	4.1	2.0	38.5	2.5	18.2	34.7
3 PANTNAGAR (1) 8033	5619	93	51	173	82	9.4	2.0	1.9	1.2	1.9	2.5	40.3	3.0	12.5	34.3
11 ANTALYA 8045	5550	92	52	184	89	8.0	5.2	0.6	0.0	0.6	2.5	37.3	2.5	16.1	34.5
8 OBREGON 8045	5306	88	52	184	92	3.5	8.1	0.6	0.7	0.8	1.8	36.3	2.3	16.4	35.9
2 SAN JERONIMO 8033	5299	88	50	176	86	8.0	5.6	0.6	0.7	2.1	2.0	35.8	3.0	18.8	34.2
6 CHUGUISACA (1) 7845	5282	87	53	193	96	7.9	12.9	0.0	1.8	4.6	2.0	29.0	2.0	33.5	37.7
4 TLALTIZAPAN 8033	5223	86	50	174	82	9.7	3.4	0.0	2.4	1.3	2.8	36.3	2.8	15.9	33.6
7 CHUGUISACA 7845	5112	85	54	189	88	5.6	7.0	0.0	2.0	4.3	1.3	36.0	3.0	26.3	35.4
21 ACROSS 7845 RE	5109	85	54	190	88	5.3	8.3	0.0	0.0	1.4	2.5	33.8	2.5	31.2	33.5
1 CHUGUISACA (1) 7833	5047	84	56	202	112	7.4	9.0	0.8	0.7	1.5	1.5	33.5	2.3	21.7	41.2
12 ACROSS 8045	4933	82	52	203	99	4.9	3.5	0.0	1.3	1.4	2.3	36.5	2.5	11.9	38.6
20 ACROSS 7748 RE	4925	82	50	180	82	4.5	5.1	2.4	0.0	0.9	3.0	33.5	2.3	23.6	36.7
18 TLALTIZAPAN 7948	4897	81	50	157	78	7.7	3.6	0.7	0.7	2.1	2.5	35.8	2.8	27.8	36.3
10 ANTALYA (1) 8045	4837	80	52	180	80	6.7	3.4	0.0	0.0	1.5	1.8	37.5	2.8	21.9	35.7
19 ACROSS 7948	4721	78	49	164	65	7.7	3.3	1.5	1.9	6.2	2.5	34.8	2.5	26.2	33.8
15 GUILAMAPU 7948	4630	77	51	159	70	10.7	5.6	0.7	0.0	5.0	3.0	32.5	3.8	26.9	34.0
17 ADAPAZARI (1) 7948	4628	77	49	163	68	7.8	4.4	1.2	3.5	4.7	3.0	36.5	3.3	22.8	31.8
16 ADAPAZARI 7948	4138	69	50	176	74	7.7	7.1	1.4	1.4	5.3	3.3	36.3	3.8	26.8	34.3
14 TLALTIZAPAN 8046	3928	65	48	159	78	9.1	5.7	2.2	2.6	2.0	3.0	37.3	3.5	20.2	33.6
13 OBREGON 8046	3912	65	48	170	77	10.4	8.3	5.9	4.6	1.6	3.3	33.5	3.0	19.5	29.5
MEANS	4982	82	51	177	84	7.6	5.6	1.1	1.2	2.6	2.4	35.7	2.8	21.8	34.6
MAXIMUM	5777	96	56	203	112	10.7	12.9	5.9	4.6	6.2	3.3	40.3	3.8	33.5	41.2
MINIMUM	3912	65	48	157	65	3.5	2.0	0.0	0.0	0.6	1.3	29.0	2.0	11.9	28.6
CHECKS (TESTIGOS):															
22 LOCAL CHECK 1	6039	-	56	220	121	11.3	26.9	1.3	1.2	1.4	2.0	37.3	2.0	46.8	38.5
24 LOCAL CHECK 3	5873	-	53	206	111	6.9	15.8	1.4	0.8	2.2	2.5	36.0	2.0	32.4	37.4
23 LOCAL CHECK 2	5127	-	55	196	103	8.3	12.7	0.0	5.1	3.9	2.3	34.0	3.0	30.8	38.8
CHECK MEANS	5680	-	54	207	111	8.8	18.5	0.9	2.4	2.5	2.3	35.8	2.3	36.7	38.2
5% LSD	829.6		1.7	15.7	9.8							5.0			
C. V.	11.6		2.3	6.2	8.0							9.8			

TABLE: 338-V-82

EVT 16A: YEAR 1982 PAKISTAN ISLAMABAD

CO-OPERATOR: BANARAS ROJA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	MAIZE BORER %	SHOOT FLY %	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	PLNTS GERM	MOIST %
7 CHUGUISACA 7845	5281	143	52	156	75	13.6	7.5	21.5	11.1	7.9	3.0	40.5	1.3	79.8	25.3
11 ANTALYA 8045	5197	141	50	143	75	11.1	8.0	19.5	9.1	7.7	2.0	41.5	2.0	79.8	26.2
5 YOUSAFWALA 8033	5117	139	51	151	81	11.2	4.4	18.9	7.3	3.6	2.8	40.3	1.5	83.0	25.0
21 ACROSS 7845 RE	5105	138	50	145	69	17.4	8.4	14.2	12.3	5.3	3.5	38.8	1.5	80.0	25.7
10 ANTALYA (1) 8045	4908	133	53	146	76	17.4	10.5	16.3	7.6	10.4	3.0	40.5	1.5	80.0	26.3
6 CHUGUISACA (1) 7845	4883	132	51	141	75	14.0	7.5	11.4	16.6	6.0	3.3	36.3	2.0	67.3	25.9
12 ACROSS 8045	4833	131	50	146	80	16.0	8.6	26.6	11.3	9.9	1.8	37.8	2.0	81.8	26.9
2 SAN JERONIMO 8033	4673	127	49	136	74	11.2	7.5	21.2	14.4	3.6	1.5	40.3	2.0	83.3	25.8
1 CHUGUISACA (1) 7833	4668	127	55	150	83	14.0	12.7	25.1	9.7	6.5	1.8	39.0	1.8	79.3	26.0
8 OBREGON 8045	4386	119	51	148	74	14.3	6.1	18.9	9.6	7.4	2.8	36.8	1.8	79.5	25.8
9 TLALTIZAPAN 8045	4283	116	51	150	71	15.9	8.0	25.2	11.1	7.9	2.3	38.5	1.8	81.5	24.4
3 PANTNAGAR (1) 8033	4238	115	50	138	63	19.0	12.0	16.7	9.7	5.0	2.3	36.3	1.5	77.8	24.1
18 TLALTIZAPAN 7948	4042	110	50	156	70	14.1	7.9	19.7	12.7	14.0	2.5	35.8	2.3	74.5	23.8
4 TLALTIZAPAN 8033	3899	106	50	135	68	19.5	12.0	14.0	9.9	9.7	2.0	35.0	1.8	81.0	25.5
15 QUILAMAPU 7948	3782	103	49	136	61	17.5	9.2	29.1	8.9	17.1	3.3	36.8	2.8	75.8	22.6
13 OBREGON 8046	3725	101	48	149	69	22.3	15.8	18.2	11.9	5.6	2.0	38.0	2.5	80.0	22.7
17 ADAPAZARI (1) 7948	3723	101	49	143	64	12.1	7.1	18.4	13.1	13.4	2.3	35.8	2.0	75.3	22.3
20 ACROSS 7748 RE	3657	99	48	144	69	17.5	9.1	23.7	12.3	17.6	2.3	34.8	2.5	69.0	24.2
14 TLALTIZAPAN 8046	3653	99	50	140	65	16.5	8.6	17.7	11.2	4.2	2.5	38.5	2.3	80.8	23.3
16 ADAPAZARI 7948	3229	88	50	145	56	17.6	8.4	22.5	5.3	11.5	3.0	30.3	1.8	74.3	22.6
19 ACROSS 7948	3224	87	49	134	53	14.2	7.5	25.0	10.8	12.7	2.5	33.5	2.5	73.3	21.0
MEANS	4310	117	50	144	70	15.5	8.9	20.2	10.8	8.9	2.5	37.4	1.9	77.9	24.5
MAXIMUM	5281	143	55	156	83	22.3	15.8	29.1	16.6	17.6	3.5	41.5	2.8	83.3	26.9
MINIMUM	3224	87	48	134	53	11.1	4.4	11.4	5.3	3.6	1.5	30.3	1.3	67.3	21.0
CHECKS (TESTIGOS):															
24 LOCAL CHECK 3	3689	-	49	143	66	19.0	11.7	16.3	6.9	7.6	3.0	35.5	2.3	78.3	24.4
23 LOCAL CHECK 2	3527	-	49	145	65	14.2	9.2	25.2	12.2	10.8	2.8	33.8	2.3	64.5	25.2
22 LOCAL CHECK 1	3295	-	51	143	74	18.5	12.8	19.8	8.0	10.0	2.0	33.0	2.8	73.0	22.2
CHECK MEANS	3504	-	49	143	68	17.3	11.2	20.5	9.0	9.5	2.6	34.1	2.4	71.9	23.9
5% LSD	1195.3		3.3	15.5	14.2							5.6			
C.V.	20.1		4.7	7.6	14.4							10.7			

TABLE: 339-V-82

EVT 16A: YEAR 1982 PAKISTAN PIRSABAK

CO-OPERATOR: M. SALIM CCRI, PIRSABAK

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
9 TLALTIZAPAN 8045	5203	99	55	189	108	22.5	0.8	36.5	0.9	32.7
11 ANTALYA 8045	5000	95	56	178	99	24.7	0.0	35.3	0.9	29.7
12 ACROSS 8045	4876	92	56	185	113	34.8	0.0	33.5	1.0	31.6
10 ANTALYA (1) 8045	4635	88	54	170	94	47.0	0.0	30.5	1.1	32.5
5 YOUSAFWALA 8033	4565	87	55	184	104	21.6	2.6	33.8	0.9	26.8
7 CHUGUISACA 7845	4550	86	56	183	94	36.6	2.8	30.8	1.0	32.9
2 SAN JERONIMO 8033	4523	86	54	186	99	26.5	0.0	32.3	1.0	30.9
1 CHUGUISACA (1) 7833	4452	84	55	181	118	29.2	0.0	30.5	0.9	34.3
21 ACROSS 7845 RE	4218	80	55	175	101	29.7	3.7	31.5	0.9	31.3
16 ADAPAZARI 7948	3979	75	54	174	91	36.4	3.4	32.0	1.0	28.7
6 CHUGUISACA (1) 7845	3946	75	56	179	105	31.8	0.0	27.8	0.8	33.7
15 QUILAMAPU 7948	3906	74	54	176	95	42.2	0.9	32.5	0.9	29.6
4 TLALTIZAPAN 8033	3768	71	55	175	94	27.4	1.7	29.0	0.9	30.7
8 OBREGON 8045	3767	71	55	176	101	41.0	1.7	25.3	0.9	30.3
19 ACROSS 7948	3763	71	54	178	99	34.2	3.1	30.8	0.9	28.9
18 TLALTIZAPAN 7948	3637	69	54	184	99	43.4	1.6	31.5	0.9	29.2
14 TLALTIZAPAN 8046	3506	66	54	175	90	38.2	1.5	32.5	1.0	26.4
3 PANTNAGAR (1) 8033	3485	66	55	175	105	48.6	1.9	31.8	0.9	29.6
20 ACROSS 7748 RE	3290	62	54	174	88	48.6	2.2	29.3	0.9	28.9
17 ADAPAZARI (1) 7948	3214	61	54	180	86	39.6	2.5	30.8	0.9	30.1
13 OBREGON 8046	2985	57	53	185	101	37.8	2.0	30.5	0.9	26.3
MEANS	4060	77	55	179	99	35.3	1.5	31.3	0.9	30.2
MAXIMUM	5203	99	56	189	118	48.6	3.7	36.5	1.1	34.3
MINIMUM	2985	57	53	170	86	21.6	0.0	25.3	0.8	26.3
CHECKS (TESTIGOS):										
23 SARHAD (W)	5275	-	55	189	101	32.8	0.0	29.8	0.9	30.0
24 SARHAD (Y)	4681	-	57	181	96	41.6	0.8	29.5	1.0	31.6
22 PIRSABAK-80	3580	-	52	178	89	37.5	0.0	29.0	0.9	29.1
CHECK MEANS	4512	-	54	182	95	37.3	0.3	29.4	0.9	30.2
5% LSD	970.2		2.0	15.3	15.5			5.6		2.7
C.V.	16.7		2.7	6.0	11.1			12.9		6.4

TABLE: 340-V-82

EVT 16A: YEAR 1982 PAKISTAN YOUSAFWALA

CO-OPERATOR: DR. MOHAMMED AFZAL

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
12 ACROSS 8045	7745	105	51	193	101	0.0	0.0	0.0	1.8	37.5	2.5	3.0	81.5	1.0	23.5
10 ANTALYA (1) 8045	7472	102	51	196	105	2.4	0.0	0.0	2.0	41.8	3.0	3.3	81.0	1.0	24.1
21 ACROSS 7845 RE	7288	99	52	200	106	1.4	0.7	0.6	2.0	37.8	3.0	2.8	80.0	1.0	23.3
6 CHUGUISACA (1) 7845	7196	98	53	196	99	0.8	0.0	0.7	1.0	34.3	2.8	3.0	79.5	1.0	23.6
4 TLALTIZAPAN 8033	6814	93	49	184	93	0.0	0.0	0.7	2.0	37.3	3.0	3.5	77.5	1.0	22.9
11 ANTALYA 8045	6788	92	52	198	99	0.6	0.6	0.6	2.0	37.3	3.3	3.3	76.5	1.0	23.0
7 CHUGUISACA 7845	6698	91	51	204	108	1.9	0.0	0.0	1.8	36.8	3.5	3.0	77.0	1.0	22.9
8 OBREGON 8045	6663	91	51	188	100	0.6	0.7	0.0	1.5	37.0	3.5	3.0	80.3	1.0	23.4
1 CHUGUISACA (1) 7833	6638	90	56	216	113	0.6	1.4	0.6	1.5	35.5	3.0	3.0	75.3	1.0	25.6
9 TLALTIZAPAN 8045	6472	88	50	194	100	1.6	2.4	0.0	2.0	34.3	3.5	3.0	75.0	1.0	23.1
3 PANTNAGAR (1) 8033	6389	87	50	195	104	1.8	0.6	0.9	1.8	38.0	3.0	3.0	80.0	1.0	24.0
5 YOUSAFWALA 8033	6109	83	50	171	91	0.7	0.0	1.4	2.0	39.3	3.8	3.8	79.5	1.0	23.2
2 SAN JERONIMO 8033	5988	82	51	189	96	0.6	0.0	0.0	2.0	37.0	3.5	4.0	81.3	1.0	23.8
18 TLALTIZAPAN 7948	5604	76	49	200	100	4.8	1.9	0.6	2.3	37.8	4.0	4.0	80.8	1.0	23.0
15 QUILAMAPU 7948	5052	69	49	194	91	16.1	0.0	1.4	2.5	35.8	4.5	4.3	78.8	1.0	21.3
19 ACROSS 7948	4858	66	49	193	86	15.1	2.6	0.9	2.5	37.5	4.5	3.8	79.3	1.0	20.7
13 OBREGON 8046	4842	66	46	175	79	3.0	1.3	2.5	2.8	41.0	4.3	4.3	82.0	1.0	21.1
14 TLALTIZAPAN 8046	4838	66	48	193	106	6.3	0.0	2.0	2.3	36.3	4.0	4.0	81.5	1.0	21.2
20 ACROSS 7748 RE	4788	65	49	188	93	4.3	0.0	0.0	2.8	34.3	4.8	4.5	76.0	1.0	22.0
16 ADAPAZARI 7948	4539	62	48	204	101	4.8	0.0	1.4	3.0	36.8	5.0	5.0	76.8	1.0	20.8
17 ADAPAZARI (1) 7948	4327	59	47	191	85	13.7	0.6	1.3	2.8	37.3	5.0	5.0	79.0	1.0	21.2
MEANS	6053	82	50	193	98	3.9	0.6	0.7	2.1	37.1	3.7	3.6	79.0	1.0	22.7
MAXIMUM	7745	105	56	216	113	16.1	2.6	2.5	3.0	41.8	5.0	5.0	82.0	1.0	25.6
MINIMUM	4327	59	46	171	79	0.0	0.0	0.0	1.0	34.3	2.5	2.8	75.0	1.0	20.7
CHECKS (TESTIGOS):															
22 LOCAL CHECK 1	7346	-	52	219	113	2.9	0.7	0.0	2.3	34.8	2.5	3.0	77.5	1.0	24.0
24 LOCAL CHECK 3	7332	-	52	211	109	3.1	0.0	0.8	2.5	35.8	2.8	3.0	69.5	1.0	24.4
23 LOCAL CHECK 2	5832	-	48	206	104	8.8	1.0	0.0	2.3	34.8	3.8	3.8	81.3	1.0	21.4
CHECK MEANS	6837	-	50	212	108	4.9	0.6	0.3	2.3	35.1	3.0	3.3	76.1	1.0	23.2
5% LSD	1115.9		2.0	21.0	15.2					5.7					1.8
C.V.	12.9		2.9	7.6	10.9					10.9					5.5

TABLE: 341-V-82

EVT 16A: YEAR 1982 VIETNAM HUNG LOC

CO-OPERATOR: VO DINH LONG, PHAN THANH NMU

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	CORTICIUM SASAKII %	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLNTS GERM	MOIST %
21 ACROSS 7845 RE	3422	88	56	186	88	26.0	0.6	10.5	38.7	3.0	43.3	3.3	22.0	87.8	37.6
12 ACROSS 8045	3317	86	54	172	80	42.5	0.6	2.3	20.9	3.0	43.5	2.5	12.2	87.3	35.3
1 CHUGUISACA (1) 7833	3156	82	59	192	105	39.2	1.2	12.1	33.3	1.8	42.8	2.8	21.1	86.5	43.2
9 TLALTIZAPAN 8045	3111	80	56	174	80	39.4	1.2	12.2	34.0	2.8	42.8	2.8	18.1	86.3	38.5
6 CHUGUISACA (1) 7845	2871	74	57	170	82	31.1	0.0	15.9	41.3	2.3	42.0	3.3	22.5	86.3	42.2
8 OBREGON 8045	2781	72	55	167	79	48.5	0.6	4.1	45.1	3.0	42.8	3.0	16.6	87.0	36.7
7 CHUGUISACA 7845	2762	71	57	165	80	43.6	0.6	5.9	32.4	2.8	42.5	3.8	14.7	86.0	38.7
4 TLALTIZAPAN 8033	2689	70	55	164	73	35.3	0.0	6.6	32.5	3.3	42.3	3.3	18.6	86.5	36.8
10 ANTALYA (1) 8045	2628	68	56	165	79	43.3	2.4	6.2	31.5	2.8	41.8	3.3	24.7	86.5	38.1
2 SAN JERONIMO 8033	2610	67	56	161	77	43.1	0.0	4.0	45.7	2.8	43.5	3.0	12.6	87.8	36.3
11 ANTALYA 8045	2524	65	57	170	80	47.1	0.0	9.7	27.7	2.5	42.0	3.5	14.5	86.3	35.4
3 PANTNAGAR (1) 8033	2516	65	55	165	77	42.5	0.6	1.1	33.0	3.0	43.5	3.3	14.9	87.5	37.3
5 YOUSAFWALA 8033	2126	55	56	166	81	60.7	2.4	4.8	44.5	4.0	42.0	4.3	11.8	86.3	38.5
13 OBREGON 8046	1884	49	51	155	68	49.4	0.6	2.3	37.2	5.0	43.5	5.0	21.9	87.5	34.5
20 ACROSS 7748 RE	1732	45	55	164	70	45.9	0.6	8.8	47.0	4.8	42.5	5.0	38.1	84.8	38.6
18 TLALTIZAPAN 7948	1718	44	55	165	75	44.8	1.2	5.7	67.4	4.8	40.8	5.0	39.6	85.8	35.9
15 GUILAMAPU 7948	1662	43	55	163	67	42.0	1.1	4.5	58.8	5.0	44.0	4.8	35.8	87.3	37.8
19 ACROSS 7948	1604	41	55	163	66	45.4	0.0	2.4	47.4	4.8	42.3	5.0	36.7	84.8	37.4
14 TLALTIZAPAN 8046	1578	41	52	149	69	46.6	0.6	3.5	56.5	5.0	43.5	4.8	23.0	86.0	37.0
16 ADAPAZARI 7948	1489	38	56	162	63	44.0	1.2	5.4	59.0	5.0	41.8	5.0	39.0	84.8	37.0
17 ADAPAZARI (1) 7948	1094	28	55	157	64	32.1	0.6	6.9	58.1	4.8	43.5	5.0	23.6	86.0	38.0
MEANS	2346	61	55	166	76	42.5	0.8	6.4	42.5	3.6	42.7	3.9	22.9	86.4	37.7
MAXIMUM	3422	88	59	192	105	60.7	2.4	15.9	67.4	5.0	44.0	5.0	39.6	87.8	43.2
MINIMUM	1094	28	51	149	63	26.0	0.0	1.1	20.9	1.8	40.8	2.5	11.8	84.8	34.5
CHECKS (TESTIGOS):															
22 EARLI THAI COMP.	3868	-	58	215	118	35.4	2.6	17.6	22.7	2.0	37.8	2.0	17.0	79.0	39.6
23 NHA-MO COMPOSITE	3698	-	59	210	120	20.2	0.0	8.1	18.1	1.3	40.3	2.3	13.5	80.8	34.4
24 WESTERN YELLOW	1918	-	64	230	132	12.1	2.3	8.0	21.9	1.5	33.8	3.5	8.7	67.3	36.8
CHECK MEANS	3161	-	60	218	123	22.6	1.7	11.2	20.9	1.6	37.3	2.6	13.1	75.7	36.9
5% LSD	592.7		1.4	11.6	11.2						2.5				
C.V.	17.2		1.8	4.8	9.7						4.2				

TABLE: 342-V-82 TRIAL: EVT 16A:

YEAR: 1982 MEANS ACROSS 37 LOCATIONS

ENTRY NO. AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
12 ACROSS 8045	5833	Amarillo Bajío	106	62	190
11 ANTALYA 8045	5608	Amarillo Bajío	102	63	191
9 TLALTIZAPAN 8045	5575	Amarillo Bajío	101	63	194
21 ACROSS 7845 RE	5521	Amarillo Bajío	100	64	196
7 CHUQUISACA 7845	5509	Amarillo Bajío	100	64	194
8 OBREGON 8045	5492	Amarillo Bajío	99	62	192
6 CHUQUISACA (1) 7845	5469	Amarillo Bajío	99	64	196
10 ANTALYA (1) 8045	5150	Amarillo Bajío	93	63	184
1 CHUQUISACA (1) 7833	5119	Amarillo Subtropical	93	69	210
4 TLALTIZAPAN 8033	5018	Amarillo Subtropical	91	61	187
5 YOUSAFWALA 8033	4999	Amarillo Subtropical	91	62	184
2 SAN JERONIMO 8033	4985	Amarillo Subtropical	90	61	182
3 PANTNAGAR (1) 8033	4957	Amarillo Subtropical	90	62	182
18 TLALTIZAPAN 7948	4567	Compuesto de Hungaria	83	59	183
20 ACROSS 7748 RE	4530	Compuesto de Hungaria	82	59	186
15 QUILAMAPU 7948	4494	Compuesto de Hungaria	81	59	181
19 ACROSS 7948	4452	Compuesto de Hungaria	81	58	180
16 ADAPAZARI 7948	4384	Compuesto de Hungaria	79	59	180
17 ADAPAZARI (1) 7948	4153	Compuesto de Hungaria	75	58	177
13 OBREGON 8046	4075	Templado Amarillo Cristalino	74	58	176
14 TLALTIZAPAN 8046	4022	Templado Amarillo Cristalino	73	58	172

TABLE: 343-V-82

EVT 16B: YEAR 1982 BOLIVIA IBOPERENDA

CO-OPERATOR: ALBERTO HINOJOSA PADILLA

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
13 ACROSS 7844 RE	7989	93	63	215	115	2.9	2.6	4.2	41.5	2.0	1.1	24.6
3 KANIAMA 7934	7543	88	57	220	115	2.9	0.0	6.4	42.3	2.3	1.0	22.4
12 ACROSS 7734 RE	7281	85	58	208	120	3.2	0.0	5.8	41.0	2.8	1.1	22.3
11 ACROSS 8047	6956	81	56	213	105	1.2	0.0	11.5	42.3	2.3	1.0	23.2
2 SETE LAGOAS 7934	6834	80	57	230	123	2.3	3.5	10.2	43.0	2.8	1.1	23.2
8 GEMEIZA 8047	6777	79	55	203	103	0.0	0.0	12.2	41.8	2.3	1.0	22.8
1 TLALTIZAPAN 7934	6746	79	56	223	120	2.4	0.0	5.7	42.3	2.3	1.1	23.8
6 SWAT (1) 8047	6501	76	55	188	95	2.4	0.0	12.1	42.3	2.3	1.0	23.8
7 SWAT 8047	6393	75	54	220	109	0.6	0.0	11.2	43.0	2.5	1.0	22.1
4 ACROSS 7934	6338	74	57	210	110	1.9	0.0	4.3	41.8	3.3	1.0	22.5
10 TLALTIZAPAN 8047	6327	74	56	203	98	1.2	0.0	11.3	42.3	2.3	0.9	22.8
9 GEMEIZA (1) 8047	6220	73	56	198	100	2.4	0.0	7.5	42.0	2.5	0.9	22.1
5 AWASSA (1) 8047	6125	72	54	210	113	3.0	0.0	13.3	41.3	2.5	1.0	23.0
MEANS	6772	79	56	211	110	2.0	0.5	8.9	42.0	2.4	1.0	23.0
MAXIMUM	7989	93	63	230	123	3.2	3.5	13.3	43.0	3.3	1.1	24.6
MINIMUM	6125	72	54	188	95	0.0	0.0	4.2	41.0	2.0	0.9	22.1
CHECKS (TESTIGOS):												
14 BLANCO LOCAL	8546	-	68	280	175	0.6	0.6	3.7	42.8	1.5	1.0	24.6
16 BLANCO DENTADO	7289	-	67	239	138	1.4	2.0	3.8	36.5	2.0	1.1	26.5
15 BLANCO REDONDO	6851	-	65	218	115	3.1	0.0	2.9	41.5	2.5	1.1	22.0
CHECK MEANS	7562	-	66	245	142	1.7	0.9	3.5	40.3	2.0	1.0	24.4
5% LSD	1517.6		2.7	21.4	18.9				2.7			2.5
C.V.	15.4		3.3	6.9	11.5				4.6			7.6

TABLE: 344-V-82

EVT 16B: YEAR 1982 MEXICO BUENAVENTURA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SPODO	PLANTS HARV	EAR ASPCT	SMUT %	PLANT ASPECT	EARS/ PLNT	MOIST %
8 GEMEIZA 8047	6494	111	67	193	118	10.8	1.7	10.7	4.8	44.0	2.3	18.2	4.0	1.1	21.9
5 AWASSA (1) 8047	6025	103	65	187	111	5.1	2.3	10.7	4.5	44.0	3.5	13.1	5.3	1.1	21.0
11 ACROSS 8047	5994	102	69	186	120	2.8	1.1	9.2	4.8	44.0	2.8	10.2	2.3	1.0	21.3
2 SETE LAGOAS 7934	5928	101	72	197	126	6.8	1.1	10.7	5.3	44.0	3.3	18.8	5.5	1.1	22.7
6 SWAT (1) 8047	5830	100	63	187	108	2.3	1.1	11.2	5.0	44.0	3.3	12.5	3.5	1.0	25.0
10 TLALTIZAPAN 8047	5808	99	68	195	121	4.5	0.6	10.0	4.8	44.0	3.8	15.3	3.5	1.0	23.9
7 SWAT 8047	5761	98	66	191	107	2.3	1.1	6.7	4.5	44.0	2.3	17.6	3.0	0.9	25.9
12 ACROSS 7734 RE	5633	96	72	210	139	5.7	0.6	5.4	5.8	44.0	3.8	19.9	5.0	1.1	24.8
9 GEMEIZA (1) 8047	5561	95	66	186	116	1.7	1.1	7.3	5.0	44.0	2.5	18.2	3.5	1.0	23.0
3 KANIAMA 7934	5331	91	72	200	123	6.3	0.6	9.9	5.3	44.0	3.8	18.8	6.0	1.1	25.3
4 ACROSS 7934	5246	90	72	193	128	2.8	0.6	12.4	4.8	44.0	4.5	30.1	7.3	1.0	25.4
1 TLALTIZAPAN 7934	5041	86	72	192	127	4.0	0.6	18.9	4.8	44.0	4.8	22.7	5.0	0.9	27.6
13 ACROSS 7844 RE	5030	86	77	210	141	14.8	0.0	8.4	4.5	44.0	4.8	21.6	5.8	1.0	24.3
MEANS	5668	97	69	194	122	5.4	1.0	10.1	4.9	44.0	3.5	18.2	4.6	1.0	24.0
MAXIMUM	6494	111	77	210	141	14.8	2.3	18.9	5.8	44.0	4.8	30.1	7.3	1.1	27.6
MINIMUM	5030	86	63	186	107	1.7	0.0	5.4	4.5	44.0	2.3	10.2	2.3	0.9	21.0
CHECKS (TESTIGOS):															
14 PX-74	5852	-	64	190	117	0.6	0.0	23.2	4.5	44.0	3.5	20.5	2.8	0.9	18.5
16 V-416	5770	-	71	228	142	47.2	13.6	10.3	4.8	44.0	3.3	23.3	7.5	0.8	23.9
15 W-2188	5721	-	65	189	105	0.0	0.0	12.8	4.0	44.0	3.0	17.6	3.3	0.9	17.9
CHECK MEANS	5781	-	66	202	121	15.9	4.5	15.4	4.4	44.0	3.3	20.5	4.5	0.9	20.1
5% LSD	1107.9		3.2	12.1	12.0										4.3
C.V.	13.7		3.3	4.4	6.9										12.9

TABLE: 345-V-82

EVT 16B: YEAR 1982 MEXICO DELICIAS

CO-OPERATOR: ING. JESUS M. RODRIGUEZ

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	SMUT %	PLANT ASPECT	EARS/ PLNT	MOIST %
3 KANIAMA 7934	4678	98	66	181	85	3.7	4.1	22.0	1.5	79.5	3.3	9.4	2.3	1.0	22.0
12 ACROSS 7734 RE	4578	96	69	194	102	2.6	5.9	19.6	1.3	76.0	3.5	10.2	2.3	1.1	21.0
4 ACROSS 7934	4541	95	67	176	106	5.9	2.9	26.8	1.0	77.0	3.6	11.9	2.0	1.0	20.7
7 SWAT 8047	4375	92	63	170	81	2.0	1.5	31.3	2.8	76.8	3.6	8.2	2.5	0.9	19.5
8 GEMEIZA 8047	4238	89	64	182	88	2.6	3.5	41.6	1.8	77.0	3.6	8.6	2.5	0.9	19.3
6 SWAT (1) 8047	4225	88	61	165	72	1.6	3.4	28.9	1.0	75.3	3.4	7.5	3.5	1.0	19.4
5 AWASSA (1) 8047	4169	87	63	181	96	3.6	3.2	32.0	2.3	77.8	3.5	11.2	2.8	0.9	19.1
11 ACROSS 8047	4094	86	64	176	86	3.4	4.6	29.3	1.5	74.3	3.8	12.8	2.5	1.0	19.1
9 GEMEIZA (1) 8047	3978	83	64	153	84	1.3	2.5	42.0	2.5	78.8	3.0	13.6	3.0	0.9	18.7
1 TLALTIZAPAN 7934	3922	82	68	182	97	3.0	6.7	29.2	2.3	74.8	3.8	16.8	2.8	1.0	20.1
10 TLALTIZAPAN 8047	3788	79	63	183	94	1.4	9.6	35.2	1.5	73.3	3.6	13.1	2.8	1.0	19.1
2 SETE LAGOAS 7934	3388	71	68	191	94	2.0	3.3	38.6	1.5	76.8	4.0	21.4	2.8	1.0	18.9
13 ACROSS 7844 RE	2828	59	69	178	96	0.0	5.5	37.2	2.3	75.5	4.0	28.4	2.8	0.9	21.7
MEANS	4062	85	65	178	91	2.5	4.4	31.8	1.8	76.3	3.6	13.3	2.6	1.0	19.9
MAXIMUM	4678	98	69	194	106	5.9	9.6	42.0	2.8	79.5	4.0	28.4	3.5	1.1	22.0
MINIMUM	2828	59	61	153	72	0.0	1.5	19.6	1.0	73.3	3.0	7.5	2.0	0.9	18.7
CHECKS (TESTIGOS):															
14 LOCAL CHECK 1	4775	-	61	234	118	4.3	13.0	22.1	1.8	69.3	3.3	9.7	2.5	0.9	19.6
16 LOCAL CHECK 3	4028	-	68	246	133	5.5	14.3	25.8	1.5	77.5	3.5	10.3	2.5	0.9	21.2
15 LOCAL CHECK 2	1338	-	71	178	81	1.2	13.5	60.8	1.8	62.0	4.5	3.1	4.5	0.7	14.4
CHECK MEANS	3380	-	66	219	110	3.7	13.6	36.2	1.7	69.6	3.8	7.7	3.2	0.8	18.4
5% LSD	628.8		1.4	24.9	16.4					7.2					1.2
C.V.	11.2		1.5	9.4	12.2					6.7					4.3

TABLE: 346-V-82

EVT 16B: YEAR 1982 MEXICO OBREGON(3)

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
8 GEMEIZA 8047	5901	89	59	178	95	14.0	42.7	6.8	40.3	2.3	6.1	6.3	1.1	22.9
3 KANIAMA 7934	5886	89	61	180	104	12.8	65.2	10.3	41.0	2.5	10.4	6.8	1.2	24.9
2 SETE LAGOAS 7934	5725	87	62	186	101	15.1	57.9	10.5	40.3	2.8	13.4	6.3	1.1	23.3
4 ACROSS 7934	5712	87	63	188	108	9.6	58.0	4.8	37.8	3.0	7.9	4.5	1.0	24.8
12 ACROSS 7734 RE	5614	85	62	175	103	10.7	61.3	13.0	36.8	2.8	8.6	5.5	1.1	25.7
1 TLALTIZAPAN 7934	5501	83	64	179	109	8.1	66.5	11.0	40.5	2.5	7.4	5.8	1.0	24.6
11 ACROSS 8047	5479	83	59	173	101	12.0	53.2	17.5	41.8	3.0	5.9	6.5	1.1	20.9
9 GEMEIZA (1) 8047	5437	82	60	164	96	7.3	47.4	7.2	41.3	2.8	11.4	5.0	1.0	22.5
13 ACROSS 7844 RE	5433	82	65	191	105	7.7	59.7	8.9	42.3	2.5	7.7	5.8	1.0	25.0
7 SWAT 8047	5356	81	58	186	95	11.2	48.0	13.4	42.3	2.8	7.7	6.0	1.0	21.1
10 TLALTIZAPAN 8047	5166	78	60	169	86	12.3	55.6	13.6	42.8	2.5	3.4	6.3	1.0	22.7
6 SWAT (1) 8047	5041	76	58	166	94	17.7	34.6	11.6	42.5	3.0	6.6	5.8	1.0	21.1
5 AWASSA (1) 8047	4840	73	58	179	100	18.7	45.9	10.8	40.5	2.8	5.0	6.8	1.0	22.2
MEANS	5468	83	61	178	100	12.1	53.5	10.7	40.7	2.7	7.8	5.9	1.1	23.2
MAXIMUM	5901	89	65	191	109	18.7	66.5	17.5	42.8	3.0	13.4	6.8	1.2	25.7
MINIMUM	4840	73	58	164	86	7.3	34.6	4.8	36.8	2.3	3.4	4.5	1.0	20.9
CHECKS (TESTIGOS):														
15 PR-7843	6600	-	70	196	118	3.1	63.8	5.4	39.3	1.5	4.5	5.5	1.1	26.6
14 PR-7822	6348	-	68	185	98	5.2	58.6	2.1	37.0	2.3	6.2	4.0	1.0	27.1
16 H-419	5684	-	65	224	128	16.3	70.9	11.3	41.3	2.5	12.2	8.8	1.0	24.0
CHECK MEANS	6211	-	67	201	114	8.2	64.4	6.2	39.2	2.1	7.6	6.1	1.0	25.9
5% LSD	713.4		2.2	23.8	19.5				3.6					2.1
C.V.	8.9		2.5	9.2	13.3				6.3					6.1

TABLE: 347-V-82

EVT 16B: YEAR 1982 ANGOLA CHIANGO

CO-OPERATOR: FERNANDO MARCELINO

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM TURC	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
13 ACROSS 7844 RE	5629	110	81	201	110	3.2	8.5	22.2	1.5	3.7	40.5	2.3	26.1	2.5	22.9
7 SWAT 8047	5341	104	71	181	78	3.8	7.9	35.1	3.5	1.2	39.5	3.5	31.9	3.5	23.5
1 TLALTIZAPAN 7934	5144	101	78	176	104	12.6	8.6	18.4	2.3	3.3	38.3	2.8	25.3	2.8	21.5
11 ACROSS 8047	5113	100	72	170	84	1.3	13.4	30.4	2.8	3.6	40.5	2.5	23.8	2.3	19.2
3 KANIAMA 7934	4927	96	75	181	85	6.3	7.4	33.0	2.8	1.9	40.8	2.8	30.9	3.0	22.4
5 AWASSA (1) 8047	4664	91	72	175	69	3.9	9.2	18.8	3.0	2.0	37.3	2.3	15.2	3.0	19.2
8 GEMEIZA 8047	4571	89	74	168	79	3.9	4.7	28.7	2.3	3.2	39.0	2.5	25.9	2.5	20.5
2 SETE LAGOAS 7934	4569	89	74	173	81	14.9	10.2	20.5	2.8	5.4	41.8	2.5	33.6	3.0	19.6
4 ACROSS 7934	4555	89	79	168	89	7.4	3.1	24.5	2.3	3.7	40.5	2.8	18.5	2.5	21.2
6 SWAT (1) 8047	4511	88	73	164	74	5.4	9.0	32.0	2.8	6.6	41.5	3.3	15.2	3.0	20.8
10 TLALTIZAPAN 8047	4275	84	73	166	71	3.7	14.1	27.0	3.0	4.3	41.0	3.0	17.1	2.0	18.0
12 ACROSS 7734 RE	4106	80	79	176	90	12.7	7.3	26.9	2.5	0.7	37.8	3.3	24.3	3.3	20.5
9 GEMEIZA (1) 8047	4090	80	74	161	75	3.8	9.8	35.2	2.5	1.8	39.8	3.0	18.6	3.3	18.6
MEANS	4730	93	75	174	84	6.4	8.7	27.1	2.6	3.2	39.8	2.8	23.6	2.8	20.6
MAXIMUM	5629	110	81	201	110	14.9	14.1	35.2	3.5	6.6	41.8	3.5	33.6	3.5	23.5
MINIMUM	4090	80	71	161	69	1.3	3.1	18.4	1.5	0.7	37.3	2.3	15.2	2.0	18.0
CHECKS (TESTIGOS):															
16 HTCA2	5112	-	80	206	119	7.5	19.4	21.2	1.3	13.1	41.0	2.3	24.5	2.8	23.8
15 BRANCO REDONDO	3924	-	88	215	135	2.7	23.5	22.6	1.3	10.4	36.8	2.3	21.0	3.3	24.2
14 SAM3	3817	-	88	208	114	5.7	7.4	25.5	1.3	2.4	35.3	2.5	33.4	3.5	24.2
CHECK MEANS	4284	-	85	209	122	5.3	16.7	23.1	1.3	8.6	37.7	2.3	26.3	3.2	24.1
5% LSD	1303.7		4.2	22.1	23.1						3.1				
C. V.	19.7		3.8	8.6	17.8						5.5				

TABLE: 348-V-82

EVT 16B: YEAR 1982 LIBYA ALKUFRA

CO-OPERATOR: RESEARCH CENTRE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	TOTAL DM * Q/Ha.	EARS/ PLNT
3 KANIAMA 7934	10489	118	63	204	96	24.0	3.3	1.3	207.0	1.2
8 GEMEIZA 8047	10222	115	62	177	80	24.0	3.3	1.0	195.5	1.0
6 SWAT (1) 8047	10133	114	61	182	82	24.0	2.8	1.3	183.0	1.0
7 SWAT 8047	10044	113	62	193	92	24.0	3.0	2.0	194.6	1.0
11 ACROSS 8047	10044	113	61	175	78	24.0	2.8	1.3	196.4	1.1
2 SETE LAGOAS 7934	9778	110	64	198	96	24.0	3.0	1.5	206.1	1.1
9 GEMEIZA (1) 8047	9422	106	60	174	72	24.0	2.5	1.3	182.1	1.1
12 ACROSS 7734 RE	9244	104	64	188	96	24.0	2.8	1.5	212.4	1.1
10 TLALTIZAPAN 8047	9200	103	61	191	79	24.0	3.0	2.0	183.5	1.0
13 ACROSS 7844 RE	8978	101	66	194	101	24.0	3.3	1.5	198.6	1.0
1 TLALTIZAPAN 7934	8978	101	64	186	95	24.0	2.8	1.5	199.9	1.1
5 AWASSA (1) 8047	8578	96	59	180	86	24.0	2.0	1.8	180.4	1.1
4 ACROSS 7934	8178	92	64	189	96	24.0	3.0	2.0	180.4	1.0
MEANS	9484	107	62	187	88	24.0	2.9	1.5	193.8	1.1
MAXIMUM	10489	118	66	204	101	24.0	3.3	2.0	212.4	1.2
MINIMUM	8178	92	59	174	72	24.0	2.0	1.0	180.4	1.0
CHECKS (TESTIGOS):										
15 AGAITI-72	8889	-	58	189	95	24.0	2.5	1.0	174.6	1.1
16 AGAITI-72	8089	-	58	193	85	24.0	2.3	1.3	166.6	1.1
14 AGAITI-72	6044	-	59	187	82	24.0	2.0	1.8	171.0	1.0
CHECK MEANS	7674	-	58	189	87	24.0	2.3	1.3	170.7	1.1
5% LSD	2673.8		4.5	18.6	20.4					
C.V.	20.5		5.2	7.0	16.3					

* TOTAL DRY MATTER.

TABLE: 349-V-82

EVT 16B: YEAR 1982 MALAWI BVUNMBWE

CO-OPERATOR: N. M. NSAMJERME L. CHIPEMBIRO

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PUCC SORG	HELM TURC	PLANTS HARV	EARS/ PLNT	MOIST %
13 ACROSS 7844 RE	7857	77	66	227	95	9.1	3.7	3.0	2.0	43.8	1.1	18.5
3 KANIAMA 7934	7046	69	65	206	91	12.3	6.0	3.0	4.0	42.8	1.0	17.1
4 ACROSS 7934	7011	69	65	200	89	14.8	11.4	3.0	3.0	43.8	1.0	16.1
12 ACROSS 7734 RE	6903	68	65	185	105	20.2	2.8	2.0	4.0	43.5	1.0	17.4
1 TLALTIZAPAN 7934	6899	68	66	157	93	14.2	4.8	2.0	4.0	44.0	1.1	16.3
11 ACROSS 8047	6804	67	64	206	87	9.8	8.0	3.0	5.0	43.5	1.1	15.7
8 GEMEIZA 8047	6636	65	64	201	90	15.8	8.1	4.0	2.0	42.5	1.0	15.7
10 TLALTIZAPAN 8047	6475	64	64	208	94	10.9	11.4	3.0	2.0	43.8	1.0	15.6
2 SETE LAGOAS 7934	6391	63	64	213	94	24.3	10.8	3.0	5.0	43.3	1.0	14.8
9 GEMEIZA (1) 8047	6294	62	64	197	73	14.9	7.1	2.0	4.0	43.8	1.0	14.8
6 SWAT (1) 8047	6288	62	63	195	69	12.9	4.9	1.0	3.0	42.8	1.0	15.2
5 AWASSA (1) 8047	6076	60	64	213	86	11.6	6.4	3.0	4.0	43.3	1.0	15.8
7 SWAT 8047	5818	57	63	212	87	6.3	11.0	4.0	5.0	44.0	1.0	15.7
MEANS	6654	65	64	202	89	13.6	7.4	2.8	3.6	43.4	1.0	16.1
MAXIMUM	7857	77	66	227	105	24.3	11.4	4.0	5.0	44.0	1.1	18.5
MINIMUM	5818	57	63	157	69	6.3	2.8	1.0	2.0	42.5	1.0	14.8
CHECKS (TESTIGOS):												
16 MH12	10175	-	69	272	129	11.5	4.7	2.0	1.0	43.8	1.0	17.8
14 CCCCO	8383	-	70	200	109	13.4	3.3	4.0	3.0	43.0	1.1	17.9
15 UCA	8208	-	69	192	110	16.9	4.8	1.0	2.0	41.0	1.0	18.7
CHECK MEANS	8922	-	69	221	116	13.9	4.3	2.3	2.0	42.6	1.0	18.1
5% LSD	809.9									1.9		
C.V.	8.0									3.1		

TABLE: 350-V-82

EVT 16B: YEAR 1982 MALAWI CHITEDZE

CO-OPERATOR: WO. NHLANE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC SORG	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
5 AWASSA (1) 8047	4590	82	58	162	75	7.5	9.3	2.8	2.5	2.5	43.0	2.8	3.5	2.8	21.4
7 SWAT 8047	4310	77	59	155	62	11.0	6.9	5.8	2.3	2.0	41.3	2.8	5.5	3.0	21.2
12 ACROSS 7734 RE	4278	76	62	173	89	6.5	15.7	4.4	2.5	2.8	42.0	2.5	6.5	3.0	22.6
1 TLALTIZAPAN 7934	4256	76	62	169	89	10.1	15.4	2.7	2.5	2.3	41.5	3.0	7.6	2.8	24.2
4 ACROSS 7934	4243	75	61	166	77	6.3	8.3	3.5	2.3	2.3	37.5	2.8	6.9	2.8	21.3
13 ACROSS 7844 RE	4198	75	65	172	87	6.1	7.3	2.2	2.5	2.8	41.3	3.0	3.0	3.0	23.5
8 GEMEIZA 8047	4143	74	59	156	74	10.7	10.4	7.0	2.3	2.3	41.3	2.5	6.1	3.3	20.7
11 ACROSS 8047	4021	72	59	162	74	7.0	16.3	6.1	2.5	2.5	41.3	3.0	5.4	3.3	20.9
10 TLALTIZAPAN 8047	3996	71	59	160	72	6.5	7.6	5.5	2.3	2.3	42.0	2.5	4.3	2.8	20.3
3 KANIAMA 7934	3957	70	60	165	77	7.8	5.2	4.6	2.5	2.8	40.0	3.3	9.4	3.0	21.6
6 SWAT (1) 8047	3728	66	57	143	56	9.3	10.9	7.5	2.5	2.0	43.3	2.8	1.1	3.0	19.9
9 GEMEIZA (1) 8047	3685	66	58	149	66	6.2	16.2	5.1	2.0	2.5	41.3	3.8	3.7	3.5	20.8
2 SETE LAGOAS 7934	3149	56	60	157	72	10.7	8.6	8.8	2.3	2.5	44.0	3.5	6.3	2.8	19.7
MEANS	4043	72	60	161	74	8.1	10.6	5.1	2.4	2.4	41.5	2.9	5.3	3.0	21.4
MAXIMUM	4590	82	65	173	89	11.0	16.3	8.8	2.5	2.8	44.0	3.8	9.4	3.5	24.2
MINIMUM	3149	56	57	143	56	6.1	5.2	2.2	2.0	2.0	37.5	2.5	1.1	2.8	19.7
CHECKS (TESTIGOS):															
16 MH12	5622	-	71	214	117	4.1	1.2	0.0	2.0	2.0	43.3	1.8	4.6	3.0	30.2
15 UCA C2	5552	-	67	232	133	8.3	6.7	2.4	2.5	2.0	38.5	2.0	6.4	3.5	28.5
14 CCC CO	4566	-	65	206	89	9.9	7.6	3.2	3.0	2.5	37.8	2.5	3.9	3.0	25.4
CHECK MEANS	5247	-	67	217	112	7.4	5.1	1.8	2.5	2.2	39.8	2.1	5.0	3.2	28.1
5% LSD	847.2		2.7	21.9	9.6						4.6				
C.V.	13.9		3.1	9.0	8.2						7.9				

TABLE: 351-V-82

EVT 16B: YEAR 1982 MALAWI MBAWA

CO-OPERATOR: WG. NHLANE

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC SORG	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT
13 ACROSS 7844 RE	5616	82	69	248	109	37.3	2.9	13.1	1.8	2.3	42.3	2.8	15.6	2.5	1.0
3 KANIAMA 7934	5495	80	63	228	95	56.0	3.0	13.1	4.3	3.5	42.5	2.8	22.9	2.8	1.1
4 ACROSS 7934	5273	77	66	219	92	40.2	10.9	12.0	2.3	3.0	41.0	2.5	16.0	1.8	1.1
12 ACROSS 7734 RE	5192	76	67	240	104	63.2	3.4	11.0	2.0	3.5	41.3	3.3	19.0	3.0	1.1
8 GEMEIZA 8047	5091	75	61	221	87	37.1	6.0	11.9	2.0	4.0	41.0	3.5	18.6	1.5	1.0
10 TLALTIZAPAN 8047	5030	74	63	231	82	30.3	6.1	11.6	2.3	3.5	41.8	3.0	21.6	2.3	1.0
6 SWAT (1) 8047	5010	73	60	206	72	46.3	3.6	10.6	2.0	3.5	42.3	3.3	18.5	3.0	1.0
2 SETE LAGOAS 7934	5010	73	63	206	87	32.4	1.2	10.9	2.0	3.0	43.5	3.3	22.3	3.0	1.1
7 SWAT 8047	4950	72	60	213	76	39.9	0.6	15.5	3.3	3.8	42.3	3.3	17.7	1.8	1.0
11 ACROSS 8047	4909	72	62	190	73	34.9	0.6	6.1	2.0	3.8	43.3	3.8	18.6	1.8	1.0
5 AWASSA (1) 8047	4808	70	60	215	79	52.1	0.0	12.8	2.0	3.5	43.3	3.5	18.9	3.5	1.0
1 TLALTIZAPAN 7934	4727	69	64	238	88	56.5	2.3	17.9	2.5	4.0	43.0	3.3	18.6	2.5	1.0
9 GEMEIZA (1) 8047	4323	63	62	207	79	37.2	4.2	10.9	3.8	4.5	41.5	3.8	19.8	2.0	1.0
MEANS	5033	74	63	220	86	43.3	3.4	12.1	2.5	3.5	42.2	3.2	19.1	2.4	1.0
MAXIMUM	5616	82	69	248	109	63.2	10.9	17.9	4.3	4.5	43.5	3.8	22.9	3.5	1.1
MINIMUM	4323	63	60	190	72	30.3	0.0	6.1	1.8	2.3	41.0	2.5	15.6	1.5	1.0
CHECKS (TESTIGOS):															
16 MH12	6828	-	70	296	137	15.9	0.0	3.5	1.8	1.8	41.0	2.0	21.2	1.8	1.0
14 CCC CO	6000	-	70	264	117	39.3	2.3	3.9	1.3	1.5	42.8	2.8	23.2	3.3	1.0
15 UCA	5374	-	70	300	138	37.6	1.1	6.5	1.0	3.0	38.0	2.8	21.9	2.3	1.0
CHECK MEANS	6067	-	70	286	130	31.0	1.2	4.7	1.3	2.1	40.6	2.5	22.1	2.4	1.0
5% LSD	779.7		2.0	29.6	18.3						4.0				
C.V.	10.5		2.1	8.9	13.6						6.6				

TABLE: 352-V-82

EVT 16B: YEAR 1982 MOROCCO AGADIR

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	DAYS POLLEN	EARS/ PLNT
7 SWAT 8047	4970	97	88	201	85	41.3	89.8	1.0
12 ACROSS 7734 RE	4908	95	89	219	99	43.0	83.3	1.1
6 SWAT (1) 8047	4733	92	88	205	108	37.8	82.3	1.1
4 ACROSS 7934	4673	91	86	209	101	42.3	83.5	1.0
13 ACROSS 7844 RE	4510	88	88	233	108	41.5	85.0	1.0
10 TLALTIZAPAN 8047	4451	87	88	211	93	42.5	86.0	1.0
9 GEMEIZA (1) 8047	4379	85	87	204	79	43.3	88.8	1.0
3 KANIAMA 7934	4362	85	87	229	115	42.5	87.3	1.2
5 AWASSA (1) 8047	4354	85	79	214	95	42.5	74.8	1.0
8 GEMEIZA 8047	4279	83	84	204	100	42.3	83.3	1.0
11 ACROSS 8047	4250	83	89	201	77	41.0	92.3	1.0
2 SFTE LAGOAS 7934	4187	81	88	215	102	43.3	81.8	1.0
1 TLALTIZAPAN 7934	3541	69	87	201	89	41.0	77.3	1.0
MEANS	4431	86	87	211	96	41.8	85.0	1.0
MAXIMUM	4970	97	89	233	115	43.3	92.3	1.2
MINIMUM	3541	69	79	201	77	37.8	74.8	1.0
CHECKS (TESTIGOS):								
15 LOCAL CHECK 2	5142	-	77	199	80	42.8	73.8	1.0
14 LOCAL CHECK 1	3721	-	87	230	96	39.3	87.0	0.8
16 LOCAL CHECK 3	2827	-	91	211	109	41.5	92.5	0.7
CHECK MEANS	3897	-	84	213	95	41.2	84.4	0.9
5% LSD	1622.6		5.3	28.9	25.6	3.7		
C.V.	26.3		4.3	9.6	18.8	6.1		

TABLE: 353-V-82

EVT 16B: YEAR 1982 MOROCCO QHARB

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	SMUT %	DAYS POLLEN	MOIST %
6 SWAT (1) 8047	6873	118	73	255	112	38.3	1.9	73.0	13.5
7 SWAT 8047	6632	114	73	272	122	38.5	5.2	73.0	15.1
13 ACROSS 7844 RE	6480	112	84	291	154	35.8	26.0	86.0	13.8
10 TLALTIZAPAN 8047	6446	111	80	287	132	36.8	16.5	80.0	13.7
11 ACROSS 8047	6434	111	80	287	144	39.5	12.6	79.5	14.6
4 ACROSS 7934	6421	111	82	284	147	37.5	12.9	81.8	15.4
12 ACROSS 7734 RE	6366	110	82	305	160	35.8	12.4	81.8	14.9
9 GEMEIZA (1) 8047	6350	109	73	270	128	37.0	3.3	73.0	14.8
8 GEMEIZA 8047	6331	109	73	263	119	40.3	6.4	73.0	14.8
5 AWASSA (1) 8047	6224	107	83	285	140	37.8	19.1	83.0	14.8
3 KANIAMA 7934	5789	100	78	290	139	38.3	17.7	78.0	15.0
1 TLALTIZAPAN 7934	5715	98	80	274	133	38.3	5.9	79.5	15.4
2 SETE LAGOAS 7934	5673	98	80	286	149	36.0	17.2	79.5	14.9
MEANS	6287	108	78	281	137	37.7	12.1	78.5	14.7
MAXIMUM	6873	118	84	305	160	40.3	26.0	86.0	15.4
MINIMUM	5673	98	73	255	112	35.8	1.9	73.0	13.5
CHECKS (TESTIGOS):									
15 LOCAL CHECK 2	5805	-	67	289	134	33.0	0.0	66.8	14.3
14 LOCAL CHECK 1	5582	-	82	326	178	28.3	25.3	82.0	14.2
16 LOCAL CHECK 3	4757	-	81	300	171	33.0	17.9	80.5	15.1
CHECK MEANS	5381	-	76	304	160	31.4	14.4	76.4	14.5
5% LSD	922.5		0.9	22.4	26.1	4.0			2.1
C.V.	10.6		0.8	5.5	13.0	7.7			10.3

TABLE: 354-V-82

EVT 16B: YEAR 1982 MOZAMBIQUE LICHINGA

CO-OPERATOR: YENS PEDERSEN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	HELM TURC	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
12 ACROSS 7734 RE	4481	85	72	204	93	8.1	2.5	2.0	32.5	3.0	1.2	19.7
11 ACROSS 8047	4184	80	69	183	79	4.9	3.2	1.8	37.0	3.5	0.9	18.8
10 TLALTIZAPAN 8047	4182	80	67	183	88	7.0	0.9	1.8	30.8	3.5	1.0	17.7
13 ACROSS 7844 RE	4054	77	73	202	101	2.1	6.3	1.5	29.3	3.5	1.0	22.2
4 ACROSS 7934	3991	76	67	180	85	4.4	0.0	2.0	32.5	3.5	1.0	20.4
1 TLALTIZAPAN 7934	3979	76	67	163	87	4.7	1.7	1.5	32.5	3.3	1.1	20.1
3 KANIAMA 7934	3944	75	69	186	84	4.4	1.3	1.8	30.0	3.0	1.0	20.4
8 GEMEIZA 8047	3940	75	66	180	77	2.1	5.4	1.8	33.0	3.3	0.9	18.4
6 SWAT (1) 8047	3764	72	64	169	72	5.0	3.1	1.5	32.3	3.3	0.9	19.3
5 AWASSA (1) 8047	3756	72	65	175	79	4.5	4.3	1.8	32.8	3.0	1.0	18.5
7 SWAT 8047	3640	69	69	176	67	4.3	1.5	1.5	28.8	3.8	1.0	17.6
2 SETE LAGOAS 7934	3544	68	70	191	85	4.7	6.6	2.3	31.3	2.3	1.2	19.1
9 GEMEIZA (1) 8047	3524	67	65	173	77	5.2	1.1	1.5	32.5	3.0	0.9	18.6
MEANS	3922	75	68	182	82	4.7	2.9	1.7	31.9	3.2	1.0	19.3
MAXIMUM	4481	85	73	204	101	8.1	6.6	2.3	37.0	3.8	1.2	22.2
MINIMUM	3524	67	64	163	67	2.1	0.0	1.5	28.8	2.3	0.9	17.6
CHECKS (TESTIGOS):												
16 SR-52	5247	-	75	242	114	7.5	1.1	1.0	30.5	3.8	1.0	27.7
14 R-200	4718	-	65	219	107	4.4	2.8	1.0	27.8	4.8	0.9	19.5
15 SILVER MINE	4285	-	73	236	119	4.7	5.4	1.0	32.3	3.3	1.0	24.0
CHECK MEANS	4750	-	70	232	113	5.5	3.1	1.0	30.2	3.9	1.0	23.7
5% LSD	1001.3		1.8	19.5	8.6				8.4			2.1
C.V.	17.2		1.9	7.2	6.8				18.7			7.2

TABLE: 355-V-82

EVT 16B: YEAR 1982 MOZAMBIQUE LIOMA

CO-OPERATOR: S. HOEKSTRA

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
13 ACROSS 7844 RE	3986	97	59	25.5	0.0	1.6	43.3	3.3	1.1	14.3
1 TLALTIZAPAN 7934	2914	71	56	39.0	0.0	2.3	40.8	4.3	1.0	13.4
12 ACROSS 7734 RE	2778	67	57	29.2	0.0	3.3	39.5	4.0	1.2	13.8
7 SWAT 8047	2590	63	53	45.8	0.0	2.8	40.5	4.5	1.0	13.4
4 ACROSS 7934	2586	63	58	49.4	0.0	0.5	41.8	4.5	1.0	13.5
11 ACROSS 8047	2490	60	55	38.9	0.0	5.2	41.8	4.5	0.9	12.6
8 GEMEIZA 8047	2435	59	55	39.5	0.0	2.3	41.5	4.5	1.1	13.8
3 KANIAMA 7934	2365	57	58	40.7	0.6	2.2	41.5	4.8	1.1	12.6
9 GEMEIZA (1) 8047	2340	57	57	28.1	0.6	3.4	42.0	4.8	1.1	13.6
2 SETE LAGOAS 7934	2221	54	58	39.0	0.0	1.9	41.5	4.5	1.0	13.6
10 TLALTIZAPAN 8047	2181	53	57	33.2	0.6	1.8	41.5	4.5	1.0	13.2
5 AWASSA (1) 8047	1712	42	55	43.8	0.0	3.2	41.5	5.0	1.0	13.0
6 SWAT (1) 8047	1597	39	57	62.8	0.0	2.3	41.3	5.0	1.0	12.3
MEANS	2476	60	56	39.6	0.1	2.5	41.4	4.5	1.0	13.3
MAXIMUM	3986	97	59	62.8	0.6	5.2	43.3	5.0	1.2	14.3
MINIMUM	1597	39	53	25.5	0.0	0.5	39.5	3.3	0.9	12.3
CHECKS (TESTIGOS):										
14 R-200	4122	-	55	21.9	0.0	2.2	43.8	3.0	1.1	13.9
16 SR-52	3857	-	62	22.8	0.0	0.6	40.3	2.0	1.1	18.1
15 SILVERKING	2476	-	59	45.2	1.2	0.0	42.0	4.5	1.0	13.3
CHECK MEANS	3485	-	58	30.0	0.4	0.9	42.0	3.2	1.0	15.1
5% LSD	1050.6		4.5				3.1			0.6
C.V.	27.7		5.6				5.2			3.1

TABLE: 356-V-82

EVT 16B: YEAR 1982 REP. S. AFRICA POTCHEFSTROOM

CO-OPERATOR: DR. A. P. FOURIE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	%BAD H. C.	SMUT %	SHELLING %	EARS/ PLNT	MOIST %
8 GEMEIZA 8047	3450	95	70	190	79	7.6	0.0	3.0	36.5	1.4	0.7	71.9	1.2	13.2
1 TLALTIZAPAN 7934	3253	90	74	199	84	11.5	0.0	2.3	37.3	0.7	2.7	79.3	1.3	12.9
4 ACROSS 7934	3142	86	72	214	76	6.7	0.0	1.0	37.3	0.7	2.7	79.6	1.2	13.1
3 KANIAMA 7934	3083	85	72	204	70	6.0	0.0	2.9	37.8	2.7	1.3	80.2	1.4	11.4
11 ACROSS 8047	3030	83	70	194	66	7.8	0.0	3.0	38.3	0.7	1.3	78.7	1.1	10.7
6 SWAT (1) 8047	3024	83	70	187	70	3.8	0.0	1.1	39.5	0.6	0.0	79.0	1.1	10.7
5 AWASSA (1) 8047	2998	83	70	189	80	5.4	0.0	1.7	37.5	2.7	1.9	80.1	1.1	11.9
7 SWAT 8047	2858	79	70	192	71	12.4	0.0	4.3	38.8	2.6	2.6	81.7	1.1	11.9
9 GEMEIZA (1) 8047	2803	77	70	175	67	11.0	0.6	3.0	38.3	2.6	0.7	78.0	1.2	10.1
10 TLALTIZAPAN 8047	2790	77	71	204	78	6.7	0.0	2.5	38.0	2.7	0.7	78.9	1.1	11.5
12 ACROSS 7734 RE	2688	74	73	211	87	11.9	0.0	0.5	37.8	1.3	2.0	81.1	1.0	12.6
13 ACROSS 7844 RE	2293	63	76	221	89	7.9	0.0	1.9	37.8	0.0	1.3	78.9	1.0	13.4
2 SETE LAGOAS 7934	2288	63	71	199	72	7.2	0.0	2.2	38.8	0.6	3.9	77.7	1.2	12.9
MEANS	2900	80	71	198	76	8.1	0.0	2.3	37.9	1.5	1.7	78.9	1.2	12.0
MAXIMUM	3450	95	76	221	89	12.4	0.6	4.3	39.5	2.7	3.9	81.7	1.4	13.4
MINIMUM	2288	63	70	175	66	3.8	0.0	0.5	36.5	0.0	0.0	71.9	1.0	10.1
CHECKS (TESTIGOS):														
15 PNR473	3632	-	74	197	93	3.3	0.0	2.2	37.8	2.0	0.0	85.7	1.4	11.5
16 A471W	3581	-	71	198	67	6.6	0.0	0.4	38.3	0.0	0.7	83.3	1.4	12.7
14 TX9	2975	-	76	238	93	7.7	1.3	2.0	39.0	0.7	1.3	86.2	0.9	13.2
CHECK MEANS	3396	-	73	210	84	5.9	0.4	1.6	38.3	0.9	0.6	85.1	1.2	12.5
5% LSD	745.7		0.9	19.2	16.0				1.7					
C. V.	17.5		0.9	6.7	14.5				3.1					

TABLE: 357-V-82

EVT 16B: YEAR 1982 ZAIRE KANIAMA

CO-OPERATOR: PNM

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	STALK ROT	HELM MAYD	PUCC	HELM TURC	PLANTS HARV	%BAD H. C.	MOIST %
4 ACROSS 7934	4612	75	64	204	105	20.3	5.9	11.0	10.9	3.0	1.8	2.8	39.3	19.6	24.0
7 SWAT 8047	4398	72	58	189	83	15.4	7.1	11.8	17.2	3.0	1.8	3.0	39.3	26.1	21.5
13 ACROSS 7844 RE	4350	71	67	216	112	37.5	2.6	8.7	11.0	2.3	1.8	2.5	38.5	16.4	23.8
3 KANIAMA 7934	4219	69	60	200	97	17.0	6.4	11.7	16.5	3.0	2.0	3.0	38.3	19.4	23.2
1 TLALTIZAPAN 7934	4212	69	64	191	97	23.0	5.5	12.3	12.4	2.5	2.0	3.0	36.5	21.5	23.5
6 SWAT (1) 8047	4022	66	58	178	81	17.8	4.2	11.3	24.6	2.8	2.0	3.0	37.0	12.2	21.6
12 ACROSS 7734 RE	4006	65	64	213	112	36.3	7.0	12.8	14.7	2.8	2.0	3.3	36.3	16.7	22.8
11 ACROSS 8047	3973	65	60	191	94	15.6	7.8	14.4	23.5	3.0	1.8	3.5	38.0	21.9	21.8
2 SETE LAGOAS 7934	3856	63	62	205	101	21.1	10.5	13.4	14.9	3.0	2.0	3.0	39.0	20.5	21.9
10 TLALTIZAPAN 8047	3825	62	60	189	90	12.6	11.8	9.6	14.0	2.8	1.8	3.3	38.3	19.1	22.0
8 GEMEIZA 8047	3794	62	60	192	88	17.9	6.9	9.4	15.2	2.8	1.8	3.3	38.8	20.6	21.2
5 AWASSA (1) 8047	3790	62	58	187	86	12.7	10.8	18.9	19.2	2.5	2.0	3.3	36.0	14.5	22.8
9 GEMEIZA (1) 8047	3602	59	60	181	87	19.3	2.7	10.1	19.6	3.0	1.8	3.8	37.8	16.9	21.2
MEANS	4051	66	61	195	95	20.5	6.9	11.9	16.4	2.8	1.9	3.1	37.9	18.9	22.4
MAXIMUM	4612	75	67	216	112	37.5	11.8	18.9	24.6	3.0	2.0	3.8	39.3	26.1	24.0
MINIMUM	3602	59	58	178	81	12.6	2.6	8.7	10.9	2.3	1.8	2.5	36.0	12.2	21.2
CHECKS (TESTIGOS):															
14 KASAI I	6136	-	67	223	115	11.8	6.2	7.1	4.4	2.0	2.0	2.0	40.0	8.1	24.6
15 SALONGO II	5156	-	69	234	130	22.7	3.8	7.1	5.1	2.3	1.0	2.0	39.5	4.5	27.8
16 GPS-5	5054	-	66	237	146	33.9	0.7	8.2	3.2	2.0	1.5	2.0	39.3	5.0	23.7
CHECK MEANS	5449	-	67	231	130	22.8	3.5	7.5	4.2	2.1	1.5	2.0	39.6	5.9	25.4
5% LSD	1078.9		1.9	15.9	11.4								3.1		
C. V.	17.6		2.2	5.5	7.9								5.7		

TABLE: 358-V-83

EVT 16B: YEAR 1982 ZIMBABWE KADOMA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	STEM LODG	PLANTS HARV	EARS/ PLNT	MOIST %
6 SWAT (1) 8047	5341	87	4.5	44.0	0.9	12.9
7 SWAT 8047	5098	83	8.0	44.0	1.0	12.8
5 AWASSA (1) 8047	5030	82	6.8	44.0	1.0	12.9
1 TLALTIZAPAN 7934	4875	79	8.0	44.0	1.0	12.9
3 KANIAMA 7934	4870	79	9.1	44.0	1.0	13.0
2 SETE LAGOAS 7934	4858	79	6.8	44.0	1.0	13.2
4 ACROSS 7934	4759	77	4.5	44.0	1.0	13.6
11 ACROSS 8047	4720	77	8.5	44.0	1.0	12.9
12 ACROSS 7734 RE	4698	76	13.6	44.0	1.0	13.3
13 ACROSS 7844 RE	4497	73	2.8	44.0	1.0	13.6
9 GEMEIZA (1) 8047	4466	72	9.1	44.0	0.9	13.0
8 GEMEIZA 8047	4466	72	8.0	44.0	0.9	13.0
10 TLALTIZAPAN 8047	4372	71	7.4	44.0	0.9	12.4
MEANS	4773	77	7.5	44.0	1.0	13.0
MAXIMUM	5341	87	13.6	44.0	1.0	13.6
MINIMUM	4372	71	2.8	44.0	0.9	12.4
CHECKS (TESTIGOS):						
16 ZS225	6165	-	0.6	44.0	1.0	13.1
15 ZS107	5194	-	3.4	44.0	0.9	15.3
14 SR52	2479	-	58.0	44.0	0.4	15.2
CHECK MEANS	4613	-	20.6	44.0	0.8	14.5
5% LSD	1033.5					0.0
C.V.	15.3					0.0

TABLE: 359-V-82

EVT 16B: YEAR 1982 SAUDI ARABIA QASSIM

CO-OPERATOR: EDDIE HUANG

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS QERM	EARS/ PLNT	MOIST %
4 ACROSS 7934	7798	106	53	170	96	7.4	33.8	1.0	9.8	1.0	71.0	1.1	26.5
2 SETE LAGOAS 7934	7775	106	53	170	95	4.8	35.5	1.3	9.1	1.0	71.5	1.0	25.4
5 AWASSA (1) 8047	7741	105	52	173	93	3.5	34.5	1.0	4.4	1.3	70.5	1.0	24.6
10 TLALTIZAPAN 8047	7692	105	51	171	89	8.6	35.3	1.5	7.0	1.3	72.0	1.0	26.2
11 ACROSS 8047	7618	104	52	167	86	5.9	34.3	1.0	4.5	1.3	71.0	1.0	25.7
9 QEMEIZA (1) 8047	7575	103	52	168	86	5.1	34.5	1.0	3.0	1.3	72.0	1.0	27.4
8 QEMEIZA 8047	7082	96	53	169	87	4.5	34.8	1.3	5.1	1.5	71.0	1.0	26.2
6 SWAT (1) 8047	7002	95	52	160	82	4.4	34.8	1.3	8.8	1.3	71.5	1.0	24.9
7 SWAT 8047	6921	94	52	166	85	8.6	34.5	1.5	7.2	1.5	72.0	1.0	24.4
1 TLALTIZAPAN 7934	6742	92	56	171	96	8.5	34.3	1.3	3.7	1.5	70.0	1.0	27.9
3 KANIAMA 7934	6394	87	53	163	87	3.6	33.8	1.8	5.2	1.3	71.5	1.0	28.0
MEANS	7304	99	53	168	89	5.9	34.5	1.3	6.2	1.3	71.3	1.0	26.1
MAXIMUM	7798	106	56	173	96	8.6	35.5	1.8	9.8	1.5	72.0	1.1	28.0
MINIMUM	6394	87	51	160	82	3.5	33.8	1.0	3.0	1.0	70.0	1.0	24.4
CHECKS (TESTIGOS):													
13 LOCAL CHECK 2	7345	-	56	178	99	5.2	35.5	1.5	4.2	1.3	71.5	1.0	27.1
12 LOCAL CHECK 1	7239	-	53	170	89	7.0	34.0	1.8	2.9	1.3	71.0	1.1	24.4
14 LOCAL CHECK 3	6319	-	55	177	99	7.5	34.3	2.3	5.8	1.3	70.0	1.0	25.6
CHECK MEANS	6967	-	54	174	95	6.5	34.6	1.8	4.3	1.3	70.8	1.0	25.7
5% LSD	1424.5		2.0	12.4	10.5		2.1						3.3
C. V.	13.8		2.7	5.1	8.1		4.2						8.9

TABLE: 360-V-82

EVT 16B: YEAR 1982 PAKISTAN ISLAMABAD

CO-OPERATOR: ABDUL SHAKOOR

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
1 TLALTIZAPAN 7934	4330	136	54	149	80	9.9	8.6	1.9	1.8	41.0	1.8	1.5	1.0	31.0
7 SWAT 8047	4288	135	53	134	61	7.5	9.7	0.7	1.3	43.8	1.8	1.3	0.9	28.0
13 ACROSS 7844 RE	4267	134	56	169	91	5.7	8.6	1.7	1.8	43.8	1.5	1.0	1.0	30.3
3 KANIAMA 7934	4013	126	54	155	76	7.0	5.9	0.6	1.8	42.5	1.5	1.8	1.1	29.6
8 GEMEIZA 8047	3962	125	54	145	66	10.8	10.1	1.3	1.3	41.5	1.8	1.5	1.0	29.2
4 ACROSS 7934	3924	123	54	154	89	10.7	11.9	1.3	2.3	43.8	2.0	2.0	0.9	28.7
5 AWASSA (1) 8047	3901	123	52	140	75	8.4	8.4	1.2	1.8	44.3	2.0	1.8	1.0	26.0
10 TLALTIZAPAN 8047	3740	118	53	155	74	11.1	10.6	1.2	1.5	42.8	1.5	1.3	0.9	28.2
12 ACROSS 7734 RE	3691	116	54	158	78	9.6	9.0	0.0	2.0	42.5	2.5	1.8	1.0	28.5
6 SWAT (1) 8047	3596	113	52	131	60	9.3	9.9	1.1	1.8	41.5	1.0	1.3	1.0	27.4
2 SETE LAGOAS 7934	3511	110	53	145	84	11.6	14.5	1.4	1.8	41.3	1.8	1.5	1.0	26.7
9 GEMEIZA (1) 8047	3425	108	53	135	64	15.3	12.0	1.2	1.3	41.5	1.8	2.3	0.9	28.7
11 ACROSS 8047	3324	104	54	130	69	13.9	12.7	2.5	2.0	41.5	1.8	2.0	1.0	28.0
MEANS	3844	121	54	146	74	10.1	10.2	1.2	1.7	42.4	1.7	1.6	1.0	28.5
MAXIMUM	4330	136	56	169	91	15.3	14.5	2.5	2.3	44.3	2.5	2.3	1.1	31.0
MINIMUM	3324	104	52	130	60	5.7	5.9	0.0	1.3	41.0	1.0	1.0	0.9	26.0
CHECKS (TESTIGOS):														
16 PIRSABAK-7930	3181	-	54	139	55	12.3	9.6	1.2	1.8	39.0	1.8	2.3	1.0	28.6
14 POOL-17	3033	-	52	145	69	13.7	13.9	2.1	1.8	37.3	2.3	2.3	1.1	26.5
15 NEW SHAHEEN	2720	-	52	148	46	10.1	11.0	0.0	2.0	38.0	2.0	2.5	1.1	26.6
CHECK MEANS	2978	-	52	143	56	12.0	11.5	1.1	1.8	38.1	2.0	2.3	1.0	27.2
5% LSD	1088.6		2.0	10.5	13.6					4.6				3.5
C.V.	20.8		2.6	5.1	13.4					7.8				8.8

TABLE: 361-V-82

EVT 16B: YEAR 1982 PAKISTAN PIRSABAK

CO-OPERATOR: M. SALIM CCRI, PIRSABAK

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
13 ACROSS 7844 RE	7587	102	61	196	114	11.6	1.0	33.5	0.9	34.0
8 GEMEIZA 8047	7587	102	59	189	115	9.9	1.7	32.8	0.9	30.9
12 ACROSS 7734 RE	7415	100	61	206	123	13.9	0.0	33.8	0.9	30.9
11 ACROSS 8047	7159	96	61	179	95	12.4	0.8	37.0	0.9	32.7
2 SETE LAGOAS 7934	7016	94	61	190	115	10.9	0.8	34.3	0.9	30.2
1 TLALTIZAPAN 7934	6902	93	61	188	114	16.3	0.0	32.3	1.0	32.3
5 AWASSA (1) 8047	6674	90	59	185	94	15.2	0.0	34.8	1.0	31.5
10 TLALTIZAPAN 8047	6674	90	59	194	100	18.7	0.8	36.3	0.9	28.9
4 ACROSS 7934	6588	89	61	189	120	14.3	0.0	33.3	0.9	31.4
3 KANIAMA 7934	6160	83	61	198	113	21.1	0.0	31.3	0.9	33.5
9 GEMEIZA (1) 8047	6160	83	59	186	105	17.0	0.0	32.3	1.0	32.2
7 SWAT 8047	5619	75	58	188	106	25.4	0.0	34.0	0.9	27.8
6 SWAT (1) 8047	5476	74	57	175	93	33.5	0.0	36.0	0.9	28.2
MEANS	6694	90	60	189	108	16.9	0.4	33.9	0.9	31.1
MAXIMUM	7587	102	61	206	123	33.5	1.7	37.0	1.0	34.0
MINIMUM	5476	74	57	175	93	9.9	0.0	31.3	0.9	27.8
CHECKS (TESTIGOS):										
15 SARHAD (Y)	7444	-	59	195	99	18.8	0.0	31.8	1.0	29.9
14 SARHAD (W)	6560	-	57	198	99	36.5	0.0	31.5	1.0	27.1
16 PS-80	6474	-	53	168	83	26.6	0.0	36.3	1.0	26.3
CHECK MEANS	6826	-	55	186	93	27.3	0.0	33.2	1.0	27.8
5% LSD	1259.5		1.6	19.6	19.0			5.1		3.0
C.V.	13.2		1.9	7.3	12.7			10.7		6.9

TABLE: 362-V-82

EVT 16B: YEAR 1982 PAKISTAN YOUSAFWALA

CO-OPERATOR: DR. MOHAMMED AFZAL

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	MAIZE BORER %	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
13 ACROSS 7844 RE	8061	117	58	208	120	0.0	1.8	37.5	1.0	2.5	79.8	1.0	26.5
7 SWAT 8047	7345	107	52	198	104	7.4	2.3	37.3	2.3	2.5	78.0	1.0	23.6
12 ACROSS 7734 RE	6990	102	55	205	105	0.8	2.0	32.3	1.3	3.0	72.5	1.0	25.5
8 GEMEIZA 8047	6973	101	52	195	98	12.6	2.0	37.0	2.5	2.8	77.5	1.0	24.6
11 ACROSS 8047	6508	95	54	203	104	6.8	2.0	32.3	2.3	2.5	62.0	1.0	23.2
3 KANIAMA 7934	6392	93	55	200	98	5.8	2.0	35.0	2.8	3.3	73.0	1.0	25.1
10 TLALTIZAPAN 8047	6331	92	53	200	95	16.1	2.5	34.5	2.8	2.8	78.0	1.0	24.6
1 TLALTIZAPAN 7934	6177	90	57	195	99	2.2	2.0	32.3	2.8	3.0	66.0	1.0	24.9
5 AWASSA (1) 8047	6044	88	52	195	106	13.4	2.5	32.8	3.0	3.8	70.8	1.0	24.0
9 GEMEIZA (1) 8047	6018	87	52	188	94	17.6	2.5	35.0	2.8	3.5	75.5	1.0	23.7
4 ACROSS 7934	5843	85	56	196	96	3.0	2.0	30.8	2.3	2.3	72.8	1.0	25.6
2 SETE LAGOAS 7934	5684	83	55	195	95	6.1	1.8	32.5	3.0	3.5	71.3	1.0	24.8
6 SWAT (1) 8047	5644	82	51	185	85	28.0	2.8	34.0	3.0	3.5	74.5	1.0	24.0
MEANS	6462	94	54	197	100	9.2	2.2	34.1	2.4	3.0	73.2	1.0	24.6
MAXIMUM	8061	117	58	208	120	28.0	2.8	37.5	3.0	3.8	79.8	1.0	26.5
MINIMUM	5644	82	51	185	85	0.0	1.8	30.8	1.0	2.3	62.0	1.0	23.2
CHECKS (TESTIGOS):													
16 LOCAL CHECK 3	6886	-	51	221	120	20.2	2.0	35.0	2.5	3.0	77.3	1.0	22.8
15 LOCAL CHECK 2	6302	-	52	218	125	21.7	2.5	33.5	2.8	3.0	75.5	1.0	23.8
14 LOCAL CHECK 1	6287	-	54	221	113	6.8	2.0	32.3	2.0	3.0	68.5	1.0	23.7
CHECK MEANS	6492	-	52	220	119	16.2	2.2	33.6	2.4	3.0	73.8	1.0	23.4
5% LSD	1266.1		2.4	20.5	18.2			6.5					1.7
C.V.	13.7		3.1	7.2	12.3			13.5					4.9

TABLE: 363-V-82 TRIAL: EVT 16B:

YEAR: 1982 MEANS ACROSS 26 LOCATIONS

ENTRY NO. AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
13 ACROSS 7844 RE	5875	AED-Tuxpeño	100	67	205
12 ACROSS 7734 RE	5811	Blanco Subtropical	99	64	199
8 GEMEIZA 8047	5708	Templado Blanco Dentado 2	97	61	188
3 KANIAMA 7934	5683	Blanco Subtropical	97	63	196
7 SWAT 8047	5619	Templado Blanco Dentado 2	96	60	188
4 ACROSS 7934	5618	Blanco Subtropical	96	64	193
11 ACROSS 8047	5578	Templado Blanco Dentado 2	95	62	186
1 TLALTIZAPAN 7934	5513	Blanco Subtropical	94	64	190
10 TLALTIZAPAN 8047	5404	Templado Blanco Dentado 2	92	62	191
6 SWAT (1) 8047	5404	Templado Blanco Dentado 2	92	60	178
2 SETE LAGOAS 7934	5290	Blanco Subtropical	90	63	194
5 AWASSA (1) 8047	5287	Templado Blanco Dentado 2	90	60	189
9 GEMEIZA (1) 8047	5202	Templado Blanco Dentado 2	89	61	179

ADDENDUM

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TABLE: 215-EV-81

ELVT 18A YEAR 1981 REUNION MON CAPRICE

CO-OPERATOR: IRAT/MAIMZBLIM

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	PLNTS GERM	EARS/ PLNT	MOIST %
10 LA MAQUINA 7928	3717	90	71	213	113	14.6	11.1	43.0	87.0	0.6	31.8
14 POZA RICA 7832	3717	90	72	198	100	15.5	6.7	41.5	87.5	0.5	32.3
9 FERKE(1) 7928	3663	88	71	213	108	14.7	9.9	42.8	86.3	0.6	29.7
16 OBREGON 7936	3583	86	69	203	105	20.7	14.1	41.3	87.5	0.6	28.5
19 ACROSS 7843	3503	85	77	220	125	10.6	2.9	42.0	87.0	0.5	33.2
17 LA MAQUINA 7843	3289	79	76	213	118	19.4	1.2	41.5	86.8	0.5	30.5
6 ACROSS 7824	3102	75	72	208	110	12.6	12.7	41.3	87.5	0.5	31.5
1 POZA RICA 7921	2861	69	72	188	98	10.8	10.0	41.8	86.3	0.4	31.3
8 ACROSS 7827	2834	68	72	203	100	23.6	6.6	41.5	86.8	0.5	29.7
13 SIDS (1) 7929	2727	66	72	190	105	14.5	9.5	40.5	86.8	0.4	29.6
21 ACROSS 7729 RE	2727	66	72	193	108	13.4	8.7	42.8	87.5	0.4	31.8
18 POZA RICA 7843	2727	66	75	213	123	11.1	2.9	42.5	87.8	0.4	31.1
12 CUYUTA 7929	2647	64	72	175	100	14.8	10.6	42.3	88.5	0.4	28.3
2 MARACAY 7921	2620	63	72	178	100	12.2	6.4	43.3	87.8	0.4	29.6
11 KISANGA 7729	2620	63	73	200	103	17.9	10.1	41.0	88.3	0.4	29.2
5 LOS DIAMANTES 7823	2594	63	69	200	105	19.0	4.7	42.3	87.8	0.4	28.1
15 ACROSS 7736	2567	62	71	198	105	24.2	8.8	42.5	87.0	0.4	29.1
20 ACROSS 7728 RE	2540	61	71	200	110	17.6	11.2	39.3	86.8	0.4	32.7
4 ACROSS 7822	2433	59	72	210	108	23.2	11.0	40.8	87.5	0.3	32.0
7 POZA RICA 7827	2380	57	72	195	108	26.8	8.9	42.3	88.0	0.4	28.2
3 COTAXTLA 7822	2246	54	71	208	110	18.0	6.3	40.0	87.3	0.4	29.9
MEANS	2909	70	72	201	108	16.9	8.3	41.7	87.3	0.4	30.4
MAXIMUM	3717	90	77	220	125	26.8	14.1	43.3	88.5	0.6	33.2
MINIMUM	2246	54	69	175	98	10.6	1.2	39.3	86.3	0.3	28.1
CHECKS (TESTIGOS):											
24 H66	4144	-	70	230	115	12.4	9.2	39.8	87.0	0.6	28.1
22 REVOLUTION	3931	-	71	258	135	48.1	5.2	43.0	87.5	0.7	30.7
23 H37	2914	-	63	208	115	32.3	8.3	39.3	87.8	0.5	21.7
CHECK MEANS	3663	-	67	231	121	30.9	7.6	40.7	87.4	0.6	26.8
5% LSD	879.5			20.6	12.4						
C.V.	20.8			7.2	8.0						

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ELVT 18B YEAR 1981 REUNION MON CAPRICE (2)

CO-OPERATOR: MARCHAMA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	STREAK %	PLANTS HARV	EAR ASPCT	PLNTS GERM	EARS/ PLNT	MOIST %
2 TOCUMEN (1) 7931	5146	86	73	155	80	4.0	0.0	1.8	0.4	56.5	1.0	121.5	1.0	19.3
6 PIRSABAK (1) 7930	4774	79	72	160	80	1.3	0.8	1.5	1.4	57.5	1.5	124.8	0.9	19.3
1 POZA RICA 7926	4712	78	80	180	85	5.4	2.7	1.9	0.9	55.8	1.3	120.5	1.0	21.3
3 POZA RICA 7931	4545	76	72	150	78	3.1	0.9	3.5	0.8	57.0	1.5	123.3	0.9	17.9
5 JUTIAPA (1) 7930	4500	75	73	158	68	6.4	2.7	0.4	1.0	52.5	1.3	121.3	1.0	17.8
4 ACROSS 7835	3697	61	77	163	75	10.8	3.3	1.0	0.6	49.5	1.3	121.8	0.9	18.6
7 ACROSS 7726 RE	2770	46	83	173	85	12.0	2.0	0.0	0.0	53.3	2.5	124.5	0.8	20.5
8 ACROSS 7635 RE	2680	45	81	155	73	17.7	10.2	1.1	1.1	46.8	2.8	106.5	0.9	17.1
MEANS	4103	68	76	162	78	7.6	2.8	1.4	0.8	53.6	1.6	120.5	0.9	19.0
MAXIMUM	5146	86	83	180	85	17.7	10.2	3.5	1.4	57.5	2.8	124.8	1.0	21.3
MINIMUM	2680	45	72	150	68	1.3	0.0	0.0	0.0	46.8	1.0	106.5	0.8	17.1
CHECKS (TESTIGOS):														
11 H69 F1	6015	-	83	220	110	4.3	2.8	2.6	7.1	54.3	1.0	120.0	0.9	21.9
10 H37 F1	5145	-	77	205	100	3.9	5.5	2.4	6.8	57.5	1.0	119.0	0.9	19.7
9 REVOLUTION	3822	-	89	235	135	24.8	20.3	0.6	1.5	52.8	1.8	120.8	0.9	21.2
CHECK MEANS	4994	-	82	220	115	11.0	9.5	1.8	5.1	54.8	1.3	119.9	0.9	21.0
5% LSD	1001.1		3.6	17.8	13.3					7.3				1.5
C.V.	16.0		3.2	6.9	10.5					9.4				5.3

TABLE: 217/EV/81

ELVT. 18B YEAR 1981 PARAGUAY CAPITAN MIRANDA

CO-OPERATOR: VERONICA MACHADO

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SPODO	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM	MOIST %
6 PIRSABAK (1) 7930	5652	182	69	168	100	53.8	3.0	16.7	1.3	58.0	3.0	13.8	4.3	123.0	14.1
5 JUTIAPA (1) 7930	5441	176	69	168	99	48.6	5.3	19.8	1.5	60.3	3.3	21.3	4.0	122.5	13.6
3 POZA RICA 7931	5419	175	68	161	90	37.3	1.6	18.1	2.0	61.0	3.0	18.4	4.3	124.8	13.9
2 TOCUMEN (1) 7931	5216	168	70	159	93	47.4	3.0	19.7	1.8	58.8	2.8	18.8	3.0	126.0	14.1
1 POZA RICA 7926	5061	163	74	194	110	17.7	2.8	15.0	2.0	62.0	2.8	14.2	3.0	125.3	14.4
4 ACROSS 7835	4756	153	74	176	99	45.6	1.4	13.4	2.0	55.8	3.0	14.8	3.3	121.5	14.0
7 ACROSS 7726 RE	4426	143	72	184	106	33.3	4.7	17.6	1.8	60.3	3.0	9.2	3.5	123.3	13.8
8 ACROSS 7635 RE	4139	134	74	169	96	49.3	2.1	15.4	1.3	37.3	3.0	28.2	3.3	75.5	14.2
MEANS	5014	162	71	172	99	41.6	3.0	17.0	1.7	56.7	3.0	17.3	3.6	117.7	14.0
MAXIMUM	5652	182	74	194	110	53.8	5.3	19.8	2.0	62.0	3.3	28.2	4.3	126.0	14.4
MINIMUM	4139	134	68	159	90	17.7	1.4	13.4	1.3	37.3	2.8	9.2	3.0	75.5	13.6
CHECKS (TESTIGOS):															
11 COMP. RACIAL AMARDII	3099	-	90	216	140	56.0	15.3	24.7	2.8	56.0	3.8	5.7	3.0	119.3	15.0
10 COMP. RACIAL AMAR DI	2354	-	89	241	154	43.7	31.6	42.8	3.0	47.0	4.5	2.7	2.8	108.3	16.3
9 VENEZUELA-1	1742	-	91	246	165	45.8	54.1	36.1	1.8	45.5	5.0	3.2	3.0	104.3	17.4
CHECK MEANS	2398	-	90	234	152	48.5	33.7	34.5	2.5	49.5	4.4	3.9	2.9	110.6	16.2
5% LSD	468.1		1.9	15.6	13.5					4.7					
C. V.	7.5		1.7	5.7	8.2					5.9					

TABLE: 218/EV/81

ELVT 20 YEAR 1981 REUNION MON CAPRICE (2)

CO-OPERATOR: MARCHANT

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	STREAK %	PLANTS HARV	EAR ASPCT	PLNTS GERM	EARS/ PLNT	MOIST %
8 ACROSS 7842	5822	126	78	190	93	0.6	0.0	8.5	5.1	41.0	1.0	87.8	0.9	21.5
5 ACROSS 7844	5657	123	83	220	108	1.3	5.9	4.5	6.6	37.8	1.0	87.3	0.9	21.8
7 ACROSS 7734 RE	5553	121	78	190	90	1.9	3.5	10.5	1.2	42.0	1.0	88.0	0.9	21.5
2 TLALTIZAPAN 7934	5434	118	81	185	98	1.2	0.0	3.5	1.3	37.8	1.8	87.5	0.9	21.5
3 CHUQUISACA (1) 7842	5295	115	79	193	93	0.0	1.3	7.8	2.0	38.3	1.0	87.0	0.9	20.6
1 ACROSS 7833	4832	105	82	183	85	2.4	4.3	8.0	3.0	41.3	2.0	87.5	0.8	21.0
4 SIDS 7844	4763	103	84	188	88	5.1	2.0	12.9	0.7	37.3	1.3	87.8	0.9	22.4
6 ACROSS 7845	4034	88	74	178	83	0.6	0.0	23.0	1.8	38.3	2.5	87.3	0.7	19.1
MEANS	5174	112	80	191	92	1.6	2.1	9.9	2.7	39.2	1.4	87.5	0.9	21.1
MAXIMUM	5822	126	84	220	108	5.1	5.9	23.0	6.6	42.0	2.5	88.0	0.9	22.4
MINIMUM	4034	88	74	178	83	0.0	0.0	3.5	0.7	37.3	1.0	87.0	0.7	19.1
CHECKS (TESTIGOS):														
10 H37 F1	4605	-	76	200	103	0.0	5.7	4.3	2.5	39.5	1.0	86.8	0.9	18.4
9 REVOLUTION	3669	-	88	235	128	16.6	23.8	3.1	1.4	38.5	1.8	82.0	0.9	20.9
CHECK MEANS	4137	-	81	217	115	8.3	14.8	3.7	1.9	39.0	1.4	84.4	0.9	19.6
5% LSD	739.5		2.0	19.0	17.7					4.2				1.7
C.V.	10.3		1.7	6.7	12.6					7.3				5.6