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Maize International Testing Program 1983

Programa de Ensayos Internacionales de Maíz 1983

Maize Program 1983

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

Programa de Maíz 1983

Informe Final
Ensayos Internacionales de Prueba de Progenies
Ensayos de Variedades Experimentales
Ensayos de Variedades Elite

CIMMYT

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	Venezuela, Macapo	130-V-83	105
	México, Obregón (2)	131-V-83	106
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	Guinea-Bissau, Contuboel	133-V-83	108
	Mali, Sotuba	134-V-83	109
	Mali, Kita	135-V-83	110
	Burundi, Imbo	136-V-83	111
	Burundi, Mosso	137-V-83	112
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	Gabon, Lebamba	213-V-83	188
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	Tanzania, Ilonga	215-V-83	190
	Zaire, Kisanga	216-V-83	191
	Zimbabwe, Rattray-Arnold	217-V-83	192
	Burma, Yezin	218-V-83	193
	Vietnam, Song Boi	219-V-83	194
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	Brazil, Cruz Alta	225-V-83	200
	Costa Rica, Guanacaste	226-V-83	201
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	Sri Lanka, Girandurukote	235-V-83	210
	Burma, Yezin	236-V-83	211
	Thailand, Farm Suwan	237-V-83	212
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	Paraguay, Capitán Miranda	263-V-83	238
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	Sierra Leone, Njala	265-V-83	240
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	Burundi, Murongwe	277-V-83	252
	Swaziland, Mangcongo	278-V-83	253
	Swaziland, Nhlangano	279-V-83	254
	Tanzania, Lambo	280-V-83	255
	Zaire, Kisanga	281-V-83	256
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	Burma, Heho	283-V-83	258
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	Swaziland, Malkerns	85-EV-83	288
	Tanzania, Ilonga	86-EV-83	289
	Zaire, Kaniama	87-EV-83	290
	Zimbabwe, Rattray-Arnold	88-EV-83	291
	Zimbabwe, Kadoma	89-EV-83	292
	Sri Lanka, Girandurukote	90-EV-83	293
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ELVT18B	Philippines, Ilagan	92-EV-83	295
	Argentina, Buenos Aires	93-EV-83	296
	Bolivia, Iboperenda	94-EV-83	297
	Colombia, CNI Palmira	95-EV-83	298
	Colombia, CIAT Palmira	96-EV-83	299
	Perú, Piura	97-EV-83	300
	México, Obregón (2)	98-EV-83	301
	México, Rosario Isapa	99-EV-83	302
	Yemen, Zabid	100-EV-83	303
	Yemen, Surdud	101-EV-83	304
	Cameroon, Bertoua	102-EV-83	305
	Guinea, Kindia	103-EV-83	306
	Guinea-Bissau, Contuboel	104-EV-83	307
	Mali, Sotuba	105-EV-83	308
	Mali, Kita	106-EV-83	309
	Sierra Leone, Njala	107-EV-83	310
	Malawi, Ngabu	108-EV-83	311
	Malawi, Chitala	109-EV-83	312
	Malawi, Baka	110-EV-83	313
	Reunión, Mon Caprice	111-EV-83	314
	Tanzania, Ilonga	112-EV-83	315
	Zaire, Gandajika	113-EV-83	316
	Zimbabwe, Kadoma	114-EV-83	317
	Thailand, Khomkhan	115-EV-83	318
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	Bolivia, Iboperenda	119-EV-83	322
	Brazil, Capinopolis	120-EV-83	323
	Chile, La Platina	121-EV-83	324
	México, Ensenada, B.C.	122-EV-83	325
	Guinea-Bissau, Contuboel	123-EV-83	326
	Sierra Leone, Njala	124-EV-83	327
	Burundi, Imbo	125-EV-83	328
	Burundi, Mosso	126-EV-83	329
	Burundi, Murongwe	127-EV-83	330
	Tanzania, Lambo	128-EV-83	331
	Zaire, Kisangu	129-EV-83	332
	Zimbabwe, Rattray-Arnold	130-EV-83	333
	Zimbabwe, Chitedze	131-EV-83	334
	Burma, Yezin	132-EV-83	335
	Thailand, Srisomrong	133-EV-83	336
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Addendum - 1981

Trial (Ensayo)	Location (Localidad)	Table No. (Cuadro No.)	Page No. (Pag. No.)
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Trial (Ensayo)	Location (Localidad)	Table No. (Cuadro No.)	Page No. (Pag. No.)
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QPMT 11B	Perú, La Molina	398-V-82	345
	Perú, La Molina (2)	399-V-82	346
EVT 13	Perú, La Molina	400-V-82	347
	Perú, La Molina (2)	401-V-82	348
EVT 14A	Perú, La Molina	402-V-82	349
	Perú, La Molina (2)	403-V-82	350
	India, Hyderabad	404-V-82	351
EVT 15A	Perú, La Molina	405-V-82	352
	Perú, La Molina (2)	406-V-82	353
EVT 16A	Perú, La Molina	407-V-82	354
	Perú, La Molina	408-V-82	355
EVT 16B	México, Valle de Juárez	409-V-82	356

International Maize Testing Program 1983 Final Report

The 1983 Final Report of the International Maize Testing Program includes trial summaries of data received from February 16 to December 15, 1984. Data from 1983 trials received after December 16, 1984 will be included as an addendum to the 1984 Preliminary Report. The previously published 1983 Preliminary Report and this 1983 Final Report include data provided by national maize scientists from 71 countries. These reports are the result of carefully conducted trials and the timely return of complete and accurate data by hundreds of collaborators. The CIMMYT staff recognize the immense value of this collaboration, and wish to express their thanks to International Testing Program scientists for their time and effort.

Germplasm Improvement

Maize research at CIMMYT is directed towards the development and improvement of broad-based gene pools and populations that offer high yield potential and environmental stability in various maize production conditions in developing countries. The Back-up Unit is responsible for the development of gene pools and the Advanced Unit handles population improvement and varietal development. The International Testing Program provides the linkage between The Advanced Unit and national program collaborators throughout the developing world.

The method of germplasm improvement used in the Advanced Unit is a modified full-sib (FS) recurrent selection procedure, as illustrated in Figure 1. The completion of this improvement procedure requires four seasons or two years. The time span for the modified full-sib breeding procedure adopted by CIMMYT takes one season longer to complete than a normal full-sib recurrent selection procedure. The additional season in CIMMYT's procedure is necessary since these maize trials are grown both North and South of the equator. This additional season, however, is employed profitably at CIMMYT to provide the necessary within-family improvement for the trait most limiting in a particular population.

There are three levels of trials as depicted in Figure 1. **International Progeny Testing Trials (IPTTs).** In 1983 18 different populations with different adaptation, maturity and grain color were tested in IPTTs at 94 locations in 31 countries. These testing sites are the major maize research stations of the developing world.

The information derived from the IPTTs is used for:

1) Experimental Variety (EV) formation for both site-specific and across locations.
2) Selection of superior families with broad adaptation and resistance to major diseases and insects for recombination for the next cycle of improvement.

Experimental Variety Trials (EVTs). In 1983, 8 EVTs designed to serve distinct adaptation, maturity and grain color requirements were distributed to 30-50 locations for each trial type. These trials contained CIMMYT's newest EVs.

Elite Variety Trials (EVTs). There are four types of ELVTs. The superior and broadly adapted EVs identified in the EVTs are then retested in ELVTs at up to 100 locations. In 1983 CIMMYT sent 733 sets of EVTs and ELVTs to scientists in 68 countries.

Implied in Figure 1 are two important features of the International Testing Program:

1. Most of the testing is done outside Mexico at the research stations of participating national programs. This multilocational testing is essential since materials should be tested in the area where they are to be grown.

2. There is room for mutual benefits in this cooperative testing program. The complexity and the size of trials decrease from the IPTTs to the EVTs and the ELVTs. Normally, stronger national programs will carry out the testing of the IPTTs. Only high yielding and stable varieties identified through the EVTs are included in the ELVTs. Those national programs that only grow the ELVTs also receive the benefit of the accumulated information on the elite varieties tested in the EVTs a year earlier, as well as the collective information from other fellow researchers testing the same ELVTs in same year but at different locations.

Figures 2 and 3 show the relationship between gene pools, populations and variety trials in CIMMYT's normal and quality protein maize improvement programs.

Variety Name

Superior full-sib families identified through the IPTTs using data collected by the national cooperators are recombined at CIMMYT to form an experimental variety (EV). Normally the 10 best families at each single good testing site are used to form one EV. The name of the EV consists of letters and numbers indicating where and when the IPTT was grown and the EV identified, and the population number from which the EV was derived. For example, in Table 30-P-83 the experimental variety Iboperenda 8321 signifies that this EV was formed from the 10 best families of Population 21 tested at Iboperenda, Bolivia in 1983. A site-specific EV can also be formed if requested by a cooperator using those families that proved superiority on the basis of field observations for characters of specific interest in addition to yield performance. In this case, a number is inserted in parenthesis right after the location name. Experimental Variety Rattray Arnold (1) 8321 (Table 21-P-83) is an example of this type of EV.

For each IPTT, one experimental variety is formed on the basis of information gathered across all locations (up to six). This variety is named an "Across" EV. An example of the variety Across 8326 (Table 38-P-83) which was formed on the basis of data from Mexico, Ivory Coast, Costa Rica, Bolivia and Peru.

Trial Shipments and Data Recovery

In 1983 there were 94 IPTT sets shipped to scientists in 31 countries, and 733 EVT and ELVT sets sent to 68 countries. The geographic distribution of IPTTs is presented in Text Table 1 and for EVTs and ELVTs in Text Table 2. Descriptions of the populations tested in IPTTs in 1983, as well as those from which the EVs were derived; are provided in Text Table 3. Text Table 4 summarizes by regions the trials sent and received. Overall, data was received from 470 out of 826 trials sent, or 58 percent. The best data recovery rates were from trials grown in Latin America and the Caribbean.

Text Table 5 is a glossary describing the plant characters and abbreviations as reported in the summary tables of IPTTs, EVTs and ELVTs.

IPTTs Summary

In 1983, there were 94 IPTT sets distributed and information from 69 trials was returned for a recovery rate of 73 percent. This relatively high recovery rate is very encouraging. The information from IPTT trials is fed back to the on-going population improvement work at CIMMYT in pursuit of broader adaptation in its materials. Text Table 6 presents information on IPTT trial quality, based on the Coefficient of Variation (CV), and the Relative Efficiency (RE) of the lattice design used for the trials as compared to the randomized complete block design. Trials with CV of 10 percent or less are considered excellent, CVs of 11 to 20 are good, and CVs of 21 to 25 percent are acceptable. Relative Efficiency of 100 indicates the use of lattice design gains no additional advantage over the randomized complete block design, whereas values greater than 100 imply a greater efficiency in lattice designs. The lattice design is particularly valuable in the IPTT Trials which are relatively large (256 entries) in which the RE is greater than 125. Examination of Text Table 6 shows there were 49 trials or 71 percent of the IPTTs were good or excellent, and an additional 13 trials or 18.8 percent were of acceptable yield quality. Experimental Varieties were developed based on information from these trials. There were eight trials where the use of lattice design is of significant advantage, although all trials conducted showed some advantage of the lattice over block design.

Figure 4 presents a histogram of the IPTT mean yield data. About 95 percent of the IPTT yielded more than 3 t/ha. Such yields reflect excellent field management as well as the superior genetic make-up of the material tested. Good yield levels of IPTTs enhances the separation of the genotypes, making selection more effective.

EVTs and ELVTs Summary

Histograms on yield levels for the EVTs and ELVTs are presented in Figure 5. Except for EVT 16A, about 80 percent of the trials had mean yields of 3 t/ha and above. The majority of the trials ranged in mean yield from 3 to 6 t/ha. EVTs 12, 15B, and 16B and ELVTs 18A and 20 were the highest yielding materials. Each of these trials had yields of 6 t/ha or higher at 27 percent or more of the testing locations. Compared to the 1982 trials, the 1983 trial yields were higher, indicating a favorable year for maize production.

Figure 6 classifies the CVs of the variety trials into three groups. The majority of the trials had CVs of less than 20 percent ranging from 47.5 percent for EVT 16A to 81 percent for EVT 15A. As noted before, these CV levels indicate that the trials were of excellent of good quality.

A comparison of the performance in yield of the best EV with the best local check for the variety trials is presented in Text Table 7. Except for EVTs 15B and 16A, over 50 percent of the best EVs yielded better than the best local check. EVTs 12 and 13 and ELVT 18A showed the highest proportion of best EVs that out-performed the best local checks. The results of Text Table 7 are illustrative of the contribution of CIMMYT germplasm to the national maize improvement program, either directly as open-pollinated varieties, or as introductions. It should be mentioned that yield comparisons, as presented in Text Table 7, are only one of several criteria that national scientists consider in their assessments. Plant and ear height, maturity, lodging scores, husk cover, grain color and texture, yield stability, and disease and insect resistances are a few of the many other considerations that determine the assessment of a new maize material.

Brief comments of the general performance of the individual trials are given below:

EVT 12. The EVs tested in this trial were developed from populations 21, 22, 29, 43 and 73; all are tropical late white dent materials. Santa Rosa 8073, identified from a collaborative research project on maize diseases, Illonga 8043, and Ferke 8129 were the three top yielders of the trial. In general, the newer EVs from populations 22 and 29 had better yield than the Reference Check (RE) of the same populations.

EVT 13. There were 21 new EVs from populations 24, 27, 28 and 36, the tropical late yellow materials tested in this trial. Means across 43 locations show EVs from population 28 (Amarillo Dentado) were the highest yielders, followed by the EVs from population 36 (Cogollero). The newer EVs in general out-performed the RE of same populations Across 7728 RE, Across 7627 RE, e.g. There were not much difference in days to silk among the EVs.

EVT 14A. This trial was made up of EVs from populations 26, 31, and 35 (yellow materials with early-to-intermediate maturity). Population 31 (Amarillo Cristalino-2) is now under improvement for Downy Mildew resistance at Thailand, and is the earliest in maturity among the three populations tested. In this trial, Suwan 8126 was the highest yielding EV from population 26. The varieties Suwan (1) 8131 and Islamabad (1) 8131 showed the best yield levels in 38 locations tested of the EVs derived from population 31.

EVT 14B. This trial contained new tropical white EVs with short-to-intermediate maturity. Experimental varieties from populations 30, 32, and 49 developed during 1980 and 1981 made-up EVT 14B. It should be mentioned here that Population 30 (Blanco Cristalino-2) is short duration material. In general, the EVs from population 49 were the highest yielders, followed by the EVs from populations 32 and 30.

EVT 15A. In this trial the tropical, white and yellow quality protein maize materials with long maturity were tested. New EVs developed from populations 40 and 39 made up the trial. EVs from population 40 ranked the highest in mean yield across 28 locations.

EVT 15B. There were six entries from quality protein maize population 41 (Templado Amarillo QPM) and one EV from pool 34 QPM in EVT 15B. The experimental variety Tlaltizapan 8141 ranked top. There were not much differences in maturity or plant height in all materials tested.

EVT 16A. This trial was made up of yellow subtropical maize materials with short-to-intermediate maturity. EVs from populations 33, 45 and 46 were included in EVT 16A. Guaira 8045 was the top yielder, followed by EVs from population 33. Except for the low yielding Tlaltizapan 8146, there were no significant differences among the other five entries from population 46 (Templado Amarillo Cristalino), the earliest in maturity of the three populations in the trial.

EVT 16B. There were five entries from population 34 and one from population 47 in this trial. In maturity, the EVs from population 34 were much later than the EV from population 47. Similar differences in plant height were also observed. Yield levels of the EVs were ranked similarly, though there were no statistically significant differences among the entries.

ELVT 18A. This is an elite variety trial of best EVs from eight tropical late populations 21, 22, 24, 27, 28, 29, 36 and 43. The EVs were selected based on the performance of EVs in EVTs 12 and 13 grown during 1982. The three top yielders of this elite trial based on average yield over 47 locations were Guaymas (1) 8022, La Maquina 8022, and Across 8043.

ELVT 18B. Elite EVs from CIMMYT's tropical early-to-intermediate populations made up this trial. There was a range of maturity differences among the entries. Out of the intermediate maturity type, Across 8023 proved to be the highest yielder in 37 locations tested. There were no significant differences among the early maturity entries of populations 30 and 31, although Across 7930 ranked as highest yielders of the group.

ELVT 20. Elite EVs from populations 33, 34, 45, 46, 47 and 48 entered the trial. There were a range of maturity and plant height differences among the entries tested, and yield levels in general, were ranked accordingly. Across 7934, Across 8045 and Gemeiza 8047 were best yielders out of the entries from the corresponding populations tested.

Informe Final del Programa de Ensayos Internacionales de Maíz 1983

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 diciembre de 1984. Los datos de los ensayos de 1983 recibidos después del 16 de diciembre de 1984 serán incluidos como un apéndice del Informe Preliminar de 1984. El Informe Preliminar 1983, ya publicado, y este Informe Final de 1983 incluyen datos proporcionados por científicos colaboradores de programas nacionales de maíz de 71 países. Estos informes son el resultado de cuidadosos ensayos y del envío oportuno de datos completos y exactos de cientos de colaboradores. El personal del CIMMYT reconoce el inmenso valor de esta colaboración y desea expresar su agradecimiento a los científicos del Programa de Ensayos Internacionales por el gran esfuerzo y tiempo dedicados en esta labor.

Mejoramiento de Germoplasma

La investigación de maíz del CIMMYT se enfoca directamente hacia el desarrollo y mejoramiento de complejos germoplásmicos de base amplia y poblaciones que ofrecen potencial alto de rendimiento y estabilidad en diversas condiciones de producción de los países en desarrollo. La Unidad de Apoyo es la encargada del desarrollo de complejos germoplásmicos y la Unidad Avanzada maneja el mejoramiento de poblaciones y desarrollo de variedades. El Programa de Ensayos Internacionales es el vínculo entre la Unidad Avanzada y los colaboradores de programas nacionales en los países en desarrollo.

El método de mejoramiento de germoplasma utilizado en la Unidad Avanzada es un procedimiento modificado de selección recurrente de hermanos completos (FS), el cual se ilustra en la Figura 1. Este método requiere de un período de cuatro ciclos o dos años. El tiempo necesario para el procedimiento modificado de mejoramiento de hermanos completos adoptado por el CIMMYT es de una estación más, comparado con el método normal de selección recurrente de hermanos completos. El ciclo adicional del procedimiento del CIMMYT es necesario, dado que estos ensayos de maíz se siembran tanto al norte como al sur del ecuador. Este ciclo se aprovecha en el CIMMYT para proporcionar el necesario mejoramiento intra-familiar, para la característica determinada como la más limitante en cada población.

Hay tres niveles de ensayos, como se ilustra en la Figura 1.

Ensayos Internacionales de Evaluación de Progenie (IPTTs). En 1983 se evaluaron 18 poblaciones diferentes con diferentes niveles de adaptación, madurez y color de grano, en IPTTs realizadas en 94 locaciones de 31 países. Estos lugares de evaluación son las principales estaciones de investigación de maíz del mundo en desarrollo.

La información recibida de los IPTTs se utiliza en:

1) Formación de Variedades Experimentales (EV) tanto en un lugar específico como en locaciones diferentes

2) Selección de familias superiores con adaptación amplia y resistencia a las principales enfermedades e insectos, para recombinaciones en el siguiente ciclo de mejoramiento.

Ensayos de Variedades Experimentales (EVT). En 1983, se distribuyeron 8 EVTs diseñados para evaluar los requisitos de adaptación amplia, madurez y color de granos, a 30-50 locaciones por ensayo. Estos ensayos incluyeron los EVs más recientes del CIMMYT.

Ensayos de Variedades Elite (EVTs). Hay cuatro tipos de ELVTs. Los EVs superiores con adaptación amplia identificadas en los EVTs son evaluadas en los ELVTs en más de 100 locaciones. El CIMMYT envió en 1983, 733 juegos de EVTs y ELVTs a científicos de 68 países.

En la Figura 1 se aprecian dos características importantes del Programa de Ensayos Internacionales:

1. La mayor parte de los ensayos se realizan fuera de México en estaciones de investigación de programas nacionales colaboradores. Estos ensayos en múltiples localidades son esenciales, dado que los materiales deben ser evaluados en las áreas donde van a ser cultivados.

2. Este programa cooperativo de ensayos proporciona beneficios mutuos a los participantes. La complejidad y alcance de los ensayos disminuye de IPTT a EVT o ELVT. Normalmente, los programas nacionales más importantes son los que realizan la evaluación de los IPTTs. Sólo las variedades estables con alto rendimiento, identificadas en los EVT se incluyen en los ELVT. Los programas nacionales que sólo siembran ELVT también se benefician con la información sobre las variedades elite evaluadas en los EVTs el año anterior, así como con la información de otros investigadores que evalúan los mismos ELVTs en el mismo año, pero en diferentes localidades.

Las Figuras 2 y 3 muestran la relación entre los complejos germoplásmicos, poblaciones y ensayos de variedades en los programas de mejoramiento de maíz normales y de calidad de proteínas del CIMMYT.

Nomenclatura

Las familias superiores de hermanos completos identificadas a través de los IPTTs utilizando datos colectados por los cooperadores nacionales se recombinan en el CIMMYT para formar una variedad experimental (EV). Normalmente, las 10 mejores familias de cada ensayo son utilizadas para formar un EV. El nombre de los EVs consiste de letras y números que indican donde y cuando se realizó el IPTT, el EV identificado, y el número de la población de la cual proviene el EV. Por ejemplo, en el Cuadro 30-P-83 la variedad experimental Iboperenda 8321 significa que este EV fue formado con las 10 mejores familias de la población 21 evaluadas en Iboperenda, Bolivia 1983. Un EV de un lugar específico puede también formarse a solicitud de un cooperador usando las familias que resultaron superiores en base a observaciones de campo, para características de interés específico además de buen rendimiento. En este caso, se inserta un número entre paréntesis después del nombre de la locación. La variedad experimetnal Rattray Arnold (1) 8321 (Cuadro 21-P-83 es un ejemplo de este tipo de EV.

Para cada IPTT, se forma una variedad experimental en base a la información reunida en más de seis locaciones. Esta variedad es nombrada "Across" EV. Un ejemplo lo encontramos en la variedad Across 8326 (Cuadro 38-P-83) formada en base a datos de México, Costa de Marfil, Costa Rica, Bolivia y Perú.

Envío de Ensayos y Recuperación de Datos

En 1983 se enviaron 94 IPTTs a científicos de 31 países, y 733 EVTs y ELVTs a 68 países. La distribución geográfica de los IPTTs se presenta en el Cuadro 1 del texto y de los EVTs y ELVTs en el Cuadro 2. En el Cuadro 3 se proporcionan descripciones de las poblaciones evaluadas en IPTTs de 1983, al igual que aquellos de los que derivaron los EVs. El Cuadro 4 trae un resumen por regiones de los ensayos enviados y los datos colectados. Se recibieron datos de 470 ensayos de los 826 enviados, o sea el 58 por ciento. La mejor tasa de recuperación de datos fue la de los ensayos enviados a Latinoamérica y el Caribe.

El Cuadro 5 del texto incluye un glosario que describe las características de las plantas y abreviaturas de lo informado en el resumen de cuadros de IPTTs, EVTs y ELVTs.

Resumen de los IPTTs

En 1983 se distribuyeron 94 IPTTs y se recibió información de 69 de los mismos, lo que hace una tasa de recuperación del 73 por ciento. Esta tasa de recuperación relativamente alta es muy alentadora. La información de ensayos de IPTTs es retroalimentada por el mejoramiento de pobalciones que se realiza en CIMMYT para lograr una adaptación más amplia de sus materiales. El Cuadro 6 del texto presenta información del ensayo de calidad IPTT, basado en el Coeficiente de Variación (CV), y la Eficiencia Relativa (ER) del diseño de látices comparada con la de los bloques al azar. Los ensayos con CV de 10 por ciento o menos son considerados excelentes, los CV de 11 a 20 son buenos y los de 21 a 25 por ciento son aceptables. La eficiencia relativa de 100 indica que el uso de diseños de látices no fue mas ventajoso que el diseño de bloques al azar, donde los valores mayores de 100 implican una mayor eficiencia en el diseño de látices. El diseño de látice es particularmente valioso en los ensayos de IPTTs relativamente grandes (256 entradas) en las cuales la RE es mayor de 125. El examen del Cuadro 6 del texto muestra que 49 ensayos ó 71 por ciento de los IPTTs fueron buenos o excelentes, y además 13 ensayos ó 18.8 por ciento fueron de rendimiento y calidad aceptable. Las variedades experimentales se desarrollaron en base a información de estos ensayos. Hubieron ocho ensayos donde el uso de diseño de látice mostró una ventaja significativa, aunque todos los ensayos conducidos mostraron alguna ventaja del látice sobre el bloque al azar.

La Figura 4 presenta un histograma de los principales datos de rendimiento del IPTT. Cerca del 95 por ciento de los IPTTs tuvieron un rendimiento mayor de 3 t/ha. Tales rendimientos de los materiales evaluados reflejaron un excelente manejo de campo al igual que una estructura genética superior. Los niveles de rendimiento satisfactorios de los IPTTs aumentan la separación de los genotipos, haciendo la selección más efectiva.

Resumen de EVT y ELVT

Los histogramas de los niveles de rendimiento para los EVTs y ELVTs se presentan en la Figura 5. Excepto en el EVT 16A, cerca del 80 por ciento de los ensayos tuvieron rendimientos de 3 t/ha o más. La mayoría de los ensayos tuvieron un promedio de rendimiento de 3 a 6 t/ha. EVT 12, 15B, y 16B y ELVT 18A y 20 fueron los materiales de rendimiento mayor. Cada uno de estos ensayos tuvieron rendimientos de 6 t/ha o mayores en el 27 por ciento o más de las localidades. Comparados con los ensayos de 1982, los rendimientos del ensayo de 1983 fueron mayores, indicando un año favorable para la producción de maíz.

En la Figura 6 se clasifican los CV de ensayos de variedades en tres grupos. La mayoría de los ensayos obtuvieron CV menores al 20 por ciento con una variación de 47.5 por ciento para el EVT 16A, a 81 por ciento para el EVT 15A. Como se mencionaba anteriormente, estos niveles de CV indican que los ensayos fueron de calidad excelente.

Una comparación del rendimiento de los mejores EVs con el mejor testigo local para ensayos de variedades se presenta en el Cuadro 7 del texto. Excepto para los EVTs 15B y 16A, más del 50 por ciento de los mejores EVs tuvieron un rendimiento mas aceptable que el mejor testigo local. Los EVTs 12 y 13, y el ELVT 18A mostraron que la mayoría de los mejores EVs tuvieron un comportamieto mejor que los mejores testigos locales. Los resultados del Cuadro 7 señalan la contribución del germoplasma del CIMMYT a los programas nacionales de mejoramiento de maíz, tanto directamente con variedades de polinización libre, como con introducciones. Debe mencionarse que las comparaciones de rendimiento presentadas en el Cuadro 7, son sólo uno de los diversos criterios que los científicos nacionales consideran en sus evaluaciones. Altura de la planta y mazorca, madurez, acame, cobertura de la mazorca, color del grano y textura, estabilidad de rendimiento, y resistencia a enfermedades e insectos son algunas de las consideraciones determinantes en la evaluación de un nuevo material de maíz.

Se proporcionan a continuación comentarios breves del comportamiento general de ensayos individuales:

EVT 12. Los EVs evaluados en este ensayo se desarrollaron de las poblaciones 21, 22, 29, 43 y 73; y todas son variedades tropicales tardías con materiales blancos dentados. Santa Rosa 8073, identificada en un proyecto de investigación colaborativa sobre enfermedades de maíz, Illonga 8043, y Ferke 8129 fueron las tres que obtuvieron mayor rendimiento en el ensayo. En general, los nuevos EVs de las poblaciones 22 y 29 tuvieron mejor rendimiento que el Testigo Referencia (RE) de las mismas poblaciones.

EVT 13. Hubieron 21 EVs de materiales tropicales amarillos tardíos de las poblaciones 24, 27, 28 y 36. Los EVs de población 28 (Amarillo Dentado) fueron los que mejor rendimiento mostraron en 43 locaciones, seguidos por los EVs de población 36 (Cogollero). El nuevo EV mostró un buen comportamiento en general de RE de la misma población Across 7728 RE, Across 7627 RE, e.g. No hubo mucha diferencia en la fecha de emisión de estigmas.

EVT 14A. Este ensayo fue realizado con EV de poblaciones 26, 31 y 35 (materiales amarillos con madurez temprana a intermedia). La población 31 (Amarillo Cristalino-2) está actualmente sometida a mejoramiento para resistencia al mildiú velloso o cenicilla en Tailandia, y de las poblaciones evaluadas es la que presenta madurez más temprana. En este ensayo, Suwan 8126 fue el EV de la población 26 de rendimiento mayor. Las variedades Suwan (1) 8131 e Islamabad (1) 8131 mostraron los mejores niveles de rendimiento en 38 locaciones donde se evaluaron EVs derivados de la población 31.

EVT 14B. Este ensayo incluyó nuevos EVs blancos con madurez de temprana a intermedia. Las variedades experimentales de las poblaciones 30, 32 y 49 desarrolladas durante 1980 y 1981 formaron el EVT 14B. Debe mencionarse aquí que la Población 30 (Blanco Cristalino-2) es un material de corta duración. En general, las EVs de la población 49 mostraron un rendimiento mayor, seguidas por los EVs de las poblaciones 32 y 30.

EVT 15A. En este ensayo se evaluaron materiales de maíz con calidad proteínica, tropical, blanco y amarillos con madurez tardía. Se evaluaron en este ensayo nuevos EVs desarrolladas de las poblaciones 40 y 39 y los materiales de la población 40 fueron los que tuvieron un rendimiento mayor en las 28 locaciones.

EVT 15B. Se evaluaron seis entradas de materiales de calidad de proteínas de la población 41 (Templado Amarillo QPM) y un EV del complejo 34 de calidad de proteínas en EVT 15B. La variedad experimental Tlaltizapan 8141 fue la de mejor rendimiento. En los materiales evaluados no se vió mucha diferencia en madurez o altura de la planta.

EVT 16A. Este ensayo incluyó materiales de maíz amarillos subtropicales con madurez temprana a intermedia. Los EVs de las poblaciones 33, 45 y 46 se incluyeron en el EVT 16A. Guaira 8045 fue la que mostró un mejor rendimiento, seguida por los EVs de la población 33. Excepto por la variedad Tlaltizapan 8146 de bajo rendimiento, no hubieron diferencias importantes entre los otros cinco materiales de la población 46 (Templado Amarillo Cristalino). Esta población fue la que tuvo el período de madurez más corto de las tres poblaciones evaluadas.

EVT 16B. Se evaluaron en este ensayo cinco variedades de la población 34 y una de la población 47. En madurez, los EVs de la población 34 fueron mucho más tardíos que el EV de la población 47. Diferencias similares en altura de la planta fueron también observadas. Los niveles de rendimiento presentaron las mismas diferencias, aunque no hubo diferencia estadística significativa.

ELVT 18A. Este es un ensayo de variedad elite de los mejores EVs de ocho poblaciones tropicales tardías 21, 22, 24, 27, 28, 29, 36 y 43. Las variedades fueron seleccionadas basándose en su comportamiento en los EVTs 12 y 13 realizados durante 1982. Las tres variedades con rendimiento mayor, basado en un promedio de rendimiento en 47 locaciones, fueron Guaymas (1) 8022, La Máquina 8022, y Across 8043.

ELVT 18B. Se incluyen aquí las variedades Elite de las poblaciones tropicales de madurez temprana a intermedia del CIMMYT. Hubieron diferentes niveles de madurez en estas variedades. De los materiales de madurez intermedia, Across 8023 demostró ser la de rendimiento mayor en 37 locaciones evaluadas. No se detectaron diferencias importantes entre las variedades de madurez temprana de las poblaciones 30 y 31, aunque Across 7930 tuvo el rendimiento mayor del grupo.

ELVT 20. Se evaluaron en este ensayo los EV Elite de las poblaciones 33, 34, 45, 46, 47 y 48. Hubieron diferencias en los niveles de madurez, en altura de la planta y en los niveles de rendimiento de las variedades evaluadas. Las variedades de mejor rendimiento de las poblaciones evaluadas fueron Across 7934, Across 8045 y Gemeiza 8047.

Figure 1. Steps in Population Improvement and Experimental Variety Development,

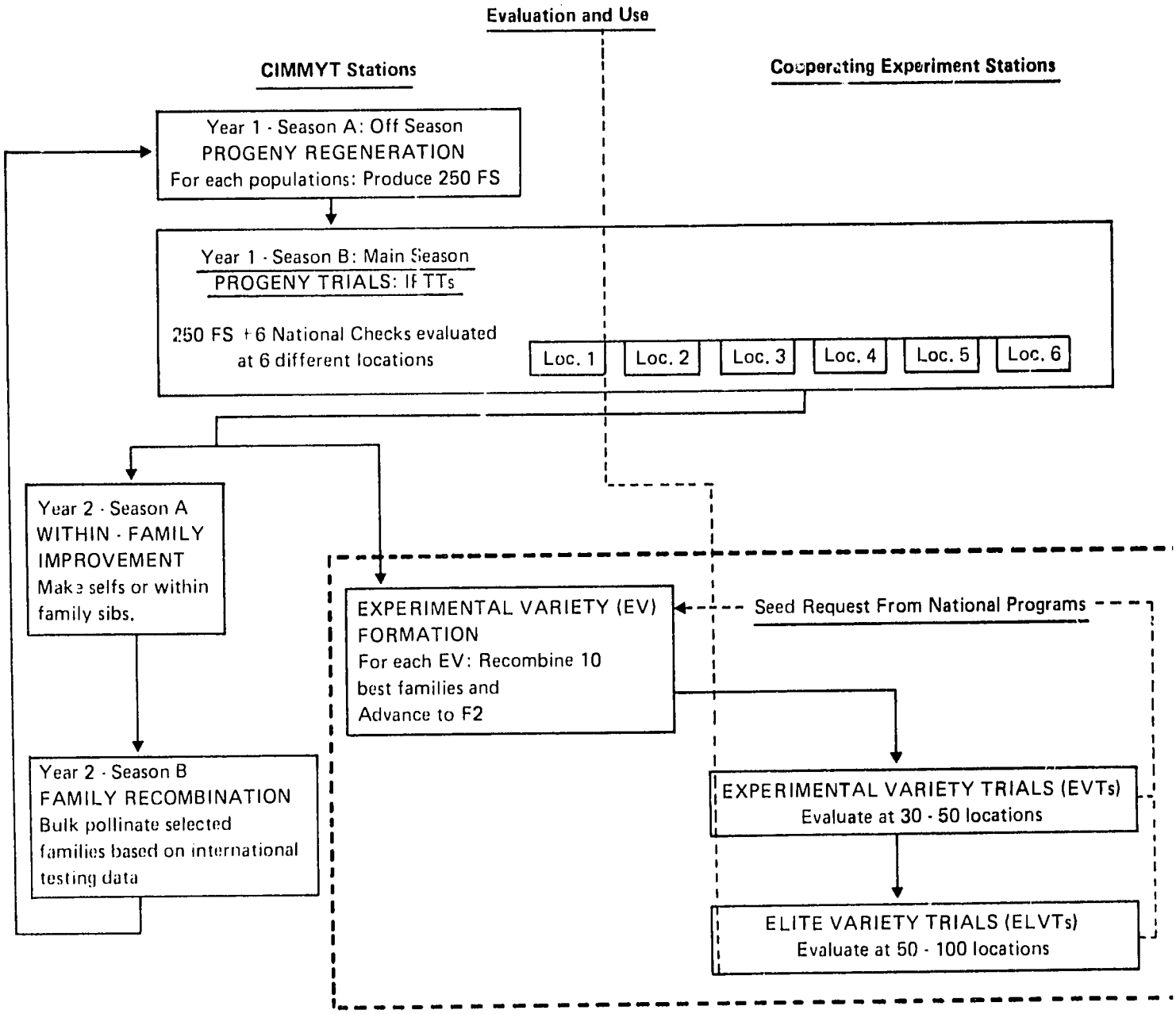
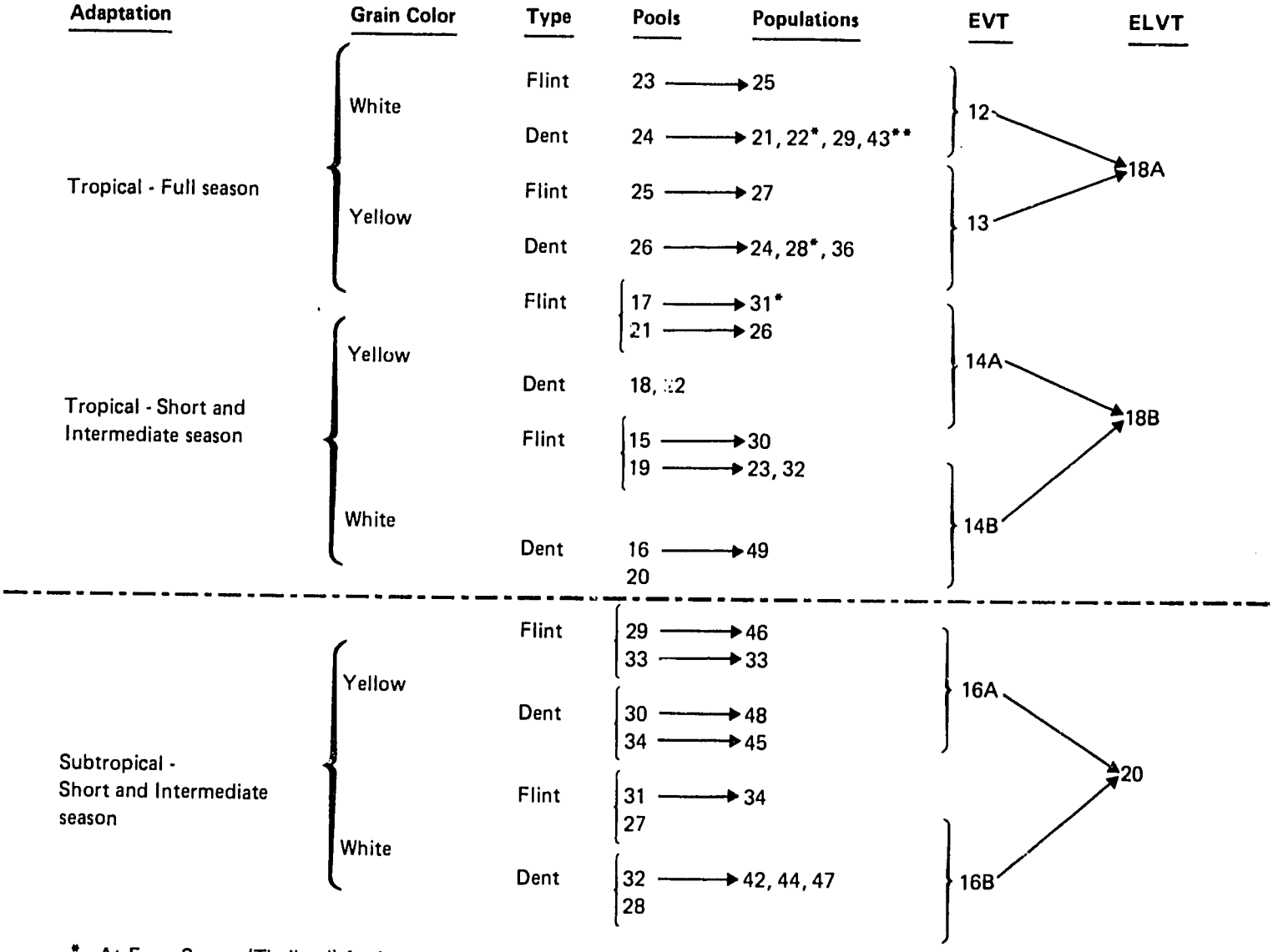


Figure 2. Relationship between Gene Pools, Populations, and Variety Trials in CIMMYT's Normal Maize Improvement Program



* At Farm Suwan (Thailand) for improvement of Downy Mildew Resistance
** At IITA for improvement of Streak resistance

Figure 3. Relationship between Gene Pools, Populations, and Variety Trials in CIMMYT's Quality Protein Maize Improvement Program.

Adaptation	Grain Color	Type	Pools	Populations	EVT	ELVT
Tropical Short season	White	Flint	15 QPM		15A	19
	Yellow	Flint	17 QPM	→ 61 QPM		
		Dent	18 QPM			
Tropical Full season	White	Flint	23 QPM	→ 62 QPM		
		Dent	24 QPM	→ 63 QPM, 64 QPM		
	Yellow	Flint	25 QPM	→ 65 QPM		
		Dent	26 QPM	→ 66 QPM		
Subtropical Short season	White	Flint	27 QPM		15B	
	Yellow	Flint	29 QPM			
Subtropical Intermediate season	White	Flint	31 QPM	→ 67 QPM		
		Dent	32 QPM	→ 68 QPM		
	Yellow	Flint	33 QPM	→ 69 QPM		
		Dent	34 QPM	→ 70 QPM		

Text Table 1. Locations of the International Progeny Testing Trials (IPTTs) in 1983
(Localidades de los Ensayos Internacionales de Progenies (IPTTs) de 1983

Trial No. / Ensayo No. / Country (País)	1	3	4	21	26	28	29	30	31	34	36	42	46	49	62	63	65	69	Total
South America																			
1. Bolivia	1		1	1	1	1						1	1				1		8
2. Brazil					1		1				1	1	1						5
3. Colombia		1													1		1		3
4. Perú	1	1	1		1	1			1		1						1		8
5. Venezuela				1			1												2
Central America & Caribbean																			
6. Costa Rica				1	1		1									1			4
7. Ecuador	1	1	1																3
8. El Salvador								1											1
9. Guatemala																2			2
10. Honduras																1			1
11. Nicaragua								1						1					2
12. Panamá						1			1		1						1		4
13. Rep. Dominicana						1													1
14. México	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1	1	16
Africa																			
15. Benin														1					1
16. Cameroon								1		1									2
17. Egypt										1									1
18. Ghana				1										1					2
19. Guinea															1				1
20. Ivory Coast					1				1		1								3
21. Malawi								1											1
22. Tanzania												1		1			1		3
23. Upper Volta						1													1
24. Zaire							1												1
25. Zimbabwe				1										1					2
Asia																			
26. India							1				1	1	1		1			1	6
27. Indonesia									1										1
28. Nepal										1									1
29. Pakistan									1	1			1						3
30. Philippines								1							1				2
31. Thailand						1			1							1			3
Total	4	4	4	6	6	6	6	6	6	5	6	5	5	6	5	6	6	2	94

Text Table 2. International Experimental Variety Trials (EVT) and Elite Varitety Trials (ELVT), 1983 (Ensayos Internacionales de Variedades Experimentales (EVT) y Ensayos de Variedades Elite (ELVT) de 1983)

Trial (Ensayo) No. Country (País)	EVT 12	EVT 13	EVT 14A	EVT 14B	EVT 15A	EVT 15B	EVT 16A	EVT 16B	ELVT 18A	ELVT 18B	ELVT 20	Total
South America	**12**	**22**	**11**	**6**	**6**	**5**	**9**	**2**	**10**	**2**	**9**	**94**
1. Argentina	1	2	3	1		1	4	2	1	1	2	18
2. Bolivia		7										7
3. Brazil	5	4	4	3	3	3	4		4		4	34
4. Chile											1	1
5. Colombia	1	1							2		2	6
6. Peru		5	3			1			1	1		11
7. Surinam		1	1		1							3
8. Uruguay							1					1
9. Venezuela	5	2		2	2				2			13
Central America	**23**	**25**	**12**	**16**	**20**	**11**	**6**	**5**	**21**	**22**	**1**	**162**
10. Belize		2								1		3
11. Costa Rica	6	6			3	1	2	1	4	5		28
12. El Salvador	2	2		2	1				1	1		9
13. Guatemala	2	3	2	2	2				2	2		15
14. Honduras	3	3	3	3	2		1		2	2		19
15. México	9	3	3	8	7	10	3	4	7	7	1	62
16. Nicaragua	1	1		1	1							4
17. Panama		5	4		4				5	4		22
Caribbean	**0**	**7**	**4**	**1**	**3**	**0**	**0**	**0**	**2**	**2**	**0**	**19**
18. Cuba		1		1								2
19. Haiti									2	2		4
20. Jamaica		1			1							2
21. Rep. Dominicana		4	3		2							9
22. Trinidad		1	1									2
Africa	**32**	**14**	**25**	**36**	**12**	**9**	**12**	**15**	**32**	**27**	**26**	**240**
23. Angola							1	1			1	3
24. Benin	1			2					1	1		5
25. Burundi	3						3	3			3	12
26. Cameroon									2	2		4
27. Cape Verde			2	2								4
28. Cent. African Rep.									2	2		4
29. Congo									1	1		2
30. Egypt											2	2
31. Gabon			1	1								2
32. Gambia			1		1							2
33. Guinea Bissau	1									1	1	3
34. Ivory Coast									2			2
35. Kenya	7			7	3	2		6	4	3	7	39
36. Mali	4	1	7	5					3	3		23
37. Nigeria			1	1							2	4
38. Rep. of Guinea	1	1	1	1	1				1	1		7
39. Senegal	2	2	2	2								8
40. Somalia	2			2				2	1	1	1	9
41. Sierra Leone		5	5		1		4		6	6	6	33
42. Swaziland	1			2		2			1			6
43. Tanzania	1			1	1	1		1	1	1	1	8

Text Table 2. (cont.)

Trial (Ensayo) No. Country (País)	EVT 12	EVT 13	EVT 14A	EVT 14B	EVT 15A	EVT 15B	EVT 16A	EVT 16B	ELVT 18A	ELVT 18B	ELVT 20	Total
44. Togo	2	1	2	4					2	1		12
45. Uganda	1			1	1				1	1		5
46. Upper Volta	1	1	2	1	2		2		1	1		11
47. Zaire	1	1	1	1	1	1	1	1	1	1	1	11
48. Zambia	2			2		2						6
49. Zimbabwe	2	2		1	1	1	1	1	2	1	1	13
Asia	**14**	**17**	**24**	**12**	**25**	**20**	**19**	**14**	**28**	**26**	**6**	**205**
50. Afghanistan							1					1
51. Bangladesh							4	4				8
52. Burma			1	1	2	2	1	1			1	9
53. India	2	2	2	2	2	2	2	2	2	2	2	22
54. Indonesia		1	1	1					1	1		5
55. Malaysia		1	1						3	2		7
56. Nepal						2	2	2				6
57. New Guinea									6	6		12
58. Pakistan			5	3		1	3	2				14
59. Philippines	8	4	1	4	9	7			3	6		42
60. Quatar			1				1					2
61. Saudi Arabia		3	4		2	2	2					13
62. South Korea											1	1
63. Sri Lanka		2			2				2			6
64. Thailand	3	3	7		7	3	1	2	7	7	2	42
65. Vietnam	1	1	1	1	1	1	1	1				8
66. Yemen A.R.							1		4	2		7
Others	**1**	**1**	**1**	**1**	**1**	**1**	**3**	**1**	**1**	**1**	**1**	**13**
67. Greece							2					2
68. USA	1	1	1	1	1	1	1	1	1	1	1	11
Total	82	86	77	72	67	46	49	37	94	80	43	733

Text Table 3
Description of Populations
(Descripción de Poblaciones)

Population No., Name (Nombre)	Description (Descripción)
1 Blanco Harinoso Precoz	Full-sib families were originally generated from the best families of Andean Pool 1 in 1979-80. The dominant germplasm in the population is Cacahuacintle of México and San Gerónimo of Perú. The population is early maturing, has large white floury seeds, and is adapted to tropical higland maize growing areas. It is being improved for wide adaptation by shuttle breeding between México and Ecuador, and for ear rots and ear worm resistance. Las familias de hermanos completos se generaron originalmente en 1970-80, tomando como base las mejores familias del pool Andino 1. El componente dominate del germoplasma en esta población es Cacahuacintle de México y San Gerónimo de Perú. Esta población es de temprana madurez, de grano blanco largo y se adapta a tierras altas del trópico. Ha sido mejorada para amplia adaptación por selección alternada entre México y Ecuador, y ha sido sometida a solución para resistencia a pudrición de la mazorca y resistencia al gusano de la mazorca.
3 Amarillo Harinoso Precoz	Full-sib families were formed from the best half-sib families of Andean Pool 3 in 1979-80. The pool was made up of germplasm from the highlands of México and the Andean region. This population has basically the same characteristics as Population 1, except that seeds are yellow and intermediate in size. It is being improved for wide adaptation by shuttle breeding between México and Ecuador, and for ear rots and ear worm resistance. Las familias de hermanos completos de esta población se formaron de las mejores familias de medios hermanos de pool Andino 3 en el ciclo de 1979-80. El pool 3 tiene su origen en germoplasma de tierras altas de México y de la Región Andina. Esta población tiene básicamente las mismas características que la Población 1, excepto que las semillas son amarillas y de longitud intermedia de grano. Ha sido mejorada para amplia adaptación por selección alternada entre México y Ecuador, y para resistencia a pudrición de la mazorca y resistencia al gusano de la mazorca.
4 Amarillo Harinoso Intermedio	Full-sibs were formed in 1980-81 from the population Varios x Chillos. The population includes varieties Chillos, Compuesto Amarillo Harinoso, Compuesto Grano Grande, Compuesto Blanco Harinoso Precoz, Compuesto Cacahuacintle, and Precoz Titicaca-Chihuahua. It is an intermediate maturing, yellow seeded population with floury large seed type. It is being improved for resistance to ear rots and ear worm, and for wide adaptation using shuttle breeding between México and Ecuador. Las familias de hermanos completos se formaron en 1980-81 de la población Varios x Chillos. Amarillo Harinoso Intermedio incluye variedades de: Chillos, Compuesto Amarillo Harinoso, Compuesto

Grano Grande, Compuesto Blanco Harinoso Precoz, Compuesto Cacahuacintle, y Precoz Titicaca-Chihuahua. Es de madurez intermedia, grano amarillo largo. Ha sido sometido a selección para resistencia a pudrición de mazorca y gusano de la mazorca. Esta población ha sido mejorada para amplia adaptación, usando el sistema de selección alternada entre México y Ecuador.

21 Tuxpeño 1

Tropical white dent, late maturity, combines excellent standability, and relatively short plant type. Fairly tolerant to most foliar diseases. Being improved for fall armyworm (*Spodoptera frugiperda*) resistance.

Maíz de grano blanco dentado, madurez tardía, combina excelente vigor y tipo de planta relativamente baja. Bastante tolerante a la mayoría de las enfermedades foliares. Se le está mejorando con respecto a resistencia al cogollero (*Spodoptera frugiperda*).

22 Mezcla Tropical Blanca

Tropical white, dent-semident, late maturity. Very broad genetic base. Being improved for downy mildew resistance.

Maíz blanco dentado y semidentado con madurez tardía de amplia base genética. Está siendo mejorado para resistencia a la cenicilla.

23 Blanco Cristalino-1

Tropical white flint, intermediate maturity and relatively short plant height. Being improved for sugarcane borer (*D. Saccharalis*) resistance.

Maíz de grano blanco, cristalino, de madurez intermedia y planta relativamente baja. Está siendo mejorado para resistencia al barrenador de la caña de azúcar (*D. Saccharalis*).

24 Antigua Veracruz 181

Tropical yellow, semident, intermediate plant height and maturity. Is being improved for fall armyworm (*Spodoptera frugiperda*) resistance.

Maíz de grano amarillo, semi-dentado. Su madurez y altura de planta son intermedias. Está siendo mejorado para resistencia al cogollero (*Spodoptera frugiperda*).

25 Blanco Cristalino-3

Tropical adaptation. White flint and late maturity. Being improved for stalk rot resistance.

Maíz de adaptación tropical. Con grano blanco cristalino, madurez tardía. Se le está mejorando con respecto a resistencia a la pudrición del tallo.

26 Mezcla Amarilla

Tropical yellow, semi-flint grain, intermediate maturity, and relatively short plants. Composed basically of Caribbean germplasm. Being improved for ear rot resistance.

Maíz tropical amarillo, semicristalino; madurez intermedia; plantas relativamente bajas. Básicamente se desarrolló a partir de germoplasma del Caribe. Se está mejorando con respecto a resistencia a la pudrición de la mazorca.

27 Amarillo Cristalino-1

Tropical yellow flint. Mixture of ETO, Cuban Flint, and Tuxpeño germplasm. Intermediate plant size and late maturity. Is being improved for ear rot resistance.

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 tardía. Está siendo mejorada para resistencia a la pudrición de la mazorca.

28 Amarillo Dentado

Tropical late maturity, yellow dent, relatively tall plants. Broad germplasm base; is a genetic mixture of Caribbean, Mexican, Central American, and Brazilian materials. Being improved for downy mildew resistance.

Maíz con grano amarillo dentado, madurez tardía; plantas relativamente altas. Se trata de una mezcla genética de germoplasma Caribeño, Mexicano, Centroamericano y Brasileño y consecuentemente tiene una muy amplia base genética. Está siendo mejorado para resistencia a la cenicilla.

29 Tuxpeño Caribe

Tropical white, dent grain, and late maturity. Broad genetic base comprises Tuxpeño and Cuban Flint germplasm. Being improved for reduced plant height.

Maíz tropical, grano blanco dentado; amplia base genética con germoplasma de Tuxpeño y de Cristalinos cubanos. Está siendo mejorado para altura reducida de la planta.

30 Blanco Cristalino-2

Tropical, white flint to semiflint. Early maturity and short plant. Being improved for seed uniformity, grain color, and texture.

Maíz tropical, grano blanco cristalino a semicristalino. Madurez precoz, tipo de planta relativamente baja. Está siendo mejorada para la uniformidad de color y textura del grano.

31 Amarillo Cristalino-2

Tropical yellow, flint to semiflint grain, early maturity, and relatively short plants. Being improved for downy mildew resistance.

Población adaptada a regiones tropicales maíz tropical, grano amarillo, cristalino a semicristalino, madurez precoz y plantas relativamente cortas. Está siendo mejorado para resistencia a la cenicilla.

32 ETO Blanco

Adapted to tropical and subtropical areas. Mixture of tropical and temperate germplasm. White, hard, flint grain type. Intermediate to late maturity. Short plant type. Being improved for resistance to foliar diseases.

Población adaptada para áreas bajas tropicales y subtropicales. Mezcla de germoplasma tropical y templado. Grano blanco, duro y cristalino. Con madurez intermedia a tardía. Planta baja. Está siendo mejorado para resistencia a enfermedades foliares.

33 Amarillo Subtropical

Subtropical-temperate yellow flint, intermediate maturity, with medium to short plant height. Being improved for ear rot resistance.

Maíz amarillo templado subtropical, grano cristalino, madurez intermedia, planta de mediana a corta altura. Esta siendo mejorado para resistencia a la pudrición de la mazorca.

34 Blanco Subtropical

Subtropical, broad genetic base including germplasm from Cuban Flints, ETO, Tuxpeño, Corn Belt Dent, India, and Nepal. Late maturity, semi-flint grain, relatively tall plants. Being improved for reduced plant height and resistance to foliar diseases.

Maíz subtropical 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 semicristalino plantas relativamente altas. Está siendo mejorado para altura reducida de la planta y resistencia a enfermedades foliares.

36 Cogollero

Tropical-subtropical, yellow-reddish, semiflint to semident, intermediate to late maturity, tall plants. A broad genetic base derived from Caribbean Composite. Being improved for reduced plant height.

Maíz tropical-subtropical; con grano amarillo rojizo, de semicristalino a semidentado; madurez intermedia a tardía; plantas altas. Base genética amplia derivada de Compuesto del Caribe. Está siendo mejorada para la altura reducida de la planta.

42 ETO Illinois

Subtropical white semi-dent late maturity. Advanced generation of short plant selected ETO with Illinois stocks. Segregating for resistance (major genes) to *Puccinia polysora* and *H. turcicum*. Being improved for resistance to foliar diseases and reduced plant height.

Maíz blanco subtropical, semidentado. 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*. Está siendo mejorado para resistencia a enfermedades foliares y altura reducida de la planta.

43 La Posta

Tropical white dent, Tuxpeño synthetic. Fairly late. Large and vigorous plants. Being improved for resistance to streak virus.

Maíz tropical sintético Tuxpeño de grano blanco dentado. Un tanto tardío. De plantas grandes y vigorosas. Está siendo mejorado para la resistencia al virus del rayado africano.

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 and ear rots, but capable of very high yields under favorable conditions. Being improved for resistance to leaf diseases and reduced plant height.

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

favorables, tiene una alta capacidad de rendimiento. Está siendo mejorado para resistencia a las enfermedades de la hoja y altura reducida de la planta.

45 Amarillo Bajío

Subtropical-temperate, intermediate maturity, yellow, dent. Broad germplasm base, derived from crosses among lowland tropical maize types from México and the Caribbean Islands and Corn Belt dents from USA. Being improved for resistance to ear rots.

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. Está siendo mejorado para resistencia a la pudrición de la mazorca.

46 Templado Amarillo Cristalino

A subtropical-temperate, early maturity, and yellow, flint grain population with a wide genetic base. Emphasis is on ear rot resistance.

Una población subtropical-templada, con madurez precoz, y grano amarillo cristalino con una amplia base genética. Se hace énfasis en la resistencia a la pudrición de la mazorca.

47 Templado Blanco Dentado

Temperate/subtropical, white dent, intermediate maturity. Short plant type. Being improved for South Western corn borer (*Diatraea grandiosella*) resistance.

Maíz templado/subtropical, blanco dentado, madurez intermedia. Tipo de planta corta. Está siendo mejorado para resistencia al barrenador del maíz de Sur Oeste (*Diatraea grandiosella*).

48 Compuesto de Hungría

Temperate yellow dent, early maturity. Essentially Central US Corn Belt type material with a mixture of southern European germplasm. Being improved for stalk rot resistance.

Maíz templado de grano amarillo dentado y madurez precoz. Material esencialmente de la parte central de la faja maicera de los EUA, con mezcla de germoplasma del sur de Europa. Está siendo mejorado para resistencia a la pudrición del tallo.

49 Blanco Dentado-2

Tropical-subtropical white dent, intermediate maturity. Plant height considerably reduced, maturity earlier than genetically related population Tuxpeño 1 (Pop. 21).

Maíz tropical-subtropical con grano dentado blanco, madurez intermedia. La altura de planta ha sido considerablemente reducida y la madurez es más precoz que la genéticamente emparentada a la población Tuxpeño 1 (Pop. 21).

61 Early Yellow Flint QPM

Tropical-subtropical early maturity, yellow flint, semi-flint, 70-80% more lysine and tryptophan in protein in the whole grain as compared to the normal maize.

Maíz tropical-subtropical, su madurez es precoz, el grano es amarillo cristalino y semicristalino. Contiene 70-80% más de lisina y triptofano, en comparación con el maíz normal.

62 White Flint QPM (Formerly 40)

Tropical White semi-flint grain, intermediate in height and late in maturity. A broad genetic base. The levels of protein and tryptophan and lysine in protein in the whole grain are 9.5%, 0.98% and 3.8% respectively.

Maíz tropical con grano semi-cristalino, base genética adaptado a los trópicos bajos, con grano semi-cristalino, altura intermedia y madurez tardía. Los niveles de proteína total y triptofano y lisina dan la proteína de todo el grano son de 9.5%, 0.98% y 3.8% respectivamente.

63 Blanco Dentado-1 QPM

Tropical-subtropical white dent, intermediate plant height, and late maturity. Protein content in the whole grain ranges from 9-10% with tryptophan and lysine levels in protein of 0.97% and 3.97%, respectively.

Maíz tropical-subtropical, con grano blanco dentado, altura intermedia y madurez tardía. El contenido de proteína en todo el grano varía de 9 a 10% con niveles de triptofano y lisina en proteína de 0.97% a 3.97% respectivamente.

64 Blanco Dentado-2 QPM

Tropical white, dent, late maturity, has intermediate plant height. It has 9-10% protein in the whole grain with protein quality quite superior to that of normal maize.

Maíz tropical blanco dentado, maduración tardía, tiene una altura intermedia. Contiene un 9-10% de proteína en todo el grano y tiene calidad proteínica superior a la del maíz normal.

65 Yellow Flint QPM (Formerly 39)

Tropical-subtropical, yellow, semiflint modified kernels, intermediate in maturity and plant height. It has 0.90% tryptophan and 4.7% lysine at a protein level of 9-10% in the whole grain.

Maíz tropical-subtropical, tiene granos modificados amarillos semicristalinos, de madurez y altura intermedios. Tiene 0.90% de triptofano y 4.7% de lisina y un nivel de proteína de 9 a 10% en todo el grano.

66 Yellow Dent QPM

Tropical-subtropical, late maturity, yellow dent. Protein quality at least 60-70% superior to that of normal maize.

Maíz tropical-subtropical, madurez tardía, grano amarillo dentado. Contiene una calidad proteínica de por lo menos 60-70% superior a la del maíz normal.

67 Templado Blanco Cristalino QPM

Subtropical intermediate maturity and plant height, white flint to semiflint kernel. Grain has approximately twice as much lysine and tryptophan as normal maize.

Maíz subtropical de madurez y altura intermedia de la planta, grano blanco cristalino y semi-cristalino. El grano tiene aproximadamente el doble de lisina y triptofano que el maíz normal.

68 Templado Blanco Dentado QPM

Subtropical, white, dent-semident, medium plant height and intermediate in maturity. The genetic base of this population is composed of 30-40%/o temperate and 60-70%/o tropical germplasm. It has 0.91%/o tryptophan and 4.10%/o lysine at a protein level of 10-11%/o in the whole grain.

Maíz subtropical blanco, dentados a semi-dentados, altura media de la planta y madurez intermedia. La base genética de esta población consiste de un 30 a 40%/o de germoplasma templado y de un 60 a 70%/o de germoplasma tropical. Tiene 0.91%/o de triptofano y 4.10%/o de lisina en un nivel de proteína de 10 a 11%/o en todo el grano.

69 Templado Amarillo QPM (Formerly 41)

Subtropical yellow, flint, medium plant height and late-intermediate in maturity. It is a broad genetic base material with 30-40%/o temperate and 60-70%/o tropical germplasm. Almost double the levels of lysine and tryptophan in protein in the whole grain as compared to the normal maize.

Maíz subtropical amarillo-cristalino, altura intermedia y madurez tardía intermedia. Es un material con amplia base genética con un 30 a 40%/o de germoplasma templado y un 60 a 70%/o tropical. Casi dobla los niveles de lisina y triptofano en proteína en todo el grano comparado con el maíz normal.

70 Templado Amarillo Dentado QPM

Subtropical, yellow dent, late-intermediate maturity, good plant type. It has broad genetic base. Protein quality substantially superior to that of normal maize.

Maíz subtropical amarillo dentado, madurez tardía intermedia, buen tipo de planta. Tiene una amplia base genética. El contenido de calidad de proteína es superior a la del maíz normal.

Text Table 4. Summary of trials sent and data reported in 1983 International Maize Testing Trials Preliminary and Final Reports

Region	No. of Trials sent	No. of Trials received and reported			
		Preliminary	Final	Total	% of Total
Pacific	44	10	3	13	29.5
South America	123	4	90	94	76.4
Central and North America	201	147	10	157	78.1
Caribbean	20	3	11	14	70.0
Europe	2	0	0	0	0
North Africa and Near East	26	0	9	9	34.6
West Africa	148	36	26	62	41.9
Eastern and Southern Africa	119	7	54	61	51.3
Subcontinent	67	10	6	16	23.9
Asia	76	19	25	44	57.9
Total	826	236	234	470	58.0

Text Table 5
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 6. Distribution of Coefficients of Variation (CV), and Relative Efficiencies (RE) of Lattice Design for Grain Yield of 1983 International Progeny Testing Trials (IPTTs).

RE (%)	CV(%) 6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	Over 35	Total
Less than 100	–	–	–	–	–	–	–	0
100 - 155	8	19	15	8	2	1	1	54
116 - 125	–	2	1	2	2	–	–	7
126- 150	2	–	1	–	–	1	–	4
151 - 175	–	1	–	2	–	–	–	3
176 - 200	–	–	–	–	–	–	–	0
Over 200	–	–	–	1	–	–	–	1
Total	10	22	17	13	4	2	1	69

Figure 4. Histogram of 1983 International Progeny Trial (IPTT) Mean Yields.

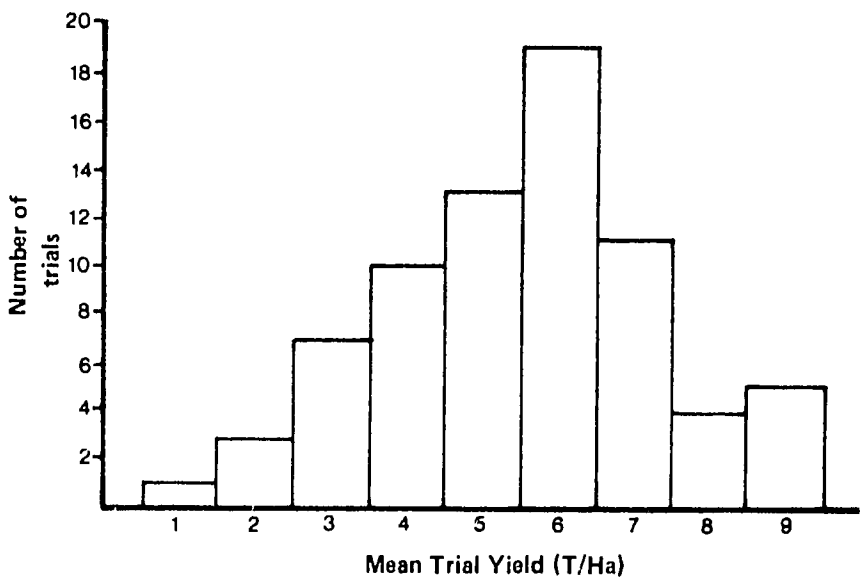


Figure 5. Histogram of Three Yield (T/Ha) Classes for the 11 International Variety Trials Grown in 1983.

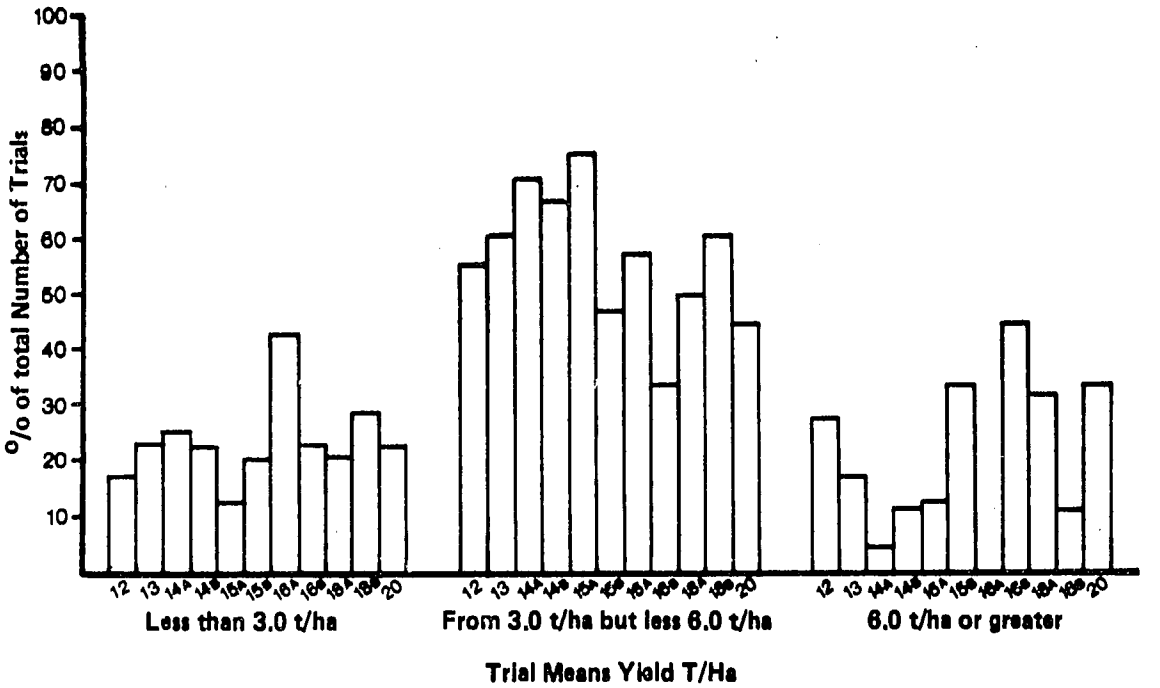
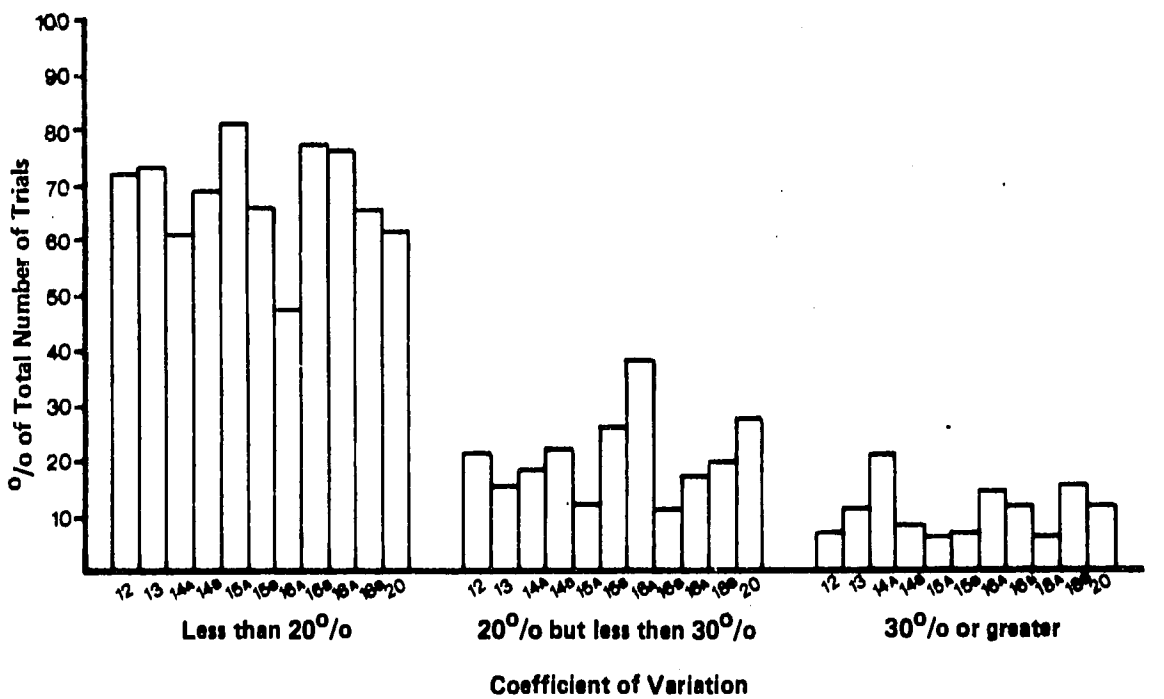


Figure 6. Histogram for three Classes of CVs for the 11 International Experimental Variety Trials Grown in 1983.



Text Table 7. Comparison of the best EV with the best local check for all Experimental Variety Trials (EVTs) and Elite Variety Trials (ELVTs)

Trial	No. of Trials Received	Trials with best EV yield less than best local check		Trials with best EV yield higher than best local check	
		No.	%	No.	%
12	47	11	23	36	77
13	53	11	21	42	79
14A	48	16	33	32	67
14B	36	11	31	25	69
15A	32	14	44	18	56
15B	15	8	53	7	47
16A	21	11	52	10	48
16B	18	6	33	12	67
18A	63	15	24	48	76
18B	46	15	33	31	67
20	18	6	33	12	67

TABLE: 29-P-83 POPULATION: POP. 1(BL HAR PRECOZ) TRIAL: IPTT 1

LOCATION COCHA BAMBA BOLIVIA EXP. VARIETY: COCHABAMBA (1) 8301

6CO-OPERATOR: ING TITO CLAURE

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT
24	5404	31	66	247	125	15.0	7.1	14.6	8.5	2.0	1.2
28	6484	13	68	236	126	0.0	3.6	2.9	15.0	2.0	1.0
39	5518	28	64	203	86	0.0	9.4	2.5	12.0	2.0	1.1
49	4428	50	63	225	109	3.3	3.3	26.0	11.0	2.5	1.0
58	8329	2	70	270	138	22.1	0.0	6.8	15.5	1.5	1.1
61	5177	38	68	239	152	5.9	27.6	26.8	13.5	2.0	1.1
64	3359	80	70	237	141	0.0	41.7	3.3	8.5	2.5	1.0
78	7535	4	66	209	111	9.1	7.7	7.1	16.0	2.0	1.1
82	6623	10	69	240	134	3.3	0.0	17.1	14.5	1.5	1.0
87	6246	14	68	253	146	4.5	0.0	0.0	11.0	2.0	1.4
SEL MEAN	5910	-	67	236	127	6.3	10.0	10.7	12.6	2.0	1.1
POP MEAN	4620	-	68	241	130	5.6	6.7	22.5	11.4	2.8	1.1
POP RANGE	8329-	-	76-	285-	165-	23.8-	41.7-	67.9-	18.0-	4.5-	1.4-
	1626	-	62	182	86	0.0	0.0	0.0	3.0	1.5	0.8
CHECK MEAN	6533	-	71	250	142	5.0	4.4	13.3	14.5	2.9	1.1
BEST CHECK	9067	-	73	245	140	10.5	2.6	19.2	17.0	3.0	1.3
C.V	33.9		4.3	8.4	15.1						
5% LSD	3119.5		5.8	40.2	39.2						

BEST CHECK: CHOCLERO 1 OTHER CHECKS: BULK POPN 1, CHOCLERO 3, MAIZ ANCHO.

TABLE: 30-P-83 POPULATION: TUXPENO-1 TRIAL: IPTT 21

LOCATION : IBOPERENDA BOLIVIA EXP. VARIETY: IBOPERENDA 8321

7CO-OPERATOR: ALBERTO HINOJOSA PADILLA

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT
11	11725	6	65	232	122	0.0	0.0	8.2	20.5	1.0	1.5	21.5	1.2
13	11416	10	65	222	125	2.4	0.0	9.0	21.0	1.5	1.0	21.5	1.3
19	13337	2	66	220	117	0.0	0.0	12.7	21.0	1.5	1.0	20.5	1.6
45	10623	21	65	225	132	0.0	0.0	12.4	20.5	2.0	1.0	21.0	1.1
54	13150	4	65	230	110	0.0	0.0	6.8	20.5	2.0	2.0	20.5	1.1
104	13968	1	66	202	115	2.6	0.0	9.8	20.0	1.5	1.0	20.0	1.1
150	11424	9	65	227	125	0.0	0.0	6.2	22.0	2.0	1.5	20.5	1.4
171	10453	28	65	226	127	0.0	0.0	9.1	19.0	1.5	1.5	20.0	1.3
236	11037	14	67	223	126	0.0	0.0	13.7	21.0	1.0	1.0	22.0	1.2
SEL MEAN	11904	-	65	223	122	0.6	0.0	9.8	20.6	1.6	1.3	20.8	1.3
POP MEAN	8993	-	66	225	124	0.1	0.0	16.5	20.2	1.8	1.5	20.3	1.1
POP RANGE	13968-	-	70-	256-	154-	5.0-	2.8-	48.7-	22.0-	3.5-	3.0-	22.0-	1.6-
	5269	-	64	190	98	0.0	0.0	0.0	16.5	1.0	1.0	16.0	0.8
CHECK MEAN	7957	-	67	234	134	0.5	0.0	13.5	18.1	1.6	2.0	18.3	1.2
BEST CHECK	8720	-	67	226	129	0.0	0.0	13.5	19.0	1.5	2.0	20.0	1.2
C.V.	15.3		1.5	6.3	9.4								
5% LSD	2708.9		2.0	27.9	23.0								

BEST CHECK: M. T. BLANCO IBOPEREN OTHER CHECKS: TUXP P. B. IBO, LA POSTA IBO, ETO. BL IBO, BL CRIS I, CUBANO A

TABLE: 31-P-83 POPULATION: TUXPENO-1 TRIAL: IPTT 21

LOCATION RATTRAY-ARNOLD ZIMBABWE EXP. VARIETY: RATTRAY ARNOLD (1) 8321

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLNTS GERM	EARS/ PLNT
19	10577	4	70	298	175	0.0	0.0	3.4	15.5	1.5	15.5	1.6
46	8794	19	73	230	128	0.0	10.5	6.1	17.0	1.0	17.0	1.0
51	9062	11	72	263	155	2.9	11.8	5.0	19.0	2.0	19.0	1.2
65	9311	8	74	270	145	0.0	5.6	6.4	17.5	1.0	17.5	1.3
116	8366	27	74	230	128	0.0	5.6	2.5	19.0	2.5	19.0	1.0
148	9193	9	74	280	163	0.0	0.0	8.8	17.5	1.5	17.5	1.1
199	9735	7	74	260	150	0.0	3.1	0.0	18.5	1.0	18.5	1.1
205	9011	12	73	258	150	0.0	9.5	8.4	17.5	2.0	17.5	1.1
219	9911	6	74	245	133	0.0	32.5	11.0	18.5	1.5	18.5	1.2
229	9147	10	70	268	158	0.0	2.6	7.9	17.0	1.5	17.0	1.1
245	8518	23	73	258	150	0.0	0.0	5.4	16.0	1.0	16.0	1.2
SEL MEAN	9239	-	73	260	148	0.3	7.4	5.9	17.5	1.5	17.5	1.2
POP MEAN	6834	-	73	247	137	1.6	11.6	8.0	16.2	1.9	16.2	1.1
POP RANGE	10577-	-	80-	298-	180-	16.7-	57.9-	30.0-	20.5-	3.5-	20.5-	1.7-
	3735	-	66	208	103	0.0	0.0	0.0	11.0	1.0	11.0	0.7
CHECK MEAN	10713	-	66	268	143	2.2	27.0	13.3	19.2	1.8	19.2	1.0
BEST CHECK	14607	-	69	305	170	0.0	27.5	5.1	20.0	1.0	20.0	1.0
C.V.	16.0		2.0	7.0	9.8							
5% LSD	2159.0		2.9	34.2	26.5							

BEST CHECK: LOCAL CHECK 2 OTHER CHECKS: LOCAL CHECK 1, LOCAL CHECK 3, LOCAL CHECK 4, LOCAL CHECK 5, LOCAL CHECK 6

TABLE: 32-P-83 POPULATION: TUXPENO-1 TRIAL: IPTT 21

LOCATION : RATTRAY-ARNOLD ZIMBABWE EXP. VARIETY: RATTRAY-ARNOLD 8321

1CO-OPERATOR

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLNTS GERM	EARS/ PLNT
46	8794	19	73	230	128	0.0	10.5	6.1	17.0	1.0	17.0	1.0
65	9311	8	74	270	145	0.0	5.6	6.4	17.5	1.0	17.5	1.3
156	8843	14	72	250	145	2.5	7.8	0.0	19.0	2.5	19.0	1.1
160	8836	15	73	273	168	2.9	0.0	10.5	17.5	1.5	17.5	1.1
173	8835	16	71	255	168	0.0	0.0	3.7	19.5	1.5	19.5	1.4
199	9735	7	74	260	150	0.0	3.1	0.0	18.5	1.0	18.5	1.1
205	9011	12	73	258	150	0.0	9.5	8.4	17.5	2.0	17.5	1.1
229	9147	10	70	268	158	0.0	2.6	7.9	17.0	1.5	17.0	1.1
245	8518	23	73	258	150	0.0	0.0	5.4	16.0	1.0	16.0	1.2
SEL MEAN	9003	-	72	258	151	0.6	4.3	5.4	17.7	1.4	17.7	1.2
POP MEAN	6834	-	73	247	137	1.6	11.6	8.0	16.2	1.9	16.2	1.1
POP RANGE	10577-	-	80-	298-	180-	16.7-	57.9-	30.0-	20.5-	3.5-	20.5-	1.7-
	3735	-	66	208	103	0.0	0.0	0.0	11.0	1.0	11.0	0.7
CHECK MEAN	10713	-	66	268	143	2.2	27.0	13.3	19.2	1.8	19.2	1.0
BEST CHECK	14607	-	69	305	170	0.0	27.5	5.1	20.0	1.0	20.0	1.0
C.V	16.0		2.0	7.0	9.8							
5% LSD	2159.0		2.9	34.2	26.5							

BEST CHECK: LOCAL CHECK 2 OTHER CHECKS: LOC CHECK1, LOC CHECK3, LOC CHECK4, LOC CHECK5, LOC CHECK6

TABLE: 33-P-83 POPULATION: TUXPENO-1 TRIAL: IPTT 21

YEAR: 1983 EXP. VARIETY: ACROSS 8321

COUNTRY-SITE CODES

20710 - MEXICO POZA RICA
726 1 - ZIMBABWE RATTRAY-ARNOLD
102 7 - BOLIVIA IBOPERENDA

PROG	KG/HA				DAYS TO SILK				PLANT HEIGHT			
	20710	72601	10207	MEAN	20710	72601	10207	MEAN	20710	72601	10207	MEAN
9	7106	8196	10227	8510	58	66	65	63	192	240	227	220
19	6939	10577	13337	10284	59	70	66	65	198	298	220	238
38	7784	8648	10238	8890	61	73	66	67	183	268	229	227
78	7000	8135	11574	8903	63	73	65	67	183	238	242	221
150	8317	8222	11424	9321	62	75	65	67	225	260	227	238
156	7319	8843	9203	8455	61	72	66	66	181	250	226	219
173	7605	8835	9888	8776	61	71	65	66	206	255	236	232
181	8938	7479	10346	8921	63	75	66	68	221	238	236	232
199	7415	9735	9202	8784	61	74	67	67	204	260	235	233
229	7511	9147	10517	9058	63	70	65	66	197	268	217	227
SEL MEAN	7593	8782	10596	8990	61	72	65	66	199	257	229	229
POP MEAN	6391	6741	9017	7383	62	73	66	67	194	247	224	222
CHECK MEAN	6449	10713	7957	8373	61	66	67	64	192	268	234	232
BEST CHECK	7854	14607	8720	10394	60	69	67	65	193	305	226	241
CV	12.3	16.0	15.3	14.5								
LSD(5%)	1555	2159	2709	2141								

TABLE: 34-P-83 POPULATION: MEZCLA AMARILLA TRIAL: IPTT 26

LOCATION : IBOPERENDA BOLIVIA EXP. VARIETY: IBOPERENDA 8326

7CO-OPERATOR: ALBERTO HINOJOSA PADILLA

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT
83	12286	4	65	206	107	0.0	0.0	8.1	25.0	1.0	1.0	21.5	1.5
88	12507	2	65	226	124	0.0	0.0	3.6	20.0	1.0	1.0	19.5	1.7
112	11024	16	64	213	112	0.0	0.0	3.2	19.5	1.5	1.0	19.5	1.7
117	11412	9	67	222	122	0.0	0.0	5.7	21.0	1.5	1.0	21.0	1.7
137	11739	7	65	195	96	2.8	0.0	4.3	19.5	1.0	1.0	19.5	1.8
192	11380	10	64	224	126	0.0	0.0	4.9	18.5	1.5	1.0	18.5	1.9
201	12375	3	64	228	124	0.0	0.0	7.7	20.5	1.5	1.0	21.0	1.9
216	13358	1	65	201	100	0.0	0.0	9.0	22.0	1.0	1.5	21.0	1.5
SEL MEAN	12010	-	65	214	114	0.3	0.0	5.8	20.8	1.3	1.1	20.2	1.7
POP MEAN	8948	-	65	218	117	0.5	0.1	9.7	19.1	1.6	1.2	19.1	1.4
POP RANGE	13358-	-	75-	251-	154-	9.5-	5.6-	37.9-	25.0-	3.0-	2.5-	22.0-	2.4-
	4846	-	64	194	95	0.0	0.0	0.0	14.5	1.0	1.0	13.0	1.0
CHECK MEAN	8126	-	66	240	134	2.0	2.2	9.7	15.6	1.8	1.3	15.7	1.5
BEST CHECK	9897	-	70	263	142	0.0	0.0	7.2	18.5	1.5	1.5	17.5	1.5
C.V.	17.4		1.8	5.3	10.0								
5% LSD	3072.3		2.3	22.9	23.1								

BEST CHECK: CUBANO AMARILLO

OTHER CHECKS: AM CRIST, AM DENT, AM IBO, MEZCLA AM IBO, AM BAJIO IBO.

TABLE: 35-P-83 POPULATION: MEZCLA AMARILLA TRIAL: IPTT 26

LOCATION : PIURA PERU EXP. VARIETY: PIURA 8326

1CO-OPERATOR: HUGO SANCHEZ. MARCO NEVADO. PROGRAMA DE MAIZ

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT
35	8325	3	65	182	81	19.0	1.3
59	7855	10	65	180	80	18.3	1.2
64	8093	4	64	208	105	18.0	1.1
87	7681	12	64	182	84	19.9	1.1
105	7527	14	63	172	76	18.2	1.3
116	7369	16	63	188	84	18.6	1.3
157	7381	15	63	169	76	20.2	1.0
158	8039	6	64	179	85	16.8	1.4
227	8079	5	64	180	84	18.4	1.2
248	9765	1	63	205	101	19.6	1.3
SEL MEAN	8011	-	64	184	86	18.7	1.2
POP MEAN	5495	-	64	174	79	16.0	1.2
POP RANGE	9765-	-	69-	233-	109-	20.5-	1.6-
	1675	-	60	137	51	9.8	0.8
CHECK MEAN	3303	-	65	175	84	7.3	1.2
BEST CHECK	6271	-	61	215	112	12.6	1.0
C.V.	28.4		2.8	7.8	15.5	18.6	
5% LSD	3075.2		3.5	26.7	24.2	5.8	

BEST CHECK: PM-701 OTHER CHECKS: PIURA-81-3, PIURA-81-8, PIURA-81-52, PIURA-81-57, PIURA-81-59.

TABLE: 36-P-83 POPULATION: MEZCLA AMARILLA TRIAL: IPTT 26

LOCATION GUANACASTE COSTA RICA EXP. VARIETY: GUANACASTE 8326

2CO-OPERATOR: JOSE GONZALES

PROG NO	KG/HA	RANK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT
35	5097	11	225	104	11 4	0.0	3 1	20 4	3 0	9.5	0 9
37	5391	5	210	97	17 7	0.0	7.7	19 8	3.0	4.5	1.0
41	4990	19	207	99	12.4	0.0	0.0	19 8	3 0	5.0	1.0
95	5515	3	196	89	7.5	0.0	4.7	22.2	2.5	15.0	1.1
150	5499	4	236	94	0 0	2.5	2.4	20.3	3.0	2.5	1.0
151	5009	15	192	90	7.5	2.4	2.8	20.2	2.5	14.6	1.0
156	5018	14	217	95	2.3	2.5	5.1	20 3	3.0	9.5	0.9
159	5263	8	217	111	9 1	2.3	4.9	21.5	3.0	11.4	1.0
166	5002	16	236	103	15.0	0.0	0.0	18.8	3.0	12.5	1.1
222	5274	7	209	89	7.4	2.5	7.8	19.7	3.0	9.5	1.0
SEL MEAN	5206	-	215	97	9.0	1.2	3.8	20.3	2.9	9.4	1.0
POP MEAN	4107	-	214	100	13.7	2.9	3.4	19.6	3.1	11.5	0.9
POP RANGE	5805-	-	245-	135-	52.8-	18.8-	25.0-	22.4-	4.0-	33.7-	1.3-
	2332	-	169	63	0.0	0.0	0.0	14.5	2.5	0.0	0.6
CHECK MEAN	2675	-	206	123	14.8	5.9	4.2	16.7	3.9	10.9	0.8
BEST CHECK	3661	-	233	136	14.7	0.0	0.0	16.4	3.0	20.6	0.9
C. V.	16.1		6.1	14.2							
5% LSD	1299.4		25.5	27.9							

BEST CHECK: LOCAL CHECK 2 OTHER CHECKS: LOCAL CHECK 1, LOCAL CHECK 3, LOCAL CHECK 4, LOCAL CHECK 5, LOCAL CHECK 6

TABLE: 37-P-83 POPULATION: MEZCLA AMARILLA TRIAL: IPTT 26

LOCATION : FERKESSEDOUGOU IVORY COAST EXP. VARIETY: FERKE 8326

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC POLY	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H. C.
39	6778	18	53	215	110	0.0	0.0	0.0	1.0	2.0	21.5	3.0	13.6
61	7141	6	52	214	99	6.9	4.5	0.0	1.0	2.0	21.5	2.5	27.9
105	6596	25	51	192	94	0.0	5.0	0.0	1.0	2.0	20.0	2.5	27.5
113	6681	21	50	214	109	0.0	4.8	0.0	1.0	2.0	21.0	2.5	21.4
151	6996	13	51	209	91	4.5	0.0	0.0	1.0	2.5	21.0	2.5	21.1
212	7137	7	52	197	88	0.0	0.0	0.0	1.5	2.0	19.5	2.5	9.8
213	6537	30	50	180	77	2.4	0.0	0.0	1.0	2.0	21.0	3.0	28.6
228	6660	23	52	192	84	0.0	0.0	0.0	1.0	2.0	20.5	2.5	26.7
243	6555	28	52	202	101	5.0	5.0	0.0	1.5	2.0	19.5	3.0	10.0
250	7848	1	54	201	94	0.0	0.0	0.0	1.0	2.0	21.5	2.0	27.7
SEL MEAN	6893	-	52	202	95	1.9	1.9	0.0	1.1	2.0	20.7	2.6	21.4
POP MEAN	5873	-	52	200	97	4.1	2.8	0.1	1.1	2.1	19.7	3.0	28.7
POP RANGE	7848-	-	58-	223-	120-	31.8-	30.5-	2.8-	2.0-	3.0-	22.0-	4.0-	80.7-
	4178	-	48	177	76	0.0	0.0	0.0	1.0	2.0	16.0	1.0	2.3
CHECK MEAN	5998	-	56	222	112	2.8	1.9	0.0	1.0	2.1	17.6	3.3	32.4
BEST CHECK	7433	-	57	223	114	0.0	0.0	0.0	1.0	2.0	21.0	3.0	11.8
C. V.	11.3		2.2	4.1	6.9								
5% LSD	1306.9		2.2	16.1	13.1								

BEST CHECK: FERKE 7928 OTHER CHECKS: CJB, FERKE 7635, FERKE 7526, IRAT 83, IRAT 81

TABLE: 38-P-83 POPULATION: MEZCLA AMARILLA TRIAL: IPTT 26

YEAR: 1983 EXP. VARIETY: ACROSS 8326

COUNTRY-SITE CODES

20710 - MEXICO	POZA RICA
607 1 - IVORY COAST	FERKESSEDOUGOU
203 2 - COSTA RICA	GUANACASTE
102 7 - BOLIVIA	IBOPERENDA
110 1 - PERU	PIURA

PROG	KG/HA						DAYS TO SILK					PLANT HEIGHT					
	20710	60701	20302	10207	11001	MEAN	20710	60701	10207	11001	MEAN	20710	60701	20302	10207	11001	MEAN
35	6685	6269	5097	10247	8325	7325	56	52	65	65	60	180	201	225	228	182	203
37	6589	5838	5391	10659	6708	7037	54	51	64	64	58	178	198	210	214	171	194
39	7064	6778	4719	11066	6155	7157	56	53	65	63	59	192	215	244	218	174	209
50	6961	6138	4704	10519	6874	7039	57	53	65	65	60	187	206	210	216	179	200
61	7668	7141	4680	11909	4257	7131	58	52	64	63	59	208	214	243	230	233	225
70	7755	6604	5595	10496	5333	7156	58	53	64	64	60	206	214	227	213	192	210
150	8094	7132	5499	9561	6334	7324	57	51	67	63	59	190	205	236	231	177	208
151	7305	6996	5009	11105	6383	7360	55	51	64	63	58	181	209	192	231	183	199
159	6873	6383	5263	10324	5250	6818	56	52	64	67	60	189	219	217	230	167	205
248	7685	6814	4466	9648	9765	7676	56	52	65	63	59	187	208	226	220	205	209
SEL MEAN	7268	6609	5042	10554	6538	7202	56	52	65	64	59	190	209	223	223	186	206
POP MEAN	6263	5870	4141	8968	5548	6158	56	52	64	64	59	182	200	214	218	174	197
CHECK MEAN	6412	5998	2675	8126	3303	5303	56	56	0	66	65	184	222	206	240	175	205
BEST CHECK	6568	7433	3661	9897	6271	6766	55	57	0	70	61	184	223	233	263	215	223
CV	9.5	11.3	16.1	17.4	28.4	16.5											
LSD(5%)	1171	1307	1299	3072	3075	1985											

TABLE: 39-P-83 POPULATION: AMARILLO DENTADO TRIAL: IPTT 28

LOCATION : IBOPERENDA BOLIVIA EXP. VARIETY: IBOPERENDA 8328

7CO-OPERATOR: ALBERTO HINOJOSA PADILLA

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
19	9873	5	68	230	130	3.6	0.0	3.1	16.0	2.0	1.0	1.3
21	10374	2	69	245	140	0.0	0.0	16.2	18.0	1.0	1.0	1.5
47	9205	11	69	240	140	0.0	0.0	4.5	13.5	1.0	1.0	1.4
79	9010	17	69	225	120	0.0	0.0	17.7	18.5	1.5	1.0	1.2
81	9593	8	69	235	140	3.1	0.0	4.5	18.5	1.5	1.0	1.3
113	9047	14	68	230	130	0.0	0.0	8.4	18.0	1.5	1.0	1.7
116	9771	7	66	240	145	0.0	0.0	0.0	19.5	1.5	1.0	1.6
123	9264	10	69	220	120	0.0	0.0	11.0	18.5	1.0	1.0	1.6
127	10765	1	69	245	145	0.0	0.0	3.3	20.0	1.0	1.0	1.3
242	9848	6	68	235	135	0.0	0.0	2.6	13.0	1.5	1.0	1.6
SEL MEAN	9675	-	68	235	135	0.7	0.0	7.1	17.4	1.4	1.0	1.4
POP MEAN	7009	-	68	240	138	0.4	0.3	8.7	15.9	1.6	1.1	1.3
POP RANGE	10765-	-	70-	275-	175-	9.8-	12.5-	33.3-	21.5-	4.0-	2.0-	3.9-
	3800	-	66	190	95	0.0	0.0	0.0	7.5	1.0	1.0	0.9
CHECK MEAN	5562	-	68	252	145	2.4	1.0	9.7	12.8	1.7	1.3	1.4
BEST CHECK	7478	-	68	265	160	0.0	0.0	4.3	15.5	1.5	1.5	1.8
C.V.	21.6		1.1	5.9	9.3							
5% LSD	2979.1		1.4	27.8	25.2							

BEST CHECK: AMARILLO CRISTALINO OTHER CHECKS: CUBANO AM, AM DENT IBO, AM IBO, MEZCLA AM IBO, AM BAJIO IBO

TABLE: 40-P-83 POPULATION: AMARILLO DENTADO TRIAL: IPTT 28

LOCATION . GUARARE PANAMA EXP. VARIETY. GUARARE 8328

7CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT
49	6298	14	57	215	117	25.0	40.9	16.7	22.0	2.0	1.0
53	6496	7	56	231	115	21.4	11.9	30.9	21.0	2.0	1.0
73	6427	13	56	218	105	0.0	13.6	9.5	22.0	1.5	1.0
84	6593	5	56	239	130	2.3	15.9	20.2	22.0	2.0	1.0
129	6781	2	56	235	107	4.5	41.6	7.9	21.5	2.0	0.9
159	6434	11	55	217	120	0.0	16.7	23.6	21.0	2.5	1.0
180	6642	4	56	242	117	6.9	4.5	16.1	21.5	2.0	1.0
188	6941	1	56	222	106	25.5	11.9	28.8	21.5	2.5	1.0
192	6531	6	56	236	134	6.8	40.9	11.8	22.0	2.5	1.0
195	6449	9	57	220	97	4.7	14.1	25.7	21.5	2.0	1.0
SEL MEAN	6559	-	56	227	115	9.7	21.2	19.1	21.6	2.1	1.0
POP MEAN	5083	-	56	226	116	12.2	29.8	24.0	21.2	2.5	1.0
POP RANGE	6941-	-	57-	273-	154-	43.2-	87.0-	53.9-	22.0-	3.5-	1.2-
	3159	-	55	183	82	0.0	0.0	0.0	18.5	1.5	0.6
CHECK MEAN	4226	-	56	231	127	6.9	58.1	21.4	18.4	2.8	0.9
BEST CHECK	6035	-	59	242	129	2.3	56.3	12.5	21.5	2.5	1.0
C.V.	12.3		0.9	6.3	10.1						
5% LSD	1231.8		1.0	27.9	23.1						

BEST CHECK: X-304C

OTHER CHECKS: ACROSS 7728, X-5800, POZA RICA 7931, XL-670, TOC-2428

TABLE: 41-P-83 POPULATION: AMARILLO DENTADO TRIAL: IPTT 28

LOCATION : SAN CRISTOBAL DOM. REP EXP. VARIETY: SAN CRISTOBAL 8328

2CO-OPERATOR: RAFAEL PEREZ

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	SCLER %	PLANTS HARV	EAR ASPCT	EARS/ PLNT
1	5971	18	52	190	90	24.7	31.0	21.2	3.0	1.0
3	6185	13	53	202	115	23.9	24.5	21.9	2.0	0.9
23	6781	4	53	220	128	5.0	12.8	19.6	1.5	1.0
31	6208	12	53	215	125	17.0	15.9	21.2	2.0	0.9
47	6557	5	55	215	130	13.1	10.3	19.4	2.0	1.0
53	7119	1	53	198	120	21.1	16.5	20.4	2.0	0.9
71	6181	14	52	200	105	7.1	31.8	22.0	1.0	0.9
115	6085	15	50	217	120	22.7	15.5	20.0	2.5	1.0
132	5933	20	54	210	125	16.4	14.9	18.0	1.5	1.1
178	5985	17	51	230	115	17.4	32.8	21.7	2.0	1.2
SEL MEAN	6300	-	52	210	117	16.8	20.6	20.5	2.0	1.0
POP MEAN	4578	-	53	203	114	28.9	30.5	19.4	2.9	0.9
POP RANGE	7119-	-	56-	235-	145-	68.3-	69.0-	23.2-	5.0-	1.4-
	2179	-	49	170	85	0.0	6.0	11.7	1.0	0.5
CHECK MEAN	3850	-	50	189	112	19.6	22.7	18.3	3.0	0.8
BEST CHECK	5329	-	54	195	120	8.1	16.4	22.2	2.0	0.8
C.V.	23.6		5.8	8.8	10.0					
5% LSD	2125 1		6.0	35.3	22.6					

BEST CHECK: LOCAL CHECK 5 OTHER CHECKS: LOCAL CHECK 1, LOCAL CHECK 2, LOCAL CHECK 3, LOCAL CHECK 4, LOCAL CHECK 6

TABLE: 42-P-83 POPULATION: AMARILLO DENTADO TRIAL: IPTT 28

LOCATION FARAKO-BA UPPER VOLTA EXP. VARIETY. FARAKO-BA 8328

1CO-OPERATOR: D. SAUVAIRE

PROC NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H.C.
15	4494	9	60	174	79	0.0	2.9	0.0	3.0	2.6	18.0	3.0	21.4
20	4260	14	61	172	77	2.4	0.0	0.0	2.0	0.0	20.5	2.5	0.0
56	4544	6	63	184	71	0.0	8.1	0.0	2.0	3.3	18.0	2.5	17.1
81	4611	4	62	176	89	0.0	2.4	2.3	2.0	2.4	20.5	2.5	7.4
91	4217	18	58	183	75	2.8	0.0	0.0	3.0	2.5	19.0	3.0	2.8
158	4246	17	60	182	79	0.0	7.5	0.0	2.0	0.0	21.0	2.0	2.3
189	4541	8	63	171	70	2.5	0.0	0.0	2.0	0.0	20.0	1.5	7.5
207	4275	13	60	176	69	5.9	0.0	0.0	2.0	2.8	17.5	2.5	11.8
222	4732	2	59	186	68	0.0	2.9	0.0	2.0	0.0	18.0	2.0	5.9
231	4295	12	60	159	73	2.9	0.0	0.0	2.0	0.0	15.0	2.0	15.6
SEL MEAN	4421	-	61	176	75	1.6	2.4	0.2	2.2	1.4	18.8	2.3	9.2
POP MEAN	3275	-	62	173	74	1.8	8.1	1.1	2.1	2.0	17.4	3.0	13.8
POP RANGE	4783-	-	68-	225-	100-	18.4-	48.3-	21.4-	4.0-	11.8-	21.0-	4.5-	53.9-
	1913	-	56	134	46	0.0	0.0	0.0	1.0	0.0	11.0	1.5	0.0
CHECK MEAN	2410	-	62	178	84	2.7	7.2	1.9	2.3	4.2	12.9	3.2	18.4
BEST CHECK	2992	-	63	172	60	0.0	3.1	0.0	3.0	0.0	15.0	3.0	25.9
C.V.	22.3		3.8	7.8	15.3								
5% LSD	1437.1		4.6	26.6	22.2								

BEST CHECK: FERKE (1) 7928 OTHER CHECKS: IRAT 171, IRAT 217, IRAT 83, IRAT 100, ACROSS 7728

TABLE: 43-P-83 POPULATION: AMARILLO DENTADO TRIAL: IPTT 28

LOCATION : SUWAN THAILAND EXP. VARIETY: SUWAN 8328

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT
15	9291	3	53	203	120	0.0	6.3	1.9	0.0	2.8	21.0	2.0	2.0
99	8735	7	53	223	130	4.7	7.0	2.8	0.0	2.5	21.5	1.8	2.0
128	8872	6	52	220	128	2.3	10.2	4.5	0.0	2.0	22.0	1.5	2.5
141	8503	9	52	210	123	2.5	11.8	8.6	0.0	2.3	21.0	1.8	3.0
148	8482	11	53	215	130	4.8	8.5	4.5	0.0	2.5	20.5	2.0	2.3
201	9118	4	54	208	115	11.4	15.9	8.3	0.0	2.3	22.0	1.3	3.5
206	8625	8	53	225	123	2.3	11.4	0.0	0.0	2.0	22.0	1.5	2.8
210	9470	1	54	208	120	2.3	8.0	0.0	0.0	2.5	22.0	1.5	2.0
229	8955	5	53	198	105	7.1	15.5	2.4	0.0	2.5	21.0	1.3	2.8
240	8502	10	53	225	120	0.0	15.2	4.9	0.0	2.5	21.5	2.0	3.0
SEL MEAN	8855	-	53	213	121	3.7	11.2	3.8	0.0	2.4	21.5	1.7	2.6
POP MEAN	6744	-	53	209	120	13.2	13.1	6.3	0.5	2.4	21.3	2.6	3.0
POP RANGE	9470-	-	57-	248-	153-	56.8-	22.4-	28.4-	20.5-	3.3-	22.0-	4.0-	4.3-
	3694	-	50	175	85	0.0	6.0	0.0	0.0	1.8	18.0	1.3	1.8
CHECK MEAN	6946	-	52	203	115	16.3	9.7	8.5	0.0	2.4	20.6	3.0	2.6
BEST CHECK	7602	-	53	203	115	0.0	9.0	0.0	0.0	2.3	19.5	2.5	2.0
C.V	11 1		1.6	6.9	10.1								
5% LSD	1479.9		1.7	28 2	23.9								

BEST CHECK: SUWAN 1-C8 OTHER CHECKS: THAI COMP. #3, CUPRICO FLINT DMR, CARIPENO DMR, DENTADO DMR, SUWAN 2-C6

TABLE: 44-P-83 POPULATION: TUXPENO CARIBE TRIAL: IPTT 29

LOCATION : CAPINOPOLIS BRAZIL EXP. VARIETY: CAPINOPOLIS 8329

2CO-OPERATOR: SEMENTES AGROCERES

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	HUSK COVER	ENDO HARD	PLANTS HARV	EAR ASPCT
24	8260	16	60	218	119	38.1	0.0	0.0	1.5	1.0	2.5	20.0	1.5
50	8018	24	57	224	126	33.5	0.0	0.0	2.0	2.0	3.5	20.5	2.5
144	8831	2	60	226	124	21.1	5.0	0.0	2.5	2.0	4.0	21.0	1.0
146	8153	20	59	227	126	36.4	0.0	0.0	2.0	2.0	3.5	22.0	1.0
153	8428	11	59	229	133	27.6	4.5	0.0	2.5	2.0	3.5	21.5	1.0
169	7977	26	57	223	130	21.2	5.3	0.0	3.0	2.0	3.5	20.5	1.5
170	7974	27	58	222	124	31.5	2.5	0.0	2.0	3.0	3.0	20.5	3.0
190	8319	13	58	222	130	33.3	0.0	0.0	2.0	1.5	3.0	21.0	1.5
194	8645	6	58	215	128	27.9	4.5	0.0	2.5	2.0	3.5	21.5	1.0
216	8155	18	56	224	129	36.1	0.0	1.8	2.0	2.0	4.0	20.0	1.5
SEL MEAN	8276	-	58	223	127	30.7	2.2	0.2	2.2	2.0	3.4	20.9	1.5
POP MEAN	6935	-	59	217	123	44.4	5.9	0.4	2.4	2.0	3.2	20.8	2.2
POP RANGE	8858-	-	64-	237-	145-	84.5-	39.5-	15.4-	4.0-	4.0-	4.5-	22.5-	3.5-
	4160	-	54	192	95	2.3	0.0	0.0	1.0	1.0	2.0	18.0	1.0
CHECK MEAN	6051	-	62	232	142	53.1	0.4	0.0	1.8	1.2	2.6	19.2	2.3
BEST CHECK	7223	-	62	222	138	27.4	2.6	0.0	1.0	1.0	2.5	16.5	2.0
C.V.	10.4		1.9	5.4	9.0								
5% LSD	1416.9		2.1	23.0	21.7								

BEST CHECK: IW OTHER CHECKS: AG 401, AG 403, AG 301, AG 302, M 301.

TABLE: 45-P-83 POPULATION: TUXPENO CARIBE TRIAL: IPTT 29

LOCATION MARACAY VENEZUELA EXP. VARIETY MARACAY 8329

1CO-OPERATOR ARNOLDO BENJARANO M

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT
65	7392	4	56	233	121	0.0	2.5	2.8	0.0	21.0	2.5	2.8	1.0
115	6847	18	57	215	115	0.0	2.3	0.0	0.0	22.0	2.8	2.8	1.0
129	7209	8	55	241	126	0.0	2.4	1.0	0.0	21.0	2.5	3.0	1.2
155	6927	15	53	241	122	0.0	0.0	0.0	0.0	19.5	2.5	2.8	1.2
167	8183	1	56	235	126	0.0	4.5	2.1	0.0	22.0	2.5	2.8	1.1
179	7161	9	54	204	97	0.0	0.0	4.2	0.0	21.0	2.5	2.5	1.1
192	7042	13	57	222	118	0.0	0.0	0.0	0.0	21.0	2.5	2.8	1.0
215	6868	16	54	225	122	0.0	2.6	1.4	2.3	20.5	2.5	3.0	1.0
231	7141	10	54	221	110	0.0	4.5	7.0	0.0	22.0	2.5	2.5	1.0
238	7261	7	55	248	126	0.0	0.0	2.6	2.3	22.0	2.5	2.8	0.9
SEL MEAN	7203	-	55	229	118	0.0	1.9	2.1	0.5	21.2	2.5	2.8	1.0
POP MEAN	5546	-	55	232	121	0.7	2.2	3.3	1.2	20.5	2.7	3.1	0.9
POP RANGE	8193-	-	60-	269-	157-	24.9-	20.6-	12.7-	12.3-	22.0-	3.3-	4.5-	1.3-
	2978	-	51	188	86	0.0	0.0	0.0	0.0	16.0	2.5	2.5	0.6
CHECK MEAN	5991	-	57	271	164	0.0	5.0	2.0	1.8	19.4	2.5	3.1	1.0
BEST CHECK	6855	-	56	274	158	0.0	2.3	0.0	2.3	20.5	2.5	3.0	1.0
C.V.	17.6		2.2	5.1	8.0								
5% LSD	1918.0		2.4	23.1	19.1								

BEST CHECK: H. OBREGON OTHER CHECKS: H. CENIAP-2, H. CENIAP-8, H. CENIAP-13, H. CENIAP-29, H. ARICHUNA

TABLE: 46-P-83 POPULATION: TUXPENO CARIBE TRIAL: IPTT 29

LOCATION: ALAJUELA COSTA RICA EXP VARIETY ALAJUELA 8329

1CO-OPERATOR: CARLOS SALAS, KENNETH JIMENEZ

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	RAMIFIED EARS %	2 EARED PLANTS %	STEM LODG	%EAR ROT	PUCC POLY	HELM TURC	PLANTS HAPX	EAR ASPCT
2	9845	23	61	210	100	7.1	0.0	0.0	32.5	2.0	2.5	21.0	3.0
13	10314	2	62	210	110	2.0	4.5	0.0	41.6	2.0	2.0	21.5	3.0
41	10071	9	59	205	110	2.2	0.0	0.0	35.2	2.0	2.0	20.4	3.0
60	9980	13	62	205	90	0.0	0.0	2.3	36.0	2.0	2.0	21.8	2.5
67	9849	22	65	218	113	0.0	2.5	0.0	24.2	2.0	1.5	21.1	2.5
68	9896	19	62	215	108	2.1	2.4	0.0	37.2	2.0	2.0	21.2	2.5
142	10314	3	64	203	93	13.1	6.8	0.0	32.7	2.0	2.5	22.0	2.0
199	10283	4	63	215	108	2.3	2.3	0.0	39.7	2.0	1.5	21.9	3.0
229	9922	15	62	213	118	4.2	0.0	0.0	20.8	2.0	2.0	21.5	3.0
238	10158	7	62	210	120	4.8	0.0	0.0	31.0	2.0	2.0	21.0	2.5
SEL MEAN	10063	-	62	210	107	3.8	1.9	0.2	33.1	2.0	2.0	21.4	2.7
POP MEAN	8810	-	62	207	110	4.1	1.6	0.8	43.6	2.1	2.0	21.1	3.2
POP RANGE	10360-	-	67-	230-	135-	20.5-	16.0-	10.0-	81.7-	3.0-	3.0-	22.4-	4.5-
	6773	-	58	183	88	0.0	0.0	0.0	16.7	1.5	1.0	18.5	2.0
CHECK MEAN	8287	-	62	206	108	5.9	0.5	0.4	37.9	2.1	1.8	20.2	3.1
BEST CHECK	9790	-	64	230	128	5.3	0.0	0.0	15.1	2.0	1.5	20.8	3.0
C.V.	11.0		2.7	5.6	11.3								
5% LSD	1908.4		3.3	23.0	24.4								

BEST CHECK: PR 7843 OTHER CHECKS: SALABONI, TICO V-1-M, TICO V-7, B-666, ALAJUELA-1

TABLE: 47-P-83 POPULATION: TUXPENO CARIBE TRIAL: IPTT 29

LOCATION : KANIAMA ZAIRE EXP. VARIETY: KANIAMA 8329

2CO-OPERATOR: PROGRAMME NATIONAL MAIS

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	LEAF DISEASE %	STEM LODG	ROOT LODG	%EAR ROT	STALK ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.
24	6793	8	65	213	114	0.5	10.0	19.3	5.0	28.4	18.5	2.0	9.6
37	7871	1	64	197	99	0.5	0.0	5.6	4.3	11.1	18.0	1.5	15.2
112	6771	12	63	200	96	0.5	0.0	12.4	7.6	29.1	20.0	1.5	15.3
117	7486	3	63	227	110	1.0	0.0	13.3	0.0	22.8	19.0	1.5	13.9
128	7035	5	64	192	106	1.0	0.0	6.7	2.4	16.5	17.0	2.0	5.0
151	6983	6	65	205	108	0.0	7.3	21.4	9.1	54.5	21.0	2.0	6.8
153	6238	21	62	205	102	0.5	2.4	13.9	0.0	12.7	19.5	2.0	0.0
188	6479	15	66	222	113	1.0	2.5	8.4	5.0	15.9	18.5	1.5	0.0
196	6775	11	64	203	105	0.5	0.0	25.4	7.5	31.7	19.5	2.0	8.8
SEL MEAN	6937	-	64	207	106	0.6	2.5	14.0	4.5	24.7	19.0	1.8	8.3
POP MEAN	4842	-	64	201	100	1.0	9.1	25.4	8.4	47.6	17.8	2.2	10.7
POP RANGE	7871-	-	69-	237-	134-	11.7-	56.9-	81.3-	55.3-	89.4-	21.5-	3.5-	71.1-
	2616	-	61	155	71	0.0	0.0	0.0	0.0	5.3	10.0	1.5	0.0
CHECK MEAN	5093	-	64	219	119	0.9	11.0	37.5	9.5	40.6	16.0	2.2	7.4
BEST CHECK	6776	-	64	203	114	0.5	0.0	36.2	5.4	26.0	18.5	2.0	11.6
C.V.	21.9		1.6	4.9	6.1								
5% LSD	2091.0		2.0	19.2	12.1								

BEST CHECK: BULK OTHER CHECKS: POOL 24, POP 22, KASAI 1, SHABA 1, PNM 1.

TABLE: 48-P-83

POPULATION: TUXPENO CARIBE

YEAR: 1983

TRIAL: IPTT 29

EXP. VARIETY: ACROSS 8329

COUNTRY-SITE CODES

203 1 - COSTA RICA	ALAJUELA
20710 - MEXICO	POZA RICA
113 1 - VENEZUELA	MARACAY
10322 - BRAZIL	CAPINOPOLIS
724 2 - ZAIRE	KANIAMA

PROG	KG/HA						DAYS TO SILK						PLANT HEIGHT					
	20301	20710	11301	10322	72402	MEAN	20301	20710	11301	10322	72402	MEAN	20301	20710	11301	10322	72402	MEAN
55	10096	7348	6308	6980	5266	7200	62	59	56	60	65	60	210	178	239	209	204	208
60	9980	7839	5728	8154	4410	7222	62	58	56	58	62	59	205	179	247	225	201	211
137	9119	7080	7657	7500	5409	7353	60	56	55	57	62	58	213	181	235	216	205	210
167	9100	6846	8183	7639	5968	7547	60	57	56	60	65	60	213	187	235	230	220	217
171	8272	8514	6456	7526	5635	7281	65	58	56	59	64	60	203	177	239	211	212	208
181	9779	6757	6541	7708	5545	7266	63	57	52	58	63	58	203	171	242	226	209	210
194	9498	7260	6567	8645	5982	7590	64	58	54	58	63	59	210	184	246	215	209	213
196	9919	8193	6816	8858	6775	8112	64	57	54	57	64	59	223	182	231	218	203	211
211	9382	7494	5540	7409	6258	7217	63	57	54	58	61	59	218	170	226	204	192	202
239	9989	7504	5665	7264	5535	7191	59	59	57	57	64	59	220	188	213	226	193	208
SEL MEAN	9513	7484	6546	7768	5678	7398	62	58	55	58	63	59	212	180	235	218	205	210
POP MEAN	8823	6426	5536	6957	4836	6515	62	59	55	59	64	59	207	181	231	217	200	207
CHECK MEAN	8287	6226	5991	6051	5093	6329	62	58	57	62	64	61	206	183	271	232	219	222
BEST CHECK	9790	6741	6855	7223	6776	7477	64	56	56	62	64	60	230	178	274	222	203	221
CV	11.0	11.9	17.6	10.4	21.9	14.6												
LSD(5%)	1908	1502	1918	1417	2091	1767												

TABLE: 49-P-83 POPULATION: BLANCO CRISTALINO-2 TRIAL: IPTT 30

LOCATION : SANTA ROSA NICARAGUA EXP. VARIETY: SANTA ROSA 8330

5CO-OPERATOR: LAUREANO PINEDA L. MARVIN OBANDO P.

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	SCLER %	PLANTS HARV	EARS/ PLNT
3	3616	23	45	210	80	31.2	38.5	22 0	1.0
17	3658	21	45	215	87	42.7	18.5	21.5	1.0
69	3818	13	45	210	83	34.1	38.6	22.0	1.3
93	4276	3	45	223	103	33.7	28.9	22.0	1.1
122	3894	9	45	218	93	54.4	16.3	22.0	1.2
134	3586	26	44	210	95	27.8	17.2	22.0	1.1
142	4274	4	46	223	90	32.9	30.7	22.0	1.1
230	3689	18	45	200	98	39.4	11.0	21.5	1.2
231	4243	5	44	215	85	18.0	17.4	22.0	1.1
249	4402	2	42	210	93	15.0	9.5	21.0	1.0
SEL MEAN	3945	-	44	213	90	32.9	22.7	21.8	1.1
POP MEAN	2737	-	45	211	89	50.7	43.4	21.3	1.1
POP RANGE	4922-	-	49-	235-	123-	96.0-	92.1-	22.5-	1.6-
	1274	-	42	165	63	12.9	6.3	18.0	0.7
CHECK MEAN	2487	-	51	220	98	51.4	33.7	18.6	1.0
BEST CHECK	3828	-	53	243	123	43.9	22.6	21.5	0.8
C.V	16.6		2.9	6.2	12.5				
5% LSD	895.6		2.6	25.9	21.9				

BEST CHECK: NB-3 OTHER CHECKS: NB-4, STA. ROSA 8073, NB-10, XL-560, XL-670

TABLE: 50-P-83 POPULATION: BLANCO CRISTALINO-2 TRIAL: IPTT 30

LOCATION SANGUERE CAMEROON EXP. VARIETY: SANGUERE 8330

3CO-OPERATOR: NCRE-IRA-USAID

PROG NO	KG/HA	RANK	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT
57	7422	2	0.0	2.9	4.6	17.2	1.5	1.2
59	6081	22	3.3	0.0	0.0	18.5	2.5	1.6
110	4825	111	0.0	8.3	0.0	14.3	3.5	1.6
118	6421	12	3.3	0.0	0.0	13.2	3.0	1.5
136	6235	16	0.0	0.0	0.0	15.3	2.5	1.4
152	6255	15	0.0	2.6	0.0	16.1	2.5	1.3
156	7270	3	0.0	3.1	0.0	17.6	1.5	1.3
168	6388	14	6.7	0.0	0.0	14.2	1.5	1.1
210	6559	10	2.5	0.0	0.0	18.0	2.5	1.4
232	7944	1	0.0	0.0	0.0	18.0	2.0	1.5
SEL MEAN	6540	-	1.6	1.7	0.5	16.2	2.3	1.4
POP MEAN	4549	-	2.4	7.6	1.5	13.8	2.9	1.4
POP RANGE	7944-	-	15.7-	39.7-	17.9-	21.3-	5.0-	2.1-
	1339	-	0.0	0.0	0.0	6.1	1.0	0.8
CHECK MEAN	5351	-	3.4	11.2	2.9	13.4	2.7	1.4
BEST CHECK	7237	-	2.8	16.1	0.0	14.4	3.0	1.6
C.V.	29.6					24.9		
5% LSD	2655.9					6.8		

BEST CHECK: GUSAN TZBB1 OTHER CHECKS: TZESR, TZESR, TZESR, GUSAN TZBB1, GUSAN TZBB1

TABLE: 51-P-83 POPULATION: BLANCO CRISTALINO-2 TRIAL: IPTT 30

LOCATION : BAKA MALAWI EXP. VARIETY: BAKA 8330

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	LEAF DIS.	PUCC	HUSK COVER	HELM	PLANTS HARV	EAR ASPCT	PLANT ASPECT
48	8868	9	52	211	101	0.0	2.0	1.5	2.5	2.5	22.0	2.0	1.5
87	9179	6	51	223	106	1.7	2.5	1.0	2.0	3.0	21.0	2.0	2.5
101	8493	18	51	215	101	6.1	2.5	1.5	2.0	2.5	22.0	2.5	1.5
106	8950	7	52	210	98	0.0	2.5	1.5	1.5	2.5	19.5	2.0	1.5
108	10109	3	51	224	119	1.8	2.5	2.0	2.5	3.0	20.5	3.0	1.5
182	8927	8	51	228	110	4.5	2.5	1.5	2.5	2.5	22.0	1.5	1.5
211	8761	11	50	215	115	4.3	3.0	2.0	1.5	2.0	21.0	1.5	1.0
232	8250	23	51	219	111	3.6	2.0	1.0	1.5	2.0	22.0	1.5	2.0
SEL MEAN	8942	-	51	218	108	2.8	2.4	1.5	2.0	2.5	21.3	2.0	1.6
POP MEAN	7114	-	51	209	101	3.8	2.7	1.5	2.0	2.7	20.9	1.7	1.5
POP RANGE	10109-	-	56-	254-	139-	41.8-	4.0-	2.5-	3.0-	4.0-	22.0-	3.0-	3.0-
	4397	-	47	160	66	0.0	1.5	1.0	1.0	1.0	16.0	1.0	1.0
CHECK MEAN	8244	-	52	239	130	2.5	2.7	2.1	2.1	2.3	20.3	1.8	1.6
BEST CHECK	12074	-	51	293	192	0.0	3.0	3.0	2.0	2.0	21.5	2.0	1.0
C.V	14.4		2.7	7.7	11.1								
5% LSD	2025.2		2.7	31.9	22.2								

BEST CHECK: LOCAL CHECK 1 OTHER CHECKS: LOCAL CHECK 2, LOCAL CHECK 3, LOCAL CHECK 4, LOCAL CHECK 5, LOCAL CHECK 6

TABLE: 52-P-83

POPULATION: BLANCO CRISTALINO-2

TRIAL: IPTT 30

YEAR: 1983

EXP. VARIETY: ACROSS 8330

COUNTRY-SITE CODES

20710	- MEXICO	POZA RICA
208 5	- NICARAGUA	SANTA ROSA
71011	- MALAWI	BAKA
602 3	- CAMEROON	SANGUERE

PROG	KG/HA					DAYS TO SILK				PLANT HEIGHT			
	20710	20805	71011	60203	MEAN	20710	20805	71011	MEAN	20710	20805	71011	MEAN
15	5743	3626	7007	5967	5586	54	44	52	50	174	203	221	199
26	5961	3441	7999	5798	5800	55	47	51	51	183	210	206	200
57	5854	3701	8067	7422	6261	55	47	52	51	186	208	216	203
91	5443	2359	6581	6753	5284	55	45	51	50	164	205	187	185
93	7290	4276	8701	6484	6688	55	45	50	50	177	223	214	204
100	7240	4067	7370	6391	6267	55	45	51	50	185	200	222	202
104	5937	3042	8394	6709	6021	56	46	50	51	179	228	205	204
114	6535	4124	8644	7019	6580	56	46	50	51	179	208	226	204
122	6491	3894	7821	4840	5761	55	45	50	50	173	218	215	202
249	7357	4402	7301	5895	6239	54	42	51	49	176	210	209	199
SEL MEAN	6385	3693	7788	6328	6049	55	45	51	50	178	211	212	200
POP MEAN	5518	2743	7087	4530	4970	54	45	51	50	172	210	209	197
CHECK MEAN	5401	2487	8244	5351	5371	54	51	52		167	220	239	
BEST CHECK	6873	3828	12074	7237	7503	54	53	51		175	243	293	
CV	10.7	16.6	14.4	29.6	17.8								
LSD(5%)	1162	896	2025	2656	1685								

TABLE: 33-2-83 POPULATION: AMAR. CRISTALINO-2 TRIAL: IPTT 31

LOCATION PIURA PERU EXP. VARIETY: PIURA 8331

1CO-OPERATOR HUGO SANCHEZ. MARCO NEVADO. PROGRAMA DE MAIZ

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT
1	7696	6	56	186	72	17.0	1.3
6	7456	9	57	143	50	18.0	1.5
10	7025	12	58	164	72	19.0	1.3
66	7742	5	56	166	59	17.0	1.2
83	7758	4	58	157	67	17.0	1.1
180	6915	13	57	165	70	19.0	1.0
191	7203	11	58	162	58	16.0	1.4
209	7639	7	56	183	72	15.0	1.4
235	7513	8	56	156	55	16.5	1.4
240	6784	14	56	179	69	16.0	1.1
SEL MEAN	7373	-	57	166	64	17.0	1.3
POP MEAN	5031	-	57	157	59	13.4	1.2
POP RANGE	7929-	-	59-	199-	91-	19.5-	1.9-
	2213	-	54	127	36	5.0	0.9
CHECK MEAN	3264	-	58	170	74	5.7	1.8
BEST CHECK	8632	-	58	251	144	12.5	1.6
C.V	24.7		1.7	7.9	16.9	23.9	
5% LSD	2448.9		1.9	24.5	19.7	6.3	

BEST CHECK: PIURA 81-55 OTHER CHECKS: PIURA 81-57, PIURA 81-92, PIURA 81-79, PIURA 81-55, PM-701.

TABLE: 54-P-83 POPULATION: AMARILLO CRISTALINO TRIAL: IPTT 31

LOCATION : TOCUMEN PANAMA EXP. VARIETY: TOCUMEN 8331

2CO-OPERATOR: CARLOS ORTIZ

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	CURV	HELM TURC	PLANTS HARV	EAR ASPCT	EARS/ PLNT
76	4114	20	49	139	63	25.0	12.5	3.0	2.0	16.5	2.0	1.0
83	4151	19	48	165	65	30.4	0.0	3.0	2.5	17.9	2.0	0.9
116	4227	17	49	145	69	26.8	11.1	3.5	3.0	18.7	2.0	1.0
122	5369	1	52	163	77	38.9	0.0	2.5	2.0	22.1	2.0	0.9
183	4299	12	49	143	64	40.8	11.1	3.5	3.0	17.6	2.0	1.2
229	4104	21	50	159	69	25.6	13.3	2.5	2.0	19.3	2.0	0.8
235	4485	8	51	143	65	19.9	15.8	3.0	2.0	16.6	2.0	1.1
246	4282	14	51	135	71	30.0	10.5	3.0	2.0	19.1	2.0	0.9
SEL MEAN	4379	-	50	149	68	29.7	9.3	3.0	2.3	18.5	2.0	1.0
POP MEAN	2999	-	50	150	68	43.5	19.8	3.0	2.5	16.8	2.4	0.9
POP RANGE	5369-868	- -	52-48	178-120	87-49	100.0-9.9	56.3-0.0	4.0-2.5	3.0-2.0	22.1-9.8	4.0-2.0	1.6-0.4
CHECK MEAN	3633	-	53	162	74	50.5	14.6	2.8	2.0	18.1	2.0	1.0
BEST CHECK	4757	-	54	173	89	50.0	25.0	3.0	2.0	19.5	2.0	1.0
C.V.			1.3	8.5	13.0							
5% LSD			1.3	25.2	17.4							

BEST CHECK: TOCUMEN 7527

OTHER CHECKS: TOCUMEN 7635, TOCUMEN 7428, TOCUMEN BLANCO, TOCUMEN 80A, UNP-1

TABLE: 55-P-83 POPULATION: AMARILLO CRISTALINO TRIAL: IPTT 31

LOCATION . MUNENG INDONESIA EXP. VARIETY: MUNENG B331

7CO-OPERATOR: PONIDI SOEPANGAT

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	BORER %	STEM LODG	ROOT LODG	SCLER %	PUCC	PLANTS HARV	EAR ASPCT	%BAD H. C.
10	5420	14	49	145	66	2.6	0.0	0.0	7.9	1.5	19.5	2.0	7.5
33	5356	19	51	147	57	7.8	0.0	0.0	2.6	1.0	19.5	2.0	5.1
66	5860	5	48	146	60	10.5	0.0	0.0	7.9	1.5	20.5	2.0	5.3
74	5654	10	51	140	55	4.8	0.0	0.0	2.4	1.0	21.0	2.0	7.1
86	5876	4	49	135	61	6.9	0.0	0.0	2.4	1.0	21.5	2.0	9.5
133	5669	9	48	144	50	12.8	2.5	0.0	7.9	1.5	19.5	2.0	7.5
211	6164	3	50	145	53	0.0	0.0	0.0	2.4	1.0	21.5	1.5	4.5
246	5333	22	53	151	65	6.8	0.0	0.0	0.0	1.0	22.0	2.0	9.1
SEL MEAN	5669	-	50	144	58	6.5	0.3	0.0	4.2	1.2	20.6	1.9	7.0
POP MEAN	4439	-	50	140	54	10.4	0.2	1.4	10.4	1.4	18.8	2.1	19.0
POP RANGE	6262-	-	54-	167-	75-	32.7-	5.9-	31.6-	62.5-	3.0-	22.0-	3.0-	74.2-
	2893	-	47	116	34	0.0	0.0	0.0	0.0	1.0	12.0	1.0	0.0
CHECK MEAN	2724	-	52	144	61	12.0	0.0	0.4	8.6	1.5	17.3	2.6	12.5
BEST CHECK	3979	-	50	140	59	14.0	0.0	0.0	0.0	2.0	21.5	2.5	11.6
C.V	13.2		2.1	5.3	10.0								
5% LSD	1158.0		2.1	14.8	10.8								

BEST CHECK: NAKULA OTHER CHECKS: ABIMANYU, CETTAR, ARJUNA, PARIKESIT, SADEWA

TABLE: 56-P-83 POPULATION: AMARILLO CRISTALINO TRIAL: IPTT 31

LOCATION PIRSABAK PAKISTAN EXP. VARIETY: PIRSABAK 8331

1CO-OPERATOR: ABDUL AZIZ

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	STALK ROT	HELM MAYD	PLANTS HARV	EARS/ PLNT
10	4834	14	50	177	95	0.0	27.5	0.0	0.0	1.0	20.0	0.8
40	5016	10	51	178	94	8.8	11.5	0.0	0.0	1.0	18.0	1.0
87	5325	7	49	180	79	10.5	12.9	0.0	5.3	1.0	20.0	0.9
91	5855	2	52	183	92	0.0	5.6	0.0	0.0	1.0	20.0	1.0
128	4678	21	51	170	77	0.0	11.8	0.0	0.0	1.0	18.0	0.9
134	5523	4	51	167	91	0.0	22.6	0.0	2.5	1.0	18.5	1.0
148	5400	6	52	182	84	2.5	10.1	0.0	2.5	1.0	19.5	0.9
248	4925	11	51	170	84	6.8	4.5	0.0	6.8	1.0	20.5	0.9
SEL MEAN	5195	-	51	176	87	3.6	13.3	0.0	2.1	1.0	19.3	0.9
POP MEAN	3588	-	53	171	81	6.6	23.5	0.3	1.4	1.1	16.7	0.9
POP RANGE	5855-	-	60-	199-	102-	43.7-	68.7-	9.1-	16.5-	2.0-	22.0-	1.2-
	1592	-	47	133	55	0.0	0.0	0.0	0.0	1.0	11.0	0.5
CHECK MEAN	3844	-	53	161	72	14.5	24.3	0.0	2.0	2.3	19.7	0.8
BEST CHECK	5920	-	55	185	69	9.4	20.8	0.0	2.4	2.5	21.5	0.9
C.V.	27.7		4.5	8.2	14.2							
5% LSD	1959.1		4.7	27.4	22.5							

BEST CHECK: SARHAD (W) OTHER CHECKS: SARHAD (Y), AZAM, GOLDEN PEARL, H.R.C., SHAHEEN

TABLE: 57-P-83 POPULATION: AMARILLO CRISTALINO TRIAL: IPTT 31

LOCATION . SUWAN THAILAND EXP. VARIETY: SUWAN 8331

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	LEAF DIS.	HUSK COVER	PLANTS HARV	EAR ASPCT
91	7797	11	45	185	94	9.1	11.4	34.1	0.0	3.0	3.0	22.0	2.0
127	8076	8	46	200	108	4.5	11.4	13.5	0.0	2.5	3.5	22.0	1.8
172	7765	15	45	201	100	4.5	11.4	17.0	0.0	3.0	3.5	22.0	1.8
173	8046	9	46	178	93	0.0	14.0	31.9	2.4	3.0	2.5	21.5	2.8
209	8008	10	48	202	110	7.1	16.7	20.8	0.0	2.5	2.5	21.0	2.0
211	8864	4	48	196	112	4.5	13.6	16.3	0.0	2.5	2.5	22.0	2.0
215	8607	6	46	200	95	0.0	16.3	19.2	0.0	2.0	2.0	21.5	1.5
218	8200	7	45	200	97	2.3	11.4	27.4	0.0	3.0	3.0	22.0	2.3
246	7815	14	46	200	106	4.5	11.6	9.3	0.0	2.5	3.0	21.5	1.8
247	7824	13	45	198	95	0.0	9.3	20.5	0.0	3.0	4.0	21.0	2.3
SEL MEAN	8120	-	46	196	101	3.7	12.7	21.0	0.2	2.7	3.0	21.6	2.0
POP MEAN	5760	-	45	188	96	20.3	14.9	37.5	0.6	3.1	3.2	21.2	2.6
POP RANGE	8864-	-	49-	227-	120-	92.5-	23.6-	84.5-	9.5-	4.5-	4.5-	22.0-	4.3-
	2169	-	42	156	68	0.0	6.8	2.6	0.0	2.0	2.0	17.0	1.3
CHECK MEAN	8401	-	49	203	111	5.1	11.1	16.1	0.0	2.4	2.6	20.9	1.9
BEST CHECK	9271	-	49	197	113	2.3	11.4	18.0	0.0	2.5	2.0	22.0	1.5
C.V.	12.0		2.2	7.4	11.7								
5% LSD	1366.8		2.0	27.3	22.2								

BEST CHECK: THAI COMP. #3 OTHER CHECKS: CUPURICO FLINT DMR, CARIPENO DMR, AMARILLO DENT. DMR, SUWAN 2-C6, SUWAN 1-C8

TABLE: 58-P-83 POPULATION: BLANCO SUBTROPICAL TRIAL: IPTT 34

LOCATION : SAKHA EGYPT EXP. VARIETY: SAKHA 8334

3CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	CEPH %	PLANT ASPECT	EARS/ PLNT
3	13537	2	55	228	107	0.0	3.0	19.7	3.0	0.0	2.5	1.3
73	11830	14	56	217	111	0.0	2.5	14.4	2.0	0.0	2.5	1.0
84	12874	4	59	240	108	0.0	1.5	18.5	2.5	0.0	3.0	1.4
118	12900	3	58	232	113	0.0	2.0	19.0	1.5	0.0	2.5	1.0
128	12567	6	56	236	102	0.0	2.5	16.2	3.5	0.0	2.5	1.3
143	11797	16	55	238	113	0.0	2.0	17.6	2.0	0.0	3.0	1.2
166	12347	8	56	231	113	0.0	1.5	19.2	3.0	0.0	1.5	1.3
244	11099	25	56	212	104	0.0	2.5	16.0	2.5	0.0	2.5	1.2
246	10972	29	57	217	101	0.0	2.0	17.3	3.0	0.5	2.0	1.3
249	11575	22	56	225	109	0.0	2.5	17.4	2.5	0.0	2.5	1.1
SEL MEAN	12150	-	56	227	108	0.0	2.2	17.5	2.5	0.1	2.5	1.2
POP MEAN	8459	-	56	223	105	0.1	3.0	13.6	3.1	0.1	3.0	1.3
POP RANGE	14100- 1048	- -	61- 53	276- 168	134- 66	5.6- 0.0	5.0- 1.5	22.5- 1.5	4.5- 1.5	2.5- 0.0	4.5- 1.5	2.0- 0.8
CHECK MEAN	7823	-	58	252	129	0.0	3.0	11.3	3.1	0.0	3.8	1.4
BEST CHECK	11546	-	58	264	147	0.0	2.5	12.3	2.5	0.0	3.5	1.6
C.V.	23.1		2.9	5.9	9.4							
5% LSD	3843.4		3.2	26.1	19.3							

BEST CHECK: DC-202

OTHER CHECKS: COMPOSITE-2 EV-4, COMPOSITE-2 EV-5, COMPOSITE-5, KAHERA-1, DC-203

TABLE: 59-P-83 POPULATION: BLANCO SUBTROPICAL TRIAL: IPTT 34

YEAR: 1983 EXP. VARIETY: ACROSS 8334

COUNTRY-SITE CODES

20712 - MEXICO TLALTIZAPAN
504 3 - EGYPT SAKHA
602 5 - CAMEROON BABUNGO

PROG	KG/HA			DAYS TO SILK			PLANT HEIGHT		
	20712	50403	MEAN	20712	50403	MEAN	20712	50403	MEAN
3	8957	13537	11247	60	55	57	202	228	215
5	9430	10993	10212	61	57	59	198	224	211
56	8096	11719	9907	59	54	57	195	223	209
73	9278	11830	10554	60	56	58	204	217	210
118	7255	12900	10078	63	58	60	201	232	216
134	8225	12236	10230	62	53	57	212	222	217
166	8842	12347	10595	58	56	57	206	231	218
175	7814	12140	9977	60	58	59	206	234	220
179	7336	12354	9845	63	58	60	197	231	214
199	8160	12025	10093	64	57	60	189	237	213
SEL MEAN	8339	12208	10274	61	56	59	201	228	214
POP MEAN	7099	8474	7787	61	56	59	200	223	211
CHECK MEAN	6727	7823		60	58		195	252	
BEST CHECK	7772	11546		62	58		204	264	
CV	11.7	23.1							
LSD(5%)	1634	3843							

TABLE: 60-P-83 POPULATION: COGOLLERO TRIAL: IPTT 36

LOCATION : JARDINOPOLIS BRAZIL EXP. VARIETY: JARDINOPOLIS 8336

7CO-OPERATOR: LIMAGRAIN DO BRAZIL EMMANUEL D. AUBRY

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
11	6282	16	68	260	110	38.1	2.4	9.3	21.0	1.4
17	6417	11	67	245	100	58.6	0.0	18.3	21.0	1.0
139	6671	6	66	254	100	65.0	0.0	0.0	20.0	1.2
161	6168	22	67	250	100	45.1	0.0	14.4	21.5	1.0
170	6269	17	68	248	103	52.9	4.2	13.6	21.5	1.0
177	6250	18	67	228	90	65.7	0.0	17.0	21.0	1.1
190	6201	20	65	228	103	39.2	16.6	10.0	21.0	1.0
203	6831	4	66	245	103	42.1	6.5	9.5	22.0	1.0
217	6481	10	68	243	93	46.7	9.3	20.2	21.5	1.0
221	6081	27	66	244	98	43.9	4.8	8.1	21.5	1.2
SEL MEAN	6365	-	67	244	100	49.7	4.4	12.0	21.2	1.1
POP MEAN	5325	-	67	239	99	65.0	10.0	16.3	19.9	1.1
POP RANGE	8289-	-	71-	268-	120-	100.0-	50.7-	46.0-	24.0-	1.4-
	3433	-	63	210	80	17.1	0.0	0.0	13.0	0.9
CHECK MEAN	5590	-	74	270	123	45.8	6.8	19.4	19.0	1.2
BEST CHECK	7267	-	68	256	103	75.7	2.4	28.2	20.5	1.0
C.V.	12.4		1.9	4.3	7.9					
5% LSD	1305.0		2.5	20.1	15 4					

BEST CHECK: P 6875 OTHER CHECKS: DINA 10, DINA 3030, HMD 7974, C 511, AG 403.

TABLE: 61-P-83 POPULATION: COGOLLERO TRIAL: IPTT 36

LOCATION : PIURA PERU EXP. VARIETY: PIURA 8336

1CO-OPERATOR: HUGO SANCHEZ. MARCO NEVADO PROGRAMA DE MAIZ

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT
20	8671	6	67	204	108	21.7	1.0
44	7595	13	67	190	89	19.8	1.2
73	7612	12	65	186	91	18.2	1.1
76	8818	2	65	183	79	19.4	1.2
97	8801	4	65	208	106	20.9	1.1
103	7593	14	67	193	86	16.1	1.1
126	9112	1	67	213	121	21.1	1.0
132	8053	8	67	196	95	19.5	1.1
177	7814	9	69	200	97	17.7	1.4
204	7671	11	67	206	96	19.4	1.1
SEL MEAN	8174	-	67	198	97	19.4	1.1
POP MEAN	5707	-	67	186	89	16.2	1.1
POP RANGE	9112-	-	72-	227-	121-	21.7-	1.8-
	2788	-	63	150	57	10.3	0.9
CHECK MEAN	2797	-	47	136	72	8.5	0.7
BEST CHECK	6021	-	36	245	137	15.4	1.1
C.V.	25.2		10.1	9.5	14.5	16.0	
5% LSD	2836.0		13.2	34.7	25.4	5.1	

BEST CHECK: PM-701 OTHER CHECKS: PIURA-81-61, PIURA-81-62, PIURA-81-63, PIURA-81-67, PIURA-81-23

TABLE: 62-P-83

POPULATION: COGOLLERO

YEAR: 1983

TRIAL: IPTT 36

EXP. VARIETY: ACROSS 8336

COUNTRY-SITE CODES

20710 - MEXICO	POZA RICA
20902 - PANAMA	TOCUMEN
60701 - IVORY COAST	FERKESSEDOUGOU
10317 - BRAZIL	JARDINOPOLIS
110 1 - PERU	PIURA

PROG	KG/HA						DAYS TO SILK						PLANT HEIGHT					
	20710	20902	60701	10317	11001	MEAN	20710	20902	60701	10317	11001	MEAN	20710	20902	60701	10317	11001	MEAN
2	7541	6006	6620	5862	4911	6188	55	52	53	67	67	59	203	200	224	243	201	214
13	6974	5812	5836	8289	5920	6566	56	53	53	68	72	60	208	193	209	236	189	207
22	7447	6150	6860	5859	6760	6615	55	52	53	67	69	59	180	200	210	220	187	200
110	6341	6707	6699	6208	6549	6501	57	52	55	67	66	59	202	175	215	243	191	205
136	7863	5983	7179	6372	5009	6481	58	53	54	68	69	60	195	193	209	245	182	205
139	7190	5775	7131	6671	6050	6563	57	52	55	66	67	59	195	198	218	254	204	214
182	8032	5396	6554	6121	6641	6549	55	51	52	67	67	58	196	173	201	235	189	199
212	7618	6234	7250	5952	7270	6865	57	52	52	67	65	59	201	188	208	234	182	202
242	7030	6074	6670	5976	4877	6125	56	54	53	68	70	60	187	198	212	233	192	204
248	8848	5903	6536	6616	5002	6581	56	52	54	65	67	59	200	193	228	255	188	213
SEL MEAN	7488	6004	6733	6393	5899	6503	56	52	53	67	68	59	197	191	213	240	190	206
POP MEAN	6653	4907	6332	5318	5777	5797	56	52	53	67	67	59	196	196	213	238	187	206
CHECK MEAN	6226	4419	5253	5590	2797	4857	57	54	55	74	47	57	197	198	223	270	136	205
BEST CHECK	7084	5223	6314	7267	6021	6382	56	53	55	68	36	53	190	203	220	256	245	223
CV	8.6	14.2	9.8	12.4	25.2	14.0												
LSD(5%)	1123	1366	1221	1305	2836	1570												

TABLE: 63-P-53 POPULATION: ETO X ILLINOIS TRIAL: '9TT 42

LOCATION IBOPERENDA BOLIVIA EXP. VARIETY: IBOPERENDA 8342

7CO-OPERATOR. ALBERTO HINOJOSA PADILLA

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT
26	10898	4	62	225	120	0.0	0.0	9.8	20.5	2.0	1.0	21.0	1.5
75	10313	12	62	220	120	0.0	0.0	18.3	19.5	1.0	1.0	20.0	1.3
94	10827	5	63	215	105	0.0	0.0	4.8	20.0	1.0	1.0	19.0	1.3
97	10626	7	62	230	125	0.0	0.0	13.9	20.0	1.0	1.0	20.5	1.1
102	10209	15	63	215	115	0.0	2.5	1.9	21.0	1.5	1.0	20.5	1.3
112	10392	10	61	225	120	0.0	0.0	14.7	19.0	2.0	1.0	19.5	1.3
160	12027	2	62	235	135	0.0	0.0	7.7	20.5	1.0	1.0	20.5	1.3
162	10166	16	63	210	110	2.4	0.0	12.4	21.0	1.5	1.0	21.0	1.0
206	13292	1	62	210	110	0.0	0.0	22.3	21.5	2.5	1.0	21.0	1.7
SEL MEAN	10972	-	62	221	118	0.3	0.3	11.8	20.3	1.5	1.0	20.3	1.3
POP MEAN	8084	-	62	224	123	0.7	0.4	17.8	19.3	1.9	1.1	19.2	1.1
POP RANGE	13292-	-	64-	255-	150-	7.5-	6.3-	45.6-	25.0-	3.0-	2.0-	22.0-	2.0-
	3918	-	58	175	70	0.0	0.0	0.0	11.5	1.0	1.0	12.0	0.8
CHECK MEAN	6683	-	64	243	135	2.6	1.1	10.8	15.3	1.5	1.2	15.8	1.2
BEST CHECK	8129	-	66	260	125	0.0	0.0	11.1	15.0	1.0	1.0	15.5	1.6
C.V.	19.3		1.4	6.2	10.4								
5% LSD	3080.3		1.7	27.5	25.1								

BEST CHECK: AMARILLO DENTADO IB OTHER CHECKS: CUBANO AMAR., AMARILLO CRIST., AMARILLO IBO., MEZCLA AMAR. IBO, AMARILLO BAJIO

TABLE: 64-P-83 POPULATION: ETO X ILLINOIS TRIAL: IPTT 42

LOCATION : PONTA GROSSA BRAZIL EXP. VARIETY: PONTA GROSSA 8342

9CO-OPERATOR: IAPAR

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT
21	11589	2	71	193	85	0.0	6.5	0.0	1.0	22.5	2.0	37.2	2.0
111	10434	16	71	195	85	0.0	0.0	2.3	1.0	22.5	2.5	31.0	1.5
121	10325	21	69	177	83	4.5	8.7	1.4	0.8	23.0	3.0	29.9	2.0
124	10378	19	68	182	83	0.0	0.0	2.0	0.8	21.0	1.5	40.8	2.0
160	10560	13	70	197	88	0.0	0.0	1.6	0.8	22.0	2.5	14.6	2.0
167	11549	3	71	213	73	0.0	0.0	0.0	1.0	22.0	2.5	22.4	1.0
181	10332	20	70	192	75	0.0	0.0	0.0	1.0	22.0	1.5	32.8	1.5
236	10469	14	69	194	83	0.0	0.0	0.0	1.5	22.0	2.0	21.1	1.0
240	10403	18	69	174	73	0.0	0.0	0.0	1.5	22.5	2.0	28.0	2.5
242	10634	11	69	202	88	0.0	0.0	0.0	0.8	21.0	3.0	41.3	1.5
SEL MEAN	10667	-	69	192	81	0.4	1.5	0.7	1.0	22.0	2.3	29.9	1.7
POP MEAN	8886	-	70	184	78	0.5	1.4	2.2	1.4	20.7	2.7	47.6	1.9
POP RANGE	11687-	-	76-	219-	100-	9.5-	28.9-	14.3-	3.5-	23.5-	4.5-	85.0-	3.0-
	5708	-	65	148	43	0.0	0.0	0.0	0.5	11.0	1.0	2.1	1.0
CHECK MEAN	10452	-	75	212	101	0.0	4.9	1.1	0.7	17.9	2.4	38.3	2.4
BEST CHECK	11432	-	75	222	120	0.0	0.0	0.0	0.8	18.0	2.5	47.5	2.0
C.V.	10.0		1.8	8.7	15.3								
5% LSD	1743.2		2.5	31.8	23.5								

BEST CHECK: C 511 OTHER CHECKS: P 6872, P 6872, AG 301, AG 301, C 511.

TABLE: 65-P-83 POPULATION: ETO X ILLINOIS TRIAL: IPTT 42

LOCATION : LAMBO TANZANIA EXP. VARIETY: LAMBO 8342

4CO-OPERATOR: NATIONAL MAIZE RESEARCH PROGRAMME

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC POLY	HELM	PLANTS HARV	EAR ASPCT	%BAD H. C.
70	8444	18	67	192	84	4.7	23.1	0.0	3.5	2.5	21.5	1.0	4.9
80	8484	15	68	196	98	16.7	7.1	6.2	2.5	2.5	21.0	1.0	5.6
84	8135	26	70	189	92	2.4	14.3	0.0	3.0	2.5	21.0	1.0	9.3
87	8879	4	69	187	94	0.0	4.9	2.3	1.5	2.5	20.5	1.0	9.1
96	8209	24	67	194	81	0.0	4.5	8.6	3.0	3.0	22.0	2.0	2.4
118	8751	7	68	201	96	0.0	4.8	0.0	3.0	3.0	21.0	1.5	5.0
158	8449	17	67	188	95	0.0	20.0	8.3	2.5	2.5	20.0	1.5	2.0
163	8463	16	70	202	102	2.3	7.5	0.0	3.0	3.0	21.0	1.5	8.6
193	9876	1	70	197	96	0.0	6.8	4.5	2.5	3.5	21.5	1.0	0.0
SEL MEAN	8632	-	68	194	93	2.9	10.3	3.3	2.7	2.8	21.1	1.3	5.2
POP MEAN	6818	-	68	190	90	2.9	21.3	3.5	2.5	2.9	20.4	1.7	5.4
POP RANGE	9876-	-	74-	246-	111-	24.6-	88.1-	16.1-	3.5-	4.0-	22.0-	2.5-	21.4-
	3923	-	64	155	69	0.0	0.0	0.0	1.5	1.5	14.5	1.0	0.0
CHECK MEAN	6893	-	75	221	115	2.5	18.1	2.9	2.0	2.3	19.2	2.2	4.7
BEST CHECK	8500	-	79	255	147	4.9	2.5	0.0	2.0	2.5	20.5	2.5	1.9
C. V.	16.3		1.9	6.2	8.1								
5% LSD	2185.5		2.5	23.2	14.5								

BEST CHECK: EV 8096 OTHER CHECKS: KILIMA, H 632, UCA, EH 8096 X 7992, EH 7842 X 8096

TABLE: 66-P-83 POPULATION: ETO X ILLINOIS TRIAL: IPTT 42

YEAR: 1983 EXP. VARIETY: ACROSS 8342

COUNTRY-SITE CODES

20712 - MEXICO	TLALTIZAPAN
10329 - BRAZIL	PONTA GROSSA
102 7 - BOLIVIA	IBOPERENDA
721 4 - TANZANIA	LAMBO

PROG	KG/HA					DAYS TO SILK					PLANT HEIGHT				
	20712	10329	10207	72104	MEAN	20712	10329	10207	72104	MEAN	20712	10329	10207	72104	MEAN
15	8871	11687	9752	7919	9557	62	70	62	68	65	225	204	215	188	208
21	8339	11589	9415	9119	9616	63	71	62	70	66	225	193	235	197	212
81	9432	9356	8336	8558	8921	61	70	62	68	65	228	187	200	197	203
111	7712	10434	9818	7445	8852	61	71	62	67	65	203	195	210	188	199
138	7951	10847	10419	7689	9226	63	71	62	69	66	217	196	230	188	208
160	7379	10560	12027	7846	9453	62	70	62	69	66	227	197	235	212	218
162	7882	9088	10166	7851	8747	61	69	63	68	65	220	188	210	198	204
170	9234	9378	9193	7816	8905	60	70	62	68	65	219	168	235	190	203
176	9271	9692	8710	8247	8980	62	72	62	69	66	234	196	230	210	218
193	7980	9518	9437	9876	9203	62	69	62	70	66	220	187	240	197	211
SEL MEAN	8405	10215	9727	8237	9146	62	70	62	68	66	222	191	224	196	208
POP MEAN	7328	8848	8117	6816	7777	62	70	62	68	65	216	184	223	189	203
CHECK MEAN	6707	10452	6683	6893	7684	61	73	64	73	69	211	212	243	221	221
BEST CHECK	7578	11432	8129	8500	8910	62	75	66	79	70	223	222	260	255	240
CV	12.5	10.0	19.3	16.3	14.5										
LSD(5%)	1806	1743	3080	2186	2204										

TABLE 67-P-83 POPULATION: TEMP AMAR CRIST. TRIAL: IPTT 46

LOCATION IBOPERENDA BOLIVIA EXP. VARIETY: IBOPERENDA 8346

CO-OPERATOR: ALBERTO HINOJOSA PADILLA

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	PLNTS GERM
46	8355	10	49	182	88	0.0	0.0	3.3	19.5	1.5	9.0	1.0	19.5
88	7969	16	51	195	102	0.0	0.0	8.3	20.5	1.0	12.1	1.0	20.5
90	8841	4	49	201	99	0.0	2.4	10.4	21.0	1.0	8.6	1.0	21.5
105	8526	8	51	190	97	0.0	0.0	11.1	21.0	1.5	9.8	1.0	21.0
140	7948	17	51	193	95	0.0	0.0	1.1	21.5	1.5	3.7	1.0	21.5
169	10141	1	51	193	107	2.3	0.0	5.1	21.0	1.0	4.2	1.5	21.0
195	8970	3	51	197	107	0.0	0.0	4.5	20.0	1.0	10.5	1.0	20.5
217	8216	12	50	184	99	0.0	0.0	4.3	17.5	1.0	7.9	1.0	17.5
231	7915	18	52	192	101	0.0	0.0	5.6	19.0	1.5	9.1	1.0	19.0
237	7969	15	53	191	104	0.0	0.0	1.4	20.0	1.0	8.7	1.0	20.0
SEL MEAN	8485	-	51	192	100	0.2	0.2	5.5	20.1	1.2	8.4	1.0	20.2
POP MEAN	6246	-	49	187	97	1.6	0.6	13.4	18.9	1.6	24.0	1.3	19.0
POP RANGE	10141-	-	56-	215-	121-	10.5-	8.3-	47.2-	24.0-	3.5-	75.4-	2.5-	23.0-
	3621	-	45	155	75	0.0	0.0	0.0	13.5	1.0	0.0	1.0	13.5
CHECK MEAN	5426	-	49	200	95	5.1	0.0	19.6	20.0	2.5	47.6	1.0	20.0
BEST CHECK	5426	-	49	200	93	5.1	0.0	19.6	20.0	2.5	47.6	1.0	20.0
C.V.	21.7		3.1	6.8	9.2								
5% LSD	2666.2		3.0	24.8	17.6								

BEST CHECK: CUBANO AMARILLO OTHER CHECKS: AMARILLO CRISTALINO, AMARILLO DENTADO, AMARILLO DENTADO 2, MEZCLA AMARILLA, AMARILLO BAJIO

TABLE: 68-P-83 POPULATION: TEMP AMAR CRISTALINO TRIAL: IPTT 46

LOCATION CRUZ ALTA BRAZIL EXP. VARIETY: CRUZ ALTA 8346

4CO-OPERATOR: FECOTRIGO

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT
14	2577	23	62	140	60	0.0	14.3	15.8	11.5	3.0	1.0
36	2646	21	66	140	55	0.0	5.0	4.2	15.6	3.0	1.1
58	3493	2	63	145	60	0.0	5.9	9.6	16.9	3.0	1.1
60	2814	10	64	145	70	0.0	0.0	9.5	14.3	3.5	1.1
71	2685	17	67	150	55	9.5	0.0	3.1	16.6	3.0	1.0
74	3203	4	62	160	60	2.8	0.0	2.5	15.7	3.0	1.1
134	2744	15	63	135	60	3.1	2.8	5.7	15.1	3.5	1.0
204	2603	22	68	150	65	0.0	0.0	3.6	16.1	3.0	1.0
210	2761	13	67	155	60	0.0	7.7	2.8	15.9	3.0	1.0
224	2923	8	67	130	60	3.1	7.5	4.8	18.1	3.0	1.1
SEL MEAN	2845	-	65	145	61	1.9	4.3	6.2	15.6	3.1	1.0
POP MEAN	1938	-	66	141	55	4.4	6.0	11.3	13.0	3.7	1.0
POP RANGE	3493-	-	77-	175-	75-	43.6-	48.3-	51.9-	19.6-	5.0-	1.5-
	863	-	58	110	35	0.0	0.0	0.0	6.5	2.0	0.7
CHECK MEAN	2687	-	78	188	73	0.8	0.8	0.9	11.6	5.0	1.0
BEST CHECK	3495	-	84	210	90	5.0	5.0	2.1	16.9	5.0	1.0
C.V.	27.9										
5% LSD	1064.0										

BEST CHECK: LOCAL CHECK-2 OTHER CHECKS: LOCAL CHECK1, LOCAL CHECK3, LOCAL CHECK4, LOCAL CHECK5, LOCAL

TABLE: 69-P-83 POPULATION: TEMP AMAR CRIST. TRIAL: IPTT 46

LOCATION : ISLAMABAD PAKISTAN EXP. VARIETY: ISLAMABAD (1) 8346

5CO-OPERATOR: NARC

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	ENDO HARD	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM
10	4188	82	52	178	75	5.6	0.0	3.0	17.5	2.0	11.4	2.0	18.0
44	4897	22	51	178	98	2.9	2.9	1.5	18.0	2.0	11.1	2.0	18.0
48	5235	15	51	185	80	0.0	0.0	3.5	18.5	2.0	10.8	2.0	18.5
76	6359	4	53	168	70	0.0	0.0	1.5	20.5	1.0	9.8	2.0	20.5
164	5055	18	53	173	83	6.7	0.0	3.0	22.5	2.0	8.9	2.0	22.5
233	3918	116	52	175	75	0.0	2.6	2.0	16.5	2.0	12.4	2.0	18.0
234	3285	199	53	153	65	0.0	0.0	3.0	13.5	2.0	15.0	2.0	14.0
237	5356	14	55	170	88	0.0	0.0	2.5	18.5	1.5	10.8	2.0	19.0
SEL MEAN	4787	-	52	172	79	1.9	0.7	2.5	18.2	1.8	11.3	2.0	18.6
POP MEAN	3842	-	52	172	78	11.1	1.8	2.6	17.3	2.2	12.4	2.0	18.0
POP RANGE	6735-	-	59-	223-	123-	67.6-	38.6-	4.5-	23.0-	3.5-	31.3-	2.5-	23.5-
	1248	-	45	130	43	0.0	0.0	1.5	7.5	1.0	8.7	2.0	8.5
CHECK MEAN	4957	-	52	179	79	19.3	3.0	3.9	21.7	2.1	9.4	2.0	22.2
BEST CHECK	6652	-	51	200	90	28.8	2.3	4.5	22.5	1.5	8.9	2.0	22.5
C. V.	19.5		4.0	8.5	18.7								
5% LSD	1476.5		4.1	28.8	28.6								

BEST CHECK: FAISAL OTHER CHECKS: SHAHEEN, AZAM, AFRAT, SUNEHRI, SHAHEEN

TABLE: 70-P-83 POPULATION: TEMP AMAR CRIST. TRIAL: IPTT 46

LOCATION : ISLAMABAD PAKISTAN EXP. VARIETY: ISLAMABAD 8346

SCO-OPERATOR: NARC

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	ENDO HARD	PLANTS HARV	EAR ASPCT	%BAD H. C	PLANT ASPECT	PLNTS GERM
11	4869	23	51	168	90	0.0	4.5	2.0	20.5	1.5	9.8	2.0	20.5
40	5144	17	51	175	93	3.1	0.0	2.5	16.0	2.0	12.5	2.0	16.0
46	5235	15	51	185	90	0.0	0.0	3.5	18.5	2.0	10.8	2.0	18.5
74	6735	1	52	173	80	5.0	0.0	3.0	20.5	1.5	9.9	2.0	21.0
76	6359	4	53	168	70	0.0	0.0	1.5	20.5	1.0	9.8	2.0	20.5
87	5505	10	53	183	85	2.6	0.0	2.0	20.5	1.5	9.8	2.0	20.5
93	5750	7	53	185	80	4.8	0.0	2.0	19.5	1.5	10.3	2.0	20.5
95	5372	13	53	173	80	7.9	2.6	2.5	19.0	2.0	10.5	2.0	19.5
164	5055	18	53	173	83	6.7	0.0	3.0	22.5	2.0	8.9	2.0	22.5
237	5356	14	55	170	88	0.0	0.0	2.5	18.5	1.5	10.8	2.0	19.0
SEL MEAN	5538	-	52	175	83	3.0	0.7	2.5	19.6	1.6	10.3	2.0	19.9
POP MEAN	3842	-	52	172	78	11.1	1.8	2.6	17.3	2.2	12.4	2.0	18.0
POP RANGE	6735-	-	59-	223-	123-	67.6-	38.6-	4.5-	23.0-	3.5-	31.3-	2.5-	23.5-
	1248	-	45	130	43	0.0	0.0	1.5	7.5	1.0	8.7	2.0	8.5
CHECK MEAN	4957	-	52	179	79	19.3	3.0	3.9	21.7	2.1	9.4	2.0	22.2
BEST CHECK	6652	-	51	200	90	28.8	2.3	4.5	22.5	1.5	8.9	2.0	22.5
C. V.	19.5		4.0	8.5	18.7								
5% LSD	1476.5		4.1	28.8	28.6								

BEST CHECK: FAISAL OTHER CHECKS: SHAHEEN, AZAM, AFRAT, SUNEHRI, SHAHEEN

TABLE: 71-P-83 POPULATION: TEMP AMAR CRISTALINO TRIAL: IPTT 46

YEAR: 1983 EXP. VARIETY: ACROSS 8346

COUNTRY-SITE CODES

20712	- MEXICO	TLALTIZAPAN
807 5	- PAKISTAN	ISLAMABAD
10334	- BRAZIL	CRUZ ALTA
102 7	- BOLIVIA	IBOPERENDA

PROG	KG/HA					DAYS TO SILK					PLANT HEIGHT				
	20712	80705	10334	10207	MEAN	20712	80705	10334	10207	MEAN	20712	80705	10334	10207	MEAN
4	4287	4784	2490	8509	5018	50	52	67	50	55	178	173	145	198	174
44	5247	4897	1521	6560	4556	52	51	68	46	54	174	178	140	184	169
48	4605	5235	1974	8355	5042	53	51	68	49	55	187	185	135	182	172
58	4520	4290	3493	8022	5081	53	56	63	49	55	176	158	145	186	168
76	3952	6359	2311	6337	4740	50	53	65	50	54	184	169	135	194	170
88	4116	4014	1987	7969	4521	54	54	69	51	57	188	138	155	195	169
105	3859	4701	1943	8526	4757	53	56	66	51	57	190	155	130	190	174
129	4391	4448	2230	6730	4450	49	47	60	48	51	181	158	125	198	165
136	4108	3834	2507	8674	4781	52	53	61	48	53	188	163	135	191	169
168	4779	5055	2740	7201	4944	53	53	67	50	56	182	173	130	184	167
SEL MEAN	4386	4762	2320	7688	4789	52	53	65	49	55	183	169	138	190	170
POP MEAN	3599	3815	1920	6265	3900	52	52	66	49	55	177	171	140	186	169
CHECK MEAN	3826	4957	2687	5426	4224	51	52	78	49	57	174	179	188	200	185
BEST CHECK	4738	6652	3495	5426	5078	51	51	84	49	59	184	200	210	200	198
CV	20.1	19.5	27.9	21.7	22.3										
LSD(5%)	1427	1477	1064	2666	1658										

TABLE: 72-P-83 POPULATION: BLANCO DENTADO TRIAL: IPTT 49

LOCATION : MASAYA NICARAGUA EXP. VARIETY: MASAYA 8349

3CO-OPERATOR HECTOR J. LIZARRAGA

PROG NO	KG/HA	RANK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT
19	4878	20	149	77	11.8	9.8	10.3	18.5	2.5	1.1
22	4802	22	155	82	2.6	5.3	6.0	19.0	2.5	0.9
59	4926	14	144	78	7.1	2.4	19.3	20.5	1.5	0.9
64	4911	15	133	60	12.5	2.9	2.8	18.5	2.0	1.0
66	5117	6	138	64	15.4	2.6	12.5	19.5	2.0	1.0
75	4732	24	134	73	13.2	0.0	14.8	20.0	2.0	1.0
107	4883	19	155	78	12.5	6.8	18.6	21.0	2.5	1.0
118	5126	5	146	72	5.3	4.5	20.2	20.5	2.0	0.9
182	5185	4	152	74	2.8	5.6	5.4	17.5	1.0	1.1
188	5014	9	149	79	5.3	2.5	24.7	19.0	2.5	1.0
SEL MEAN	4957	-	145	73	8.9	4.1	13.5	19.4	2.0	1.0
POP MEAN	3779	-	141	75	17.1	4.1	22.1	18.5	2.6	0.9
POP RANGE	5572-	-	168-	93-	49.3-	30.6-	75.3-	24.0-	4.0-	1.3-
	1556	-	110	52	0.0	0.0	0.0	12.0	1.0	0.5
CHECK MEAN	2947	-	171	113	8.7	15.1	28.0	23.1	3.3	0.9
BEST CHECK	3794	-	162	101	15.8	20.8	17.7	22.5	2.5	1.0
C.V.	20.8		5.8	9.4						
5% LSD	1546.2		16.1	13.9						

BEST CHECK: NB-100 (NICARAGUA) OTHER CHECKS: NB-3 (NIC.), NB-4 (NIC.), NB-5 (NIC.), XL-560 (NIC.), XL-670 (NIC.)

TABLE: 73-P-83 POPULATION: BLANCO DENTADO-2 TRIAL: IPTT 49

LOCATION : FUMESUA GHANA EXP. VARIETY: FUMESUA (1) 8349

7CO-OPERATOR: TWUMASI-AFRIYIE

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	HELM MAYD	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT
10	2606	63	52	153	67	13.0	6.7	3.0	7.7	19.0	3.5	13.6	3.0
13	2561	75	54	145	71	10.0	2.9	2.0	7.8	19.5	3.0	0.0	3.0
17	2914	25	53	160	75	0.0	0.0	2.0	7.9	19.0	2.5	2.6	2.5
42	3742	4	54	142	61	2.4	0.0	2.0	0.0	18.5	2.5	8.6	2.5
54	3772	3	53	145	69	23.1	5.6	2.0	2.5	18.0	3.5	6.3	3.0
98	2863	35	53	152	75	2.6	7.1	2.5	7.9	20.5	3.0	2.3	2.5
130	2879	31	53	155	68	15.5	8.7	2.0	2.5	19.5	4.0	2.5	2.5
171	2787	46	52	137	72	2.5	6.7	2.5	7.5	20.0	3.0	0.0	2.5
190	3979	2	53	164	73	13.9	0.0	2.0	2.8	18.0	2.5	8.3	2.5
242	3090	17	53	144	71	7.5	6.0	2.0	2.3	20.5	2.5	2.3	2.5
SEL MEAN	3119	-	53	150	70	9.1	4.4	2.2	4.9	19.3	3.0	4.7	2.7
POP MEAN	2255	-	53	150	69	15.4	6.7	2.1	5.6	18.8	3.5	4.5	3.2
POP RANGE	4324-	-	56-	184-	102-	54.8-	44.1-	3.0-	20.0-	22.0-	4.5-	20.8-	4.0-
	1027	-	50	127	50	0.0	0.0	2.0	0.0	13.5	2.0	0.0	2.0
CHECK MEAN	1948	-	54	165	89	22.5	3.7	2.3	9.0	17.2	3.8	5.8	3.1
BEST CHECK	2445	-	49	175	90	20.6	3.1	2.5	0.0	18.0	4.0	3.1	2.5
C.V.	31.6		2.3	7.7	12.1								
5% LSD	1402.0		2.4	22.9	16.5								

BEST CHECK: SATIFA 2 OTHER CHECKS: ELITE X EARLY MEX, MEX 8049, TUXP P-B.C16, MEX 17E, MARACAY

TABLE: 74-P-83 POPULATION: BLANCO DENTADO-2 TRIAL: IPTT 49

LOCATION ILONGA TANZANIA EXP. VARIETY: ILONGA 8349

CO-OPERATOR: NATIONAL MAIZE RESEARCH PROGRAMME

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT
49	3894	17	58	133	70	0.0	0.0	6.0	20.0	3.0	5.6	1.0
85	3905	15	59	115	58	3.6	0.0	5.5	16.0	2.5	2.5	1.0
117	4237	5	54	138	65	0.0	0.0	8.5	20.0	2.5	13.2	0.9
128	3897	16	58	138	68	0.0	0.0	4.0	21.5	2.0	0.0	0.9
153	4443	3	56	123	60	0.0	2.4	5.5	22.0	3.0	18.5	1.0
187	4163	6	55	128	50	4.5	0.0	6.0	21.5	2.5	19.8	0.9
192	4106	7	58	135	65	0.0	4.5	4.0	21.0	2.5	13.6	1.0
211	3956	14	60	135	58	0.0	2.5	1.0	21.5	3.0	0.0	1.0
221	5018	1	58	128	60	0.0	2.2	5.0	21.0	1.5	14.4	1.0
237	3892	18	59	138	68	0.0	7.9	2.0	19.5	2.5	7.9	1.0
SEL MEAN	4151	-	57	131	62	0.8	2.0	4.8	20.4	2.5	9.6	1.0
POP MEAN	2860	-	59	128	59	1.3	3.8	4.0	19.4	3.7	8.6	0.9
POP RANGE	5018-	-	66-	150-	80-	12.6-	21.4-	8.5-	22.0-	5.0-	45.9-	1.2-
	758	-	31	55	28	0.0	0.0	0.0	8.5	1.5	0.0	0.7
CHECK MEAN	2608	-	63	174	99	2.6	12.3	2.9	16.1	4.0	4.5	0.9
BEST CHECK	3537	-	50	135	60	2.4	2.4	3.0	21.5	3.5	4.8	1.0
C. V.	23.6		5.8	8.4	12.4							
5% LSD	1332.5		6.7	21.3	14.4							

BEST CHECK: KITO

OTHER CHECKS: ICW, STAHA, EV 8180, EV 7980, ACROSS EV 8276.

TABLE: 75-P-83 POPULATION: BLANCO DENTADO TRIAL: IPTT 49

LOCATION : RATTRAY-ARNOLD ZIMBABWE EXP. VARIETY: RATTRAY ARNOLD (1) 8349

1CO-OPERATOR

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLNTS GERM	EARS/ PLNT
25	8757	16	66	180	83	0.0	0.0	2.4	18.0	1.5	18.0	1.2
41	8666	17	68	195	105	0.0	0.0	9.5	21.5	2.0	21.5	1.0
47	10405	7	64	188	93	0.0	8.1	0.0	19.0	2.5	19.0	1.5
64	9055	12	62	185	85	0.0	0.0	4.9	18.0	1.5	18.0	1.2
75	8930	15	65	185	95	0.0	0.0	4.5	20.0	1.5	20.0	1.1
88	8571	23	66	175	93	0.0	0.0	12.7	18.5	1.5	18.5	1.1
106	9068	11	64	210	103	0.0	0.0	6.3	20.5	2.0	20.5	1.1
145	9110	10	61	193	110	0.0	0.0	2.4	17.0	2.0	17.0	1.2
146	8966	14	65	190	110	0.0	7.5	2.4	20.5	2.0	20.5	1.0
227	9257	9	64	178	95	0.0	0.0	0.0	19.0	2.0	19.0	1.3
236	9051	13	65	208	108	0.0	0.0	2.3	20.5	1.5	20.5	1.0
249	9431	8	68	203	110	0.0	0.0	4.9	17.0	1.0	17.0	1.2
SEL MEAN	9106	-	65	191	99	0.0	1.3	4.4	19.1	1.8	19.1	1.2
POP MEAN	7335	-	65	187	97	0.5	2.0	6.2	18.0	2.1	18.0	1.1
POP RANGE	10405-	-	69-	230-	130-	7.7-	50.0-	19.2-	21.5-	4.0-	21.5-	1.7-
	4411	-	60	155	65	0.0	0.0	0.0	12.0	1.0	12.0	0.7
CHECK MEAN	14138	-	65	248	134	1.9	22.5	11.4	19.4	2.0	19.4	1.1
BEST CHECK	17432	-	67	270	168	0.0	45.8	2.3	20.5	1.0	20.5	1.1
C.V.	12.0		1.5	7.3	11.1							
5% LSD	1726.1		1.9	27.1	21.3							

BEST CHECK: LOCAL CHECK 2 OTHER CHECKS: LOCAL CHECK 1, LOCAL CHECK 3, LOCAL CHECK 4, LOCAL CHECK 5, LOCAL CHECK 6

TABLE: 76-P-83 POPULATION BLANCO DENTADO TRIAL: IPTT 49

LOCATION RATTRAY-ARNOLD ZIMBABWE EXP. VARIETY: RATTRAY ARNOLD 8349

ICO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLNTS GERM	EARS/ PLNT
25	8757	16	66	180	83	0.0	0.0	2.4	18.0	1.5	18.0	1.2
47	10405	7	64	188	93	0.0	8.1	0.0	19.0	2.5	19.0	1.5
64	9055	12	62	185	85	0.0	0.0	4.9	18.0	1.5	18.0	1.2
67	8620	20	65	188	95	0.0	2.6	7.5	19.0	2.0	19.0	1.0
75	8930	15	65	185	95	0.0	0.0	4.5	20.0	1.5	20.0	1.1
108	9068	11	64	210	103	0.0	0.0	6.3	20.5	2.0	20.5	1.1
146	8966	14	65	190	110	0.0	7.5	2.4	20.5	2.0	20.5	1.0
224	8564	24	64	190	95	5.3	0.0	7.2	18.0	2.5	18.0	1.6
236	9051	13	65	208	108	0.0	0.0	2.3	20.5	1.5	20.5	1.0
SEL MEAN	9046	-	64	191	96	0.6	2.0	4.2	19.3	1.9	19.3	1.2
POP MEAN	7333	-	65	187	97	0.5	2.0	6.2	18.0	2.1	18.0	1.1
POP RANGE	10405-	-	69-	230-	130-	7.7-	50.0-	19.2-	21.5-	4.0-	21.5-	1.7
	4411	-	60	155	65	0.0	0.0	0.0	12.0	1.0	12.0	0.7
CHECK MEAN	14158	-	65	248	134	1.9	22.5	11.4	19.4	2.0	19.4	1.1
BEST CHECK	17432	-	67	270	168	0.0	45.8	2.3	20.5	1.0	20.5	1.1
C.V	12.0		1.5	7.3	11.1							
5% LSD	1726.1		1.9	27.1	21.3							

BEST CHECK: POZA RICA 8149 OTHER CHECKS: BL DENTADO 2, BL. DENTADO 2, POZA RICA 8149, TIWD (POOL 20), TIWD (POOL 20)

TABLE: 77-P-83 POPULATION: BLANCO DENTADO-2 TRIAL: IPTT 49

YEAR: 1983 EXP. VARIETY: ACROSS 8349

COUNTRY-SITE CODES

20710	- MEXICO	POZA RICA
208 3	- NICARAGUA	MASAYA
611 7	- GHANA	FUMESUA
726 1	- ZIMBABWE	RATTRAY-ASHOLD
721 1	- TANZANIA	ILONGA

PROG	KG/HA						DAYS TO SILK					PLANT HEIGHT					
	20710	20803	61107	72601	72101	MEAN	20710	61107	72601	72101	MEAN	20710	20803	61107	72601	72101	MEAN
19	7361	4878	4324	7854	4835	5850	54	52	64	59	57	163	149	177	180	148	163
25	6820	4373	1945	8757	4063	5192	56	54	66	58	58	154	164	149	180	133	156
29	5989	5115	1848	8110	4078	5028	53	52	62	57	56	153	131	135	188	140	149
64	6336	4911	1947	9055	3014	5052	55	53	62	60	58	146	133	152	185	118	147
75	6550	4732	2464	8930	2956	5126	56	54	65	61	59	152	134	166	185	133	154
85	6774	4435	3028	8074	3905	5243	55	51	65	59	57	152	145	157	180	115	150
113	6952	5408	2306	8559	3687	5362	56	53	68	62	59	168	139	166	178	138	158
117	7700	4610	2297	7419	4237	5252	55	53	63	54	56	149	148	159	193	138	157
221	6175	4153	2898	8340	5018	5317	56	54	66	58	58	149	132	144	190	128	149
227	8236	5572	3408	9257	3026	5900	56	54	64	61	59	166	153	170	178	138	161
SEL MEAN	6879	4819	2646	8435	3882	5332	55	53	64	59	58	155	142	158	184	133	154
POP MEAN	6061	3799	2262	7171	2866	4432	55	53	65	59	58	150	140	150	186	127	151
CHECK MEAN	6565	2947	1948	14158	2608	5645	55	0	54	65	63	162	171	165	248	174	184
BEST CHECK	7026	3794	2445	17432	3537	6847	56	0	49	67	50	156	162	175	270	135	180
CV	11.1	20.8	31.6	12.0	23.6	19.8											
LSD(5%)	1325	1546	1402	1726	1333	1466											

TABLE: 78-P-83 POPULATION: POP. 62(WHITE FL GPM) TRIAL: IPTT 62

LOCATION : U.P. LOS BANOS PHILIPPINES EXP. VARIETY: U.P. LOS BANOS 8362

2CO-OPERATOR

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	ENDO HARD	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT
6	6181	5	53	197	90	0.0	2.5	21.5	2.5	3.0	1.0
63	6127	8	54	181	82	5.3	3.0	21.0	2.0	2.5	1.0
120	6186	4	55	197	95	0.0	2.0	20.5	2.0	3.0	1.0
130	5988	17	54	171	85	0.0	3.0	18.0	2.0	2.0	1.0
138	5845	24	53	193	99	0.0	2.0	22.0	2.0	2.0	0.9
153	6077	11	52	194	99	2.3	2.0	21.0	2.5	3.5	1.0
171	6177	6	50	185	83	0.0	2.5	22.5	2.5	3.0	0.9
212	5860	23	52	178	77	0.0	2.0	21.0	3.0	3.0	1.0
221	5956	19	54	193	92	0.0	3.0	20.5	2.0	2.5	1.0
224	5986	18	51	182	87	0.0	2.5	20.5	3.0	2.5	1.0
SEL MEAN	6038	-	53	187	89	0.8	2.5	20.9	2.3	2.7	1.0
POP MEAN	4900	-	53	189	90	0.5	2.8	20.3	3.1	3.2	0.9
POP RANGE	6973-	-	56-	217-	121-	10.0-	4.0-	24.5-	4.0-	4.0-	1.1-
	3144	-	49	160	70	0.0	1.5	14.5	2.0	2.0	0.7
CHECK MEAN	2927	-	47	172	77	0.9	3.6	16.6	3.2	3.1	0.8
BEST CHECK	4712	-	49	179	86	0.0	4.5	22.5	3.5	3.5	0.7
C.V.	17.2		2.8	6.6	11.0						
5% LSD	1661.5		2.9	24.6	19.4						

BEST CHECK: LOCAL CHECK 1 OTHER CHECKS: LOC CHECK2, LOC CHECK3, LOC CHECK4, LOC CHECK5, LOC CHECK6.

TABLE: 79-P-83 POPULATION: POP. 62(WHITE FL GPM) TRIAL: IPTT 62

LOCATION : PALMIRA COLOMBIA EXP. VARIETY: PALMIRA 8362

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	ENDO HARD	PLANTS HARV	EAR ASPCT	%BAD H. C.
14	5387	17	66	203	106	0.0	0.0	9.8	2.5	1.0	19.5	3.0	49.0
18	6382	2	64	205	107	2.4	0.0	8.0	2.0	1.0	20.5	3.0	48.2
60	5236	28	64	195	108	2.8	0.0	2.5	2.0	2.0	19.5	3.0	56.3
63	5897	6	67	205	96	0.0	0.0	7.5	1.5	1.5	16.5	2.0	57.5
81	5865	8	65	214	111	0.0	0.0	4.2	2.5	2.5	18.5	2.5	69.2
84	5344	21	67	195	96	0.0	0.0	12.2	1.0	1.0	17.5	2.5	43.1
90	5511	14	66	212	108	0.0	0.0	5.3	1.5	2.5	20.0	2.5	67.1
116	5315	24	64	199	106	6.8	2.3	0.0	3.0	1.5	17.5	2.0	50.6
151	5887	7	65	219	104	0.0	0.0	11.3	2.5	1.0	19.5	2.5	62.7
178	5268	26	63	203	99	2.5	3.1	10.6	2.5	2.0	18.0	3.0	54.5
SEL MEAN	5609	-	65	205	104	1.5	0.5	7.1	2.1	1.6	18.7	2.6	55.8
POP MEAN	4212	-	65	198	97	2.2	0.9	12.0	2.3	1.7	16.8	3.1	57.9
POP RANGE	6382-	-	70-	236-	128-	15.4-	18.9-	30.0-	3.5-	3.5-	22.0-	4.5-	95.0-
	2394	-	60	157	59	0.0	0.0	0.0	1.0	1.0	11.5	2.0	26.7
CHECK MEAN	5293	-	68	203	109	2.7	1.2	11.7	1.9	1.8	15.3	2.8	50.2
BEST CHECK	6677	-	67	210	115	0.0	0.0	15.0	2.5	3.0	19.0	2.5	50.3
C.V.	18.6		2.8	7.1	13.4								
5% LSD	1545.7		3.6	27.8	25.6								

BEST CHECK: ICA V.258 OTHER CHECKS: ICA H.259, ICA H.260, ICA H.213, ICA H.211, MB.238 SIN.10 L

TABLE: 80-P-83 POPULATION: POP.62(WHITE FL GPM) TRIAL: IPTT 62

LOCATION : KINDIA GUINEA EXP. VARIETY: KINDIA 8362

2CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT
19	1916	25	62	125	55	0.0	0.0	22.0	2.0	2.0	22.0	1.0
39	1818	26	60	140	72	0.0	0.0	22.0	2.0	2.0	22.0	1.0
67	1671	49	64	136	64	0.0	0.0	22.0	3.0	3.0	22.0	1.0
81	1720	45	62	129	54	0.0	0.0	22.0	3.0	3.0	22.0	1.0
103	1818	30	62	135	63	0.0	0.0	22.0	3.0	2.0	22.0	1.0
138	1769	38	62	137	72	0.0	0.0	22.0	3.0	2.5	22.0	1.0
178	2310	11	61	144	60	0.0	0.0	22.0	3.0	2.0	22.0	1.0
208	1671	51	60	122	70	0.0	0.0	22.0	2.0	2.0	22.0	1.0
226	1818	35	59	145	77	0.0	0.0	22.0	2.0	1.0	22.0	1.0
249	2015	21	61	141	72	0.0	0.0	22.0	2.5	2.0	22.0	1.0
SEL MEAN	1853	-	61	135	66	0.0	0.0	22.0	2.5	2.2	22.0	1.0
POP MEAN	1487	-	62	130	62	1.3	0.1	21.7	3.8	3.7	21.8	1.0
POP RANGE	2555- 835	- -	66- 57	179- 98	90- 43	45.5- 0.0	10.0- 0.0	22.0- 17.5	5.0- 2.0	5.0- 1.0	22.0- 17.5	1.0- 1.0
CHECK MEAN	3957	-	60	194	99	1.6	0.0	21.8	3.9	3.8	22.0	1.0
BEST CHECK	4107	-	59	199	102	0.0	0.0	22.0	4.0	3.5	22.0	1.0
C.V.	10.1		1.5	10.2	9.8							
5% LSD	295.9		1.9	26.0	12.0							

BEST CHECK: LOCAL CHECK 1

OTHER CHECKS: LOC CHECK 2, LOC CHECK 3, LOC CHECK 4, LOC CHECK 5, LOC CHE

TABLE: 81-P-83 POPULATION: POP.63(BL DENT-1 GPM TRIAL: IPTT 63

LOCATION . ALAJUELA COSTA RICA EXP. VARIETY. ALAJUELA 8363

1CO-OPERATOR: CARLOS SALAS, KENNETH JIMENEZ

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PUCC POLY	ENDO HARD	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT
21	7096	26	66	210	100	13.4	2.0	2.0	1.5	21.5	2.0	20.7	0.9
41	7006	33	64	205	110	14.3	2.0	2.0	2.5	22.0	2.0	2.3	1.0
57	7352	14	67	200	110	30.0	2.0	2.5	2.0	20.5	3.0	9.9	1.0
69	7283	17	65	185	98	20.0	2.5	2.5	2.0	21.0	2.5	24.5	1.0
106	7111	25	65	205	115	22.4	2.0	3.0	2.0	21.0	2.5	11.8	1.0
112	7252	21	65	198	108	18.2	2.5	3.0	1.5	21.5	2.5	0.0	1.0
155	7277	18	67	210	98	31.3	2.0	3.0	2.0	21.0	3.0	4.8	1.1
159	7385	12	66	188	95	24.8	2.0	3.0	2.5	21.5	3.0	16.1	1.0
168	7547	6	64	200	103	23.2	2.0	3.0	2.0	22.0	2.5	15.9	1.0
216	7479	8	64	210	108	34.0	2.5	3.0	2.5	20.0	2.5	10.1	1.0
SEL MEAN	7279	-	65	201	104	23.2	2.2	2.7	2.0	21.2	2.5	11.6	1.0
POP MEAN	6234	-	66	198	102	35.6	2.1	3.0	2.0	20.9	3.1	17.6	1.0
POP RANGE	8229-	-	70-	240-	130-	72.1-	3.0-	4.0-	3.0-	22.0-	4.5-	80.5-	1.1-
	4696	-	60	173	73	9.5	1.5	2.0	1.0	16.5	2.0	0.0	0.8
CHECK MEAN	5456	-	69	204	106	30.5	2.0	3.1	1.8	20.5	3.1	8.8	0.9
BEST CHECK	6258	-	70	220	123	32.9	2.0	3.0	2.0	21.5	2.5	6.9	0.9
C.V.	12.1		2.0	6.6	11.3								
5% LSD	1489.2		2.6	25.9	22.6								

BEST CHECK: TICO V-7 OTHER CHECKS: PR 7437, PR 7843, TICO V-1-M, SALA BONI, B666.

TABLE: 82-P-83 POPULATION: POP.63(BL DENT-1 QPM TRIAL: IPTT 63

LOCATION : SUWAN THAILAND EXP. VARIETY: SUWAN 8363

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	LEAF DIS.	HUSK COVER	PLANTS HARV	EAR ASPCT
65	6399	34	50	208	105	18.2	9.1	0.0	0.0	2.5	2.5	22.0	2.0
121	6784	21	49	205	110	15.9	9.1	0.0	0.0	2.0	2.0	22.0	2.3
169	6663	22	50	218	110	29.5	6.8	2.4	0.0	3.0	2.5	22.0	2.0
181	7071	15	48	220	113	18.2	4.5	2.3	0.0	2.5	3.0	22.0	2.3
193	7605	8	49	215	108	22.7	9.1	0.0	0.0	2.5	3.0	22.0	2.0
196	7559	9	48	218	113	13.6	11.4	0.0	0.0	3.0	3.0	22.0	2.3
217	7845	6	51	231	112	4.5	15.9	0.0	0.0	3.0	2.5	22.0	2.0
226	6546	27	51	216	103	11.4	4.5	2.6	2.3	2.5	3.0	22.0	2.3
239	7132	13	51	223	110	22.7	9.1	2.3	0.0	2.5	3.0	22.0	2.3
242	6447	32	49	190	95	22.7	4.5	7.0	0.0	2.0	3.0	22.0	2.3
SEL MEAN	7005	-	49	214	108	17.9	8.4	1.7	0.2	2.5	2.8	22.0	2.2
POP MEAN	5251	-	50	204	104	43.2	9.5	8.2	0.1	3.2	3.1	21.8	2.9
POP RANGE	8651-	-	53-	245-	133-	86.4-	22.7-	43.5-	6.8-	4.5-	4.5-	22.0-	4.0-
	2191	-	47	158	73	4.5	4.5	0.0	0.0	2.0	2.0	19.0	2.0
CHECK MEAN	5737	-	50	208	118	29.6	6.6	4.9	0.0	2.8	2.7	21.3	2.7
BEST CHECK	8969	-	50	228	133	11.8	7.0	0.0	0.0	2.0	2.5	21.5	2.0
C.V.	14.2		1.9	8.8	10.3								
5% LSD	1471.6		1.9	35.2	21.0								

BEST CHECK: SUWAN 1-C8 OTHER CHECKS: THAI OPAQUE #3, THAI OPAQUE #4, THAI OPAQUE #5, K.U.02 COMP, SU

TABLE: 83-P-83 POPULATION: POP.63(BL DENT-1 GPM TRIAL: IPTT 63

YEAR: 1983 EXP. VARIETY: ACROSS 8363

COUNTRY-SITE CODES

203 1	- COSTA RICA	ALAJUELA
205 2	- GUATEMALA	LA MAGUINA
20611	- HONDURAS	LAS ACACIAS
20710	- MEXICO	POZA RICA
914 1	- THAILAND	SUWAN
205 6	- GUATEMALA	SAN JERONIMO

PROG	KG/HA							DAYS TO SILK							PLANT HEIGHT					
	20301	20502	20611	20710	91401	20506	MEAN	20301	20502	20611	20710	91401	20506	MEAN	20301	20502	20611	20710	91401	20506
2	5872	6262	6540	8480	6303	8455	6985	67	52	53	57	52	64	57	190	213	265	211	210	237
56	7111	5729	8561	7319	5865	9604	7365	69	54	54	58	53	66	59	205	238	275	220	230	244
101	6756	6104	6164	7046	5914	9564	6925	67	51	52	56	50	63	56	198	215	243	195	218	250
103	6674	6358	6341	8061	5677	8797	6985	70	52	53	58	51	65	58	200	220	245	214	203	238
113	7422	5211	7627	6851	5712	9416	7040	64	51	52	57	50	64	56	203	213	240	194	210	253
121	6406	5974	6532	7234	6784	9011	6990	64	49	50	55	49	61	55	205	208	252	210	205	258
124	8229	6034	6820	7661	5699	9301	7291	68	50	53	57	51	64	57	208	205	246	214	205	251
172	5410	6151	7942	6882	7006	9274	7111	68	51	53	58	49	64	57	205	215	235	210	206	241
203	6285	5744	8391	7339	6049	9252	7177	65	49	51	56	48	62	55	193	210	264	204	235	244
239	6335	5765	6259	7794	7132	9413	7116	68	51	54	56	51	62	57	190	228	243	218	223	252
SEL MEAN	6650	5933	7118	7467	6214	9209	7098	67	51	52	57	50	63	57	200	216	251	209		
POP MEAN	6253	5378	6215	6643	5240	7935	6277	66	50	52	57	50	62	56	198	212	244	204		
CHECK MEAN	5456	4546	5822	7124	5737	7911	6099	69	53	53	58	50	62	58	204	218	258	195		
BEST CHECK	6258	6185	8185	8015	8969	8643	7709	70	51	54	58	50	64	58	220	203	290	178		
CV	12.1	12.8	16.8	9.7	14.2	12.3	13.0													
LSD(5%)	1489	1350	2055	1266	1472	1918	1592													

TABLE· 84-P-83 POPULATION: POP.65(YL FL GPM) TRIAL: IPTT 65

LOCATION : EL VALLECITO BOLIVIA EXP. VARIETY: VALLECITO 8365

9CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	ENDO HARD	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT
27	7176	10	61	160	75	10.0	32.5	4.9	1.0	18.0	1.5	3.5	1.2
29	7370	4	58	155	80	12.4	12.9	2.6	1.0	20.0	1.5	3.0	1.0
31	7079	11	61	160	80	2.8	27.8	7.4	1.5	18.5	2.0	3.5	1.1
32	6982	18	61	155	85	2.2	4.3	0.0	1.5	21.5	1.5	3.5	0.9
35	7079	12	62	145	70	2.4	2.4	5.3	1.5	19.0	1.5	4.0	1.0
46	6885	24	61	155	80	2.4	28.6	5.0	2.0	20.0	2.0	3.5	0.9
50	6885	25	60	150	70	7.5	25.0	5.4	1.0	17.0	2.0	3.5	1.1
140	7273	7	60	160	80	2.6	26.3	4.4	2.0	18.0	2.0	3.5	1.3
145	6982	20	63	160	80	2.5	30.0	2.3	1.5	18.5	2.0	3.5	1.1
205	7273	8	61	150	70	4.3	28.3	2.6	2.0	21.5	2.0	3.5	1.0
SEL MEAN	7098	-	61	155	77	4.9	21.8	4.0	1.5	19.2	1.8	3.5	1.1
POP MEAN	5844	-	61	154	78	4.6	24.6	5.7	1.9	18.4	2.4	3.5	1.0
POP RANGE	8146-	-	67-	190-	95-	20.5-	61.4-	26.2-	3.5-	22.0-	3.5-	4.0-	1.5-
	4073	-	41	135	60	0.0	0.0	0.0	1.0	12.0	1.5	2.0	0.7
CHECK MEAN	5172	-	63	155	78	2.1	23.3	8.9	2.4	18.4	2.7	3.0	0.9
BEST CHECK	5527	-	61	135	65	5.1	5.3	0.0	2.5	19.5	2.5	3.0	0.9
C.V.	15.3		4.4	6.0	9.4								
5% LSD	1761.5		5.2	18.3	14.5								

BEST CHECK: LOCAL CHECK 5 OTHER CHCEKS: LOC CHECK 1, LOC CHECK 2, LOC CHECK 3, LOC CHECK 4, LOC CH

TABLE: 85-P-83 POPULATION: POP. 65(YL FL GPM) TRIAL: IPTT 65

LOCATION : PALMIRA COLOMBIA EXP. VARIETY: PALMIRA 8365

1CO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	ENDO HARD	PLANTS HARV	EAR ASPCT	%BAD H. C.
42	5419	21	62	248	125	8.2	2.9	8.5	2.5	1.5	18.0	2.5	19.7
82	5280	26	66	234	113	0.0	2.6	11.7	2.0	1.5	17.0	2.5	13.9
87	5606	16	62	247	125	0.0	5.9	2.4	2.5	1.0	17.5	2.0	11.1
91	5379	24	64	243	128	2.4	0.0	6.3	1.5	2.0	20.5	2.5	9.8
133	5791	10	64	245	139	5.3	0.0	11.0	2.0	1.0	19.0	2.0	11.9
136	5774	11	65	260	125	0.0	2.8	4.2	2.5	1.0	19.5	2.0	7.9
149	5405	22	67	241	124	2.3	0.0	7.6	2.0	2.0	19.0	3.0	5.4
152	6089	5	65	248	130	2.6	0.0	10.8	1.5	1.0	20.5	2.0	14.4
161	5618	15	63	245	113	0.0	2.4	7.9	2.0	1.0	19.5	3.0	19.8
172	6971	1	63	233	133	2.6	2.5	8.5	2.5	1.0	19.5	2.5	15.3
SEL MEAN	5733	-	64	244	125	2.3	1.9	7.9	2.1	1.3	19.0	2.4	12.9
POP MEAN	4154	-	66	241	128	3.1	2.6	17.4	2.7	1.4	17.8	3.0	17.4
POP RANGE	6971-	-	71-	278-	.70-	25.0-	14.7-	41.7-	5.0-	3.5-	22.0-	4.5-	43.1-
	1741	-	61	214	98	0.0	0.0	2.4	1.5	1.0	12.5	2.0	0.0
CHECK MEAN	5048	-	68	249	134	5.0	4.6	8.2	2.0	1.0	14.4	2.9	14.8
BEST CHECK	5999	-	68	253	138	0.0	0.0	4.9	1.5	1.0	16.0	2.5	9.4
C. V.	21.2		2.7	4.7	10.3								
5% LSD	1732.5		3.4	22.6	26.0								

BEST CHECK: ICA H. 213 OTHER CHECKS: MB 238 SIN. 10L. S2, ICA V. 258, ICA H. 259, ICA H. 260, ICA H.

TIMELINE: 886 PP 883 PROGRAMMATION: PROP. 6493 (VYL FEL GRPM) TRIPAL: IPPTTT 685

LOCOMOTION: LIAA MOOLINMA (ED) PEBRU EBOPP. VARRIERTAY: LIAA MOOLINMA 8876455

1000-EMBERATOR ANTONIO MANNARIDUE OFH JORGE NAMAMCTOO NN

FINRIOG NOO	HOOYMA	FRANAK	DOAYES SETLIAK	PRUNTT HTT	EBMAR HTT	SETEEM LIOOOG	ROOOT LIOOOG	YEBMAR ROOT	PRUANTES HMRW	EBMR ABBROOT	EBMRBT/ PRUNTT
55	446022	88	783	2001	1111	55.66	00.00	44.55	111.22	22.00	11.22
111	486786	77	783	1594	986	00.00	00.00	77.11	66.11	11.00	11.11
221	441900	159	782	1882	1001	33.66	00.00	00.00	192.22	22.00	11.00
283	441583	188	785	1774	1000	00.00	00.00	44.22	100.77	22.00	11.00
1127	46886	99	785	1882	1002	00.00	00.00	33.88	194.44	22.00	11.11
1332	448883	156	783	1596	1005	00.00	00.00	77.11	99.11	22.00	11.11
1335	483985	133	785	1788	799	00.00	00.00	44.55	156.00	22.00	00.99
1580	531006	44	741	1882	921	00.00	00.00	00.00	99.33	22.00	11.11
2233	444641	111	783	1585	988	00.00	55.00	33.33	100.88	22.00	11.44
2235	447223	66	783	1884	1001	33.33	00.00	33.11	77.66	22.00	11.00
SEEL MEDIAN	465223	—	783	1884	988	11.33	00.55	33.88	100.77	11.99	11.11
PROP MEDIAN	224553	—	782	1846	777	11.33	11.33	77.77	88.88	22.33	11.11
PROP RANGE	446788-	—	799-	2226-	1102-	280.00-	397.58-	488.88-	177.66-	33.55-	22.55-
	00	—	00	00	00	00.00	00.00	00.00	00.55	00.00	00.66
OBBOOK MEDIAN	170088	—	785	741	491	22.44	00.00	44.44	66.44	11.99	11.22
BREIT OBBOOK	228774	—	980	00	00	00.00	00.00	00.00	66.00	22.00	11.68
CC.W.	462.44		46.66	133.11	152.66						
55% USED	228177.66		66.55	397.77	159.00						

BREIT OBBOOK: 1527001226 (NORMAL ABM) OTHER OBBOOKS: RMSG-2246, RMSG-2267, RM4-7001, RM4-2192, 1778001774.

TABLE: 87-P-83 POPULATION: POP.65(YL FL GPM) TRIAL: IPTT 65

LOCATION : GUARARE PANAMA EXP. VARIETY: GUARARE 8365

7CO-OPERATOR. ALFONSO ALVARADO

PROG NO	KG/HA	RANK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT
23	3043	11	175	89	13.9	17.3	18.0	2.5	5.6	1.0
32	3822	1	180	81	10.0	14.6	20.0	3.0	12.4	1.0
117	2870	19	178	81	12.9	14.9	19.5	3.0	10.4	0.8
130	3114	8	177	68	17.6	23.6	17.0	2.5	11.8	0.9
134	2927	17	162	66	10.6	20.3	20.0	2.5	10.1	0.9
169	3330	5	165	81	10.3	14.4	19.5	3.0	12.6	0.9
173	3213	7	160	75	9.9	19.8	19.5	2.0	13.1	0.9
177	3098	9	159	77	6.3	20.6	16.0	2.5	12.2	1.0
207	2974	15	182	66	17.9	25.9	17.0	2.5	6.0	0.9
218	3427	3	189	90	7.8	21.3	19.0	3.0	8.1	0.8
SEL MEAN	3182	-	173	77	11.7	19.3	18.5	2.7	10.2	0.9
POP MEAN	2347	-	161	71	12.1	31.7	17.0	3.0	11.0	0.8
POP RANGE	3822-	-	190-	100-	33.0-	86.2-	21.5-	4.5-	26.8-	1.3-
	1065	-	133	48	0.0	0.0	12.0	2.0	2.4	0.5
CHECK MEAN	1615	-	164	74	19.5	32.3	10.8	3.0	26.0	0.9
BEST CHECK	2598	-	170	76	16.1	9.5	14.0	2.5	23.3	0.8
C.V.	21.7		8.8	17.0			15.0			
5% LSD	1004.7		27.9	23.8			5.0			

BEST CHECK: POZA RICA 7931 OTHER CHECKS: ACROSS 7728, X-304C, X-5800, XL 670, TOC-7428.

TABLE: 88-P-83

POPULATION: POP. 65(YL FL GPM)

YEAR: 1983

TRIAL: IPTT 65

EXP VARIETY: ACROSS 8365

COUNTRY-SITE CODES

20710 - MEXICO	POZA RICA
209 7 - PANAMA	GUARARE
105 1 - COLOMBIA	PALMIRA
102 9 - BOLIVIA	EL VALLECITO
11011 - PERU	LA MOLINA (2)

PROG	KG/HA						DAYS TO SILK					PLANT HEIGHT					
	20710	20907	10501	10209	11011	MEAN	20710	10501	10209	11011	MEAN	20710	20907	10501	10209	11011	MEAN
11	6112	2664	4762	6691	4696	4985	57	67	62	73	65	208	157	252	160	194	194
16	6400	2621	4636	6497	1785	4388	56	66	61	73	64	200	158	243	160	164	185
29	6676	2225	4559	7370	3423	4850	57	69	58	76	65	211	175	237	155	176	190
35	6206	2155	5109	7079	2169	4543	55	65	62	72	63	201	147	235	145	176	181
42	6027	2669	5419	6982	2144	4648	53	62	57	72	61	193	164	248	160	178	189
139	6908	2849	5115	6012	2480	4673	56	66	57	74	63	192	156	242	150	148	
140	5838	3422	6160	7273	3763	5291	56	66	60	74	64	190	160	258	160	177	189
143	6098	2495	4982	6400	1572	4309	59	65	63	75	65	202	174	226	155	114	174
149	6514	2527	5405	6691	2058	4639	56	67	61	75	65	195	162	241	160	183	188
207	6205	2974	5394	6206	3227	4801	54	65	62	73	63	209	182	245	160	179	195
SEL MEAN	6298	2660	5154	6720	2732	4713	56	66	60	74	64	200	163	242	157	154	183
POP MEAN	5552	2364	4132	5860	2676	4117	57	65	61	72	64	198	161	241	154	148	180
CHECK MEAN	5608	1615	5048	5172	1708	3830	57	0	68	63	75	193	164	249	155	71	166
BEST CHECK	7081	2598	5999	5527	2294	4700	58	0	68	61	90	184	170	253	135	0	185
CV	9.8	21.7	21.2	15.3	42.4	22.1											
LSD(5%)	1075	1005	1733	1762	2218	1558											

TABLE: 124-V-83

EVT12 YEAR 1983 ARGENTINA BUENOS AIRES

CO-OPERATOR: CRIADERO MORGAN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PUCC	PLANTS HARV	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
12 Santa Rosa 8073	2305	90	205	99	15.4	1.3	2.3	36.5	4.5	2.3	0.7	13.1
7 Poza Rica 8129	2202	86	191	94	4.2	0.7	2.8	35.5	6.1	3.3	0.8	14.2
8 Ferke 8129	2163	84	194	105	9.0	1.4	2.3	36.3	9.8	3.5	0.8	14.8
9 Ferke (1) 8129	2127	83	200	95	13.5	0.0	2.0	32.0	7.7	3.3	0.9	14.3
13 Across 7622 RE	1987	78	193	103	8.9	0.0	2.0	34.5	13.0	3.0	0.7	14.0
4 Rattray_arnld(1)8121	1922	75	208	110	7.4	0.0	2.8	35.5	11.0	2.8	0.8	16.8
14 Across 7729 RE	1917	75	195	94	10.6	0.7	2.8	33.3	12.0	3.3	0.7	16.0
10 Ilonga 8043	1829	71	195	89	17.6	0.0	2.3	36.5	10.2	3.3	0.7	15.6
6 Qandajika 8022	1764	69	190	96	5.9	1.3	2.0	35.8	4.7	3.5	0.8	16.4
11 Kwadaso 8043	1700	66	191	84	9.5	0.6	2.5	37.0	0.0	3.5	0.6	13.6
2 Omonita (1) 8121	1639	64	193	89	14.8	0.0	2.0	33.0	2.1	3.0	0.7	16.7
1 Jardinopolis 8121	1630	64	194	98	7.5	2.0	2.0	36.8	12.5	3.5	0.7	14.7
5 Across 8121	1622	63	200	98	10.9	1.4	2.5	35.5	3.8	3.3	0.7	15.1
3 Poza Rica 8121	1218	48	206	104	10.3	1.3	2.3	34.8	15.1	3.8	0.7	14.6
MEANS	1859	73	197	97	10.4	0.8	2.3	35.2	8.0	3.2	0.7	15.0
MAXIMUM	2305	90	208	110	17.6	2.0	2.8	37.0	15.1	3.8	0.9	16.8
MINIMUM	1218	48	190	84	4.2	0.0	2.0	32.0	0.0	2.3	0.6	13.1
CHECKS (TESTIGOS):												
16 CARGILL TRIHIB 81	2560	-	193	95	13.8	1.4	2.5	35.0	9.6	3.5	0.8	16.9
15 MORGAN 400	2273	-	179	81	15.7	0.7	2.5	33.8	8.2	4.3	0.9	19.5
CHECK MEANS	2416	-	185	88	14.7	1.0	2.5	34.4	8.9	3.9	0.9	18.2
5% LSD	550.4		9.3	9.5				4.4				
C.V.	20.0		3.3	7.0				8.7				

TABLE. 125-V-83

EVT12 YEAR 1983 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	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
6 Gandajika 8022	11236	125	67	235	135	0.6	0.0	12.1	42.0	1.5	1.5	84.3	1.2	21.2
11 Kwadaso 8043	11209	125	68	283	173	0.6	0.0	15.6	40.0	1.0	1.0	75.0	1.3	22.2
10 Ilonga 8043	10654	119	68	255	150	0.6	0.0	15.4	41.5	1.3	1.5	79.8	1.1	22.3
8 Ferke 8129	10375	116	67	235	134	0.6	0.0	18.2	38.3	1.8	1.3	79.3	1.2	22.0
1 Jardinopolis 8121	10303	115	68	255	148	0.0	0.0	10.8	38.5	1.3	1.3	79.0	1.2	21.5
5 Across 8121	10249	114	68	253	138	0.0	0.0	16.6	40.5	1.8	1.3	82.0	1.2	22.2
13 Across 7622 RE	10140	113	67	238	139	1.2	0.0	12.9	41.8	1.5	1.3	84.8	1.2	22.6
7 Poza Rica 8129	10080	112	66	230	128	0.0	0.0	11.5	42.5	2.0	1.5	84.0	1.1	20.8
12 Santa Rosa 8073	9842	110	67	248	143	0.0	0.0	16.1	40.0	2.3	1.3	80.0	1.2	22.5
4 Rattray_arnld(1)8121	9685	108	68	250	140	0.6	0.0	12.4	40.0	1.0	1.5	80.5	1.1	22.2
14 Across 7729 RE	9542	106	68	240	135	0.6	0.0	16.5	40.3	2.3	1.5	83.0	1.2	21.3
3 Poza Rica 8121	9504	106	67	240	138	0.0	0.0	17.5	40.8	1.8	1.5	82.3	1.2	22.8
2 Omonita (1) 8121	8995	100	66	263	158	1.4	0.0	23.2	38.8	1.5	1.3	78.5	1.1	22.3
9 Ferke (1) 8129	8928	100	68	253	138	0.0	0.0	9.2	41.5	1.3	1.5	82.0	1.1	21.1
MEANS	10053	112	67	248	142	0.4	0.0	14.9	40.4	1.6	1.4	81.1	1.2	21.9
MAXIMUM	11236	125	68	283	173	1.4	0.0	23.2	42.5	2.3	1.5	84.8	1.3	22.8
MINIMUM	8928	100	66	230	128	0.0	0.0	9.2	38.3	1.0	1.0	75.0	1.1	20.8
CHECKS (TESTIGOS):														
15 TUXP.P.B. IBOP	8962	-	67	250	145	0.0	0.0	12.3	30.3	1.3	1.0	61.5	1.2	23.0
16 LA POSTA IBOP	8710	-	69	268	165	0.0	0.0	8.3	28.5	1.0	1.0	59.5	1.2	23.0
CHECK MEANS	8836	-	68	258	155	0.0	0.0	10.3	29.4	1.1	1.0	60.5	1.2	23.0
5% LSD	1659.6		1.9	22.7	18.3				3.0					2.6
C.V.	11.8		2.0	6.4	8.9				5.4					8.3

TABLE: 126-V-83

EVT12 YEAR 1983 BRAZIL BARRETOS

CO-OPERATOR: DEKALB

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
6 Gandajika 8022	6173	92	61	218	117	31.3	7.1	4.1	42.5	1.0	18.1
10 Ilonga 8043	6140	92	61	230	126	17.1	21.7	5.0	42.0	1.0	16.4
3 Poza Rica 8121	6127	92	61	231	122	22.4	4.8	3.6	42.3	1.0	17.0
5 Across 8121	6024	90	61	227	121	26.5	10.1	6.0	42.5	1.0	18.1
11 Kwadaso 8043	5970	89	61	241	131	28.3	24.5	5.1	43.3	0.9	16.9
9 Ferke (1) 8129	5966	89	61	216	118	25.3	14.6	6.3	42.0	1.0	16.9
4 Rattray_arnld(1)8121	5938	89	61	230	119	26.2	26.2	5.7	42.0	0.9	17.2
7 Poza Rica 8129	5906	88	60	212	109	23.6	14.9	4.0	41.3	1.0	16.4
1 Jardinopolis 8121	5886	88	61	224	117	25.1	12.8	2.2	42.8	0.9	16.5
14 Across 7729 RE	5757	86	61	222	119	38.2	6.1	4.5	41.0	1.0	16.8
13 Across 7622 RE	5629	84	60	220	119	30.0	8.0	7.4	40.8	1.0	17.9
2 Omonita (1) 8121	5585	84	61	221	115	20.3	18.6	3.2	44.0	0.9	16.1
8 Ferke 8129	5539	83	60	214	114	28.4	16.9	2.5	39.5	1.0	16.8
12 Santa Rosa 8073	5313	80	60	230	128	32.8	29.8	5.6	42.3	0.9	16.5
MEANS	5854	88	61	224	120	26.8	15.4	4.7	42.0	1.0	17.0
MAXIMUM	6173	92	61	241	131	38.2	29.8	7.4	44.0	1.0	18.1
MINIMUM	5313	80	60	212	109	17.1	4.8	2.2	39.5	0.9	16.1
CHECKS (TESTIGOS)											
16 LOCAL CHECK 2	6680	-	60	248	142	22.3	22.9	1.7	39.3	1.1	16.1
15 LOCAL CHECK 1	4402	-	60	221	120	32.7	45.6	3.3	39.5	1.0	16.2
CHECK MEANS	5541	-	60	234	131	27.5	34.2	2.5	39.4	1.1	16.1
5% LSD	745.8		0.6	10.3	9.4				2.9		1.8
C.V.	9.0		0.8	3.2	5.4				4.9		7.6

TABLE: 127-V-83

EVT12 YEAR 1983 BRAZIL PARANA

CO-OPERATOR: OCEPAR

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	PLNTS GERM	EARS/ PLNT	MOIST %
5 Across 8121	6080	118	75	208	118	6.4	0.7	11.5	4.0	39.5	2.3	80.8	0.9	21.9
3 Poza Rica 8121	5941	115	75	204	114	6.3	0.0	13.6	4.0	41.3	3.0	80.0	0.9	21.9
12 Santa Rosa 8073	5933	115	72	201	116	12.8	6.8	6.2	4.0	41.0	2.3	81.8	1.0	20.8
6 Gandajika 8022	5731	111	75	194	104	6.4	0.0	11.5	4.0	39.5	2.5	77.8	0.9	22.6
7 Poza Rica 8129	5672	110	71	184	96	4.3	0.0	5.3	4.0	40.0	2.5	82.3	0.9	21.4
4 Rattray_arnld(1)8121	5554	108	74	211	109	3.2	1.2	9.4	4.0	39.3	2.8	81.8	0.9	22.8
13 Across 7622 RE	5428	105	72	193	109	7.2	1.4	6.0	4.0	37.0	2.5	80.0	1.0	21.6
11 Kwadaso 8043	5106	99	75	206	120	4.0	1.9	11.3	4.0	38.0	2.3	79.8	0.9	22.4
8 Ferke 8129	5026	97	74	180	93	5.8	2.7	12.1	4.0	38.5	2.8	79.8	0.9	22.6
9 Ferke (1) 8129	4964	96	74	191	100	6.3	0.0	3.0	4.0	33.3	2.3	74.8	1.0	22.0
1 Jardinopolis 8121	4929	95	74	200	103	7.5	1.4	5.9	4.0	37.5	2.5	78.8	0.9	22.3
10 Ilonga 8043	4788	93	75	206	110	5.2	2.0	7.6	4.0	38.5	2.5	79.3	0.9	22.1
14 Across 7729 RE	4653	90	75	181	95	6.0	0.8	5.9	4.0	36.8	3.0	76.8	0.9	20.8
2 Omonita (1) 8121	4555	88	74	199	104	5.7	0.6	8.7	4.0	40.0	2.0	83.5	0.8	22.5
MEANS	5311	103	74	197	106	6.2	1.4	8.4	4.0	38.6	2.5	79.8	0.9	22.0
MAXIMUM	6080	118	75	211	120	12.8	6.8	13.6	4.0	41.3	3.0	83.5	1.0	22.8
MINIMUM	4555	88	71	180	93	3.2	0.0	3.0	4.0	33.3	2.0	74.8	0.8	20.8
CHECKS (TESTIGOS):														
15 PIRANAO VD-2	5163	-	77	178	95	5.3	4.7	7.6	4.0	37.5	2.5	79.0	0.9	22.8
16 COMP PLTA BAIXA DEN	5117	-	75	201	105	10.6	4.6	3.0	4.0	38.0	2.5	78.0	0.9	22.3
CHECK MEANS	5140	-	76	189	100	8.0	4.7	5.4	4.0	37.8	2.5	78.5	0.9	22.5
5% LSD	1223.4		1.0	22.2	22.7					4.1				1.1
C.V.	16.2		0.9	8.0	15.1					7.6				3.6

TABLE: 128-V-83

EVT12 YEAR 1983 BRAZIL COTRI JUI

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 %
12 Santa Rosa 8073	5522	120	94	210	139	15.1	1.8	3.3	41.5	2.8	29.4	3.5	1.1	14.0
9 Ferke (1) 8129	5020	109	92	185	120	3.2	0.0	2.3	39.5	2.8	23.7	2.5	1.1	13.7
1 Jardinopolis 8121	4907	107	95	195	134	0.0	4.5	7.3	39.3	3.3	24.8	3.0	1.1	13.8
8 Ferke 8129	4801	104	92	174	119	2.6	2.6	2.4	38.5	3.3	25.4	3.0	1.1	13.5
14 Across 7729 RE	4759	104	91	175	111	6.8	10.3	2.3	40.5	2.8	28.5	3.5	1.1	13.8
6 Gandajika 8022	4680	102	94	189	126	6.8	2.4	3.8	40.5	4.5	33.0	3.5	1.1	13.8
11 Kwadaso 8043	4437	97	99	213	131	1.9	0.7	4.2	37.8	3.3	41.8	2.0	1.0	14.2
2 Omonita (1) 8121	4391	96	95	184	109	4.5	1.9	4.4	38.8	3.3	22.8	2.8	1.0	13.4
7 Poza Rica 8129	4250	92	92	173	101	3.2	4.8	2.9	40.3	3.3	22.4	3.5	1.0	13.9
13 Across 7622 RE	4211	92	94	186	124	2.4	4.7	7.1	41.8	4.5	32.8	2.8	1.0	13.8
5 Across 8121	4195	91	97	186	115	0.0	1.9	4.1	40.0	3.3	28.7	3.0	1.1	13.4
4 Rattray_arnld(1)8121	4161	91	94	191	116	1.8	1.8	5.3	39.8	3.8	36.1	2.0	1.1	13.4
10 Ilonga 8043	4108	89	91	206	133	1.9	1.4	2.5	36.5	2.0	36.7	3.0	1.0	14.0
3 Poza Rica 8121	3827	83	95	188	119	0.8	1.3	4.0	34.8	3.8	27.4	3.0	1.1	13.4
MEANS	4519	98	94	190	121	3.6	2.9	4.0	39.2	3.3	29.5	2.9	1.1	13.7
MAXIMUM	5522	120	99	213	139	15.1	10.3	7.3	41.8	4.5	41.8	3.5	1.1	14.2
MINIMUM	3827	83	91	173	101	0.0	0.0	2.3	34.8	2.0	22.4	2.0	1.0	13.4
CHECKS (TESTIGOS)														
16 LOCAL CHECK 2	4596	-	91	184	129	5.5	4.8	4.6	36.0	1.5	28.6	3.3	1.1	13.5
15 LOCAL CHECK 1	3579	-	95	166	128	2.5	11.9	7.1	32.3	3.8	39.8	4.8	1.1	13.4.
CHECK MEANS	4087	-	97	175	128	4.0	8.3	5.8	34.1	2.6	34.2	4.0	1.1	13.4
5% LSD	856.5		2.8	9.0	17.6				3.8					0.9
C.V.	13.5		2.1	3.4	10.1				7.0					4.4

TABLE: 129-V-83

EVT12 YEAR 1983 COLOMBIA TURIPANA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
8 Ferke 8129	2339	207	56	195	99	5.1	64.0	0.6	24.5
14 Across 7729 RE	1933	171	56	200	89	6.9	52.0	0.7	23.4
6 Gandajika 8022	1865	165	56	176	81	10.6	61.7	0.6	24.2
7 Poza Rica 8129	1748	155	56	188	85	4.5	57.7	0.5	22.6
11 Kwadaso 8043	1620	144	57	216	112	2.8	61.3	0.4	22.6
5 Across 8121	1532	136	56	184	85	4.6	61.0	0.5	24.7
1 Jardinopolis 8121	1496	133	56	175	74	6.8	57.3	0.6	24.9
2 Omonita (1) 8121	1406	125	56	186	81	6.9	52.3	0.6	24.2
13 Across 7622 RE	1313	116	55	180	87	8.2	61.0	0.4	22.6
4 Rattray_arnld(1)8121	1299	115	56	173	75	6.5	54.3	0.5	22.5
12 Santa Rosa 8073	1247	111	54	184	86	16.2	54.3	0.5	22.4
10 Ilonga 8043	1009	89	56	198	75	4.8	50.7	0.4	21.5
9 Ferke (1) 8129	984	87	55	170	73	15.3	41.7	0.5	22.5
3 Poza Rica 8121	749	66	56	167	68	10.5	48.3	0.4	20.9
MEANS	1467	130	56	185	84	7.8	55.5	0.5	23.1
MAXIMUM	2339	207	57	216	112	16.2	64.0	0.7	24.9
MINIMUM	749	66	54	167	68	2.8	41.7	0.4	20.9
CHECKS (TESTIGOS):									
16 ICA H 154	1129	-	56	176	83	0.0	32.0	0.7	22.3
15 MB-115	755	-	54	191	82	8.6	24.0	0.6	20.4
CHECK MEANS	942	-	55	183	82	4.3	28.0	0.6	21.4
5% LSD	934.6		1.9	26.6	22.0		13.6		2.4
C.V.	40.0		2.0	8.6	15.8		15.6		6.4

TABLE: 130-V-83

EVT12 YEAR 1983 VENEZUELA MACAPO

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PUCC	ENDO HARD	HELM	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM	MOIST %
13 Across 7622 RE	4378	106	59	211	114	11.5	3.0	2.5	2.3	43.8	2.3	8.6	2.5	86.5	11.9
12 Santa Rosa 8073	4133	101	61	223	141	9.8	2.8	2.8	2.0	41.5	2.3	11.5	2.3	83.0	11.8
7 Poza Rica 8129	4104	100	57	205	107	9.6	2.8	3.3	2.0	42.5	2.5	12.4	2.3	86.5	11.9
9 Ferke (1) 8129	3969	97	59	214	110	13.8	2.8	3.0	2.3	41.3	2.3	9.1	2.3	82.8	12.2
8 Ferke 8129	3914	95	60	211	117	15.6	2.8	2.8	2.3	43.0	2.5	9.9	2.5	85.5	12.1
11 Kwadaso 8043	3829	93	62	216	125	12.9	3.5	3.0	2.3	42.3	2.5	9.5	3.0	84.3	11.9
14 Across 7729 RE	3805	93	62	214	117	15.8	2.8	2.8	2.0	42.3	2.5	9.5	2.3	84.5	11.7
3 Poza Rica 8121	3606	88	61	214	117	15.0	3.5	3.0	2.0	43.5	2.3	6.9	2.8	87.3	12.2
6 Gandajika 8022	3454	84	59	215	108	17.0	2.8	2.3	2.0	42.0	2.8	8.9	2.3	83.8	12.4
10 Ilonga 8043	3447	84	61	220	130	12.3	3.3	3.0	2.3	42.5	3.0	10.0	3.0	83.5	12.0
1 Jardinopolis 8121	3318	81	62	220	115	13.4	3.3	3.0	2.0	42.3	2.8	8.3	3.0	85.8	11.6
4 Rattray_arnld(1)8121	3108	76	62	221	131	13.3	3.0	3.0	2.0	42.5	3.3	8.8	2.8	85.5	11.5
2 Omonita (1) 8121	3046	74	63	213	112	19.5	3.8	3.0	2.0	41.5	3.0	8.5	3.3	84.5	11.6
5 Across 8121	2925	71	63	221	124	15.7	3.8	3.0	2.0	42.3	2.8	8.3	3.3	83.5	11.7
MEANS	3645	89	61	215	119	14.0	3.1	2.9	2.1	42.4	2.6	9.3	2.7	84.8	11.9
MAXIMUM	4378	106	63	223	141	19.5	3.8	3.3	2.3	43.8	3.3	12.4	3.3	87.3	12.4
MINIMUM	2925	71	57	205	107	9.6	2.8	2.3	2.0	41.3	2.3	6.9	2.3	82.8	11.5
CHECKS (TESTIGOS):															
15 MH-PR-X-235	4111	-	65	241	162	10.3	2.8	2.5	2.0	39.5	2.5	13.3	3.3	81.5	12.5
16 PROSELA 71	2864	-	64	228	144	17.2	3.5	2.0	2.3	35.8	2.8	7.5	3.8	69.5	12.0
CHECK MEANS	3488	-	64	234	153	13.7	3.1	2.3	2.1	37.6	2.6	10.4	3.5	75.5	12.3
5% LSD	557.0		2.6	15.8	20.5					3.4					
C.V.	10.8		3.0	5.1	11.7					5.8					

TABLE: 131-V-83

EVT12 YEAR 1983 MEXICO OBREGON(2)

CO-OPERATOR: O. COTA Y J. M. VALENZUELA

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 %
6 Qandajika 8022	9678	99	71	225	133	1.7	11.5	8.3	43.8	3.8	13.1	3.1	1.2	26.6
11 Kwadaso 8043	9619	98	74	231	133	2.8	6.3	2.6	44.0	3.9	6.8	3.1	1.1	25.9
10 Ilonga 8043	9205	94	74	234	138	1.1	9.5	0.6	44.0	3.4	9.1	2.8	1.0	26.7
4 Rattray_arnld(i)8121	9189	94	71	225	128	2.8	4.6	3.1	43.3	3.6	9.8	3.3	1.0	28.3
12 Santa Rosa 8073	9064	93	71	238	136	0.0	9.8	0.5	43.5	3.6	16.3	3.1	1.1	25.5
14 Across 7729 RE	8985	92	73	229	129	8.4	5.2	1.1	44.0	4.0	7.4	2.9	1.1	26.8
1 Jardinopolis 8121	8919	91	73	220	125	2.3	8.1	3.1	43.3	3.8	2.3	3.1	1.1	27.1
8 Ferke 8129	8856	91	70	215	120	1.1	5.1	1.0	44.3	3.5	7.9	3.6	1.0	28.2
2 Omonita (1) 8121	8720	89	70	224	124	0.6	6.3	4.2	43.0	3.6	13.4	3.8	1.1	26.7
5 Across 8121	8654	89	73	231	138	0.6	11.3	3.2	44.3	3.5	8.5	3.1	1.1	26.9
9 Ferke (1) 8129	8633	88	71	226	119	2.3	2.8	1.2	44.0	3.5	9.7	3.5	1.0	26.9
13 Across 7622 RE	8553	87	70	235	138	4.1	10.4	3.4	43.0	3.8	7.6	3.1	1.0	26.1
3 Poza Rica 8121	8545	87	71	229	129	6.9	5.2	2.5	43.5	3.1	9.8	3.1	1.1	26.4
7 Poza Rica 8129	8454	86	70	230	118	1.2	1.8	4.7	43.3	3.6	11.1	3.4	1.1	25.3
MEANS	8934	91	72	228	129	2.6	7.0	2.8	43.6	3.6	9.5	3.2	1.1	26.7
MAXIMUM	9678	99	74	238	138	8.4	11.5	8.3	44.3	4.0	16.3	3.8	1.2	28.3
MINIMUM	8454	86	70	215	118	0.0	1.8	0.5	43.0	3.1	2.3	2.8	1.0	25.3
CHECKS (TESTIGOS):														
16 V-526	9776	-	72	235	141	0.6	17.2	3.0	44.3	3.9	10.1	2.8	1.0	27.6
15 V-455	8684	-	73	221	133	4.8	7.3	12.2	42.0	3.6	10.7	3.4	1.1	27.1
CHECK MEANS	9230	-	72	228	136	2.7	12.2	7.6	43.1	3.8	10.4	3.1	1.0	27.4
5% LSD	936.1		4.7	16.6	15.6				1.9					2.5
C. V.	7.3		4.6	5.1	8.4				3.0					6.6

TABLE: 132-V-83

EVT12 YEAR 1983 MEXICO ROSARIO ISAPA

CO-OPERATOR: ING. MANUEL GRAJALES

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
5 Across 8121	6158	115	57	230	122	1.8	0.0	9.1	41.8	3.8	1.8	1.0	25.5
12 Santa Rosa 8073	5855	109	57	232	117	1.8	0.0	7.5	42.5	3.9	1.0	1.0	25.0
9 Ferke (1) 8129	5811	108	57	204	110	1.3	0.0	12.6	39.5	3.8	2.3	1.1	26.8
13 Across 7622 RE	5758	107	57	217	112	4.1	0.0	8.0	42.5	3.6	1.3	1.0	26.5
11 Kwadaso 8043	5708	107	58	243	129	2.3	0.0	12.7	43.5	3.5	1.3	0.9	29.0
8 Ferke 8129	5301	99	56	203	104	4.7	0.0	8.5	41.3	3.4	1.8	1.0	25.0
3 Poza Rica 8121	5215	97	57	219	108	2.3	0.0	15.4	41.5	3.1	1.5	0.9	26.8
1 Jardinopolis 8121	5046	94	57	201	107	4.1	0.0	17.8	43.3	3.0	2.3	1.0	27.0
2 Omonita (1) 8121	5027	94	57	210	100	3.5	0.0	12.9	42.5	3.4	1.3	1.0	27.3
7 Poza Rica 8129	4967	93	56	204	107	1.2	0.0	8.1	41.5	3.3	2.0	0.9	25.8
10 Ilonga 8043	4957	93	57	251	125	1.4	0.0	17.9	41.0	3.0	2.0	0.9	25.8
6 Qandajika 8022	4870	91	57	208	102	2.9	0.0	12.8	43.0	2.9	1.8	0.9	28.5
4 Rattray_arnld(1)8121	4619	86	57	225	106	2.2	0.0	16.8	43.5	3.0	2.8	0.9	27.8
14 Across 7729 RE	4395	82	57	214	110	2.3	0.0	10.5	43.5	3.1	2.8	0.9	27.5
MEANS	5263	98	57	218	111	2.6	0.0	12.2	42.2	3.3	1.8	1.0	26.7
MAXIMUM	6158	115	58	251	129	4.7	0.0	17.9	43.5	3.9	2.8	1.1	29.0
MINIMUM	4395	82	56	201	100	1.2	0.0	7.5	39.5	2.9	1.0	0.9	25.0
CHECKS (TESTIGOS):													
16 HS-3	5358	-	59	232	118	5.4	0.0	10.6	41.0	3.5	1.8	1.0	27.0
15 H-507	4205	-	61	264	159	22.4	0.0	4.7	23.8	3.1	4.0	1.5	31.5
CHECK MEANS	4782	-	59	248	138	13.9	0.0	7.6	32.4	3.3	2.9	1.2	29.3
5% LSD	1459.5		1.4	33.8	19.5				5.6				2.8
C.V.	19.7		1.7	10.7	11.9				9.6				7.2

TABLE 133-V-83

EVT1: YEAR 1983 GUINEA (BISSAU) CONTUBOEL

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	PLANT ASPECT	EARS/ PLNT	MOIST %
9 Ferke (1) 8129	4684	293	64	159	74	5.2	10.3	5.4	36.5	2.0	2.8	1.0	25.4
11 Kwadaso 8043	4359	272	63	202	103	3.6	15.6	2.2	35.8	2.5	2.0	1.0	24.7
3 Poza Rica 8121	4138	258	65	172	80	7.0	13.2	3.8	37.3	1.5	1.5	1.0	26.2
7 Poza Rica 8129	3878	242	63	140	65	7.6	12.2	2.8	35.0	2.5	2.8	1.0	25.9
1 Jardinopolis 8121	3847	240	64	167	71	13.5	11.0	3.9	32.0	2.5	2.0	1.0	29.0
8 Ferke 8129	3818	238	65	162	73	10.5	15.6	6.9	33.5	2.8	3.0	1.0	24.8
13 Across 7622 RE	3796	237	63	167	86	6.8	11.5	2.6	38.5	2.3	2.0	1.0	28.5
6 Gandajika 8022	3641	227	64	180	88	3.8	13.6	6.0	33.0	2.5	3.5	1.0	27.5
10 Ilonga 8043	3569	223	64	185	84	5.9	21.8	3.2	35.8	2.5	3.0	1.0	26.8
5 Across 8121	3564	223	64	163	79	8.6	20.1	4.3	34.8	2.5	2.8	1.0	24.7
14 Across 7729 RE	3555	222	63	155	88	7.1	9.0	4.9	35.3	2.8	2.3	1.0	28.0
12 Santa Rosa 8073	3548	222	63	186	80	10.0	20.9	5.6	34.8	2.5	2.5	1.0	26.8
2 Omonita (1) 8121	3505	219	64	165	89	4.0	18.3	4.4	29.3	2.8	3.0	1.0	26.7
4 Rattray_arnld(1)8121	3232	202	65	178	81	8.5	9.6	3.4	35.5	2.8	3.0	1.0	27.1
MEANS	3795	237	64	170	81	7.3	14.5	4.2	34.8	2.4	2.6	1.0	26.6
MAXIMUM	4684	293	65	202	103	13.5	21.8	6.9	38.5	2.8	3.5	1.0	29.0
MINIMUM	3232	202	63	140	65	3.6	9.0	2.2	29.3	1.5	1.5	1.0	24.7
CHECKS (TESTIGOS):													
15 LOCAL CHECK 1	1601	-	49	152	81	34.5	25.2	7.4	23.8	5.0	4.5	1.0	18.4
16 LOCAL CHECK 2	1334	-	50	131	64	36.1	27.9	7.8	22.5	5.0	4.5	1.0	18.0
CHECK MEANS	1468	-	49	141	72	35.3	26.6	7.6	23.1	5.0	4.5	1.0	18.2
5% LSD	1060.2		1.0	22.7	12.8				4.3				1.5
C.V.	21.2		1.1	9.6	11.2				9.0				4.0

TABLE: 134-V-83

EVT12 YEAR 1983 MALI SOTUBA

CO-OPERATOR: C. O. KEITA S. R. V. O.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EARS/ PLNT	MOIST %
7 Poza Rica 8129	4574	118	50	215	101	0.0	1.3	39.3	1.0	11.4
8 Ferke 8129	4570	118	51	214	99	0.6	2.0	38.8	1.0	12.0
3 Poza Rica 8121	4525	117	52	226	104	0.0	0.7	37.8	1.0	11.5
1 Jardinopolis 8121	4136	107	52	211	96	0.0	1.3	37.0	1.0	11.5
12 Santa Rosa 8073	3936	102	51	229	103	0.0	2.6	38.3	1.0	11.5
6 Qandajika 8022	3872	100	54	220	108	0.0	1.5	37.0	1.0	11.8
14 Across 7729 RE	3800	98	53	224	113	0.0	1.6	34.8	1.0	11.7
5 Across 8121	3786	98	54	218	100	0.0	1.9	39.0	1.0	11.5
4 Rattray_arnld(1)8121	3760	97	51	221	113	0.0	1.3	35.0	1.0	11.5
11 Kwadaso 8043	3674	95	52	243	133	0.0	0.8	37.5	1.0	11.2
13 Across 7622 RE	3618	93	52	215	96	0.0	1.4	36.5	1.0	11.3
10 Ilonga 8043	3552	92	52	226	116	0.0	2.2	33.8	1.0	11.6
2 Omonita (1) 8121	3532	91	54	219	114	0.0	1.4	33.5	1.0	11.5
9 Ferke (1) 8129	3474	90	52	220	101	0.0	2.1	35.8	1.0	11.1
MEANS	3915	101	52	221	107	0.0	1.6	36.7	1.0	11.5
MAXIMUM	4574	118	54	243	133	0.6	2.6	39.3	1.0	12.0
MINIMUM	3474	90	50	211	96	0.0	0.7	33.5	1.0	11.1
CHECKS (TESTIGOS):										
16 TIEMANTIE	3876	-	54	273	134	0.0	0.0	26.0	1.0	11.2
15 TIEMANTIE	3362	-	56	268	129	0.0	0.0	25.5	1.0	11.4
CHECK MEANS	3619	-	55	270	131	0.0	0.0	25.8	1.0	11.3
5% LSD	1326.2		2.5	18.4	19.4			6.0		0.6
C. V.	24.0		3.3	5.7	12.4			12.0		3.8

TABLE: 135-V-83

EVT12 YEAR 1983 MALI KITA

CO-OPERATOR: S. R. C. V. O.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT
13 Across 7622 RE	4558	168	55	188	89	42.0	1.0
3 Poza Rica 8121	4097	151	43	186	86	43.5	0.8
9 Ferke (1) 8129	4000	147	58	176	81	43.0	1.0
8 Ferke 8129	3733	137	57	177	80	33.8	1.1
12 Santa Rosa 8073	3588	132	55	193	90	41.5	0.9
7 Poza Rica 8129	3491	129	54	170	77	42.3	0.9
6 Gandajika 8022	3467	128	57	185	88	42.0	0.8
14 Across 7729 RE	3370	124	57	174	89	41.8	0.9
4 Rattray_arnld(1)8121	3297	121	55	190	89	40.8	0.8
2 Omonita (1) 8121	3273	121	57	183	97	39.3	0.8
11 Kwadaso 8043	3224	119	57	203	100	41.3	0.8
10 Ilonga 8043	3176	117	57	198	96	42.0	0.8
5 Across 8121	2982	110	58	190	91	43.3	0.8
1 Jardinopolis 8121	2982	110	56	185	86	36.5	1.0
MEANS	3517	130	55	185	98	40.9	0.9
MAXIMUM	4558	168	58	203	100	43.5	1.1
MINIMUM	2982	110	43	170	77	33.8	0.8
CHECKS (TESTIGOS):							
15 TIEMANTIE	2715	-	44	216	102	29.0	0.9
16 TIEMANTIE	2473	-	59	207	107	30.3	0.8
CHECK MEANS	2594	-	51	211	104	29.6	0.9
5% LSD	982.8		15.1	14.4	12.7	8.6	
C.V.	20.3		19.4	5.4	9.8	15.3	

TABLE: 136-V-83

EVT12 YEAR 1983 BURUNDI IMBO

CO-OPERATOR: ZEIGLER, R. S

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM	MOIST %
8 Ferke 8129	6261	102	67	139	77	0.0	0.0	0.0	7.3	40.5	2.5	7.6	1.8	40.5	31.7
4 Rattray_arnld(1)8121	6151	100	67	157	85	0.0	0.0	0.0	5.5	38.8	2.3	4.0	1.5	38.8	31.4
12 Santa Rosa 8073	6100	99	66	171	94	3.6	0.6	0.0	2.3	40.3	2.8	6.3	1.5	40.3	33.8
11 Kwadaso 8043	5942	97	68	152	88	0.0	0.0	0.7	4.0	38.8	2.8	8.7	1.8	38.8	31.1
14 Across 7729 RE	5902	96	66	148	80	0.0	0.0	0.0	6.8	40.8	2.3	2.5	1.3	40.8	32.0
2 Omonita (1) 8121	5686	93	68	138	75	0.0	0.0	0.7	5.5	40.0	2.5	8.4	1.5	40.0	36.5
3 Poza Rica 8121	5593	91	66	156	85	0.0	0.0	0.0	4.8	41.3	2.5	5.7	1.0	41.3	34.3
5 Across 8121	5510	90	67	153	87	0.0	0.0	0.0	4.3	42.3	2.5	6.2	2.0	42.3	30.8
6 Gandajika 8022	5393	88	67	148	81	0.0	0.0	0.7	4.5	39.0	2.8	8.1	1.5	39.0	32.3
9 Ferke (1) 8129	5251	86	67	145	81	0.0	0.0	0.0	3.5	38.0	2.5	5.3	1.8	38.0	35.9
7 Poza Rica 8129	5226	85	64	134	73	0.0	0.0	0.0	4.8	40.0	3.3	5.2	1.8	40.0	29.5
1 Jardinopolis 8121	5138	84	66	151	80	0.0	0.0	0.0	5.0	41.0	3.5	5.1	1.5	41.0	31.3
10 Ilonga 8043	5058	82	67	157	87	0.0	0.0	0.0	2.3	41.3	2.8	4.3	1.0	41.3	35.3
13 Across 7622 RE	5023	82	66	140	79	0.0	0.0	0.0	3.5	37.3	2.8	9.3	1.3	37.5	31.2
MEANS	5588	91	66	149	82	0.3	0.0	0.2	4.6	39.9	2.7	6.2	1.5	39.9	32.6
MAXIMUM	6261	102	68	171	94	3.6	0.6	0.7	7.3	42.3	3.5	9.3	2.0	42.3	36.5
MINIMUM	5023	82	64	134	73	0.0	0.0	0.0	2.3	37.3	2.3	2.5	1.0	37.5	29.5
CHECKS (TESTIGOS):															
16 GPS 5	6138	-	64	184	120	13.2	0.0	0.0	1.0	38.8	3.8	7.9	4.0	39.3	26.1
15 ISEGA	3970	-	66	183	113	9.1	0.0	0.0	3.5	36.5	1.8	1.5	3.8	36.5	34.2
CHECK MEANS	5054	-	64	183	116	11.1	0.0	0.0	2.3	37.6	2.8	4.7	3.9	37.9	30.1
5% LSD	1171.4		2.3	17.9	11.0					3.7					
C.V.	14.9		2.5	8.2	8.9					6.5					

TABLE: 137-V-83

EVT12 YEAR 1983 BURUNDI MOSSO

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC	HELM	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
7 Poza Rica 8129	10051	121	81	241	122	1.1	13.1	5.7	2.0	3.0	43.8	1.8	24.7	2.5	27.5
9 Ferke (1) 8129	9890	119	85	241	124	1.9	8.5	6.3	2.8	3.0	40.8	1.8	19.8	2.5	25.4
8 Ferke 8129	9763	117	81	243	127	1.3	14.1	10.6	2.8	2.8	41.3	1.8	24.9	2.5	27.0
1 Jardinopolis 8121	9758	117	82	251	122	2.3	13.9	2.3	2.3	2.3	43.3	2.0	16.5	2.3	28.4
12 Santa Rosa 8073	9737	117	81	249	130	6.4	28.5	3.7	2.5	3.0	42.8	2.5	24.8	3.5	25.5
13 Across 7622 RE	9652	116	82	247	129	0.6	11.6	6.5	2.0	3.0	43.0	2.5	20.7	2.0	28.8
6 Gandajika 8022	9647	116	82	234	120	0.0	6.3	2.8	3.3	3.0	43.3	2.0	22.6	2.3	26.3
3 Poza Rica 8121	9606	116	81	242	125	0.6	17.6	3.4	2.8	2.0	42.5	2.0	23.3	2.5	26.2
5 Across 8121	9215	111	82	249	129	1.7	16.1	1.2	3.0	3.0	42.5	2.0	20.8	3.0	25.2
4 Rattray_arnld(1)8121	9146	110	84	246	127	3.6	13.6	1.1	2.5	2.5	42.5	2.3	18.1	1.8	28.0
14 Across 7729 RE	9098	109	83	256	126	3.7	11.3	2.9	2.3	3.0	41.8	2.3	20.6	2.3	31.5
10 Ilonga 8043	8955	108	85	263	131	5.4	20.9	3.6	2.5	3.0	41.8	2.3	22.2	3.3	26.5
11 Kwadaso 8043	8326	100	86	271	136	0.6	12.3	8.1	2.5	2.3	42.5	2.3	24.9	2.3	30.1
2 Omonita (1) 8121	8096	97	85	232	120	2.6	9.7	4.5	2.8	3.5	41.5	2.0	12.7	2.5	28.5
MEANS	9353	113	83	247	126	2.3	14.1	4.5	2.6	2.8	42.4	2.1	21.2	2.5	27.5
MAXIMUM	10051	121	86	271	136	6.4	28.5	10.6	3.3	3.5	43.8	2.5	24.9	3.3	31.5
MINIMUM	8096	97	81	232	120	0.0	6.3	1.1	2.0	2.0	40.8	1.8	12.7	1.8	25.2
CHECKS (TESTIGOS):															
15 BOMBON	8309	-	83	269	147	13.9	57.9	22.9	2.0	2.0	37.5	3.5	17.9	5.0	25.4
16 GPS4XSR52	6646	-	92	276	155	11.4	50.3	9.5	2.0	2.0	37.3	4.0	19.3	5.0	31.7
CHECK MEANS	7478	-	87	272	150	12.6	54.1	16.2	2.0	2.0	37.4	3.8	18.6	5.0	28.5
5% LSD	1636.0		4.3	18.9	17.1						2.2				
C. V.	12.6		3.6	5.3	9.3						3.6				

TABLE: 138-V-83

EVT12 YEAR 1983 BURUNDI MURONGWE

CO-OPERATOR: R. ZEIGLER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	BORER	PUCC SORG	HELM	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
8 Ferke 8129	3891	316	97	151	70	5.4	2.3	2.0	2.5	4.8	32.8	4.0	23.0	3.8	38.7
11 Kwadaso 8043	3859	313	96	178	87	2.8	2.3	2.3	2.8	4.5	35.3	4.0	22.5	3.8	41.1
7 Poza Rica 8129	3624	294	94	154	74	2.7	2.3	2.0	2.3	2.5	35.8	4.3	16.1	4.0	42.0
9 Ferke (1) 8129	3522	286	95	168	77	7.3	2.5	2.0	3.0	4.0	30.8	3.8	28.2	3.8	36.4
13 Across 7622 RE	3497	284	96	159	78	7.7	2.3	2.0	2.5	3.8	35.5	4.0	25.7	3.8	41.8
14 Across 7729 RE	3495	284	97	167	80	6.4	2.0	2.0	2.5	3.3	33.3	4.5	17.1	3.5	41.7
12 Santa Rosa 8073	3473	282	97	173	84	3.2	2.3	2.3	2.8	2.5	31.0	3.0	19.0	3.5	37.7
1 Jardinopolis 8121	3350	272	96	167	73	6.8	2.8	2.3	2.8	2.8	33.0	4.0	16.8	3.5	38.6
6 Gandajika 8022	3336	271	97	176	86	2.4	2.3	2.0	2.5	4.5	31.8	3.0	24.8	3.5	42.1
10 Ilonga 8043	3218	261	98	166	91	0.9	2.3	2.5	2.5	3.0	30.5	4.0	21.9	3.3	42.1
3 Poza Rica 8121	3195	259	96	174	71	2.8	2.5	2.3	2.3	2.5	34.5	4.5	11.2	4.5	42.0
5 Across 8121	3096	251	97	154	76	1.5	2.3	2.3	2.3	6.3	33.3	4.3	14.7	3.8	41.7
2 Omonita (1) 8121	3080	250	94	164	70	4.8	2.8	2.3	2.8	4.3	30.8	4.0	15.0	4.0	38.5
4 Rattray_arnld(1)8121	3015	245	96	180	83	7.2	2.3	2.3	2.8	3.0	30.8	3.8	31.1	4.0	40.7
MEANS	3404	276	96	166	79	4.4	2.3	2.2	2.6	3.7	32.8	3.9	20.5	3.8	40.4
MAXIMUM	3891	316	98	180	91	7.7	2.8	2.5	3.0	6.3	35.8	4.5	31.1	4.5	42.1
MINIMUM	3015	245	94	151	70	0.9	2.0	2.0	2.3	2.5	30.5	3.0	11.2	3.3	36.4
CHECKS (TESTIGOS):															
15 GPS4XSR52	1232	-	96	198	98	1.9	1.8	2.0	1.8	1.0	9.8	5.0	17.6	4.8	40.0
CHECK MEANS	1232	-	96	197	97	1.9	1.8	2.0	1.8	1.0	9.8	5.0	17.6	4.8	40.0
5% LSD	733.5		3.2	25.3	21.3						5.9				
C. V.	15.8		2.3	10.5	18.7						13.3				

TABLE: 139-V-83

EVT12 YEAR 1983 SWAZILAND MALKERNS

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	DIPLODIA %	STEM LODG	ROOT LODG	HUSK COVER	PLANTS HARV	EAR ASPCT	% FUSARIUM	% GIBBER-ELLA	NIGRO-SPORA %	MOIST %
6 Gandajika 8022	8361	99	77	279	162	1.4	3.4	0.6	2.5	44.0	2.0	4.9	7.8	0.6	14.8
8 Ferke 8129	8053	96	77	260	145	0.0	2.9	2.3	2.5	43.0	1.0	2.7	6.5	3.6	15.2
14 Across 7729 RE	7853	93	77	249	135	0.0	3.5	0.6	2.3	42.8	1.5	3.8	7.6	1.2	14.5
13 Across 7622 RE	7582	90	77	267	152	1.2	1.7	3.5	2.0	42.5	2.0	5.8	6.7	0.6	14.8
10 Ilonga 8043	7581	90	78	277	167	0.0	2.3	1.2	2.3	43.3	1.3	4.9	10.8	1.2	14.3
4 Rattray_arnld(1)8121	7428	88	78	293	159	0.0	1.7	3.4	1.8	42.8	1.5	4.6	6.1	1.1	15.5
7 Poza Rica 8129	7406	88	74	257	144	0.0	2.9	2.9	2.0	43.3	1.5	3.6	4.7	1.8	14.8
1 Jardinopolis 8121	7311	87	77	272	155	2.3	2.3	11.4	2.3	43.5	1.3	2.6	5.7	0.6	15.1
12 Santa Rosa 8073	7294	87	78	283	153	1.0	9.8	9.1	3.0	41.8	2.0	1.5	6.7	1.8	15.1
11 Kwadaso 8043	7144	85	79	288	182	0.7	1.2	5.2	3.0	43.3	1.5	4.1	11.6	0.6	15.7
5 Across 8121	7106	84	79	287	173	0.7	2.2	2.3	2.0	43.5	1.0	4.0	6.0	0.0	14.9
9 Ferke (1) 8129	6856	82	77	269	154	2.4	2.3	2.9	2.0	43.0	1.8	4.8	9.7	2.9	16.5
3 Poza Rica 8121	6754	80	78	280	163	0.7	2.9	1.2	2.0	43.8	2.0	7.4	9.9	1.7	15.9
2 Omonita (1) 8121	6667	79	78	258	147	1.4	1.7	2.3	1.8	43.0	1.5	7.7	2.7	2.3	15.0
MEANS	7385	88	77	273	156	0.8	2.9	3.5	2.2	43.1	1.6	4.4	7.3	1.4	15.1
MAXIMUM	8361	99	79	293	182	2.4	9.8	11.4	3.0	44.0	2.0	7.7	11.6	3.6	16.5
MINIMUM	6667	79	74	249	135	0.0	1.2	0.6	1.8	41.8	1.0	1.5	2.7	0.0	14.3
CHECKS (TESTIQOS):															
16 PIONEER 473	8411	-	72	237	123	0.7	10.6	9.4	2.8	42.3	1.5	10.8	4.7	2.3	14.0
15 SR 52	7357	-	73	280	169	3.8	6.3	19.9	2.5	40.3	1.0	20.9	2.4	0.7	15.8
CHECK MEANS	7884	-	72	258	145	2.3	8.5	14.6	2.6	41.3	1.3	15.9	3.5	1.5	14.9
5% LSD	1343.1		2.1	20.6	20.5					2.0					
C.V.	12.7		2.0	5.3	9.3					3.3					

TABLE: 140-V-83

EVT12 YEAR 1983 TANZANIA LAMBO

CO-OPERATIVE NATIONAL MAIZE RESEARCH PROGRAMME

ENTRY NO / PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	RUST %	HELM	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT	MOIST %
9 Ferke (1) 8129	5160	114	67	160	65	12.6	8.6	1.1	1.8	2.3	43.8	2.0	11.8	1.1	15.8
10 Ilonga 8043	5040	112	66	179	78	2.4	15.7	0.0	2.0	2.5	41.3	2.5	11.7	1.1	15.0
12 Santa Rosa 8073	4981	110	66	181	80	15.4	11.4	0.0	1.8	2.5	43.8	2.0	9.0	1.1	14.8
6 Gandajika 8022	4877	108	67	162	66	7.4	9.8	0.0	1.8	2.8	43.8	2.0	17.4	1.1	14.5
5 Across 8121	4762	105	67	158	67	3.4	4.6	0.0	2.0	2.8	43.3	2.3	12.7	1.1	14.4
7 Poza Rica 8129	4708	104	65	152	56	8.6	7.5	1.1	1.8	2.0	43.8	3.0	22.4	1.1	14.0
14 Across 7729 RE	4652	103	69	167	67	8.0	4.0	0.0	1.3	2.3	43.5	2.5	10.1	1.1	13.7
2 Omonita (1) 8121	4650	103	68	155	64	12.8	11.2	2.3	1.5	2.8	42.8	2.8	8.9	1.1	15.0
11 Awasdass 8043	4499	100	65	166	69	6.7	5.7	0.0	1.5	2.5	41.8	3.0	10.8	1.0	14.2
8 Ferke 8129	4498	100	68	154	64	7.4	6.9	0.0	1.8	2.3	43.5	2.8	10.9	1.1	14.3
1 Jardinopolis 8121	4414	98	69	174	72	25.9	6.5	0.0	1.8	3.0	42.3	2.5	6.8	1.0	14.9
4 Rattray_arnld(1)8121	4349	96	68	160	61	14.2	11.8	1.7	2.0	2.8	42.8	2.3	6.7	1.0	14.3
3 Poza Rica 8121	4298	95	67	156	60	11.4	11.4	0.0	2.0	3.0	43.8	2.3	15.5	1.0	15.4
13 Across 7622 RE	4157	92	68	149	65	14.7	4.1	0.0	2.0	2.5	42.3	2.8	9.0	1.1	15.4
MEANS	4646	103	67	162	66	10.8	8.5	0.4	1.8	2.6	43.0	2.5	11.7	1.1	14.7
MAXIMUM	5160	114	69	181	80	25.9	15.7	2.3	2.0	3.0	43.8	3.0	22.4	1.1	15.8
MINIMUM	4157	92	65	149	56	2.4	4.0	0.0	1.3	2.0	41.3	2.0	6.7	1.0	13.7
CHECKS (TESTIGOS)															
15 STAHA	4517	-	68	181	81	15.5	2.3	0.5	1.5	2.3	43.5	2.8	10.7	1.1	14.8
16 ICW	4109	-	71	208	112	47.4	6.1	0.0	1.5	2.3	41.8	2.3	6.5	1.0	16.2
CHECK MEANS	4313	-	69	194	96	31.5	4.2	0.3	1.5	2.3	42.6	2.5	8.6	1.0	15.5
5% LSD	761.9		2.7	15.1	11.5						1.6				1.5
C. V.	11.6		2.8	6.4	11.5						2.5				6.9

TABLE: 141-V-83

EVT12 YEAR 1983 ZAIRE KANIAMA

CO-OPERATOR: PROGRAMME NATIONAL MAIS

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	N %	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	SPODO %	MOIST %
6 Gandajika 8022	5516	131	66	205	104	1.0	5.9	21.2	8.7	38.8	2.0	7.9	2.5	2.0	23.0
5 Across 8121	5085	121	66	209	110	0.8	12.0	18.9	14.7	37.5	2.3	6.4	2.3	1.9	22.9
8 Ferke 8129	5042	120	65	200	101	1.5	13.1	15.6	8.3	39.8	2.3	4.0	2.3	2.4	23.3
1 Jardinopolis 8121	4965	118	67	219	109	1.8	5.1	21.9	9.0	38.5	2.0	4.5	2.8	1.9	23.4
13 Across 7622 RE	4943	117	65	202	104	2.3	6.3	19.3	13.3	40.3	2.3	6.8	2.8	2.0	23.7
12 Santa Rosa 8073	4874	116	65	227	117	1.3	19.4	29.7	9.6	40.0	2.3	6.0	2.3	0.6	22.9
4 Rattray_arnld(1)8121	4813	114	67	213	107	1.5	8.9	18.3	11.3	38.0	2.3	7.5	2.8	0.6	23.2
10 Ilonga 8043	4800	114	68	239	125	1.0	4.4	16.6	11.6	39.8	2.0	3.7	3.0	0.6	23.9
2 Omonita (1) 8121	4573	108	67	202	95	1.3	6.6	12.3	9.5	36.5	2.0	3.5	2.3	0.7	24.3
11 Kwadaso 8043	4435	105	67	228	123	0.8	5.5	21.3	13.4	36.3	2.5	7.5	2.5	2.9	23.8
3 Poza Rica 8121	4237	100	66	196	96	1.0	17.9	22.1	8.7	37.5	2.5	6.9	2.5	1.3	25.3
7 Poza Rica 8129	4088	97	66	191	96	1.8	8.3	25.4	11.4	39.5	2.3	6.0	2.8	1.3	23.8
9 Ferke (1) 8129	4044	96	67	196	95	1.0	8.9	10.7	16.7	39.5	2.8	4.3	2.5	4.7	23.1
14 Across 7729 RE	3828	91	68	207	106	2.3	22.6	14.9	16.3	37.5	2.8	8.1	2.5	6.8	23.5
MEANS	4660	110	66	209	106	1.4	10.3	19.2	11.6	38.5	2.3	5.9	2.5	2.1	23.6
MAXIMUM	5516	131	68	239	125	2.3	22.6	29.7	16.7	40.3	2.8	8.1	3.0	6.8	25.3
MINIMUM	3828	91	65	191	95	0.8	4.4	10.7	8.3	36.3	2.0	3.5	2.3	0.6	22.9
CHECKS (TESTIGOS):															
15 KASAI I	4217	-	67	215	112	2.0	9.7	40.1	8.7	34.3	2.3	4.1	3.0	3.1	23.3
16 SALONGO II	3868	-	69	207	108	2.0	12.1	33.1	12.9	33.3	2.3	5.1	3.0	3.1	24.4
CHECK MEANS	4043	-	67	211	109	2.0	10.9	36.6	10.8	33.8	2.3	4.6	3.0	3.1	23.8
5% LSD	1221.9		1.2	13.6	9.5					4.1					
C V	18.7		1.2	4.6	6.2					7.6					

TABLE: 142-V-83

EVT12 YEAR 1983 ZIMBABWE RATTRAY-ARNOLD

CO-OPERATOR: R. C. OLVER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	PLNTS GERM	EARS/ PLNT	MOIST %
10 Ilonga 8043	8444	72	72	288	160	5.4	14.4	4.7	41.5	86.0	1.1	14.8
11 Kwadaso 8043	8210	70	74	284	166	9.7	10.3	4.3	41.3	84.5	1.0	13.8
8 Ferke 8129	7836	67	71	239	138	6.9	12.3	1.8	41.0	81.8	1.0	15.0
6 Qandajika 8022	7834	67	71	253	153	6.0	10.9	1.1	41.3	85.0	1.1	15.5
7 Poza Rica 8129	7810	66	69	244	140	4.5	17.1	1.3	39.8	80.8	1.0	15.0
14 Across 7729 RE	7795	66	71	255	136	5.7	22.8	1.7	39.5	82.0	1.1	15.4
9 Ferke (1) 8129	7728	66	72	256	149	5.1	13.2	5.3	41.3	85.3	1.0	16.0
13 Across 7622 RE	7528	64	71	266	149	7.2	16.0	3.2	37.3	82.5	1.1	14.9
3 Poza Rica 8121	7292	62	73	261	143	16.6	30.3	1.3	39.8	78.3	1.0	15.3
1 Jardinopolis 8121	7285	62	70	258	140	8.0	44.1	4.5	40.5	86.5	1.0	15.3
4 Rattray_arnld(1)8121	7250	62	72	256	151	8.6	20.2	2.0	38.5	86.3	1.0	14.9
12 Santa Rosa 8073	7032	60	71	264	141	15.7	47.6	4.5	38.3	81.0	1.1	14.6
2 Omonita (1) 8121	6984	59	73	265	149	5.6	25.9	2.7	39.3	85.3	0.9	15.1
5 Across 8121	6787	58	73	260	145	3.7	27.8	2.5	41.0	86.8	1.0	15.2
MEANS	7558	64	72	261	147	7.8	22.3	2.9	40.0	83.7	1.0	15.0
MAXIMUM	8444	72	74	288	166	16.6	47.6	5.3	41.5	86.8	1.1	16.0
MINIMUM	6787	58	69	239	136	3.7	10.3	1.1	37.3	78.3	0.9	13.8
CHECKS (TESTIGOS):												
16 ZS225	11766	-	62	259	134	2.3	5.1	2.4	42.3	84.5	1.0	13.3
15 R201	10136	-	62	261	135	19.4	18.4	5.9	42.5	87.0	1.0	14.2
CHECK MEANS	10951	-	62	260	134	10.9	11.8	4.1	42.4	85.8	1.0	13.7
5% LSD	851.9		2.0	19.5	19.0				3.2			0.8
C.V.	7.5		2.0	5.3	9.2				5.6			3.6

TABLE: 143-V-83

EVT12 YEAR 1983 ZIMBABWE CHIREDZE

CO-OPERATOR: R. C. OLVER

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 %
7 Poza Rica 8129	8371	95	57	255	118	0.0	0.0	0.0	40.0	2.3	8.1	3.0	75.8	1.1	12.9
5 Across 8121	8089	89	59	273	133	0.0	0.0	1.1	36.8	3.0	11.8	2.8	73.3	1.1	12.7
10 Ilonga 8043	8058	89	59	290	151	0.0	0.0	0.0	36.3	2.5	11.6	2.3	74.3	1.1	13.1
4 Rattray_arnld(1)8121	8045	89	58	269	134	1.6	0.0	0.0	35.8	2.0	7.7	2.5	71.3	1.1	12.9
13 Across 7622 RE	7949	88	58	264	136	0.0	0.7	1.2	32.5	3.3	13.8	2.8	65.3	1.2	12.9
6 Qandajika 8022	7940	88	58	266	140	0.0	0.0	0.0	35.8	3.3	12.6	2.8	68.0	1.1	13.0
2 Omonita (1) 8121	7936	88	59	266	131	0.0	0.0	0.0	36.3	2.5	9.3	3.0	72.5	1.1	13.1
8 Ferke 8129	7839	87	58	263	125	0.0	0.0	1.3	36.3	3.0	9.9	2.8	71.5	1.1	12.8
14 Across 7729 RE	7756	86	58	258	124	0.0	0.0	0.6	33.5	3.3	14.5	2.8	67.8	1.2	12.9
3 Poza Rica 8121	7640	84	61	271	129	0.0	0.0	1.2	36.5	3.5	16.9	3.5	72.3	1.1	12.8
11 Kwadaso 8043	7547	83	60	286	150	0.0	0.0	0.6	32.8	2.8	9.3	3.3	63.8	1.1	13.0
1 Jardinopolis 8121	7465	82	59	264	133	0.0	0.0	0.0	33.3	3.0	6.6	2.8	70.8	1.3	13.1
9 Ferke (1) 8129	7156	79	58	256	131	0.0	0.0	0.6	32.3	2.8	13.8	3.3	69.0	1.1	12.9
12 Fanta Rosa 8073	7053	78	58	278	140	0.0	4.4	0.0	29.8	3.3	11.1	3.5	62.0	1.2	12.6
MEANS	7789	86	58	268	134	0.1	0.4	0.5	34.8	2.9	11.2	2.9	69.8	1.2	12.9
MAXIMUM	8571	95	61	290	151	1.6	4.4	1.3	40.0	3.5	16.9	3.5	75.8	1.3	13.1
MINIMUM	7053	78	57	255	118	0.0	0.0	0.0	29.8	2.0	6.6	2.3	62.0	1.1	12.6
CHECKS (TESTIGOS):															
16 (ZS225)	9053	-	51	263	125	0.0	0.0	0.6	38.0	2.0	1.8	1.0	76.5	1.0	12.8
15 (R201)	8974	-	51	258	118	0.6	0.0	5.4	38.0	3.0	6.1	1.0	78.8	1.0	12.9
CHECK MEANS	9013	-	51	260	121	0.3	0.0	3.0	38.0	2.5	3.9	1.0	77.6	1.0	12.8
5% LSD	919.1		1.4	12.1	13.3				5.9						0.3
C.V.	8.1		1.7	3.2	7.1				11.8						1.9

TABLE: 144-V-83

EVT12 YEAR 1983 CHINA NANNING

CO-OPERATOR: GUANGXI MAIZE RESEARCH INSTITUTE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
6 Qandajika 8022	3504	114	83	227	115	1.9	1.0	29.3	2.0	2.0	1.0	26.4
3 Poza Rica 8121	3468	113	83	222	111	0.9	1.0	30.0	2.0	1.5	1.0	27.2
12 Santa Rosa 8073	3451	113	82	237	119	0.9	1.0	30.0	2.5	1.3	1.0	26.6
9 Ferke (1) 8129	3449	113	83	218	109	0.0	1.0	29.5	1.8	2.0	1.0	26.8
13 Across 7622 RE	3379	110	83	220	113	0.0	1.5	30.0	1.5	2.0	1.0	26.4
4 Rattray_arnld(1)8121	3372	110	83	235	113	0.0	1.0	30.0	2.3	2.0	1.0	26.3
11 Kwadaso 8043	3371	110	84	240	122	0.0	1.0	29.8	2.0	2.0	0.9	28.7
8 Ferke 8129	3370	110	82	208	99	0.8	1.5	30.0	2.3	2.0	1.0	26.5
7 Poza Rica 8129	3354	110	83	213	100	0.7	1.0	30.0	2.5	2.0	1.0	26.9
5 Across 8121	3353	110	83	232	115	0.0	1.0	29.5	1.5	1.8	1.0	26.4
10 Ilonga 8043	3347	109	84	251	134	0.0	1.0	30.0	2.3	2.0	1.0	28.3
14 Across 7729 RE	3269	107	84	230	114	0.0	1.0	30.0	2.3	2.3	0.9	25.4
1 Jardinopolis 8121	3238	106	83	224	111	1.8	1.0	30.0	2.5	3.5	0.9	26.6
2 Omonita (1) 8121	2995	98	84	227	110	0.0	1.0	30.0	2.8	2.8	1.0	28.0
MEANS	3351	109	83	227	113	0.5	1.1	29.9	2.1	2.1	1.0	26.9
MAXIMUM	3504	114	84	251	134	1.9	1.5	30.0	2.8	3.5	1.0	28.9
MINIMUM	2995	98	82	208	99	0.0	1.0	29.3	1.5	1.3	0.9	25.4
CHECKS (TESTIGOS):												
16 KWEI DAN 16(SNGL C)	3061	-	82	226	106	3.4	1.0	29.5	2.5	1.8	1.0	22.9
15 TUXPENO 1	2678	-	86	208	106	0.0	1.5	30.0	2.8	2.3	0.9	31.6
CHECK MEANS	2870	-	83	216	105	1.7	1.3	29.8	2.6	2.0	0.9	27.3
5% LSD	280.4		1.4	11.6	8.5			0.6				2.0
C.V.	6.0		1.1	3.6	5.3			1.4				5.2

TABLE. 145-V-83

EVT12 YEAR 1983 THAILAND SUWAN

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	LEAF DIS.	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
10 Ilonga 8043	7802	88	54	225	126	6.9	4.1	4.2	2.3	2.0	3.0	43.0	2.5	2.8	27.9
11 Kwadaso 8043	6990	79	54	228	137	9.7	3.5	6.8	1.7	2.8	2.3	43.5	2.5	2.8	28.3
6 Gandajika 8022	6776	77	55	209	120	18.2	5.7	5.6	1.1	3.0	2.5	44.0	2.6	3.0	28.9
4 Rattray_arnld(1)8121	6445	73	54	217	120	12.5	6.8	10.5	0.6	3.0	2.3	44.0	2.8	3.5	27.3
12 Santa Rosa 8073	6250	71	53	222	124	34.1	8.5	10.0	2.8	3.0	3.0	44.0	3.5	3.8	27.2
13 Across 7622 RE	6248	71	54	216	125	30.7	4.5	15.5	1.7	2.5	3.0	44.0	3.6	3.0	27.0
1 Jardinopolis 8121	6070	69	54	210	119	33.2	5.2	11.4	1.1	2.8	2.8	43.5	3.3	3.3	28.6
3 Poza Rica 8121	6060	69	54	211	116	22.2	4.7	12.2	0.6	2.8	2.8	42.8	3.1	2.3	26.8
9 Ferke (1) 8129	5984	68	54	207	116	26.7	4.5	16.1	2.3	3.0	2.8	44.0	3.5	3.3	28.8
8 Ferke 8129	5944	67	53	195	114	27.7	4.6	12.9	1.1	2.8	3.0	43.3	3.4	3.0	28.9
7 Poza Rica 8129	5847	66	53	199	111	31.8	5.1	10.7	1.7	2.5	2.8	44.0	3.5	3.0	26.3
5 Across 8121	5728	65	54	219	122	32.0	6.4	12.2	2.8	2.5	2.3	43.0	3.0	3.5	28.0
2 Omonita (1) 8121	5265	60	54	204	111	36.9	5.7	21.4	2.8	2.8	2.5	44.0	3.3	3.5	29.4
14 Across 7729 RE	5249	59	55	211	119	39.2	7.4	15.4	5.7	3.0	2.3	44.0	3.0	3.8	30.3
MEANS	6190	70	54	212	120	25.8	5.5	11.8	2.0	2.7	2.6	43.6	3.1	3.2	28.1
MAXIMUM	7802	88	55	228	137	39.2	8.5	21.4	5.7	3.0	3.0	44.0	3.6	3.8	30.3
MINIMUM	5249	59	53	195	111	6.9	3.5	4.2	0.6	2.0	2.3	42.8	2.5	2.8	26.3
CHECKS (TESTIGOS):															
16 SUWAN 1-C8	8024	-	52	222	129	7.4	2.3	4.0	0.0	2.0	2.8	44.0	2.1	2.0	27.4
15 SUWAN 2-C6	6832	-	48	206	113	8.0	2.3	7.6	0.6	2.5	3.0	43.8	2.8	2.0	24.2
CHECK MEANS	7828	-	50	213	121	7.7	2.3	5.8	0.3	2.3	2.9	43.9	2.4	2.0	25.8
5% LSD	728.0		0.9	10.5	8.8							1.3			
C.V.	8.0		1.1	3.5	5.1							2.1			

TABLE: 146-V-83

EVT12 YEAR 1983 THAILAND SRISOMRONG

CO-OPERATOR: DR. KITISRI SUKHAPINDA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
1 Jardinopolis 8121	7125	147	56	224	119	3.6	1.8	41.5	1.5	1.1	82.5	1.0	27.4
11 Kwadaso 8043	6963	144	56	224	125	1.8	0.0	40.5	1.5	1.3	80.3	1.1	26.8
13 Across 7622 RE	6891	142	56	220	126	1.2	3.5	42.0	1.5	1.1	83.8	1.0	27.5
5 Across 8121	6843	141	56	221	123	4.1	1.2	42.8	1.6	1.3	85.3	1.0	26.0
9 Ferke (1) 8129	6841	141	56	222	124	4.0	1.8	43.5	1.6	1.0	86.5	1.0	26.5
12 Santa Rosa 8073	6744	139	55	224	126	5.9	4.7	42.8	1.9	1.1	85.0	1.0	25.5
10 Ilonga 8043	6724	139	54	239	135	1.2	0.6	43.3	1.5	1.0	86.5	1.0	27.0
6 Gandajika 8022	6684	138	56	220	121	3.5	1.8	42.8	1.6	1.4	85.3	1.0	27.7
2 Omonita (1) 8121	6606	136	57	221	112	3.0	1.8	41.8	1.5	1.3	83.3	1.0	27.5
8 Ferke 8129	6488	134	55	217	117	1.7	1.1	43.5	1.8	1.3	86.3	1.0	27.8
14 Across 7729 RE	6472	134	56	226	122	4.6	0.6	43.5	1.5	1.5	86.5	1.0	26.7
3 Poza Rica 8121	6368	131	55	221	120	2.4	1.2	40.8	1.5	1.3	81.3	1.1	27.0
7 Poza Rica 8129	6136	127	55	211	113	2.9	1.1	42.3	1.8	1.4	83.8	1.0	26.0
4 Rattray_arnld(1)8121	6127	126	57	224	122	4.1	4.2	41.8	1.7	1.0	82.8	1.0	28.2
MEANS	6644	137	56	222	122	3.1	1.8	42.3	1.6	1.2	84.2	1.0	27.0
MAXIMUM	7125	147	57	239	135	5.9	4.7	43.5	1.9	1.5	86.5	1.1	28.2
MINIMUM	6127	126	54	211	112	1.2	0.0	40.5	1.5	1.0	80.3	1.0	25.5
CHECKS (TESTIGOS):													
16 TF W-129	4844	-	56	214	116	6.3	1.7	34.8	2.1	1.5	64.0	1.0	27.9
15 SW1	3280	-	55	208	107	6.6	0.0	19.8	2.5	1.8	36.8	1.2	28.2
CHECK MEANS	4062	-	55	211	111	6.4	0.8	27.3	2.3	1.6	50.4	1.1	28.1
5% LSD	800.2		1.7	10.4	9.1			3.8					1.7
C.V.	8.9		2.1	3.3	5.3			6.6					4.3

TABLE: 147-V-83

EVT12 YEAR 1983 VIETNAM SONGBOI

CO-OPERATOR: DANG QUOC LAP

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	SCLER %	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	BORER %	PLNTS GERM	MOIST %
8 Ferke 8129	2797	128	52	145	72	16.8	6.6	47.6	2.3	40.8	2.8	2.5	52.1	87.0	28.2
4 Rattray_arnld(1)8121	2681	122	52	152	71	14.2	14.7	57.7	2.0	29.8	3.0	2.5	71.2	87.5	31.4
11 Kwadaso 8043	2548	116	53	160	74	7.1	5.8	46.0	2.0	42.8	2.8	2.5	49.8	85.0	32.7
9 Ferke (1) 8129	2451	112	52	150	70	14.4	4.8	41.9	2.0	44.5	2.3	2.5	47.9	86.0	29.6
6 Qandajika 8022	2046	93	53	153	71	6.9	7.3	48.7	1.5	41.5	2.5	2.8	62.4	86.0	37.3
10 Ilonga 8043	2008	92	53	169	80	14.2	4.1	51.6	2.5	38.5	2.8	3.0	63.0	86.8	32.7
7 Poza Rica 8129	1991	91	52	145	69	11.0	5.7	57.4	2.0	34.3	2.8	2.8	60.4	88.0	33.0
14 Across 7729 RE	1573	72	52	149	69	5.6	7.9	61.3	2.0	31.5	3.0	2.8	63.5	87.3	35.3
3 Poza Rica 8121	1480	68	52	150	72	18.6	8.9	66.3	2.0	24.5	3.0	2.5	68.4	87.5	26.5
2 Omonita (1) 8121	1413	64	54	147	63	6.1	4.4	65.1	1.8	29.0	3.0	2.3	52.3	87.5	32.3
12 Santa Rosa 8073	1373	63	52	162	75	22.9	5.0	61.2	2.3	27.0	3.0	2.8	50.2	87.0	30.7
1 Jardinopolis 8121	1300	59	54	158	70	9.0	5.2	71.1	1.5	21.3	2.8	2.8	71.9	86.8	29.8
13 Across 7622 RE	1223	56	52	143	69	20.4	7.8	63.4	2.0	28.5	3.0	2.8	63.8	88.0	31.6
5 Across 8121	1081	49	53	149	68	4.1	9.0	72.5	2.0	17.8	2.8	3.0	57.6	86.3	30.1
MEANS	1855	85	52	152	71	12.2	7.0	58.0	2.0	32.3	2.8	2.7	59.6	86.9	31.5
MAXIMUM	2797	128	54	169	80	22.9	14.7	72.5	2.5	44.5	3.0	3.0	71.9	88.0	37.3
MINIMUM	1081	49	52	143	63	4.1	4.1	41.9	1.5	17.8	2.3	2.3	47.9	85.0	26.5
CHECKS (TESTIGOS).															
15 VM1	2190	-	53	171	76	5.8	5.9	62.6	1.8	27.5	3.0	3.0	58.5	86.3	33.5
16 TH2A	1689	-	52	173	78	17.6	3.3	60.8	1.8	31.3	2.3	2.8	45.6	85.8	29.0
CHECK MEANS	1940	-	52	172	77	11.7	4.6	61.7	1.8	29.4	2.6	2.9	52.1	86.0	31.2
5% LSD	1305.2		1.6	12.4	8.6					10.6					
C.V.	49.1		2.1	5.6	8.4					23.4					

TABLE: 148-V-83 TRIAL: EVT12

YEAR: 1983 MEANS ACROSS 39 LOCATIONS

ENTRY NO AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
12 Santa Rosa 8073	4990	Tropical Late White Dent	102	61	216
10 Ilonga 8043	4971	La Posta	102	61	224
8 Ferke 8129	4959	Tuxpeño Caribe	102	61	197
6 Gandajika 8022	4896	Mezcla Tropical Blanca	100	61	208
7 Poza Rica 8129	4877	Tuxpeño Caribe	100	60	197
13 Across 7622 RE	4876	Mezcla Tropical Blanca	100	61	207
11 Kwadaso 8043	4840	La Posta	100	62	218
14 Across 7729 RE	4824	Tuxpeño Caribe	99	61	206
9 Ferke (1) 8129	4823	Tuxpeño Caribe	99	61	203
4 Rattray_arnld(1)8121	4795	Tuxpeño 1	98	61	214
3 Poza Rica 8121	4742	Tuxpeño 1	97	61	209
1 Jardinopolis 8121	4712	Tuxpeño 1	97	61	210
5 Across 8121	4706	Tuxpeño 1	96	62	210
2 Omonita (1) 8121	4459	Tuxpeño 1	91	62	205

TABLE: 149-V-83

EVT13 YEAR 1983 ARGENTINA LEALES

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	STEM LODG	PLANTS HARV	EARS/ PLNT	MOIST %
15 Muneng 8128	5959	100	5.7	34.5	1.1	19.8
21 Poza Rica 8136	5835	98	5.0	33.8	1.0	18.0
11 Guarare 8128	5683	95	12.1	30.8	1.1	18.0
13 Ferke 8128	5651	95	7.8	30.5	1.1	18.8
12 Guarare (1) 8128	5586	94	8.5	32.3	1.0	17.7
1 Suwan 8128	5521	93	8.9	33.3	1.1	18.5
14 Ferke (1) 8128	5449	92	10.9	32.3	1.0	18.7
23 Across 7728 RE	5406	91	5.2	28.5	1.2	18.3
10 La Molina (2) 8128	5373	90	8.7	31.8	1.1	18.8
19 Los Banos (1) 8136	5312	89	9.6	28.8	1.2	19.2
17 Across 8128	5258	88	6.8	30.0	1.1	19.5
6 Los Banos 8027	5202	87	6.1	32.8	1.0	19.5
18 Los Banos 8136	5157	87	10.2	30.3	1.0	18.0
7 Across 8027	5099	86	19.2	32.3	1.1	17.8
2 Iboperenda 8024	5045	85	6.6	24.8	1.2	18.3
3 Across 8024	5001	84	6.0	30.0	1.0	20.5
5 Iboperenda 8027	4916	83	6.4	27.5	1.2	18.5
9 La Molina (1) 8128	4906	82	7.4	34.3	0.9	20.0
22 Across 7627 RE	4771	80	7.8	29.3	1.2	18.0
8 La Molina 8128	4770	80	10.2	27.3	1.1	19.4
20 Londrina 8136	4672	78	8.9	30.0	1.0	19.5
1 Pichilingue (1) 7824	4518	76	10.5	28.5	1.0	20.0
4 Pichilingue (1) 7827	3871	65	5.4	29.5	1.0	19.0
MEANS	5172	87	8.4	30.5	1.1	18.9
MAXIMUM	5959	100	19.2	34.5	1.2	20.5
MINIMUM	3871	65	5.0	24.8	0.9	17.7
CHECKS (TESTIGOS):						
25 TROPICO 228	5954	-	13.0	30.8	1.1	17.0
24 LEALES 25	5505	-	11.1	29.3	1.1	16.8
CHECK MEANS	5729	-	12.0	30.0	1.1	16.9
5% LSD	886.7			5.3		
C.V.	12.1			12.4		

TABLE 150-V-83

EVT13 YEAR 1983 ARGENTINA BUENOS AIRES

CO-OPERATOR CRIADERO MORGAN

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	FUSC	PLANTS HARV	%BAD H.C	PLANT ASPECT	EARS/ PLNT	MOIST %
11 Guarare 8128	1902	92	195	98	6.6	0.9	2.5	34.8	7.2	3.9	0.8	11.1
6 Los Banos 8027	1885	91	198	91	7.2	1.5	2.3	35.5	12.3	2.5	0.8	10.7
5 Iboperenda 8027	1883	91	190	94	7.7	2.9	2.3	35.0	8.1	3.5	0.8	10.9
12 Guarare (1) 8128	1847	89	193	95	7.0	1.5	2.5	33.8	10.5	2.0	0.9	12.5
23 Across 7728 RE	1760	85	198	94	10.0	1.4	2.5	34.8	5.8	3.5	0.9	13.1
2 Iboperenda 8024	1758	85	173	79	10.7	1.5	2.3	32.3	10.4	3.8	0.8	13.2
16 Suwan 8128	1685	82	185	88	13.1	2.3	2.3	32.0	5.8	4.0	1.0	13.1
15 Muneng 8128	1625	79	170	83	9.0	3.5	2.5	35.3	2.8	3.5	0.8	13.7
21 Poza Rica 8136	1619	78	190	96	3.5	0.7	2.5	34.5	6.4	3.3	0.8	14.0
17 Across 8128	1584	77	198	90	5.1	1.5	2.3	34.5	7.8	2.0	0.8	13.2
13 Ferke 8128	1570	76	181	91	9.9	2.8	2.5	35.8	6.6	3.5	0.7	11.2
7 Across 8027	1551	75	193	95	9.2	1.4	2.3	32.8	11.6	3.3	0.9	13.7
10 La Molina (2) 8128	1544	75	180	80	10.3	2.9	2.3	36.0	4.3	3.5	0.7	12.7
22 Across 7627 RE	1542	75	186	93	2.8	0.7	2.3	35.3	9.4	3.3	0.8	12.8
20 Londrina 8136	1535	74	188	84	10.0	2.1	2.5	34.8	3.3	3.5	0.7	11.8
14 Ferke (1) 8128	1521	74	173	85	10.8	2.3	2.3	32.8	8.8	4.5	0.9	14.0
4 Pichilingue (1) 7827	1515	73	188	88	7.2	1.4	2.5	31.3	7.5	4.5	0.9	14.3
9 La Molina (1) 8128	1469	72	193	91	7.0	2.7	2.5	35.3	5.3	2.0	0.8	13.0
18 Los Banos 8136	1438	70	189	85	7.8	0.8	2.0	30.8	14.3	3.5	0.8	13.1
8 La Molina 8128	1333	65	185	83	10.4	3.0	2.5	33.3	6.7	3.3	0.8	15.0
19 Los Banos (1) 8136	1309	63	189	98	12.4	0.7	2.5	34.0	12.8	4.3	0.7	13.4
3 Across 8024	1109	54	183	91	7.2	0.7	2.8	31.8	11.1	4.0	0.6	13.6
1 Pichilingue (1) 7824	941	46	188	91	13.6	2.3	2.5	33.5	13.2	3.3	0.4	13.2
MEANS	1563	76	187	90	8.6	1.8	2.4	33.9	8.4	3.4	0.8	12.9
MAXIMUM	1902	92	198	98	13.6	3.5	2.8	36.0	14.3	4.5	1.0	15.0
MINIMUM	941	46	170	79	2.8	0.7	2.0	30.8	2.8	2.0	0.4	10.7
CHECKS (TESTIGOS):												
25 CARGILL TRIHIB 81	2065	-	188	91	9.9	0.7	2.3	34.5	10.6	3.5	0.8	13.8
24 MORGAN 400	1435	-	175	79	15.5	3.0	2.5	34.0	8.4	4.0	0.6	14.7
CHECK MEANS	1750	-	181	85	12.7	1.9	2.4	34.3	9.5	3.8	0.7	14.3
5% LSD	459.5		12.9	12.4				3.7				
C.V	20.7		4.9	9.9				7.8				

TABLE: 151-V-83

EVT13 YEAR 1983 BOLIVIA STA CRUZ

CO-OPERATOR: CARLOS MANCHEGO Y REINERIO ORTIZ

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
16 Suwan 8128	5771	153	58	200	107	6.9	1.9	1.4	40.0	1.0	21.2
13 Ferke 8128	5643	150	60	204	111	5.7	7.7	0.7	39.3	1.0	21.3
19 Los Banos (1) 8136	5466	145	58	193	104	6.3	1.9	1.8	40.0	1.0	20.4
12 Guarare (1) 8128	5253	140	59	201	110	8.2	5.1	0.7	39.8	0.9	21.5
17 Across 8128	5145	137	58	196	102	9.8	9.2	1.9	38.5	1.0	21.1
6 Los Banos 8027	5028	134	58	186	100	4.6	9.2	2.0	38.3	1.0	21.3
15 Muneng 8128	4956	132	58	192	107	7.6	6.4	0.6	39.3	1.0	21.5
21 Poza Rica 8136	4953	132	63	182	98	8.2	4.7	1.3	36.8	1.0	20.9
18 Los Banos 8136	4872	130	58	189	104	9.5	1.3	3.3	39.5	1.0	21.1
5 Iboperenda 8027	4793	127	58	202	110	8.2	5.1	3.8	39.0	0.9	21.0
10 La Molina (2) 8128	4738	126	61	205	114	10.0	8.1	3.0	39.8	0.9	21.3
23 Across 7728 RE	4673	124	64	203	112	9.8	3.8	1.4	39.8	0.9	21.5
22 Across 7627 RE	4671	124	62	202	107	5.2	3.9	2.0	39.3	0.9	20.6
11 Guarare 8128	4559	121	60	184	93	9.2	6.5	1.5	38.3	0.9	21.0
7 Across 8027	4502	120	58	187	97	7.5	8.2	3.4	39.8	0.9	21.0
14 Ferke (1) 8128	4462	119	60	193	101	6.3	7.6	2.7	39.3	0.9	21.7
8 La Molina 8128	4403	117	61	190	101	5.1	10.3	1.4	39.5	0.9	21.0
2 Iboperenda 8024	4357	116	60	183	94	7.3	0.0	0.0	38.0	0.9	21.2
9 La Molina (1) 8128	4312	115	60	191	101	8.8	6.9	2.0	39.8	0.9	21.3
3 Across 8024	4244	113	60	176	90	5.0	3.3	0.0	38.8	0.9	21.6
20 Londrina 8136	4062	108	58	188	103	9.0	8.3	1.5	36.3	0.9	21.7
4 Pichilingue (1) 7827	3940	105	63	183	92	3.2	3.9	1.4	38.5	0.9	21.6
1 Pichilingue (1) 7824	3576	95	60	167	81	9.5	2.5	5.9	39.3	0.8	21.5
MEANS	4712	125	60	191	102	7.4	5.5	1.9	39.0	0.9	21.2
MAXIMUM	5771	153	64	205	114	10.0	10.3	5.9	40.0	1.0	21.7
MINIMUM	3576	95	58	167	81	3.2	0.0	0.0	36.3	0.8	20.4
CHECKS (TESTIGOS):											
24 CUBANO-SAAVEDRA	3760	-	64	242	140	11.1	12.8	4.4	38.5	0.8	21.4
25 SUWAN-SAAVEDRA	3517	-	60	204	113	13.1	7.3	2.7	30.8	0.9	21.8
CHECK MEANS	3639	-	62	223	126	12.1	10.1	3.5	34.6	0.8	21.6
5% LSD	958.5		4.0	15.3	12.9				2.4		1.0
C.V.	14.7		4.7	5.6	8.8				4.4		3.3

TABLE: 152-V-83

EVT13 YEAR 1983 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	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
12 Guarare (1) 8128	9880	131	65	243	143	1.8	0.0	11.5	40.5	1.8	1.0	83.3	1.3	20.0
13 Ferke 8128	9522	126	65	250	150	1.2	0.6	12.8	39.0	1.3	1.3	64.8	1.3	19.3
16 Suwan 8128	9140	121	65	240	133	1.4	0.0	14.6	39.5	1.3	1.3	78.5	1.2	19.5
15 Muneng 8128	8959	119	66	233	139	1.2	0.6	16.9	43.0	1.8	1.0	82.3	1.2	20.9
20 Londrina 8136	8953	119	64	243	130	2.7	0.0	11.4	39.3	1.5	1.8	63.8	1.2	18.6
8 La Molina 8128	8944	119	65	250	143	1.8	1.3	14.0	41.0	1.3	1.3	80.8	1.2	19.7
23 Across 7728 RE	8840	117	66	245	148	0.7	0.0	14.6	37.8	1.5	1.0	79.5	1.3	21.0
7 Across 8027	8766	116	65	243	138	0.7	0.6	9.9	38.8	1.0	1.3	81.8	1.4	20.3
2 Iboperenda 8024	8660	115	66	253	148	0.6	0.0	13.7	39.0	1.3	1.5	81.0	1.2	19.6
5 Iboperenda 8027	8617	114	67	248	145	0.6	0.0	14.2	39.5	1.0	1.3	78.0	1.4	18.6
19 Los Banos (1) 8136	8575	114	63	233	135	0.8	0.0	14.2	38.8	1.0	1.0	77.3	1.1	19.9
14 Ferke (1) 8128	8551	113	65	250	155	0.6	0.6	16.8	40.5	2.3	1.3	78.5	1.2	18.6
6 Los Banos 8027	8338	111	65	245	140	0.7	0.0	18.2	38.0	2.3	1.5	75.3	1.4	20.4
17 Across 8128	8316	110	64	243	133	1.3	0.7	11.4	39.3	1.5	1.8	79.3	1.3	19.1
10 La Molina (2) 8128	8152	108	65	243	145	0.7	0.0	13.1	39.3	2.0	1.5	78.5	1.2	21.4
3 Across 8024	8146	108	66	258	138	0.0	0.6	19.4	40.0	2.0	1.5	77.3	1.1	19.3
9 La Molina (1) 8128	8022	106	66	243	135	0.0	0.0	12.1	41.3	1.8	1.5	81.8	1.2	21.2
22 Across 7627 RE	7973	106	65	245	138	0.0	0.0	9.6	38.8	2.3	1.5	78.0	1.3	19.5
11 Guarare 8128	7971	106	65	233	130	1.2	0.0	14.9	40.3	1.5	1.5	82.0	1.2	19.9
21 Poza Rica 8136	7965	106	64	220	125	2.0	0.0	15.9	38.5	1.8	2.0	73.8	1.1	18.0
18 Los Banos 8136	7656	102	65	230	130	0.5	0.0	16.8	42.0	2.0	1.5	81.5	1.2	18.3
1 Pichilingue (1) 7824	7227	96	65	233	138	1.9	0.0	17.0	38.0	2.3	1.3	80.8	1.2	20.0
4 Pichilingue (1) 7827	6390	85	66	215	118	1.3	0.0	23.6	38.3	2.5	2.0	76.8	1.1	21.0
MEANS	8416	112	65	241	138	1.0	0.2	14.6	39.6	1.7	1.4	78.0	1.2	19.7
MAXIMUM	9880	131	67	258	155	2.7	1.3	23.6	43.0	2.5	2.0	83.3	1.4	21.4
MINIMUM	6390	85	63	215	118	0.0	0.0	9.6	37.8	1.0	1.0	63.8	1.1	18.0
CHECKS (TESTIGOS):														
24 CUBANO AMARILLO	7537	-	70	298	185	0.0	4.1	17.3	28.0	1.8	1.0	55.8	1.4	18.6
25 AMARILLO CRISTALINO	6914	-	65	248	138	0.0	0.0	10.4	27.8	1.3	1.8	51.5	1.4	21.8
CHECK MEANS	7226	-	67	272	161	0.0	2.1	13.8	27.9	1.5	1.4	53.6	1.4	20.2
5% LSD	1611.4		1.6	23.8	19.7				4.7					1.9
C.V.	13.7		1.7	6.9	10.0				8.6					6.9

TABLE: 153-V-83

EVT13 YEAR 1983 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	EARS/ PLNT	MOIST %
20 Londrina 8136	4526	104	78	164	74	4.6	13.6	1.9	38.5	3.3	19.2	2.3	1.1	18.5
7 Across 8027	4295	99	80	186	89	1.8	12.2	0.6	41.0	3.3	18.3	2.3	1.0	19.9
16 Suwan 8128	4271	98	78	184	83	1.3	21.0	1.2	39.8	3.0	12.3	2.5	1.1	18.8
9 La Molina (1) 8128	4146	95	80	171	66	5.0	7.5	3.2	40.3	3.8	12.5	2.8	1.0	18.8
13 Ferke 8128	4074	94	78	171	80	3.2	10.9	1.8	39.0	3.8	9.1	2.8	1.1	18.2
19 Los Banos (1) 8136	3968	91	79	165	76	2.5	8.8	2.6	40.0	3.5	8.3	2.3	1.0	17.5
15 Muneng 8128	3842	88	80	175	89	3.1	22.6	0.0	40.5	3.5	8.3	3.0	1.0	18.5
8 La Molina 8128	3826	88	79	181	85	6.1	25.1	3.7	40.5	4.3	8.7	2.8	1.0	18.4
12 Guarare (1) 8128	3796	87	79	173	89	4.3	14.3	0.6	40.0	3.8	7.0	2.5	1.0	17.6
18 Los Banos 8136	3784	87	79	180	84	4.4	17.5	3.7	40.0	3.5	20.5	2.5	1.0	17.8
14 Ferke (1) 8128	3743	86	80	176	71	3.1	20.0	1.9	40.0	3.5	4.9	3.0	1.0	18.5
10 La Molina (2) 8128	3655	84	80	183	71	3.7	13.3	1.8	39.8	4.0	10.9	2.3	1.0	18.2
11 Guarare 8128	3580	82	80	168	74	1.9	10.7	0.6	39.5	3.8	8.4	2.5	1.1	17.9
5 Iboperenda 8027	3376	78	82	176	75	3.9	10.7	3.0	39.3	3.5	9.9	3.3	1.1	18.1
23 Across 7728 RE	3371	78	83	181	80	1.8	11.0	3.1	39.3	4.3	8.7	2.5	1.0	20.0
6 Los Banos 8027	3324	77	81	164	81	1.9	14.8	2.6	39.8	4.3	10.0	3.0	1.0	18.7
21 Poza Rica 8136	3298	76	81	158	68	1.9	6.2	2.5	40.0	4.5	6.2	2.5	1.0	16.9
1 Pichilingue (1) 7824	3258	75	82	171	79	3.7	14.4	3.2	40.3	4.5	8.5	3.0	1.0	17.0
2 Iboperenda 8024	3228	74	82	173	70	2.5	2.5	1.2	39.8	4.3	8.2	2.8	1.0	18.4
22 Across 7627 RE	3194	74	82	174	76	1.3	13.0	5.7	40.3	4.5	17.7	3.0	1.0	18.6
17 Across 8128	3163	73	84	169	69	3.8	4.0	3.2	39.3	4.0	6.9	2.8	1.0	18.8
3 Across 8024	3013	69	82	168	68	2.5	13.6	1.3	39.3	4.5	9.3	2.3	1.0	18.0
4 Pichilingue (1) 7827	2960	68	85	165	63	0.6	9.3	4.1	40.3	4.5	8.7	2.8	1.0	21.2
MEANS	3639	84	81	173	76	3.0	12.9	2.3	39.8	3.9	10.5	2.7	1.0	18.4
MAXIMUM	4526	104	85	186	89	6.1	25.1	5.7	41.0	4.5	20.5	3.3	1.1	21.2
MINIMUM	2960	68	78	158	63	0.6	2.5	0.0	38.5	3.0	4.9	2.3	1.0	16.9
CHECKS (TESTIGOS):														
24 XL 560	4343	-	81	186	86	5.7	14.5	7.1	35.5	3.5	4.4	2.8	1.2	18.9
25 AG 301	3609	-	82	186	93	2.8	6.8	1.4	34.5	4.0	10.8	2.3	1.0	22.2
CHECK MEANS	3976	-	81	186	89	4.2	10.7	4.3	35.0	3.8	7.6	2.5	1.1	20.5
5% LSD	1089.1		3.0	17.2	17.1				3.1					1.6
C.V.	21.1		2.6	7.0	15.7				5.7					6.1

TABLE: 154-V-83

EVT13 YEAR 1983 BRAZIL RIBEIRO PRETO

CO-OPERATOR: SEMENTES REIS DE OURO LTDA.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	SPODO	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
12 Guarare (1) 8128	6668	127	54	229	123	0.6	2.9	0.6	1.0	1.0	42.5	1.3	0.6	1.3	13.8
19 Los Banos (1) 8136	6426	122	53	213	113	2.5	2.4	1.9	1.3	1.3	40.3	1.3	0.0	1.0	13.7
16 Suwan 8128	6380	122	54	231	124	0.0	3.0	3.6	1.3	1.5	42.0	1.8	1.8	1.5	14.3
11 Guarare 8128	6316	120	55	224	116	1.8	5.4	2.4	1.5	1.5	41.8	1.8	3.0	1.3	14.2
13 Ferke 8128	6265	119	54	234	126	2.3	4.7	5.0	1.5	1.3	42.8	2.0	0.6	1.5	14.3
17 Across 8128	6207	118	54	231	120	0.6	1.8	3.7	1.5	1.0	41.0	1.5	3.1	1.5	13.9
14 Ferke (1) 8128	6012	115	55	229	120	2.9	3.0	3.0	1.5	1.3	42.3	1.5	0.6	1.8	14.4
21 Poza Rica 8136	5967	114	53	215	111	4.4	5.0	3.2	1.8	1.0	40.0	1.5	1.9	1.8	13.9
15 Muneng 8128	5963	114	55	225	121	1.3	12.0	3.2	1.5	1.5	40.3	1.5	0.6	1.8	15.5
23 Across 7728 RE	5917	113	56	231	128	1.3	5.2	1.3	1.3	1.3	41.3	1.5	0.6	1.5	13.6
3 Across 8024	5780	110	55	224	120	2.5	11.5	1.8	1.5	1.5	41.0	2.0	1.3	2.0	14.8
20 Londrina 8136	5758	110	55	210	113	0.6	10.8	2.5	2.0	1.3	39.8	1.8	1.9	2.0	13.8
6 Los Banos 8027	5740	109	54	216	114	1.2	3.0	3.0	1.8	1.0	41.3	1.3	1.8	1.5	14.8
8 La Molina 8128	5549	106	55	234	123	0.6	5.6	0.6	1.5	1.5	41.3	2.0	3.1	1.8	13.9
7 Across 8027	5540	106	55	230	120	0.0	3.7	4.6	1.5	1.3	40.8	1.5	0.0	1.8	14.8
22 Across 7627 RE	5528	105	54	228	113	2.3	1.2	1.3	1.0	1.3	40.8	1.3	1.2	1.0	14.2
2 Iboperenda 8024	5498	105	56	219	119	0.6	9.3	1.3	1.5	1.3	40.8	1.8	0.6	1.5	14.0
9 La Molina (1) 8128	5469	104	55	225	123	1.2	10.5	2.3	1.8	1.3	41.5	1.5	1.2	2.3	14.6
18 Los Banos 8136	5467	104	54	226	116	3.1	6.0	2.9	1.5	1.3	40.8	1.8	1.8	1.5	14.1
5 Iboperenda 8027	5284	101	55	236	126	0.6	6.3	1.3	1.5	1.3	43.0	1.3	0.6	1.8	14.7
10 La Molina (2) 8128	5271	100	54	234	120	2.6	11.6	2.6	1.8	1.5	38.8	1.8	1.3	2.0	14.5
4 Pichilingue (1) 7827	5155	98	56	213	109	0.6	0.0	6.9	2.0	1.5	39.8	2.0	3.7	2.0	15.2
1 Pichilingue (1) 7824	4398	84	55	203	105	1.3	9.3	1.6	1.5	1.3	35.8	2.3	3.2	1.8	14.8
MEANS	5763	110	55	224	118	1.5	5.8	2.6	1.5	1.3	40.8	1.6	1.5	1.6	14.3
MAXIMUM	6668	127	56	236	128	4.4	12.0	6.9	2.0	1.5	43.0	2.3	3.7	2.3	15.5
MINIMUM	4398	84	53	203	105	0.0	0.0	0.6	1.0	1.0	35.8	1.3	0.0	1.0	13.6
CHECKS (TESTIGOS):															
24 RO 220	5247	-	57	315	201	1.2	4.5	9.9	2.0	1.8	40.3	2.0	3.1	3.0	14.9
25 RO 60	4168	-	58	271	161	0.9	10.0	10.1	2.0	1.3	32.3	2.3	2.4	2.8	14.0
CHECK MEANS	4707	-	57	293	181	1.1	7.2	10.0	2.0	1.5	36.3	2.1	2.7	2.9	14.4
5% LSD	814.4		1.6	13.8	11.0						2.9				
C.V.	10.2		2.0	4.3	6.4						5.1				

TABLE: 155-V-83

EVT13 YEAR 1983 BRAZIL BARRETOS

CO-OPERATOR: DEKALB

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
16 Suwan 8128	6069	84	60	217	118	21.2	19.8	2.4	42.8	0.9	16.2
17 Across 8128	6044	84	60	227	122	22.8	17.5	6.3	42.5	1.0	17.9
10 La Molina (2) 8128	6014	83	60	232	123	18.2	21.3	2.7	41.5	1.1	17.1
8 La Molina 8128	5989	83	60	226	129	25.9	17.6	3.5	42.5	1.0	16.6
9 La Molina (1) 8128	5978	83	60	236	132	23.3	17.3	5.4	44.0	0.9	16.1
15 Muneng 8128	5933	82	60	217	114	26.8	26.3	1.7	42.0	1.0	17.3
12 Guarare (1) 8128	5865	82	60	228	124	21.5	11.1	4.3	42.3	1.0	17.0
23 Across 7728 RE	5841	81	60	219	128	25.5	13.4	2.4	41.3	1.0	17.2
14 Ferke (1) 8128	5814	81	60	225	120	27.3	25.0	4.1	43.3	1.0	17.1
11 Guarare 8128	5793	80	59	223	119	25.7	31.5	1.7	42.8	1.0	16.4
6 Los Banos 8027	5674	79	60	219	125	20.4	11.9	5.1	41.0	1.0	17.1
7 Across 8027	5617	78	60	217	121	14.3	7.0	4.3	42.0	1.0	17.1
13 Ferke 8128	5590	78	60	220	116	19.5	23.4	4.2	43.5	1.0	17.5
19 Los Banos (1) 8136	5585	77	59	213	106	34.9	20.4	2.5	40.3	1.0	17.0
21 Poza Rica 8136	5574	77	59	215	117	32.2	20.7	1.8	41.3	1.0	16.0
18 Los Banos 8136	5515	76	59	222	121	35.9	3.5	4.3	42.5	1.1	17.0
22 Across 7627 RE	5304	74	60	228	120	15.6	14.4	4.2	42.0	1.0	17.7
3 Across 8024	5209	72	60	215	112	24.3	21.6	2.3	43.3	0.9	18.0
2 Iboperenda 8024	5208	72	60	217	120	20.8	29.6	4.4	42.3	0.9	17.4
5 Iboperenda 8027	5188	72	60	228	124	20.9	6.5	2.5	41.8	1.0	16.9
20 Londrina 8136	5148	71	59	214	117	47.5	24.0	0.9	39.5	0.9	16.8
4 Pichilingue (1) 7827	4993	69	61	206	115	9.2	8.4	1.4	41.5	0.9	16.6
1 Pichilingue (1) 7824	4693	65	60	208	107	37.0	38.9	4.1	40.0	1.0	17.2
MEANS	5594	78	60	220	120	24.8	18.7	3.3	42.0	1.0	17.0
MAXIMUM	6069	84	61	236	132	47.5	38.9	6.3	44.0	1.1	18.0
MINIMUM	4693	65	59	206	106	9.2	3.5	0.9	39.5	0.9	16.0
CHECKS (TESTIGOS):											
25 LOCAL CHECK 2	7211	-	60	248	141	22.7	27.5	0.6	41.0	1.1	17.3
24 LOCAL CHECK 1	4841	-	60	221	116	20.8	43.0	5.2	41.3	1.0	16.5
CHECK MEANS	6026	-	59	234	128	21.8	35.3	2.9	41.1	1.1	16.9
5% LSD	579.9		0.6	13.9	10.1				3.2		1.3
C.V.	7.3		0.7	4.5	6.0				5.4		5.6

TABLE: 156-V-83

EVT13 YEAR 1983 BRAZIL PARANA

CO-OPERATOR: OCEPAR

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	ENDO HARD	PLANTS HARV	EAR ASPCT	PLNTS GERM	EARS/ PLNT	MOIST %
16 Suwan 8128	5921	121	69	185	101	9.6	4.2	3.2	2.0	3.0	42.3	1.8	84.0	0.9	19.1
8 La Molina 8128	5876	120	70	184	101	16.8	6.4	4.7	2.0	3.0	42.8	2.0	84.8	1.0	18.9
19 Los Banos (1) 8136	5853	120	67	183	94	28.3	3.6	4.8	2.8	3.3	41.5	2.0	83.3	1.0	18.0
20 Londrina 8136	5761	118	68	170	91	14.2	3.0	5.4	2.0	3.0	42.3	2.0	84.0	1.0	18.4
23 Across 7728 RE	5627	115	71	183	104	18.7	7.2	3.1	2.0	3.0	41.5	2.3	83.3	1.0	19.4
14 Ferke (1) 8128	5610	115	70	180	105	16.1	6.5	7.7	2.0	3.0	42.3	2.3	83.8	0.9	19.3
21 Poza Rica 8136	5506	113	67	165	86	10.1	4.3	5.0	2.0	3.5	42.0	2.5	84.0	1.0	18.6
17 Across 8128	5485	112	68	180	89	16.7	4.8	6.3	2.0	3.0	41.5	2.0	82.8	1.0	19.3
11 Guarare 8128	5477	112	69	176	94	15.9	7.7	4.2	2.3	3.0	42.0	2.0	83.8	1.0	19.4
18 Los Banos 8136	5448	111	68	183	103	29.9	2.9	3.0	2.8	3.0	42.5	2.0	84.5	0.9	18.4
6 Los Banos 8027	5310	109	71	178	94	8.9	2.4	6.5	2.8	2.0	42.3	2.3	84.3	1.0	19.3
12 Guarare (1) 8128	5295	108	70	184	113	11.8	4.2	7.2	2.0	2.8	42.0	2.3	63.5	0.9	19.5
10 La Molina (2) 8128	5281	108	70	183	88	13.6	13.0	6.6	2.0	3.0	40.5	2.5	81.5	0.9	19.4
9 La Molina (1) 8128	5268	108	70	176	96	14.0	9.3	5.6	2.8	2.8	42.8	2.5	84.8	0.9	18.5
15 Muneng 8128	5213	107	71	178	100	15.6	3.6	2.5	2.0	3.0	42.3	2.0	84.3	0.9	19.0
5 Iboperenda 8027	5149	105	71	179	99	12.9	3.5	11.6	2.0	2.3	43.0	2.5	85.3	1.0	18.4
13 Ferke 8128	5017	103	70	165	89	16.9	6.0	4.0	2.0	3.0	41.3	2.0	82.0	0.9	18.8
3 Across 8024	4998	102	71	174	103	20.4	11.2	5.5	2.8	3.0	42.0	2.3	83.8	1.0	18.6
22 Across 7627 RE	4836	99	70	195	106	11.4	5.3	4.7	2.0	2.0	41.3	2.3	82.3	0.9	18.5
7 Across 8027	4747	97	71	179	105	7.7	1.2	25.3	2.0	2.0	42.3	2.3	80.5	0.9	19.3
1 Pichilingue (1) 7824	4463	91	71	171	94	22.1	9.1	7.9	2.0	3.0	42.3	2.5	83.8	0.9	18.5
2 Iboperenda 8024	4453	91	71	170	96	15.5	7.2	5.7	2.8	2.8	42.0	2.0	84.0	0.9	18.6
4 Pichilingue (1) 7827	4033	83	72	168	81	8.9	5.4	9.7	2.8	2.0	42.0	2.8	83.3	0.9	18.9
MEANS	5245	107	70	178	97	15.5	5.7	6.5	2.2	2.8	42.0	2.2	82.7	0.9	18.9
MAXIMUM	5921	121	72	195	113	29.9	13.0	25.3	2.8	3.5	43.0	2.8	85.3	1.0	19.5
MINIMUM	4033	83	67	165	81	7.7	1.2	2.5	2.0	2.0	40.5	1.8	63.5	0.9	18.0
CHECKS (TESTIGOS):															
24 PIRANAO VD-2	4887	-	77	199	113	12.0	12.9	9.4	2.8	3.8	38.5	2.8	77.5	1.0	20.5
25 COMP PLTA BAIXA DEN	4440	-	77	179	106	7.0	4.0	10.2	2.0	3.5	37.8	2.8	76.0	0.9	20.1
CHECK MEANS	4664	-	76	188	109	9.5	8.4	9.8	2.4	3.6	38.1	2.8	76.8	1.0	20.3
5% LSD	626.4		1.7	14.7	17.8						2.5				1.0
C.V.	8.5		1.7	5.8	12.9						4.3				3.6

TABLE: 157-V-83

EVT13 YEAR 1983 COLOMBIA TURIPANA

CO-OPERATOR

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
11 Guarare 8128	3097	179	53	220	112	3.0	61.5	0.8	20.8
13 Ferke 8128	2925	169	52	231	117	3.0	65.0	0.7	20.9
12 Guarare (1) 8128	2738	158	52	224	117	7.4	60.5	0.8	19.9
3 Across 8024	2736	158	52	226	116	5.5	56.8	0.8	21.0
9 La Molina (1) 8128	2722	157	52	216	105	4.7	60.5	0.8	20.9
15 Muneng 8128	2644	153	52	216	102	6.8	63.0	0.7	20.8
16 Suwan 8128	2518	145	52	209	101	3.0	61.8	0.7	21.3
10 La Molina (2) 8128	2308	133	52	224	116	4.1	65.3	0.6	20.7
7 Across 8027	2265	131	52	221	112	11.2	59.0	0.7	19.8
18 Los Banos 8136	2172	125	52	220	116	5.0	55.5	0.7	20.1
8 La Molina 8128	2144	124	52	213	101	5.7	60.3	0.7	19.4
1 Pichilingue (1) 7824	2047	118	51	203	101	8.8	57.5	0.7	20.3
5 Iboperenda 8027	2046	118	53	211	109	7.3	63.5	0.6	19.8
19 Los Banos (1) 8136	1968	114	51	203	101	14.3	55.3	0.7	19.8
2 Iboperenda 8024	1911	110	53	208	108	6.3	57.8	0.6	20.1
14 Ferke (1) 8128	1842	106	52	210	95	6.5	59.5	0.6	20.1
17 Across 8128	1818	105	52	206	95	2.7	59.5	0.6	21.6
22 Across 7627 RE	1690	98	53	209	96	6.9	59.5	0.6	20.4
20 Londrina 8136	1682	97	52	201	95	4.3	57.3	0.6	20.0
21 Poza Rica 8136	1316	76	51	177	84	6.8	52.3	0.6	19.7
23 Across 7728 RE	1302	75	52	201	90	6.8	50.8	0.6	20.6
4 Pichilingue (1) 7827	1286	74	52	189	84	5.5	48.3	0.6	20.4
6 Los Banos 8027	1157	67	51	185	80	6.9	60.5	0.5	20.6
MEANS	2101	121	52	210	102	6.2	58.7	0.7	20.4
MAXIMUM	3097	179	53	231	117	14.3	65.3	0.8	21.6
MINIMUM	1157	67	51	177	80	2.7	48.3	0.5	19.4
CHECKS (TESTIGOS):									
25 ICA H 154	1733	-	57	221	110	1.4	53.5	0.7	20.1
24 MB-115	1694	-	53	212	102	3.2	45.0	0.7	19.9
CHECK MEANS	1714	-	54	216	106	2.3	49.3	0.7	20.0
5% LSD	969.5		1.6	23.1	19.4		11.3		1.7
C.V.	33.2		2.2	7.8	13.4		13.9		6.1

TABLE: 158-V-83

EVT13 YEAR 1983 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	CURV	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
11 Guarare 8128	6878	107	66	203	108	11.3	1.1	16.5	1.5	2.0	42.3	2.3	15.1	3.3	18.2
8 La Molina 8128	6535	102	64	215	115	13.8	0.6	33.4	2.0	2.0	43.5	2.8	15.6	3.5	18.5
14 Ferke (1) 8128	6437	100	65	203	114	8.3	0.0	29.0	1.3	2.0	42.0	2.5	16.0	3.0	18.0
23 Across 7728 RE	6397	99	67	213	120	20.2	0.0	18.1	2.0	2.0	42.3	2.0	19.1	3.5	18.3
18 Los Banos 8136	6392	99	63	211	114	16.3	0.6	38.1	1.3	1.8	43.3	2.8	16.7	3.8	18.5
10 La Molina (2) 8128	6245	97	65	203	105	10.4	2.4	24.8	1.5	2.0	41.3	2.5	13.9	3.3	18.6
19 Los Banos (1) 8136	6227	97	62	203	110	13.4	0.6	22.6	1.5	2.3	41.3	2.8	12.1	3.8	17.9
5 Iboperenda 8027	6210	97	66	203	108	9.1	1.7	28.5	1.3	2.0	44.0	2.8	7.2	3.3	17.7
3 Across 8024	6143	95	67	200	110	12.3	0.0	23.0	1.5	2.0	39.0	2.3	14.2	3.3	18.6
13 Ferke 8128	6129	95	66	205	103	7.6	0.6	33.8	1.5	1.8	42.5	2.8	17.0	3.0	18.6
20 Londrina 8136	6038	94	64	195	105	24.1	2.3	28.6	1.3	2.0	42.5	2.3	14.4	3.5	18.7
12 Guarare (1) 8128	6009	93	65	215	110	16.0	1.2	28.1	1.8	2.0	42.5	2.5	11.1	3.5	17.9
16 Suwan 8128	5926	92	66	185	100	13.0	0.6	27.9	1.5	2.0	41.8	2.8	21.9	4.0	18.6
7 Across 8027	5853	91	67	210	116	11.4	0.0	34.2	1.8	2.3	41.5	2.8	18.4	3.5	18.1
9 La Molina (1) 8128	5835	91	66	200	110	12.8	0.6	29.9	1.5	2.0	42.3	2.5	16.8	3.8	18.3
21 Poza Rica 8136	5805	90	65	183	98	12.1	0.0	24.4	1.8	2.0	41.0	2.5	12.8	3.5	18.2
2 Iboperenda 8024	5804	90	69	186	98	10.7	0.6	22.0	1.5	2.0	41.3	2.5	11.6	3.0	18.5
17 Across 8128	5750	89	67	198	105	9.2	0.0	25.4	1.8	2.3	42.5	2.0	11.7	3.3	18.6
15 Muneng 8128	5748	89	66	203	115	9.6	0.0	18.6	1.8	2.0	41.0	2.5	12.1	3.5	18.2
6 Los Banos 8027	5689	88	65	208	113	13.4	1.2	40.6	1.8	2.0	42.5	3.0	18.5	3.5	18.7
1 Pichilingue (1) 7824	5529	86	67	188	105	15.5	1.2	31.9	1.5	2.3	42.0	2.8	14.9	3.3	19.3
22 Across 7627 RE	5499	85	66	195	103	13.3	0.0	26.2	1.8	2.0	43.3	2.5	8.1	3.5	18.1
4 Pichilingue (1) 7827	5005	78	68	180	98	6.6	0.0	26.5	1.5	1.8	41.3	2.8	18.7	3.5	18.4
MEANS	6004	93	66	200	108	12.6	0.7	27.5	1.6	2.0	42.0	2.5	14.7	3.4	18.3
MAXIMUM	6878	107	69	215	120	24.1	2.4	40.6	2.0	2.3	44.0	3.0	21.9	4.0	19.3
MINIMUM	5005	78	62	180	98	6.6	0.0	16.5	1.3	1.8	39.0	2.0	7.2	3.0	17.7
CHECKS (TESTIGOS):															
24 PIONEER 6875	6434	-	72	201	105	5.6	6.0	41.0	1.3	2.0	45.0	3.0	17.2	2.8	17.9
25 GUARANI V-311	4623	-	82	225	135	18.9	12.5	28.0	1.0	2.0	38.5	2.8	9.6	4.0	18.4
CHECK MEANS	5526	-	76	213	120	12.3	9.2	34.5	1.1	2.0	41.8	2.9	13.4	3.4	18.1
5% LSD	647.0		2.5	23.0	14.4						2.6				
C V.	7.7		2.7	8.1	9.4						4.3				

TABLE: 159-V-83

EVT13 YEAR 1983 PERU PIURA

CO-OPERATOR: MARCO NEVADO. HUGO SANCHEZ. PROGRAMA DE MAIZ

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
16 Suwan 8128	7232	120	67	200	99	35.3	1.2	27.9
13 Ferke 8128	7222	120	68	202	97	37.8	1.1	26.6
11 Guarare 8128	6998	116	68	190	88	35.3	1.2	26.9
19 Los Banos (1) 8136	6676	111	67	199	91	35.8	1.1	26.5
17 Across 8128	6397	106	69	202	97	32.8	1.1	27.6
10 La Molina (2) 8128	6361	106	70	193	85	37.8	1.0	26.1
12 Guarare (1) 8128	6229	103	69	204	98	36.0	1.1	29.8
14 Ferke (1) 8128	6203	103	70	205	91	32.0	1.2	28.0
23 Across 7728 RE	6025	100	71	215	106	32.5	1.1	29.0
22 Across 7627 RE	5358	89	68	198	92	35.5	1.0	25.9
2 Iboperenda 8024	5189	86	71	185	88	36.5	1.0	30.3
15 Muneng 8128	5150	85	70	183	86	33.8	1.0	28.9
5 Iboperenda 8027	5149	85	71	190	83	35.5	1.0	28.5
9 La Molina (1) 8128	5108	85	71	183	88	35.0	1.1	29.7
6 Los Banos 8027	5042	84	71	179	81	33.8	1.1	29.6
21 Poza Rica 8136	5042	84	68	171	79	32.3	1.0	25.6
20 Londrina 8136	4915	82	72	163	67	31.5	1.1	27.2
4 Pichilingue (1) 7827	4815	80	72	187	81	25.3	1.4	28.5
3 Across 8024	4670	78	71	180	82	34.5	1.0	28.3
18 Los Banos 8136	4355	72	72	179	77	31.8	1.0	26.6
1 Pichilingue (1) 7824	4320	72	71	155	60	33.8	1.0	25.8
7 Across 8027	4114	68	72	185	82	33.8	1.0	29.7
8 La Molina 8128	3635	60	71	182	[illegible]	30.3	1.0	28.9
MEANS	5487	91	70	188	86	33.8	1.1	27.9
MAXIMUM	7232	120	72	215	106	37.8	1.4	30.3
MINIMUM	3635	60	67	155	60	25.3	1.0	25.6
CHECKS (TESTIGOS):								
24 PM-701	6025	-	74	234	122	28.0	1.0	22.0
25 PIURA-81-23	3310	-	55	150	71	17.3	0.9	19.6
CHECK MEANS	4667	-	64	191	96	22.6	1.0	20.8
5% LSD	2029.4		10.9	37.6	23.3	6.7		6.9
C.V.	26.6		11.1	14.1	19.0	14.4		17.8

TABLE: 160-V-83

EVT13 YEAR 1983 PERU CANETE

CO-OPERATOR: ANTONIO MANRIQUE CH. JORGE NAKAHODO N.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
11 Guarare 8128	5523	94	0.0	57.0	1.0	24.6
12 Guarare (1) 8128	5468	94	0.9	55.0	1.0	23.5
9 La Molina (1) 8128	5064	87	0.5	52.5	1.0	23.4
18 Los Banos 8136	5023	86	0.0	54.5	1.0	23.1
13 Ferke 8128	4857	83	0.0	55.5	1.0	24.4
16 Suwan 8128	4838	83	0.4	52.0	1.0	22.3
7 Across 8027	4820	82	0.8	52.5	1.0	21.7
3 Across 8024	4818	82	0.4	59.0	0.9	21.8
10 La Molina (2) 8128	4816	82	0.0	52.8	1.0	22.1
14 Ferke (1) 8128	4774	82	0.0	56.3	0.9	21.2
8 La Molina 8128	4754	81	0.0	54.0	1.0	23.5
17 Across 8128	4714	81	1.9	49.5	1.1	24.1
20 Londrina 8136	4704	80	0.9	55.0	1.0	21.4
5 Iboperenda 8027	4545	78	1.1	53.3	1.1	21.3
6 Los Banos 8027	4469	76	1.0	51.3	1.0	22.3
15 Muneng 8128	4417	76	0.0	55.3	1.0	23.8
21 Poza Rica 8136	4413	75	1.1	50.5	1.0	20.4
2 Iboperenda 8024	4273	73	0.0	57.8	0.9	23.5
19 Los Banos (1) 8136	4195	72	0.0	49.8	1.0	21.9
23 Across 7728 RE	4173	71	0.0	54.0	1.0	25.1
22 Across 7627 RE	4014	69	0.0	58.8	0.8	22.9
4 Pichilingue (1) 7827	3821	65	2.0	49.0	0.9	23.6
1 Pichilingue (1) 7824	2997	51	0.0	54.3	0.8	21.2
MEANS	4586	78	0.5	53.9	1.0	22.7
MAXIMUM	5523	94	2.0	59.0	1.1	25.1
MINIMUM	2997	51	0.0	49.0	0.8	20.4
CHECKS (TESTIGOS):						
25 PM-212	5846	-	0.0	51.5	0.9	24.4
24 PM-701	4594	-	0.0	51.5	0.9	24.3
CHECK MEANS	5220	-	0.0	51.5	0.9	24.3
5% LSD	1005.3			6.6		1.9
C.V.	15.4			8.8		5.9

TABLE: 161-V-83

EVT13 YEAR 1983 BELIZE SAN PEDRO

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT
19 Los Banos (1) 8136	2446	197	55	153	84	1.6	18.7	3.0	29.8	3.0	2.5	43.3	1.1
22 Across 7627 RE	2021	163	56	180	100	3.0	29.4	3.5	33.3	4.5	3.0	43.5	1.0
9 La Molina (1) 8128	2007	161	58	143	79	1.9	9.7	3.5	27.8	3.8	3.3	42.5	1.2
15 Muneng 8128	2006	161	58	153	82	1.6	9.6	2.8	25.3	3.8	2.8	42.3	9.5
1 Pichilingue (1) 7824	1959	158	56	139	70	3.1	19.5	3.5	25.8	3.5	2.0	43.8	1.2
11 Guarare 8128	1816	146	57	160	90	3.8	18.0	3.8	26.0	3.8	3.5	43.8	1.2
21 Poza Rica 8136	1801	145	56	158	86	4.2	17.0	3.8	31.3	3.8	3.0	42.3	1.0
14 Ferke (1) 8128	1798	145	56	173	95	2.5	11.3	3.5	31.3	3.5	2.5	43.8	1.1
20 Londrina 8136	1768	142	57	154	83	4.9	6.0	3.5	32.3	3.8	2.5	43.8	1.1
12 Guarare (1) 8128	1702	137	57	155	85	3.5	24.8	4.5	30.8	3.5	3.3	42.3	1.0
3 Across 8024	1697	137	57	160	83	5.6	11.5	3.8	26.8	3.3	2.5	43.0	1.3
4 Pichilingue (1) 7827	1677	135	60	140	66	1.9	10.3	3.0	27.3	3.0	2.0	39.8	1.1
13 Ferke 8128	1662	134	58	153	81	0.8	8.0	3.5	29.0	3.8	3.0	42.0	1.1
17 Across 8128	1635	131	57	164	85	4.0	15.5	2.5	27.8	3.8	2.5	42.3	1.1
10 La Molina (2) 8128	1631	131	57	159	83	1.4	12.2	4.0	30.5	3.0	3.0	42.3	1.0
6 Los Banos 8027	1575	127	56	151	82	1.7	16.6	3.5	29.5	3.8	3.3	43.5	1.1
18 Los Banos 8136	1528	123	58	157	83	3.0	20.1	4.0	34.0	4.5	2.8	43.8	0.9
8 La Molina 8128	1515	122	57	156	82	1.7	21.0	3.5	29.3	3.5	2.8	41.8	1.0
2 Iboperenda 8024	1489	120	57	160	84	2.3	31.5	3.5	30.8	4.0	2.5	43.0	0.9
16 Suwan 8128	1475	119	57	159	87	4.4	24.7	4.8	29.8	4.3	2.5	42.3	1.0
5 Iboperenda 8027	1441	116	59	152	77	1.7	16.0	4.5	25.3	4.5	2.5	41.3	1.2
23 Across 7728 RE	1284	103	60	158	82	1.5	11.1	3.5	29.8	3.3	2.3	42.5	1.0
7 Across 8027	1223	98	58	154	81	1.8	18.7	3.5	27.8	3.3	2.8	41.5	1.3
MEANS	1702	137	57	156	83	2.7	16.6	3.6	29.2	3.7	2.7	42.6	1.5
MAXIMUM	2446	197	60	180	100	5.6	31.5	4.8	34.0	4.5	3.5	43.8	9.5
MINIMUM	1223	98	55	139	66	0.8	6.0	2.5	25.3	3.0	2.0	39.8	0.9
CHECKS (TESTIGOS):													
24 VS-550	1243	-	62	194	116	3.3	5.0	2.5	26.0	3.0	1.8	38.3	1.0
25 LOCAL YELLOW CORN	878	-	73	227	165	8.7	7.8	3.5	25.0	3.3	2.8	42.0	1.1
CHECK MEANS	1061	-	67	210	140	6.0	6.4	3.0	25.5	3.1	2.3	40.1	1.0
5% LSD	802.4		1.7	25.0	13.3				5.7				
C.V.	34.5		2.1	11.0	14.8				14.1				

TABLE: 162-V-83

EVT13 YEAR 1983 BELIZE BLUE CREEK

CO-OPERATOR:

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 %
20 Londrina 8136	678	218	54	147	68	64.0	11.8	4.0	34.7	4.5	34.5	1.5	16.7
22 Across 7627 RE	642	206	54	167	77	77.3	11.3	4.5	21.1	4.3	39.3	1.6	17.7
18 Los Banos 8136	609	196	54	158	76	81.5	12.8	4.8	26.6	4.0	38.3	1.2	16.8
21 Poza Rica 8136	571	184	53	152	72	82.7	12.5	4.5	28.9	4.0	38.3	1.3	17.1
19 Los Banos (1) 8136	554	178	52	154	72	83.9	13.0	4.3	21.1	3.8	40.0	1.4	17.7
23 Across 7728 RE	513	165	55	156	76	71.6	11.0	4.3	38.5	4.5	37.5	1.5	17.6
3 Across 8024	495	159	55	153	71	77.6	10.0	4.3	36.3	4.3	39.0	1.4	17.5
10 La Molina (2) 8128	483	155	54	161	75	84.2	11.5	4.3	23.6	4.5	33.3	1.3	16.9
5 Iboperenda 8027	448	144	55	148	68	77.1	9.0	4.0	25.9	4.5	34.5	1.5	17.6
12 Quarare (1) 8128	397	128	55	155	70	64.0	8.0	4.0	11.5	4.5	34.8	1.8	17.7
14 Ferke (1) 8128	384	123	54	151	72	71.8	9.0	4.0	19.2	4.5	40.3	1.3	17.4
15 Muneng 8128	377	121	54	152	73	71.7	7.8	4.0	29.0	4.3	36.8	1.6	17.5
1 Pichilingue (1) 7824	367	118	53	135	57	76.7	9.0	4.0	38.8	4.5	37.0	1.4	17.6
17 Across 8128	351	113	54	158	74	94.9	10.5	5.0	15.2	4.3	37.5	1.4	16.7
7 Across 8027	333	107	54	152	70	81.4	8.0	4.5	27.3	4.8	31.3	1.5	17.3
6 Los Banos 8027	332	107	55	140	63	75.4	8.0	4.3	14.4	4.8	34.0	1.5	18.0
2 Iboperenda 8024	323	104	55	139	67	78.9	8.5	4.5	20.9	4.5	42.3	1.4	17.3
9 La Molina (1) 8128	286	92	54	154	75	40.5	7.3	2.8	15.1	4.8	32.8	1.2	17.5
13 Ferke 8128	278	89	54	150	69	82.6	10.0	4.3	29.4	4.5	37.8	1.3	16.8
8 La Molina 8128	273	88	55	157	72	63.5	7.0	3.8	28.6	5.0	35.3	1.3	17.2
4 Pichilingue (1) 7827	270	87	55	140	65	72.9	6.5	4.0	31.8	4.3	34.5	1.7	17.2
11 Quarare 8128	269	86	54	147	67	61.7	8.3	3.5	23.0	4.5	34.3	1.4	17.2
16 Suwan 8128	187	60	56	146	64	75.0	6.5	4.3	47.5	4.5	38.5	1.2	17.4
MEANS	410	132	54	151	70	74.4	9.4	4.2	26.4	4.4	36.6	1.4	17.3
MAXIMUM	678	218	56	167	77	94.9	13.0	5.0	47.5	5.0	42.3	1.8	18.0
MINIMUM	187	60	52	135	57	40.5	6.5	2.8	11.5	3.8	31.3	1.2	16.7
CHECKS (TESTIGOS):													
24 VS-550	311	-	57	175	97	63.1	8.0	3.5	6.9	4.5	35.0	1.5	16.6
25 LOCAL YELLOW CORN	140	-	74	214	133	56.9	3.5	3.5	12.5	4.3	40.3	1.8	17.9
CHECK MEANS	225	-	65	194	115	60.0	5.8	3.5	9.7	4.4	37.6	1.6	17.3
5% LSD	337.8		2.0	17.7	11.5		5.0						1.0
C. V.	60.7		2.5	8.1	11.1		38.8						4.2

TABLE: 163-V-83

EVTi3 YEAR 1983 MEXICO OBREGON(2)

CO-OPERATOR: O. COTA Y J. M. VALENZUELA

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 %
16 Suwan 8128	8458	94	70	234	133	1.2	9.2	2.1	43.5	4.0	8.7	3.3	1.1	25.8
9 La Molina (1) 8128	8289	93	69	229	139	3.4	10.2	2.0	44.0	3.9	13.6	3.3	1.1	24.5
14 Ferke (1) 8128	8259	92	69	225	124	2.9	3.5	0.6	41.8	4.3	6.1	3.4	1.1	25.2
10 La Molina (2) 8128	8202	92	68	225	116	7.4	5.7	1.6	43.8	4.3	14.9	3.3	1.0	25.3
21 Poza Rica 8136	8147	91	66	218	123	2.3	6.3	1.2	43.5	4.0	9.2	3.3	1.0	23.2
15 Muneng 8128	8144	91	70	230	130	3.0	18.3	0.0	42.0	4.3	15.7	3.4	1.1	26.5
13 Ferke 8128	8060	90	69	229	120	2.9	10.5	3.4	43.0	3.9	12.9	3.5	1.0	24.2
12 Guarare (1) 8128	8008	89	70	220	121	5.4	13.5	1.7	42.5	3.9	6.5	3.5	1.1	24.7
23 Across 7728 RE	7967	89	74	224	123	4.6	11.0	1.0	43.0	3.9	14.2	3.4	1.1	25.1
18 Los Banos 8136	7959	89	68	225	121	5.2	10.9	3.2	43.8	3.5	13.7	3.3	1.1	24.8
11 Guarare 8128	7903	88	68	231	131	4.0	11.6	5.7	43.5	3.8	22.8	2.9	1.1	24.4
6 Los Banos 8027	7877	88	68	215	116	3.0	6.5	3.0	42.3	4.3	12.3	3.5	1.2	25.1
20 Londrina 8136	7750	87	70	218	114	5.3	7.7	2.0	42.8	3.5	11.2	2.8	1.1	23.9
17 Across 8128	7729	86	70	233	124	1.2	7.6	2.2	42.8	3.5	10.0	2.9	1.1	25.1
3 Across 8024	7654	86	73	213	113	2.3	14.3	2.8	43.8	3.9	13.2	3.5	1.0	25.3
19 Los Banos (1) 8136	7629	85	66	220	126	1.7	2.8	5.6	44.0	3.8	2.8	3.0	1.0	23.8
7 Across 8027	7624	85	70	225	127	4.3	7.6	7.8	42.5	3.9	16.5	3.0	1.1	25.0
8 La Molina 8128	7461	83	72	226	126	2.3	14.2	2.7	42.8	3.8	11.1	3.3	1.0	25.0
5 Iboperenda 8027	7186	80	70	231	131	4.5	9.3	2.8	43.3	3.9	16.3	3.6	1.1	25.4
2 Iboperenda 8024	7027	78	73	206	114	4.8	9.4	2.3	42.3	3.8	8.4	3.3	1.0	26.2
22 Across 7627 RE	6925	77	70	229	128	0.0	5.2	1.1	40.5	3.6	18.5	3.4	1.1	24.7
1 Pichilingue (1) 7824	6755	75	71	202	113	2.9	4.6	1.8	43.3	3.4	9.8	3.0	1.0	24.6
4 Pichilingue (1) 7827	6715	75	72	213	109	1.2	5.3	5.5	42.5	3.6	14.1	4.0	1.2	28.0
MEANS	7727	86	70	223	123	3.3	8.9	2.7	42.9	3.8	12.3	3.3	1.1	25.0
MAXIMUM	8458	94	74	234	139	7.4	18.3	7.8	44.0	4.3	22.8	4.0	1.2	28.0
MINIMUM	6715	75	66	202	109	0.0	2.8	0.0	40.5	3.4	2.8	2.8	1.0	23.2
CHECKS (TESTIGOS):														
24 V-455	8952	-	70	221	125	2.4	3.7	1.2	40.5	4.1	12.3	3.5	1.1	25.6
25 V-526	8820	-	75	228	145	3.5	13.9	0.6	43.0	4.1	8.2	3.5	1.0	26.8
CHECK MEANS	8886	-	72	224	135	3.0	8.8	0.9	41.8	4.1	10.3	3.5	1.0	26.2
5% LSD	758.3		4.0	15.9	15.1				2.4					1.9
C.V.	6.9		4.1	5.1	8.7				3.9					5.3

TABLE: 164-V-83

EVT13 YEAR 1983 CUBA TOMEGUIN

CO-OPERATOR: JORGE BETANCOURT

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	VIRUS %	STEM LODG	ROOT LODG	%EAR ROT	PUCC POLY	HELM TURC	HELM	PLANTS HARV	PLANT ASPECT	MOIST %
12 Quarare (1) 8128	8051	115	68	209	112	6.0	0.6	30.0	3.0	1.8	2.3	3.5	37.3	3.3	21.2
17 Across 8128	7996	114	68	209	106	4.8	0.0	19.1	0.0	1.8	1.5	2.8	36.8	3.3	21.6
14 Ferke (1) 8128	7965	113	66	218	119	8.0	0.0	9.7	0.6	2.0	2.3	2.3	36.5	3.0	23.3
6 Los Banos 8027	7722	110	67	214	117	4.3	0.0	10.0	0.6	2.0	2.5	2.0	36.5	2.8	21.3
11 Quarare 8128	7587	108	68	201	104	6.3	0.8	14.9	0.6	2.0	2.0	2.3	35.3	2.0	25.2
8 La Molina 8128	7528	107	69	212	117	5.5	0.7	18.6	0.0	1.8	2.5	2.5	35.0	2.8	20.8
19 Los Banos (1) 8136	7496	107	65	198	107	5.5	1.5	9.5	0.7	1.8	2.3	3.0	36.5	2.5	20.0
10 La Molina (2) 8128	7414	105	66	215	119	6.0	0.6	19.4	2.6	2.5	2.0	3.3	37.3	3.8	23.0
20 Londrina 8136	7401	105	67	198	102	5.5	0.0	7.3	0.7	1.3	2.0	2.0	36.8	2.3	21.9
16 Suwan 8128	7398	105	69	201	109	6.0	0.0	26.8	1.8	1.8	2.3	2.8	34.3	2.8	26.5
9 La Molina (1) 8128	7320	104	69	211	116	6.3	0.0	14.2	1.9	2.0	2.0	3.0	36.8	2.3	23.7
3 Across 8024	7305	104	69	209	111	8.3	0.0	30.0	1.3	2.8	1.8	3.0	31.8	2.5	23.5
21 Poza Rica 8136	7038	100	66	189	112	7.8	0.8	3.7	2.5	1.8	2.8	3.0	32.5	2.3	19.4
1 Pichilingue (1) 7824	6937	99	69	187	103	10.0	0.0	18.2	1.4	2.5	2.0	2.5	30.8	2.3	21.8
23 Across 7728 RE	6932	99	70	214	125	7.0	0.0	23.4	2.0	1.8	2.5	2.8	33.0	3.0	24.7
13 Ferke 8128	6893	98	68	205	110	7.3	0.0	5.6	2.4	2.8	2.0	3.3	34.3	2.5	24.6
15 Muneng 8128	6816	97	68	210	115	7.0	0.0	11.3	1.4	2.0	2.0	2.8	35.0	2.5	24.2
18 Los Banos 8136	6790	97	67	208	114	7.0	0.8	1.6	2.0	1.5	2.5	3.3	33.8	3.3	24.9
2 Iboperenda 8024	6713	95	69	208	119	8.0	0.0	20.3	0.0	2.5	1.8	2.0	32.0	2.5	25.3
7 Across 8027	6680	95	69	214	116	8.5	0.0	6.9	0.6	2.0	2.5	2.3	32.0	3.0	26.3
5 Iboperenda 8027	6573	93	68	207	103	8.3	0.0	17.2	0.0	2.3	2.0	2.3	33.5	2.8	26.8
22 Across 7627 RE	6470	92	68	209	113	7.5	0.0	5.3	0.6	2.8	2.5	3.3	32.3	3.0	22.6
4 Pichilingue (1) 7827	5954	85	69	198	109	6.5	0.0	4.2	0.5	2.0	2.3	3.0	30.8	2.5	24.1
MEANS	7173	102	68	206	112	6.8	0.3	14.2	1.2	2.0	2.2	2.7	34.3	2.7	23.3
MAXIMUM	8051	115	70	218	125	10.0	1.5	30.0	3.0	2.8	2.8	3.5	37.3	3.8	26.8
MINIMUM	5954	85	65	187	102	4.3	0.0	1.6	0.0	1.3	1.5	2.0	30.8	2.0	19.4
CHECKS (TESTIGOS):															
24 HD T-77	7032	-	71	259	164	9.3	2.7	47.2	1.4	1.5	1.5	1.8	36.5	4.3	26.2
25 HD T-90	7002	-	72	246	150	7.0	19.3	55.8	0.7	2.8	1.0	2.0	35.0	5.0	22.3
CHECK MEANS	7017	-	71	252	156	8.1	11.0	51.5	1.0	2.1	1.3	1.9	35.8	4.6	24.2
5% LSD	852.0		1.3	11.2	14.5								5.1		
C.V.	8.4		1.3	3.8	8.9								10.5		

TABLE: 165-V-83

EVT13 YEAR 1983 CUBA VELASCO

CO-OPERATOR: J. BETANCOURT

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 %
12 Guarare (1) 8128	5616	123	53	205	99	3.7	3.2	5.4	17.1	4.3	2.5	39.8	2.5	3.0	24.0
20 Londrina 8136	5478	120	53	196	99	10.0	0.7	5.4	14.0	4.5	2.3	37.0	2.5	2.5	22.6
8 La Molina 8128	5436	119	52	204	109	2.5	0.7	9.1	14.5	3.5	2.3	39.8	3.5	3.0	20.6
18 Los Banos 8136	5315	117	51	206	108	2.7	1.2	5.8	12.1	4.3	3.0	39.0	3.3	3.5	26.2
21 Poza Rica 8136	4957	109	53	167	84	3.1	0.0	2.5	16.7	3.0	3.3	40.3	3.3	3.0	22.9
15 Muneng 8128	4947	109	52	199	111	3.8	1.3	11.3	14.6	3.8	2.5	39.3	2.8	3.5	25.6
10 La Molina (2) 8128	4852	107	52	208	107	5.4	1.3	6.1	15.2	3.0	2.8	36.3	2.5	3.3	25.7
14 Ferke (1) 8128	4844	106	51	193	97	5.0	1.9	6.4	14.3	3.3	2.8	40.5	2.8	3.0	25.5
5 Iboperenda 8027	4827	106	52	200	100	4.3	0.6	3.1	21.2	4.3	2.3	39.8	2.5	3.5	22.4
3 Across 8024	4816	106	53	190	97	2.9	2.1	5.3	14.5	4.0	3.3	36.0	3.0	3.0	24.9
23 Across 7728 RE	4812	106	54	202	104	1.9	0.6	13.2	21.2	2.5	2.3	38.5	3.3	2.8	28.4
9 La Molina (1) 8128	4795	105	52	225	101	4.5	0.0	6.3	20.9	3.8	2.5	38.0	3.0	3.0	24.1
2 Iboperenda 8024	4707	103	54	180	98	1.4	5.0	6.6	18.3	3.3	2.5	37.3	3.0	2.8	29.7
19 Los Banos (1) 8136	4664	102	51	192	95	6.4	1.9	5.5	14.7	2.8	3.3	38.3	3.3	3.0	24.0
22 Across 7627 RE	4579	101	53	195	97	1.4	3.4	9.2	22.4	4.0	2.0	37.3	2.8	3.0	26.5
11 Guarare 8128	4545	100	52	193	90	1.9	0.6	7.5	17.0	4.0	2.8	38.0	3.3	3.3	26.7
17 Across 8128	4489	99	53	190	103	1.3	0.0	6.4	23.5	3.0	3.5	40.0	3.0	3.0	24.0
6 Los Banos 8027	4336	95	53	183	88	1.9	0.6	4.9	15.8	3.8	2.5	38.5	2.5	3.8	28.3
13 Ferke 8128	4181	92	52	194	101	2.5	0.6	3.7	18.6	3.0	2.5	39.3	3.0	2.8	36.9
1 Pichilingue (1) 7824	4121	90	54	182	95	2.6	3.3	13.0	22.5	4.3	2.5	38.0	3.5	3.0	27.1
7 Across 8027	4021	88	53	194	88	1.9	0.7	9.0	25.8	3.8	2.0	38.8	2.8	[illegible]	30.4
4 Pichilingue (1) 7827	4008	88	53	189	93	2.4	1.3	8.3	18.0	4.3	2.5	40.3	2.8	3.3	28.0
16 Suwan 8128	3890	85	52	192	97	6.1	0.7	9.8	25.2	2.5	2.8	37.5	2.8	2.8	35.2
MEANS	4706	103	52	195	98	3.5	1.4	7.1	18.2	3.6	2.6	38.6	2.9	3.0	26.5
MAXIMUM	5616	123	54	225	111	10.0	5.0	13.2	25.8	4.5	3.5	40.5	3.5	3.8	36.9
MINIMUM	3890	85	51	167	84	1.3	0.0	2.5	12.1	2.5	2.0	36.0	2.5	2.5	20.6
CHECKS (TESTIGOS):															
25 HD T-90	4555	-	57	250	150	3.6	8.6	8.7	18.4	3.8	2.3	34.0	3.0	4.0	28.3
24 HD T-77	4154	-	56	241	133	1.6	0.7	6.0	14.5	2.5	1.8	34.0	3.0	3.5	38.9
CHECK MEANS	4355	-	56	245	141	2.6	4.6	7.3	16.5	3.1	2.0	34.0	3.0	3.8	33.6
5% LSD	797.2		2.1	22.3	15.7							3.6			
C.V.	12.1		2.8	8.0	10.9							6.7			

TABLE: 166-V-83

EVT13 YEAR 1983 JAMAICA BODLES

CO-OPERATOR: R. ROYER F. SPENCER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	PLANTS HARV	EAR ASPCT	INSECT DAMAGE	PLNTS GERM	EARS/ PLNT	MOIST %
11 Guarare 8128	5957	104	59	212	121	20.6	43.8	2.3	2.3	43.8	1.0	18.7
20 Londrina 8136	5738	100	59	199	118	18.9	42.3	2.0	2.3	42.3	0.9	18.1
6 Los Banos 8027	5726	100	60	214	125	10.5	43.0	2.3	2.0	43.3	1.0	19.1
19 Los Banos (1) 8136	5707	99	59	208	121	14.8	42.3	2.0	2.3	43.3	1.0	18.0
15 Muneng 8128	5637	98	60	211	128	14.1	42.8	3.0	2.3	42.8	1.0	19.1
13 Ferke 8128	5573	97	60	217	121	14.1	42.8	3.0	2.5	43.0	0.9	19.6
12 Guarare (1) 8128	5565	97	60	205	125	12.7	43.5	2.5	2.3	43.5	0.9	17.8
17 Across 8128	5478	95	60	211	127	10.8	43.8	2.8	2.3	43.3	1.0	18.8
10 La Molina (2) 8128	5429	94	60	211	106	11.0	43.3	2.8	2.5	43.8	1.0	19.1
18 Los Banos 8136	5339	93	59	209	120	12.4	42.5	2.8	2.5	43.0	0.9	16.1
21 Poza Rica 8136	5238	91	60	205	125	15.5	43.5	2.8	2.5	44.0	0.9	18.4
14 Ferke (1) 8128	5234	91	60	204	122	14.4	41.[illegible]	2.8	3.0	43.0	1.0	19.0
16 Suwan 8128	5163	90	60	217	131	8.2	42.8	2.8	2.8	42.8	0.9	19.9
1 Pichilingue (1) 7824	5128	89	60	199	114	19.2	43.0	2.5	2.3	43.0	0.9	18.8
5 Iboperenda 8027	5117	89	60	199	108	19.8	43.0	2.5	2.3	43.3	1.0	17.9
4 Pichilingue (1) 7827	5116	89	60	208	119	17.9	43.3	2.3	2.0	43.8	1.0	19.0
7 Across 8027	5093	89	60	209	123	9.9	43.0	3.3	2.3	43.5	1.0	18.9
9 La Molina (1) 8128	4949	86	61	196	117	9.1	41.8	2.8	2.8	43.0	1.0	18.7
3 Across 8024	4868	85	61	203	128	7.4	43.8	3.5	3.0	44.0	0.9	18.6
8 La Molina 8128	4774	83	60	200	114	18.3	42.5	2.8	2.5	42.5	0.9	18.8
2 Iboperenda 8024	4677	81	61	197	117	16.0	42.0	3.3	2.5	43.5	0.9	19.7
23 Across 7728 RE	4637	81	62	188	111	13.2	43.3	3.3	2.8	43.8	0.9	19.4
22 Across 7627 RE	4190	73	61	207	123	13.3	43.3	2.8	2.8	43.3	0.9	17.7
MEANS	5232	91	60	206	120	14.0	42.9	2.7	2.4	43.3	0.9	18.7
MAXIMUM	5957	104	62	217	131	20.6	43.8	3.5	3.0	44.0	1.0	19.9
MINIMUM	4190	73	59	188	106	7.4	41.8	2.0	2.0	42.3	0.9	16.1
CHECKS (TESTIGOS):												
24 PIONEER X 304A	5753	-	62	210	122	22.3	43.8	2.8	2.5	44.0	0.9	19.8
25 MD II	3174	-	64	227	140	26.1	17.3	2.8	1.8	17.5	0.9	17.6
CHECK MEANS	4463	-	62	218	130	24.2	30.5	2.8	2.1	30.8	0.9	18.7
5% LSD	1049.0		1.5	19.3	19.0		2.2					2.0
C.V.	14.4		1.8	6.6	11.2		3.7					7.6

TABLE: 167-V-83

EVT13 YEAR 1983 MALI SOTUBA

CO-OPERATOR: S. R. C. V. O.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	PLANTS HARV	EARS/ PLNT	MOIST %
14 Ferke (1) 8128	3890	126	53	253	130	1.6	33.3	1.0	11.4
21 Poza Rica 8136	3734	121	53	224	121	1.8	33.5	1.0	11.7
4 Pichilingue (1) 7827	3538	115	54	210	106	0.0	31.8	1.0	11.9
17 Across 8128	3390	110	53	215	116	1.7	32.3	1.0	11.4
22 Across 7627 RE	3294	107	53	230	118	2.4	31.5	1.0	11.2
2 Iboperenda 8024	3257	106	54	224	116	0.0	30.8	1.0	11.4
15 Muneng 8128	3072	100	53	213	109	2.6	28.0	1.0	11.4
9 La Molina (1) 8128	3038	98	54	233	121	3.6	31.5	1.0	11.2
12 Guarare (1) 8128	3019	98	53	236	119	1.9	28.8	1.0	11.7
23 Across 7728 RE	3001	97	53	231	120	3.4	31.0	1.0	11.4
18 Los Banos 8136	2858	93	53	224	119	5.0	28.8	1.0	11.2
3 Across 8024	2855	93	53	211	109	0.0	28.5	1.0	12.6
1 Pichilingue (1) 7824	2855	93	53	205	106	1.0	27.3	1.0	12.4
19 Los Banos (1) 8136	2830	92	52	210	113	1.7	26.3	1.0	11.4
6 Los Banos 8027	2788	90	52	220	114	0.0	33.5	1.0	11.8
11 Guarare 8128	2703	88	54	208	108	2.2	27.3	1.0	11.7
5 Iboperenda 8027	2687	87	54	231	116	1.8	29.5	1.0	11.1
7 Across 8027	2655	86	54	219	115	1.9	27.5	1.0	11.3
8 La Molina 8128	2572	83	54	235	126	3.9	27.3	1.0	13.0
20 Londrina 8136	2165	70	54	205	104	3.9	26.3	1.0	10.7
10 La Molina (2) 8128	2122	69	54	223	116	3.0	25.3	1.0	11.5
13 Ferke 8128	1561	51	53	218	113	3.6	22.5	1.0	12.1
16 Suwan 8128	1397	45	53	204	108	11.7	19.8	1.0	11.1
MEANS	2838	92	53	221	115	2.6	28.8	1.0	11.6
MAXIMUM	3890	126	54	253	130	11.7	33.5	1.0	13.0
MINIMUM	1397	45	52	204	104	0.0	19.8	1.0	10.7
CHECKS (TESTIGOS).									
24 TIEMANTIE	3086	-	55	250	133	1.0	23.0	1.0	11.8
25 TIEMANTIE	1823	-	55	235	126	0.0	15.8	1.0	11.1
CHECK MEANS	2454	-	55	242	129	0.5	19.4	1.0	11.4
5% LSD	1460.2		1.5	22.2	12.9		10.6		1.5
C.V.	36.9		2.0	7.1	7.9		26.9		9.4

TABLE: 168-V-83

EVT13 YEAR 1983 SIERRA LEONE NJALA

CO-OPERATOR: ACRE PROJECT

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 %
20 Londrina 8136	2005	148	57	147	77	5.4	1.4	19.9	1.3	36.5	1.5	1.5	1.0	35.1
14 Ferke (1) 8128	1993	147	57	159	75	3.4	3.4	19.6	1.0	37.0	1.0	1.3	1.0	33.8
15 Muneng 8128	1892	140	56	146	78	7.5	4.0	16.1	1.0	36.8	1.5	1.5	1.0	33.0
16 Suwan 8128	1806	133	58	154	78	5.4	0.0	20.9	1.5	33.8	1.0	1.3	1.0	34.3
7 Across 8027	1763	130	58	147	78	7.2	2.1	22.3	1.5	35.0	1.3	1.3	1.0	33.7
22 Across 7627 RE	1730	128	57	162	82	5.3	2.9	19.3	1.3	34.5	1.3	1.3	1.0	35.5
13 Ferke 8128	1700	126	56	152	78	5.7	5.2	20.5	1.0	34.5	1.5	1.8	1.0	36.7
2 Iboperenda 8024	1699	125	59	149	78	6.5	1.9	13.8	1.8	36.5	1.0	1.3	1.0	35.5
23 Across 7728 RE	1687	125	56	152	80	2.8	4.1	17.4	1.3	36.0	1.5	1.8	1.0	37.0
5 Iboperenda 8027	1678	124	58	142	72	6.1	3.5	11.0	1.3	31.5	1.3	1.3	1.0	36.7
11 Guarare 8128	1649	122	57	138	72	2.9	2.2	19.4	1.0	34.8	1.0	1.0	1.0	35.8
12 Guarare (1) 8128	1645	121	58	147	79	8.1	6.9	20.4	1.3	34.8	1.3	1.3	1.0	36.1
17 Across 8128	1636	121	58	142	69	9.5	1.5	14.7	1.3	32.5	1.0	1.3	1.0	36.7
3 Across 8024	1611	119	56	133	69	5.0	4.6	15.9	1.0	35.0	1.3	1.3	1.0	37.5
18 Los Banos 8136	1610	119	58	147	77	3.5	1.6	24.1	1.3	34.0	1.3	1.5	1.0	36.3
9 La Molina (1) 8128	1610	119	58	148	75	8.8	4.0	16.3	1.3	36.5	1.0	1.3	1.0	35.5
6 Los Banos 8027	1608	119	56	167	71	11.8	6.1	14.4	1.0	30.3	1.8	1.8	1.0	34.7
19 Los Banos (1) 8136	1575	116	56	139	77	8.4	1.3	16.7	1.5	36.0	1.5	2.0	1.0	34.6
8 La Molina 8128	1574	116	58	143	69	6.4	4.0	20.8	1.3	32.8	1.0	1.3	1.0	37.3
21 Poza Rica 8136	1549	114	57	133	66	6.7	0.7	17.4	1.5	34.0	1.5	1.5	1.0	37.2
4 Pichilingue (1) 7827	1422	105	58	128	64	7.7	3.2	13.7	1.0	30.0	1.3	1.3	1.0	31.8
10 La Molina (2) 8128	1307	97	57	152	66	7.8	2.9	12.8	1.5	32.3	1.3	1.8	1.0	33.9
1 Pichilingue (1) 7824	1295	96	58	129	62	1.7	3.4	15.5	1.0	31.3	1.5	1.8	1.0	34.7
MEANS	1654	122	57	146	74	6.2	3.1	17.5	1.2	34.2	1.3	1.4	1.0	35.4
MAXIMUM	2005	148	59	167	82	11.8	6.9	24.1	1.8	37.0	1.8	2.0	1.0	37.5
MINIMUM	1295	96	56	128	62	1.7	0.0	11.0	1.0	30.0	1.0	1.0	1.0	31.8
CHECKS (TESTIGOS):														
24 WESTERN YELLOW	1355	-	54	143	80	7.4	1.4	19.3	1.3	30.8	1.8	1.8	1.0	38.9
25 TALCOO	1070	-	57	166	79	8.3	2.3	22.3	1.5	27.5	1.8	2.0	1.0	35.3
CHECK MEANS	1212	-	55	154	79	7.8	1.9	20.8	1.4	29.1	1.8	1.9	1.0	37.1
5% LSD	428.2		2.7	21.5	12.5					6.3				4.9
C.V.	18.8		3.4	10.4	11.9					13.3				9.8

TABLE: 169-V-83

EVT13 YEAR 1983 SIERRA LEONE MOYAMBA

CO-OPERATOR: ACRE PROJECT

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 %
12 Guarare (1) 8128	1901	147	55	161	75	0.0	0.0	16.8	1.8	35.8	1.5	1.8	1.0	33.9
11 Guarare 8128	1875	145	54	166	77	2.7	4.9	13.7	1.3	35.3	1.5	1.5	1.1	35.5
6 Los Banos 8027	1798	139	53	165	77	0.0	0.0	15.5	1.0	35.0	2.3	2.5	1.0	34.4
23 Across 7728 RE	1791	139	54	174	84	1.6	3.1	13.6	1.0	34.5	1.3	1.3	1.0	34.3
7 Across 8027	1756	136	53	168	79	1.5	0.7	19.4	1.0	34.8	1.0	1.0	1.0	35.7
8 La Molina 8128	1696	132	54	167	84	0.8	1.4	14.9	1.8	35.3	2.0	2.0	1.0	37.1
3 Across 8024	1679	130	52	166	87	0.8	0.8	8.4	2.0	34.5	1.5	2.0	1.0	35.1
5 Iboperenda 8027	1666	129	54	170	80	1.3	0.0	14.3	1.5	35.0	1.5	1.5	1.0	40.6
10 La Molina (2) 8128	1653	128	53	174	80	4.6	3.3	12.5	1.3	34.8	1.3	1.3	1.0	37.7
15 Muneng 8128	1632	127	51	167	86	0.0	0.7	10.0	1.3	35.3	2.0	2.3	1.0	33.5
18 Los Banos 8136	1582	123	62	174	86	0.0	0.0	13.0	1.3	34.3	1.8	1.8	1.0	35.7
21 Poza Rica 8136	1490	116	53	162	77	0.0	0.8	14.7	1.3	36.5	1.8	2.0	1.0	35.3
19 Los Banos (1) 8136	1488	115	63	152	74	5.1	4.4	10.7	2.3	34.3	2.0	2.0	1.0	36.0
2 Iboperenda 8024	1488	115	57	153	73	2.1	3.5	14.7	1.3	35.5	1.8	1.8	1.0	35.3
17 Across 8128	1471	114	55	168	80	2.0	1.3	39.0	1.5	34.8	1.8	2.0	1.0	36.9
14 Ferke (1) 8128	1460	113	53	159	76	0.0	2.3	12.2	1.3	32.5	1.3	1.5	1.0	37.4
9 La Molina (1) 8128	1432	111	53	149	76	3.7	0.0	7.7	1.0	32.8	2.0	2.3	1.0	35.0
16 Suwan 8128	1424	110	53	168	81	0.0	1.4	5.8	1.3	33.8	1.8	1.8	1.0	37.7
1 Pichilingue (1) 7824	1398	108	53	162	76	0.0	0.0	15.2	1.3	30.5	2.0	2.0	1.0	36.2
13 Ferke 8128	1390	108	55	167	80	2.1	0.7	9.3	1.5	35.0	1.8	1.8	1.0	36.0
4 Pichilingue (1) 7827	1384	107	63	160	73	1.4	0.7	15.4	1.3	31.3	1.8	2.0	1.0	36.7
20 Londrina 8136	1320	102	59	156	76	1.5	0.0	12.1	2.5	33.0	1.5	1.5	1.0	38.0
22 Across 7627 RE	1214	94	54	160	82	2.7	0.7	10.2	1.0	35.0	1.8	2.0	1.0	37.6
MEANS	1565	121	55	164	79	1.5	1.3	13.9	1.4	34.3	1.7	1.8	1.0	36.2
MAXIMUM	1901	147	63	174	87	5.1	4.9	39.0	2.5	36.5	2.3	2.5	1.1	40.6
MINIMUM	1214	94	51	149	73	0.0	0.0	5.8	1.0	30.5	1.0	1.0	1.0	33.5
CHECKS (TESTIGOS).														
25 TALCOO	1289	-	52	182	86	1.9	0.9	16.0	1.3	26.8	1.5	1.8	1.0	31.1
24 WESTERN YELLOW (1)	1161	-	59	190	94	1.6	0.8	9.5	1.8	29.3	2.3	2.3	1.0	36.6
CHECK MEANS	1225	-	55	186	90	1.7	0.9	12.7	1.5	28.0	1.9	2.0	1.0	33.8
5% LSD	434.1		3.0	19.4	12.4					5.0				5.4
C.V.	20.0		3.9	8.3	11.0					10.6				10.7

TABLE: 170-V-83

EVT13 YEAR 1983 ZAIRE GANDAJIKA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%REST CHECK	DAYS SILK	PLNT HT	EAR HT	H. MAYDIS %	STEM LODG	ROOT LODG	%EAR ROT	STREAK %	PLANTS HARV	EAR ASPECT	%BAD H. C	PLANT ASPECT	MOIST %
21 Poza Rica 8136	7958	129	61	206	105	2.8	7.4	5.2	0.6	1.5	37.3	1.3	10.2	2.0	26.5
17 Across 8128	7919	127	62	220	111	1.8	2.9	6.0	2.9	2.5	35.5	2.0	11.1	2.3	33.2
23 Across 7728 RE	7628	122	66	223	117	0.8	4.8	17.5	1.2	1.5	36.3	1.8	9.0	2.3	26.6
8 La Molina 8128	7430	120	63	224	116	0.8	6.0	8.8	1.7	1.3	36.8	2.0	12.5	2.8	27.2
3 Across 8024	7358	118	64	210	109	2.5	3.5	9.1	0.7	1.8	34.5	1.9	12.7	2.5	26.7
5 Iboperenda 8027	7248	116	65	227	120	2.3	4.5	9.2	0.0	2.3	38.8	1.3	8.5	2.5	27.4
19 Los Banos (1) 8136	7234	116	62	207	104	2.3	8.9	9.0	0.6	3.8	37.5	1.3	9.7	2.3	26.4
18 Los Banos 8136	7222	116	64	215	108	4.0	11.3	18.6	1.4	1.3	30.8	1.5	13.4	2.8	24.2
20 Londrina 8136	7168	115	62	214	109	2.8	10.0	13.2	2.3	2.0	36.8	1.5	11.5	2.5	28.1
12 Guarare (1) 8128	7154	115	65	216	111	3.0	8.5	13.8	0.0	2.0	36.8	1.3	4.8	2.5	29.9
6 Los Banos 8027	7136	114	62	217	109	2.5	3.2	7.7	0.0	2.0	38.8	1.8	15.5	2.3	28.3
10 La Molina (2) 8128	6992	112	63	226	113	0.3	9.4	12.5	0.6	0.8	36.0	2.1	10.5	3.0	27.2
13 Ferke 8128	6941	111	64	213	107	1.0	6.7	7.5	0.6	1.8	37.8	1.7	11.4	2.3	25.3
22 Across 7627 RE	6919	111	63	222	111	2.0	0.7	8.2	1.3	1.3	37.3	1.8	17.9	2.0	33.0
4 Pichilingue (1) 7827	6874	110	64	206	101	2.3	2.8	3.3	4.8	2.5	37.0	1.8	13.2	2.3	31.3
7 Across 8027	6826	109	63	222	115	1.8	5.5	12.2	0.0	2.5	37.3	1.5	14.2	3.0	29.6
11 Guarare 8128	6821	109	65	220	114	2.5	10.1	10.4	2.6	2.0	37.5	1.8	9.8	2.5	30.5
9 La Molina (1) 8128	6791	109	65	214	109	1.3	11.0	11.2	1.8	2.0	37.8	1.3	5.8	2.3	31.2
2 Iboperenda 8024	6582	105	65	220	114	2.3	7.4	14.8	0.7	3.0	33.8	1.0	9.0	2.5	29.9
15 Mungung 8128	6573	105	65	212	110	1.8	4.5	10.1	2.9	0.5	35.0	2.1	11.5	2.3	29.3
14 Ferke (1) 8128	6516	104	65	221	115	0.8	3.5	7.7	2.5	1.0	35.8	2.3	12.7	2.3	30.9
16 Suwan 8128	6477	104	64	213	103	0.5	2.0	5.4	7.1	0.8	37.8	1.7	[illegible]	2.3	23.6
1 Pichilingue (1) 7824	6149	99	66	203	104	2.8	10.5	15.0	0.7	2.5	31.3	2.1	12.3	2.8	27.0
MEANS	7042	113	64	216	110	1.9	6.3	10.3	1.6	1.8	36.2	1.7	11.2	2.4	29.8
MAXIMUM	7958	128	66	227	120	4.0	11.3	18.6	7.1	3.8	38.8	2.1	17.9	3.0	33.2
MINIMUM	6149	99	61	203	101	0.3	0.7	3.3	0.0	0.5	30.8	1.1	4.8	2.0	24.1
CHECKS (TESTIGOS)															
24 KASAI I	6239	-	67	210	111	5.3	3.5	13.5	0.0	3.3	31.8	1.7	9.2	2.5	29.5
25 SALONGO II	6182	-	67	213	116	4.8	3.2	17.8	3.4	0.3	29.3	2.1	6.5	2.8	29.2
CHECK MEANS	6210	-	66	211	113	5.0	3.5	15.6	1.7	1.9	30.5	2.1	8.1	2.6	29.7
5% LSD	1174.3		2.7	12.6	9.7						4.6				
C.V.	12.2		3.0	4.1	6.3						9.1				

TABLE: 171-V-83

EVT13 YEAR 1983 ZIMBABWE RATTRAY-ARNOLD

CO-OPERATOR: R. C. OLVER

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	PLNTS GERM	EARS/ PLNT	MOIST %
12 Guarara (1) 8128	8180	69	69	258	145	7.9	13.9	2.2	41.0	85.0	1.1	15.3
11 Guarara 8128	7967	67	69	258	149	5.4	34.4	1.5	41.0	85.5	1.1	14.5
23 Across 7728 RE	7956	67	71	250	145	9.2	29.4	5.0	41.0	84.3	1.2	14.5
14 Ferke (1) 8128	7924	67	69	244	150	11.2	53.9	5.0	41.0	79.8	1.3	14.9
17 Across 8128	7838	66	68	256	143	3.9	21.5	4.3	40.5	81.5	1.1	14.5
20 Londrina 8136	7797	66	67	245	138	11.6	29.0	4.5	40.0	80.5	1.1	14.7
21 Poza Rica 8136	7794	66	66	230	135	6.6	6.1	5.0	41.0	82.0	1.0	14.5
9 La Molina (1) 8128	7744	66	70	255	135	6.9	50.4	1.5	40.8	77.8	1.2	15.3
7 Across 8027	7723	65	70	250	144	5.6	71.8	4.2	40.8	84.0	1.2	15.5
6 Los Banos 8027	7656	65	69	248	136	7.2	29.4	5.6	38.3	83.5	1.3	14.7
10 La Molina (2) 8128	7504	64	70	260	146	12.9	30.7	2.8	38.3	79.8	1.1	15.3
22 Across 7627 RE	7413	63	69	275	144	3.7	34.3	3.4	40.8	81.0	1.1	14.9
5 Iboperenda 8027	7253	61	71	273	149	7.9	45.5	3.1	41.0	86.3	1.3	14.4
18 Los Banos 8136	7242	61	68	263	146	6.0	20.0	5.6	39.0	82.3	1.1	14.5
8 La Molina 8128	7132	60	70	258	154	11.1	81.2	1.3	40.5	83.5	1.0	15.0
19 Los Banos (1) 8136	7115	60	65	240	135	11.3	8.7	3.1	41.5	85.0	1.0	13.8
3 Across 8024	7097	60	72	264	156	9.2	34.7	1.8	40.5	85.3	1.1	14.9
16 Suwan 8128	7042	60	71	259	140	7.4	46.6	2.4	39.0	83.8	1.0	14.7
15 Muneng 8128	6980	59	71	250	141	8.0	41.1	3.3	40.3	81.0	1.1	15.5
2 Iboperenda 8024	6686	57	73	245	138	11.6	21.0	3.6	38.0	78.0	1.1	15.1
13 Ferke 8128	6645	56	70	263	139	4.0	55.4	2.6	38.0	82.0	1.1	14.7
4 Pichilingue (1) 7827	6535	55	72	238	133	3.8	44.8	2.8	39.8	81.3	1.1	15.4
1 Pichilingue (1) 7824	5469	46	73	230	135	21.8	81.1	4.0	36.5	78.5	1.1	14.6
MEANS	7335	62	70	253	142	8.4	38.5	3.4	39.9	82.2	1.1	14.8
MAXIMUM	8180	69	73	275	156	21.8	81.2	5.6	41.5	86.3	1.3	15.5
MINIMUM	5469	46	65	230	133	3.7	6.1	1.3	36.5	77.8	1.0	13.8
CHECKS (TESTIGOS):												
24 ZS225	11816	-	63	263	138	1.2	7.7	2.4	43.0	86.5	1.0	13.1
25 SR52	7901	-	73	285	151	4.3	100.0	10.2	35.0	82.5	1.1	16.1
CHECK MEANS	9859	-	67	273	144	2.7	53.8	6.3	39.0	84.5	1.0	14.6
5% LSD	877.9		1.9	23.9	23.0				4.7			1.1
C.V.	8.3		2.0	6.7	11.5				8.4			5.3

TABLE: 172-V-83

EVT13 YEAR 1983 ZIMBABWE KADOMA

CO-OPERATOR: R. C. OLVER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
9 La Molina (1) 8128	3024	85	185	88	8.6	0.0	43.8	2.3	4.0	13.0
16 Suwan 8128	2957	83	185	89	6.9	0.0	43.5	2.0	4.0	12.8
5 Iboperenda 8027	2924	82	199	92	7.7	0.6	42.5	2.3	3.8	13.6
18 Los Banos 8136	2865	80	182	88	12.8	0.0	41.5	2.3	3.8	12.6
8 La Molina 8128	2812	79	196	94	7.5	0.0	43.5	2.0	4.0	13.1
10 La Molina (2) 8128	2752	77	186	94	12.1	0.0	43.5	2.5	4.0	13.0
23 Across 7728 RE	2732	77	191	90	15.5	0.0	43.8	2.0	4.0	13.7
17 Across 8128	2700	76	181	78	6.4	0.0	43.3	2.0	4.0	13.3
4 Pichilingue (1) 7827	2526	71	188	80	6.4	0.0	43.0	2.3	4.0	13.7
7 Across 8027	2490	70	198	91	6.9	0.0	43.5	2.5	4.0	13.6
21 Poza Rica 8136	2427	68	174	82	5.4	0.6	42.5	2.0	4.0	12.7
2 Iboperenda 8024	2396	67	186	93	13.2	0.0	41.8	1.8	4.0	13.8
1 Pichilingue (1) 7824	2346	66	177	85	12.0	0.0	43.5	2.0	4.0	12.9
14 Ferke (1) 8128	2342	66	181	84	7.2	0.6	41.5	2.8	3.8	13.0
19 Los Banos (1) 8136	2283	64	182	91	11.0	0.0	42.8	2.5	4.0	12.5
6 Los Banos 8027	2258	63	176	82	6.3	0.0	44.0	2.3	4.0	13.0
15 Muneng 8128	2217	62	178	93	11.0	0.6	43.0	2.3	4.0	13.1
22 Across 7627 RE	2184	61	180	87	3.6	0.0	42.0	3.0	4.0	13.0
20 Londrina 8136	2144	60	175	90	14.0	0.6	43.0	2.0	4.0	12.6
11 Guarare 8128	2096	59	171	78	12.8	0.0	43.3	2.5	4.0	13.0
13 Ferke 8128	2030	57	182	87	8.2	0.6	42.5	2.3	4.0	12.7
3 Across 8024	2004	56	177	87	13.0	0.0	42.5	2.0	4.0	13.8
12 Guarare (1) 8128	2002	56	181	88	16.8	0.0	42.3	2.8	4.0	12.8
MEANS	2457	69	183	87	9.8	0.2	42.9	2.3	4.0	13.1
MAXIMUM	3024	85	199	94	16.8	0.6	44.0	3.0	4.0	13.8
MINIMUM	2002	56	171	78	3.6	0.0	41.5	1.8	3.8	12.5
CHECKS (TESTIGOS):										
25 S.R.52	3569	-	208	100	2.9	0.0	43.0	1.8	3.0	14.9
24 ZS225	2392	-	211	90	11.1	0.0	42.3	3.0	3.8	12.2
CHECK MEANS	2980	-	209	94	7.0	0.0	42.6	2.4	3.4	13.5
5% LSD	804.5		13.4	10.4			2.1			0.7
C.V.	22.8		5.1	8.4			3.5			3.7

TABLE: 173-V-83

EVT13 YEAR 1983 SRI LANKA ILLUPPALLAMA

CO-OPERATOR: C. B. HINDAGALA/D. H. MUTHUKUDA ARACHCHI

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
19 Los Banos (1) 8136	3611	151	58	171	81	2.9	6.4	1.6	36.0	0.9
8 La Molina 8128	3507	146	62	175	90	4.1	2.0	4.3	37.0	0.9
14 Ferke (1) 8128	3507	146	61	174	86	3.6	5.6	3.0	36.8	0.9
5 Iboperenda 8027	3368	141	62	169	90	5.6	5.0	2.9	35.0	1.0
11 Guarare 8128	3333	139	62	159	75	5.8	4.5	7.9	34.8	1.0
15 Muneng 8128	3264	136	59	174	91	4.6	5.3	2.2	38.0	0.9
13 Ferke 8128	3229	135	60	170	83	6.5	4.8	4.1	32.5	0.9
16 Suwan 8128	3229	135	59	171	86	5.2	2.2	4.7	34.5	0.9
18 Los Banos 8136	3125	130	61	163	80	2.7	3.2	5.3	38.0	0.9
9 La Molina (1) 8128	3090	129	63	161	76	3.4	7.5	9.1	36.0	1.0
10 La Molina (2) 8128	3056	128	62	171	81	6.0	8.5	2.0	36.3	0.9
23 Across 7728 RE	3056	128	63	161	81	6.3	5.0	6.9	35.3	0.9
4 Pichilingue (1) 7827	3021	126	62	161	76	3.5	5.0	5.2	36.0	0.9
21 Poza Rica 8136	3021	126	61	155	84	4.9	2.9	2.7	36.3	1.0
2 Iboperenda 8024	2986	125	63	161	76	4.4	1.3	4.2	33.5	0.9
3 Across 8024	2951	123	62	156	79	2.0	5.7	4.8	36.5	0.9
12 Guarare (1) 8128	2917	122	63	169	83	5.1	4.5	5.4	39.0	0.9
7 Across 8027	2917	122	59	170	86	4.0	5.6	5.2	38.5	0.9
20 Londrina 8136	2917	122	61	160	81	4.5	4.8	4.6	33.8	1.0
6 Los Banos 8027	2813	117	62	160	71	4.6	1.3	5.3	37.5	0.9
17 Across 8128	2743	114	59	174	84	4.5	2.7	5.8	37.3	0.9
1 Pichilingue (1) 7824	2639	110	64	161	75	8.3	4.6	6.6	33.5	0.9
22 Across 7627 RE	2118	88	63	163	79	6.8	4.5	3.2	33.8	0.9
MEANS	3062	128	61	166	82	4.7	4.5	4.7	35.9	0.9
MAXIMUM	3611	151	64	175	91	8.3	8.5	9.1	39.0	1.0
MINIMUM	2118	88	58	155	71	2.0	1.3	1.6	32.5	0.9
CHECKS (TESTIGOS):										
24 BHADRA-1	2396	-	62	181	101	8.7	4.8	5.3	31.3	0.8
25 COMPOSITE-6	2326	-	63	173	94	2.3	3.9	0.9	32.5	0.8
CHECK MEANS	2361	-	62	176	97	5.5	4.4	3.1	31.9	0.8
5% LSD	856.1		3.5	17.3	12.7				4.3	
C.V.	20.2		4.1	7.4	10.8				8.6	

TABLE: 174-V-83

EVT13 YEAR 1983 SRI LANKA GIRANDURUKOTTE

CO-OPERATOR: C. B. HINDAGALA/L. P. SOMADASA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
12 Guarare (1) 8128	4640	107	54	170	91	0.0	23.3	2.5	34.5	1.0
21 Poza Rica 8136	4609	107	52	176	86	0.8	0.8	9.3	39.3	1.0
18 Los Banos 8136	4514	104	53	184	93	0.0	6.0	2.7	37.8	1.0
8 La Molina 8128	4293	99	54	179	91	0.0	13.6	6.3	35.3	1.0
11 Guarare 8128	4293	99	54	173	85	0.0	11.3	12.8	36.3	1.0
14 Ferke (1) 8128	4261	99	53	176	84	0.0	18.0	8.8	35.5	1.1
7 Across 8027	3946	91	53	188	93	0.0	11.7	5.8	37.0	1.0
17 Across 8128	3946	91	53	183	91	0.9	6.1	9.8	37.5	1.0
3 Across 8024	3914	91	54	176	85	0.0	21.0	6.6	33.5	1.1
23 Across 7728 RE	3914	91	54	166	86	0.0	3.6	10.7	36.8	1.0
2 Iboperenda 8024	3914	91	54	179	93	0.0	7.2	6.1	38.0	0.9
22 Across 7627 RE	3819	88	54	178	86	0.0	1.4	6.9	39.5	0.9
16 Suwan 8128	3788	88	54	181	89	0.0	6.8	6.4	38.3	1.0
9 La Molina (1) 8128	3756	87	54	175	88	0.0	15.3	7.8	34.0	1.1
15 Muneng 8128	3756	87	53	179	86	0.0	13.7	10.9	33.0	1.0
5 Iboperenda 8027	3662	85	54	178	86	1.2	19.3	6.8	33.3	0.9
10 La Molina (2) 8128	3599	83	53	184	85	0.0	22.3	11.4	36.3	1.0
19 Los Banos (1) 8136	3535	82	53	179	86	0.0	12.8	7.0	35.8	1.0
20 Londrina 8136	3504	81	53	180	80	0.0	11.2	5.2	35.0	0.9
13 Ferke 8128	3409	79	53	179	84	0.0	16.6	6.5	35.5	1.0
6 Los Banos 8027	3378	78	53	179	90	0.0	4.2	4.8	36.0	1.0
1 Pichilingue (1) 7824	3314	77	54	170	90	0.0	15.4	23.9	36.0	0.9
4 Pichilingue (1) 7827	3030	70	54	170	84	0.7	11.9	18.0	35.5	1.0
MEANS	3861	89	53	177	87	0.2	11.9	8.6	36.1	1.0
MAXIMUM	4640	107	54	188	93	1.2	23.3	23.9	39.5	1.1
MINIMUM	3030	70	52	166	80	0.0	0.8	2.5	33.0	0.9
CHECKS (TESTIGOS):										
25 COMPOSITE-6	4325	-	54	179	79	0.0	7.0	10.6	37.0	1.0
24 BHADRA-1	3378	-	54	174	93	0.0	4.7	9.1	39.5	1.0
CHECK MEANS	3851	-	53	176	85	0.0	5.8	9.9	38.3	1.0
5% LSD	1038.9		1.3	12.4	10.9				5.6	
C.V.	19.1		1.8	5.0	8.9				11.0	

TABLE: 175-V-83

EVT13 YEAR 1983 BURMA YEZIN

CO-OPERATOR: DR. TUN SAING + UMAW KYI

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	PLNTS GERM	EARS/ PLNT	MOIST %
12 Guarare (1) 8128	7656	157	56	235	123	1.2	0.6	0.0	3.1	40.5	3.1	3.5	84.0	1.0	26.2
20 Londrina 8136	7233	148	54	206	101	0.0	1.2	0.0	3.0	41.3	3.3	3.3	79.8	1.0	25.8
17 Across 8128	7204	147	56	222	113	0.6	0.0	0.0	3.1	41.5	3.1	3.4	84.5	1.0	26.3
15 Muneng 8128	6860	140	56	212	110	0.0	0.7	0.0	3.0	40.0	3.4	3.1	81.3	1.1	27.4
11 Guarare 8128	6324	129	55	195	99	0.0	0.6	0.0	3.0	41.8	3.5	3.1	85.5	1.0	25.1
21 Poza Rica 8136	6270	128	54	198	101	0.0	0.7	0.0	3.4	40.8	3.5	3.5	83.8	1.0	23.2
13 Ferke 8128	6050	124	57	215	107	0.8	1.6	0.0	3.1	37.0	3.5	3.0	84.8	1.0	27.4
1 Pichilingue (1) 7824	6013	123	57	195	94	0.7	0.0	0.0	3.3	37.8	3.8	3.3	83.0	1.1	25.9
19 Los Banos (1) 8136	6002	123	54	204	103	0.6	1.3	0.0	3.3	40.8	3.5	3.4	84.0	1.0	25.1
2 Iboperenda 8024	5988	122	58	207	114	0.0	0.0	0.0	3.1	41.0	3.6	3.3	84.8	1.0	23.9
14 Ferke (1) 8128	5980	122	58	196	97	0.6	0.6	0.0	3.5	39.5	3.5	3.3	81.3	1.0	26.8
6 Los Banos 8027	5937	121	54	206	104	0.0	2.1	0.0	3.1	38.0	2.9	3.1	82.8	1.0	27.2
22 Across 7627 RE	5931	121	55	218	105	1.9	3.9	0.0	3.1	39.3	3.3	3.5	82.5	1.0	26.6
23 Across 7728 RE	5824	119	60	212	105	0.6	0.0	0.0	3.4	41.0	3.4	3.5	85.3	1.0	27.1
8 La Molina 8128	5661	116	55	204	103	0.0	0.0	0.0	3.1	39.0	3.4	3.4	80.5	1.0	25.7
10 La Molina (2) 8128	5647	116	57	201	105	0.6	0.6	0.0	3.1	38.8	3.4	3.4	83.0	1.0	27.3
5 Iboperenda 8027	5615	115	57	198	95	0.0	0.0	0.0	3.1	39.3	3.0	3.4	81.3	1.1	28.6
3 Across 8024	5612	115	57	208	104	0.0	1.2	0.0	3.3	41.3	3.8	3.4	82.8	1.0	27.2
9 La Molina (1) 8128	5603	115	58	214	107	0.0	1.4	0.0	3.3	36.8	3.8	3.4	80.0	1.0	26.7
7 Across 8027	5442	111	57	204	101	0.6	1.3	0.0	3.1	37.8	3.0	3.3	79.5	1.0	26.0
16 Suwan 8128	5138	105	55	200	101	1.4	1.4	0.0	3.4	37.5	3.6	3.0	81.8	1.0	26.8
4 Pichilingue (1) 7827	5103	104	57	192	100	0.0	0.6	0.0	3.4	38.3	3.3	3.3	82.0	1.0	28.0
18 Los Banos 8136	4641	95	57	189	92	0.0	0.0	0.0	3.4	38.3	3.9	3.5	79.3	1.0	24.4
MEANS	5988	123	56	206	104	0.4	0.9	0.0	3.2	39.4	3.4	3.3	82.5	1.0	26.3
MAXIMUM	7656	157	60	235	123	1.9	3.9	0.0	3.5	41.8	3.9	3.5	85.5	1.1	28.6
MINIMUM	4641	95	54	189	92	0.0	0.0	0.0	3.0	36.8	2.9	3.0	79.3	1.0	23.2
CHECKS (TESTIGOS):															
24 SHWE WAR 1	4888	-	61	210	111	1.6	0.0	0.0	3.3	35.0	3.8	3.3	77.8	1.0	27.9
25 SHWE WAR 8	4597	-	51	177	86	1.4	1.0	0.0	3.0	34.8	3.9	3.1	79.3	1.0	23.4
CHECK MEANS	4742	-	55	193	98	1.5	0.5	0.0	3.1	34.9	3.8	3.2	78.5	1.0	25.7
5% LSD	2178.8		2.7	28.8	19.6					5.2					2.2
C.V.	26.3		3.4	10.0	13.5					9.4					5.8

TABLE: 176-V-83

EVT13 YEAR 1983 THAILAND SUWAN

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	LEAF DIS.	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
13 Ferke 8128	6630	81	52	212	120	18.2	5.1	14.7	0.0	2.3	2.8	44.0	2.5	3.0	26.0
10 La Molina (2) 8128	6622	81	53	218	122	18.8	7.4	11.5	0.6	3.0	2.5	44.0	2.5	3.8	26.7
6 Los Banos 8027	6484	79	52	202	112	21.9	7.5	15.3	0.0	2.8	2.5	43.5	2.8	3.8	26.6
16 Suwan 8128	6427	78	52	221	121	19.4	5.7	9.7	1.2	2.8	2.5	43.8	2.3	3.0	27.7
11 Guarare 8128	6376	78	53	217	123	21.1	6.3	14.2	0.6	2.8	2.5	43.8	2.1	3.5	28.7
12 Guarare (1) 8128	6309	77	52	219	121	18.2	5.7	10.0	4.6	2.5	2.3	43.8	2.5	2.8	27.7
14 Ferke (1) 8128	6224	76	53	213	121	19.4	6.8	7.8	0.0	3.3	2.5	43.8	2.4	3.5	27.7
8 La Molina 8128	6178	75	53	221	124	25.0	8.0	8.8	0.0	3.3	3.0	44.0	2.8	3.5	27.5
15 Muneng 8128	6122	75	53	212	120	24.6	6.3	10.2	0.0	3.3	2.8	43.8	2.8	3.8	28.5
17 Across 8128	5918	72	52	224	132	20.2	6.4	11.1	0.0	2.8	2.3	42.8	2.8	3.3	27.3
21 Poza Rica 8136	5810	71	52	200	115	30.4	5.7	12.7	1.1	2.8	3.0	43.5	2.8	3.8	25.9
7 Across 8027	5801	71	53	214	115	15.9	5.7	10.5	1.1	2.8	3.0	44.0	2.6	3.5	28.6
5 Iboperenda 8027	5798	71	54	215	123	25.7	6.9	11.2	1.7	3.0	2.8	43.8	2.5	3.8	26.3
3 Across 8024	5695	70	53	206	119	23.9	8.5	14.1	0.6	3.0	3.0	44.0	2.9	4.0	27.9
19 Los Banos (1) 8136	5499	67	51	206	117	30.7	5.2	9.3	0.0	3.0	2.3	43.5	2.6	3.8	26.4
9 La Molina (1) 8128	5457	67	53	204	129	25.7	8.6	11.0	2.3	2.8	2.8	43.8	2.5	3.8	27.9
2 Iboperenda 8024	5028	61	54	208	127	39.8	7.4	14.8	2.3	2.8	2.8	44.0	3.0	3.8	28.4
23 Across 7728 RE	4959	61	55	220	126	40.1	9.3	13.1	0.0	3.3	3.0	43.0	2.9	4.3	27.7
20 Londrina 8136	4880	60	52	199	115	25.3	6.3	10.4	2.9	3.0	3.0	43.5	3.1	3.3	26.5
22 Across 7627 RE	4784	58	53	214	117	26.7	8.0	6.3	2.3	3.0	3.0	44.0	2.8	4.0	27.4
1 Pichilingue (1) 7824	4724	58	53	186	105	36.0	7.4	21.5	1.7	2.8	2.8	43.8	3.6	3.8	26.6
18 Los Banos 8136	4676	57	53	213	121	44.3	5.8	18.6	2.9	3.0	2.8	43.0	3.3	4.3	25.5
4 Pichilingue (1) 7827	3364	41	55	197	108	27.9	6.4	12.7	1.9	3.0	2.8	42.8	3.3	4.3	26.7
MEANS	5642	69	53	210	120	26.1	6.8	12.2	1.2	2.9	2.7	43.6	2.7	3.6	27.2
MAXIMUM	6630	81	55	224	132	44.3	9.3	21.5	4.6	3.3	3.0	44.0	3.6	4.3	28.7
MINIMUM	3364	41	51	186	105	15.9	5.1	6.3	0.0	2.3	2.3	42.8	2.1	2.8	25.5
CHECKS (TESTIGOS):															
25 SUWAN 1-C8	8191	-	52	223	127	9.7	2.8	1.9	0.0	2.0	2.5	44.0	1.8	2.3	28.6
24 SUWAN 2-C6	6487	-	47	205	109	13.5	2.3	4.1	0.0	2.3	2.8	43.0	2.1	2.0	23.4
CHECK MEANS	7339	-	49	213	118	11.6	2.6	3.0	0.0	2.1	2.6	43.5	1.9	2.1	26.0
5% LSD	748.1		1.3	10.0	9.1							1.4			
C.V.	9.2		1.8	3.4	5.4							2.2			

TABLE: 177-V-83

EVT13 YEAR 1983 VIETNAM SONGBOI

CO-OPERATOR: VU NGOC LUOC

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	HELM	PLANTS HARV	EAR ASPCT	PLANT ASPECT	BORER %	MOIST %
6 Los Banos 8027	4702	149	85	211	108	4.7	57.5	9.3	2.5	2.8	42.8	2.5	3.3	7.0	27.4
19 Los Banos (1) 8136	4376	139	84	196	97	7.0	66.5	7.6	2.3	2.8	40.0	2.8	3.0	6.2	26.6
12 Guarare (1) 8128	4308	137	86	219	113	4.6	84.3	7.5	2.0	2.8	40.0	2.5	3.8	6.4	28.9
21 Poza Rica 8136	4037	128	85	197	104	11.5	58.4	16.0	2.5	3.0	39.0	3.0	3.0	2.5	27.4
18 Los Banos 8136	3925	124	85	218	108	1.3	71.9	17.9	2.8	2.5	39.5	2.8	3.0	2.1	31.2
11 Guarare 8128	3901	124	86	203	98	3.8	73.8	18.8	2.5	2.8	39.5	2.5	3.5	5.7	30.6
17 Across 8128	3885	123	84	207	97	8.1	80.3	17.0	3.0	2.8	39.5	2.3	3.0	6.2	31.5
23 Across 7728 RE	3826	121	86	220	117	11.6	62.5	13.2	2.3	3.0	38.8	2.5	4.0	5.1	32.3
7 Across 8027	3771	120	86	216	111	10.0	89.3	9.5	2.8	3.0	39.8	2.3	3.8	3.0	33.2
13 Ferke 8128	3736	118	86	206	102	1.7	75.9	15.9	2.8	2.5	40.5	2.8	3.5	8.0	31.8
4 Pichilingue (1) 7827	3575	113	87	203	95	5.9	46.4	11.8	2.3	3.0	39.3	2.5	3.0	6.6	29.5
22 Across 7627 RE	3530	112	86	211	104	6.8	78.1	12.0	2.3	3.0	40.3	2.5	3.3	6.6	30.8
15 Muneng 8128	3433	109	86	197	106	1.2	100.0	19.6	2.8	2.5	42.0	3.0	3.5	6.0	38.6
14 Ferke (1) 8128	3334	106	85	207	108	5.8	95.8	15.0	2.5	2.5	39.3	2.8	3.5	9.3	33.2
10 La Molina (2) 8128	3278	104	86	198	98	14.5	98.5	17.2	2.3	3.0	38.3	2.8	3.0	10.4	33.3
3 Across 8024	3262	103	86	207	102	2.6	100.0	26.0	3.3	2.5	35.8	2.5	3.3	5.2	34.8
16 Suwan 8128	3227	102	87	203	98	9.1	89.1	9.1	2.3	2.8	37.5	3.0	3.0	4.9	33.8
20 Londrina 8136	3190	101	86	198	96	28.3	65.0	12.1	2.5	3.0	37.3	2.8	3.3	5.0	31.6
9 La Molina (1) 8128	3122	99	86	209	101	15.1	89.4	22.5	2.8	3.0	38.3	3.0	3.0	8.1	33.9
5 Iboperenda 8027	3088	98	88	204	97	5.3	100.0	15.4	3.5	2.8	41.8	2.3	3.3	4.7	31.7
2 Iboperenda 8024	3053	97	86	199	101	14.6	87.8	26.0	2.5	2.5	40.0	3.0	3.3	1.9	36.3
8 La Molina 8128	2844	90	86	207	108	9.7	87.4	17.1	2.8	2.5	41.5	2.8	3.3	1.8	37.7
1 Pichilingue (1) 7824	2629	83	86	189	92	19.8	98.1	20.2	3.3	3.0	35.8	3.0	3.3	1.8	35.0
MEANS	3567	113	86	205	103	8.8	80.7	15.5	2.6	2.8	39.4	2.7	3.3	5.4	32.2
MAXIMUM	4702	149	88	220	117	28.3	100.0	26.0	3.5	3.0	42.8	3.0	4.0	10.4	38.6
MINIMUM	2629	83	84	189	92	1.2	46.4	7.5	2.0	2.5	35.8	2.3	3.0	1.8	26.6
CHECKS (TESTIGOS):															
24 LOCAL CHECK 1	3155	-	87	199	104	34.5	100.0	13.5	2.8	2.0	23.3	2.5	3.5	10.8	30.9
25 LOCAL CHECK 2	2925	-	87	204	108	41.2	87.5	7.7	2.3	3.0	28.5	3.0	3.8	11.8	31.9
CHECK MEANS	3040	-	87	201	105	37.8	93.8	10.6	2.5	2.5	25.9	2.8	3.6	11.3	31.4
5% LSD	709.4		1.4	15.5	8.9			10.0			5.0				
C.V.	14.3		1.1	5.4	6.1			46.8			9.2				

TABLE: 178-V-83 TRIAL: EV 3

YEAR: 1983 MEANS ACROSS 43 LOCATIONS

ENTRY NO. AND NAME	KG. /HA.	PARENT POPULATION	BEST REFERENCE ENTRY %	DAYS FLOWER	PLANT HT.
12 Guarare (1) 8128	4691	Amarillo Dentado	108	58	205
14 Ferke (1) 8128	4572	" "	106	58	203
11 Guarare 8128	4531	" "	105	58	201
8 La Molina 8128	4490	" "	104	59	206
19 Los Banos (1) 8136	4472	Cogollero	103	57	197
15 Muneng 8128	4466	Amarillo Dentado	103	58	199
10 La Molina (2) 8128	4455	" "	103	58	206
21 Poza Rica 8136	4439	Cogollero	103	57	190
17 Across 8128	4435	Amarillo Dentado	103	58	202
18 Los Banos 8136	4400	Cogollero	102	58	203
6 Los Banos 8027	4397	Amarillo Cristalino-1	102	58	197
13 Ferke 8128	4381	Amarillo Dentado	101	58	202
16 Suwan 8128	4372	" "	101	58	201
9 La Molina (1) 8128	4371	" "	101	58	204
20 Londrina 8136	4368	Cogollero	101	58	195
23 Across 7728 RE	4327	Amarillo Dentado	100	59	204
7 Across 8027	4261	Amarillo Cristalino-1	98	59	201
3 Across 8024	4199	Ant. x Veracruz 181	97	59	197
5 Iboperenda 8027	4173	Amarillo Cristalino-1	96	59	204
2 Iboperenda 8024	4081	Ant. x Veracruz 181	94	59	195
22 Across 7627 RE	3920	Amarillo Cristalino-1	91	59	204
4 Pichilingue (1) 7827	3597	" " "	83	60	193
1 Pichilingue (1) 7824	3520	Ant. x Veracruz 181	81	59	185

TABLE: 179-V-83

EVT14A YEAR 1983 ARGENTINA LEALES

CO-OPERATOR: AGR. LUIS GERONIMO GOMEZ

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	ROOT LODG	PLANTS HARV	EARS/ PLNT	MOIST %
2 Suwan 8126	5487	89	3.6	34.3	1.1	18.3
10 Across 7726 RE	4724	77	15.5	33.0	1.0	18.6
1 Poza Rica 8126	4637	75	5.4	32.5	1.1	18.3
5 Suwan 8131	4546	74	14.6	31.5	1.0	19.5
9 Across 8035	4424	72	11.1	29.3	1.2	19.0
3 La Molina 8131	4273	69	6.2	32.3	0.9	18.8
11 across 7635 RE	4089	66	16.5	31.0	1.1	18.3
4 Islamabad (1) 8131	4031	65	14.8	28.3	1.3	19.0
8 Iboperenda 8035	3835	62	14.6	25.8	1.0	19.0
6 Suwan (1) 8131	3696	60	13.9	30.0	0.7	18.5
7 Across 8131	3660	59	12.0	30.0	1.0	18.0
MEANS	4309	70	11.6	30.7	1.0	18.7
MAXIMUM	5487	89	16.5	34.3	1.3	19.5
MINIMUM	3660	59	3.6	25.8	0.7	18.0
CHECKS (TESTIGOS):						
13 TROPICO 228	6174	-	7.3	34.8	1.1	18.0
12 LEALES 25	5345	-	4.2	35.3	1.0	17.8
CHECK MEANS	5760	-	5.8	35.0	1.0	17.9
5% LSD	994.7			4.9		
C.V.	15.3			10.9		

TABLE: 180-V-83

EVT14A YEAR 1983 ARGENTINA BUENOS AIRES

CO-OPERATOR: CRIADERO MORGAN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PUCC	HUSK COVER	PLANTS HARV	PLANT ASPECT	EARS/ PLNT	MOIST %
6 Suwan (1) 8131	1992	56	193	96	12.3	0.9	2.3	2.5	30.5	4.3	0.8	12.7
4 Islamabad (1) 8131	1983	55	198	93	12.0	1.5	2.0	3.0	31.3	3.5	0.8	13.1
7 Across 8131	1863	52	193	100	11.2	1.5	2.0	3.8	28.5	3.3	0.9	12.9
5 Suwan 8131	1704	48	190	94	11.8	0.0	2.3	2.8	31.8	3.8	0.7	12.8
2 Suwan 8126	1545	43	191	98	12.5	0.0	2.5	3.5	29.8	3.3	0.9	11.2
3 La Molina 8131	1377	38	186	88	17.7	0.0	2.5	2.8	31.0	3.3	0.7	13.8
1 Poza Rica 8126	1286	36	210	100	12.4	0.8	2.5	2.8	30.5	3.5	0.8	13.3
9 Across 8035	1180	33	181	76	13.3	1.4	2.5	2.0	33.3	4.3	0.7	12.0
8 Iboperenda 8035	1135	32	181	84	18.3	0.0	2.3	3.0	29.5	3.5	0.7	13.5
10 Across 7726 RE	881	25	205	93	15.9	0.8	2.3	3.5	32.0	2.5	0.7	11.7
11 across 7635 RE	750	21	180	88	21.0	4.1	2.3	2.8	31.0	3.5	0.6	12.3
MEANS	1427	40	192	92	14.4	1.0	2.3	2.9	30.8	3.5	0.8	12.7
MAXIMUM	1992	56	210	100	21.0	4.1	2.5	3.8	33.3	4.3	0.9	13.8
MINIMUM	750	21	180	76	11.2	0.0	2.0	2.0	28.5	2.5	0.6	11.2
CHECKS (TESTIGOS)												
13 CARGILL TRIHIB 81	3521	-	198	85	9.5	2.5	2.3	2.8	31.8	3.8	1.0	12.2
12 MORGAN 400	2951	-	194	100	18.9	2.8	2.5	3.3	26.5	3.5	1.0	14.5
CHECK MEANS	3266	-	195	92	14.2	2.6	2.4	3.0	29.1	3.6	1.0	13.4
5% LSD	783.1		12.5	10.8					5.8			
C.V.	31.9		4.5	8.2					13.3			

TABLE: 181-V-83

EVI.4A YEAR 1983 ARGENTINA GONZALEZ

CO-OPERATOR: CARGILL S. A

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	STEM LODG	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
2 Suwan 8126	5511	98	15.1	40.8	2.0	2.0	1.1	23.4
1 Poza Rica 8126	5462	97	6.4	41.8	3.0	3.0	1.1	22.4
10 Across 7726 RE	5135	92	18.0	41.8	2.0	2.0	1.0	24.0
7 Across 8131	4986	89	12.5	41.5	3.0	3.0	1.0	20.5
6 Suwan (1) 8131	4982	89	12.0	42.0	2.0	3.0	1.0	21.8
5 Suwan 8131	4808	86	3.0	41.8	4.0	4.0	1.0	21.3
8 Iboperenda 8035	4721	84	24.4	39.8	3.0	3.0	1.0	22.0
9 Across 8035	4600	82	39.8	39.8	4.0	4.0	1.0	23.1
4 Islamabad (1) 8131	4536	81	22.0	39.5	4.0	4.0	1.1	21.7
3 La Molina 8131	4357	78	12.5	40.3	3.0	3.0	1.0	20.9
11 across 7635 RE	4126	74	27.9	38.3	4.0	4.0	1.1	21.4
MEANS	4839	86	17.6	40.6	3.1	3.2	1.0	22.0
MAXIMUM	5511	98	39.8	42.0	4.0	4.0	1.1	24.0
MINIMUM	4126	74	3.0	38.3	2.0	2.0	1.0	20.5
CHECKS (TESTIGOS):								
12 EXP 48003	5607	-	15.4	40.5	2.0	2.0	1.2	22.6
13 TROPICO 228(ND)	5537	-	18.4	41.0	3.0	3.0	1.0	25.5
CHECK MEANS	5572	-	16.9	40.8	2.5	2.5	1.1	24.0
5% LSD	744.0			2.3				1.0
C.V.	10.5			3.9				3.2

TABLE: 182-V-83

EVT14A YEAR 1983 BOLIVIA IBOPERENDA

CO-OPERATOR: ALBERTO HINOJOSA P.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
10 Across 7726 RE	7132	128	63	233	130	0.0	0.0	9.4	39.3	1.0	1.0	1.1	16.9
11 across 7635 RE	6477	117	63	213	108	1.9	0.0	10.5	40.3	1.8	1.0	1.1	17.1
6 Suwan (1) 8131	6245	112	64	210	115	4.2	1.2	6.8	38.0	1.3	1.3	1.1	16.5
8 Iboperenda 8035	6123	110	64	193	98	0.0	3.2	6.3	39.5	2.0	1.0	1.1	17.4
9 Across 8035	6016	108	64	205	108	0.6	0.0	7.7	38.3	1.8	1.0	1.1	17.5
3 La Molina 8131	5681	102	64	203	103	0.0	1.4	8.0	36.0	1.8	1.3	1.1	17.1
7 Across 8131	5574	100	63	193	100	1.9	2.6	12.2	39.5	2.3	2.0	1.1	16.5
4 Islamabad (1) 8131	5487	99	64	200	100	6.7	2.2	9.3	39.5	2.0	1.3	1.0	16.0
5 Suwan 8131	4931	89	64	205	108	2.1	0.0	6.4	38.8	2.0	1.5	1.1	16.3
2 Suwan 8126	4918	88	64	200	103	7.6	1.4	7.6	39.5	1.3	1.5	1.1	16.1
1 Poza Rica 8126	4868	88	63	203	103	0.7	0.0	7.1	38.0	1.8	1.5	1.0	17.1
MEANS	5768	104	64	205	107	2.3	1.1	8.3	38.8	1.7	1.3	1.1	16.8
MAXIMUM	7132	128	64	233	130	7.6	3.2	12.2	40.3	2.3	2.0	1.1	17.5
MINIMUM	4868	88	63	193	98	0.0	0.0	6.3	36.0	1.0	1.0	1.0	16.0
CHECKS (TESTIGOS):													
13 AMARILLO BAJIO IBOP	5557	-	58	193	95	4.4	3.5	8.0	30.0	1.5	1.3	1.1	16.2
12 CUBANO AMARILLO IBO	5494	-	71	308	185	2.6	2.3	9.1	30.8	1.8	1.0	1.2	17.4
CHECK MEANS	5525	-	64	250	140	3.5	2.9	8.6	30.4	1.6	1.1	1.1	16.8
5% LSD	1592.6		0.5	25.2	18.6				4.6				1.4
C.V.	19.4		0.5	8.3	11.6				8.6				5.7

TABLE: 183-V-83

EVT14A YEAR 1983 BRAZIL RIBEIRO PRETO

CO-OPERATOR: SEMENTES REIS DE OURO LTDA.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	SPODO	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
2 Suwan 8126	4819	175	50	191	95	0.0	17.6	3.3	1.5	1.3	37.5	1.8	5.6	1.8	13.4
5 Suwan 8131	4760	173	46	176	76	0.6	17.0	4.8	2.0	1.3	41.0	2.0	1.9	2.3	13.1
6 Suwan (1) 8131	4599	167	46	174	81	0.6	13.3	3.0	2.0	1.5	40.8	1.8	7.4	2.8	13.3
10 Across 7726 RE	4307	156	51	184	81	0.6	16.2	8.6	1.8	2.0	41.0	2.5	2.3	2.8	13.2
4 Islamabad (1) 8131	4266	155	46	164	74	2.0	30.3	2.4	1.8	1.5	39.0	2.3	0.0	2.5	13.1
8 Iboperenda 8035	4087	148	50	173	79	0.0	15.4	3.3	1.8	2.0	39.0	2.5	6.5	3.0	13.1
1 Poza Rica 8126	3868	140	51	179	83	0.6	11.9	5.2	1.5	1.5	40.0	2.3	2.5	2.5	13.1
9 Across 8035	3713	135	51	174	75	1.9	24.3	1.5	1.8	1.5	37.8	2.3	6.0	2.5	13.2
7 Across 8131	3695	134	46	160	71	1.2	21.1	8.0	2.0	1.3	42.3	2.3	1.9	2.8	13.6
11 across 7635 RE	3619	131	49	164	70	5.0	38.9	5.9	2.0	1.8	41.5	2.5	2.5	3.0	13.1
3 La Molina 8131	3523	128	45	159	65	1.8	24.6	3.5	1.8	1.5	39.5	2.3	2.2	2.8	13.0
MEANS	4114	149	48	172	77	1.3	21.0	4.5	1.8	1.5	39.9	2.2	3.5	2.6	13.2
MAXIMUM	4819	175	51	191	95	5.0	38.9	8.6	2.0	2.0	42.3	2.5	7.4	3.0	13.6
MINIMUM	3523	128	45	159	65	0.0	11.9	1.5	1.5	1.3	37.5	1.8	0.0	1.8	13.0
CHECKS (TESTIGOS):															
12 RO 290	2754	-	57	218	129	5.3	21.9	11.4	2.0	1.8	37.5	2.8	0.0	2.3	13.0
13 RO 280	2618	-	54	184	96	1.9	22.7	6.4	2.0	1.8	38.5	3.0	0.7	2.5	13.3
CHECK MEANS	2686	-	55	200	112	3.6	22.3	8.9	2.0	1.8	38.0	2.9	0.3	2.4	13.2
5% LSD	1052.1		1.5	17.7	11.7						3.4				
C.V.	18.8		2.1	7.0	9.9						6.1				

TABLE: 184-V-83

EVT14A YEAR 1983 BRAZIL PARANA

CO-OPERATOR: OCEPAR

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	ENDO HARD	PLANTS HARV	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
6 Suwan (1) 8131	5658	108	61	193	101	11.7	1.9	5.7	2.0	3.0	40.8	2.3	82.3	1.0	19.0
5 Suwan 8131	5246	100	61	178	101	11.2	0.0	3.3	2.0	3.0	39.5	2.0	79.0	1.0	19.2
7 Across 8131	5013	96	61	183	94	9.8	0.0	5.9	2.0	3.0	38.8	2.0	81.0	1.0	18.8
1 Poza Rica 8126	4973	95	70	186	98	6.7	6.0	5.2	2.0	3.0	37.0	2.0	74.8	1.0	20.2
4 Islamabad (1) 8131	4834	92	61	176	93	12.3	2.5	4.8	2.0	3.3	40.3	2.3	79.0	0.9	20.0
9 Across 8035	4725	90	69	183	81	17.6	3.3	4.5	2.5	3.8	39.0	2.0	78.3	0.8	20.8
8 Iboperenda 8035	4703	90	67	179	85	8.0	1.8	4.5	2.0	3.5	40.5	2.0	77.5	1.0	19.3
11 across 7635 RE	4673	89	66	189	96	19.8	0.6	3.8	2.0	4.0	36.3	2.8	74.5	1.0	18.5
2 Suwan 8126	4388	84	69	191	101	9.2	2.7	4.7	2.0	2.8	38.5	2.3	78.3	1.0	20.4
3 La Molina 8131	4217	80	62	180	94	11.2	7.8	6.0	2.0	3.0	40.3	2.8	82.3	0.9	19.5
10 Across 7726 RE	4183	80	71	186	93	9.1	5.7	5.8	2.0	2.8	37.3	3.0	77.0	0.9	21.0
MEANS	4784	91	65	184	94	11.5	2.9	4.9	2.0	3.2	38.9	2.3	78.5	1.0	19.7
MAXIMUM	5658	108	71	193	101	19.8	7.8	6.0	2.5	4.0	40.8	3.0	82.3	1.0	21.0
MINIMUM	4183	80	61	176	81	6.7	0.0	3.3	2.0	2.8	36.3	2.0	74.5	0.8	18.5
CHECKS (TESTIGOS):															
12 COMP PLTA BAIXA DEN	5241	-	75	215	128	7.9	6.4	5.2	2.0	4.0	38.0	2.0	76.5	0.9	23.0
13 PIRANAO VD-2	5001	-	76	174	95	7.4	7.4	5.5	2.0	4.0	37.3	2.0	73.3	1.0	23.9
CHECK MEANS	5121	-	75	194	111	7.6	6.9	5.3	2.0	4.0	37.6	2.0	74.9	1.0	23.4
5% LSD	993.7		1.4	15.0	18.0						3.5				1.2
C.V.	14.3		1.5	5.6	13.0						6.4				4.0

TABLE: 185-V-83

EVT14A YEAR 1983 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	CURV	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
1 Poza Rica 8126	4214	110	61	141	80	9.4	2.9	50.7	1.3	2.3	42.5	2.8	22.0	3.3	19.1
2 Suwan 8126	3877	101	61	150	85	9.6	0.0	54.9	1.3	2.0	41.5	3.0	27.0	2.8	19.1
9 Across 8035	3628	94	63	133	70	13.3	2.0	37.1	1.8	2.5	39.5	3.0	25.5	3.5	19.0
5 Suwan 8131	3435	89	58	148	75	9.3	1.3	53.3	1.3	2.5	39.0	3.0	33.5	3.3	19.2
10 Across 7726 RE	3406	89	64	140	88	11.9	2.3	45.4	1.0	2.0	36.5	3.0	24.1	3.8	19.3
8 Iboperenda 8035	3320	86	63	133	70	12.3	1.2	46.2	1.3	2.5	41.8	3.0	29.5	3.5	19.0
3 La Molina 8131	3166	82	57	133	80	5.8	2.6	55.0	1.3	2.0	40.0	3.0	24.0	3.5	19.0
11 across 7635 RE	3162	82	60	118	65	12.4	3.2	45.2	1.3	2.3	38.5	3.0	32.0	4.0	19.0
7 Across 8131	3142	82	59	126	68	7.5	3.0	54.3	1.5	2.5	41.0	3.0	20.1	3.8	19.0
6 Suwan (1) 8131	3012	78	59	128	65	1.9	3.8	68.4	1.8	2.3	39.8	3.3	34.5	4.0	20.5
4 Islamabad (1) 8131	2992	78	59	133	73	5.6	0.0	59.7	1.8	2.8	40.5	3.3	26.8	4.0	19.0
MEANS	3396	88	60	135	74	8.6	2.0	51.8	1.4	2.3	40.0	3.0	27.2	3.6	19.2
MAXIMUM	4214	110	64	150	88	13.3	3.8	68.4	1.8	2.8	42.5	3.3	34.5	4.0	20.5
MINIMUM	2992	78	57	118	65	1.9	0.0	37.1	1.0	2.0	36.5	2.8	20.1	2.8	19.0
CHECKS (TESTIGOS):															
13 GUARANI V-311	3841	-	72	183	108	19.8	12.7	25.4	1.3	2.0	32.3	2.0	12.6	3.0	19.7
12 PIONEER 6875	3278	-	63	150	90	6.3	8.7	71.9	1.0	2.0	36.5	3.5	23.4	3.0	19.0
CHECK MEANS	3559	-	67	166	98	13.0	10.7	48.6	1.1	2.0	34.4	2.8	18.0	3.0	19.3
5% LSD	715.1		2.8	25.1	14.6						4.8				
C. V.	14.6		3.2	12.6	13.1						8.5				

TABLE: 186-V-83

EVT14A YEAR 1983 PERU PIURA

CO-OPERATOR: MARCO NEVADO. HUGO SANCHEZ. PROGRAMA DE MAIZ

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
2 Suwan 8126	6083	69	69	173	72	36.3	1.1	24.8
1 Poza Rica 8126	5441	62	70	158	68	35.3	1.1	24.1
9 Across 8035	5293	60	68	156	58	34.8	0.9	21.3
8 Iboperenda 8035	4708	53	66	159	65	32.5	1.0	18.8
5 Suwan 8131	4302	49	65	153	65	35.3	1.0	20.4
7 Across 8131	4086	46	65	145	60	38.0	0.9	21.3
10 Across 7726 RE	3983	45	75	146	57	36.3	1.0	26.7
6 Suwan (1) 8131	3845	43	65	147	55	32.8	0.9	19.1
11 across 7635 RE	3731	42	67	151	60	34.0	1.0	20.8
4 Islamabad (1) 8131	3388	38	65	149	63	35.8	0.8	21.3
3 La Molina 8131	3298	37	68	132	50	34.5	0.9	20.2
MEANS	4378	49	68	152	61	35.0	1.0	21.7
MAXIMUM	6083	69	75	173	72	38.0	1.1	26.7
MINIMUM	3298	37	65	132	50	32.5	0.8	18.8
CHECKS (TESTIGOS):								
13 PIURA-81-3	8846	-	93	143	62	25.3	1.1	17.3
12 PM-701	3783	-	79	196	107	34.3	0.8	27.2
CHECK MEANS	6315	-	86	169	84	29.8	0.9	22.3
5% LSD	3823.7		18.1	29.6	23.1	5.0		5.8
C.V.	57.0		17.9	13.4	25.0	10.2		18.6

TABLE: 187-V-83

EVT14A YEAR 1983 PERU CANETE

CO-OPERATOR: ANTONIO MANRIQUE CH. JORGE NAKAHODO N.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
11 across 7635 RE	5304	71	0.5	57.8	1.0	18.2
8 Iboperenda 8035	4893	66	0.0	56.5	1.0	18.9
1 Poza Rica 8126	4686	63	0.0	54.3	0.9	19.8
10 Across 7726 RE	4623	62	0.0	54.5	1.0	20.9
9 Across 8035	4583	62	0.0	53.0	1.0	19.5
4 Islamabad (1) 8131	4242	57	1.0	52.0	1.0	15.4
3 La Molina 8131	3997	54	1.3	49.8	1.0	15.5
2 Suwan 8126	3974	53	0.0	47.3	0.9	20.8
6 Suwan (1) 8131	3858	52	1.7	49.8	0.9	17.1
5 Suwan 8131	3837	52	0.0	50.3	1.0	16.6
7 Across 8131	3162	43	0.0	53.0	0.9	16.9
MEANS	4287	58	0.4	52.5	1.0	18.1
MAXIMUM	5304	71	1.7	57.8	1.0	20.9
MINIMUM	3162	43	0.0	47.3	0.9	15.4
CHECKS (TESTIGOS):						
13 PM-212	7440	-	0.0	54.3	0.9	25.6
12 PM-701	5848	-	0.0	48.0	1.0	25.9
CHECK MEANS	6644	-	0.0	51.1	1.0	25.7
5% LSD	926.6			6.3		1.7
C.V.	13.9			8.4		6.1

TABLE: .188-V-83

EVT14A YEAR 1983 MEXICO OBREGON(2)

CO-OPERATOR: G COTA Y J.M. VALENZUELA

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 Suwan 8126	8391	103	62	230	118	1.9	5.5	2.0	41.0	4.1	14.6	2.9	1.2	22.7
10 Across 7726 RE	8242	101	66	229	120	0.6	6.3	1.2	43.3	3.9	23.1	3.1	1.1	24.2
1 Poza Rica 8126	7933	97	67	216	114	0.0	9.9	2.7	42.8	4.3	14.0	3.4	1.1	24.0
6 Suwan (1) 8131	7621	93	58	214	109	1.8	4.1	0.0	42.3	4.0	22.6	2.4	1.1	19.8
9 Across 8035	7569	93	64	210	105	1.1	16.5	1.0	44.3	3.5	15.9	2.8	1.1	23.0
11 across 7635 RE	7395	91	63	213	106	3.6	6.0	2.0	41.8	3.1	19.1	3.0	1.1	19.7
4 Islamabad (1) 8131	7263	89	57	213	118	6.5	2.9	3.1	42.5	3.3	13.0	2.3	1.1	17.9
5 Suwan 8131	7081	87	56	208	101	1.9	5.0	3.0	40.3	3.6	17.4	2.4	1.1	18.6
7 Across 8131	6879	84	58	199	98	0.6	3.7	0.0	40.8	3.6	16.5	2.8	1.1	18.8
3 La Molina 8131	6877	84	59	208	105	0.6	3.6	0.0	41.5	3.4	8.5	3.0	1.0	19.8
8 Iboperenda 8035	6685	82	65	214	105	0.6	9.6	3.3	41.8	3.5	17.6	2.8	1.1	21.1
MEANS	7449	91	61	214	109	1.7	6.6	1.7	42.0	3.7	16.6	2.8	1.1	20.9
MAXIMUM	8391	103	67	230	120	6.5	16.5	3.3	44.3	4.3	23.1	3.4	1.2	24.2
MINIMUM	6685	82	56	199	98	0.0	2.9	0.0	40.3	3.1	8.5	2.3	1.0	17.9
CHECKS (TESTIGOS):														
12 H-412	8165	-	68	244	138	12.5	13.3	1.5	42.3	3.4	24.6	2.3	1.1	21.8
13 V-425	7628	-	65	218	118	1.8	6.0	1.2	41.5	4.4	8.5	3.3	1.0	24.2
CHECK MEANS	7896	-	66	230	127	7.2	9.7	1.4	41.9	3.9	16.5	2.8	1.1	23.0
5% LSD	1008.3		3.1	14.9	15.7				2.0					2.0
C.V.	9.4		3.5	4.8	9.8				3.3					6.5

TABLE: 189-V-83

EVT14A YEAR 1983 CUBA TOMEGUIN

CO-OPERATOR: JORGE BETANCOURT

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	VIRUS %	STEM LODG	ROOT LODG	%EAR ROT	PUCC POLY	HELM TURC	HELM	PLANTS HARV	PLANT ASPECT	MOIST %
1 Poza Rica 8126	6324	107	65	182	86	6.8	0.0	4.7	3.8	2.8	1.3	2.8	32.3	2.3	18.8
2 Suwan 8126	5724	97	61	182	98	6.8	0.8	5.8	0.0	3.0	1.3	2.8	31.0	1.8	20.4
10 Across 7726 RE	5597	95	67	178	91	8.5	0.0	4.7	0.8	2.8	1.5	3.5	30.0	2.8	20.5
9 Across 8035	5484	93	63	171	94	11.3	0.0	19.2	1.4	3.5	1.0	3.5	31.0	2.3	18.6
7 Across 8131	5405	91	59	156	71	11.0	0.0	3.5	4.7	4.5	1.0	3.8	32.3	3.0	18.2
8 Iboperenda 8035	5141	87	63	178	93	7.5	0.0	9.1	0.0	3.3	1.5	3.8	32.5	2.5	18.7
4 Islamabad (1) 8131	5080	86	57	170	92	8.8	0.9	8.3	3.2	4.3	1.0	3.5	32.0	2.0	17.2
11 across 7635 RE	4984	84	63	162	70	6.8	0.9	3.8	1.1	3.3	1.5	3.5	28.0	2.8	19.0
3 La Molina 8131	4777	81	59	162	76	8.0	1.0	1.7	2.5	3.8	1.0	4.3	31.8	3.0	17.8
6 Suwan (1) 8131	4652	79	60	167	83	12.3	0.0	7.4	2.4	4.5	1.5	4.0	30.5	3.0	18.0
5 Suwan 8131	4591	78	59	169	88	11.0	0.8	9.9	3.0	4.0	1.0	3.5	28.8	2.8	19.4
MEANS	5251	89	61	171	86	9.0	0.4	7.1	2.1	3.6	1.2	3.5	30.9	2.5	18.8
MAXIMUM	6324	107	67	182	98	12.3	1.0	19.2	4.7	4.5	1.5	4.3	32.5	3.0	20.5
MINIMUM	4591	78	57	156	70	6.8	0.0	1.7	0.0	2.8	1.0	2.8	28.0	1.8	17.2
CHECKS (TESTIGOS):															
12 HD T-77	5908	-	74	225	142	6.5	4.1	3.6	1.7	1.3	1.3	2.5	26.5	-4.5	19.1
13 HD T-90	4608	-	73	243	152	7.0	19.6	24.2	0.8	2.3	1.0	3.0	22.5	4.8	13.3
CHECK MEANS	5258	-	73	233	146	6.8	11.9	13.9	1.2	1.8	1.1	2.8	24.5	4.6	16.2
5% LSD	1686.0		2.4	16.4	16.9								7.1		
C.V.	22.4		2.7	6.3	12.4								16.5		

TABLE: 190-V-83

EVT14A YEAR 1983 CUBA VELASCO

CO-OPERATOR: J. BETANCOURT

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	LEAF DISEASES 1-5	STUNT %	PUCC POLY	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
2 Suwan 8126	5022	105	51	201	97	15.1	1.8	11.2	4.3	2.0	37.8	2.3	3.3	1.0	15.4
9 Across 8035	4842	101	50	186	84	9.7	1.5	11.7	4.5	1.8	37.0	2.0	3.5	1.0	16.0
10 Across 7726 RE	4820	100	52	205	99	11.9	1.3	11.9	5.0	1.8	35.8	2.5	3.8	1.0	15.9
8 Iboperenda 8035	4601	96	50	195	86	5.0	1.3	12.7	5.0	2.0	33.5	2.8	2.5	1.0	15.5
6 Suwan (1) 8131	4524	94	46	187	80	10.4	1.8	10.5	5.0	1.3	37.3	3.0	3.3	1.1	15.2
1 Poza Rica 8126	4498	94	51	197	88	10.8	2.3	13.3	4.0	1.3	37.0	2.5	3.3	1.0	16.5
11 across 7635 RE	4183	87	49	184	81	11.2	2.0	12.8	4.0	1.3	33.8	2.3	3.5	1.0	15.2
7 Across 8131	4183	87	45	195	94	12.2	1.5	14.0	5.0	1.5	35.5	2.5	3.5	1.0	15.2
5 Suwan 8131	3762	78	45	188	85	14.3	2.0	7.4	4.5	1.5	34.0	2.8	3.5	1.1	17.5
4 Islamabad (1) 8131	3693	77	45	184	73	12.6	1.3	13.4	5.0	1.5	34.3	2.5	3.0	1.0	20.6
3 La Molina 8131	3681	77	45	180	85	12.6	2.3	22.3	4.8	2.0	33.8	2.5	3.0	1.0	15.7
MEANS	4346	91	48	191	86	11.4	1.7	12.8	4.6	1.6	35.4	2.5	3.3	1.0	16.2
MAXIMUM	5022	105	52	205	99	15.1	2.3	22.3	5.0	2.0	37.8	3.0	3.8	1.1	20.6
MINIMUM	3681	77	45	180	73	5.0	1.3	7.4	4.0	1.3	33.5	2.0	2.5	1.0	15.2
CHECKS (TESTIGOS):															
13 HD T-90	4798	-	59	251	149	15.5	1.8	11.3	4.5	1.5	33.5	2.3	4.3	1.1	15.8
12 HD T-77	3726	-	59	243	143	19.2	2.3	13.5	2.8	1.0	30.3	2.5	4.0	1.0	16.2
CHECK MEANS	4262	-	58	247	145	17.4	2.0	12.4	3.6	1.3	31.9	2.4	4.1	1.0	16.0
5% LSD	696.1		1.5	13.9	21.1						4.9				2.1
C.V.	11.2		2.1	4.9	15.4						9.8				9.0

TABLE: 191-V-83

EVT14A YEAR 1983 QATAR RAWDAT HARMA

CO-OPERATOR: O. H. KHALIL AND A. H. ALI

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
7 Across 8131	5455	144	63	215	113	0.0	9.9	0.0	41.3	1.5	9.2	2.8	84.8	1.0
6 Suwan (1) 8131	5273	139	63	214	109	0.0	13.1	0.6	41.0	1.5	25.2	2.8	83.3	1.0
5 Suwan 8131	5212	138	63	213	113	0.0	4.8	0.0	41.8	1.5	9.0	2.0	83.5	1.0
3 La Molina 8131	5091	134	63	206	106	0.0	8.2	0.0	41.8	1.5	12.6	2.5	83.0	0.9
4 Islamabad (1) 8131	5061	134	63	206	103	1.2	6.0	0.7	41.8	1.8	6.0	2.3	84.3	0.9
11 across 7635 RE	4909	130	67	225	113	0.0	35.2	0.0	42.3	1.8	7.6	3.8	84.3	0.9
2 Suwan 8126	4758	126	68	211	124	0.0	8.7	0.0	43.0	1.8	6.4	2.0	85.5	0.9
1 Poza Rica 8126	4697	124	68	236	125	0.0	17.7	1.2	42.8	1.8	8.2	3.3	85.3	1.0
9 Across 8035	4606	122	67	224	113	0.0	32.9	0.0	43.5	2.0	2.9	4.0	84.8	0.9
8 Iboperenda 8035	4030	106	68	216	105	0.0	10.8	1.4	40.8	2.0	11.8	3.3	82.0	0.9
10 Across 7726 RE	3788	100	70	241	135	0.0	24.1	0.0	42.5	2.3	10.0	3.3	84.8	0.9
MEANS	4907	127	66	219	114	0.1	15.6	0.3	42.0	1.8	9.9	2.9	84.1	0.9
MAXIMUM	5455	144	70	241	135	1.2	35.2	1.4	43.5	2.3	25.2	4.0	85.5	1.0
MINIMUM	3788	100	63	206	103	0.0	4.8	0.0	40.8	1.5	2.9	2.0	82.0	0.9
CHECKS (TESTIGOS):														
12 UNKNOWN LOCAL VTY.	3788	-	65	236	121	0.0	15.1	2.9	38.3	2.0	1.3	3.5	76.0	0.8
13 PIONEER	3576	-	72	230	131	0.0	17.0	0.0	38.8	2.0	2.0	3.5	75.5	0.9
CHECK MEANS	3682	-	68	233	126	0.0	16.1	1.4	38.5	2.0	1.7	3.5	75.8	0.9
5% LSD	833.0		2.0	21.4	17.9				2.1					
C. V.	12.5		2.1	6.8	10.8				3.6					

TABLE: 192-V-83

EVT14A YEAR 1983 GABON LEBAMBA

CO-OPERATOR: R. RAVOAVY, G. MC. INTYRE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLNTS GERM	EARS/ PLNT
10 Across 7726 RE	4024	84	62	132	53	53.9	6.5	43.5	2.8	0.0	86.5	0.9
1 Poza Rica 8126	3903	82	62	127	46	62.0	9.1	43.5	2.8	0.0	87.3	0.9
11 across 7635 RE	2788	58	62	125	41	59.8	10.3	42.5	3.8	0.0	85.8	0.9
9 Across 8035	2739	57	62	138	34	80.2	9.4	43.5	3.5	0.0	86.8	0.9
5 Suwan 8131	2449	51	60	113	31	43.8	18.5	42.8	4.3	0.0	86.3	0.9
2 Suwan 8126	2400	50	63	123	39	76.2	6.1	43.3	4.0	0.0	86.3	0.9
7 Across 8131	2327	49	57	113	31	46.3	24.1	42.8	4.0	0.0	86.8	0.7
8 Iboperenda 8035	2279	48	64	123	35	55.4	8.4	41.8	3.8	0.0	86.3	0.8
3 La Molina 8131	2255	47	56	128	35	36.6	15.9	43.8	4.0	0.0	86.3	0.8
6 Suwan (1) 8131	2109	44	58	128	38	58.6	15.5	42.8	4.3	0.0	86.5	0.8
4 Islamabad (1) 8131	2012	42	57	115	37	84.2	10.3	43.0	4.8	0.0	86.5	0.7
MEANS	2662	56	60	124	38	59.7	12.2	43.0	3.8	0.0	86.5	0.8
MAXIMUM	4024	84	64	138	53	84.2	24.1	43.8	4.5	0.0	87.3	0.9
MINIMUM	2012	42	56	113	31	36.6	6.1	41.8	2.8	0.0	85.8	0.7
CHECKS (TESTIGOS):												
12 TZPB	4776	-	70	149	53	38.9	6.6	37.5	2.8	0.0	75.3	0.8
13 TZPB	3709	-	72	151	54	47.7	2.5	42.0	3.3	0.0	86.3	0.8
CHECK MEANS	4242	-	70	150	53	43.3	4.6	39.8	3.0	0.0	80.8	0.9
5% LSD	1600.6		5.8	25.0	19.5			2.3				
C.V.	38.4		6.6	13.6	33.7			3.7				

TABLE: 193-V-83

EVT14A YEAR 1983 MALI SOTUBA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EARS/ PLNT	MOIST %
4 Islamabad (1) 8131	2987	113	48	214	100	0.0	1.5	34.0	1.0	11.9
8 Ibcperenda 8035	2900	110	51	215	106	0.0	5.1	30.5	1.0	12.6
2 Suwan 8126	2866	108	53	220	111	0.0	0.8	30.3	1.0	12.7
3 La Molina 8131	2622	99	47	204	100	0.0	4.9	34.5	1.0	12.2
7 Across 8131	2450	93	47	201	105	0.0	4.3	30.0	1.0	12.3
9 Across 8035	2425	92	50	211	98	0.0	6.9	23.5	1.0	12.1
10 Across 7726 RE	2422	92	52	218	104	0.0	3.5	25.5	1.0	12.0
6 Suwan (1) 8131	2368	90	51	209	101	0.0	4.3	28.8	1.0	11.8
5 Suwan 8131	1963	74	47	206	94	0.0	2.8	31.3	1.0	11.9
11 across 7635 RE	1604	61	51	205	101	0.0	6.4	24.5	1.0	12.1
1 Poza Rica 8126	1591	60	53	218	108	0.0	5.6	23.5	1.0	11.5
MEANS	2382	90	50	211	103	0.0	4.2	28.8	1.0	12.1
MAXIMUM	2987	113	53	220	111	0.0	6.9	34.5	1.0	12.7
MINIMUM	1591	60	47	201	94	0.0	0.8	23.5	1.0	11.5
CHECKS (TESTIGOS):										
13 ZANGUERENI	2643	-	42	195	98	0.0	5.1	28.5	1.0	11.7
12 TIEMANTIE	1405	-	53	239	123	0.0	9.7	12.0	1.0	11.8
CHECK MEANS	2024	-	47	216	110	0.0	7.4	20.3	1.0	11.8
5% LSD	1176.9		5.8	18.2	11.3			7.6		1.3
C.V.	35.3		8.2	6.0	7.6			19.4		7.8

TABLE: 194-V-83

EVT14A YEAR 1983 MALI KITA

CO-OPERATOR: S. R. C. V. O.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT
10 Across 7726 RE	3588	109	51	181	82	41.3	0.9
4 Islamabad (1) 8131	3491	106	47	152	69	38.8	1.1
5 Suwan 8131	3249	99	47	165	68	40.3	1.0
7 Across 8131	3152	96	47	157	69	41.0	0.9
11 across 7635 RE	3030	92	47	160	70	39.5	1.0
3 La Molina 8131	3030	92	47	147	59	38.5	1.0
1 Poza Rica 8126	3006	91	51	169	75	39.8	1.0
2 Suwan 8126	2958	90	49	175	82	37.3	1.0
8 Iboperenda 8035	2861	87	49	149	62	38.5	1.0
6 Suwan (1) 8131	2836	86	47	148	62	37.3	1.0
9 Across 8035	2715	82	49	160	59	37.8	0.9
MEANS	3083	94	48	160	68	39.1	1.0
MAXIMUM	3588	109	51	181	82	41.3	1.1
MINIMUM	2715	82	47	147	59	37.3	0.9
CHECKS (TESTIGOS):							
12 TIEMANTIE	3297	-	53	206	108	35.5	0.9
13 ZANGUERENI	2327	-	42	150	57	31.8	1.0
CHECK MEANS	2812	-	47	177	82	33.6	1.0
5% LSD	827.9		1.4	7.4	6.0	7.4	
C.V.	19.0		2.0	3.2	5.9	13.5	

TABLE: 195-V-83

EVT14A YEAR 1983 MALI KATIBOUGOU

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	STEM LODG	PLANTS HARV	EARS/ PLNT
6 Suwan (1) 8131	2073	141	12.0	80.8	0.8
4 Islamabad (1) 8131	2049	140	6.4	83.8	0.8
8 Iboperenda 8035	2025	138	7.5	87.0	0.7
7 Across 8131	1770	121	13.4	83.8	0.8
5 Suwan 8131	1564	107	11.0	82.5	0.8
9 Across 8035	1443	98	18.1	78.0	0.6
2 Suwan 8126	1443	98	3.3	68.8	0.8
10 Across 7726 RE	1079	74	4.9	81.3	0.5
1 Poza Rica 8126	1067	73	10.9	75.0	0.7
11 across 7635 RE	1055	72	5.6	81.3	0.4
3 La Molina 8131	946	64	9.5	71.8	0.6
MEANS	1501	102	9.3	79.4	0.7
MAXIMUM	2073	141	18.1	87.0	0.8
MINIMUM	946	64	3.3	68.8	0.4
CHECKS (TESTIGOS):					
12 TIEMANTIE	1467	-	7.9	76.5	0.8
CHECK MEANS	1467	-	7.9	76.5	0.8
5% LSD	1022.1			16.9	
C.V	47.4			14.8	

TABLE: 196-V-83

EVT14A YEAR 1983 MALI MASSANTOLA

CO-OPERATOR. SRCVO

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EARS/ PLNT
11 across 7635 RE	1285	113	54	146	45	2.0	2.4	41.0	0.7
3 La Molina 8131	1212	106	51	140	42	1.2	3.0	42.5	0.7
6 Suwan (1) 8131	1188	104	51	158	48	1.1	2.3	43.5	0.7
7 Across 8131	1091	96	50	151	47	1.2	3.5	43.5	0.7
9 Across 8035	1091	96	55	151	45	0.6	1.3	42.0	0.8
8 Iboperenda 8035	897	79	56	148	41	0.6	1.2	40.5	0.6
2 Suwan 8126	849	74	56	151	59	1.3	3.0	42.0	0.6
5 Suwan 8131	824	72	51	143	47	0.0	2.4	42.5	0.6
1 Poza Rica 8126	800	70	55	158	61	0.0	2.3	43.5	0.6
4 Islamabad (1) 8131	776	68	55	143	48	1.2	2.9	42.0	0.6
10 Across 7726 RE	752	66	58	148	47	0.6	1.1	41.5	0.6
MEANS	979	86	54	149	48	0.9	2.3	42.2	0.7
MAXIMUM	1285	113	58	158	61	2.0	3.5	43.5	0.8
MINIMUM	752	66	50	140	41	0.0	1.1	40.5	0.6
CHECKS (TESTIGOS):									
12 TIEMANTIE	1139	-	61	177	60	1.9	0.6	38.0	0.7
13 ZANGUERENI	1067	-	51	137	43	1.8	3.0	41.5	0.7
CHECK MEANS	1103	-	55	157	51	1.9	1.8	39.8	0.7
5% LSD	518.8		3.9	13.2	15.8			3.9	
C.V.	36.3		5.0	6.1	22.7			6.5	

TABLE: 197-V-83

EVT14A YEAR 1983 MALI KOGONI

CO-OPERATOR: S. R. C. V. O.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	INSECT DAMAGE	EARS/ PLNT
7 Across 8131	3758	146	42	150	77	1.2	0.0	40.3	2.0	1.0
11 across 7635 RE	3685	143	46	162	83	1.3	0.0	38.8	2.0	1.0
6 Suwan (1) 8131	3636	142	43	157	76	1.3	0.0	39.0	2.0	1.0
8 Iboperenda 8035	3321	129	47	158	78	1.9	0.0	38.0	2.0	1.1
2 Suwan 8126	3321	129	48	161	83	1.4	0.0	35.8	2.0	1.2
4 Islamabad (1) 8131	3224	125	44	146	72	0.0	0.0	38.0	2.0	1.0
3 La Molina 8131	3103	121	43	138	68	0.0	0.0	39.5	2.0	1.0
5 Suwan 8131	2885	112	44	150	71	2.0	0.0	40.0	2.0	1.0
9 Across 8035	2788	108	47	156	73	0.6	0.0	40.5	2.0	1.0
10 Across 7726 RE	2715	106	50	161	84	0.0	0.0	41.0	2.0	1.0
1 Poza Rica 8126	2546	99	50	169	82	2.1	0.0	38.3	2.0	1.1
MEANS	3180	124	46	155	77	1.1	0.0	39.0	2.0	1.0
MAXIMUM	3758	146	50	169	84	2.1	0.0	41.0	2.0	1.2
MINIMUM	2546	99	42	138	68	0.0	0.0	35.8	2.0	1.0
CHECKS (TESTIGOS):										
13 ZANGUERENI	2570	-	38	140	70	0.6	0.0	37.3	2.0	1.1
12 TIEMANTIE	2255	-	51	207	120	2.8	0.0	35.5	2.0	1.0
CHECK MEANS	2412	-	44	173	94	1.7	0.0	36.4	2.0	1.1
5% LSD	627.0		1.6	12.7	8.8			4.2		
C.V.	14.3		2.4	5.6	7.7			7.5		

TABLE: 198-V-83

EVT14A YEAR 1983 SIERRA LEONE NJALA

CO-OPERATOR: ACRE PROJECT

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 %
8 Iboperenda 8035	2692	134	53	148	68	3.4	4.9	33.8	1.0	36.8	1.5	1.8	1.0	35.7
9 Across 8035	2550	127	55	150	71	3.5	2.0	35.5	1.5	34.3	1.5	1.5	1.0	37.1
11 across 7635 RE	2529	126	52	144	67	4.4	2.3	24.2	1.0	34.0	1.3	1.5	1.0	32.7
2 Suwan 8126	2385	118	54	152	81	3.5	3.5	26.8	1.0	37.0	1.5	1.8	1.0	36.9
5 Suwan 8131	2365	117	51	142	60	4.1	6.3	43.0	1.0	36.5	1.3	1.3	1.0	34.0
4 Islamabad (1) 8131	2239	111	51	150	67	3.7	0.7	45.0	1.5	35.5	1.5	1.8	1.0	35.3
1 Poza Rica 8126	2200	109	53	143	66	7.7	4.3	32.3	1.0	35.5	1.3	1.3	1.0	36.7
6 Suwan (1) 8131	2179	108	51	137	60	6.2	4.0	32.8	1.5	35.5	1.8	2.3	1.0	33.2
10 Across 7726 RE	2172	108	55	150	77	0.7	2.0	30.0	1.0	36.8	1.3	1.3	1.0	34.2
7 Across 8131	2091	104	52	137	60	2.7	3.3	29.8	1.0	37.3	1.3	1.5	1.0	37.5
3 La Molina 8131	1831	91	54	126	68	4.0	5.6	42.7	1.3	31.5	1.8	1.8	1.0	37.1
MEANS	2294	114	53	144	68	4.0	3.5	34.2	1.2	35.5	1.4	1.6	1.0	35.5
MAXIMUM	2692	134	55	152	81	7.7	6.3	45.0	1.5	37.3	1.8	2.3	1.0	37.5
MINIMUM	1831	91	51	126	60	0.7	0.7	24.2	1.0	31.5	1.3	1.3	1.0	32.7
CHECKS (TESTIGOS):														
13 TALCOO	2015	-	52	170	93	3.1	4.7	24.7	1.3	33.0	1.5	1.8	1.0	35.3
12 WESTERN YELLOW	1839	-	54	162	87	8.6	0.8	24.3	1.0	36.3	1.5	1.8	1.0	39.7
CHECK MEANS	1927	-	52	165	89	5.8	2.8	24.5	1.1	34.6	1.5	1.8	1.0	37.5
5% LSD	712.8		2.4	18.0	12.6					3.9				4.9
C.V.	22.2		3.2	8.6	12.4					7.7				9.6

TABLE: 199-V-83

EVT14A YEAR 1983 SIERRA LEONE MOYAMBA

CO-OPERATOR: ACRE PROJECT

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 %
3 La Molina 8131	1291	203	57	143	61	6.0	3.7	8.0	1.8	30.0	1.3	1.3	1.0	31.2
9 Across 8035	1278	201	56	147	64	8.6	4.6	14.0	1.0	32.0	1.3	1.3	1.0	38.0
11 across 7635 RE	1215	191	57	128	53	9.0	0.0	9.7	1.3	28.5	1.8	1.8	1.0	37.4
2 Suwan 8126	936	147	60	133	60	5.1	1.4	5.2	1.8	29.8	2.5	2.5	1.0	30.9
4 Islamabad (1) 8131	849	134	58	136	56	1.4	1.4	15.6	1.8	31.3	2.0	2.3	1.0	34.0
6 Suwan (1) 8131	823	130	56	131	53	6.5	3.7	6.6	2.0	31.0	2.0	2.3	1.0	33.0
5 Suwan 8131	806	127	58	134	53	9.2	1.3	10.8	1.5	26.3	2.3	2.3	1.0	34.2
10 Across 7726 RE	681	107	58	136	66	6.5	2.8	17.6	2.0	27.5	2.5	2.5	1.0	40.3
8 Iboperenda 8035	673	106	58	135	54	1.6	0.0	10.3	2.8	29.5	2.8	2.8	1.0	36.5
1 Poza Rica 8126	586	92	59	127	54	2.3	0.0	13.0	2.5	30.8	3.0	3.0	1.0	37.3
7 Across 8131	450	71	58	145	55	1.3	1.3	11.9	2.8	24.5	3.0	3.0	1.0	32.5
MEANS	872	137	58	136	57	5.2	1.8	11.2	1.9	29.2	2.2	2.3	1.0	35.0
MAXIMUM	1291	203	60	147	66	9.2	4.6	17.6	2.8	32.0	3.0	3.0	1.0	40.3
MINIMUM	450	71	56	127	53	1.3	0.0	5.2	1.0	24.5	1.3	1.3	1.0	30.9
CHECKS (TESTIGOS):														
13 TALCOO	635	-	60	183	84	6.5	2.4	19.6	2.3	25.8	2.3	2.3	1.0	36.3
12 WESTERN YELLOW	304	-	59	157	69	4.6	3.1	6.9	2.5	18.8	2.8	2.8	1.0	34.4
CHECK MEANS	469	-	59	169	76	5.5	2.8	13.3	2.4	22.3	2.5	2.5	1.0	35.3
5% LSD	572.8		3.8	29.5	20.2					6.3				4.7
C.V.	49.3		4.5	14.6	23.4					15.6				9.3

TABLE: 200-V-83

EVT14A YEAR 1983 ZAIRE GANDAJIKA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	H.MAYDIS %	STEM LODG	ROOT LODG	%EAR ROT	PUCC	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
7 Across 8131	5287	93	55	209	105	6.3	6.4	27.6	2.0	1.5	35.0	2.5	3.4	1.5	21.1
2 Suwan 8126	5276	93	62	189	100	6.3	11.9	9.0	0.6	1.5	36.0	2.3	9.7	1.3	21.7
1 Poza Rica 8126	5096	90	63	195	107	6.8	7.9	14.8	1.7	1.3	34.5	1.8	8.0	1.5	24.0
4 Islamabad (1) 8131	4978	88	57	188	95	4.5	9.2	15.8	0.0	1.8	38.0	1.9	5.6	1.3	22.4
3 La Molina 8131	4939	87	58	207	110	7.8	7.6	20.0	3.2	2.0	32.5	2.5	7.2	1.5	21.2
6 Suwan (1) 8131	4933	87	58	183	88	6.5	6.3	34.8	1.8	1.3	34.0	2.3	5.1	1.5	21.3
11 across 7635 RE	4881	86	62	221	117	9.3	8.5	32.1	2.2	1.8	30.8	2.5	7.3	1.8	23.0
5 Suwan 8131	4847	86	56	195	99	7.5	12.7	9.7	3.9	1.5	36.5	2.5	9.1	1.0	23.6
9 Across 8035	4782	84	62	206	105	8.5	7.9	35.9	1.5	1.5	31.8	3.0	10.9	1.8	21.3
10 Across 7726 RE	4599	81	65	209	109	9.8	5.9	31.9	0.8	2.0	32.5	2.8	14.3	1.5	22.3
8 Iboperenda 8035	4593	81	63	204	117	7.5	4.7	21.4	1.9	1.8	32.8	2.3	8.[illegible]	1.5	22.2
MEANS	4928	87	60	201	105	7.3	8.1	23.0	1.8	1.6	34.0	2.4	8.1	1.5	22.2
MAXIMUM	5287	93	65	221	117	9.8	12.7	35.9	3.9	2.0	38.0	3.0	14.3	1.8	24.0
MINIMUM	4593	81	55	183	88	4.5	4.7	9.0	0.0	1.3	30.8	1.8	3.4	1.0	21.1
CHECKS (TESTIGOS):															
12 KASAI I	5662	-	70	179	91	15.3	5.9	22.5	0.0	2.0	25.8	2.8	8.2	2.3	25.6
13 SALONGO II	5259	-	69	189	101	4.3	3.4	15.2	2.1	2.0	31.0	2.0	6.0	2.0	24.7
CHECK MEANS	5461	-	69	183	96	9.8	4.7	18.9	1.0	2.0	28.4	2.4	7.1	2.1	25.1
5% LSD	1472.4		4.1	44.5	39.4						7.2				
C.V.	20.5		4.6	13.7	26.6						15.1				

TABLE: 201-V-83

EVT14A YEAR 1983 BURMA YEZIN

CO-OPERATOR: DR. TUN SAING + UMAW KYI

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PITHIUM STALK ROT %	STEM LODG	ROOT LODG	%EAR ROT	STALK ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
4 Islamabad (1) 8131	5090	136	39	200	100	3.0	14.6	13.7	6.0	60.8	3.1	41.0	2.8	3.4	32.1
3 La Molina 8131	5078	136	39	184	99	3.1	7.4	10.1	9.2	37.0	3.4	42.3	2.8	3.3	33.5
5 Suwan 8131	5008	134	39	196	102	0.6	10.0	7.8	10.0	39.7	3.0	42.8	3.1	3.4	31.2
7 Across 8131	4861	130	39	186	97	3.6	11.9	13.6	8.4	45.2	2.6	41.0	2.4	3.5	32.9
6 Suwan (1) 8131	4790	128	39	206	104	3.0	12.2	18.0	7.8	65.5	3.5	41.5	2.9	4.0	32.7
2 Suwan 8126	4507	120	42	210	115	1.2	18.0	9.9	12.5	55.8	2.6	40.5	2.8	3.8	29.8
11 across 7635 RE	4352	116	41	187	108	4.7	19.9	23.5	25.2	62.8	3.8	37.8	3.3	3.6	32.5
10 Across 7726 RE	4247	113	43	198	111	7.7	10.2	17.2	15.4	52.8	3.8	40.3	3.6	3.4	32.9
8 Iboperenda 8035	4175	111	41	196	102	2.4	20.7	8.8	13.6	39.9	3.4	41.5	3.3	3.5	33.3
1 Poza Rica 8126	4004	107	42	211	115	7.5	18.6	9.8	29.3	59.1	4.3	40.3	3.6	3.6	32.5
9 Across 8035	3962	106	42	189	101	4.6	18.0	30.6	23.9	52.1	3.4	39.3	3.5	4.0	32.8
MEANS	4552	122	41	197	105	3.8	14.7	14.8	14.7	51.9	3.3	40.7	3.1	3.6	32.4
MAXIMUM	5090	136	43	211	115	7.7	20.7	30.6	29.3	65.5	4.3	42.8	3.6	4.0	33.5
MINIMUM	3962	106	39	184	97	0.6	7.4	7.8	6.0	37.0	2.6	37.8	2.4	3.3	29.8
CHECKS (TESTIGOS):															
12 SHWE WAR 1	3746	-	42	167	89	0.7	12.6	34.2	28.2	46.7	2.8	38.3	3.4	3.9	32.2
13 SHWE WAR 8	3716	-	41	170	96	6.0	24.4	26.5	26.1	70.1	3.6	38.0	3.5	3.9	32.8
CHECK MEANS	3731	-	41	168	92	3.3	18.5	30.4	27.2	58.4	3.2	38.1	3.4	3.9	32.5
5% LSD	942.6		1.0	12.2	12.0							3.9			
C.V.	14.9		1.6	4.4	8.1							6.7			

TABLE: 202-V-83

EVT14A YEAR 1983 INDONESIA BONTOBILI

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EARS/ PLNT
4 Islamabad (1) 8131	7064	127	53	156	71	0.6	32.7	38.0	1.0
5 Suwan 8131	6896	124	53	160	71	0.6	22.1	39.3	1.0
8 Iboperenda 8035	6167	111	54	164	75	0.0	27.3	38.8	1.0
2 Suwan 8126	6111	110	53	175	85	0.6	24.7	38.0	1.0
3 La Molina 8131	5662	102	54	153	67	0.7	11.4	36.5	1.1
7 Across 8131	5494	99	55	157	71	1.4	20.1	37.8	1.1
6 Suwan (1) 8131	5438	98	55	156	66	0.6	22.8	37.8	1.0
1 Poza Rica 8126	5326	96	55	164	74	0.0	17.0	38.0	1.1
9 Across 8035	4933	89	56	164	69	2.9	36.9	35.8	1.0
11 across 7635 RE	4709	85	56	157	66	1.3	11.8	38.3	1.0
10 Across 7726 RE	4092	74	57	162	72	1.4	18.9	36.5	1.0
MEANS	5626	101	55	161	71	0.9	22.3	37.7	1.0
MAXIMUM	7064	127	57	175	85	2.9	36.9	39.3	1.1
MINIMUM	4092	74	53	153	66	0.0	11.4	35.8	1.0
CHECKS (TESTIGOS):									
12 LOCAL CHECK 1	5550	-	55	161	71	0.0	3.3	39.3	1.0
13 LOCAL CHECK 2	5550	-	56	178	83	3.2	30.5	39.3	1.0
CHECK MEANS	5550	-	55	169	76	1.6	16.9	39.3	1.0
5% LSD	1845.7		2.5	10.3	9.0			3.4	
C.V.	22.9		3.2	4.4	8.7			6.2	

TABLE: 203-V-83

EVT14A YEAR 1983 THAILAND SUWAN

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	PLANT ASPECT	EARS/ PLNT	MOIST %
6 Suwan (1) 8131	6206	74	46	195	99	26.8	6.6	16.9	2.8	43.8	2.5	3.1	0.9	26.4
5 Suwan 8131	5965	71	48	200	98	13.8	5.5	15.2	2.6	43.5	2.6	2.8	0.9	28.8
4 Islamabad (1) 8131	5744	68	47	195	98	24.7	7.2	13.7	2.6	43.5	2.9	3.4	0.8	27.9
7 Across 8131	5646	67	46	191	99	26.3	6.0	16.8	2.6	43.8	2.6	2.9	0.8	26.7
2 Suwan 8126	5596	67	50	188	102	23.9	8.2	18.4	2.8	43.0	2.5	3.1	0.9	30.3
9 Across 8035	5547	66	51	195	101	19.9	7.4	22.6	2.6	44.0	2.6	3.3	0.9	30.1
3 La Molina 8131	5449	65	45	186	98	35.7	6.0	35.8	2.6	43.5	2.9	3.3	0.9	26.6
11 across 7635 RE	5364	64	50	199	101	37.4	8.6	31.6	3.0	43.5	2.6	3.4	0.8	29.9
8 Iboperenda 8035	4640	55	49	193	102	39.7	7.5	22.0	2.9	43.5	2.8	3.4	0.8	29.2
10 Across 7726 RE	4320	51	52	198	108	35.4	7.1	30.9	2.8	43.8	3.3	3.6	0.7	31.5
1 Poza Rica 8126	3825	46	51	194	102	50.5	7.5	28.6	2.5	43.0	3.4	3.8	0.6	28.9
MEANS	5300	63	49	194	101	30.4	7.1	22.9	2.7	43.5	2.8	3.3	0.8	28.8
MAXIMUM	6206	74	52	200	108	50.5	8.6	35.8	3.0	44.0	3.4	3.8	0.9	31.5
MINIMUM	3825	46	45	186	98	13.8	5.5	13.7	2.5	43.0	2.5	2.8	0.6	26.4
CHECKS (TESTIGOS):														
13 SUWAN 1-C8	8404	-	52	216	124	2.3	6.3	6.7	2.6	44.0	1.8	2.5	1.0	32.6
12 SUWAN 2-C6	7611	-	48	204	108	4.5	5.7	5.8	2.5	44.0	1.9	2.8	1.0	28.6
CHECK MEANS	8007	-	50	210	115	3.4	6.0	6.2	2.6	44.0	1.8	2.6	1.0	30.6
5% LSD	771.0		2.2	10.3	7.9					0.9				2.1
C.V.	9.4		3.2	3.6	5.3					1.4				5.0

TABLE: 204-V-83

EVT14A YEAR 1983 THAILAND UBONRACHTHANI

CO-OPERATOR: DR. KITISRI SUKHAPINDA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	PLNTS GERM	EARS/ PLNT	MOIST %
3 La Molina 8131	1491	257	44	146	66	42.0	84.0	0.5	12.1
11 across 7635 RE	1094	189	47	140	60	42.8	85.5	0.4	12.2
4 Islamabad (1) 8131	899	155	43	154	77	39.8	79.5	0.4	12.2
8 Iboperenda 8035	848	146	46	143	66	43.3	86.5	0.3	21.0
7 Across 8131	841	145	45	137	56	40.0	78.5	0.4	11.9
6 Suwan (1) 8131	833	144	46	147	67	41.0	82.0	0.4	12.0
9 Across 8035	762	132	49	137	56	39.3	78.5	0.4	12.2
10 Across 7726 RE	745	129	49	166	83	42.8	85.5	0.3	12.2
1 Poza Rica 8126	726	125	46	156	72	43.3	86.5	0.3	20.9
5 Suwan 8131	702	121	44	144	62	42.5	85.0	0.3	12.2
2 Suwan 8126	550	95	46	153	76	42.5	85.0	0.2	20.4
MEANS	863	149	46	148	67	41.7	83.3	0.4	14.5
MAXIMUM	1491	257	49	166	83	43.3	86.5	0.5	21.0
MINIMUM	550	95	43	137	56	39.3	78.5	0.2	11.9
CHECKS (TESTIGOS):									
12 SUWAN 1	579	-	51	152	71	38.3	76.5	0.2	16.5
13 TE F 112 DR	572	-	47	153	77	39.8	79.5	0.2	12.1
CHECK MEANS	576	-	49	152	73	39.0	78.0	0.2	14.3
5% LSD	649.8		2.8	14.0	10.7	2.9			12.5
C.V.	55.4		4.1	6.6	10.9	4.9			60.2

TABLE: 205-V-83

TRIAL: EVT14A

YEAR: 1983

MEANS ACROSS 38 LOCATIONS

ENTRY NO. AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
2 Suwan 8126	4170	Mezcla Amarilla	107	53	187
1 Poza Rica 8126	3978	" "	102	54	187
6 Suwan (1) 8131	3899	Amarillo Cristalino-2	100	50	179
10 Across 7726 RE	3889	Mezcla Amarilla	100	55	189
9 Across 8035	3830	Ant. x Rep. Dom.	98	54	179
4 Islamabad (1) 8131	3828	Amarillo Cristalino-2	98	50	176
11 across 7635 RE	3814	Ant. x Rep. Dom.	98	52	177
3 La Molina 8131	3767	Amarillo Cristalino-2	97	50	173
5 Suwan 8131	3766	" " "	97	50	178
8 Iboperenda 8035	3735	Ant. x Rep. Dom.	96	53	178
7 Across 8131	3718	Amarillo Cristalino-2	96	50	174

TABLE: 206-V-83

EVT14B YEAR 1983 ARGENTINA BUENOS AIRES

CO-OPERATOR: CRIADERO MORGAN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PUCC	PLANTS HARV	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
7 Poza Rica 8149	1917	62	179	83	23.4	0.0	2.3	32.5	14.4	3.3	1.0	16.0
10 Across 8149	1667	54	183	88	9.2	0.0	2.3	31.3	13.1	3.8	0.9	16.5
12 Los Diamantes 7823FE	1613	53	173	84	15.3	3.4	2.5	28.0	3.2	4.3	0.9	13.0
9 Rattray-Arnld(1)8149	1554	51	171	85	9.1	0.0	2.5	29.8	18.4	3.8	0.9	12.1
8 Ikene 8149	1528	50	183	80	16.7	0.0	2.0	31.8	16.7	3.3	0.8	12.2
6 Across 8032	1366	44	186	86	20.0	0.8	2.3	31.0	10.8	3.5	0.9	14.5
5 Ilonga 8032	1300	42	170	83	9.9	0.8	2.3	32.0	6.2	3.5	1.0	14.0
1 CIAT 8130	852	28	180	89	18.3	0.0	2.5	26.3	19.6	3.8	0.7	14.7
2 Comayagua 8130	851	28	179	85	14.2	0.7	2.3	31.8	16.4	3.5	0.8	14.8
4 Poza Rica 8130	748	24	174	76	13.2	1.5	2.8	32.0	23.4	4.8	0.6	12.6
11 Pirsabak (1) 7930 RE	636	21	168	75	28.9	3.5	2.3	30.8	11.2	4.3	0.7	14.2
3 Comayagua (1) 8130	567	18	175	78	13.6	4.7	2.5	28.5	18.8	3.8	0.6	17.1
MEANS	1216	40	177	83	16.0	1.3	2.4	30.5	14.4	3.8	0.8	14.3
MAXIMUM	1917	62	186	89	28.9	4.7	2.8	32.5	23.4	4.8	1.0	17.1
MINIMUM	567	18	168	75	9.1	0.0	2.0	26.3	3.2	3.3	0.6	12.1
CHECKS (TESTIGOS):												
13 MORGAN 400	3070	-	183	90	34.5	0.7	2.0	31.8	4.6	3.5	1.0	12.5
14 CARGILL TRIHIB 81	2382	-	180	83	24.2	1.9	2.0	27.8	19.9	4.0	0.8	13.0
CHECK MEANS	2726	-	181	86	29.3	1.3	2.0	29.8	12.3	3.8	0.9	12.8
5% LSD	488.7		10.3	8.8				5.0				
C.V.	23.9		4.1	7.4				11.6				

TABLE: 207-V-83

EVT14B YEAR 1983 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	PLANT ASPECT	EARS/ PLNT	%DIST %
5 Ilonga 8032	7222	115	54	213	113	0.8	0.8	7.8	33.0	1.3	1.3	0.2	20.0
9 Rattray-Arnld(1)8149	6845	109	59	178	88	0.7	0.0	4.4	39.0	1.8	1.5	0.1	18.5
7 Poza Rica 8149	6784	108	61	173	83	0.0	0.0	4.8	39.5	1.8	1.8	0.1	18.6
8 Ikene 8149	6270	100	58	168	83	0.0	0.6	4.7	38.8	1.8	1.8	0.1	19.1
1 CIAT 8130	6123	97	52	195	100	7.2	5.8	4.7	38.8	1.5	1.0	0.1	16.6
3 Comayagua (1) 8130	6097	97	52	200	103	0.6	0.0	0.6	38.0	1.0	1.0	0.1	17.3
11 Pirsabak (1) 7930 RE	5986	95	60	183	90	2.6	0.0	6.8	36.3	1.5	1.8	0.1	16.4
10 Across 8149	5723	91	59	180	85	0.0	0.0	3.0	35.8	1.8	1.5	0.1	17.9
12 Los Diamantes 7823RE	5607	89	60	215	118	0.0	2.9	9.9	37.3	1.8	1.0	0.3	18.7
6 Across 8032	5566	89	53	215	113	0.7	0.0	9.0	36.5	1.8	1.0	0.2	18.7
4 Poza Rica 8130	5320	85	55	200	100	0.6	1.3	4.2	40.5	1.8	1.0	0.1	16.5
2 Comayagua 8130	5247	84	62	208	108	2.0	1.2	7.7	41.0	1.8	1.5	0.2	17.1
MEANS	6066	97	57	194	98	1.3	1.1	5.6	37.9	1.5	1.3	0.1	18.0
MAXIMUM	7222	115	62	215	118	7.2	5.8	9.9	41.0	1.8	1.8	0.3	20.0
MINIMUM	5247	84	52	168	83	0.0	0.0	0.6	33.0	1.0	1.0	0.0	16.4
CHECKS (TESTIGOS):													
13 TUXPENO P.B. IBOP	6281	-	70	235	135	0.0	0.0	6.5	33.5	1.0	1.0	0.2	20.1
14 BLANCO CRISTALINO I	6161	-	61	200	100	1.5	0.0	7.9	31.3	1.8	1.0	0.3	19.1
CHECK MEANS	6221	-	65	217	117	0.7	0.0	7.2	32.4	1.4	1.0	0.2	19.6
5% LSD	1694.6		1.8	23.2	19.5				5.8				1.7
C.V.	19.5		2.2	8.2	13.5				10.9				6.5

TABLE: 208-V-83

EVT14B YEAR 1983 BRAZIL SETE LAGOAS

CO-OPERATOR: CNPMS-EMBRAPA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
8 Ikene 8149	4646	94	64	134	61	12.9	0.0	1.5	44.0	1.0	14.3
7 Poza Rica 8149	4507	91	64	129	59	13.6	2.3	1.1	41.0	1.1	14.2
9 Rattray-Arnld(1)8149	4163	84	63	125	58	12.3	0.6	2.9	41.5	1.0	14.2
12 Los Diamantes 7823RE	3795	77	67	143	71	11.3	1.2	5.2	41.3	1.0	14.2
10 Across 8149	3772	77	65	118	56	11.8	1.3	0.6	39.5	1.0	14.7
5 Ilonga 8032	3751	76	68	149	73	11.5	3.2	0.6	40.0	1.0	14.7
4 Poza Rica 8130	3539	72	58	139	66	10.6	0.0	3.4	40.8	1.1	13.9
1 CIAT 8130	3495	71	59	140	70	11.1	2.0	0.6	38.0	1.0	13.5
3 Comayagua (1) 8130	3190	65	58	139	69	9.5	0.0	0.0	41.0	1.0	14.5
6 Across 8032	3124	63	69	141	66	10.5	6.2	2.6	36.5	1.0	14.7
2 Comayagua 8130	3034	62	60	143	73	10.2	0.0	0.0	36.5	1.1	13.8
11 Pirsabak (1) 7930 RE	3012	61	59	128	59	10.1	6.9	2.4	36.3	1.1	13.8
MEANS	3669	74	63	135	65	11.3	2.0	1.8	39.7	1.1	14.2
MAXIMUM	4646	94	69	149	73	13.6	6.9	5.2	44.0	1.1	14.7
MINIMUM	3012	61	58	118	56	9.5	0.0	0.0	36.3	1.0	13.5
CHECKS (TESTIGOS):											
14 LOCAL CHECK 2	4930	-	75	166	83	15.1	1.9	0.0	41.0	1.0	16.7
13 LOCAL CHECK 1	4194	-	74	135	68	12.4	0.0	1.2	41.3	1.0	14.3
CHECK MEANS	4562	-	74	150	75	13.8	0.9	0.6	41.1	1.0	15.5
5% LSD	924.0		3.1	12.1	8.7				3.5		0.4
C.V.	17.0		3.4	6.1	9.2				6.1		1.9

TABLE: 209-V-83

EVT148 YEAR 1983 BRAZIL GUAIRA

CO-OPERATOR: AGROMEN SEMENTES LTDA.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
10 Across 8149	4727	138	168	76	2.9	1.2	2.3	43.5	1.0
1 CIAT 8130	4727	138	195	94	16.7	0.0	3.3	43.5	1.0
8 Ikene 8149	4444	129	179	85	4.6	0.0	3.6	43.8	1.0
5 Ilonga 8032	4364	127	195	98	7.4	0.0	3.8	43.8	0.9
7 Poza Rica 8149	4303	125	155	63	5.2	0.0	1.7	43.3	1.0
4 Poza Rica 8130	4263	124	176	80	7.8	0.0	2.2	45.0	1.0
6 Across 8032	4202	122	210	104	8.6	0.0	3.0	43.8	0.9
9 Rattray-Arnld(1)8149	4182	122	160	68	3.5	0.0	0.0	43.5	0.9
2 Comayagua 8130	3879	113	186	86	17.3	0.0	2.4	43.3	0.9
12 Los Diamantes 7823RE	3737	109	201	100	5.9	2.9	3.2	42.3	0.9
11 Pirsabak (1) 7930 RE	3737	109	180	85	5.2	0.6	3.1	42.0	1.0
3 Comayagua (1) 8130	3455	101	179	83	12.1	0.0	3.1	42.8	0.9
MEANS	4168	121	182	85	8.1	0.4	2.6	43.4	1.0
MAXIMUM	4727	138	210	104	17.3	2.9	3.8	45.0	1.0
MINIMUM	3455	101	155	63	2.9	0.0	0.0	42.0	0.9
CHECKS (TESTIGOS):									
13 CMS 05 (ORIGINAL)	3434	-	196	99	12.0	0.0	3.5	30.5	1.0
14 AGROMEN 1015	2869	-	260	148	11.4	1.2	1.3	21.0	1.1
CHECK MEANS	3152	-	228	123	11.7	0.6	2.4	25.8	1.0
5% LSD	735.1		13.9	10.6				3.6	
C.V.	12.8		5.1	8.2				6.2	

TABLE: 210-V-83

EVT148 YEAR 1983 MEXICO OBREGON(2)

CO-OPERATOR: O. COTA Y J. M. VALENZUELA

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 Los Diamantes 7823RE	8402	114	71	206	106	1.3	13.8	1.5	41.3	4.3	13.3	1.2	24.8
5 Ilonga 8032	7881	107	72	208	114	2.3	9.2	6.7	43.8	4.1	4.0	1.1	25.8
6 Across 8032	7855	107	70	208	109	1.2	18.0	4.8	42.5	4.1	6.9	1.1	25.2
8 Ikene 8149	7736	105	65	179	88	1.2	5.3	1.5	43.0	3.6	7.5	1.1	23.3
11 Pirsabak (1) 7930 RE	7411	101	61	179	85	1.1	9.7	2.1	44.0	3.6	14.2	1.1	17.2
9 Rattray-Arnld(1)8149	7335	100	62	185	95	0.0	2.9	6.4	43.3	3.8	12.7	1.1	21.3
7 Poza Rica 8149	7295	99	64	165	74	0.0	2.4	2.5	42.8	3.8	10.0	1.1	22.2
1 CIAT 8130	7117	97	61	204	113	4.0	7.9	6.5	44.3	4.0	11.3	1.1	18.5
10 Across 8149	7048	96	63	170	90	2.4	1.8	2.2	41.5	3.8	12.7	1.1	23.2
4 Poza Rica 8130	6450	88	63	190	95	1.3	7.1	0.0	42.0	3.8	12.0	1.0	20.0
3 Comayagua (1) 8130	5995	82	61	213	103	1.1	1.7	2.8	43.5	3.8	4.0	1.0	19.9
2 Comayagua 8130	5987	82	61	199	104	2.6	10.1	1.7	41.0	3.5	7.2	1.1	21.2
MEANS	7209	98	64	192	98	1.5	7.5	3.2	42.7	3.8	9.7	1.1	21.9
MAXIMUM	8402	114	72	213	114	4.0	18.0	6.7	44.3	4.3	14.2	1.2	25.8
MINIMUM	5987	82	61	165	74	0.0	1.7	0.0	41.0	3.5	4.0	1.0	17.2
CHECKS (TESTIGOS):													
14 V-424	7340	-	62	173	93	0.6	0.0	1.8	40.3	4.3	6.2	1.0	21.1
13 V-425	6987	-	66	195	103	1.2	6.3	5.9	39.8	4.0	11.7	1.0	22.0
CHECK MEANS	7164	-	64	183	97	0.9	3.2	3.9	40.0	4.1	8.9	1.0	21.5
5% LSD	835.7		4.8	18.3	18.4				3.5				3.7
C.V.	8.1		5.2	6.7	13.1				5.9				12.0

TABLE: 211-V-83

EVT148 YEAR 1983 MEXICO ROSARIO ISAPA

CO-OPERATOR: ING. MANUEL GRAJALES

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
12 Los Diamantes 7823RE	6393	97	53	218	111	0.6	0.0	6.8	40.8	4.0	1.8	1.0	25.3
6 Across 8032	5734	87	55	214	101	0.6	0.0	12.0	41.8	3.1	2.3	0.9	26.0
8 Ikene 8149	5558	84	52	153	82	0.6	0.0	15.9	41.8	3.5	2.3	1.0	21.8
2 Comayagua 8130	5307	80	47	205	96	0.6	0.0	8.0	41.8	3.4	2.8	1.0	18.8
7 Poza Rica 8149	5220	79	52	154	80	0.7	0.0	15.0	39.3	3.4	1.5	1.1	23.3
11 Pirsabak (1) 7930 RE	5168	78	47	201	92	1.2	0.0	15.1	41.5	3.4	2.0	0.9	18.8
3 Comayagua (1) 8130	5133	78	47	177	88	1.8	0.0	6.8	40.0	3.6	2.3	1.0	19.0
5 Ilonga 8032	5117	77	55	198	100	2.0	0.0	12.9	41.3	3.4	1.5	0.9	25.0
1 CIAT 8130	5106	77	51	191	103	0.6	0.0	13.7	41.5	3.1	2.0	1.0	20.3
10 Across 8149	5000	76	52	152	73	0.6	0.0	11.0	38.8	3.4	3.0	0.9	23.0
4 Poza Rica 8130	4841	73	48	186	87	0.6	0.0	9.1	41.8	3.5	3.3	1.0	18.8
9 Rattray-Arnld(1)8149	4816	73	52	169	80	1.2	0.0	15.2	42.0	3.4	1.8	0.9	23.5
MEANS	5283	80	51	185	91	0.9	0.0	11.8	41.0	3.4	2.2	1.0	21.9
MAXIMUM	6393	97	55	218	111	2.0	0.0	15.9	42.0	4.0	3.3	1.1	26.0
MINIMUM	4816	73	47	152	73	0.6	0.0	6.8	38.8	3.1	1.5	0.9	18.8
CHECKS (TESTIGOS):													
13 HS-3	6606	-	58	226	111	0.9	0.0	11.6	37.8	3.8	1.8	1.0	25.0
14 CRIOLLO PRECOZ	4083	-	50	169	81	6.2	0.0	15.7	36.5	3.0	3.0	1.1	19.3
CHECK MEANS	5345	-	53	197	95	3.6	0.0	13.7	37.1	3.4	2.4	1.0	22.1
5% LSD	1002.5		1.9	28.6	13.7				5.2				2.8
C.V.	13.2		2.5	10.7	10.5				9.0				8.8

TABLE: 212-V-83

EVT14B YEAR 1983 MEXICO COCULA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
7 Poza Rica 8149	2241	504	57	142	71	3.7	12.2	41.9	22.4	34.5	3.0	12.7	1.5	0.7	6.5
9 Rattray-Arnld(1)8149	2072	466	58	157	78	5.0	6.6	47.7	27.2	35.0	3.3	23.7	1.8	0.6	6.9
8 Ikeno 8149	1812	408	56	157	77	4.4	17.8	53.3	31.9	33.8	3.3	24.8	2.0	0.6	6.6
10 Across 8149	1730	389	59	159	72	5.4	13.8	57.9	33.6	32.0	3.8	28.2	2.6	0.6	6.8
3 Comayagua (1) 8130	1716	386	56	180	87	7.4	35.0	29.3	39.7	31.5	3.3	13.6	3.8	0.6	5.4
1 CIAT 8130	1500	338	59	180	105	6.7	39.1	55.3	42.9	33.8	3.0	29.9	4.3	0.5	6.1
4 Poza Rica 8130	1481	333	55	187	92	5.3	20.5	41.4	41.4	32.8	3.0	25.1	3.3	0.5	5.6
2 Comayagua 8130	1469	331	54	195	96	7.0	30.6	34.7	38.4	32.5	2.5	23.7	3.8	0.5	5.5
11 Pirsabak (1) 7930 RE	1236	278	57	179	87	3.4	20.9	44.6	54.0	34.3	3.5	29.6	3.3	0.4	5.8
5 Ilonga 8032	1236	278	64	179	95	1.5	39.8	74.8	49.5	32.5	4.5	32.7	3.3	0.4	6.9
6 Across 8032	1217	274	63	191	100	0.7	38.2	62.7	45.0	32.3	4.8	31.8	2.8	0.4	7.4
12 Los Diamantes 7823RE	946	213	64	177	94	0.0	34.7	30.3	64.0	29.0	3.0	29.8	4.3	0.4	6.9
MEANS	1355	350	58	173	88	4.2	25.8	47.8	40.8	32.8	3.4	25.5	3.0	0.5	6.4
MAXIMUM	2241	504	64	195	105	7.4	39.8	74.8	64.0	35.0	4.8	32.7	4.3	0.7	7.4
MINIMUM	946	213	54	142	71	0.0	6.6	29.3	22.4	29.0	2.5	12.7	1.5	0.4	5.4
CHECKS (TESTIGOS):															
14 LOCAL CHECK 2	444	-	65	144	84	0.0	53.4	87.5	60.9	29.0	4.5	80.8	3.8	0.2	8.5
13 LOCAL CHECK 1	295	-	64	238	141	2.4	63.3	82.5	74.5	25.3	4.3	39.0	5.0	0.2	6.1
CHECK MEANS	370	-	64	191	112	1.2	58.3	85.0	67.7	27.1	4.4	59.9	4.4	0.2	7.3
5% LSD	639.0		4.7	15.2	8.5					3.0					1.0
C.V.	32.3		5.5	6.0	6.5					6.5					11.0

TABLE: 213-V-83

EVT14B YEAR 1983 GABON LEBAMBA

CO-OPERATOR: R. RAVOAVY, G. MC. INTYRE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLNTS GERM	EARS/ PLNT
6 Across 8032	4897	91	67	134	46	29.9	4.1	43.5	2.5	0.0	87.3	0.8
12 Los Diamantes 7823RE	4630	86	66	167	68	48.5	5.2	43.3	1.8	0.0	87.8	0.9
8 Ikene 8149	3733	69	61	144	50	28.0	13.0	41.5	2.8	0.0	85.5	0.9
5 Ilonga 8032	3515	65	66	160	49	31.9	8.4	42.8	2.3	0.0	87.3	0.9
7 Poza Rica 8149	3467	64	61	145	41	19.8	8.6	43.0	4.0	0.0	87.0	0.9
10 Across 8149	3176	59	63	146	47	39.6	10.6	43.5	3.3	0.0	87.8	0.9
9 Rattray-Arnld(1)8149	3006	56	60	132	42	42.4	7.5	43.8	3.3	0.0	87.3	0.9
11 Pirsabak (1) 7930 RE	2327	43	53	143	41	69.6	12.2	42.3	3.8	0.0	86.5	0.8
1 CIAT 8130	2279	42	60	149	49	66.2	10.7	43.8	3.8	0.0	87.5	0.8
4 Poza Rica 8130	2279	42	56	154	44	39.0	13.7	43.5	3.0	0.0	87.5	0.8
2 Comayagua 8130	2109	39	58	143	36	64.8	12.6	42.0	3.5	0.0	87.5	0.8
3 Comayagua (1) 8130	2061	38	57	151	42	43.7	16.6	43.5	3.8	0.0	87.3	0.8
MEANS	3123	58	60	147	46	43.6	10.3	43.0	3.1	0.0	87.2	0.9
MAXIMUM	4897	91	67	167	68	69.6	16.6	43.8	4.0	0.0	87.8	0.9
MINIMUM	2061	38	53	132	36	19.8	4.1	41.5	1.8	0.0	85.5	0.8
CHECKS (TESTIGOS):												
13 TZPB	5382	-	68	178	55	73.2	4.6	41.5	1.8	0.0	82.8	1.0
14 NTV	4267	-	61	180	58	70.3	9.1	41.0	4.0	0.0	85.8	1.0
CHECK MEANS	4824	-	64	178	56	71.7	6.8	41.3	2.9	0.0	84.3	1.0
5% LSD	1173.0		3.2	30.1	14.6			2.0				
C.V	24.4		3.7	13.9	21.4			3.2				

TABLE: 214-V-83

EVT14B YEAR 1983 SWAZILAND LUVE

CO-OPERATOR: J PALI-SHIKHULU EDO LIN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	HUSK COVER	STREAK %	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
12 Los Diamantes 7823RE	3693	58	64	136	70	6.3	9.6	2.5	0.0	41.0	2.8	0.9	18.8
10 Across 8149	3563	56	63	108	52	16.5	12.7	3.0	0.0	37.3	2.8	1.0	16.7
11 Pirsabak (1) 7930 RE	3338	53	57	125	60	14.1	18.3	1.8	0.0	40.8	2.3	0.9	15.7
8 Ikene 8149	3245	51	65	103	52	16.3	8.0	2.3	0.0	44.8	2.8	0.7	18.9
9 Rattray-Arnld(1)8149	3180	50	62	115	53	11.3	17.1	2.3	0.0	39.0	2.5	0.8	19.0
6 Across 8032	3145	50	63	121	63	9.7	7.6	2.0	0.0	37.8	3.3	0.9	18.8
7 Poza Rica 8149	3039	48	65	104	50	11.6	10.9	2.5	0.0	38.8	3.0	0.9	20.0
4 Poza Rica 8130	2842	45	58	121	62	11.1	13.1	2.3	0.0	40.0	2.8	0.9	18.5
3 Comayagua (1) 8130	2745	43	58	111	61	14.1	12.4	1.8	0.0	42.3	3.0	0.9	16.1
2 Comayagua 8130	2713	43	59	121	60	10.7	13.8	2.3	0.8	41.8	3.0	0.8	16.8
5 Ilonga 8032	2455	39	62	110	56	11.7	18.4	2.3	0.0	35.5	3.3	0.9	20.1
1 CIAT 8130	2387	38	57	138	65	15.6	19.8	3.0	0.0	34.8	3.3	0.9	18.7
MEANS	3029	48	61	118	59	12.4	13.5	2.3	0.1	39.5	2.9	0.9	18.2
MAXIMUM	3693	58	65	138	70	16.5	19.8	3.0	0.8	44.8	3.3	1.0	20.1
MINIMUM	2387	38	57	103	50	6.3	7.6	1.8	0.0	34.8	2.3	0.7	15.7
CHECKS (TESTIGOS):													
14 NPP X K64R	6335	-	59	121	50	13.0	5.9	2.0	0.0	42.3	2.0	1.0	20.9
13 AX 305 W	5701	-	60	148	70	16.1	21.5	2.8	0.0	39.3	2.0	1.0	18.8
CHECK MEANS	6018	-	59	134	59	14.6	13.7	2.4	0.0	40.8	2.0	1.0	19.9
5% LSD	1247.7		4.2	16.7	8.9					6.1			3.4
C.V.	25.2		4.8	9.7	10.6					10.8			12.7

TABLE: 215-V-83

EVT14B YEAR 1983 TANZANIA ILONGA

CO-OPERATOR: NATIONAL MAIZE RESEARCH PROGRAMME

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	PUCC POLY	HELM MAYD	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT	MOIST %
5 Ilonga 8032	5522	104	61	183	91	3.4	7.9	1.5	2.0	22.8	43.5	2.0	16.8	1.0	22.1
9 Rattray-Arnld(1)8149	4985	94	57	139	61	2.8	2.3	1.3	2.0	25.0	43.5	3.3	25.2	1.0	20.2
8 Ikene 8149	4929	93	56	144	66	0.0	0.6	1.5	2.0	23.8	44.0	2.8	23.2	1.0	20.3
6 Across 8032	4602	87	54	188	91	2.4	7.5	1.3	2.0	17.0	41.0	2.8	10.4	1.0	22.0
7 Poza Rica 8149	4575	86	57	138	59	1.7	2.4	1.3	2.0	19.8	42.5	3.0	19.8	1.0	22.1
2 Comayagua 8130	4285	81	52	159	84	8.3	1.3	1.5	2.0	20.5	41.3	2.8	14.7	1.0	18.7
4 Poza Rica 8130	4232	80	54	169	80	8.6	4.8	1.0	2.0	16.5	43.5	2.0	19.4	1.0	20.2
12 Los Diamantes 7823RE	4199	79	52	179	92	11.6	5.3	2.0	2.0	24.5	40.3	3.3	26.5	1.1	21.3
1 CIAT 8130	4153	78	57	164	75	4.7	1.8	1.3	2.0	20.8	42.8	2.0	24.1	1.0	18.1
10 Across 8149	4086	77	50	130	59	1.8	1.2	1.5	2.0	26.0	41.8	2.8	15.2	1.0	21.2
3 Comayagua (1) 8130	3671	69	54	161	72	4.8	5.0	1.3	2.0	14.3	42.0	2.0	6.4	1.0	19.0
11 Pirsabak (1) 7930 RE	3458	65	55	139	62	7.6	3.1	1.5	2.0	16.0	42.0	2.8	16.5	0.9	19.1
MEANS	4391	83	57	158	74	4.8	3.6	1.4	2.0	20.6	42.3	2.6	18.2	1.0	20.4
MAXIMUM	5522	104	64	188	92	11.6	7.9	2.0	2.0	26.0	44.0	3.3	26.5	1.1	22.1
MINIMUM	3458	65	52	130	59	0.0	0.6	1.0	2.0	14.3	40.3	2.0	6.4	0.9	18.1
CHECKS (TESTIGOS)															
14 STAHA	5317	-	65	215	117	3.4	3.1	1.8	2.0	9.5	42.3	2.0	13.6	0.9	21.6
13 KITO	3989	-	49	143	68	4.7	0.6	2.0	2.0	10.5	41.0	1.8	21.1	1.0	18.2
CHECK MEANS	4653	-	57	178	92	4.1	1.9	1.9	2.0	10.0	41.6	1.9	17.4	0.9	19.9
5% LSD	820.7		2.5	15.5	11.8						3.0				1.4
C.V.	13.0		3.1	6.8	10.8						4.9				5.0

TABLE: 216-V-83

EVT14B YEAR 1983 ZAIRE KISANGA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	PUCC	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
4 Poza Rica 8130	5265	91	67	170	75	3.5	8.6	4.3	1.0	1.0	1.0	36.5	1.5	2.0	21.5
6 Across 8032	5089	88	76	186	89	1.4	5.7	1.8	1.0	1.0	1.0	37.8	1.0	1.3	28.2
12 Los Diamantes 7823RE	5070	87	75	183	90	4.3	2.8	3.5	1.0	1.8	1.0	36.8	1.5	1.8	24.6
9 Rattray-Arnld(1)8149	4712	81	70	145	63	2.5	5.9	3.3	1.0	1.0	1.0	34.8	1.5	1.5	23.9
2 Comayagua 8130	4679	81	65	183	95	1.3	10.3	2.2	1.0	1.3	1.0	38.5	1.3	1.8	20.7
7 Poza Rica 8149	4394	76	73	144	64	0.0	1.3	2.2	1.0	1.0	1.0	38.3	1.5	1.8	24.7
8 Ikene 8149	4387	76	73	152	67	3.3	14.7	2.9	1.0	1.0	1.0	30.3	1.3	1.3	24.6
5 Ilonga 8032	4330	75	77	176	85	0.0	6.1	1.7	1.0	1.0	1.0	41.5	1.3	2.0	28.8
1 CIAT 8130	4326	75	67	176	83	8.2	10.2	4.0	1.0	1.0	1.0	36.5	1.5	2.0	20.1
11 Pirsabak (1) 7930 RE	4204	72	66	159	73	10.1	5.9	4.4	1.0	1.0	1.0	36.0	1.5	2.3	20.0
10 Across 8149	3968	68	72	139	63	0.6	3.3	1.3	1.0	1.0	1.0	39.3	1.0	1.8	23.6
3 Comayagua (1) 8130	3662	63	67	158	77	4.3	2.6	1.4	1.0	1.8	1.0	39.0	1.0	2.0	21.2
MEANS	4507	78	71	164	77	3.3	6.4	2.7	1.0	1.1	1.0	37.1	1.3	1.8	23.5
MAXIMUM	5265	91	77	186	95	10.1	14.7	4.4	1.0	1.8	1.0	41.5	1.5	2.3	28.8
MINIMUM	3662	63	65	139	63	0.0	1.3	1.3	1.0	1.0	1.0	30.3	1.0	1.3	20.0
CHECKS (TESTIGOS):															
13 SHABA I	5799	-	81	229	113	6.2	10.4	1.3	1.0	1.0	1.0	33.8	1.3	1.0	31.3
14 PNM I	3781	-	84	201	105	1.4	6.0	0.0	1.0	1.3	1.0	37.3	1.5	1.3	37.6
CHECK MEANS	4790	-	82	215	106	3.8	9.2	0.7	1.0	1.1	1.0	35.5	1.4	1.1	34.4
5% LSD	1753.9		2.9	29.9	21.4							6.8			
C.V.	27.0		2.8	12.2	18.4							12.9			

TABLE: 217-V-83

EVT14B YEAR 1983 ZIMBABWE RATTRAY-ARNOLD

CO-OPERATOR: R. C. OLVER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	PLNTS GERM	EARS/ PLNT	MOIST %
9 Rattray-Arnld(1)8149	8330	65	64	196	105	0.0	0.0	2.9	41.5	79.0	1.0	14.3
5 Ilonga 8032	7799	61	68	230	124	12.1	20.1	3.6	41.5	79.0	1.0	15.1
8 Ikene 8149	7588	60	65	213	119	2.9	1.2	3.5	42.3	83.0	1.0	14.6
10 Across 8149	7401	58	64	201	98	5.0	3.1	2.4	40.5	84.8	1.1	14.2
12 Los Diamantes 7823RE	7315	57	67	231	128	8.2	14.0	3.9	42.8	80.0	1.0	14.4
7 Poza Rica 8149	6888	54	65	194	103	1.3	0.6	2.4	40.3	80.3	1.0	14.8
2 Comayagua 8130	6858	54	62	221	136	7.6	11.1	2.7	42.3	82.5	1.1	13.8
1 CIAT 8130	6857	54	62	239	130	18.4	28.4	4.6	42.5	79.8	1.0	14.3
6 Across 8032	6805	53	69	255	130	6.2	33.2	3.8	40.0	78.8	1.0	15.8
4 Poza Rica 8130	6737	53	61	226	135	4.7	7.1	2.6	42.0	80.8	1.0	13.9
11 Pirsabak (1) 7930 RE	6462	51	61	235	128	6.2	4.3	5.9	41.0	81.0	1.0	14.3
3 Comayagua (1) 8130	6401	50	61	243	143	7.1	4.6	1.2	43.0	82.8	1.0	14.0
MEANS	7120	56	64	224	123	6.6	10.7	3.3	41.6	81.0	1.0	14.5
MAXIMUM	8330	65	69	255	143	18.4	33.2	5.9	43.0	84.8	1.1	15.8
MINIMUM	6401	50	61	194	98	0.0	0.0	1.2	40.0	78.8	1.0	13.8
CHECKS (TESTIGOS):												
14 ZS225	12742	-	63	268	148	4.5	7.4	1.0	44.0	86.0	1.1	12.7
13 R201	11189	-	62	270	150	2.3	5.2	5.2	42.5	84.3	1.0	13.9
CHECK MEANS	11965	-	62	268	148	3.4	6.3	3.1	43.3	85.1	1.0	13.3
5% LSD	851.0		1.2	22.8	20.4				2.8			0.9
C.V.	7.6		1.4	6.9	11.2				4.6			4.6

TABLE: 218-V-83

EVT146 YEAR 1983 BURMA YEZIN

CO-OPERATOR: DR. TUN SAING + UMAW KYI

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PITHIUM SK ROT%	STEM LODG	ROOT LODG	%EAR ROT	STALK ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
10 Across 8149	4530	131	42	154	87	0.7	13.3	1.3	9.5	36.6	3.0	38.8	3.0	3.0	24.7
9 Rattray-Arnld(1)8149	4288	124	42	166	89	1.3	12.0	2.0	10.7	33.4	3.0	37.8	2.8	3.0	25.4
7 Poza Rica 8149	4092	118	43	156	81	0.0	2.6	2.6	7.2	16.1	3.3	38.3	2.5	3.0	25.7
11 Pirsabak (1) 7930 RE	3980	115	39	181	95	1.3	15.6	1.4	13.0	75.4	3.3	38.5	3.5	3.5	22.5
8 Ikene 8149	3923	113	42	163	86	0.6	8.7	2.7	8.8	45.0	2.8	37.0	3.3	3.0	26.4
4 Poza Rica 8130	3911	113	40	198	110	3.8	9.2	2.6	20.4	40.1	3.0	38.0	3.5	3.4	25.0
12 Los Diamantes 7823RE	3896	112	45	200	108	0.0	8.4	6.4	11.3	16.3	3.0	36.5	3.6	3.4	25.9
3 Comayagua (1) 8130	3891	112	40	181	102	3.7	15.6	4.0	12.1	57.0	3.0	39.0	3.3	3.1	24.3
5 Ilonga 8032	3747	108	36	196	104	0.6	9.1	6.0	5.5	31.5	3.0	34.0	3.5	3.1	27.4
6 Across 8032	3728	108	48	198	101	3.9	8.9	8.3	13.8	29.6	2.8	34.0	3.6	3.3	26.5
1 CIAT 8130	3359	97	39	212	119	8.4	18.7	15.0	7.4	73.0	3.5	32.5	3.5	3.5	23.3
2 Comayagua 8130	3082	89	40	195	107	2.3	22.0	11.3	11.8	71.1	3.8	29.8	3.3	3.3	22.9
MEANS	3869	112	41	183	99	2.2	12.0	5.3	11.0	43.8	3.1	36.2	3.3	3.2	25.0
MAXIMUM	4530	131	48	212	118	8.4	22.0	15.0	20.4	75.4	3.8	39.0	3.6	3.5	27.4
MINIMUM	3082	89	36	154	81	0.0	2.6	1.3	5.5	16.1	2.8	29.8	2.5	3.0	22.5
CHECKS (TESTIGOS):															
14 SHWE WAR 8	3463	-	42	170	85	0.6	14.2	12.2	23.5	43.1	3.3	38.8	3.0	3.4	26.0
13 SHWE WAR 1	3053	-	41	161	85	3.1	23.3	5.0	13.6	52.3	2.5	31.3	3.0	3.4	24.3
CHECK MEANS	3258	-	41	165	84	1.8	18.7	8.6	18.6	47.7	2.9	35.0	3.0	3.4	25.2
5% LSD	839.1		8.2	18.2	13.6							6.3			
C.V.	15.5		13.9	7.0	9.8							12.3			

TABLE: 219-V-83

EVT14B YEAR 1983 VIETNAM SONGBOI

CO-OPERATOR: DANG QUOC LAP

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	SCLER %	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	BORER %	PLNTS GERM	MOIST %
9 Rattray-Arnld(1)8149	2166	57	44	114	49	3.7	17.9	31.8	2.3	46.3	2.8	1.0	56.6	86.3	26.2
10 Across 8149	2053	54	45	117	49	5.1	13.3	45.7	2.0	42.0	2.8	1.8	55.4	87.5	29.7
6 Across 8032	1914	51	48	158	65	3.1	12.2	39.8	2.0	39.0	3.0	3.0	36.3	86.0	34.7
1 CIAT 8130	1872	49	42	125	58	13.3	11.1	31.3	2.8	41.3	2.0	2.5	60.2	86.3	27.1
5 Ilonga 8032	1852	49	49	143	61	7.1	8.7	43.9	2.3	35.3	2.5	2.3	34.8	86.3	30.8
2 Comayagua 8130	1631	43	42	129	63	11.4	6.4	47.7	2.0	42.0	2.0	2.5	65.2	87.3	30.8
12 Los Diamantes 7823RE	1582	42	47	141	63	13.8	13.7	47.3	2.3	30.5	2.5	2.8	56.0	85.0	31.7
7 Poza Rica 8149	1556	41	44	109	44	4.1	8.5	53.3	2.0	35.8	2.8	1.3	44.6	86.3	30.1
4 Poza Rica 8130	1542	41	42	131	61	15.5	7.1	37.1	2.3	39.5	2.3	2.8	72.5	87.0	27.6
11 Pirsabak (1) 7930 RE	1335	35	41	109	53	14.5	9.7	38.2	2.0	31.3	2.8	1.8	80.8	85.0	23.4
3 Comayagua (1) 8130	1285	34	41	124	55	9.9	10.7	39.9	2.3	35.3	2.0	2.3	70.0	86.0	27.9
8 Ikene 8149	1191	31	44	105	46	7.0	11.2	61.8	1.8	26.0	2.5	1.5	59.2	86.8	34.2
MEANS	1665	44	44	125	56	9.1	10.9	43.1	2.1	37.0	2.5	2.1	57.6	86.3	29.5
MAXIMUM	2166	57	49	158	65	15.5	17.9	61.8	2.8	46.3	3.0	3.0	80.8	87.5	34.7
MINIMUM	1191	31	41	105	44	3.1	6.4	31.3	1.8	26.0	2.0	1.0	34.8	85.0	23.4
CHECKS (TESTIGOS):															
14 T-SB2	3787	-	42	143	68	11.4	5.5	13.4	2.0	67.3	2.0	2.5	43.3	81.8	27.2
13 HSB1	1515	-	49	173	75	9.0	3.0	34.0	2.3	27.3	2.3	3.0	38.4	83.3	33.9
CHECK MEANS	2651	-	45	157	71	10.2	4.3	23.7	2.1	47.3	2.1	2.8	40.8	82.5	30.5
5% LSD	530.4		2.1	8.7	8.4					11.5					
C.V.	20.5		3.3	4.7	10.2					20.8					

TABLE: 220-V-83 TRIAL: EVT14B

YEAR: 1983 MEANS ACROSS 33 LOCATIONS

ENTRY NO AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
9 Rattray-Arnld(1)8149	4002	Blanco Dentado-2	100	54	156
8 Ikene 8149	3989	" " "	100	54	158
12 Los Diamantes 7823RE	3977	Blanco Cristalino-1	100	57	189
7 Poza Rica 8149	3976	Blanco Dentado-2	100	55	153
10 Across 8149	3948	" " "	99	55	158
6 Across 8032	3803	ETO	96	58	188
5 Ilonga 8032	3762	ETO	94	57	182
1 CIAT 8130	3503	Blanco Cristalino-2	88	52	182
4 Poza Rica 8130	3439	" " "	86	51	177
2 Comayagua 8130	3430	" " "	86	51	181
11 Pirsahak (1) 7930 RE	3407	" " "	86	50	170
3 Comayagua (1) 8130	3313	" " "	83	51	177

TABL.: 221-V-83

EVT15A YEAR 1983 BOLIVIA STA CRUZ

CO-OPERATOR: A. KATRIN LIMZER DE COSTAS

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.	EARS/ PLNT	MOIST %
4 San Jeronimo 8140	6206	105	60	175	78	2.4	1.2	5.4	1.8	41.5	2.8	8.4	1.0	25.0
8 Across 8140	6037	102	59	178	93	2.0	3.8	3.6	2.0	39.8	2.3	8.5	1.0	22.9
7 Los Banos 8140	5786	98	60	178	80	1.8	1.3	2.5	1.0	40.8	2.5	5.5	1.0	26.8
6 Poza Rica 8140	5754	97	57	175	88	1.2	1.7	4.9	2.0	42.8	2.0	10.5	0.9	24.3
9 Across 7940 RE	5703	96	59	180	80	1.1	2.9	8.5	1.8	42.8	2.5	11.9	0.9	24.0
5 San Jeronimo (1)8140	5649	95	60	165	73	2.5	2.5	1.3	1.8	40.3	1.8	9.2	1.0	24.3
3 Across 8039	5158	87	58	188	95	2.4	1.2	4.0	1.8	39.0	3.0	7.2	1.0	24.1
2 Pichilingue 8039	5131	87	59	165	75	2.4	11.0	7.0	1.8	41.8	3.3	8.7	0.9	21.8
10 Across 7726 NRE	4820	81	58	168	73	3.1	3.9	4.6	1.5	38.8	2.5	15.1	1.0	23.2
1 San Jeronimo 8039	4527	76	59	158	75	3.7	9.2	5.0	1.5	41.8	3.3	7.6	0.9	22.8
MEANS	5477	92	59	173	81	2.5	3.9	4.7	1.7	40.9	2.6	9.3	1.0	23.9
MAXIMUM	6206	105	60	188	95	5.1	11.0	8.5	2.0	42.8	3.3	15.1	1.0	26.8
MINIMUM	4527	76	57	158	73	1.1	1.2	1.3	1.0	38.8	1.8	5.5	0.9	21.8
CHECKS (TESTIGOS):														
11 TUXPENO OPACO-2	5927	-	58	203	98	2.5	9.1	6.2	5.0	37.0	1.3	4.7	0.9	26.8
12 TUXPENO PLANTA BAJA	5756	-	58	170	80	1.8	5.0	1.4	3.0	41.3	1.5	6.7	0.9	25.8
CHECK MEANS	5841	-	57	186	88	2.1	7.1	3.8	4.0	39.1	1.4	5.7	0.9	26.3
5% LSD	1069.8		2.1	17.7	14.7					3.3				4.0
C.V.	13.4		2.5	7.0	12.5					5.6				11.5

TABLE: 222-V-83

EVT15A YEAR 1983 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	PLAN ASPECT	EARS PLNT	MOIST %
4 San Jeronimo 8140	6316	110	68	240	136	0.6	0.0	14.5	3.3	41.3	1.3	1.[illegible]	1.0	20.2
8 Across 8140	6196	108	68	250	145	0.6	0.0	11.9	3.3	41.8	1.8	1.[illegible]	1.0	21.1
5 San Jeronimo (1)8140	6162	108	68	223	123	0.6	0.0	11.3	3.0	38.5	1.3	1.3	1.1	21.8
3 Across 8039	6115	106	69	250	153	1.2	0.0	5.2	3.0	41.3	1.8	1.[illegible]	1.0	19.2
7 Los Banos 8140	5639	98	67	238	135	0.6	0.0	10.8	3.0	41.3	1.3	1.3	0.9	20.4
2 Pichilingue 8039	5569	97	69	233	133	0.6	0.0	14.2	3.5	40.0	2.3	1.5	1.1	19.1
6 Poza Rica 8140	5402	94	69	230	130	0.6	0.0	11.4	3.0	41.0	1.0	1.0	0.9	20.4
9 Across 7940 RE	5383	94	67	230	123	0.0	0.0	15.6	3.0	41.0	2.0	1.5	1.0	20.1
1 San Jeronimo 8039	5325	93	68	245	143	1.2	0.0	6.7	3.0	41.0	1.8	1.3	1.1	19.6
10 Across 7726 NRE	5202	91	64	230	130	3.3	0.0	11.0	2.5	39.8	1.0	1.5	1.2	18.7
MEANS	5733	100	68	237	135	1.0	0.0	11.3	3.0	40.7	1.5	1.3	1.0	20.0
MAXIMUM	6316	110	69	250	153	3.3	0.0	15.6	3.5	41.8	2.3	1.5	1.2	21.8
MINIMUM	5202	91	64	223	123	0.0	0.0	5.2	2.5	38.5	1.0	1.0	0.9	18.7
CHECKS (TESTIGOS)														
11 TUXPENO X 02	5743	-	70	255	150	2.3	0.0	8.2	1.5	33.3	1.8	1.0	1.1	22.4
12 CUBANO AMARILLO	4659	-	71	288	185	3.0	0.0	11.0	4.5	33.5	1.3	1.0	1.0	19.1
CHECK MEANS	5201	-	70	271	167	2.7	0.0	9.6	3.0	33.4	1.5	1.0	1.1	20.8
5% LSD	1389.7		2.1	20.5	18.5					4.0				1.7
C.V.	17.1		2.1	5.9	9.2					7.1				6.0

TABLE: 223-V-C3

EVT15A YEAR 1983 BRAZIL SETE LAGOAS

CO-OPERATOR: CNPMS-EMBRAPA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HOLCUS	HELM	PHYSO	PLANTS HARV	EARS/ PLNT	MOIST %
4 San Jeronimo 8140	6481	101	67	220	121	2.8	0.0	0.6	2.0	2.3	2.0	44.0	1.0	13.7
6 Poza Rica 8140	6191	97	68	219	114	1.7	1.1	0.6	1.8	2.3	2.0	44.0	1.0	13.8
9 Across 7940 RE	5997	94	66	230	121	1.7	0.0	1.7	2.0	2.0	2.0	43.3	1.1	13.6
10 Across 7726 NRE	5880	92	67	213	109	2.8	0.6	0.5	1.8	2.3	2.8	44.0	1.0	13.3
8 Across 8140	5753	90	67	218	115	0.6	1.1	0.6	1.8	2.0	1.8	43.8	1.1	13.9
5 San Jeronimo (1)8140	5703	89	67	213	108	0.0	2.8	0.0	1.5	2.0	2.5	43.0	1.0	14.0
3 Across 8039	5395	84	69	220	119	1.1	7.4	1.8	1.8	2.0	2.5	44.0	1.0	13.3
7 Los Banos 8140	5341	84	69	206	106	0.6	1.8	0.0	2.0	2.0	2.0	42.3	1.0	13.9
2 Pichilingue 8039	5308	83	66	211	110	1.8	1.1	0.6	1.5	2.5	2.5	43.0	1.1	13.1
1 San Jeronimo 8039	5234	82	66	209	111	2.3	2.3	0.6	2.0	2.0	2.5	43.3	1.1	13.3
MEANS	5728	90	67	216	113	1.5	1.8	0.7	1.8	2.1	2.3	43.5	1.0	13.6
MAXIMUM	6481	101	69	230	121	2.8	7.4	1.8	2.0	2.5	2.8	44.0	1.1	14.0
MINIMUM	5234	82	66	206	106	0.0	0.0	0.0	1.5	2.0	1.8	42.3	1.0	13.1
CHECKS (TESTIGOS):														
12 AG305B(SGLE C/BR2)	6388	-	74	159	100	0.0	0.0	0.6	1.5	2.0	2.8	43.3	1.0	13.8
11 LOCAL CHECK 1	4170	-	69	204	110	4.8	8.4	1.2	1.8	2.5	2.3	35.8	1.0	13.6
CHECK MEANS	5279	-	71	181	105	2.4	4.2	0.9	1.6	2.3	2.5	39.5	1.0	13.7
5% LSD	839.4		2.6	16.1	12.9							1.3		0.3
C.V	10.3		2.6	5.3	8.0							2.1		1.8

TABLE: 224-V-83

EVT15A YEAR 1983 BRAZIL GUAIRA

CO-OPERATOR: AGROMEN SEMENTES LTDA

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
9 Across 7940 RE	4707	128	211	108	5.8	0.0	2.3	40.0	1.0
8 Across 8140	4465	121	205	104	5.2	0.0	3.5	43.0	1.0
4 San Jeronimo 8140	4303	117	203	99	5.2	0.6	2.4	43.3	1.0
6 Poza Rica 8140	4303	117	205	100	7.3	0.0	2.5	41.5	1.0
3 Across 8039	4222	115	203	101	5.3	0.6	2.4	42.0	1.0
10 Across 7726 NRE	4182	114	195	95	11.6	0.0	1.2	42.8	1.0
5 San Jeronimo (1)8140	4162	113	200	100	6.7	1.3	3.2	41.5	1.0
7 Los Banos 8140	4101	112	200	100	3.6	0.0	7.1	43.3	0.9
1 San Jeronimo 8039	4000	109	190	95	7.1	0.0	3.1	42.5	1.0
2 Pichilingue 8039	3939	107	195	95	9.4	0.6	0.6	43.0	1.0
MEANS	4238	115	200	100	6.7	0.3	2.8	42.3	1.0
MAXIMUM	4707	128	211	108	11.6	1.3	7.1	43.3	1.0
MINIMUM	3939	107	190	95	3.6	0.0	0.6	40.0	0.9
CHECKS (TESTIGOS):									
11 CMS 05 ORIGINAL	3677	-	206	106	15.7	2.8	2.0	35.3	1.0
12 AGROMEN 1015	2566	-	270	149	11.4	3.6	1.3	19.5	1.1
CHECK MEANS	3121	-	238	127	13.5	3.2	1.6	27.4	1.1
5% LSD	728.8		13.3	8.3				2.7	
C.V.	12.5		4.5	5.5				4.7	

TABLE: 225-V-83

EVT15A YEAR 1983 BRAZIL CRUZ ALTA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	STEM LODG	ROOT LODG	EARS HARV	MOIST %
5 San Jeronimo (1)8140	3234	71	6.9	3.0	33.0	22.4
8 Across 8140	3137	69	2.8	2.1	27.3	21.0
2 Pichilingue 8039	3069	67	8.7	3.9	31.8	19.5
9 Across 7940 RE	3036	66	2.7	0.9	29.5	20.5
3 Across 8039	2979	65	1.4	7.8	32.3	20.3
1 San Jeronimo 8039	2952	65	4.8	3.6	30.0	19.6
10 Across 7726 NRE	2913	64	0.8	0.0	30.0	20.4
7 Los Banos 8140	2883	63	1.6	0.0	29.0	20.0
4 San Jeronimo 8140	2861	63	0.8	1.7	29.3	21.1
6 Poza Rica 8140	2679	59	4.9	4.0	26.0	21.1
MEANS	2974	65	3.5	2.7	29.8	20.6
MAXIMUM	3234	71	8.7	7.8	33.0	22.4
MINIMUM	2679	59	0.8	0.0	26.0	19.5
CHECKS (TESTIGOS).						
11 LOCAL CHECK 1	4567	-	1.7	6.4	31.3	20.3
12 LOCAL CHECK 2	3307	-	13.8	8.4	23.8	23.6
CHECK MEANS	3937	-	7.8	7.4	27.5	21.9
5% LSD	572.9					1.4
C.V	12.7					4.5

TABLE: 226-V-83

EVT15A YEAR 1983 COSTA RICA GUANACASTE

CO-OPERATOR: JOSE GONZALES

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT	MOIST %
5 San Jeronimo (1)8140	4514	111	185	90	3.9	0.0	4.3	38.8	2.3	3.2	0.9	19.2
9 Across 7940 RE	4123	101	196	95	4.9	0.7	6.1	41.0	2.5	4.3	0.8	18.8
7 Los Banos 8140	3888	96	193	100	5.2	1.3	7.9	38.8	3.3	3.3	0.9	18.4
1 San Jeronimo 8039	3836	94	187	96	5.6	3.1	6.9	40.5	2.8	6.2	0.7	19.3
10 Across 7726 NRE	3820	94	198	106	12.5	2.5	12.7	40.0	2.3	3.8	0.9	17.9
8 Across 8140	3770	93	189	97	6.4	0.0	11.7	38.8	2.8	5.6	0.9	18.4
4 San Jeronimo 8140	3697	91	197	95	7.9	0.6	14.5	41.0	2.5	4.8	0.8	19.0
3 Across 8039	3569	88	192	96	6.0	1.8	11.8	41.0	2.5	7.4	0.9	17.7
6 Poza Rica 8140	3408	84	194	98	9.5	0.0	17.3	40.0	2.0	6.9	0.9	19.3
2 Pichilingue 8039	3355	82	185	94	12.1	0.0	11.8	38.5	2.5	4.5	0.8	20.5
MEANS	3798	93	192	96	7.4	1.0	10.5	39.8	2.5	5.0	0.9	18.8
MAXIMUM	4514	111	198	106	12.5	3.1	17.3	41.0	3.3	7.4	0.9	20.5
MINIMUM	3355	82	185	90	3.9	0.0	4.3	38.5	2.0	3.2	0.7	17.7
CHECKS (TESTIGOS):												
11 TICO V-1 M	4068	-	188	89	11.5	3.7	11.2	40.3	1.8	5.0	0.8	14.6
12 TICO V-2	2807	-	193	97	9.8	3.0	0.8	27.5	1.8	3.6	0.9	19.3
CHECK MEANS	3437	-	190	92	10.6	3.4	6.0	33.9	1.8	4.3	0.8	17.0
5% LSD	858.0		26.9	14.7				5.1				4.4
C.V.	16.0		9.8	10.6				9.1				16.5

TABLE: 227-V-83

EVT15A YEAR 1983 MEXICO CD. OBREGON

CO-OPERATOR: O. COTA Y J. M. VALENZUELA

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 %
5 San Jeronimo (1)8140	7434	104	71	190	104	0.7	3.2	0.6	2.4	39.3	4.0	11.7	3.9	1.1	27.2
4 San Jeronimo 8140	7292	102	71	194	109	0.0	3.6	1.1	2.4	40.5	4.0	8.9	3.5	1.1	26.5
9 Across 7940 RE	7285	102	71	204	110	0.6	1.2	2.3	2.0	41.3	3.9	14.9	3.4	1.1	25.8
6 Poza Rica 8140	6766	95	78	179	95	0.0	2.5	3.9	2.3	39.8	4.1	8.2	3.6	1.0	29.8
8 Across 8140	6634	93	71	194	103	0.0	1.4	2.4	2.4	34.3	3.8	17.1	3.3	1.1	25.7
3 Across 8039	6508	91	71	203	109	1.9	7.4	2.3	2.3	37.8	3.8	7.9	3.0	1.2	22.6
7 Los Banos 8140	6423	90	71	196	103	0.0	3.0	1.1	2.3	38.3	3.9	12.9	3.3	1.0	25.1
2 Pichilingue 8039	6399	90	71	205	114	0.6	3.2	1.0	2.1	40.3	3.8	14.2	3.1	1.1	21.8
10 Across 7726 NRE	6326	89	71	196	104	0.7	4.2	2.1	2.4	35.8	3.8	25.8	2.9	1.3	24.8
1 San Jeronimo 8039	6320	88	72	194	113	0.6	9.1	1.5	2.5	38.3	3.8	5.1	3.0	1.2	23.3
MEANS	6739	94	72	195	106	0.5	3.9	1.8	2.3	38.5	3.9	12.7	3.3	1.1	25.2
MAXIMUM	7434	104	78	205	114	1.9	9.1	3.9	2.5	41.3	4.1	25.8	3.9	1.3	29.8
MINIMUM	6320	88	71	179	95	0.0	1.2	0.6	2.0	34.3	3.8	5.1	2.9	1.0	21.8
CHECKS (TESTIGOS).															
12 GUANACASTE 7940	7145	-	72	185	100	0.0	6.9	1.3	1.9	39.8	3.9	8.1	3.4	1.1	27.3
11 LA POSTA QPM	6526	-	73	194	108	0.0	7.2	2.0	2.0	38.3	3.6	17.1	3.4	1.1	25.7
CHECK MEANS	6836	-	72	189	103	0.0	7.1	1.6	1.9	39.0	3.8	12.6	3.4	1.1	26.5
5% LSD	1018.4		2.9	18.1	17.4					4.8					1.9
C.V	10.5		2.8	6.5	11.4					8.6					5.3

TABLE: 228-V-83

EVT15A YEAR 1983 CUBA TOMEQUIN

CO-OPERATOR: J. BETANCOURT

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	VIRUS %	STEM LODG	ROOT LODG	%EAR ROT	PUCC POLY	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
7 Los Banos 8140	6170	92	63	183	87	6.5	6.3	0.0	1.2	4.8	3.5	43.3	1.8	2.3	23.0
5 San Jeronimo (1)8140	6081	91	62	186	102	4.5	13.5	1.1	3.1	4.5	3.3	42.8	3.0	2.3	21.8
8 Across 8140	6059	91	61	204	116	3.5	9.2	0.6	3.8	5.0	3.0	43.3	2.3	2.8	19.4
4 San Jeronimo 8140	5998	90	62	197	98	3.5	9.7	0.0	2.1	5.0	3.8	43.5	2.3	3.0	23.0
9 Across 7940 RE	5728	86	62	193	100	2.8	8.8	1.2	4.4	4.5	3.5	43.0	3.3	2.0	19.8
10 Across 7726 NRE	5722	85	61	202	97	2.5	23.8	1.2	3.2	5.0	3.3	43.0	2.8	1.8	19.5
3 Across 8039	5287	79	61	199	105	4.3	5.9	4.0	3.3	4.5	3.3	43.3	3.3	3.0	20.5
2 Pichilingue 8039	5060	76	60	187	93	5.0	2.9	2.9	6.4	4.5	2.8	43.0	3.0	2.8	23.9
1 San Jeronimo 8039	5040	75	59	194	108	5.5	2.9	2.8	3.8	5.0	3.3	43.5	3.5	3.5	20.7
6 Poza Rica 8140	4970	74	63	188	103	8.8	7.5	1.2	3.9	4.8	3.8	43.3	3.3	2.8	20.2
MEANS	5611	84	61	193	101	4.7	9.1	1.5	3.5	4.8	3.3	43.2	2.8	2.6	21.2
MAXIMUM	6170	92	63	204	116	8.8	23.8	4.0	6.4	5.0	3.8	43.5	3.5	3.5	23.9
MINIMUM	4970	74	59	183	87	2.5	2.9	0.0	1.2	4.5	2.8	42.8	1.8	1.8	19.4
CHECKS (TESTIGOS):															
11 HD T-77	6693	-	69	229	148	3.3	10.6	6.8	1.6	4.5	3.0	37.5	1.3	4.5	23.3
12 HD T-90	5412	-	68	248	153	4.3	28.5	11.2	0.9	4.0	2.5	36.0	1.3	4.8	23.1
CHECK MEANS	6053	-	68	238	150	3.8	19.5	9.0	1.3	4.3	2.8	36.8	1.3	4.6	23.2
5% LSD	907.5		2.3	17.5	16.0							4.0			
C.V.	11.1		2.6	6.1	10.2							6.6			

TABLE: 229-V-83

EVT15A YEAR 198[illegible] CUBA VELASCO

CO-OPERATOR J BETANCOURT

ENTRY NO PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	LEAF DISEASE	STUNT %	PUCC POLY	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
10 Across 7726 NRE	4856	106	53	193	93	9.5	1.3	10.0	5.0	1.3	40.0	2.5	3.0	1.0	21.0
3 Across 8039	4742	103	52	207	97	16.2	1.8	12.4	4.5	1.5	38.8	2.5	3.5	1.1	15.6
5 San Jeronimo (1)8140	4735	103	54	180	81	17.9	1.8	15.7	4.3	1.8	39.8	3.0	2.8	1.0	17.0
9 Across 7940 RE	4622	100	53	197	103	17.3	1.8	10.5	3.8	1.8	36.8	3.0	2.8	1.1	17.6
6 Poza Rica 8140	4603	100	52	210	122	17.3	1.8	19.0	4.8	1.8	36.5	2.5	3.0	1.1	15.1
8 Across 8140	4490	98	53	199	101	14.0	1.0	13.9	4.0	1.5	37.8	2.3	3.0	1.0	18.3
4 San Jeronimo 8140	4339	94	54	192	106	21.1	1.3	21.2	4.3	1.5	38.0	2.3	2.8	1.0	21.8
2 Pichilingue 8039	4130	90	51	192	93	14.5	1.5	16.3	4.3	1.3	35.5	2.8	3.0	1.1	22.4
7 Los Bancos 8140	4108	89	53	187	94	21.3	1.3	20.5	4.0	1.5	38.5	3.0	2.5	1.0	22.1
1 San Jeronimo 8039	4073	89	52	206	92	20.1	1.8	13.8	4.0	1.5	40.8	2.8	3.8	1.0	21.8
MEANS	4470	97	53	196	98	16.9	1.5	15.3	4.3	1.5	38.2	2.7	3.0	1.0	19.3
MAXIMUM	4856	106	54	210	122	21.3	1.8	21.2	5.0	1.8	40.8	3.0	3.8	1.1	22.4
MINIMUM	4073	89	51	180	81	9.5	1.0	10.0	3.8	1.3	35.5	2.3	2.5	1.0	15.1
CHECKS / PATRONES															
11 HD T-[illegible]	4602	-	60	244	142	15.1	1.8	11.8	3.0	1.3	32.3	2.0	4.0	1.1	20.7
12 HD T-[illegible]	4110	-	61	244	146	17.1	2.3	13.8	4.0	2.0	30.8	2.3	4.0	1.1	15.1
CHECK MEANS	4356	-	60	243	143	16.1	2.0	12.8	3.5	1.6	31.5	2.1	4.0	1.1	17.9
5% LSD	409.9		1.9	19.8	18.6						4.5				7.3
C.V.	11.1		2.5	6.7	12.2						8.5				26.6

TABLE: 230-V-83

EVT15A YEAR 1983 JAMAICA BODLES

CO-OPERATOR: R. ROYER F. SPENCER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	PLANTS HARV	EAR ASPCT	INSECT DAMAGE	PLNTS GERM	EARS/ PLNT	MOIST %
10 Across 7726 NRE	4949	92	57	215	122	14.1	42.8	2.5	2.5	43.0	0.9	17.1
9 Across 7940 RE	4757	88	58	216	113	12.1	43.5	2.8	2.8	43.5	0.9	19.1
7 Los Banos 8140	4112	76	59	206	119	7.3	41.5	3.3	3.0	42.8	0.9	18.5
4 San Jeronimo 8140	4083	76	58	207	117	8.1	43.3	3.3	3.3	44.0	0.8	20.3
8 Across 8140	3970	74	59	205	122	7.7	42.0	3.5	2.8	43.3	0.8	19.7
2 Pichilingue 8039	3924	73	57	210	124	12.8	42.5	3.5	3.3	43.3	0.9	18.4
5 San Jeronimo (1)8140	3891	72	59	198	114	6.6	42.0	3.5	2.3	43.0	0.8	21.0
3 Across 8039	3444	64	58	205	121	4.5	44.0	3.3	2.5	44.0	0.8	18.8
6 Poza Rica 8140	3430	64	59	200	109	12.2	43.0	3.3	2.8	43.8	0.7	21.1
1 San Jeronimo 8039	3210	59	58	203	112	10.7	42.0	3.8	3.0	42.8	0.9	18.3
MEANS	3977	74	58	206	117	9.6	42.7	3.3	2.8	43.3	0.8	19.2
MAXIMUM	4949	92	59	216	124	14.1	44.0	3.8	3.3	44.0	0.9	21.1
MINIMUM	3210	59	57	198	109	4.5	41.5	2.5	2.3	42.8	0.7	17.1
CHECKS (TESTIGOS):												
11 X 304A	5401	-	61	224	135	10.4	41.0	2.3	2.5	41.3	0.9	21.6
CHECK MEANS	5401	-	60	224	135	10.4	41.0	2.3	2.5	41.3	0.9	21.6
5% LSD	1022.5		1.8	17.9	15.7		2.1					2.1
C.V.	17.2		2.1	5.9	9.2		3.4					7.3

TABLE: 231-V-83

EVT15A YEAR 1983 TANZANIA ILONGA

CO-OPERATOR: NATIONAL MAIZE RESEARCH PROGRAMME

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	BORER %	EARS/ PLNT	MOIST %
1 San Jeronimo 8039	3458	146	59	193	85	2.3	2.5	9.5	43.3	2.3	8.3	4.0	1.0	19.1
4 San Jeronimo 8140	3073	129	61	180	88	0.6	12.1	8.0	42.8	3.0	6.8	4.1	0.9	21.6
2 Pichilingue 8039	2914	123	59	185	83	1.7	9.2	6.0	43.3	3.3	12.0	5.2	0.9	19.2
5 San Jeronimo (1)8140	2854	120	61	170	75	1.1	12.0	10.8	42.8	2.8	5.0	7.7	0.9	22.4
9 Across 7940 RE	2657	112	63	184	88	2.4	14.7	5.5	43.0	2.8	6.7	5.3	0.9	22.4
6 Poza Rica 8140	2594	109	62	178	80	0.6	13.5	9.8	42.5	3.0	8.8	5.3	0.9	22.3
8 Across 8140	2413	102	64	179	81	3.1	17.8	7.3	41.0	3.5	7.4	1.9	0.9	21.6
7 Los Banos 8140	2293	97	63	175	80	0.6	20.0	9.5	43.5	3.0	2.9	6.3	0.8	20.6
3 Across 8039	2070	87	62	184	91	0.6	9.0	6.5	39.3	3.0	9.7	4.4	0.8	20.1
10 Across 7726 NRE	1869	79	65	158	74	3.5	15.4	8.8	43.0	3.3	13.0	9.4	0.8	20.2
MEANS	2619	110	62	178	82	1.6	12.6	8.2	42.4	3.0	8.1	5.4	0.9	20.9
MAXIMUM	3458	146	65	193	91	3.5	20.0	10.8	43.5	3.5	13.0	9.4	1.0	22.4
MINIMUM	1869	79	59	158	74	0.6	2.5	5.5	39.3	2.3	2.9	1.9	0.8	19.1
CHECKS (TESTIGOS):														
11 POP 12	2374	-	63	204	93	3.2	9.5	2.8	33.0	2.3	3.9	4.9	0.9	19.8
12 STAHA	1343	-	48	198	109	0.7	12.5	4.5	37.5	3.3	7.8	5.3	0.4	25.1
CHECK MEANS	1858	-	55	200	100	1.9	11.0	3.6	35.3	2.8	5.9	5.1	0.6	22.4
5% LSD	1132.5		13.3	18.7	8.6				4.4					1.6
C. V.	31.6		15.2	7.2	7.0				7.5					5.2

TABLE: 232-V-83

EVT15A YEAR 1983 ZAIRE KANIAMA

CO-OPERATOR. PROGRAMME NATIONAL MAIS

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	STALK ROT	ENDO HARD	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
5 San Jeronimo (1)8140	7814	111	63	209	107	1.2	4.2	4.5	1.2	2.0	41.8	2.3	5.1	2.0	28.6
6 Poza Rica 8140	7747	110	63	204	98	4.5	8.3	9.8	7.6	2.3	40.0	2.5	13.8	2.5	26.1
4 San Jeronimo 8140	6971	99	64	206	106	8.1	16.0	9.6	0.6	2.3	39.5	2.5	7.5	2.3	25.9
8 Across 8140	6951	99	64	208	101	3.7	6.7	10.0	5.9	2.5	42.3	2.8	7.6	2.5	25.4
2 Pichilingue 8039	6914	98	61	205	95	4.5	10.4	8.8	3.8	2.0	39.5	2.3	8.9	2.8	22.8
9 Across 7940 RE	6911	98	64	203	103	1.9	1.9	12.2	2.5	2.3	40.5	2.5	8.8	2.3	27.4
7 Los Banos 8140	6862	98	64	197	98	1.9	4.3	7.6	1.8	2.3	41.5	2.3	4.0	2.5	27.4
3 Across 8039	6462	92	61	230	106	1.8	7.7	8.9	4.2	1.8	41.8	2.0	8.8	2.5	25.5
10 Across 7726 NRE	5849	83	62	207	109	8.7	11.9	11.1	0.6	1.8	38.3	2.0	22.1	2.3	25.7
1 San Jeronimo 8039	5563	79	61	199	101	3.2	13.9	8.8	2.5	2.0	40.3	2.3	5.0	3.3	24.9
MEANS	6804	97	63	207	102	3.9	8.5	9.1	3.1	2.1	40.5	2.3	9.2	2.5	26.0
MAXIMUM	7814	111	64	230	109	8.7	16.0	12.2	7.6	2.5	42.3	2.8	22.1	3.3	28.6
MINIMUM	5563	79	61	197	95	1.2	1.9	4.5	0.6	1.8	38.3	2.0	4.0	2.0	22.8
CHECKS (TESTIGOS):															
12 SALONGO II	7022	-	68	181	106	4.6	7.2	3.3	4.0	2.0	38.5	2.3	0.0	2.5	25.6
11 OPAQUE	5661	-	75	260	151	28.2	14.8	15.5	2.1	3.0	36.8	3.0	0.6	3.3	34.0
CHECK MEANS	6342	-	71	220	128	16.4	11.0	9.4	3.0	2.5	37.6	2.6	0.3	2.9	29.8
5% LSD	1461.5		2.2	23.7	13.4						3.2				
C.V.	15.1		2.3	7.9	8.7						5.6				

TABLE: 233-V-83

EVT15A YEAR 1983 ZIMBABWE HARARE

CO-OPERATOR: R. C. OLVER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
9 Across 7940 RE	7410	76	214	114	1.7	4.6	22.7	43.8	2.5	2.3	88.0	1.3	15.1
5 San Jeronimo (1)8140	7369	75	199	115	2.3	2.3	19.5	43.8	2.5	2.0	88.0	1.3	16.7
6 Poza Rica 8140	6951	71	220	119	1.7	8.0	24.5	44.0	3.0	2.3	88.0	1.4	15.7
7 Los Banos 8140	6894	70	207	109	2.3	1.1	30.9	44.0	2.8	2.3	88.0	1.1	15.2
4 San Jeronimo 8140	6822	70	200	102	0.0	2.3	26.4	43.5	3.0	2.0	88.0	1.3	15.4
8 Across 8140	6814	70	210	125	2.3	5.8	22.4	43.5	3.0	2.5	87.8	1.3	14.8
2 Pichilingue 8039	6185	63	203	113	0.6	2.9	26.2	43.5	2.8	2.5	87.5	1.3	14.3
1 San Jeronimo 8039	6118	63	231	115	7.5	13.2	21.0	43.5	2.3	2.5	88.0	1.4	14.7
3 Across 8039	5933	61	213	122	0.6	6.3	20.4	43.8	2.5	2.8	88.0	1.3	14.6
10 Across 7726 NRE	5539	57	203	110	6.9	4.5	27.8	43.5	2.8	3.0	87.5	1.3	15.1
MEANS	6603	67	210	114	2.6	5.1	24.2	43.7	2.7	2.4	87.9	1.3	15.1
MAXIMUM	7410	76	231	125	7.5	13.2	30.9	44.0	3.0	3.0	88.0	1.4	16.7
MINIMUM	5539	57	199	102	0.0	1.1	19.5	43.5	2.3	2.0	87.5	1.1	14.3
CHECKS (TESTIGOS):													
12 ZS225	9786	-	231	122	5.9	72.1	9.7	42.5	1.3	1.8	88.0	1.0	17.7
11 R61	9491	-	236	123	12.1	52.4	13.3	43.5	2.0	1.8	88.0	1.0	16.0
CHECK MEANS	9638	-	233	122	9.0	62.3	11.5	43.0	1.6	1.8	88.0	1.0	16.8
5% LSD	957.9		23.3	14.1				1.5					1.0
C.V.	9.4		7.6	8.5				2.4					4.7

TABLE. 234-V-83

EVT15A YEAR 1983 SRI LANKA ILLUPPALLAMA

CO-OPERATOR: C. B. HINDAGALA. /D. H. MUTHUCUDA ARACHCHI

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
8 Across 8140	3785	135	60	151	73	5.2	3.9	9.5	38.5	0.9
6 Poza Rica 8140	3472	123	60	154	71	3.2	3.2	8.2	38.3	0.9
5 San Jeronimo (1)8140	3333	119	58	158	75	1.3	2.0	11.9	39.3	0.9
9 Across 7940 RE	3160	112	61	164	78	2.0	3.2	14.1	38.3	1.0
1 San Jeronimo 8039	3125	111	57	168	83	10.6	1.9	8.7	39.8	0.9
7 Los Banos 8140	3090	110	60	156	76	1.9	2.5	13.3	39.5	0.9
3 Across 8039	3021	107	56	160	78	3.0	0.7	12.2	36.3	1.0
4 San Jeronimo 8140	2986	106	58	155	84	2.0	2.7	9.6	37.3	1.0
10 Across 7726 NRE	2326	83	60	163	74	3.9	3.6	14.9	34.0	0.9
2 Pichilingue 8039	2153	77	59	155	75	5.1	1.3	18.6	38.8	0.9
MEANS	3045	108	59	158	77	3.8	2.5	12.1	38.0	0.9
MAXIMUM	3785	135	61	168	84	10.6	3.9	18.6	39.8	1.0
MINIMUM	2153	77	56	151	71	1.3	0.7	8.2	34.0	0.9
CHECKS (TESTIGOS):										
12 COMPOSITE-6	2813	-	63	168	85	2.9	4.1	12.4	37.0	1.0
11 BHADRA-1	2743	-	61	161	91	5.0	4.2	12.1	35.3	0.9
CHECK MEANS	2778	-	61	164	88	3.9	4.1	12.2	36.1	0.9
5% LSD	1012.5		3.9	16.8	12.8				3.7	
C.V.	23.5		4.6	7.3	11.3				6.9	

TABLE· 235-V-83

EVT15A YEAR 1983 SRI LANKA GIRANDURUKOTTE

CO-OPERATOR: C. B. HINDAGALA/L. P SOMADASA

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
6 Poza Rica 8140	5366	94	53	174	84	0.6	0.0	6.1	39.8	1.0
8 Across 8140	4956	87	53	191	90	0.0	1.3	5.3	41.8	1.0
9 Across 7940 RE	4830	85	53	183	80	0.0	0.0	5.0	40.0	1.0
4 San Jeronimo 8140	4577	81	53	180	86	0.0	0.7	9.9	39.3	1.0
1 San Jeronimo 8039	4325	76	53	179	91	1.4	2.2	6.4	38.3	1.0
3 Across 8039	4325	76	53	185	88	0.0	0.0	4.5	36.3	1.0
7 Los Banos 8140	4198	74	53	171	81	0.7	1.3	7.0	38.3	1.0
10 Across 7726 NRE	4135	73	52	186	83	0.0	0.0	5.5	36.5	1.0
5 San Jeronimo (1)8140	4135	73	54	176	89	0.0	0.7	6.0	37.8	1.0
2 Pichilingue 8039	3851	68	52	181	86	0.7	1.9	8.1	39.3	0.9
MEANS	4470	79	53	181	86	0.3	0.8	6.4	38.7	1.0
MAXIMUM	5366	94	54	191	91	1.4	2.2	9.9	41.8	1.0
MINIMUM	3851	68	52	171	80	0.0	0.0	4.5	36.3	0.9
CHECKS (TESTIGOS)										
12 COMPOSITE-6	5682	-	53	194	96	0.0	0.6	1.3	42.8	1.0
11 BHADRA-1	5177	-	54	191	93	0.6	0.6	1.9	41.3	1.0
CHECK MEANS	5429	-	53	192	94	0.3	0.6	1.6	42.0	1.0
5% LSD	887.5		1.3	13.6	11.6				4.5	
C.V.	13.3		1.8	5.2	9.2				7.9	

TABLE: 236-V-83

EVT15A YEAR 1983 BURMA YEZIN

CO-OPERATOR: DR. TUN SAING + UMAW KYI

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	STALK ROT	HUSK COVER	ENDO HARD	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
9 Across 7940 RC	4931	128	43	211	123	9.7	24.1	10.5	16.1	3.3	3.3	38.8	3.4	3.5	24.7
4 San Jeronimo 8140	4840	126	43	194	119	13.8	25.8	16.3	20.9	4.0	3.1	38.5	3.4	3.6	22.0
7 Los Banos 8140	4720	122	43	199	117	9.9	16.0	11.7	10.7	3.5	3.[illegible]	37.[illegible]	3.5	3.4	22.8
6 Poza Rica 8140	4592	119	43	191	109	12.8	26.3	21.2	31.3	4.1	3.0	39.0	3.4	3.9	23.6
8 Across 8140	4560	118	42	187	114	22.5	23.5	22.0	39.3	4.0	3.3	37.3	3.5	3.8	21.6
5 San Jeronimo (1)8140	4338	113	43	200	113	12.4	16.2	15.4	18.1	3.9	3.0	36.0	3.6	3.4	23.4
1 San Jeronimo 8039	4315	112	42	198	119	10.0	31.8	19.9	35.6	3.0	3.1	40.5	3.5	3.6	22.8
3 Across 8039	4187	109	43	203	116	22.2	24.8	16.8	34.8	3.5	3.3	37.0	3.5	3.6	21.9
10 Across 7726 NRE	4084	106	43	209	119	22.4	23.9	21.9	53.7	3.6	1.3	37.8	3.6	4.0	21.0
2 Pichilingue 8039	4027	105	42	193	110	15.0	42.5	22.4	44.6	3.9	3.5	36.3	3.8	4.0	23.7
MEANS	4460	116	43	198	116	15.1	25.5	17.8	30.5	3.7	3.0	37.9	3.5	3.7	22.7
MAXIMUM	4931	128	43	211	123	22.5	42.5	22.4	53.7	4.1	3.5	40.5	3.8	4.0	24.7
MINIMUM	4027	105	42	187	109	9.7	16.0	10.5	10.7	3.0	1.3	36.0	3.4	3.4	21.0
CHECKS (TESTIGOS):															
11 SHWE WAR 1	3854	-	41	166	92	26.9	36.8	30.4	43.0	2.8	1.0	37.8	3.6	3.8	21.5
12 SHWE WAR 8	3561	-	41	177	91	25.9	32.3	31.8	56.2	3.3	1.0	34.3	3.6	4.1	20.4
CHECK MEANS	3707	-	40	171	91	26.4	34.5	31.1	49.6	3.0	1.0	36.0	3.6	3.9	20.9
5% LSD	696.7		1.1	18.0	13.8							4.3			
C.V.	11.2		1.7	6.5	8.6							7.9			

TABLE: 237-V-83

EVT15A YEAR 1983 THAILAND SUWAN

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	LEAF DIS.	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
9 Across 7940 RE	5120	63	51	201	108	39.2	5.1	0.0	3.4	2.8	3.0	44.0	2.5	3.0	31 1
6 Poza Rica 8140	4838	60	51	192	97	35.2	3.4	3.1	1.7	2.8	2.5	44.0	2.6	2.8	31.2
4 San Jeronimo 8140	4810	59	51	191	100	38.6	5.7	4.0	4.5	2.8	2.8	44.0	2.4	3.0	30.8
7 Los Banos 8140	4551	56	51	200	101	30.7	4.0	3.9	5.7	2.3	2.3	44.0	2.5	3.3	30.6
8 Across 8140	4500	55	51	191	101	52.3	5.7	5.8	2.3	3.0	2.8	44.0	2.8	3.5	29.3
3 Across 8039	4465	55	50	201	107	42.6	6.8	7.2	2.3	2.5	2.8	44.0	2.8	3.5	28.8
5 San Jeronimo (1)8140	4457	55	51	190	100	44.9	3.4	6.1	2.8	2.3	3.0	44.0	2.8	3.0	32.6
2 Pichilingue 8039	4153	51	48	191	105	38.3	4.6	6.4	1.8	2.5	3.0	43.3	2.6	3.5	26 0
1 San Jeronimo 8039	3907	48	50	198	106	49.4	5.8	6.9	3.0	3.0	2.3	43.5	2 6	3.3	28 7
10 Across 7726 NRE	3202	39	51	189	99	75.3	5.8	23.1	1.8	2.3	2.5	43.5	3.1	4.0	27.5
MEANS	4400	54	50	194	102	44.6	5.0	6.6	2.9	2.6	2.7	43.8	2.7	3.3	29.7
MAXIMUM	5120	63	51	201	108	75.3	6.8	23.1	5.7	3.0	3.0	44.0	3.1	4.0	32.6
MINIMUM	3202	39	48	189	97	30.7	3.4	0.0	1.7	2.3	2.3	43.3	2.4	2.8	26.0
CHECKS (TESTIGOS):															
12 SUWAN 1-C8	8117	-	52	214	114	11.9	2.3	1.1	0.0	1.8	2.0	44.0	2.1	2.0	31.7
11 THAI OPAQUE #3	5025	-	51	217	120	32.4	4.5	1.2	0.0	2.8	2.0	44.0	2.6	3.0	30.1
CHECK MEANS	6571	-	51	215	116	22.2	3.4	1.2	0.0	2.3	2.0	44.0	2.4	2.5	30.9
5% LSD	858.2		0.9	11.4	7.6							0.9			
C.V.	12.5		1.3	4.0	5.0							1.4			

TABLE: 238-V-83

EVT15A YEAR 1983 THAILAND BANMAISOMRONG

CO-OPERATOR: DR. KITISRI SUKHAPINDA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
5 San Jeronimo (1)8140	3740	96	54	233	115	2.4	5.9	42.0	1.8	2.8	83.5	0.9	25.6
6 Poza Rica 8140	3594	93	56	240	115	4.9	6.1	41.0	2.5	3.0	81.3	0.9	26.4
7 Los Banos 8140	3592	92	55	242	118	2.3	6.5	42.8	2.8	3.0	85.3	0.8	22.4
9 Across 7940 RE	3534	91	54	244	125	3.4	7.0	40.5	2.8	3.3	80.8	0.9	24.4
4 San Jeronimo 8140	3498	90	55	246	122	3.0	5.5	41.3	2.5	3.0	82.3	0.8	22.4
8 Across 8140	3195	82	55	236	112	4.2	4.8	41.5	2.0	2.5	82.5	0.8	23.8
10 Across 7726 NRE	3087	79	54	234	115	6.4	4.8	41.8	2.5	3.5	83.3	0.8	21.7
1 San Jeronimo 8039	2996	77	55	235	124	7.6	6.5	38.8	3.0	3.5	77.0	0.9	21.0
2 Pichilingue 8039	2793	72	55	243	116	5.0	5.7	40.0	3.5	4.0	80.0	0.8	22.0
3 Across 8039	2713	70	57	236	115	2.6	5.9	37.8	3.0	3.3	75.0	0.8	25.5
MEANS	3274	84	55	239	118	4.2	5.9	40.7	2.6	3.2	81.1	0.8	23.5
MAXIMUM	3740	96	57	246	125	7.6	7.0	42.8	3.5	4.0	85.3	0.9	26.4
MINIMUM	2713	70	54	233	112	2.3	4.8	37.8	1.8	2.5	75.0	0.8	21.0
CHECKS (TESTIGOS):													
12 PC-DR	3885	-	51	214	120	11.6	7.2	42.0	2.0	2.5	84.0	0.9	17.9
11 SUWAN 1	3484	-	55	228	131	8.0	6.8	40.3	1.8	3.3	80.3	0.9	23.6
CHECK MEANS	3685	-	53	220	125	9.8	7.0	41.1	1.9	2.9	82.1	0.9	20.7
5% LSD	703.3		2.6	23.4	12.1			4.7					3.5
C.V.	14.6		3.3	6.9	7.1			8.0					10.5

TABLE: 239-V-83

EVT15A YEAR 1983 VIETNAM SONGBOI

CO-OPERATOR: VU NGOC LUOC

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	ENDO HARD	HELM	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
7 Los Baros 8140	4520	115	72	190	96	4.8	69.5	7.4	3.0	2.0	3.0	41.5	2.8	2.8	31.4
5 San Jeronimo (1)8140	4518	115	71	189	95	1.2	20.7	3.9	3.0	3.0	2.5	40.3	2.0	3.0	31.5
8 Across 8140	4211	108	71	198	103	4.6	43.8	6.5	2.8	2.0	3.0	38.0	2.3	3.3	30.3
4 San Jeronimo 8140	4207	107	74	188	95	1.9	50.0	11.3	3.3	2.8	3.0	40.3	2.5	3.0	29.9
6 Poza Rica 8140	4057	104	70	197	100	6.7	37.7	9.1	3.0	2.0	2.8	39.0	2.8	3.0	32.2
9 Across 7940 RE	4023	103	71	196	98	6.4	69.9	12.7	3.5	2.5	3.0	39.3	2.5	3.0	31.4
3 Across 8039	3793	97	71	195	101	5.6	83.7	7.2	2.8	2.5	2.8	38.3	2.8	3.0	27.6
10 Across 7726 NRE	3713	95	71	188	92	8.8	43.4	11.9	3.0	2.3	2.5	40.5	3.0	2.8	28.9
1 San Jeronimo 8039	3382	86	70	186	97	4.7	43.0	10.9	3.5	2.8	2.8	39.0	3.0	2.8	30.0
2 Pichilingue 8039	3093	79	70	186	96	11.2	72.3	13.6	2.8	2.5	3.0	36.8	2.8	3.0	29.3
MEANS	3952	101	71	191	97	5.6	53.4	9.5	3.1	2.4	2.8	39.3	2.6	3.0	30.2
MAXIMUM	4520	115	74	198	103	11.2	83.7	13.6	3.5	3.0	3.0	41.5	3.0	3.3	32.2
MINIMUM	3093	79	70	186	92	1.2	20.7	3.9	2.8	2.0	2.5	36.8	2.0	2.8	27.6
CHECKS (TESTIGOS):															
12 LOCAL CHECK 2	3914	-	74	203	114	2.9	61.2	1.5	3.0	2.0	2.3	35.3	2.5	3.0	35.0
11 LOCAL CHECK 1	1218	-	77	179	90	4.5	50.0	5.4	2.0	3.0	2.5	9.8	3.0	2.5	31.1
CHECK MEANS	2566	-	75	190	101	3.7	55.6	3.5	2.5	2.5	2.4	22.5	2.8	2.8	33.1
5% LSD	860.3		3.0	14.0	11.4							4.8			
C.V.	16.1		2.9	5.1	8.1							9.2			

TABLE: 240-V-83

TRIAL: EVT15A

YEAR: 1983

MEANS ACROSS 28 LOCATIONS

ENTRY NO. AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
5 San Jeronimo (1)8140	4761	White QPM**	101	57	195
9 Across 7940 RE	4710	" "	100	57	203
4 San Jeronimo 8140	4682	" "	99	57	199
6 Poza Rica 8140	4619	" "	98	58	197
8 Across 8140	4593	" "	97	57	200
7 Los Banos 8140	4534	" "	96	58	197
10 Across 7726 NRE	4319	Mezcla Amarilla	92	57	197
3 Across 8039	4242	Yellow QPM**	90	57	203
1 San Jeronimo 8039	4187	" "	89	57	200
2 Pichilingue 8039	4174	" "	89	56	197

** Quality Protein Maize (Maíz con calidad proteínica)

TABLE: 241-V-83

EVT15B YEAR 1983 ARGENTINA PERGAMINO

CO-OPERATOR: R. SAN BECELAERE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ENDO HARD	EARS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
5 Across 8141	2151	74	60	230	113	1.0	18.5	2.0	4.0	19.1
8 Across 7941 RE	2131	73	60	215	110	2.0	19.0	2.0	3.0	18.9
7 Pool 34 QPM	2059	71	63	218	115	2.0	21.5	5.0	4.0	19.8
2 Islamabad 8141	1957	67	59	218	118	1.0	22.3	4.0	3.0	17.9
3 Antalaya 8141	1931	66	60	228	128	2.0	23.0	4.0	2.0	19.0
4 Antalaya (1) 8141	1919	66	61	223	133	3.0	21.8	5.0	4.0	19.5
9 Across 7845 NRE	1913	66	59	190	108	2.0	19.5	5.0	3.0	18.7
6 La Platina 7941	1852	64	60	215	113	2.0	19.0	4.0	4.0	19.2
1 Tlaltizapan 8141	1699	58	61	233	110	3.0	19.5	5.0	3.0	19.4
MEANS	1957	67	60	219	116	2.0	20.4	4.0	3.3	19.1
MAXIMUM	2151	74	63	233	133	3.0	23.0	5.0	4.0	19.8
MINIMUM	1699	58	59	190	108	1.0	18.5	2.0	2.0	17.9
CHECKS (TESTIGOS):										
11 COMPUESTO II R4 02	2914	-	59	218	113	4.0	23.0	3.0	3.0	18.5
12 CARGILL 360	2780	-	56	220	105	2.0	25.3	4.0	5.0	17.3
10 AGUAIA INTA	2587	-	55	218	113	1.0	22.5	3.0	3.0	17.0
CHECK MEANS	2760	-	56	218	110	2.3	23.6	3.3	3.7	17.6
5% LSD	1349.2			30.0	22.0					
C.V.	43.5			9.6	13.4					

TABLE: 242-V-83

EVT15B YEAR 1983 BOLIVIA STA CRUZ

CO-OPERATOR: KATRIN DE COSTOS

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 Tlaltizapan 8141	8064	100	51	183	108	0.0	0.6	2.6	36.8	2.3	9.9	2.5	1.1	22.0
9 Across 7845 NRE	7448	93	47	193	104	0.0	0.6	5.8	40.8	2.0	17.2	2.3	1.0	19.0
4 Antalaya (i) 8141	7261	90	48	185	106	0.0	0.0	2.3	39.8	2.8	5.8	2.0	1.1	19.5
5 Across 8141	6997	87	48	187	101	0.0	0.0	2.6	41.0	3.0	12.3	1.3	1.0	19.5
6 La Platina 7941	6835	85	48	186	95	0.0	0.0	5.0	38.5	3.3	8.0	2.0	1.0	21.4
3 Antalaya 8141	6718	84	47	208	110	0.0	0.0	4.6	38.5	3.5	12.3	2.3	1.0	20.1
10 Local Check (GPM)	6678	83	59	195	106	0.6	0.0	1.9	41.8	2.8	12.8	1.5	1.0	22.4
8 Across 7941 RE	6547	81	48	188	108	0.0	0.0	4.7	40.3	3.5	13.2	2.3	0.9	20.3
7 Pool 34 GPM	6447	80	48	196	102	0.0	0.0	5.5	40.5	3.3	12.9	3.3	1.0	20.9
2 Islamabad 8141	6169	77	47	194	105	0.0	0.9	3.4	34.8	3.3	11.3	2.5	1.0	18.7
MEANS	6916	86	49	191	105	0.1	0.2	3.8	39.3	3.0	11.5	2.2	1.0	20.4
MAXIMUM	8064	100	59	208	110	0.6	0.9	5.8	41.8	3.5	17.2	3.3	1.1	22.4
MINIMUM	6169	77	47	183	95	0.0	0.0	1.9	34.8	2.0	5.8	1.3	0.9	18.7
CHECKS (TESTIGOS):														
12 LOCAL CHECK	8038	-	56	225	118	0.6	1.2	1.3	40.3	1.8	8.9	1.8	1.0	23.4
11 CUBANO AMARILLO	7835	-	59	194	105	0.0	0.0	1.4	38.3	1.5	9.0	2.0	1.0	21.6
CHECK MEANS	7936	-	57	209	111	0.3	0.6	1.4	39.3	1.6	9.0	1.9	1.0	22.5
5% LSD	1239.9		3.5	28.1	23.4				4.6					2.3
C.V.	12.2		4.8	10.1	15.4				8.1					7.7

TABLE: 243-V-83

EVT15B YEAR 1983 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	PLANT ASPECT	EARS/ PLNT	MOIST %
4 Antalaya (1) 8141	6989	106	51	212	120	0.0	0.0	8.8	1.0	41.3	1.0	1.5	1.0	17.4
8 Across 7941 RE	6939	105	52	225	128	1.9	0.6	8.3	1.5	39.0	1.8	1.5	1.0	17.1
3 Antalaya 8141	6930	105	51	208	108	0.0	0.0	9.1	2.0	39.3	1.5	1.5	1.1	16.8
1 Tlaltizapan 8141	6776	103	50	215	115	0.0	0.0	11.8	1.5	38.8	1.0	1.3	1.1	18.1
6 La Platina 7941	6359	96	56	208	108	0.6	0.0	8.6	1.5	39.0	1.3	2.0	1.1	17.3
5 Across 8141	6243	95	51	218	110	0.6	0.0	7.4	2.0	39.3	1.5	2.0	1.1	17.3
2 Islamabad 8141	6134	93	51	198	103	0.0	0.0	13.9	2.0	39.3	1.8	2.0	1.1	16.3
7 Pool 34 QPM	5914	90	52	215	110	0.0	0.0	9.5	1.5	41.0	2.3	2.0	1.0	16.6
9 Across 7845 NRE	5861	89	54	205	108	0.6	1.2	9.7	1.5	40.8	2.3	1.5	1.0	17.0
MEANS	6461	98	52	212	112	0.4	0.2	9.7	1.6	39.8	1.6	1.2	1.1	17.1
MAXIMUM	6989	106	56	225	128	1.9	1.2	13.9	2.0	41.3	2.3	2.3	1.1	18.1
MINIMUM	5861	89	50	198	103	0.0	0.0	7.4	1.0	38.8	1.0	1.5	1.0	16.3
CHECKS (TESTIGOS):														
11 AMARILLO NORMAL	6595	-	62	213	110	1.5	0.0	10.5	1.0	33.8	1.5	1.8	1.1	16.1
12 AMARILLO LOCAL	5902	-	61	253	155	0.7	0.0	3.6	1.5	38.3	1.5	1.3	1.2	17.6
10 TEMPLADO AMARILLO 0	4871	-	53	223	120	2.8	0.0	7.6	2.0	36.0	2.0	1.3	0.9	17.3
CHECK MEANS	5789	-	58	229	128	1.7	0.0	7.3	1.5	36.0	1.7	1.5	1.1	17.0
5% LSD	1864.9		6.9	19.4	19.1					3.1				1.3
C.V.	20.6		8.9	6.2	11.5					5.6				5.3

TABLE: 244-V-83

EVT15B YEAR 1983 BRAZIL CAPINOPOLIS

CO-OPERATOR: SEMENTES AGROCERES

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	HUSK COVER	ENDO HARD	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
5 Across 8141	6394	113	54	195	103	74.4	5.1	1.1	2.3	1.0	1.8	44.0	2.8	2.8	14.1
9 Across 7845 NRE	6268	110	54	205	108	77.1	6.9	0.0	2.0	3.0	2.8	43.8	2.3	2.5	13.0
8 Across 7941 RE	6214	109	55	206	116	62.3	14.9	0.6	2.3	3.0	1.5	43.8	3.3	2.8	13.9
1 Tlaltizapan 8141	6214	109	55	204	111	59.5	24.3	0.0	2.0	2.0	2.3	43.0	3.3	2.6	13.8
6 La Platina 7941	6201	109	55	196	104	53.6	27.0	0.0	1.8	1.0	1.5	43.8	2.5	2.8	13.9
4 Antalaya (1) 8141	6103	107	55	211	114	57.7	19.4	0.0	2.3	2.0	2.0	43.8	2.5	2.5	13.9
3 Antalaya 8141	5877	103	54	201	106	69.3	9.3	1.2	2.0	3.0	1.8	43.3	2.8	3.0	14.3
2 Islamabad 8141	5847	103	54	193	100	51.5	28.0	0.0	2.0	2.0	1.0	43.8	3.5	3.0	13.9
7 Pool 34 QPM	5497	97	54	198	105	86.3	0.0	0.0	2.0	2.0	3.3	43.8	4.0	3.0	13.9
MEANS	6068	107	54	201	107	65.8	15.0	0.3	2.1	2.1	2.0	43.6	3.0	2.8	13.9
MAXIMUM	6394	113	55	211	116	86.3	28.0	1.2	2.3	3.0	3.3	44.0	4.0	3.0	14.3
MINIMUM	5497	97	54	193	100	51.5	0.0	0.0	1.8	1.0	1.0	43.0	2.3	2.5	13.8
CHECKS (TESTIGOS):															
11 AG 403	5678	-	64	245	150	74.7	2.3	0.6	1.3	1.0	1.5	43.5	2.5	-2.0	13.6
12 AG 301	5557	-	63	244	158	85.2	0.6	0.5	1.8	1.0	2.5	43.8	2.3	2.0	13.2
10 AG 401	5385	-	64	238	148	84.7	0.6	0.6	2.0	1.0	2.8	44.0	2.5	2.0	13.9
CHECK MEANS	5540	-	63	242	151	81.5	1.1	0.6	1.7	1.0	2.3	43.8	2.4	2.0	13.5
5% LSD	736.6		1.2	15.6	14.2							0.8			
C.V.	8.6		1.4	5.1	8.3							1.3			

TABLE: 245-V-83

EVT15B YEAR 1983 BRAZIL CRUZ ALTA

CO-OPERATOR:

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	EARS HARV	MOIST %
1 Tlaltizapan 8141	3130	80	150	60	2.5	6.5	30.8	17.8
7 Pool 34 GPM	3071	79	175	100	3.9	4.0	26.8	19.8
6 La Platina 7941	3060	78	155	75	7.5	6.0	29.8	16.5
3 Antalaya 8141	3021	77	160	70	3.5	10.9	28.5	15.6
5 Across 8141	3003	77	160	80	2.3	4.3	27.3	16.8
4 Antalaya (1) 8141	2851	73	150	63	5.7	4.1	30.0	16.5
8 Across 7941 RE	2797	72	155	80	2.0	1.0	28.0	18.0
9 Across 7845 NRE	2791	71	155	78	8.3	9.4	26.0	16.0
2 Islamabad 8141	2511	64	153	68	2.1	5.1	24.0	16.4
MEANS	2915	75	157	75	4.2	5.7	27.9	17.0
MAXIMUM	3130	80	175	100	8.3	10.9	30.8	19.8
MINIMUM	2511	64	150	60	2.0	1.0	24.0	15.6
CHECKS (TESTIGOS).								
12 LOCAL CHECK 3	3904	-	185	83	5.1	0.6	34.8	22.0
10 LOCAL CHECK 1	3802	-	170	70	0.0	14.7	27.5	19.6
11 LOCAL CHECK 2	3614	-	173	68	4.4	6.3	32.3	22.5
CHECK MEANS	3773	-	175	73	3.2	7.2	31.5	21.3
5% LSD	657 7							2.2
C.V.	14.6							8.5

TABLE: 246-V-83

EVT15B YEAR 1983 BRAZIL COTRI JUI

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 %
10 Local Check (QPM)	4910	85	96	191	131	6.1	5.5	3.2	37.0	2.3	43.3	1.0	1.0	12.7
6 La Platina 7941	3893	67	92	148	96	4.6	7.7	5.1	38.3	5.0	43.8	3.0	1.0	12.4
8 Across 7941 RE	3675	63	82	136	98	7.2	7.0	6.4	38.0	4.5	60.8	3.8	1.0	12.7
1 Tlaltizapan 8141	3567	62	91	131	93	11.3	9.9	8.8	35.3	3.3	54.9	3.3	1.0	12.8
7 Pool 34 QPM	3510	61	78	143	90	5.7	8.2	11.0	35.5	5.0	76.2	3.8	1.0	12.4
5 Across 8141	3491	60	81	121	80	6.1	3.6	11.4	33.8	5.0	73.5	3.3	1.1	12.2
3 Antalaya 8141	3373	58	78	119	83	5.4	3.8	7.2	32.8	3.5	64.2	4.0	1.1	12.0
4 Antalaya (1) 8141	3307	57	81	133	93	4.4	6.5	6.1	34.3	4.5	47.0	3.0	1.0	12.4
2 Islamabad 8141	3280	57	91	126	89	2.9	11.2	9.7	35.3	4.3	68.8	3.3	1.0	12.5
9 Across 7845 NRE	3229	56	92	119	86	12.6	14.7	8.9	33.5	4.0	72.5	5.0	1.0	12.4
MEANS	3623	63	81	137	94	6.6	7.8	7.8	35.3	4.1	60.5	3.3	1.0	12.4
MAXIMUM	4910	85	98	191	131	12.6	14.7	11.4	38.3	5.0	76.2	5.0	1.1	12.8
MINIMUM	3229	56	78	119	80	2.9	3.6	3.2	32.8	2.3	43.3	1.0	1.0	12.0
CHECKS (TESTIGOS):														
12 LOCAL CHECK 2	5792	-	84	214	136	15.0	15.8	2.8	39.8	1.0	56.4	2.0	1.1	12.7
11 LOCAL CHECK 1	4258	-	97	179	119	12.7	6.9	5.1	30.8	2.5	49.8	2.3	1.1	12.9
CHECK MEANS	5025	-	85	196	127	13.9	11.3	3.9	35.3	1.8	53.1	2.1	1.1	12.8
5% LSD	437.6		1.8	32.3	12.1				4.8					0.6
C.V.	7.9		1.5	15.3	8.5				9.4					3.4

TABLE: 247-V-83

EVT15B YEAR 1983 PERU CANETE

CO-OPERATOR: ANTONIO MANRIQUE CH. JORGE NAKAHODO N.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
5 Across 8141	4059	56	1.5	54.0	1.0	16.3
4 Antalaya (1) 8141	3886	54	1.5	52.3	1.0	17.4
7 Pool 34 QPM	3822	53	2.6	49.0	1.0	15.8
9 Across 7845 NRE	3817	53	2.4	48.8	0.9	15.9
2 Islamabad 8141	3776	53	1.1	51.0	1.0	16.8
1 Tlaltizapan 8141	3770	52	1.1	47.5	1.0	18.2
3 Antalaya 8141	3575	50	4.9	47.3	0.9	16.5
8 Across 7941 RE	3241	45	0.6	48.5	1.0	18.0
6 La Platina 7941	3087	43	1.1	43.8	1.0	17.8
MEANS	3670	51	1.8	49.1	1.0	17.0
MAXIMUM	4059	56	4.9	54.0	1.0	18.2
MINIMUM	3087	43	0.6	43.8	0.9	15.8
CHECKS (TESTIGOS):						
12 PM-212	7186	-	0.0	51.8	1.0	25.9
10 PMS-267 D2	6118	-	1.6	51.5	0.9	24.8
11 PM-701	5832	-	0.5	49.5	0.9	26.1
CHECK MEANS	6378	-	0.7	50.9	0.9	25.6
5% LSD	866.7			8.4		0.8
C.V.	13.9			11.8		2.8

TABLE: 248-V-83

EVT15B YEAR 1983 MEXICO CD. OBREGON

CO-OPERATOR: O. COTA Y J. M. VALENZUELA

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 %
1 Tlaltizapan 8141	7291	101	71	189	100	3.7	7.3	3.8	2.4	41.3	3.8	18.8	3.3	1.1	23.5
8 Across 7941 RE	6801	94	70	176	93	0.0	5.6	1.5	2.1	40.8	3.6	21.4	3.0	1.1	21.8
5 Across 8141	6283	87	71	179	85	0.6	3.1	2.1	2.5	39.9	3.6	15.0	2.9	1.1	22.5
7 Pool 34 QPM	6212	86	71	169	80	0.6	2.7	4.8	2.0	38.8	3.3	23.8	3.0	1.2	22.2
9 Across 7845 NRE	6143	85	71	183	93	4.3	8.7	8.3	2.0	40.0	3.4	15.0	2.8	1.1	20.6
2 Islamabad 8141	6014	83	70	178	91	0.0	3.4	4.2	2.5	39.8	3.5	14.4	2.9	1.1	20.7
3 Antalaya 8141	5871	81	70	185	86	0.6	6.1	4.7	2.4	40.8	3.5	20.3	2.9	1.0	19.6
4 Antalaya (i) 8141	5745	80	70	181	94	0.0	1.2	7.1	2.5	40.8	3.5	11.6	2.6	1.1	22.0
6 La Platina 7941	5464	76	71	165	85	1.8	4.7	7.6	2.4	38.8	3.4	9.0	2.9	1.1	23.3
MEANS	6203	86	70	178	90	1.3	4.6	4.9	2.3	40.1	3.5	16.6	2.9	1.1	21.8
MAXIMUM	7291	101	71	189	100	4.3	8.7	8.3	2.5	41.3	3.8	23.8	3.3	1.2	23.5
MINIMUM	5464	76	70	165	80	0.0	1.2	1.5	2.0	38.8	3.3	9.0	2.6	1.0	19.6
CHECKS (TESTIGOS):															
11 GUANACASTE 7940	7211	-	71	188	101	2.4	8.8	1.1	2.3	41.8	3.8	8.5	3.4	1.1	27.1
10 LA POSTA QPM	7169	-	74	200	106	2.5	9.4	6.7	2.3	40.0	4.0	14.4	3.6	1.1	26.5
12 V-455	6966	-	76	191	106	1.9	9.1	1.3	2.5	38.0	4.0	9.3	3.4	1.0	28.0
CHECK MEANS	7115	-	73	192	104	2.3	9.1	3.0	2.3	39.9	3.9	10.7	3.5	1.1	27.2
5% LSD	862.6		1.8	16.6	19.4					3.9					2.1
C.V.	9.3		1.8	6.3	14.5					6.8					6.3

TABLE: 249-V-83

EVT15B YEAR 1983 ZAIRE GANDAJIKA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
1 Tlaltizapan 8141	5258	83	58	190	92	17.8	44.1	6.4	1.3	2.3	29.5	1.8	8.7	1.3	19.9
8 Across 7941 RE	5125	81	57	192	104	10.9	44.6	4.3	2.3	3.0	29.0	2.3	15.1	2.3	18.3
6 La Platina 7941	4277	67	58	179	102	17.8	49.1	3.6	1.5	2.0	27.8	2.3	11.4	2.0	19.1
3 Antalaya 8141	3934	62	57	180	87	11.2	41.3	3.1	1.8	3.0	31.0	2.5	10.2	1.8	18.8
5 Across 8141	3759	59	58	187	93	6.8	59.8	12.1	1.3	2.5	22.0	2.5	15.5	1.5	17.4
2 Islamabad 8141	3630	57	57	183	91	15.4	42.4	13.1	2.0	3.0	21.8	2.5	10.2	2.0	18.3
4 Antalaya (1) 8141	2784	44	58	183	93	15.9	53.0	4.5	2.0	2.3	30.5	2.8	10.6	2.3	18.8
9 Across 7845 .RE	2662	42	57	189	90	6.1	52.1	7.2	1.5	2.3	30.0	2.5	9.3	1.8	19.3
7 Pool 34 QPM	2551	40	57	171	83	8.5	37.1	6.7	3.0	2.8	22.0	2.8	15.0	2.5	19.0
MEANS	3776	59	57	184	93	12.3	47.1	6.8	1.8	2.6	27.1	2.4	11.8	1.9	18.7
MAXIMUM	5258	83	58	192	104	17.8	59.8	13.1	3.0	3.0	31.0	2.8	15.5	2.5	19.9
MINIMUM	2551	40	57	171	83	6.1	37.1	3.1	1.3	2.0	21.8	1.8	8.7	1.3	17.4
CHECKS (TESTIGOS):															
11 KASAI I	6359	-	65	225	123	14.1	50.1	0.8	1.5	2.8	28.5	1.0	0.0	2.3	19.1
12 SALONGO II	4882	-	67	221	117	29.1	70.7	1.7	2.0	3.3	25.0	1.3	7.5	2.0	20.1
10 MAIS OPAQUE	4084	-	73	266	172	10.1	67.3	7.5	2.8	2.3	24.0	2.8	8.7	2.8	24.8
CHECK MEANS	5108	-	68	237	137	17.8	62.7	3.3	2.1	2.8	25.8	1.7	5.4	2.3	21.3
5% LSD	1182.2		1.5	18.8	13.3						7.1				
C. V.	20.0		1.8	6.6	8.9						18.5				

TABLE: 250-V-83

EVT15B YEAR 1983 ZIMBABWE HARARE

CO-OPERATOR R. C. OLIVER

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
6 La Platina 7941	7354	69	193	107	2.8	3.4	13.2	44.0	1.8	2.5	88.0	1.2	13.2
1 Tlaltizapan 8141	7349	69	196	105	6.8	1.7	14.4	44.0	2.3	2.5	88.0	1.2	14.0
5 Across 8141	6865	65	188	94	1.1	0.0	17.9	43.3	2.3	2.3	88.0	1.2	13.4
8 Across 7941 RE	6799	64	191	105	4.5	2.3	15.4	44.0	2.0	3.3	88.0	1.3	13.5
3 Antalaya 8141	6546	62	168	93	4.6	9.2	9.8	43.3	2.0	2.8	87.5	1.1	12.9
4 Antalaya (1) 8141	6462	61	180	99	2.3	4.0	11.1	43.8	2.3	2.5	87.8	1.1	13.7
9 Across 7845 NRE	6453	61	186	100	10.3	9.7	14.6	43.8	2.5	3.0	88.0	1.1	13.2
2 Islamabad 8141	6163	58	181	107	2.8	2.8	16.2	44.0	2.3	3.0	88.0	1.1	13.2
7 Pool 34 GPM	6135	58	184	96	1.7	2.3	18.0	44.0	2.8	3.3	87.5	1.2	13.1
MEANS	6681	63	185	101	4.1	3.8	14.5	43.8	2.2	2.8	87.9	1.2	13.3
MAXIMUM	7354	69	196	107	10.3	9.7	18.0	44.0	2.8	3.3	88.0	1.3	14.0
MINIMUM	6135	58	168	93	1.1	0.0	9.8	43.3	1.8	2.3	87.5	1.1	12.9
CHECKS (TESTIGOS):													
11 S.R.52	10583	-	209	127	4.0	52.5	5.3	44.0	1.3	1.3	88.0	1.0	18.0
12 ZS225	10532	-	238	124	4.1	0.0	9.9	43.3	1.5	1.8	85.8	1.3	13.4
10 R61	9534	-	226	125	5.2	56.6	10.6	43.0	2.3	2.3	87.8	1.2	16.4
CHECK MEANS	10216	-	224	125	4.4	38.4	8.7	43.4	1.7	1.9	87.2	1.2	15.9
5% LSD	972.6		31.6	21.2				0.9					1.0
C.V.	8.9		11.3	13.8				1.5					4.9

TABLE: 251-V-83

EVT15B YEAR 1983 BURMA YEZIN

CO-OPERATOR: DR. TUN SAING + UMAW KYI

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	ENDO HARD	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	MOIST %
5 Across 8141	5032	101	52	182	84	0.0	2.1	0.8	3.1	3.3	35.3	3.3	3.1	77.5	25.1
1 Tlaltizapan 8141	4938	99	52	184	80	0.0	0.7	0.0	3.0	2.9	36.5	3.3	3.1	79.3	27.7
6 La Platina 7941	4922	99	53	179	83	0.0	0.0	0.0	3.4	3.3	36.5	3.0	3.1	78.3	23.8
8 Across 7941 RE	4882	98	50	182	86	0.9	1.5	2.4	3.5	3.3	36.8	3.3	3.3	79.0	24.8
3 Antalaya 8141	4711	94	50	188	77	1.5	0.7	1.5	3.6	3.5	36.3	3.4	3.3	83.3	23.9
9 Across 7845 NRF	4584	92	51	196	92	1.8	4.6	0.0	3.8	1.0	33.8	3.5	3.5	84.0	22.8
2 Islamabad 8141	4364	87	53	175	75	0.0	0.0	0.9	3.4	3.1	32.8	3.4	3.5	73.8	25.9
4 Antalaya (1) 8141	4355	87	51	191	86	1.6	2.4	2.2	3.0	3.3	32.0	3.4	3.4	73.5	27.7
7 Pool 34 GPM	3992	80	50	188	82	0.0	4.5	0.0	3.6	3.5	28.8	3.8	3.5	81.0	24.1
MEANS	4642	93	51	185	83	0.7	1.8	0.9	3.4	3.0	34.3	3.3	3.3	78.8	25.1
MAXIMUM	5032	101	53	196	92	1.8	4.6	2.4	3.8	3.5	36.8	3.8	3.5	84.0	27.7
MINIMUM	3992	80	50	175	75	0.0	0.0	0.0	3.0	1.0	28.8	3.0	3.1	73.5	22.8
CHECKS (TESTIGOS):															
10 SHWE WAR 1	4992	-	61	221	117	0.0	0.0	0.0	2.6	1.0	32.3	3.4	3.9	67.0	29.3
11 SHWE WAR 8	3703	-	51	180	78	0.7	2.6	0.0	3.4	1.0	26.0	3.4	3.0	62.0	23.3
12 SHWE WAR 4	1560	-	50	191	88	0.0	0.0	0.0	4.1	1.0	8.5	3.4	4.0	17.0	22.8
CHECK MEANS	3418	-	54	197	94	0.2	0.9	0.0	3.4	1.0	22.3	3.4	3.6	48.7	25.2
5% LSD	1520.9		1.8	13.0	13.5						6.4				
C.V.	24.4		2.4	4.8	11.0						14.2				

TABLE: 252-V-83

EVT15B YEAR 1983 CHINA NANNING

CO-OPERATOR: GUAGXI MAIZE RESEARCH INSTITUTE

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	HELM MAYD	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	CARS. PLNT	MOIST %
6 La Platina 7941	3000	98	77	187	89	0.0	2.0	1.5	30.3	2.8	1.5	60.0	1.0	22.3
9 Across 7845 NRE	2866	94	75	193	87	1.7	2.0	1.0	29.8	3.3	2.0	60.0	1.0	20.6
8 Across 7941 RE	2797	91	78	197	95	1.7	2.5	1.5	30.0	2.8	1.8	60.0	1.0	22.6
1 Tlaltizapan 8141	2769	90	77	189	87	1.6	2.0	2.0	30.5	3.0	2.5	60.0	1.0	24.3
5 Across 8141	2697	88	77	187	86	0.0	2.5	2.0	30.0	2.8	1.8	60.0	1.0	23.6
7 Pool 34 QPM	2601	85	76	194	87	1.7	2.5	1.0	30.0	3.5	1.8	60.0	1.0	25.0
4 Antalaya (1) 8141	2573	84	78	194	88	0.0	2.0	2.0	29.5	2.5	2.5	60.0	1.0	24.4
2 Islamabad 8141	2537	83	76	182	86	0.3	2.5	1.5	30.0	2.8	2.0	60.0	1.0	22.6
3 Antalaya 8141	2460	80	77	189	84	1.8	2.5	2.0	30.5	3.5	2.3	60.0	1.0	23.3
MEANS	2700	88	77	190	88	1.0	2.3	1.6	30.1	2.9	2.0	60.1	1.0	23.2
MAXIMUM	3000	98	78	197	96	1.8	2.5	2.0	30.5	3.5	2.5	60.0	1.0	25.0
MINIMUM	2460	80	75	182	84	0.0	2.0	1.0	29.5	2.5	1.5	60.0	1.0	20.6
CHECKS (TESTIGOS):														
12 KWEI DAN 16(SNGL C)	3062	-	80	225	106	1.9	2.0	1.5	30.3	3.3	1.0	60.0	1.0	24.1
10 TUXPENO 1 QPM	3003	-	81	216	94	0.0	2.0	1.0	30.3	1.5	1.0	60.0	1.0	29.2
11 TUXPENO 1	2895	-	86	191	97	1.0	2.0	1.0	29.5	2.3	1.5	60.0	0.9	31.6
CHECK MEANS	[illegible]	-	82	210	99	0.9	2.0	1.2	30.0	2.3	1.2	60.0	1.0	28.3
5% LSD	413.5		1.4	9.1	6.4				1.0					3.0
C.V.	10.4		1.2	3.2	4.9				2.4					8.6

TABLE: 253-V-83

EVT15B YEAR 1983 VIETNAM SONGBOI

CO-OPERATOR: VU NGOC LUOC

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	HUSK COVER	ENDO HARD	HELM	PLANTS HARV	EAR ASPCT	PLANT ASPECT	BORER %	MOIST %
4 Antalaya (1) 8141	3445	95	69	165	73	51.1	15.3	3.0	1.0	3.0	41.3	3.0	2.5	11.1	29.5
7 Pool 34 QPM	3353	92	68	162	74	20.5	19.0	2.8	2.0	3.0	38.8	2.8	2.5	8.7	31.6
8 Across 7941 RE	3331	92	69	165	76	46.6	11.1	2.5	2.8	3.0	40.8	2.8	2.5	6.2	29.0
3 Antalaya 8141	3156	87	68	158	70	36.7	19.2	2.8	2.8	3.0	40.0	3.3	2.3	5.0	28.7
6 La Platina 7941	3101	85	71	151	66	25.2	12.7	3.3	2.8	3.0	37.5	2.8	2.3	4.6	31.9
1 Tlaltizapan 8141	3031	84	68	164	74	61.1	20.3	3.0	2.8	3.0	38.0	3.3	2.3	9.3	28.0
5 Across 8141	3012	83	67	167	72	21.9	24.3	3.0	3.0	3.0	41.3	3.3	3.0	6.7	28.3
9 Across 7845 NRE	2876	79	68	185	88	43.4	24.8	3.3	1.0	3.0	38.8	2.5	3.0	9.1	32.7
2 Islamabad 8141	2793	77	68	166	76	55.9	19.5	3.3	2.3	3.0	37.3	3.0	2.5	7.4	26.3
10 Local Check (QPM)	2405	66	76	167	103	88.2	10.4	2.0	3.8	3.0	22.5	2.5	3.0	11.8	36.3
MEANS	3050	84	69	165	77	45.0	17.7	2.9	2.4	3.0	37.6	2.9	2.6	8.0	30.2
MAXIMUM	3445	95	76	185	103	88.2	24.8	3.3	3.8	3.0	41.3	3.3	3.0	11.8	36.3
MINIMUM	2405	66	67	151	66	20.5	10.4	2.0	1.0	3.0	22.5	2.5	2.3	4.6	26.3
CHECKS (TESTIGOS)															
11 LOCAL CHECK 1	3628	-	75	179	92	87.8	4.5	2.3	1.3	2.5	26.0	2.5	2.5	6.3	33.7
12 LOCAL CHECK 2	3479	-	76	192	101	100.0	3.2	2.5	1.0	3.0	29.8	2.5	3.0	9.5	30.2
CHECK MEANS	3553	-	75	185	96	93.9	3.9	2.4	1.1	2.8	27.9	2.5	2.8	7.9	32.0
5% LSD	943.3		1.7	10.3	9.5						5.3				
C.V.	20.9		1.7	4.2	8.2						10.3				

TABLE: 254-V-83

TRIAL: EVT15B

YEAR: 1983

MEANS ACROSS 9 LOCATIONS

ENTRY NO. AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
1 Tlaltizapan 8141	5040	Temp. Amarillo QPM**	107	62	186
8 Across 7941 RE	4714	" " "	100	62	185
5 Across 8141	4663	" " "	99	62	183
6 La Platina 7941	4623	" " "	98	62	179
9 Across 7845 NRE	4507	Amarillo Bajío	96	61	184
3 Antalaya 8141	4452	Temp. Amarillo QPM**	94	61	180
4 Antalaya (1) 8141	4314	" " "	92	62	185
2 Islamabad 8141	4308	" " "	91	61	178
7 Pool 34 QPM	4301	-	91	62	182

TABLE: 255-V-83

EVT16A YEAR 1983 ARGENTINA PERGAMINO

CO-OPERATOR: R. SAN BECELAERE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	EARS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
4 Guaira 8045	3553	77	59	215	100	26.3	3.0	3.0	18.7
10 Across 8146	3265	71	54	203	108	27.5	3.0	4.0	17.8
5 Capinopolis 8146	2521	54	54	205	105	24.5	5.0	4.0	17.5
7 Tlaltizapan 8146	2404	52	52	208	105	26.5	3.0	4.0	17.2
12 Across 7748 RE	2345	51	53	200	100	23.8	4.0	5.0	17.5
11 Across 7845 RE	1977	43	58	213	115	21.8	2.0	3.0	18.1
6 La Molina 8146	1852	40	55	208	110	21.0	4.0	5.0	18.1
3 Across 8033	1675	36	59	208	108	18.0	2.0	3.0	18.2
1 Sete Lagoas 8033	1409	30	60	193	105	18.5	4.0	3.0	19.1
2 La Molina (1) 8033	1298	28	57	215	108	17.0	4.0	4.0	18.3
9 Coimbatore 8146	1220	26	52	215	110	16.5	4.0	4.0	16.8
8 Pirsabak 8146	1153	25	55	210	100	18.0	5.0	5.0	18.0
MEANS	2056	44	56	208	106	21.6	3.6	3.9	17.9
MAXIMUM	3553	77	60	215	115	27.5	5.0	5.0	19.1
MINIMUM	1153	25	52	193	100	16.5	2.0	3.0	16.8
CHECKS (TESTIGOS):									
15 ASGROW 252	4630	-	62	220	115	30.5	1.0	3.0	18.1
14 CARGILL 360	4349	-	57	215	98	31.5	2.0	4.0	18.2
13 AGUAIA INTA	3591	-	57	220	115	28.5	1.0	3.0	18.4
CHECK MEANS	4190	-	58	218	109	30.2	1.3	3.3	18.2
5% LSD	2031.8			26.5	19.3				
C.V.	57.4			8.9	12.7				

TABLE: 256-V-83

EVT16A YEAR 1983 ARGENTINA LEALES

CO-OPERATOR: AGR. LUIS GERONIMO GOMEZ

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	STEM LODG	PLANTS HARV	EARS/ PLNT	MOIST %
1 Sete Lagoas 8033	4107	69	12.9	33.3	0.9	17.0
11 Across 7845 RE	3929	66	21.0	30.8	0.9	17.5
4 Guaira 8045	3682	62	22.4	32.0	0.8	17.5
2 La Molina (1) 8033	3615	61	10.3	29.0	1.0	18.0
3 Across 8033	3410	57	9.7	31.0	0.8	15.5
12 Across 7748 RE	3365	56	28.4	26.8	0.9	17.5
8 Pirsabak 8146	3137	52	20.6	28.3	0.9	17.0
5 Capinopolis 8146	3096	52	13.7	30.8	0.9	16.5
6 La Molina 8146	2720	46	16.9	27.0	0.9	16.7
10 Across 8146	2707	45	30.3	30.5	0.9	16.0
9 Coimbatore 8146	2683	45	14.1	28.5	0.9	16.0
7 Tlaltizapan 8146	2485	42	17.4	28.8	0.9	17.4
MEANS	3245	54	19.0	29.7	0.9	16.9
MAXIMUM	4107	69	30.6	33.3	1.0	18.0
MINIMUM	2485	42	9.7	26.8	0.8	15.5
CHECKS (TESTIGOS):						
14 TROPICO 228	5975	-	17.1	33.5	1.1	20.5
13 LEALES 25	5282	-	9.4	35.0	0.9	17.5
15 TEA-64	4899	-	21.1	28.8	1.1	18.4
CHECK MEANS	5385	-	15.9	32.4	1.0	18.8
5% LSD	677.3			3.6		
C.V.	12.9			8.4		

TABLE: 257-V-83

EVT16A YEAR 1983 ARGENTINA BUENOS AIRES

CO-OPERATOR: CRIADERO MORGAN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PUCC	HUSK COVER	PLANTS HARV	PLANT ASPECT	EARS/ PLNT	MOIST %
7 Tlaltizapan 8146	1466	54	169	75	28.9	3.8	2.8	4.8	28.8	4.5	0.7	12.9
11 Across 7845 RE	1418	52	181	84	28.8	3.7	2.0	3.3	33.5	4.0	0.5	14.3
6 La Molina 8146	1371	50	168	90	30.4	5.7	2.5	2.8	30.5	4.3	0.6	12.6
8 Pirsabak 8146	1362	50	149	74	30.2	6.9	2.0	3.0	29.0	4.3	0.6	14.7
1 Sete Lagoas 8033	1311	48	176	94	17.9	9.2	2.5	4.3	30.5	4.5	0.6	13.3
2 La Molina (1) 8033	1250	46	175	89	13.5	13.1	2.0	2.5	32.0	3.5	0.5	14.1
12 Across 7748 RE	1207	44	159	76	33.3	1.5	2.0	3.3	29.0	3.8	0.5	11.8
9 Coimbatore 8146	1111	41	158	78	25.4	4.9	3.0	2.3	24.8	4.3	0.6	13.4
4 Quaira 8045	1063	39	161	80	24.9	3.3	2.0	3.8	30.8	3.5	0.4	11.3
3 Across 8033	1013	37	176	93	21.3	5.1	2.0	3.0	30.5	3.8	0.5	13.4
10 Across 8146	928	34	176	90	28.0	8.2	2.0	3.5	28.0	4.5	0.6	12.1
5 Capinopolis 8146	908	33	154	71	26.9	10.9	3.0	3.8	26.5	4.3	0.5	11.6
MEANS	1201	44	167	83	25.8	6.4	2.3	3.3	29.5	4.1	0.5	13.0
MAXIMUM	1466	54	181	94	33.3	13.1	3.0	4.8	33.5	4.5	0.7	14.7
MINIMUM	908	33	149	71	13.5	1.5	2.0	2.3	24.8	3.5	0.4	11.3
CHECKS (TESTIGOS):												
13 MORGAN 400	2739	-	169	84	28.7	6.6	2.0	2.8	30.8	3.3	0.9	16.5
15 DEKALB 4F-34	2292	-	185	103	42.3	7.1	2.0	3.3	33.3	3.8	0.7	13.6
14 CARGILL TRIHIB 81	2109	-	171	90	18.1	4.4	2.0	2.3	33.8	4.5	0.7	13.0
CHECK MEANS	2380	-	175	92	29.7	6.0	2.0	2.8	32.6	3.8	0.7	14.4
5% LSD	684.5		10.7	9.6					4.2			
C.V.	33.4		4.4	8.0					9.9			

TABLE: 258-V-83

EVT16A YEAR 1983 ARGENTINA GONZALEZ

CO-OPERATOR: CARGIL ARGENTINA BA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	STEM LODG	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
4 Guaira 8045	4565	79	6.2	40.8	3.0	3.0	1.0	21.2
11 Across 7845 RE	4261	73	19.2	39.3	3.0	4.0	1.0	21.7
2 La Molina (1) 8033	3896	67	9.6	39.8	3.0	3.0	1.0	21.0
1 Sete Lagoas 8033	3520	61	6.4	39.8	3.0	3.0	1.0	19.8
12 Across 7748 RE	3408	59	24.6	39.8	4.0	4.0	0.9	18.0
8 Pirsabak 8146	3094	53	25.3	38.8	4.0	5.0	1.0	17.4
3 Across 8033	3087	53	15.3	40.0	3.0	3.0	0.9	21.6
6 La Molina 8146	2966	51	31.1	38.3	4.0	3.0	1.1	17.3
5 Capinopolis 8146	2962	51	34.2	40.8	4.0	4.0	1.0	17.9
9 Coimbatore 8146	2809	48	33.3	39.3	4.0	5.0	1.0	17.1
7 Tlaltizapan 8146	2674	46	25.0	38.3	4.0	4.0	1.0	18.0
10 Across 8146	2452	42	56.6	40.8	4.0	4.0	0.9	16.6
MEANS	3308	57	23.9	39.6	3.6	3.8	1.0	19.0
MAXIMUM	4565	79	56.6	40.8	4.0	5.0	1.1	21.7
MINIMUM	2452	42	6.2	38.3	3.0	3.0	0.9	16.6
CHECKS (TESTIGOS):								
15 TROPICO228	5810	-	3.9	42.3	2.0	2.0	1.1	24.7
13 H.D. EXP48003	5751	-	9.1	40.0	2.0	2.0	1.2	23.1
14 3W EXP38004	5455	-	3.1	41.5	2.0	2.0	1.1	24.3
CHECK MEANS	5672	-	6.1	41.3	2.0	2.0	1.1	24.0
5% LSD	697.1			3.0				1.6
C.V.	12.9			5.2				5.4

TABLE: 259-V-83

EVT16A YEAR 1983 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	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
4 Guaira 8045	6528	103	57	190	95	2.4	0.0	12.4	34.0	2.0	2.5	78.[illegible]	1.2	17.0
3 Across 8033	6479	102	57	205	113	2.5	0.0	9.6	38.3	1.3	2.3	82.[illegible]	1.1	16.5
2 La Molina (1) 8033	6152	97	56	200	110	2.7	0.0	7.8	38.0	1.2	2.3	79.[illegible]	1.2	15.5
11 Across 7845 RE	6109	97	57	203	105	5.9	0.8	13.4	36.8	2.3	2.5	80.[illegible]	1.1	17.9
1 Sete Lagoas 8033	6072	96	56	183	98	1.7	0.0	12.6	40.5	1.3	2.3	80.[illegible]	1.1	16.1
10 Across 8146	5718	90	56	183	93	2.5	0.0	11.5	40.3	3.0	2.8	80.[illegible]	1.3	16.1
12 Across 7748 RE	5649	89	57	185	98	3.5	0.8	13.3	35.5	2.3	2.8	77.[illegible]	1.2	15.7
8 Pirsabak 8146	5527	87	56	195	98	2.7	1.4	9.3	38.3	2.0	2.5	81.[illegible]	1.3	16.0
6 La Molina 8146	5123	81	55	190	103	5.9	0.0	11.4	36.5	2.3	2.8	83.[illegible]	1.3	16.2
5 Capinopolis 8146	5113	81	55	185	98	4.3	0.7	16.1	36.8	2.3	3.0	73.[illegible]	1.3	16.4
9 Coimbatore 8146	4818	76	56	173	90	4.4	0.7	13.7	39.8	2.8	3.3	82.[illegible]	1.2	15.5
7 Tlaltizapan 8146	4450	70	56	180	93	3.9	0.0	6.5	38.0	2.3	3.3	81.[illegible]	1.3	15.2
MEANS	5645	89	56	189	99	3.5	0.4	11.5	37.7	2.1	2.7	80.[illegible]	1.2	16.2
MAXIMUM	6528	103	57	205	113	5.9	1.4	16.1	40.5	3.0	3.3	83.[illegible]	1.3	17.9
MINIMUM	4450	70	55	173	90	1.7	0.0	6.5	34.0	1.3	2.3	73.[illegible]	1.1	15.2
CHECKS (TESTIGOS).														
13 A. SUBTROPICAL IBOP	6321	-	59	220	123	6.3	0.0	9.6	32.5	2.0	1.8	69.[illegible]	1.3	18.8
15 COMPUESTO CONO SUI	5693	-	58	220	113	5.7	0.0	12.2	33.0	2.5	2.5	70.[illegible]	1.4	17.4
14 A. BAJIO IBOP	5191	-	58	200	108	3.0	0.6	15.7	33.8	1.8	2.0	74.[illegible]	1.0	17.4
CHECK MEANS	5735	-	58	213	114	5.0	0.2	12.5	33.1	2.1	2.1	71.[illegible]	1.2	17.8
5% LSD	1123.4		1.6	23.1	16.[illegible]				6.2					1.7
C.V	13.9		2.0	8.4	11.2				11.8					7.1

TABLE: 260-V-83

EVT16A YEAR 1983 BRAZIL CAPINOPOLIS

CO-OPERATOR: SEMENTES AGROCERES

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	HUSK COVER	ENDO HARD	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
4 Guaira 8045	6803	129	53	206	98	14.3	26.3	1.3	2.3	2.0	3.3	42.0	2.5	2.0	20.1
11 Across 7845 RE	6730	127	52	215	111	28.7	21.3	0.0	2.0	2.8	3.8	43.3	2.5	1.8	19.9
1 Sete Lagoas 8033	6304	119	52	196	94	22.2	26.7	2.4	2.5	2.3	2.0	44.0	2.0	1.8	20.8
3 Across 8033	5667	107	52	193	89	30.3	18.9	0.6	2.3	2.5	2.0	43.8	2.8	2.8	19.8
2 La Molina (1) 8033	5121	97	53	204	95	25.4	21.5	2.5	2.8	2.3	2.0	44.3	3.0	2.5	20.5
10 Across 8146	4789	91	47	188	90	19.8	10.2	2.9	3.5	3.0	2.0	44.3	4.0	3.3	17.4
5 Capinopolis 8146	4518	86	48	180	81	24.8	11.2	1.9	3.8	3.0	2.0	44.5	3.8	3.5	16.4
9 Coimbatore 8146	4252	81	46	175	81	20.0	5.7	5.1	3.8	2.0	2.3	43.8	4.3	3.8	14.8
8 Pirsabak 8146	4230	80	48	195	98	40.1	6.3	3.1	3.8	2.5	2.3	43.3	4.0	3.5	17.0
6 La Molina 8146	4095	78	47	186	88	30.4	5.7	4.0	4.0	2.8	2.0	44.3	4.0	3.8	17.7
7 Tlaltizapan 8146	3713	70	48	178	83	29.9	7.5	4.0	3.8	2.5	2.3	43.5	4.3	3.5	15.5
12 Across 7748 RE	3277	62	50	194	86	41.8	3.9	18.7	3.5	2.8	5.0	44.3	5.0	2.8	15.1
MEANS	4958	94	49	192	91	27.3	13.8	3.9	3.1	2.5	2.6	43.8	3.5	2.9	17.9
MAXIMUM	6803	129	53	215	111	41.8	26.7	18.7	4.0	3.0	5.0	44.5	5.0	3.8	20.8
MINIMUM	3277	62	46	175	81	14.3	3.9	0.0	2.0	2.0	2.0	42.0	2.0	1.8	14.8
CHECKS (TESTIGOS)															
15 AG 301	5280	-	63	239	138	91.3	0.6	0.0	1.8	1.3	3.3	41.8	2.3	2.3	13.5
13 AG 401	4970	-	63	243	141	83.3	1.8	0.0	2.0	1.0	2.0	42.3	3.3	2.3	13.3
14 AG 403	4620	-	64	241	141	80.9	1.2	0.0	1.8	1.3	2.0	42.3	3.3	2.3	14.1
CHECK MEANS	4957	-	63	240	140	85.2	1.2	0.0	1.8	1.2	2.4	42.1	2.9	2.3	13.6
5% LSD	660.9		1.4	14.1	12.4							2.1			
C.V.	9.3		1.9	4.9	8.6							3.4			

TABLE: 261-V-83

EVT16A YEAR 1983 BRAZIL BARRETOS

CO-OPERATOR: DEKALB

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
11 Across 7845 RE	4243	64	182	86	44.0	6.8	7.7	41.5	0.9	16.7
3 Across 8033	3941	60	174	85	41.7	2.0	11.6	37.5	1.0	17.1
4 Guaira 8045	3470	53	193	96	60.4	1.6	5.3	39.5	0.9	16.6
1 Sete Lagoas 8033	3141	48	186	93	39.3	4.5	6.5	41.0	1.0	16.6
10 Across 8146	2648	40	166	82	56.9	1.2	7.0	40.0	0.9	17.1
2 La Molina (1) 8033	2605	40	191	93	48.3	1.3	11.0	41.3	1.0	16.2
8 Pirsabak 8146	2593	39	176	84	58.9	1.3	9.3	40.5	0.9	16.6
6 La Molina 8146	2533	38	161	82	46.2	2.7	11.5	38.5	1.0	17.8
9 Coimbatore 8146	2382	36	167	78	56.7	9.2	13.3	40.5	0.9	17.3
5 Capinopolis 8146	2184	33	168	82	56.5	6.3	11.4	39.8	0.8	16.7
7 Tlaltizapan 8146	2030	31	165	78	53.8	0.0	13.6	38.8	0.9	17.0
12 Across 7748 RE	2006	30	178	83	53.4	1.2	35.1	37.8	1.0	17.2
MEANS	2815	43	176	85	51.3	3.2	11.9	39.7	0.9	16.9
MAXIMUM	4243	64	193	96	60.4	9.2	35.1	41.5	1.0	17.8
MINIMUM	2006	30	161	78	39.3	0.0	5.3	37.5	0.8	16.2
CHECKS (TESTIGOS):										
14 LOCAL CHECK 2	6587	-	252	144	15.0	15.4	6.5	38.8	1.1	16.2
15 LOCAL CHECK 3	6228	-	232	147	19.5	7.3	12.1	41.8	1.0	16.2
13 LOCAL CHECK 1	4299	-	214	121	16.9	23.5	5.5	41.0	1.0	16.3
CHECK MEANS	5705	-	232	137	17.1	15.4	8.1	40.5	1.0	16.2
5% LSD	774.3		12.8	8.3				6.0		1.5
C.V.	16.0		4.8	6.1				10.5		6.4

TABLE: 262-V-83

EVT16A YEAR 1983 BRAZIL PARANA

CO-OPERATOR: OCEPAR

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	ENDO HARD	PLANTS HARV	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
11 Across 7845 RE	5060	102	61	209	114	18.7	2.5	13.9	2.0	4.0	41.3	3.8	82.0	0.9	18.6
4 Guaira 8045	4953	100	62	189	120	14.9	1.9	9.4	2.3	3.5	40.0	3.0	83.3	1.0	18.8
3 Across 8033	3885	78	60	204	114	20.9	2.3	19.6	2.3	2.0	40.8	3.5	82.8	0.9	18.8
1 Sete Lagoas 8033	3852	78	61	195	116	22.3	4.9	8.5	3.3	2.0	41.3	3.5	82.8	0.9	18.1
2 La Molina (1) 8033	3482	70	63	188	108	18.0	4.3	15.0	3.0	2.0	40.5	3.3	81.0	0.9	18.5
10 Across 8146	3400	69	58	193	124	49.4	0.6	5.6	3.5	2.0	41.5	2.5	83.3	1.0	16.9
5 Capinopolis 8146	2986	60	59	179	108	42.0	6.3	8.6	3.8	2.0	39.0	3.0	82.3	1.0	16.6
6 La Molina 8146	2952	60	58	200	134	66.7	1.8	9.9	4.3	2.0	41.3	3.0	83.5	1.0	17.5
12 Across 7748 RE	2889	58	59	173	114	58.4	4.2	16.2	4.0	4.0	41.3	4.0	82.3	0.9	16.9
8 Pirsabak 8146	2502	50	60	186	106	47.0	3.7	12.4	4.0	2.0	41.0	3.5	81.5	0.9	17.3
9 Coimbatore 8146	2293	46	57	193	98	62.4	1.7	8.1	4.8	2.0	41.3	3.3	81.8	1.0	16.8
7 Tlaltizapan 8146	2280	46	59	191	108	56.3	3.3	8.8	4.8	2.0	38.8	3.0	82.3	1.0	17.3
MEANS	3378	68	60	192	113	39.8	3.1	11.3	3.5	2.5	40.6	3.3	82.4	1.0	17.7
MAXIMUM	5060	102	63	209	134	66.7	6.3	19.6	4.8	4.0	41.5	4.0	83.5	1.0	18.8
MINIMUM	2280	46	57	173	98	14.9	0.6	5.6	2.0	2.0	38.8	2.5	81.0	0.9	16.6
CHECKS (TESTIGOS):															
15 COMP PLTA BAIXA DEN	4960	-	75	245	148	12.0	23.1	6.9	2.0	4.0	40.0	2.5	78.8	0.9	22.3
14 PIRANAO VD-2	4810	-	73	201	110	13.8	14.0	4.9	2.0	4.0	36.0	2.5	77.5	1.0	23.3
13 ASTECA PROLIFICO	2819	-	77	260	198	10.2	46.3	2.9	2.0	4.0	38.0	2.5	78.8	0.9	25.0
CHECK MEANS	4196	-	74	235	151	12.0	27.8	4.9	2.0	4.0	38.0	2.5	78.3	0.9	23.5
5% LSD	1066.4		2.3	31.5	24.1						2.7				1.3
C.V.	21.1		2.6	11.0	13.9						4.7				4.8

TABLE: 263-V-83

EVT16A YEAR 1983 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	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
11 Across 7845 RE	5004	76	58	180	98	9.3	2.5	65.4	2.8	40.3	3.0	46.1	3.3	1.0	17.8
1 Sete Lagoas 8033	4951	75	58	178	98	9.5	3.6	63.0	2.5	42.0	3.3	40.8	3.8	1.0	17.6
3 Across 8033	4620	70	59	190	98	10.5	3.2	58.1	2.8	39.0	3.3	22.5	3.5	1.0	17.0
4 Guaira 8045	4539	69	57	170	95	11.0	10.0	64.1	2.5	41.3	3.3	26.9	3.0	1.0	17.3
2 La Molina (1) 8033	3730	57	58	165	90	10.3	2.3	65.4	2.3	40.8	3.5	28.5	3.8	0.9	18.5
9 Coimbatore 8146	3659	56	56	163	93	15.1	8.8	70.9	3.5	41.5	3.5	24.4	4.3	1.0	17.2
6 La Molina 8146	3522	54	56	173	98	13.7	4.2	67.9	3.0	42.3	3.3	28.1	4.3	0.9	18.1
5 Capinopolis 8146	3518	54	57	163	93	14.1	6.7	68.1	2.5	38.3	3.0	37.7	3.8	1.1	18.1
10 Across 8146	3455	53	55	138	80	9.1	2.3	81.0	2.8	40.3	3.5	25.7	4.0	1.0	18.0
8 Pirsabak 8146	3438	52	58	170	93	11.5	1.8	66.3	3.0	41.5	3.5	28.9	4.3	1.0	17.7
12 Across 7748 RE	3195	49	55	158	88	12.4	2.4	70.4	2.8	41.0	3.8	27.5	4.0	[illegible]	17.7
7 Tlaltizapan 8146	2958	45	56	148	83	10.9	1.8	70.4	3.3	41.5	3.8	42.4	4.0	0.9	17.7
MEANS	3882	59	57	166	92	11.4	4.1	67.6	2.8	40.8	3.4	31.6	3.8	1.0	17.7
MAXIMUM	5004	76	59	190	98	15.1	10.0	81.0	3.5	42.3	3.8	46.1	4.3	1.1	18.5
MINIMUM	2958	45	55	138	80	9.1	1.8	58.1	2.3	38.3	3.0	22.5	3.0	0.9	17.0
CHECKS (TESTIGOS):															
13 PIONEER 6875	6568	-	70	205	108	7.2	4.0	49.3	1.8	45.3	3.0	20.3	2.3	1.0	16.9
15 CENTRALMEX	4930	-	79	218	123	14.8	4.7	25.0	1.5	39.3	2.3	20.5	3.5	1.0	18.1
14 GUARANI V-311	4771	-	79	248	138	30.4	10.2	17.8	1.8	38.3	2.0	8.8	3.0	1.1	18.0
CHECK MEANS	5423	-	76	223	122	17.5	6.3	30.7	1.7	40.9	2.4	16.5	2.9	1.1	17.6
5% LSD	1315.2		2.4	36.8	20.2					4.5					1.1
C. V.	22.0		2.8	14.5	14.4					7.7					4.4

TABLE: 264-V-83

EVT16A YEAR 1983 QATAR RAWDAT HARMA

CO-OPERATOR: O. H. KHALIL AND A. H. ALI

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
12 Across 7748 RE	6455	151	59	224	105	3.1	2.9	9.9	42.0	1.8	32.7	2.5	82.8	0.9
6 La Molina 8146	6121	143	53	209	103	5.8	5.9	1.0	42.3	1.8	19.5	2.5	84.3	1.0
2 La Molina (1) 8033	6030	141	62	223	110	1.7	2.3	1.9	43.3	1.8	21.5	2.3	86.0	0.9
11 Across 7845 RE	5970	140	63	234	119	0.0	7.5	4.4	42.3	1.8	31.1	2.5	84.3	0.9
9 Coimbatore 8146	5879	138	53	188	88	11.9	2.3	1.9	41.8	1.5	19.8	2.0	82.5	0.9
8 Pirsabak 8146	5758	135	53	206	108	8.7	2.5	4.0	41.0	1.5	17.0	2.5	84.3	1.0
1 Sete Lagoas 8033	5758	135	62	206	105	4.1	2.4	0.0	43.3	1.3	14.4	2.5	86.0	0.9
4 Quaira 8045	5727	134	63	206	93	1.2	6.4	2.9	41.3	1.8	17.2	3.0	82.0	0.9
3 Across 8033	5636	132	61	205	108	0.0	1.1	4.0	42.5	1.5	14.4	2.5	83.5	0.9
10 Across 8146	5394	126	54	184	103	5.2	3.5	2.9	42.8	1.5	18.7	2.5	86.8	1.0
7 Tlaltizapan 8146	5303	124	53	188	89	4.8	2.3	1.2	42.3	1.5	15.4	2.0	85.0	0.9
5 Capinopolis 8146	5030	118	55	201	99	4.1	3.5	2.5	42.3	1.8	20.2	2.5	84.8	1.0
MEANS	5755	135	58	206	102	4.2	3.6	3.0	42.2	1.6	20.1	2.4	84.3	0.9
MAXIMUM	6455	151	63	234	119	11.9	7.5	9.9	43.3	1.8	32.7	3.0	86.8	1.0
MINIMUM	5030	118	53	184	88	0.0	1.1	0.0	41.0	1.3	14.4	2.0	82.0	0.9
CHECKS (TESTIGOS):														
14 PIONEER	4273	-	72	233	124	0.0	3.2	0.0	38.0	1.8	1.4	2.5	77.5	0.9
13 UNKNOWN LOCAL VTY.	4061	-	64	256	134	0.0	24.0	0.0	38.8	2.3	0.0	3.8	78.5	0.7
15 UNKNOWN LOCAL VTY.	3758	-	64	273	139	1.3	21.8	0.0	38.0	1.8	0.7	4.3	75.8	0.7
CHECK MEANS	4030	-	66	253	132	0.4	16.4	0.0	38.3	1.9	0.7	3.5	77.3	0.8
5% LSD	1005.6		1.6	23.9	16.4				2.8					
C.V.	13.0		1.8	7.8	10.6				4.8					

TABLE: 265-V-83

EVT16A YEAR 1983 SIERRA LEONE NJALA

CO-OPERATOR: ACRE PROJECT

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 %
4 Guaira 8045	2538	102	54	163	76	4.5	3.1	36.8	1.3	34.0	1.3	1.5	1.0	33.9
11 Across 7845 RE	2497	101	53	164	83	7.8	2.7	19.8	1.5	35.5	1.5	1.8	1.0	38.8
6 La Molina 8146	2268	91	52	142	67	8.9	2.8	36.2	1.8	35.5	2.3	2.5	1.0	36.2
1 Sete Lagoas 8033	2109	85	53	135	61	8.0	3.8	30.0	1.3	34.3	2.0	2.3	1.0	32.8
2 La Molina (1) 8033	2095	84	54	148	67	1.6	1.6	18.6	1.3	35.0	1.5	1.8	1.0	36.1
3 Across 8033	2084	84	54	170	64	2.0	2.7	24.0	1.5	35.8	1.8	2.3	1.0	35.9
13 Local Check	2034	82	53	178	99	0.9	0.9	19.1	1.3	32.0	1.3	1.8	1.0	35.7
12 Across 7748 RE	1827	74	53	149	66	7.4	1.3	32.7	1.5	32.8	2.8	3.0	1.0	34.1
9 Coimbatore 8146	1613	65	52	133	54	11.5	5.5	43.0	1.8	31.5	2.0	2.3	1.0	37.8
8 Pirsabak 8146	1536	62	52	133	55	15.7	0.8	26.3	1.3	33.0	2.5	2.3	1.0	36.5
10 Across 8146	1508	61	52	131	52	11.4	6.2	38.2	1.5	28.8	2.3	2.3	1.1	33.5
5 Capinopolis 8146	1439	58	52	133	54	11.7	1.5	29.3	1.3	30.8	2.3	2.8	1.0	35.0
7 Tlaltizapan 8146	1327	53	52	128	57	9.6	6.5	22.6	1.0	31.0	2.0	2.0	1.6	34.5
MEANS	1913	77	53	147	66	7.8	3.0	29.0	1.4	33.1	1.9	2.2	1.0	35.4
MAXIMUM	2538	102	54	178	99	15.7	6.5	43.0	1.8	35.8	2.8	3.0	1.6	38.8
MINIMUM	1327	53	52	128	52	0.9	0.8	18.6	1.0	28.8	1.3	1.5	1.0	32.8
CHECKS (TESTIGOS):														
15 TALCOO	2480	-	54	168	92	6.6	3.6	17.0	1.0	30.8	1.3	1.3	1.0	34.2
14 WESTERN YELLOW	2414	-	53	184	104	2.9	0.0	16.2	1.3	34.3	1.3	1.5	1.0	35.1
CHECK MEANS	2447	-	53	176	98	4.7	1.8	16.6	1.1	32.5	1.3	1.4	1.0	34.7
5% LSD	595.2		1.8	24.4	12.6					5.4				4.7
C.V.	21.0		2.4	11.4	12.6					11.5				9.4

TABLE: 266-V-83

EVT16A YEAR 1983 SIERRA LEONE MOYAMBA

CO-OPERATOR: ACRE PROJECT

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 %
4 Guaira 8045	1557	158	40	167	75	1.4	0.7	10.5	1.3	35.0	1.0	1.0	1.0	34.1
11 Across 7845 RE	1518	154	40	163	77	0.0	0.7	12.9	1.5	35.0	1.3	1.3	1.0	35.6
13 Local Check	1242	126	58	188	88	7.6	1.7	20.4	1.5	28.3	2.3	2.3	1.0	37.9
3 Across 8033	1233	125	41	162	68	4.2	0.7	8.4	1.5	35.8	2.0	1.8	1.0	30.9
1 Sete Lagoas 8033	1163	118	41	147	64	8.5	3.8	13.8	1.8	32.5	1.5	1.8	1.0	34.7
2 La Molina (1) 8033	1085	110	40	155	62	5.7	3.1	5.9	2.3	31.8	2.0	2.0	1.0	27.6
10 Across 8146	893	91	41	147	62	4.7	3.0	10.0	1.3	31.5	2.3	2.5	1.0	33.4
5 Capinopolis 8146	848	86	40	149	46	5.7	3.3	14.1	1.5	33.0	2.3	2.3	1.0	34.2
6 La Molina 8146	847	86	41	144	58	4.3	4.7	12.3	2.3	34.3	2.3	2.3	1.0	34.6
7 Tlaltizapan 8146	811	82	41	138	51	5.7	4.3	13.1	2.0	30.3	2.0	2.3	1.0	35.6
12 Across 7748 RE	779	79	40	161	70	8.3	5.5	14.0	2.5	32.3	2.5	2.5	1.0	35.9
9 Coimbatore 8146	702	71	40	146	54	7.6	0.0	13.9	2.0	32.0	2.5	2.5	1.0	32.6
8 Pirsabak 8146	684	69	40	142	54	5.6	2.4	9.6	2.0	32.3	2.8	2.5	1.0	34.5
MEANS	1028	104	42	155	64	5.3	2.6	12.2	1.8	32.[illegible]	2.0	2.1	1.0	33.9
MAXIMUM	1557	158	58	188	88	8.5	5.5	20.4	2.5	35.8	2.8	2.5	1.0	37.9
MINIMUM	684	69	40	138	46	0.0	0.0	5.9	1.3	28.3	1.0	1.0	1.0	27.6
CHECKS (TESTIGOS):														
15 TALCOO	986	-	57	188	82	8.3	4.6	11.7	1.8	22.5	2.0	2.0	1.0	42.5
14 WESTERN YELLOW (1)	918	-	58	172	89	9.2	8.5	12.4	1.8	21.3	2.0	2.0	1.0	37.1
CHECK MEANS	952	-	57	179	85	8.8	6.6	12.0	1.8	21.9	2.0	2.0	1.0	39.8
5% LSD	385.6		2.1	17.8	12.2					5.1				4.8
C.V.	26.6		3.4	7.9	12.8					11.4				9.7

TABLE: 267-V-83

SVT16A YEAR 1983 ZAIRE GANDAJIKA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	VIRUS %	STEM LODG	ROOT LODG	%EAR ROT	SCLER %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
11 Across 7845 RE	5929	93	60	170	74	11.8	3.1	34.1	8.1	11.0	38.8	2.3	8.2	3.0	25.9
4 Quaira 8045	5661	88	57	163	64	5.0	5.1	27.1	1.3	14.0	38.0	1.8	6.1	2.0	29.0
3 Across 8033	4559	71	58	155	60	5.3	2.8	44.5	3.2	14.3	36.3	2.5	1.2	2.8	25.6
1 Sete Lagoas 8033	4498	70	58	136	54	11.8	11.3	33.3	2.6	17.7	36.0	2.3	0.0	2.5	26.1
5 Capinopolis 8146	4142	65	53	133	66	8.3	12.6	64.5	7.5	27.1	33.5	2.8	7.5	3.3	26.3
7 Tlaltizapan 8146	3833	60	51	135	61	5.3	11.5	76.4	12.0	28.6	33.0	3.0	3.5	4.3	25.4
2 La Molina (1) 8033	3743	58	58	161	78	10.0	4.6	55.8	7.9	11.4	37.8	2.8	7.8	3.3	29.0
8 Pirsabak 8146	3689	58	52	131	59	5.0	13.9	73.3	8.0	27.7	33.3	2.8	3.9	4.0	23.0
6 La Molina 8146	3634	57	52	135	58	9.5	8.5	74.5	5.8	18.6	35.3	3.3	5.2	3.8	21.9
12 Across 7748 RE	3277	51	56	149	60	7.0	8.0	53.4	8.6	25.2	34.0	3.5	8.0	3.5	25.7
9 Coimbatore 8146	3116	49	52	118	46	8.0	15.9	60.1	4.2	33.7	33.0	3.0	4.1	3.8	24.4
10 Across 8146	3006	47	55	131	64	9.8	4.5	47.2	3.1	30.2	33.3	3.3	3.0	4.0	24.2
MEANS	4091	64	55	143	62	8.0	8.5	53.7	6.0	21.6	35.2	2.8	4.9	3.3	25.5
MAXIMUM	5929	93	60	170	78	11.8	15.9	76.4	12.0	33.7	38.8	3.5	8.2	4.3	29.0
MINIMUM	3006	47	51	118	46	5.0	2.8	27.1	1.3	11.0	33.0	1.8	0.0	2.0	21.9
CHECKS (TESTIGOS):															
15 BUCK	6401	-	67	193	104	9.8	1.2	24.1	0.7	13.5	37.8	2.0	5.1	1.8	32.1
13 KASAI I	5648	-	68	191	91	8.3	0.0	18.1	0.0	29.2	32.8	2.0	0.7	2.0	34.7
14 SALONGO II	4788	-	68	173	88	7.0	0.0	19.4	2.3	15.2	23.5	1.8	5.0	2.0	37.2
CHECK MEANS	5612	-	67	185	94	8.3	0.4	20.5	1.0	19.3	31.3	1.9	3.6	1.9	34.7
5% LSD	1364.9		2.3	26.3	15.5						6.9				
C. V.	21.8		2.8	12.2	15.9						14.1				

TABLE: 268-V-83

EVT16A YEAR 1983 ZIMBABWE KADOMA

CO-OPERATOR: R. C. OLVER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
4 Quaira 8045	2271	66	185	94	4.6	0.0	0.9	43.8	2.5	4.0	0.6	11.5
1 Sete Lagoas 8033	2159	63	190	85	3.5	1.7	3.4	43.5	1.5	4.0	0.5	11.5
10 Across 8146	2124	62	195	84	3.4	1.2	3.4	43.3	2.0	4.0	0.6	11.4
11 Across 7845 RE	2113	62	187	100	11.6	0.0	2.3	43.0	2.0	4.0	0.5	11.8
6 La Molina 8146	1904	56	196	87	8.0	0.6	6.1	44.0	2.3	4.0	0.5	11.6
2 La Molina (1) 8033	1867	54	198	95	2.4	0.0	3.2	42.5	2.3	4.0	0.6	11.5
9 Coimbatore 8146	1788	52	197	83	4.6	1.8	5.6	42.5	2.0	4.0	0.5	11.7
5 Capinopolis 8146	1687	49	196	88	6.3	0.0	1.0	43.8	2.5	4.0	0.5	11.7
7 Tlaltizapan 8146	1542	45	195	78	2.8	0.0	3.8	43.0	1.8	4.0	0.4	11.4
12 Across 7748 RE	1490	43	195	82	9.3	3.0	1.9	43.0	2.8	4.0	0.4	11.4
3 Across 8033	1337	39	183	88	7.6	1.8	3.4	42.8	2.8	4.0	0.5	11.6
8 Pirsabak 8146	1250	36	195	86	3.4	1.1	7.3	44.0	2.0	4.0	0.4	11.5
MEANS	1794	52	193	87	5.6	0.9	3.5	43.3	2.2	4.0	0.5	11.5
MAXIMUM	2271	66	198	100	11.6	3.0	7.3	44.0	2.8	4.0	0.6	11.8
MINIMUM	1250	36	183	78	2.4	0.0	0.9	42.5	1.5	4.0	0.4	11.4
CHECKS (TESTIGOS):												
14 ZS107	3429	-	215	105	3.4	0.0	20.9	44.0	2.8	3.0	0.6	14.2
13 G.R.52	3364	-	213	101	1.8	0.0	4.1	42.8	2.0	3.0	0.6	13.6
15 ZS225	1519	-	216	99	0.6	0.0	9.1	43.5	2.5	4.0	0.6	11.2
CHECK MEANS	2771	-	214	101	1.9	0.0	11.4	43.4	2.4	3.3	0.6	13.0
5% LSD	685.7		9.0	8.6				1.7				0.6
C.V.	24.2		3.2	6.7				2.7				3.5

TABLE: 269-V-83

EVT16A YEAR 1983 BURMA HEHO

CO-OPERATOR: DR. TUN SAING + UMAW KYI

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	PLNTS GERM	EARS/ PLNT	MOIST %
4 Guaira 8045	7593	96	53	182	77	6.5	5.1	3.8	2.8	38.8	2.3	2.4	86.3	1.0	29.4
11 Across 7845 RE	7453	94	56	193	89	6.8	4.7	3.8	3.3	37.0	2.4	2.3	84.5	1.2	30.5
3 Across 8033	6547	82	53	172	70	0.0	4.1	5.8	2.6	34.5	2.8	2.5	85.5	1.2	28.9
1 Sete Lagoas 8033	6251	79	52	176	75	0.0	11.5	2.7	3.5	38.8	3.1	2.4	86.8	1.0	27.9
2 la Molina (1) 8033	5971	75	55	178	71	2.6	6.4	2.5	3.5	35.8	2.5	2.9	85.0	1.1	28.6
5 Capinopolis 8146	4670	59	46	163	63	4.2	21.2	5.4	4.1	37.5	3.3	3.3	87.8	1.1	26.8
6 la Molina 8146	4530	57	46	168	70	6.5	14.7	4.0	3.9	37.0	3.3	3.3	87.5	1.2	26.4
12 Across 7748 RE	4432	56	50	181	72	16.3	16.6	20.9	3.6	36.8	3.0	2.9	86.3	1.1	29.0
10 Across 8146	4117	52	45	155	65	0.6	20.7	10.0	3.8	38.3	3.0	3.5	86.0	1.1	27.5
7 Tlaltizapan 8146	3885	49	45	158	62	8.9	21.9	9.1	4.4	33.5	3.5	4.0	85.0	1.1	25.7
8 Pirsabak 8146	3770	47	46	167	67	4.2	18.0	7.1	4.0	33.0	3.4	4.0	84.5	1.2	26.8
9 Coimbatore 8146	3645	46	43	167	61	2.3	30.4	11.2	4.8	31.3	3.5	4.0	83.8	1.2	26.5
MEANS	5239	66	49	172	70	4.9	14.6	7.2	3.7	36.0	3.0	3.1	85.7	1.1	27.9
MAXIMUM	7593	96	56	193	89	16.3	30.4	20.9	4.8	38.8	3.5	4.0	87.8	1.2	30.5
MINIMUM	3645	46	43	155	61	0.0	4.1	2.5	2.6	31.3	2.3	2.3	83.8	1.0	25.7
CHECKS (TESTIGOS):															
13 SHWE WAR 1	7949	-	61	208	100	14.0	0.0	3.4	2.9	38.0	2.5	2.5	79.8	1.2	30.5
15 A-CRF	7314	-	62	209	109	2.1	3.7	0.0	2.3	36.3	2.6	2.5	75.5	1.1	30.5
14 SHWE WAR 8	7051	-	56	160	68	10.3	1.2	1.7	3.3	39.8	3.0	2.4	81.5	1.1	29.3
CHECK MEANS	7438	-	59	192	92	8.8	1.6	1.7	2.8	38.0	2.7	2.5	78.9	1.1	30.1
5% LSD	1164.9		3.0	12.6	11.1					5.3					2.1
C.V.	14.4		4.2	5.1	10.4					10.2					5.1

TABLE: 270-V-83 TRIAL: EVT16A

YEAR: 1983 MEANS ACROSS 17 LOCATIONS

ENTRY NO. AND NAME	KG./HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
11 Across 7845 RE	4697	Amarillo Bajío	100	60	186
4 Guaira 8045	4562	" "	97	59	177
1 Sete Lagoas 8033	4131	Amarillo Subtropical	88	58	174
3 Across 8033	4103	" "	87	58	178
2 La Molina (1) 8033	3905	" "	83	59	181
6 La Molina 8146	3311	Temp. Amarillo Cristalino	70	54	169
5 Capinopolis 8146	3306	" " "	70	55	166
10 Across 8146	3263	" " "	69	54	163
12 Across 7748 RE	3255	Compuesto de Hungría	69	57	172
8 Pirsabak 8146	3245	Temp. Amarillo Cristalino	69	55	169
9 Coimbatore 8146	3010	" " "	64	53	160
7 Tlaltizapan 8146	2920	" " "	62	54	161

TABLE: 271-V-83

EVT16B YEAR 1983 ARGENTINA PERGAMINO

CO-OPERATOR: R. SAN BECELAERE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	EARS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
8 Across 7844 RE	2967	50	65	233	133	25.0	4.0	2.0	21.7
7 Across 7734 RE	2658	44	62	213	118	18.0	2.0	4.0	20.2
3 Tlaltizapan 8134	2494	42	62	220	123	20.5	2.0	2.0	20.0
1 San Jeronimo 8134	2291	38	63	213	103	21.8	3.0	3.0	19.4
5 Nazareth 8134	2027	34	62	220	120	20.8	3.0	2.0	20.1
2 San jeronimo (1)8134	1800	30	63	205	120	18.5	3.0	4.0	20.4
6 Celaya 8047	1554	26	60	193	88	17.3	4.0	4.0	19.3
4 Shaka (1) 8134	1273	21	67	215	118	16.3	4.0	1.0	21.4
MEANS	2133	36	63	214	115	19.2	3.1	2.8	20.3
MAXIMUM	2967	50	67	233	133	25.0	4.0	4.0	21.7
MINIMUM	1273	21	60	193	88	16.3	2.0	1.0	19.3
CHECKS (TESTIGOS):									
10 CARGILL 360	5986	-	57	218	105	37.0	2.0	5.0	17.7
9 AGUAIA INTA	5031	-	58	198	100	31.0	2.0	2.0	18.5
CHECK MEANS	5508	-	57	207	102	34.0	2.0	3.5	18.1
5% LSD	1359.4			21.9	14.8				
C.V.	33.4			7.1	9.1				

TABLE: 272-V-83

EVT168 YEAR 1983 ARGENTINA BUENOS AIRES

CO-OPERATOR: CRIADERO MORGAN

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PUCC	PLANTS HARV	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
8 Across 7844 RE	1408	44	193	91	15.9	3.7	1.8	32.5	0.0	4.5	0.6	13.4
1 San Jeronimo 8134	1384	40	200	91	18.8	2.4	1.8	31.5	4.5	4.0	0.5	13.4
5 Nazareth 8134	1179	37	189	85	22.6	4.1	1.8	30.8	4.6	4.0	0.6	12.9
2 San Jeronimo (1)8134	946	29	195	96	12.6	4.7	2.0	32.3	1.5	4.5	0.5	12.7
7 Across 7734 RE	848	26	191	88	13.6	3.1	2.3	33.0	1.2	4.3	0.5	12.6
3 Tlaltizapan 8134	800	25	199	94	21.7	0.0	1.8	31.5	12.5	4.5	0.4	12.4
4 Shall 1 8134	757	23	199	91	16.5	4.2	1.5	29.5	0.0	4.5	0.6	14.4
6 Celaya 8047	449	14	173	79	13.1	2.2	1.5	35.0	6.2	4.3	0.3	17.1
MEANS	959	30	192	89	16.9	3.1	1.8	32.0	3.8	4.3	0.5	13.7
MAXIMUM	1408	44	200	96	22.6	4.7	2.3	35.0	12.5	4.5	0.6	17.1
MINIMUM	449	14	173	79	12.6	0.0	1.5	29.5	0.0	4.0	0.3	12.4
CHECKS (TESTIGOS)												
9 MORGAN 400	3224	-	178	75	18.4	2.4	2.3	33.3	6.5	3.0	0.9	13.7
10 CARGILL TRIHIB 31	2717	-	185	83	16.3	0.7	2.0	34.0	5.5	3.3	0.7	12.6
CHECK MEANS	2971	-	181	78	17.5	1.6	2.1	33.6	6.0	3.1	0.8	13.2
5% LSD	1036.3		10.9	9.8				4.5				
C.V.	52.5		4.0	7.8				9.7				

TABLE: 273-V-83

EVT16B YEAR 1983 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	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
8 Across 7844 RE	10195	105	66	248	145	0.0	0.0	11.7	41.0	1.3	1.3	78.5	1.1	21.0
7 Across 7734 RE	9944	102	64	240	138	1.2	1.2	23.1	41.8	2.0	1.8	82.5	1.2	19.9
1 San Jeronimo 8134	9364	96	64	224	133	0.5	0.0	19.1	40.8	1.8	1.5	81.0	1.2	21.8
2 San jeronimo (1)8134	9165	94	64	238	135	0.0	0.6	21.2	41.0	2.3	2.3	81.0	1.2	20.9
4 Shaka (1) 8134	8933	92	64	225	123	0.6	0.0	18.6	41.8	2.0	1.8	83.0	1.2	20.1
3 Tlaltizapan 8134	8625	89	64	226	123	0.6	0.0	16.8	40.5	2.0	1.5	79.5	1.1	21.6
6 Celaya 8047	8435	87	58	190	105	0.5	0.0	26.3	41.8	2.5	2.3	82.5	1.1	18.1
5 Nazareth 8134	8206	84	64	223	118	0.5	0.0	20.2	42.5	3.0	2.3	82.0	1.1	21.5
MEANS	9108	94	64	227	127	0.5	0.2	19.6	41.4	2.1	1.8	81.7	1.1	20.6
MAXIMUM	10195	105	66	248	145	1.2	1.2	26.3	42.5	3.0	2.3	83.0	1.2	21.8
MINIMUM	8206	84	58	190	105	0.0	0.0	11.7	40.5	1.3	1.3	78.5	1.1	18.1
CHECKS (TESTIGOS):														
10 BLANCO DENTADO	9712	-	70	253	168	0.0	0.0	5.3	34.5	1.3	1.0	63.5	1.1	22.1
9 MEZCLA BLANCA IBOP	8953	-	68	248	148	1.3	1.4	16.6	34.5	1.3	1.0	62.3	1.1	22.6
CHECK MEANS	9332	-	69	250	157	0.6	0.7	11.0	34.5	1.3	1.0	62.9	1.1	22.3
5% LSD	1530.5		1.3	23.1	31.7				3.9					2.7
C.V	11.5		1.4	6.9	16.4				6.7					9.0

TABLE: 274-V-83

EVT16B YEAR 1983 MEXICO CD. OBREGON

CO-OPERATOR: O. COTA Y J. M. VALENZUELA

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 %
7 Across 7734 RE	8365	93	73	204	111	0.5	6.0	6.0	41.5	3.9	14.9	3.0	1.1	24.3
8 Across 7844 RE	8289	92	73	211	115	1.1	5.1	3.4	41.3	3.9	11.1	3.4	1.1	27.2
3 Tlaltizapan 8134	8040	89	70	194	99	1.5	3.5	0.0	37.8	4.3	10.4	3.1	1.2	23.6
4 Shaka (1) 8134	7966	88	70	195	105	3.3	1.9	2.8	39.3	3.9	11.0	3.3	1.1	23.1
1 San Jeronimo 8134	7808	86	70	194	99	0.0	1.4	2.1	37.5	4.0	20.7	3.1	1.2	25.0
5 Nazareth 8134	7761	86	71	194	105	0.0	2.6	0.0	39.8	4.0	8.2	3.1	1.1	22.7
2 San jeronimo (1)8134	7535	83	70	195	111	1.4	2.6	4.7	38.3	3.6	17.9	3.4	1.2	23.9
6 Celaya 8047	6367	70	70	171	96	0.6	1.2	4.7	39.3	3.5	13.4	2.9	1.1	19.8
MEANS	7766	86	71	195	105	1.0	3.0	2.9	39.3	3.9	13.4	3.2	1.1	23.7
MAXIMUM	8365	93	73	211	115	3.3	6.0	6.0	41.5	4.3	20.7	3.4	1.2	27.2
MINIMUM	6367	70	70	171	96	0.0	1.2	0.0	37.5	3.5	8.2	2.9	1.1	19.8
CHECKS (TESTIGOS):														
10 PR8022	9037	-	75	195	106	1.2	7.0	3.0	42.5	4.5	6.5	3.5	1.2	27.4
9 V-455	8107	-	78	196	114	1.7	2.9	1.6	39.8	3.8	14.5	3.4	1.1	28.9
CHECK MEANS	8572	-	76	195	110	1.5	4.9	2.3	41.1	4.1	10.5	3.4	1.1	28.2
5% LSD	1127.9		3.4	20.9	23.1				5.6					2.3
C.V.	9.8		3.2	7.4	15.0				9.7					6.3

TABLE: 275-V-83

EVT16B YEAR 1983 BURUNDI IMBO

CO-OPERATOR: R. ZEIGLER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H.C	PLANT ASPECT	PLNTS GERM	MOIST %
8 Across 7844 RE	5596	107	69	126	63	2.0	0.0	0.0	4.8	40.0	1.0	5.2	1.0	82.8	30.5
1 San Jeronimo 8134	5248	101	65	117	58	0.0	0.0	0.0	2.5	38.0	1.0	8.0	1.0	77.3	29.4
3 Tlaltizapan 8134	5081	98	63	112	48	0.0	0.0	0.7	4.5	41.8	1.0	10.2	1.0	84.5	27.2
5 Nazareth 8134	4774	92	65	107	51	0.0	0.0	0.0	3.8	41.0	2.0	7.4	2.0	82.3	26.9
6 Celaya 8047	4567	88	58	97	45	0.0	0.0	0.0	4.0	40.3	1.0	7.2	1.0	80.5	22.9
7 Across 7734 RE	4546	87	65	115	54	0.0	0.0	0.0	3.5	34.5	1.0	5.8	1.0	68.8	28.2
2 San jeronimo (1)8134	4521	87	64	105	50	0.0	0.0	0.0	2.0	42.0	3.0	9.5	3.0	85.5	24.3
4 Shaka (1) 8134	4340	83	64	109	46	0.0	0.0	0.0	4.5	37.3	3.0	5.4	3.0	78.3	28.1
MEANS	4834	93	64	111	52	0.2	0.0	0.1	3.7	39.3	1.6	7.3	1.6	80.0	27.2
MAXIMUM	5596	107	69	126	63	2.0	0.0	0.7	4.8	42.0	3.0	10.2	3.0	85.5	30.5
MINIMUM	4340	83	58	97	45	0.0	0.0	0.0	2.0	34.5	1.0	5.2	1.0	68.8	22.9
CHECKS (TESTIGOS):															
9 GPS 5	5208	-	70	147	84	7.2	0.0	0.0	0.5	37.0	3.0	0.6	3.0	72.3	28.3
10 ISEGA	3770	-	71	122	71	1.8	0.0	0.0	3.0	36.5	2.5	0.0	3.5	74.0	25.9
CHECK MEANS	4489	-	70	134	77	4.5	0.0	0.0	1.8	36.8	2.8	0.3	3.3	73.1	27.1
5% LSD	1176.5		3.1	14.7	12.5					5.2					
C.V	17.0		3.3	8.7	15.1					9.2					

TABLE: 276-V-83

EVT16B YEAR 1983 BURUNDI MOSSO

CO-OPERATOR: ZEIGLER

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC	HELM	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
3 Tlaltizapan 8134	10121	123	74	220	107	1.8	14.6	6.4	3.3	2.3	42.5	2.3	20.1	3.3	25.1
2 San jeronimo (1)8134	10052	122	75	217	109	2.9	23.9	5.2	3.8	3.0	41.8	2.3	12.1	3.3	25.1
8 Across 7844 RE	9621	117	81	231	113	4.7	20.1	1.7	3.3	2.0	38.8	2.0	14.4	3.0	27.8
6 Celaya 8047	9452	115	72	196	90	0.6	3.7	16.6	2.5	3.0	41.0	4.0	21.7	2.3	22.6
7 Across 7734 PE	9114	111	79	237	120	2.4	15.0	4.0	2.5	3.3	41.5	3.0	10.2	2.5	26.2
4 Shaka (1) 8134	9008	109	73	222	102	1.8	8.8	6.0	3.0	2.3	42.0	2.5	15.6	2.3	25.6
5 Nazareth 8134	8630	105	76	213	125	2.4	10.3	5.9	3.0	3.0	42.0	2.5	18.8	2.3	25.1
1 San Jeronimo 8134	8114	98	78	220	107	4.3	8.0	6.6	2.3	2.5	41.5	2.3	19.4	2.5	27.2
MEANS	9264	112	76	219	109	2.6	13.0	6.6	2.9	2.7	41.4	2.6	16.5	2.7	25.6
MAXIMUM	10121	123	81	237	125	4.7	23.9	16.6	3.8	3.3	42.5	4.0	21.7	3.3	27.8
MINIMUM	8114	98	72	196	90	0.6	3.7	1.7	2.3	2.0	38.8	2.0	10.2	2.3	22.6
CHECKS (TESTIGOS):															
10 BOMBON	8238	-	81	282	159	9.8	34.7	13.8	1.5	3.0	36.5	2.3	21.6	4.0	25.7
9 GPS4+SR52	7563	-	97	260	148	11.8	20.0	6.1	1.5	2.3	38.8	3.3	15.9	4.3	30.9
CHECK MEANS	7901	-	89	271	153	10.8	27.3	9.9	1.5	2.6	37.6	2.8	18.8	4.1	28.3
5% LSD	1671.2		3.7	21.6	25.3						3.7				
C.V	12.8		3.2	6.5	14.8						6.3				

TABLE: 277-V-83

EVT16B YEAR 1983 BURUNDI MURONGWE

CO-OPERATOR: ZEIGLER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	STEM BORER	PUCC SORG	HELM	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
3 Tlaltizapan 8134	4268	108	77	174	87	2.8	1.8	2.0	3.0	1.0	28.3	3.0	33.3	3.0	39.8
1 San Jeronimo 8134	4177	106	77	170	96	11.1	2.0	2.0	2.5	1.8	31.8	4.0	55.2	3.5	36.9
8 Across 7844 RE	4133	104	91	197	102	5.3	1.8	2.0	2.8	2.3	30.8	3.5	26.1	4.3	41.3
6 Celaya 8047	4112	104	67	145	74	11.8	2.0	2.0	2.8	1.8	31.0	4.8	55.5	4.0	35.3
4 Shaka (1) 8134	4006	101	76	166	75	7.1	1.0	2.3	2.5	1.3	29.0	3.8	41.1	3.0	37.9
5 Nazareth 8134	3968	100	76	172	86	6.4	1.5	2.3	3.0	1.0	28.5	4.0	45.9	3.5	40.6
2 San Jeronimo (1)8134	3884	98	77	186	96	4.5	2.0	2.3	3.0	1.5	28.0	4.3	35.9	3.3	38.9
7 Across 7734 RE	3761	95	79	175	95	10.9	2.5	2.0	2.8	1.5	26.5	4.0	54.3	3.8	38.0
MEANS	4039	102	77	173	89	7.5	1.8	2.1	2.8	1.5	29.2	3.9	43.4	3.5	38.6
MAXIMUM	4268	108	91	197	102	11.8	2.5	2.3	3.0	2.3	31.8	4.8	55.5	4.3	41.3
MINIMUM	3761	95	67	145	74	2.8	1.0	2.0	2.5	1.0	26.5	3.0	26.1	3.0	35.3
CHECKS (TESTIGOS):															
10 BOMBON	3955	-	97	252	161	3.0	1.3	1.3	1.0	1.3	26.3	3.8	19.8	4.5	42.9
9 GPS4XSR52	3920	-	98	210	118	0.0	1.3	1.3	1.0	1.3	29.8	3.3	3.8	4.5	42.0
CHECK MEANS	3938	-	97	230	139	1.5	1.3	1.3	1.0	1.3	28.0	3.5	11.8	4.5	42.4
5% LSD	795.0		7.6	32.2	26.3						6.3				
C.V.	13.6		6.4	12.0	18.3						15.0				

TABLE: 278-V-83

EVT16B YEAR 1983 SWAZILAND MANGCONGO

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	EARS/ PLNT	MOIST %
6 Celaya 8047	5962	92	86	170	86	1.7	9.7	12.8	3.5	44.0	2.5	0.9	11.8
4 Shaka (1) 8134	4993	77	90	183	101	6.3	27.3	6.8	2.5	44.0	2.0	1.0	12.6
3 Tlaltizapan 8134	4988	77	88	186	106	4.5	34.7	10.3	2.8	44.0	2.0	0.9	13.0
1 San Jeronimo 8134	4840	75	90	186	106	5.1	30.7	5.1	3.0	44.0	2.0	0.9	11.2
5 Nazareth 8134	4773	74	88	188	106	6.3	23.3	7.4	3.3	44.0	1.5	0.9	11.4
8 Across 7844 RE	4407	68	98	196	119	0.6	43.8	2.6	2.3	44.0	1.8	0.9	12.9
7 Across 7734 RE	4389	68	90	194	121	6.3	22.2	6.3	3.3	44.0	2.3	0.9	12.6
2 San jeronimo (1)8134	4275	66	90	192	101	7.4	38.1	7.8	3.0	44.0	2.5	0.9	10.9
MEANS	4828	75	90	187	106	4.8	28.7	7.4	2.9	44.0	2.1	0.9	12.0
MAXIMUM	5962	92	98	196	121	7.4	43.8	12.8	3.5	44.0	2.5	1.0	13.0
MINIMUM	4275	66	86	170	86	0.6	9.7	2.6	2.3	44.0	1.5	0.9	10.9
CHECKS (TESTIGOS):													
9 PIONEER 95	6451	-	88	214	120	1.7	43.8	3.7	3.0	44.0	1.0	0.9	15.6
10 SILVER KING	4623	-	99	239	129	1.7	51.1	2.8	1.3	44.0	1.3	0.9	14.1
CHECK MEANS	5537	-	93	226	124	1.7	47.4	3.3	2.1	44.0	1.1	0.9	14.8
5% LSD	831.5		4.9	21.3	19.1								2.9
C.V.	11.5		3.7	7.6	12.0								15.6

TABLE: 279-V-83

EVT168 YEAR 1983 SWAZILAND NHLANGANO

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	% FUSARIUM	% GIBBER-ELLA	% NIGRO SPORA	MOIST %
8 Across 7844 RE	7208	84	74	273	136	19.7	39.4	1.5	45.3	2.5	2.3	1.2	24.2	7.0	16.0
6 Celaya 8047	6944	81	65	232	103	7.3	5.3	2.0	42.3	2.8	2.3	1.6	25.6	7.3	13.6
2 San jeronimo (1)8134	6644	77	72	259	114	11.3	7.8	1.5	43.8	2.8	1.5	3.9	22.0	4.0	16.2
3 Tlaltizapan 8134	6412	74	74	255	112	11.6	23.5	1.5	47.0	1.8	1.8	1.1	26.1	6.9	14.1
5 Nazareth 8134	6345	74	72	255	116	16.1	37.1	2.8	38.3	3.0	2.5	5.2	29.6	6.8	14.9
1 San Jeronimo 8134	6248	73	71	254	120	5.5	15.8	1.8	45.3	2.8	1.5	3.4	27.9	9.6	15.8
4 Shaka (1) 8134	6021	70	70	268	111	19.1	12.1	2.3	46.3	2.5	2.0	3.9	25.5	15.3	17.0
7 Across 7734 RE	5965	69	73	273	135	18.1	18.5	2.3	45.8	3.3	2.5	3.3	20.5	5.6	14.9
MEANS	6474	75	71	258	118	13.6	20.0	1.9	44.2	2.7	2.0	2.9	25.2	7.8	15.3
MAXIMUM	7208	84	74	273	136	19.7	39.4	2.8	47.0	3.3	2.5	5.2	29.6	15.3	17.0
MINIMUM	5965	69	65	232	103	5.5	5.3	1.5	38.3	1.8	1.5	1.1	20.5	4.0	13.6
CHECKS (TESTIGOS):															
9 PIONEER 95	8615	-	71	275	130	19.1	41.4	1.5	45.5	2.3	1.8	7.7	14.7	9.4	15.9
10 SILVER KING	4917	-	78	307	172	15.5	55.9	1.3	46.8	1.8	3.0	4.8	16.7	1.1	16.9
CHECK MEANS	6766	-	74	291	151	17.3	48.7	1.4	46.1	2.0	2.4	6.2	15.7	5.2	16.4
5% LSD	1216.5		2.6	23.4	18.9				5.2						
C.V.	12.8		2.5	6.1	10.5				8.0						

TABLE: 280-V-83

EVT16B YEAR 1983 TANZANIA LAMBO

CO-OPERATOR: NATIONAL MAIZE RESEARCH PROGRAMME

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC	HUSK COVER	HELM	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
8 Across 7844 RE	7875	100	81	195	95	3.0	6.6	5.2	2.0	1.8	2.3	42.3	1.5	2.0	20.2
2 San jeronimo (1)8134	7210	91	79	179	81	1.8	11.8	4.5	2.3	2.3	2.3	42.0	2.0	2.3	20.8
4 Shaka (1) 8134	6867	87	77	185	82	1.9	8.6	3.6	2.3	2.0	2.3	41.0	1.8	2.5	21.3
3 Tlaltizapan 8134	6834	86	80	179	79	2.4	15.4	4.6	2.0	2.3	2.3	42.5	1.5	2.0	22.0
5 Nazareth 8134	6690	85	82	180	84	0.6	18.9	3.5	2.3	1.5	2.0	42.5	2.0	2.3	20.0
1 San Jeronimo 8134	6593	83	79	172	78	0.6	9.8	5.2	2.0	2.5	2.0	39.3	1.8	1.8	20.9
7 Across 7734 RE	6444	81	81	188	69	6.2	15.1	7.0	2.0	2.3	2.5	39.3	1.8	2.0	21.8
6 Celaya 8047	5977	76	77	164	71	14.8	19.7	5.5	2.0	2.8	2.0	37.3	2.3	2.5	17.7
MEANS	6811	86	79	180	82	3.9	13.2	4.9	2.1	2.2	2.2	40.8	1.8	2.2	20.6
MAXIMUM	7875	100	82	195	95	14.8	19.7	7.0	2.3	2.8	2.5	42.5	2.3	2.5	22.0
MINIMUM	5977	76	77	164	71	0.6	6.6	3.5	2.0	1.5	2.0	37.3	1.5	1.8	17.7
CHECKS (TESTIGOS):															
10 EH 8096X7992	7909	-	83	214	107	0.6	5.4	5.3	2.3	2.0	1.8	41.0	1.5	2.3	21.8
9 KILIMA	6946	-	78	218	102	8.2	6.6	3.0	2.0	2.3	1.8	36.3	1.8	2.8	21.9
CHECK MEANS	7428	-	80	216	104	4.4	6.0	4.1	2.1	2.1	1.8	38.6	1.6	2.5	21.9
5% LSD	784.6		3.5	15.9	12.7							5.0			
C.V.	7.8		3.0	5.9	10.1							8.6			

TABLE: 281-V-83

EVT168 YEAR 1983 ZAIRE KISANGA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	VIRUS %	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	HELM TURC	PLANT HAR	EAR -SPCT	PLANT ASPECT	MOIST %
5 Nazareth 8134	4780	122	73	168	80	2.8	2.4	1.3	2.3	1.5	1.0	40.[illegible]	1.3	2.0	26.9
8 Across 7844 RE	4574	117	76	177	88	1.8	3.1	8.2	5.3	1.8	1.0	41.[illegible]	1.0	1.3	30.4
7 Across 7734 RE	4449	113	73	171	78	0.3	7.7	2.1	2.4	1.5	1.3	37.[illegible]	1.5	2.0	27.3
2 San Jeronimo (1)8134	4117	105	72	167	80	2.0	2.8	0.0	10.9	1.3	1.5	37.[illegible]	1.3	2.3	27.4
4 Shaka (1) 8134	3938	100	73	162	71	2.0	4.0	5.1	5.5	1.0	1.3	38.5	1.0	2.0	28.3
1 San Jeronimo 8134	3904	100	75	164	76	3.0	7.0	4.1	6.4	2.0	1.0	35.[illegible]	1.0	2.3	27.1
3 Tlaltizapan 8134	3869	99	73	164	75	4.3	0.6	2.0	6.1	1.5	1.3	38.5	1.3	2.0	27.4
6 Celaya 8047	3388	86	67	133	67	2.8	2.7	10.3	13.8	1.3	1.3	35.5	1.0	2.3	23.6
MEANS	4127	105	73	163	77	2.3	3.8	4.1	6.6	1.5	1.2	37.[illegible]	1.2	2.0	27.3
MAXIMUM	4780	122	76	177	88	4.3	7.7	10.3	13.8	2.0	1.5	41.[illegible]	1.5	2.3	30.4
MINIMUM	3388	86	67	133	67	0.3	0.6	0.0	2.3	1.0	1.0	35.[illegible]	1.0	1.3	22.6
CHECKS (TESTIGOS):															
9 SHABA I	3922	-	83	191	92	3.5	1.8	7.5	3.5	1.3	1.0	34.5	1.3	1.3	36.3
10 PNM I	3592	-	84	197	99	3.0	3.8	13.3	2.1	1.3	1.3	32.5	1.5	1.5	31.6
CHECK MEANS	3757	-	83	193	95	3.3	2.6	10.4	2.8	1.3	1.1	33.5	1.4	1.4	34.0
5% LSD	1103.6		3.4	17.1	11.2							5.7			
C.V.	18.8		3.2	6.9	9.6							10.7			

TABLE. 282-V-83

EVT168 YEAR 1983 ZIMBABWE KADOMA

CO-OPERATOR: R. C. OLVER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
4 Shaka (1) 8134	2797	115	167	79	4.0	0.0	6.4	43.5	2.3	4.0	0.6	13.1
8 Across 7844 RE	2421	99	177	86	8.6	0.0	4.8	43.5	2.0	4.0	0.5	13.0
7 Across 7734 RE	2403	98	169	86	10.2	0.0	9.4	44.0	2.5	4.3	0.5	12.7
6 Celaya 8047	2253	92	141	66	4.7	0.0	7.0	42.3	2.3	4.3	0.6	12.5
1 San Jeronimo 8134	1921	79	163	81	10.5	0.0	5.7	43.0	2.3	4.0	0.5	12.5
3 Tlaltizapan 8134	1867	76	159	73	10.7	0.0	3.7	42.3	2.8	4.0	0.5	12.1
2 San Jeronimo (1)8134	1775	73	165	81	14.2	0.0	9.5	44.0	2.5	4.0	0.5	12.3
5 Nazareth 8134	1699	70	157	75	11.6	0.0	9.1	42.5	2.8	4.0	0.5	12.4
MEANS	2142	88	162	78	9.3	0.0	6.9	43.1	2.4	4.1	0.5	12.6
MAXIMUM	2797	115	177	86	14.2	0.0	9.5	44.0	2.8	4.3	0.6	13.1
MINIMUM	1699	70	141	66	4.0	0.0	3.7	42.3	2.0	4.0	0.5	12.1
CHECKS (TESTIGOS).												
10 SR52	2440	-	198	98	5.1	0.0	3.9	44.0	2.0	3.8	0.6	15.0
9 ZS225	1546	-	191	83	4.8	1.2	16.1	43.0	2.8	4.0	0.5	11.9
CHECK MEANS	1993	-	194	90	4.9	0.6	10.0	43.5	2.4	3.9	0.5	13.4
5% LSD	837.9		15.2	9.6				1.5				1.3
C.V.	27.3		6.2	8.2				2.4				7.0

TABLE: 263-V-83

EVT16B YEAR 1983 BURMA HEHO

CO-OPERATOR: DR. TUN SAING + UMAW KYI

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	PLNTS GERM	EARS/ PLNT	MOIST %
8 Across 7844 RE	7775	111	61	208	102	13.7	0.0	20.3	2.6	40.8	2.3	2.4	83.5	1.1	26.8
4 Shaka (1) 8134	7640	109	60	201	91	6.5	1.3	16.2	3.0	39.0	2.8	2.6	85.3	1.1	26.2
7 Across 7734 RE	7246	103	59	202	94	2.9	1.3	13.0	2.8	36.0	2.5	2.6	84.5	1.1	26.4
2 San jeronimo (1)8134	6921	99	59	197	88	4.9	0.6	18.0	3.0	37.5	3.0	2.8	83.8	1.1	26.0
6 Celaya 8047	6790	97	56	173	74	0.6	0.7	17.7	2.9	38.3	2.8	2.5	83.0	1.0	25.4
5 Nazareth 8134	6753	96	60	194	90	6.1	0.6	16.1	2.9	38.0	3.0	2.9	82.3	1.1	26.7
3 Tlaltizapan 8134	6673	95	58	185	77	1.4	1.4	15.0	2.8	39.0	2.8	2.6	84.5	1.0	25.3
1 San Jeronimo 8134	6640	95	61	185	78	4.2	0.0	9.5	3.0	37.0	2.9	2.8	84.3	1.1	25.9
MEANS	7055	101	59	193	87	5.0	0.7	16.4	2.9	38.2	2.7	2.6	83.9	1.1	26.1
MAXIMUM	7775	111	61	208	102	13.7	1.4	20.3	3.0	40.8	3.0	2.9	85.3	1.1	26.8
MINIMUM	6640	95	56	173	74	0.6	0.0	9.5	2.6	36.0	2.3	2.4	82.3	1.0	25.3
CHECKS (TESTIGOS):															
9 SHWE WAR 1	7011	-	62	215	107	18.2	0.0	9.9	3.0	35.0	2.8	2.6	72.5	1.1	28.2
10 SHWE WAR 8	4715	-	59	158	64	19.8	0.0	7.8	3.1	28.3	3.3	3.0	61.8	1.2	24.5
CHECK MEANS	5863	-	60	186	85	19.0	0.0	8.8	3.1	31.6	3.0	2.8	67.1	1.2	26.3
5% LSD	1087.0		1.4	13.4	9.6					3.7					1.5
C.V.	11.0		1.6	4.8	7.7					6.8					4.0

TABLE: 284-V-83

EVT16B YEAR 1983 VIETNAM SONGBOI

CO-OPERATOR: VU NGOC LUOC

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	HUSK COVER	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
8 Across 7844 RE	7950	104	59	199	83	2.8	22.1	0.0	3.8	2.8	4.5	43.3	3.0	2.3	32.5
7 Across 7734 RE	7674	101	60	190	87	3.4	16.0	0.6	3.5	2.3	4.8	43.5	3.8	3.0	28.9
6 Celaya 8047	7208	95	56	155	55	4.7	3.9	4.0	4.0	2.0	3.8	39.0	3.3	2.3	26.5
5 Nazareth 8134	7188	94	57	182	76	0.6	8.0	0.6	4.0	2.5	4.8	43.5	3.3	2.0	27.3
1 San Jeronimo 8134	7005	92	59	190	77	0.0	14.2	0.6	3.8	2.5	4.5	39.5	4.0	2.8	29.1
4 Shaka (1) 8134	6986	92	60	185	76	0.6	16.5	3.4	3.5	1.5	4.3	40.0	3.8	2.3	27.8
2 San jeronimo (1)8134	6872	90	59	181	79	3.5	15.6	1.6	3.8	2.3	4.3	43.3	3.5	2.5	30.5
3 Tlaltizapan 8134	6727	88	59	178	79	3.5	14.1	1.1	3.8	2.0	4.0	42.8	4.0	2.8	29.0
MEANS	7201	95	58	182	77	2.4	13.8	1.5	3.8	2.2	4.3	41.8	3.6	2.5	28.9
MAXIMUM	7950	104	60	199	87	4.7	22.1	4.0	4.0	2.8	4.8	43.5	4.0	3.0	32.5
MINIMUM	6727	88	56	155	55	0.0	3.9	0.0	3.5	1.5	3.8	39.0	3.0	2.0	26.5
CHECKS (TESTIGOS):															
9 LOCAL CHECK 1	7609	-	60	218	103	2.7	28.2	12.5	3.0	2.8	2.5	37.8	3.3	3.5	28.2
10 LOCAL CHECK 2	6906	-	61	212	97	5.6	32.1	6.8	2.8	2.5	3.8	36.3	3.5	3.8	33.2
CHECK MEANS	7257	-	60	215	99	4.1	30.2	9.6	2.9	2.6	3.1	37.0	3.4	3.6	30.7
5% LSD	1114.1		2.6	14.3	16.0							5.9			
C.V.	10.6		3.0	5.2	13.6							9.9			

TABLE: 283-V-83

EVT16B YEAR 1983 BURMA HEHO

CO-OPERATOR: DR. TUN SAING + UMAW KYI

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	PLNTS GERM	EARS/ PLNT	MOIST %
8 Across 7844 RE	7775	111	61	208	102	13.7	0.0	20.3	2.6	40.8	2.3	2.4	83.5	1.1	26.8
4 Shaka (1) 8134	7640	109	60	201	91	6.5	1.3	16.2	3.0	39.0	2.8	2.6	85.3	1.1	26.2
7 Across 7734 RE	7246	103	59	202	94	2.9	1.3	18.0	2.8	36.0	2.5	2.6	84.5	1.1	26.4
2 San jeronimo (1)8134	6921	99	59	197	88	4.9	0.6	18.0	3.0	37.5	3.0	2.8	83.8	1.1	26.0
6 Celaya 8047	6790	97	56	173	74	0.6	0.7	17.7	2.9	38.3	2.8	2.5	83.0	1.0	25.4
5 Nazareth 8134	6753	96	60	194	90	6.1	0.6	16.1	2.9	38.0	3.0	2.9	82.3	1.1	26.7
3 Tlaltizapan 8134	6673	95	58	185	77	1.4	1.4	15.0	2.8	39.0	2.8	2.6	84.5	1.0	25.3
1 San Jeronimo 8134	6640	95	61	185	78	4.2	0.0	9.5	3.0	37.0	2.9	2.8	84.3	1.1	25.9
MEANS	7055	101	59	193	87	5.0	0.7	16.4	2.9	38.2	2.7	2.6	83.9	1.1	26.1
MAXIMUM	7775	111	61	208	102	13.7	1.4	20.3	3.0	40.8	3.0	2.9	85.3	1.1	26.8
MINIMUM	6640	95	56	173	74	0.6	0.0	9.5	2.6	36.0	2.3	2.4	82.3	1.0	25.3
CHECKS (TESTIGOS):															
9 SHWE WAR 1	7011	-	62	215	107	18.2	0.0	9.9	3.0	35.0	2.8	2.6	72.5	1.1	28.2
10 SHWE WAR 8	4715	-	59	158	64	19.8	0.0	7.8	3.1	28.3	3.3	3.0	61.8	1.2	24.5
CHECK MEANS	5863	-	60	186	85	19.0	0.0	8.8	3.1	31.6	3.0	2.8	67.1	1.2	26.3
5% LSD	1087.0		1.4	13.4	9.6					3.7					1.5
C.V.	11.0		1.6	4.8	7.7					6.8					4.0

TABLE: 58-EV-83

EVT18A YEAR 1983 PHILIPPINES ILAGAN

CO-OPERATOR: BPI

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PUCC	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
2 Guaymas (1) 8022	8243	114	66	175	75	3.9	7.0	1.0	1.3	40.3	1.5	1.8	1.0	15.0
8 Across 7936	7442	103	66	162	72	7.8	0.0	1.0	1.8	41.8	2.0	2.0	1.1	13.9
11 Across 7729 RE	7307	101	68	170	71	1.1	5.1	1.0	1.8	40.8	1.5	1.8	1.0	14.9
10 Across 7728 RE	7193	99	68	172	75	8.0	5.2	1.0	1.5	43.3	1.8	2.0	1.0	14.8
5 Suwan 8027	7179	99	66	171	72	3.5	7.1	1.0	1.8	38.3	1.5	2.0	1.0	14.1
7 Across 7929	6967	96	67	167	69	1.4	5.2	1.0	1.8	35.8	1.8	2.0	1.0	15.1
3 La Maquina 8022	6793	94	67	167	67	3.8	7.7	1.0	1.0	31.3	1.5	1.3	1.1	13.8
4 Poza Rica 8024	6706	92	67	170	7[illegible]	5.0	9.0	1.3	1.3	34.0	1.8	1.8	1.1	13.3
1 Across 7921	6584	91	68	167	70	5.2	3.3	1.0	1.3	28.3	1.3	1.5	1.1	14.8
6 Pichilingue 7928	6308	87	67	168	75	10.4	6.5	1.0	1.5	34.8	1.3	1.8	1.1	14.3
9 Across 8043	6107	84	69	180	74	1.9	11.6	1.0	1.0	23.3	1.0	1.3	1.0	15.6
MEANS	6984	96	67	170	72	4.7	6.1	1.0	1.4	35.6	1.5	1.7	1.1	14.5
MAXIMUM	8243	114	69	180	75	10.4	11.6	1.3	1.8	43.3	2.0	2.0	1.1	15.6
MINIMUM	6107	84	66	162	67	1.1	0.0	1.0	1.0	23.3	1.0	1.3	1.0	13.3
CHECKS (TESTIGOS):														
13 LOCAL CHECK 2	7260	-	66	159	76	10.2	0.6	1.0	1.8	44.0	2.0	2.0	1.1	14.3
12 LOCAL CHECK 1	6955	-	67	169	71	3.3	4.6	1.0	1.3	38.3	1.3	1.8	1.1	13.8
CHECK MEANS	7108	-	66	164	73	6.8	2.6	1.0	1.5	41.1	1.6	1.9	1.1	14.1
5% LSD	831.2		1.7	8.6	7.2					5.7				1.6
C.V.	8.3		1.8	3.5	7.0					10.8				7.8

TABLE: 59-EV-83

EVT18A YEAR 1983 ARGENTINA BUENOS AIRES

CO-OPERATOR: CRIADERO MORGAN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PUCC	PLANTS HARV	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
7 Across 7929	2359	69	180	83	9.5	1.5	2.3	33.5	0.0	3.8	1.0	15.6
8 Across 7936	2171	63	178	83	12.7	0.0	2.5	32.8	6.4	4.0	0.9	18.2
5 Suwan 8027	2146	63	173	73	12.1	4.7	2.3	33.0	7.9	3.8	1.0	17.3
1 Across 7921	2123	62	173	73	11.6	0.7	1.8	34.3	0.0	4.3	0.8	11.4
6 Pichilingue 7928	2109	62	170	75	11.2	0.0	2.0	35.3	0.0	3.8	0.8	14.0
9 Across 8043	1927	56	173	65	10.9	1.4	2.0	35.3	0.0	4.3	0.7	17.6
2 Guaymas (1) 8022	1890	55	168	76	12.8	0.7	2.3	35.3	0.0	4.0	0.8	16.1
11 Across 7729 RE	1862	54	173	85	10.2	3.0	2.0	34.3	7.4	3.5	0.8	16.3
4 Poza Rica 8024	1823	53	178	83	12.3	2.2	1.8	34.5	0.0	4.3	0.7	17.0
10 Across 7728 RE	1812	53	173	78	13.0	2.9	2.0	34.8	0.0	4.5	0.7	16.4
3 La Maquina 8022	1745	51	168	68	13.2	1.6	2.0	32.3	0.0	3.8	0.8	17.3
MEANS	1997	58	173	76	11.8	1.7	2.1	34.1	2.0	4.0	0.8	16.1
MAXIMUM	2359	69	180	85	13.2	4.7	2.5	35.3	7.9	4.5	1.0	18.2
MINIMUM	1745	51	168	65	9.5	0.0	1.8	32.3	0.0	3.5	0.7	11.4
CHECKS (TESTIGOS):												
12 MORGAN 400	3421	-	173	70	31.2	4.6	2.5	32.0	0.0	3.8	1.0	16.7
13 CARGILL TRIHIB 81	3370	-	180	85	13.1	1.7	2.5	31.3	20.7	4.3	1.1	16.8
CHECK MEANS	3395	-	176	77	22.2	3.2	2.5	31.6	10.4	4.0	1.0	16.8
5% LSD	467.2		12.2	7.8				3.3				
C. V.	14.7		4.9	7.1				6.8				

TABLE: 60-EV-83

EVT18A YEAR 1983 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	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
10 Across 7728 RE	8175	99	66	238	136	1.3	0.0	6.7	38.0	1.8	1.5	77.3	1.3	21.4
5 Suwan 8027	7976	96	65	230	128	0.0	0.6	10.8	39.3	1.8	1.5	79.0	1.0	21.8
7 Across 7929	7904	96	64	231	129	2.1	0.8	9.4	37.3	1.8	1.5	77.5	1.2	23.2
9 Across 8043	7900	95	66	250	144	0.6	0.0	10.5	39.8	1.3	1.0	79.0	1.1	23.9
2 Guaymas (1) 8022	7721	93	65	225	128	1.8	0.6	10.4	42.0	1.8	1.5	81.5	1.1	25.4
11 Across 7729 RE	7678	93	65	230	125	0.6	0.0	10.7	42.3	2.0	1.5	79.8	1.1	21.6
6 Pichilingue 7928	7643	92	64	229	128	3.7	0.0	10.4	41.3	1.5	1.5	81.5	1.3	19.8
1 Across 7921	7453	90	65	235	135	0.0	0.0	10.4	40.8	1.7	1.3	80.3	1.1	23.0
3 La Maquina 8022	7319	88	65	231	134	0.0	1.7	16.0	43.0	2.0	1.3	82.0	1.0	23.9
8 Across 7936	7045	85	63	205	110	0.6	0.7	12.0	39.8	1.0	2.0	77.3	1.2	20.5
4 Poza Rica 8024	6963	84	65	236	139	1.2	0.0	11.5	41.0	1.8	1.5	70.3	1.1	22.9
MEANS	7616	92	65	231	130	1.1	0.4	10.8	40.4	1.6	1.5	78.7	1.2	22.5
MAXIMUM	8175	99	66	250	144	3.7	1.7	16.0	43.0	2.0	2.0	82.0	1.3	25.4
MINIMUM	6963	84	63	205	110	0.0	0.0	6.7	37.3	1.0	1.0	70.3	1.0	19.8
CHECKS (TESTIGOS):														
13 LA POSTA IBOP.	8074	-	66	268	163	2.0	0.0	5.0	38.0	1.5	1.3	71.0	1.1	21.9
12 M. T. BLANCO IBOP.	8054	-	66	243	139	0.0	1.2	8.8	39.8	1.5	1.5	76.5	1.1	23.8
CHECK MEANS	8064	-	65	255	150	1.0	0.6	6.9	38.9	1.5	1.4	73.5	1.1	22.8
5% LSD	1375.4		1.1	18.2	13.2				4.3					2.1
C.V.	12.5		1.2	5.4	6.9				7.5					6.4

TABLE: 61-EV-83

EVT18A YEAR 1983 BRAZIL JARDINOPOLIS

CO-OPERATOR: LIMAGRAIN DO BRASIL EMMANUEL D. AUBRY

ENTRY NO. /PEDIGREE	KG./HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
8 Across 7936	4582	89	70	247	108	65.4	7.0	16.5	49.8	1.0	17.2
2 Guaymas (1) 8022	4513	88	71	249	103	54.1	7.0	23.8	49.5	1.0	19.3
6 Pichilingue 7928	4424	86	70	250	106	71.3	15.6	19.5	49.5	1.0	18.5
1 Across 7921	4411	86	71	239	103	58.5	19.0	27.2	50.0	1.0	19.1
10 Across 7728 RE	4384	86	72	253	111	66.8	7.7	16.2	49.3	1.0	18.4
5 Suwan 8027	4381	86	70	250	108	54.0	17.5	26.0	50.0	1.0	19.1
11 Across 7729 RE	4274	83	72	251	103	61.0	4.0	27.6	50.0	1.0	19.4
3 La Maquina 8022	4148	81	72	241	103	58.0	15.5	29.5	50.0	1.0	20.3
7 Across 7929	4143	81	71	241	105	49.2	6.6	36.8	49.8	0.9	18.7
9 Across 8043	3920	77	74	268	126	60.2	13.0	26.8	49.5	0.9	20.4
4 Poza Rica 8024	3865	75	71	259	109	63.9	8.2	17.1	48.5	1.0	18.2
MEANS	4277	83	71	250	108	60.2	11.0	24.3	49.6	1.0	19.0
MAXIMUM	4582	89	74	268	126	71.3	19.0	36.8	50.0	1.0	20.4
MINIMUM	3865	75	70	239	103	49.2	4.0	16.2	48.5	0.9	17.2
CHECKS (TESTIGOS):											
12 DINA 10	5123	-	80	285	140	31.3	3.5	19.1	49.5	1.3	23.6
13 DINA 3030	5053	-	78	291	144	39.9	1.5	27.8	49.5	1.0	21.5
CHECK MEANS	5088	-	78	288	141	35.6	2.5	23.4	49.5	1.2	22.6
5% LSD	462.6		1.8	14.5	10.9				1.4		1.1
C.V.	7.3		1.7	4.0	6.7				2.0		4.0

TABLE: 62-EV-83

EVT18A YEAR 1983 BRAZIL RIBEIRO PRETO

CO-OPERATOR: SEMENTES REIS DE OURO LTDA.

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	SPODO	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
3 La Maquina 8022	6946	117	54	226	118	4.1	5.8	3.4	1.5	1.3	43.3	1.8	4.3	1.8	15.2
9 Across 8043	6424	108	56	239	134	0.0	7.1	3.8	1.5	1.5	42.8	2.0	2.9	1.8	16.3
8 Across 7936	6315	106	52	225	134	2.9	5.9	5.7	1.5	1.5	42.3	2.0	2.9	2.0	14.2
7 Across 7929	6142	104	53	234	129	2.9	9.9	8.2	2.0	1.5	43.0	2.3	3.5	2.0	14.2
1 Across 7921	6122	103	55	218	119	1.8	3.0	12.0	1.5	1.5	41.3	2.3	2.4	1.5	15.6
6 Pichilingue 7928	6100	103	53	235	123	1.2	9.6	7.0	1.8	1.5	41.0	2.0	2.5	2.3	14.8
2 Guaymas (1) 8022	6054	102	54	229	130	0.7	7.3	6.2	1.5	1.8	41.0	2.0	3.2	1.8	15.2
5 Suwan 8027	5803	98	53	224	124	0.6	4.8	5.4	1.5	1.0	42.3	1.3	2.4	2.5	14.9
11 Across 7729 RE	5678	96	54	218	116	3.0	6.1	5.4	1.8	1.3	41.0	2.3	3.8	1.8	14.2
4 Pora Rica 8024	5634	95	54	234	134	3.0	9.6	2.5	1.5	1.3	41.5	2.3	4.2	1.8	14.1
10 Across 7728 RE	5536	93	54	238	128	1.1	2.4	3.2	1.8	1.5	41.3	2.5	2.6	1.8	15.0
MEANS	6069	102	54	229	126	1.9	6.5	5.7	1.6	1.4	41.9	2.0	3.1	1.9	14.9
MAXIMUM	6946	117	56	239	134	4.1	9.9	12.0	2.0	1.0	43.3	2.5	4.2	2.5	16.3
MINIMUM	5536	93	52	218	116	0.0	2.4	2.5	1.5	1.0	41.0	1.3	2.4	1.5	14.1
CHECKS (TESTIGOS):															
12 RO 303	5931	-	57	301	195	1.8	15.6	5.2	1.8	1.3	40.8	1.8	0.0	2.5	15.4
13 RO 150	5000	-	58	314	195	2.5	14.4	5.0	1.8	1.3	38.0	2.5	0.0	3.0	14.5
CHECK MEANS	5466	-	57	307	195	2.1	15.0	5.1	1.8	1.3	39.4	2.1	0.0	2.8	15.0
5% LSD	971.7		1.2	12.4	9.1						3.4				
C.V.	11.3		1.5	3.6	4.7						5.7				

TABLE: 63-EV-83

EVT18A YEAR 1983 BRAZIL CAPINOPOLIS

CO-OPERATOR: SEMENTES AGROCERES

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	HUSK COVER	ENDO HARD	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
9 Across 8043	7614	136	64	251	145	38.4	20.6	0.6	2.0	1.3	3.0	44.3	1.3	2.5	14.1
7 Across 7929	6945	124	60	228	126	61.6	6.3	0.7	1.8	1.8	3.0	43.0	1.3	3.5	14.2
11 Across 7729 RE	6925	124	62	231	130	58.5	5.4	0.0	2.0	1.5	3.3	42.5	1.8	2.8	13.8
3 La Maquina 8022	6635	119	61	216	118	57.0	14.4	0.6	2.0	2.0	2.8	43.3	2.3	3.0	13.9
2 Quaymas (1) 8022	6593	118	60	220	125	60.2	1.7	0.0	2.0	1.8	2.8	44.0	1.5	3.3	14.2
6 Pichilingue 7928	6352	114	60	226	130	47.8	18.0	0.0	1.8	1.8	3.0	42.3	2.5	3.3	13.9
8 Across 7936	6310	113	57	219	128	60.5	9.8	0.0	1.3	2.0	3.3	43.3	2.5	2.8	13.8
5 Suwan 8027	6310	113	59	223	130	54.8	6.4	0.6	1.5	2.0	2.0	43.3	1.5	3.5	14.9
10 Across 7728 RE	6266	112	62	224	126	64.8	8.0	0.6	1.5	2.0	3.0	43.3	2.8	2.8	13.8
1 Across 7921	5891	105	63	209	119	78.7	3.5	0.0	2.5	2.3	3.5	43.8	2.3	3.3	13.6
4 Poza Rica 8024	5690	102	62	226	125	54.3	26.9	0.7	2.0	1.8	3.0	44.0	2.5	3.5	13.8
MEANS	6503	116	61	225	127	57.9	11.0	0.3	1.8	1.8	3.0	43.3	2.0	3.1	14.0
MAXIMUM	7614	136	64	251	145	78.7	26.9	0.7	2.5	2.3	3.5	44.3	2.8	3.5	14.9
MINIMUM	5690	102	57	209	118	38.4	1.7	0.0	1.3	1.3	2.0	42.3	1.3	2.5	13.6
CHECKS (TESTIGOS):															
12 AG 403	5595	-	64	253	156	69.8	5.3	0.0	1.5	1.0	2.0	40.8	2.0	3.0	13.9
13 AG 301	5427	-	63	245	153	89.3	0.0	0.0	1.3	1.0	4.0	44.3	2.3	2.3	13.8
CHECK MEANS	5511	-	63	248	154	79.5	2.7	0.0	1.4	1.0	3.0	42.5	2.1	2.6	13.8
5% LSD	889.9		1.7	13.5	11.5							2.0			
C.V.	9.8		1.9	4.1	6.1							3.2			

TABLE: 64-EV-83

EVT18A YEAR 1983 COLOMBIA PALMIRA

CO-OPERATOR: GONZALO GRANADOS

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT	MOIST %
9 Across 8043	7965	98	62	277	1.7	6.9	1.7	43.5	1.8	2.9	1.0	35.8
3 La Maquina 8022	7532	93	60	255	0.0	1.7	2.4	43.3	2.3	7.8	1.0	36.3
6 Pichilingue 7928	7436	91	60	261	2.8	2.3	1.6	44.0	2.5	2.7	1.1	33.1
8 Across 7936	7380	91	57	237	1.2	0.0	0.5	42.5	2.5	4.6	1.0	29.1
5 Suwan 8027	6937	85	60	246	0.6	1.2	1.1	43.5	2.5	2.8	1.0	31.5
2 Guaymas (1) 8022	6902	85	61	243	1.2	0.0	2.3	43.0	2.6	1.1	1.0	31.9
7 Across 7929	6883	85	60	258	0.6	0.0	6.1	42.3	3.0	9.8	1.0	33.1
1 Across 7921	6861	84	61	256	0.6	1.2	3.7	42.8	2.5	2.0	0.9	32.4
11 Across 7729 RE	6791	84	61	254	0.6	2.4	7.4	42.5	3.0	1.8	1.0	30.8
4 Poza Rica 8024	6741	83	61	253	7.0	10.9	0.0	43.0	2.8	1.6	1.0	33.7
10 Across 7728 RE	6394	79	62	262	4.1	0.0	3.1	42.3	2.8	3.1	1.0	37.1
MEANS	7075	87	61	255	1.8	2.4	2.7	43.0	2.6	3.6	1.0	33.2
MAXIMUM	7965	98	62	277	7.0	10.9	7.4	44.0	3.0	9.8	1.1	37.1
MINIMUM	6394	79	59	237	0.0	0.0	0.0	42.3	1.8	1.1	0.9	29.1
CHECKS (TESTIGOS):												
12 SUXLAP. -BLANCO	8128	-	56	247	0.6	0.0	2.4	43.3	1.8	6.0	1.0	30.7
13 SUXLAP. -AMARILLO	7337	-	56	241	0.6	2.3	2.5	41.8	2.0	2.5	0.9	30.7
CHECK MEANS	7733	-	56	244	0.6	1.1	2.4	42.5	1.9	4.3	0.9	30.7
5% LSD	974.8		1.1	12.0				1.5				4.9
C. V.	9.5		1.3	3.3				2.5				10.5

TABLE: 65-EV-83

EVT18A YEAR 1983 COLOMBIA PALMIRA

CO-OPERATOR: ING. JOSE EVER VARGAS

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM	PLANTS HARV	PHYSO PELLA	EARS/ PLNT	MOIST %
3 La Maquina 8022	5740	98	67	263	110	0.3	0.3	17.9	2.5	75.8	1.3	1.1	30.4
9 Across 8043	5379	92	68	271	125	0.7	0.7	18.9	1.5	72.3	1.8	1.0	30.3
6 Pichilingue 7928	5357	91	68	243	116	1.6	1.4	22.2	2.3	72.5	1.8	1.2	27.0
4 Poza Rica 8024	5228	89	68	260	126	1.0	0.0	15.9	1.8	70.5	1.5	1.2	28.6
2 Guaymas (1) 8022	4997	85	67	244	116	1.8	2.2	19.9	1.3	68.8	1.8	1.1	29.4
10 Across 7728 RE	4997	85	68	265	127	1.3	1.7	26.8	2.3	74.8	1.5	1.2	29.0
8 Across 7936	4982	85	66	236	117	2.3	1.6	18.7	1.5	73.3	2.3	1.1	26.1
7 Across 7929	4832	82	67	250	118	0.3	1.0	28.5	2.0	76.5	1.8	0.9	30.5
11 Across 7729 RE	4770	81	68	254	116	2.5	3.5	29.2	2.0	77.8	2.0	1.0	30.0
5 Suwan 8027	4430	75	67	250	115	0.7	0.4	16.8	1.3	73.0	1.8	1.0	28.6
1 Across 7921	4075	69	69	251	115	1.3	0.8	23.7	2.3	64.3	1.8	1.1	28.3
MEANS	4981	85	67	253	118	1.3	1.2	21.7	1.9	72.7	1.7	1.1	28.9
MAXIMUM	5740	98	69	271	127	2.5	3.5	29.2	2.5	77.8	2.3	1.2	30.5
MINIMUM	4075	69	66	236	110	0.3	0.0	15.9	1.3	64.3	1.3	0.9	26.1
CHECKS (TESTIGOS):													
12 ICA H.260	5879	-	70	270	133	1.1	0.0	16.4	2.0	66.8	1.3	1.0	30.9
13 ICA H.211	5207	-	69	296	152	2.7	3.4	28.5	2.5	68.5	1.5	1.2	26.6
CHECK MEANS	5543	-	69	283	142	1.9	1.7	22.4	2.3	67.6	1.4	1.1	28.8
5% LSD	870.4		2.1	19.9	11.9					10.2			2.8
C.V.	12.0		2.2	5.4	6.8					9.9			6.8

TABLE: 66-EV-83

EVT18A YEAR 1983 PERU PIURA

CO-OPERATOR: MARCO NEVADO. HUGO SANCHEZ. PROGRAMA DE MAIZ

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
2 Guaymas (1) 8022	8081	136	71	193	104	37.0	1.0	23.7
8 Across 7936	6840	115	68	183	91	37.8	1.1	23.5
4 Poza Rica 8024	6680	113	71	202	100	34.8	1.0	27.2
7 Across 7929	6316	107	73	192	94	38.0	1.0	26.4
9 Across 8043	6306	106	74	199	102	31.5	1.0	27.1
3 La Maquina 8022	6083	103	72	189	90	34.8	1.0	29.4
6 Pichilingue 7928	5890	99	73	191	89	34.8	1.0	24.7
1 Across 7921	5693	96	73	183	84	35.3	0.9	25.8
11 Across 7729 RE	5587	94	74	178	85	36.3	1.0	28.1
10 Across 7728 RE	5464	92	74	194	96	36.0	1.0	28.0
5 Suwan 8027	5267	89	71	181	83	33.3	1.0	25.3
MEANS	6201	105	72	190	92	35.4	1.0	26.3
MAXIMUM	8081	136	74	202	104	38.0	1.1	29.4
MINIMUM	5267	89	68	178	83	31.5	0.9	23.5
CHECKS (TESTIGOS):								
12 PM-701	5929	-	76	223	118	35.5	0.8	26.1
13 PIURA-81-79	1758	-	56	134	56	8.3	0.9	18.5
CHECK MEANS	3843	-	65	178	87	21.9	0.9	22.3
5% LSD	2021.2		14.6	41.9	22.6	5.9		[illegible].0
C.V.	24.1		14.3	15.6	17.2	12.3		16.3

TABLE: 67-EV-83

EVTIBA YEAR 1983 VENEZUELA MACAPO

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PUCC	ENDO HARD	HELM	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	PLNTS GERM	MOIST %
6 Pichilingue 7928	3883	101	59	212	110	13.4	2.3	3.0	2.0	41.5	2.3	8.5	2.5	82.8	11.5
7 Across 7929	3800	99	60	208	111	15.6	3.0	3.0	2.3	43.5	2.0	10.4	3.0	87.8	11.9
8 Across 7936	3577	93	58	213	115	12.5	2.5	3.0	2.3	41.3	2.3	11.0	2.8	83.0	11.9
5 Suwan 8027	3529	92	61	199	102	12.6	2.5	2.0	2.0	43.0	2.0	11.7	2.3	86.3	11.4
2 Quaymas (1) 8022	3396	88	59	205	113	12.4	2.3	2.8	2.0	41.5	2.3	5.4	2.8	84.3	12.1
4 Poza Rica 8024	3339	87	62	218	115	9.5	2.0	2.8	2.0	42.3	2.8	10.1	3.0	84.5	12.0
1 Across 7921	3206	83	62	203	109	16.0	2.5	3.0	2.0	42.8	3.0	6.5	2.5	85.8	11.9
11 Across 7729 RE	3166	82	63	213	116	10.7	2.3	2.8	2.3	43.3	2.8	8.7	2.5	85.8	11.7
9 Across 8043	3154	82	64	210	120	15.5	2.5	3.0	2.5	41.0	2.8	7.4	3.0	82.3	11.5
3 La Maquina 8022	3074	80	63	213	115	10.6	2.8	3.0	2.5	39.3	3.0	9.8	2.5	78.0	11.8
10 Across 7728 RE	2874	75	64	205	120	14.4	2.8	2.8	2.5	39.0	2.5	7.7	3.3	78.8	11.9
MEANS	3363	87	61	209	113	13.0	2.5	2.8	2.2	41.7	2.5	8.8	2.7	83.5	11.8
MAXIMUM	3883	101	64	218	120	16.0	3.0	3.0	2.5	43.5	3.0	11.7	3.3	87.8	12.1
MINIMUM	2874	75	58	199	102	9.5	2.0	2.0	2.0	39.0	2.0	5.4	2.3	78.0	11.4
CHECKS (TESTIGOS):															
13 MH-PR-X-272	3854	-	59	224	133	9.3	2.5	2.0	2.0	42.0	2.5	7.2	2.8	84.8	11.8
12 MH-PR-X-270	3233	-	64	218	145	10.2	2.8	2.3	2.0	42.3	2.5	5.3	3.3	85.3	11.6
CHECK MEANS	3543	-	61	220	139	9.8	2.6	2.1	2.0	42.1	2.5	6.3	3.0	85.0	11.7
5% LSD	639.4		2.0	19.2	16.5					4.4					
C.V.	13.1		2.2	6.4	9.8					7.3					

TABLE: 68-EV-83

EVT18A YEAR 1983 MEXICO OBREGON(2)

CO-OPERATOR: O. COTA Y J. M. VALENZUELA

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 Across 8043	9215	101	74	240	136	4.8	11.1	3.4	42.3	4.5	7.0	3.0	1.0	26.4
2 Guaymas (1) 8022	8636	94	69	226	124	0.6	3.4	2.3	43.5	4.4	17.3	3.5	1.0	24.1
7 Across 7929	8636	94	70	234	130	1.7	4.6	2.8	43.5	4.0	13.3	3.4	1.0	23.4
11 Across 7729 RE	8547	93	74	219	118	3.4	9.0	4.5	44.5	4.0	12.4	3.5	1.0	24.9
3 La Maquina 8022	8506	93	74	218	118	1.3	8.6	4.2	41.0	4.1	7.4	3.4	1.0	27.0
6 Pichilingue 7928	8372	92	68	244	140	5.8	14.3	3.9	43.8	4.0	10.8	2.8	1.2	22.4
10 Across 7728 RE	8236	90	74	244	141	2.8	17.5	1.1	43.3	4.0	13.9	3.1	1.1	24.7
1 Across 7921	8232	90	74	219	120	2.4	4.7	5.2	42.3	4.0	5.9	2.9	1.1	26.3
5 Suwan 8027	7903	86	68	225	135	0.0	4.1	5.1	42.5	4.1	14.7	3.1	1.1	24.1
8 Across 7936	7810	85	66	225	120	2.3	1.2	2.1	42.5	3.8	12.5	3.3	1.1	21.8
4 Poza Rica 8024	7372	81	69	231	121	6.5	10.8	3.7	42.0	3.5	9.5	2.8	1.1	24.2
MEANS	8315	91	71	229	128	2.9	8.1	3.5	42.8	4.0	11.3	3.1	1.1	24.5
MAXIMUM	9215	101	74	244	141	6.5	17.5	5.2	44.5	4.5	17.3	3.5	1.2	27.0
MINIMUM	7372	81	66	218	118	0.0	1.2	1.1	41.0	3.5	5.9	2.8	1.0	21.8
CHECKS (TESTIGOS):														
13 V-526	9147	-	72	233	126	1.7	8.8	3.5	42.5	4.0	13.0	3.1	1.0	24.3
12 V-455	8809	-	74	220	124	3.0	11.5	2.1	41.5	4.1	18.1	3.8	1.1	25.6
CHECK MEANS	8978	-	72	226	125	2.4	10.1	2.8	42.0	4.1	15.5	3.4	1.0	25.0
5% LSD	817.1		5.0	17.6	17.4				2.0					2.1
C.V.	6.8		4.9	5.4	9.5				3.3					5.9

TABLE: 69-EV-83

EVT18A YEAR 1983 MEXICO ROSARIO ISAPA

CO-OPERATOR: ING. MANUEL GRAJALES

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
2 Quaymas (1) 8022	6520	109	55	222	103	0.0	0.0	6.6	38.5	3.6	1.5	1.0	24.5
9 Across 8043	6399	107	57	217	104	0.0	0.0	13.8	39.3	3.6	2.0	0.9	23.5
7 Across 7929	6311	106	55	204	103	0.0	0.0	8.2	42.3	3.6	1.5	0.9	27.5
6 Pichilingue 7928	6076	102	54	223	102	1.2	0.0	7.4	41.5	4.0	2.0	1.0	26.5
11 Across 7729 RE	5936	99	56	223	108	1.2	0.0	14.8	39.8	3.6	1.0	1.0	25.0
10 Across 7728 RE	5915	99	54	218	108	0.6	0.0	10.1	42.5	3.9	1.5	0.9	27.5
8 Across 7936	5766	97	55	228	104	0.0	0.0	7.3	42.8	3.6	1.5	0.9	24.3
1 Across 7921	5720	96	55	205	96	0.0	0.0	16.9	41.8	3.6	1.5	0.9	26.3
5 Suwan 8027	5686	95	56	218	112	0.6	0.0	8.3	43.0	3.5	1.5	1.0	23.5
3 La Maquina 8022	5319	89	56	218	103	0.7	0.0	14.3	40.3	3.3	1.3	1.0	25.8
4 Poza Rica 8024	5084	85	54	220	114	0.5	0.0	18.3	40.5	3.8	2.0	1.0	24.3
MEANS	5885	99	55	218	105	0.4	0.0	11.5	41.1	3.6	1.6	1.0	25.3
MAXIMUM	6520	109	57	228	114	1.2	0.0	18.3	43.0	4.0	2.0	1.0	27.5
MINIMUM	5084	85	54	204	96	0.0	0.0	6.6	38.5	3.3	1.0	0.9	23.5
CHECKS (TESTIGOS):													
12 V-525	5971	-	58	221	109	5.7	0.0	15.9	39.8	3.5	1.8	1.1	28.8
13 HS-3	5729	-	57	223	107	3.1	0.0	6.5	38.8	3.5	1.3	0.9	27.0
CHECK MEANS	5850	-	57	222	108	4.4	0.0	11.2	39.3	3.5	1.5	1.0	27.9
5% LSD	1001.0		1.8	24.9	12.8				5.8				3.0
C.V.	11.9		2.3	8.0	8.4				10.0				8.1

TABLE: 70-EV-83

EVT18A YEAR 1983 CUBA TOMEGUIN

CO-OPERATOR: OVILIO RABI

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	VIRUS %	STEM LODG	ROOT LODG	%EAR ROT	PUCC POLY	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
9 Across 8043	7734	116	67	231	127	7.5	0.0	13.4	1.5	1.8	2.0	40.8	2.5	2.3	28.6
11 Across 7729 RE	7628	115	65	211	117	9.8	0.0	5.9	2.1	2.0	2.3	38.3	3.0	1.8	26.5
7 Across 7929	7387	111	64	215	123	11.5	0.6	7.7	3.8	2.3	2.0	41.3	3.0	2.0	27.9
3 La Maquina 8022	7037	106	64	194	106	6.5	1.8	2.9	2.2	2.0	1.8	37.3	3.0	1.5	26.4
4 Poza Rica 8024	6610	99	66	207	117	11.3	0.0	28.2	2.2	2.0	2.3	40.3	2.5	2.5	27.2
1 Across 7921	6559	99	65	206	110	12.0	0.6	13.2	2.3	2.5	1.8	41.5	2.5	1.8	28.0
10 Across 7728 RE	6394	96	65	218	129	9.5	0.6	4.7	1.3	1.5	2.0	39.8	3.0	1.5	28.6
2 Guaymas (1) 8022	6375	96	65	212	120	11.0	0.0	7.4	4.0	2.5	2.0	37.8	3.3	2.8	26.7
6 Pichilingue 7928	6331	95	64	214	113	7.5	0.6	9.8	0.0	2.3	1.8	38.5	2.5	2.8	27.0
5 Suwan 8027	5916	89	64	212	109	11.5	0.0	12.4	1.4	2.3	2.3	35.3	2.5	3.0	24.5
8 Across 7936	5506	83	63	202	110	11.3	1.9	4.0	2.5	2.5	2.0	38.3	3.3	3.5	23.0
MEANS	6684	100	65	211	116	9.9	0.6	10.0	2.1	2.1	2.0	39.0	2.8	2.3	26.8
MAXIMUM	7734	116	67	231	129	12.0	1.9	28.2	4.0	2.5	2.3	41.5	3.3	3.5	28.6
MINIMUM	5506	83	63	194	106	6.5	0.0	2.9	0.0	1.5	1.8	35.3	2.5	1.5	23.0
CHECKS (TESTIGOS):															
12 HD T-77	6658	-	67	246	150	8.0	0.8	21.4	1.4	1.3	1.8	35.5	2.5	3.3	28.5
13 HD T-90	6148	-	67	257	166	8.0	5.6	54.5	0.0	2.3	2.0	33.0	2.0	4.8	25.1
CHECK MEANS	6403	-	67	251	157	8.0	3.2	38.0	0.7	1.8	1.9	34.3	2.3	4.0	26.8
5% LSD	1234.5		1.2	19.3	20.1							4.6			
C.V.	13.0		1.3	6.2	11.4							8.4			

TABLE: 71-EV-83

EVT18A YEAR 1983 CUBA VELASCO

CO-OPERATOR: O. RABU

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	LEAF DISEASES 1-5 SCL	STUNT %	PUCC POLY	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
8 Across 7936	5192	122	54	215	125	12.7	2.5	7.4	4.3	1.8	40.3	2.0	3.0	1.0	15.8
2 Guaymas (1) 8022	5001	117	56	202	100	15.5	2.5	11.3	3.0	1.5	37.8	3.0	2.8	1.0	16.9
6 Pichilingue 7928	4867	114	55	216	108	16.0	2.5	12.7	3.8	1.5	35.0	2.5	2.8	1.0	16.4
11 Across 7729 RE	4826	113	56	212	103	16.3	2.5	10.8	3.3	1.3	37.3	3.0	3.0	1.0	16.3
10 Across 7728 RE	4782	112	54	225	124	18.2	2.0	7.7	3.3	1.8	39.0	2.8	3.8	1.0	16.1
4 Poza Rica 8024	4732	111	55	212	118	14.0	3.0	12.3	4.3	1.5	38.5	2.5	3.0	1.0	16.2
1 Across 7921	4667	109	56	203	111	18.5	2.5	15.9	4.0	2.0	35.8	2.3	3.8	1.0	16.5
3 La Maquina 8022	4645	109	55	211	110	17.5	2.5	11.6	2.8	1.5	36.8	3.0	3.5	1.0	16.5
9 Across 8043	4577	107	58	205	113	21.1	2.0	14.8	3.3	1.0	37.3	2.5	2.3	1.0	15.5
7 Across 7929	4488	105	55	193	101	23.8	2.3	11.2	3.0	1.3	35.5	2.8	3.3	1.0	18.2
5 Suwan 8027	4059	95	54	208	102	20.6	2.8	9.9	3.3	1.8	39.8	2.8	3.3	1.0	16.3
MEANS	4712	111	55	209	110	17.7	2.5	11.4	3.5	1.5	37.5	2.6	3.1	1.0	16.4
MAXIMUM	5192	122	58	225	125	23.8	3.0	15.9	4.3	2.0	40.3	3.0	3.9	1.0	18.2
MINIMUM	4059	95	54	193	100	12.7	2.0	7.4	2.8	1.0	35.0	2.0	2.3	1.0	15.5
CHECKS (TESTIGOS):															
12 HD T-77	4264	-	58	254	156	19.1	1.5	1.3	2.0	1.0	32.0	2.3	4.3	1.1	19.1
13 HD T-90	4204	-	59	253	145	13.4	2.3	6.7	3.3	1.5	33.3	2.8	4.8	1.0	18.3
CHECK MEANS	4234	-	58	253	150	16.2	1.9	4.0	2.6	1.3	32.6	2.5	4.5	1.0	18.7
5% LSD	738.3		1.6	17.2	22.5						5.5				2.2
C.V.	11.1		2.0	5.6	13.5						10.4				9.1

TABLE: 72-EV-83

EVT18A YEAR 1983 YEMEN A.R. ZABID

CO-OPERATOR: A. HAZZA AND ALI KAMBAL

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	%BAD H.C.	PLANT ASPECT	EARS/ PLNT
2 Guaymas (1) 8022	4752	99	64	192	95	0.8	0.8	39.3	8.2	2.7	1.0
6 Pichilingue 7928	4622	97	62	184	83	0.0	5.4	40.3	15.2	2.7	1.0
9 Across 8043	4590	96	66	194	92	0.9	5.4	38.7	8.2	3.0	1.1
1 Across 7921	4525	95	65	181	90	2.6	1.7	36.3	4.5	3.0	1.0
8 Across 7936	4428	93	62	173	88	0.9	3.6	38.3	11.7	3.0	1.0
7 Across 7929	4267	89	64	174	100	0.0	7.5	37.0	28.7	3.7	1.1
4 Poza Rica 8024	4234	89	65	181	93	0.9	2.8	36.3	13.9	3.0	1.1
11 Across 7729 RE	4105	86	66	175	90	1.9	10.5	32.7	16.9	3.0	1.1
5 Suwan 8027	3911	82	65	182	86	2.6	0.0	39.7	4.4	2.7	1.0
10 Across 7728 RE	3879	81	63	176	92	2.9	12.5	35.7	5.9	3.0	1.2
3 La Maquina 8022	362[illegible]	76	64	185	92	1.4	28.1	30.0	13.4	3.7	1.2
MEANS	4267	89	64	182	91	1.3	7.1	36.8	11.9	3.0	1.0
MAXIMUM	4752	99	66	194	100	2.9	28.1	40.3	28.7	3.7	1.2
MINIMUM	3620	76	62	173	83	0.0	0.0	30.0	4.4	2.7	1.0
CHECKS (TESTIGOS):											
12 TIHAMA-1	4784	-	65	223	134	1.7	0.0	39.7	22.7	2.7	1.0
13 KHUMALTAS	3491	-	60	155	89	3.9	17.9	36.3	10.5	3.7	1.1
CHECK MEANS	4137	-	62	189	111	2.8	9.0	38.0	16.6	3.2	1.1
5% LSD	1269.0		2.9	26.7	18.2			5.6			
C.V	17.7		2.7	8.7	11.5			9.0			

TABLE: 73-EV-83

EVT18A YEAR 1983 YEMEN A. R. IBB

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.	EARS/ PLNT
8 Across 7936	5108	91	88	212	100	0.6	0.0	46.0	2.8	2.1	1.0
10 Across 7728 RE	5033	89	100	217	107	1.3	1.3	47.3	2.7	1.9	1.1
5 Suwan 8027	4996	89	95	220	113	0.0	0.0	48.7	2.2	6.4	0.9
6 Pichilingue 7928	4921	87	93	208	112	0.0	0.0	47.7	2.3	3.3	1.0
3 La Maquina 8022	4733	84	97	212	115	4.9	0.0	48.0	2.8	2.7	0.9
11 Across 7729 RE	4658	83	105	210	123	1.3	0.0	51.7	2.7	4.5	1.0
7 Across 7929	4470	79	97	213	123	2.3	0.0	56.0	3.0	4.4	0.9
2 Guaymas (1) 8022	4357	77	96	210	112	1.3	1.9	48.7	3.0	1.9	0.9
4 Poza Rica 8024	4207	75	98	223	113	0.0	1.3	47.7	3.0	1.9	0.9
1 Across 7921	4094	73	104	210	110	1.9	0.0	47.3	2.7	0.8	0.9
9 Across 8043	3794	67	101	210	122	0.7	0.0	47.7	3.0	1.3	0.9
MEANS	4579	81	98	213	114	1.3	0.4	48.8	2.7	2.8	0.9
MAXIMUM	5108	91	105	223	123	4.9	1.9	56.0	3.0	6.4	1.1
MINIMUM	3794	67	88	208	100	0.0	0.0	46.0	2.2	0.8	0.9
CHECKS (TESTIGOS):											
12 MISRI	5634	-	79	242	137	5.9	3.3	50.7	2.0	5.3	0.9
13 SETE LAGOAS 7728	4057	-	100	205	117	0.0	0.7	44.7	3.0	1.4	1.0
CHECK MEANS	4846	-	89	223	126	3.0	2.0	47.7	2.5	3.4	0.9
5% LSD	1106.7		8.0	21.6	19.4			7.3			
C. V.	14.2		4.9	6.0	10.0			8.9			

TABLE: 74-EV-83

EVT18A YEAR 1983 YEMEN A.R. SURDUD

CO-OPERATOR: A. HAZZA AND ALI KAMBAL

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT
8 Across 7936	4679	118	59	245	125	38.0	1.0
6 Pichilingue 7928	4509	113	62	242	125	39.3	1.0
3 La Maquina 8022	4412	111	61	231	114	40.8	1.0
4 Poza Rica 8024	4291	108	61	228	121	39.8	1.0
1 Across 7921	4170	105	64	225	122	40.5	0.9
2 Quaymas (1) 8022	3879	98	64	220	122	38.0	1.0
5 Suwan 8027	3806	96	62	220	113	40.5	1.0
9 Across 8043	3806	96	64	236	130	40.3	0.9
7 Across 7929	3758	95	63	218	123	41.5	0.9
11 Across 7729 RE	3612	91	64	229	135	41.3	0.9
10 Across 7728 RE	3491	88	64	234	129	40.5	1.0
MEANS	4038	102	62	230	124	40.0	1.0
MAXIMUM	4679	118	64	245	135	41.5	1.0
MINIMUM	3491	88	59	218	113	38.0	0.9
CHECKS (TESTIGOS):							
12 TIHAMA-1	3976	-	63	267	159	38.5	0.9
13 KHUMATLAS	2909	-	62	243	135	39.0	0.9
CHECK MEANS	3442	-	62	255	147	38.8	0.9
5% LSD	1206.2		2.1	25.5	22.2	4.8	
C.V.	21.3		2.4	7.6	12.2	8.4	

TABLE: 75-EV-83

EVT18A YEAR 1983 YEMEN A. R. AUSSEI FERA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	EARS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT
3 La Maquina 8022	2592	130	75	97	43	9.9	37.0	2.0	8.0	2.0
6 Pichilingue 7928	2404	121	73	100	50	2.9	33.3	2.3	1.2	2.7
5 Suwan 8027	2366	119	76	113	55	7.5	33.3	2.3	5.6	2.7
8 Across 7936	2141	108	74	103	53	8.8	38.7	3.0	2.3	2.7
4 Poza Rica 8024	2066	104	78	103	43	6.4	30.3	2.0	2.3	2.3
9 Across 8043	1916	96	77	108	47	14.5	26.3	3.0	8.2	2.0
2 Guaymas (1) 8022	1916	96	75	83	38	9.2	32.7	3.0	3.7	2.7
7 Across 7929	1878	94	75	93	42	24.4	26.3	2.7	5.2	2.3
10 Across 7728 RE	1653	83	74	95	38	4.9	29.0	3.0	1.3	2.7
11 Across 7729 RE	1427	72	75	97	38	18.6	21.3	2.7	6.6	3.7
1 Across 7921	1315	66	80	90	33	7.3	26.7	3.0	2.2	3.0
MEANS	1970	99	76	99	44	10.4	30.5	2.6	4.2	2.6
MAXIMUM	2592	130	80	113	55	24.4	38.7	3.0	8.2	3.7
MINIMUM	1315	66	73	83	33	2.9	21.3	2.0	1.2	2.0
CHECKS (TESTIGOS):										
13 TIHAMA-1	1991	-	77	122	57	12.6	25.7	2.7	6.7	2.3
12 KHUMALTAR	1578	-	74	80	43	7.8	34.7	2.0	2.3	3.0
CHECK MEANS	1784	-	75	100	50	10.2	30.2	2.3	4.5	2.7
5% LSD	789.3		4.3	20.1	21.4					
C. V.	24.1		3.4	12.1	28.4					

TABLE: 76-EV-83

EVT18A YEAR 1983 CAMEROON BERTOUA

CO-OPERATOR: NCRE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PUCC POLY	HELM	STREAK 1-5	PLANTS HARV	EARS/ PLNT	MOIST %
8 Across 7936	3095	107	203	123	14.4	35.8	2.5	1.3	2.3	40.0	0.8	31.3
2 Guaymas (1) 8022	2869	99	208	141	20.6	41.7	1.8	1.5	2.3	31.0	1.1	33.9
4 Poza Rica 8024	2633	91	198	130	17.2	32.9	2.0	2.0	2.3	28.8	1.2	31.6
9 Across 8043	2493	86	211	135	15.5	35.4	1.5	1.8	2.3	31.8	0.9	35.8
1 Across 7921	2294	79	211	131	19.2	35.5	1.3	1.8	3.0	32.3	0.9	35.4
6 Pichilingue 7928	2264	78	188	119	22.0	48.4	1.5	1.5	2.0	30.8	0.9	33.4
5 Suwan 8027	2165	75	200	126	18.4	45.1	1.3	1.0	3.3	30.0	0.9	34.2
7 Across 7929	2040	70	193	124	14.7	32.1	1.5	1.0	2.8	26.5	1.0	33.2
3 La Maquina 8022	1941	67	195	118	14.6	46.3	1.5	1.5	2.3	29.8	0.7	32.0
10 Across 7728 RE	1709	59	200	119	20.9	38.1	1.5	1.3	2.5	25.8	0.8	32.4
11 Across 7729 RE	1567	54	160	98	10.8	40.3	1.3	1.0	3.3	28.3	0.8	31.6
MEANS	2278	79	197	124	17.1	39.2	1.6	1.4	2.5	30.4	0.9	33.2
MAXIMUM	3095	107	211	141	22.0	48.4	2.5	2.0	3.3	40.0	1.2	35.8
MINIMUM	1567	54	160	98	10.8	32.1	1.3	1.0	2.0	25.8	0.7	31.3
CHECKS (TESTIGOS):												
12 GUSAN TZB	2899	-	218	140	15.2	35.2	1.0	1.3	1.5	37.8	0.9	35.0
13 SUAKOKO TZPB	2569	--	230	143	15.0	23.5	1.3	1.5	2.5	22.8	1.0	40.3
CHECK MEANS	2734	-	223	141	15.1	29.4	1.1	1.4	2.0	30.3	1.0	37.6
5% LSD	777.4		27.7	22.5						10.7		2.4
C.V.	23.1		9.6	12.4						24.5		4.9

TABLE: 77-EV-83

EVT18A YEAR 1983 GUINEA KINDIA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT
5 Suwan 8027	4260	98	58	169	93	0.0	0.0	42.0	3.0	2.0	88.0	1.0
1 Across 7921	3996	92	59	156	94	0.0	0.0	42.3	3.0	3.0	88.0	1.0
8 Across 7936	3879	89	57	157	95	1.7	2.3	43.0	3.0	2.3	88.0	1.0
4 Poza Rica 8024	3790	87	59	165	100	0.0	1.1	43.0	3.0	2.8	88.0	1.0
10 Across 7728 RE	3790	87	60	162	91	0.6	0.0	43.5	3.5	3.0	88.0	1.0
6 Pichilingue 7928	3585	82	58	155	94	0.0	0.0	41.0	4.0	4.0	88.0	1.0
2 Guaymas (1) 8022	3379	78	59	158	84	3.7	3.7	40.8	3.0	2.5	88.0	1.0
11 Across 7729 RE	3291	76	62	153	73	0.0	0.0	41.3	4.0	3.0	88.0	1.0
7 Across 7929	3291	76	59	156	93	0.6	1.2	41.3	4.0	3.8	88.0	1.0
3 La Maquina 8022	3232	74	59	155	87	0.0	0.0	42.0	3.0	3.0	88.0	1.0
9 Across 8043	2968	68	62	166	93	2.4	1.8	42.3	3.0	3.0	88.0	1.0
MEANS	3587	82	59	159	90	0.8	0.9	42.0	3.3	2.9	88.0	1.0
MAXIMUM	4260	98	62	169	100	3.7	3.7	43.5	4.0	4.0	88.0	1.0
MINIMUM	2968	68	57	153	73	0.0	0.0	40.8	3.0	2.0	88.0	1.0
CHECKS (TESTIGOS):												
12 LOCAL CHECK 1	4352	-	57	164	104	0.0	0.6	43.3	4.0	4.0	88.0	1.0
13 LOCAL CHECK 2	3632	-	57	166	101	0.0	0.0	42.5	4.0	4.0	88.0	1.0
CHECK MEANS	3992	-	56	164	102	0.0	0.3	42.9	4.0	4.0	88.0	1.0
5% LSD	347.5		2.0	4.2	4.5			2.2				
C.V.	4.6		2.3	1.8	3.4			3.6				

TABLE: 78-EV-83

EVT18A YEAR 1983 MALI SOTUBA

CO-OPERATOR: S. R. C. V. O.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	PLANTS HAR'V	EARS/ PLNT	MOIST %
9 Across 8043	3483	87	54	215	113	1.1	30.0	1.0	11.6
5 Suwan 8027	3410	86	53	195	105	4.1	31.0	1.0	12.8
6 Pichilingue 7928	3140	79	52	197	113	2.2	32.0	1.0	12.4
2 Guaymas (1) 8022	2559	64	53	197	98	4.1	30.0	1.0	12.7
3 La Maquina 8022	2163	54	53	182	102	3.0	25.7	1.0	11.0
8 Across 7936	2032	51	51	168	102	5.1	28.0	1.0	13.3
11 Across 7729 RE	2028	51	56	177	108	5.8	19.7	1.0	12.0
4 Poza Rica 8024	1630	41	53	177	102	8.7	21.3	1.0	11.3
7 Across 7929	1154	29	52	167	97	4.3	18.0	0.7	10.8
1 Across 7921	1000	25	52	188	102	10.9	16.0	1.0	11.1
10 Across 7728 RE	879	22	53	187	105	2.7	21.3	1.0	11.1
MEANS	2134	54	53	186	104	4.7	24.8	1.0	11.8
MAXIMUM	3483	87	56	215	113	10.9	32.0	1.0	13.3
MINIMUM	879	22	51	167	97	1.1	16.0	0.7	10.8
CHECKS (TESTIGOS):									
13 TIEMANTIE	3982	-	56	227	123	0.0	24.3	1.0	12.6
12 TIEMANTIE	1650	-	56	207	108	0.0	12.3	0.7	10.9
CHECK MEANS	2816	-	56	216	115	0.0	18.3	0.8	11.8
5% LSD	2720.9		1.0	33.9	19.9		14.3		3.0
C.V.	72.1		1.1	10.5	11.1		35.6		15.3

TABLE: 79-EV-83

EVT18A YEAR 1983 MALI KITA

CO-OPERATOR: S. R. C. V. O.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT
1 Across 7921	3818	124	50	182	83	41.0	0.9
10 Across 7728 RE	3818	124	53	183	85	41.8	1.0
7 Across 7929	3758	122	50	175	81	42.3	1.0
8 Across 7936	3606	117	50	170	83	43.3	0.9
9 Across 8043	3606	117	55	185	83	41.8	0.8
2 Guaymas (1) 8022	3606	117	51	184	94	36.5	1.1
11 Across 7729 RE	3576	116	53	168	67	41.8	1.0
5 Suwan 8027	3546	115	53	182	81	41.8	1.0
4 Poza Rica 8024	3394	110	51	168	77	42.0	0.9
3 La Maquina 8022	3364	109	53	165	70	41.3	0.8
6 Pichilingue 7928	3061	99	53	180	86	40.5	0.9
MEANS	3559	115	52	176	81	41.3	0.9
MAXIMUM	3818	124	55	185	94	43.3	1.1
MINIMUM	3061	99	50	165	67	36.8	0.8
CHECKS (TESTIGOS):							
13 TIEMANTIE	3091	-	51	185	94	33.3	1.0
12 TIEMANTIE	3091	-	51	193	92	32.5	1.0
CHECK MEANS	3091	-	51	188	93	32.9	1.0
5% LSD	997.1			15.3	8.0	5.7	
C.V.	19.9			6.0	6.8	10.0	

TABLE: 80-EV-83

EVT18A YEAR 1983 SIERRA LEONE NJALA

CO-OPERATOR: ACRE PROJECT

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 %
2 Guaymas (1) 8022	2558	170	54	179	92	4.9	3.5	17.6	1.3	34.5	1.3	1.3	1.0	28.8
3 La Maquina 8022	2529	168	54	212	84	5.2	6.0	13.4	1.5	35.3	2.0	2.0	1.0	30.7
9 Across 8043	2507	167	55	189	101	2.9	1.4	16.6	1.3	30.3	1.5	1.8	1.0	27.8
1 Across 7921	2493	166	55	174	88	8.3	2.9	16.5	1.8	33.8	1.3	1.3	1.0	29.0
8 Across 7936	2445	163	55	183	99	5.8	2.3	10.5	1.0	35.0	1.3	1.0	1.0	29.7
6 Pichilingue 7928	2248	149	54	171	89	8.1	4.3	14.7	1.3	34.3	1.3	1.3	1.0	30.9
4 Poza Rica 8024	2231	148	54	167	83	7.9	6.1	11.6	1.3	35.0	1.0	1.0	1.0	32.5
5 Suwan 8027	2180	145	54	178	95	14.9	9.1	14.0	1.3	34.0	1.0	1.0	1.0	33.4
11 Across 7729 RE	2137	142	54	192	87	3.9	2.8	15.0	1.8	33.3	1.8	1.8	1.0	27.8
10 Across 7728 RE	2051	136	54	173	93	9.1	2.3	19.0	1.5	33.0	1.5	1.5	1.0	34.5
7 Across 7929	1819	121	55	168	85	3.5	2.1	20.0	2.0	31.8	1.8	2.0	1.0	30.4
MEANS	2291	152	54	180	91	6.8	3.9	15.4	1.4	33.6	1.4	1.4	1.0	30.5
MAXIMUM	2558	170	55	212	101	14.9	9.1	20.0	2.0	35.3	2.0	2.0	1.0	34.5
MINIMUM	1819	121	54	167	83	2.9	1.4	10.5	1.0	30.3	1.0	1.0	1.0	27.8
CHECKS (TESTIGOS):														
13 TALCOO	1505	-	54	200	93	5.9	4.3	12.8	1.5	30.8	1.8	1.8	1.0	29.7
12 WESTERN YELLOW	1222	-	55	175	94	5.3	3.3	19.3	2.0	28.8	2.8	2.8	0.9	28.5
CHECK MEANS	1363	-	54	187	93	5.6	3.8	16.0	1.8	29.8	2.3	2.3	1.0	29.1
5% LSD	780.4		1.6	50.4	17.3					5.5				4.5
C.V.	25.3		2.1	19.4	13.3					11.6				10.5

TABLE. 81-EV-83

EVT18A YEAR 1983 MALAWI CHITEDZE

CO-OPERATOR: NATIONAL MAIZE PROGRAM

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 %
3 La Maquina 8022	5616	105	70	189	97	4.0	4.5	4.4	44.0	15.4	85.5	1.2	18.4
5 Suwan 8027	5465	102	70	199	94	13.2	13.0	0.8	48.3	7.3	87.8	1.2	17.8
10 Across 7728 RE	4765	89	73	204	101	6.3	6.1	2.7	44.5	9.6	86.3	1.2	18.8
11 Across 7729 RE	4693	87	73	195	90	6.3	3.0	4.3	42.5	9.5	85.5	1.2	17.5
9 Across 8043	4644	86	77	214	110	19.0	20.9	1.6	44.3	5.9	85.3	1.0	19.6
1 Across 7921	4538	84	74	191	92	6.9	3.0	1.7	42.5	8.0	85.0	1.1	18.4
2 Guaymas (1) 8022	4315	80	71	180	90	18.7	8.1	1.0	48.0	3.4	87.5	1.0	16.3
4 Poza Rica 8024	4290	80	72	200	101	35.4	4.0	2.4	47.0	11.7	86.3	1.1	17.1
7 Across 7929	4282	80	70	194	97	6.2	16.8	2.2	44.3	16.6	87.5	1.2	17.4
8 Across 7936	4103	76	68	183	93	13.3	13.6	1.1	47.3	8.9	86.5	1.0	16.8
6 Pichilingue 7928	4026	75	72	188	90	26.5	10.8	1.5	43.5	2.6	86.3	1.1	17.7
MEANS	4612	86	72	194	96	14.2	9.4	2.2	45.1	9.0	86.3	1.1	17.8
MAXIMUM	5616	105	77	214	110	35.4	20.9	4.4	48.3	16.6	87.8	1.2	19.6
MINIMUM	4026	75	68	180	90	4.0	3.0	0.8	42.5	2.6	85.0	1.0	16.3
CHECKS (TESTIGOS):													
13 UCAC2	5374	-	76	245	134	13.1	10.5	2.8	43.5	6.9	87.0	1.0	20.6
12 CCCCO	5027	-	71	198	94	7.6	3.2	4.6	38.0	12.7	73.5	1.2	18.0
CHECK MEANS	5201	-	73	221	113	10.3	6.8	3.7	40.8	9.8	80.3	1.1	19.3
5% LSD	1165.6		2.8	16.2	10.3				6.2				1.8
C.V.	17.3		2.7	5.7	7.3				9.7				7.1

TABLE: 82-EV-83

EVT18A YEAR 1983 MALAWI BVUNMBWE

CO-OPERATOR: NATIONAL MAIZE PROGRAMME

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC	HELM	PLANTS HARV	%BAD H. C	EARS/ PLNT	MOIST %
3 La Maquina 8022	7768	98	72	229	122	9.2	0.0	7.8	2.8	1.3	43.8	15.3	1.1	20.1
2 Guaymas (1) 8022	7672	97	71	210	109	4.5	4.0	8.5	2.0	1.3	44.0	11.6	1.1	20.3
9 Across 8043	7512	95	78	234	134	11.4	4.7	4.3	1.5	1.3	43.0	4.9	1.1	19.0
11 Across 7729 RE	7483	94	72	222	120	6.7	4.7	5.7	2.0	1.5	42.3	4.8	1.2	20.1
1 Across 7921	7191	91	75	208	105	9.4	1.7	2.1	2.0	1.5	42.5	5.5	1.1	19.5
5 Suwan 8027	7140	90	72	223	119	9.2	1.7	4.1	5.0	2.5	43.5	6.7	1.3	19.9
7 Across 7929	7140	90	72	212	110	12.8	3.4	4.6	2.3	1.8	43.0	4.0	1.1	18.6
10 Across 7728 RE	6797	86	72	226	120	10.8	2.9	5.7	2.3	2.5	42.0	6.7	1.3	19.2
6 Pichilingue 7928	6756	85	72	232	127	14.3	2.4	7.3	3.3	2.0	42.0	11.0	1.1	19.0
8 Across 7936	6623	83	71	211	109	12.0	1.1	4.7	3.8	3.0	43.0	6.9	1.1	17.8
4 Poza Rica 8024	6601	83	77	234	129	12.2	3.5	10.5	4.5	2.0	43.0	10.5	1.2	19.1
MEANS	7153	90	73	222	118	10.2	2.8	5.9	2.8	1.9	42.9	8.0	1.1	19.3
MAXIMUM	7768	98	78	234	134	14.3	4.7	10.5	5.0	3.0	44.0	15.3	1.3	20.3
MINIMUM	6601	83	71	208	105	4.5	0.0	2.1	1.5	1.3	42.0	4.0	1.1	17.8
CHECKS (TESTIGOS):														
12 CCCCO	7940	-	72	233	125	13.1	1.2	8.2	1.0	1.5	42.3	8.7	1.1	19.9
13 UCAC2	6037	-	78	277	155	13.8	40.6	17.4	1.0	1.0	43.3	14.1	0.9	19.8
CHECK MEANS	6988	-	74	255	139	13.4	20.9	12.8	1.0	1.3	42.8	11.4	1.0	19.8
5% LSD	762.5		0.9	21.2	20.3						2.1			1.7
C.V.	7.5		0.8	6.5	11.7						3.4			6.1

TABLE: 83-EV-83

EVT18A YEAR 1983 MALAWI MBAWA

CO-OPERATOR: NATIONAL MAIZE PROGRAM

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC	HELM	PLANTS HARV	PLNTS GERM	EARS/ PLNT	MOIST %
3 La Maquina 8022	4373	116	75	198	75	6.4	0.6	0.0	1.3	3.8	43.0	87.5	1.0	14.1
9 Across 8043	3852	102	78	252	102	2.9	0.6	2.9	1.3	3.3	43.5	80.3	1.0	14.7
5 Suwan 8027	3711	99	75	224	87	5.2	0.0	2.8	1.5	2.5	43.8	88.0	1.1	15.1
8 Across 7936	3647	97	72	204	83	14.3	0.6	1.7	1.8	3.3	43.8	87.5	1.0	13.3
10 Across 7728 RE	3547	94	74	225	92	8.1	0.0	2.7	1.5	3.3	43.0	87.0	1.1	14.6
2 Guaymas (1) 8022	3515	94	76	200	72	8.0	0.6	2.3	1.8	3.5	44.0	87.8	1.0	14.1
6 Pichilingue 7928	3475	92	75	276	122	6.3	1.2	2.3	2.0	3.3	43.8	87.3	1.0	14.0
11 Across 7729 RE	3288	87	77	190	72	7.0	0.0	1.7	1.5	2.5	43.0	87.5	1.0	15.1
1 Across 7921	3287	87	78	189	62	4.0	0.6	2.8	1.8	3.0	43.8	88.0	1.0	15.4
4 Poza Rica 8024	3285	87	76	209	78	12.6	0.6	2.3	1.8	3.8	43.3	87.3	1.0	13.6
7 Across 7929	3046	81	77	195	68	8.0	1.1	2.3	1.5	3.3	43.8	88.0	1.0	15.3
MEANS	3548	94	76	215	83	7.5	0.5	2.2	1.6	3.2	43.5	86.9	1.0	14.5
MAXIMUM	4373	116	78	276	122	14.3	1.2	2.9	2.0	3.8	44.0	88.0	1.1	15.4
MINIMUM	3046	81	72	189	62	2.9	0.0	0.0	1.3	2.5	43.0	80.3	1.0	13.3
CHECKS (TESTIGOS):														
12 CCCCO	3758	-	76	214	77	6.9	0.6	2.3	1.5	3.3	43.3	86.8	1.0	15.0
13 UCAC2	3577	-	78	282	133	14.3	0.0	0.6	1.3	2.8	43.8	86.8	1.0	14.3
CHECK MEANS	3667	-	77	247	105	10.6	0.3	1.4	1.4	3.0	43.5	86.8	1.0	14.6
5% LSD	991.6		2.7	24.0	25.8						1.0			2.0
C V.	19.4		2.5	7.6	20.8						1.6			9.4

TABLE: 84-EV-83

EVT18A YEAR 1983 REUNION MON CAPRICE

CO-OPERATOR: IRAT

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	DISEASES %	STEM LODG	ROOT LODG	%EAR ROT	STUNT %	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
2 Guaymas (1) 8022	4425	107	59	178	105	4.3	5.9	3.3	3.1	8.1	40.0	1.3	0.8	30.9
8 Across 7936	3972	96	59	183	100	4.8	13.5	6.5	5.0	8.1	39.5	1.3	0.7	29.6
5 Suwan 8027	3965	96	59	183	93	6.5	7.1	2.9	2.0	9.5	42.8	1.0	0.8	32.6
4 Poza Rica 8024	3795	92	59	175	103	9.3	13.8	1.2	1.6	6.3	43.5	1.5	0.7	31.1
6 Pichilingue 7928	3631	88	58	180	108	9.5	19.9	15.4	1.6	11.9	39.5	2.0	0.8	32.1
9 Across 8043	3617	88	64	180	108	8.0	2.9	1.2	3.3	8.1	42.8	1.8	0.7	32.2
1 Across 7921	3518	85	64	163	95	10.3	8.0	1.7	0.0	10.5	43.3	2.0	0.6	32.0
10 Across 7728 RE	3337	81	65	173	110	7.8	19.5	4.2	0.0	10.2	41.5	2.0	0.7	32.9
3 La Maquina 8022	2950	71	65	155	93	11.3	7.3	0.0	1.3	18.4	41.8	2.0	0.5	31.9
11 Across 7729 RE	2557	62	66	160	90	10.3	9.7	0.6	0.0	16.0	41.3	2.8	0.6	31.7
7 Across 7929	2252	55	59	155	93	9.0	16.8	4.3	1.1	15.7	40.0	2.8	0.5	30.4
MEANS	3456	84	61	171	100	8.3	11.3	3.7	1.7	11.2	41.4	1.8	0.7	31.6
MAXIMUM	4425	107	66	183	110	11.3	19.9	15.4	5.0	18.4	43.5	2.8	0.8	32.9
MINIMUM	2252	55	58	155	90	4.3	2.9	0.0	0.0	6.3	39.5	1.0	0.5	29.6
CHECKS (TESTIGOS):														
12 REVOLUTION	4127	-	66	175	128	5.3	10.2	4.6	0.0	6.6	42.0	2.3	0.8	31.4
13 IRAT 143	3393	-	59	195	103	10.0	10.1	8.9	3.8	14.9	42.3	2.3	0.6	27.9
CHECK MEANS	3760	-	62	185	115	7.6	10.1	6.8	1.9	10.7	42.1	2.3	0.7	29.6
5% LSD	1148.3		1.6	28.9	17.6						3.4			
C.V.	22.9		1.8	11.7	12.0						5.8			

TABLE: 85-EV-83

EVT18A YEAR 1983 SWAZILAND MALKERNS

CO-OPERATOR: JOHN PALI-SHIKHULU EDO LIN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	DIPLODIA %	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	% FUSARIUM	% GIBBER-ELLA	NIGRO-SPORA %	MOIST %
3 La Maquina 8022	8339	92	282	160	1.0	0.6	5.7	5.1	2.5	44.0	2.0	7.1	4.0	1.1	15.9
2 Guaymas (1) 8022	7838	87	264	153	1.4	2.8	2.3	5.0	3.0	44.0	1.5	3.1	7.0	1.1	14.1
9 Across 8043	7704	85	286	173	0.0	2.3	0.6	2.7	2.5	44.0	1.5	5.3	6.3	1.1	15.7
7 Across 7929	7500	83	272	162	0.6	2.3	2.3	5.0	3.0	44.0	2.0	6.7	9.0	0.6	14.6
1 Across 7921	7475	83	275	167	2.0	2.3	1.7	3.3	2.0	44.0	1.5	2.0	5.3	0.0	15.8
10 Across 7728 RE	7305	81	290	170	2.1	1.1	6.8	5.8	2.5	44.0	2.5	6.6	7.9	4.0	14.4
5 Suwan 8027	7187	80	261	156	2.4	0.0	3.4	2.8	3.3	44.0	1.5	10.2	2.8	2.3	16.0
8 Across 7936	7057	78	233	141	1.2	3.4	8.5	4.5	2.5	44.0	2.0	5.8	6.4	1.7	13.3
6 Pichilingue 7928	6325	70	279	140	1.1	3.4	13.1	7.3	2.3	44.0	2.0	10.4	9.7	4.0	12.3
4 Poza Rica 8024	5878	65	269	169	0.8	6.8	18.2	12.5	3.0	44.0	2.3	7.2	3.8	5.1	11.1
MEANS	7261	81	271	159	1.3	2.5	6.3	5.4	2.7	44.0	1.9	6.4	6.2	2.1	14.3
MAXIMUM	8339	92	290	173	2.4	6.8	18.2	12.5	3.3	44.0	2.5	10.4	9.7	5.1	16.0
MINIMUM	5878	65	233	140	0.0	0.0	0.6	2.7	2.0	44.0	1.5	2.0	2.8	0.0	11.1
CHECKS (TESTIGOS):															
13 SR 52	9015	-	250	152	2.7	4.0	22.7	13.4	2.8	44.0	1.3	8.9	2.3	1.1	11.5
12 R 5205	8727	-	296	178	1.9	6.8	21.6	7.3	4.5	44.0	1.5	4.3	6.8	0.0	11.6
11 PIONEER 95	7673	-	273	156	4.7	2.8	6.3	7.9	2.5	44.0	2.0	3.6	5.1	2.8	14.6
CHECK MEANS	8472	-	272	161	3.1	4.5	16.9	9.5	3.3	44.0	1.6	5.6	4.8	1.3	12.6
5% LSD	1428.2		26.2	21.7											
C.V.	13.2		6.7	9.5											

TABLE: 86-EV-83

EVT18A YEAR 1983 TANZANIA ILONGA

CO-OPERATOR: NATIONAL MAIZE RESEARCH PROGRAMME

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	STREAK %	PLANTS HARV	EARS/ PLNT	MOIST %
5 Suwan 8027	3137	123	64	185	91	0.0	9.5	14.3	43.8	1.0	21.4
9 Across 8043	3074	120	67	194	113	0.6	8.7	14.0	42.0	0.9	23.7
3 La Maquina 8022	2847	111	64	172	91	0.0	12.1	14.3	43.0	0.9	23.1
6 Pichilingue 7928	2581	101	65	181	96	1.2	8.3	16.5	43.5	0.9	21.2
4 Poza Rica 8024	2571	100	64	175	94	3.5	11.2	15.5	43.3	0.9	21.0
1 Across 7921	2504	98	67	166	89	1.7	12.9	18.0	42.5	0.8	23.6
11 Across 7729 RE	2443	95	66	166	90	0.0	13.0	21.0	44.0	0.8	21.4
8 Across 7936	2268	89	64	154	87	0.0	11.2	14.0	44.0	0.9	20.1
7 Across 7929	2257	88	66	160	82	2.8	20.2	14.8	39.5	0.9	23.3
2 Guaymas (1) 8022	2209	86	65	166	89	1.1	9.5	16.3	43.0	0.8	22.6
10 Across 7728 RE	2008	78	68	175	95	1.1	11.8	15.3	42.8	0.7	21.8
MEANS	2536	99	65	172	92	1.1	11.7	15.8	42.8	0.9	22.1
MAXIMUM	3137	123	68	194	113	3.5	20.2	21.0	44.0	1.0	23.7
MINIMUM	2008	78	64	154	82	0.0	8.3	14.0	39.5	0.7	20.1
CHECKS (TESTIGOS):											
13 ICW	2558	-	71	238	138	2.9	8.9	9.3	43.3	0.7	23.2
12 STAHA	2556	-	66	201	109	0.6	9.9	9.8	41.5	0.8	23.1
CHECK MEANS	2557	-	68	219	123	1.8	9.4	9.5	42.4	0.8	23.1
5% LSD	955.4		1.5	20.4	12.2				3.0		1.8
C.V.	26.2		1.6	8.0	8.8				4.9		5.5

TABLE: 87-EV-83

EVT18A YEAR 1983 ZAIRE KANIAMA

CO-OPERATOR: PROGRAMME NATIONAL MAIS

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC POLY	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
3 La Maquina 8022	9140	120	62	217	101	6.0	36.4	1.3	1.8	4.0	37.8	2.0	11.3	2.3	27.0
9 Across 8043	8303	109	67	238	119	10.2	41.1	0.0	1.5	0.8	38.3	2.0	5.0	2.0	25.7
11 Across 7729 RE	8186	107	65	213	98	5.8	28.9	3.8	1.3	2.3	38.5	2.3	9.9	2.3	24.9
10 Across 7728 RE	7606	100	64	229	112	11.8	24.5	0.6	2.0	1.0	39.5	2.0	8.0	2.0	27.9
1 Across 7921	7008	92	65	207	100	12.7	44.1	3.6	1.8	5.3	34.8	2.3	3.3	2.0	25.5
7 Across 7929	6764	89	64	200	99	6.9	44.7	4.1	1.5	5.3	34.8	2.3	11.7	2.5	25.6
6 Pichilingue 7928	6312	83	63	215	104	3.2	37.3	1.8	1.5	2.8	34.5	2.0	5.5	2.3	23.7
5 Suwan 8027	6291	82	64	202	96	6.5	36.6	3.8	1.0	1.8	37.5	2.0	5.4	2.3	21.1
8 Across 7936	6123	80	62	197	95	4.6	34.5	0.0	1.5	2.8	37.0	2.0	7.8	2.5	23.1
2 Guaymas (1) 8022	6037	79	63	199	91	7.5	29.3	3.4	1.5	2.3	36.8	2.3	7.1	2.5	24.3
4 Poza Rica 8024	5438	71	66	207	96	12.0	37.7	1.9	1.8	7.8	31.5	2.3	8.1	3.0	23.6
MEANS	7019	92	64	211	101	7.9	35.9	2.2	1.5	3.3	36.4	2.1	7.6	2.3	24.8
MAXIMUM	9140	120	67	238	119	12.7	44.7	4.1	2.0	7.8	39.5	2.3	11.7	3.0	27.9
MINIMUM	5438	71	62	197	91	3.2	24.5	0.0	1.0	0.8	31.5	2.0	3.3	2.0	21.1
CHECKS (TESTIGOS):															
12 POOL 24	7634	-	60	198	92	8.5	28.6	0.7	1.8	2.8	38.8	2.3	8.3	2.5	25.7
13 KASAI I	6349	-	67	207	98	6.1	52.6	3.9	1.3	8.0	31.0	2.3	1.7	2.5	24.0
CHECK MEANS	6991	-	63	202	94	7.3	40.6	2.3	1.5	5.4	34.9	2.3	5.0	2.5	24.8
5% LSD	1933.9		3.0	16.9	10.4						6.8				
C. V.	19.2		3.3	5.6	7.2						13.1				

TABLE: 88-EV-83

EVT18A YEAR 1983 ZIMBABWE RATTRAY-ARNOLD

CO-OPERATOR: R. C. OLVER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	PLNTS GERM	EARS/ PLNT	MOIST %
2 Quaymas (1) 8022	8150	73	67	251	148	3.1	1.8	2.9	40.3	84.3	1.1	16.0
3 La Maquina 8022	8026	72	69	239	145	2.0	6.9	2.5	39.5	83.3	1.0	16.4
7 Across 7929	7990	72	69	253	149	2.3	16.2	4.7	42.3	85.0	1.0	15.6
9 Across 8043	7765	70	75	290	153	1.3	8.6	3.7	37.8	79.3	1.1	16.0
1 Across 7921	7709	69	69	259	135	5.2	18.4	2.9	39.3	84.3	1.1	16.0
11 Across 7729 RE	7637	68	70	264	150	5.8	8.1	5.8	39.5	81.3	1.1	15.7
6 Pichilingue 7928	7474	67	69	251	145	2.0	10.6	2.6	37.3	84.0	1.1	15.6
10 Across 7728 RE	7405	66	72	270	153	3.8	9.6	5.2	39.0	83.5	1.2	16.4
8 Across 7936	7126	64	65	229	135	4.3	3.0	5.6	33.8	76.5	1.2	14.6
5 Suwan 8027	7095	64	68	255	150	3.9	3.1	3.8	39.0	80.0	1.0	15.5
4 Poza Rica 8024	6920	62	72	270	164	5.6	6.1	2.4	36.0	76.5	1.1	15.8
MEANS	7573	68	69	257	148	3.6	8.4	3.8	38.5	81.6	1.1	15.8
MAXIMUM	8150	73	75	290	164	5.8	18.4	5.8	42.3	85.0	1.2	16.4
MINIMUM	6920	62	65	229	135	1.3	1.8	2.4	33.8	76.5	1.0	14.6
CHECKS (TESTIGOS):												
12 ZS225	11157	-	62	265	148	0.6	6.5	0.6	42.3	82.5	1.0	14.7
13 SR52	10523	-	72	300	159	3.4	46.7	4.6	38.5	82.8	1.0	16.1
CHECK MEANS	10840	-	67	282	153	2.0	26.6	2.6	40.4	82.6	1.0	15.4
5% LSD	945.0		2.5	21.9	17.5				4.0			1.0
C.V.	8.2		2.5	5.9	8.2				7.2			4.5

TABLE: 89-EV-83

EVT18A YEAR 1983 ZIMBABWE KADOMA

CO-OPERATOR: R. C. OLVER

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
1 Across 7921	3295	106	190	90	8.1	1.7	4.9	43.5	1.8	3.5	0.7	13.5
2 Guaymas (1) 8022	3246	104	184	86	5.3	0.6	1.9	42.0	1.8	3.8	0.6	13.4
3 La Maquina 8022	3146	101	181	81	2.9	0.0	0.9	43.5	2.0	3.8	0.6	13.5
11 Across 7729 RE	2854	92	191	86	5.8	0.0	4.0	43.5	1.8	3.8	0.6	13.0
7 Across 7929	2760	89	183	88	4.8	0.0	6.1	41.5	2.0	3.8	0.6	13.3
4 Poza Rica 8024	2734	88	185	90	17.8	0.0	0.0	42.0	1.3	3.8	0.6	13.2
5 Suwan 8027	2597	83	194	95	7.0	0.0	3.2	43.0	1.5	3.5	0.6	12.9
10 Across 7728 RE	2425	78	184	95	11.6	0.0	5.7	41.5	1.5	4.0	0.5	12.8
9 Across 8043	2418	78	204	94	10.1	0.0	0.0	42.3	2.0	3.8	0.5	13.8
6 Pichilingue 7928	2307	74	191	88	12.9	0.7	0.0	42.5	1.5	3.8	0.5	12.6
8 Across 7936	2146	69	175	86	18.2	0.6	3.6	40.5	2.0	4.0	0.7	12.5
MEANS	2721	87	187	89	9.5	0.3	2.8	42.3	1.7	3.8	0.6	13.1
MAXIMUM	3295	106	204	95	18.2	1.7	6.1	43.5	2.0	4.0	0.7	13.8
MINIMUM	2146	69	175	81	2.9	0.0	0.0	40.5	1.3	3.5	0.5	12.5
CHECKS (TESTIGOS):												
13 S.R.52	3118	-	209	100	7.5	0.0	4.0	43.0	1.8	3.3	0.6	14.6
12 ZS225	2122	-	210	89	12.2	0.0	13.4	41.3	2.8	4.0	0.5	12.0
CHECK MEANS	2620	-	209	94	9.8	0.0	8.7	42.1	2.3	3.6	0.5	13.3
5% LSD	959.2		16.1	8.7				2.9				0.8
C.V	24.7		5.9	6.8				4.8				4.1

TABLE: 90-EV-83

EVT18A YEAR 1983 SRI LANKA GIRANDURUKOTTE

CO-OPERATOR: C. B. HINDAGALA/L. P. SOMADASA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT
7 Across 7929	6503	123	54	185	84	0.0	1.9	7.4	42.3	1.0
9 Across 8043	6124	115	56	196	91	0.0	3.0	10.7	42.0	0.9
10 Across 7728 RE	5840	110	55	196	94	0.6	1.2	4.9	43.3	0.9
11 Across 7729 RE	5587	105	56	189	94	0.0	0.0	7.4	42.0	1.0
6 Pichilingue 7928	5556	105	55	194	94	1.3	5.0	3.5	40.8	0.9
2 Guaymas (1) 8022	5524	104	56	181	86	1.4	2.0	2.4	40.3	1.0
3 La Maquina 8022	5429	102	54	185	89	0.0	0.0	4.8	42.3	1.0
8 Across 7936	5272	99	54	183	88	0.0	3.0	6.9	41.8	1.0
1 Across 7921	5208	98	54	193	91	0.0	1.2	8.0	42.8	0.9
4 Poza Rica 8024	5208	98	54	185	94	0.6	1.8	8.2	41.5	0.9
5 Suwan 8027	5114	96	54	184	100	0.0	0.6	4.4	42.5	0.9
MEANS	5579	105	55	188	91	0.3	1.8	6.2	41.9	0.9
MAXIMUM	6503	123	56	196	100	1.4	5.0	10.7	43.3	1.0
MINIMUM	5114	96	54	181	84	0.0	0.0	2.4	40.3	0.9
CHECKS (TESTIGOS):										
13 COMPOSITE-6	5303	-	54	199	95	0.6	0.6	8.5	42.0	1.0
12 BHADRA-1	5177	-	56	193	103	3.4	0.6	3.7	40.3	1.0
CHECK MEANS	5240	-	55	195	98	2.0	0.6	6.1	41.1	1.0
5% LSD	816.9		1.3	15.7	9.0				3.4	
C.V.	10.3		1.6	5.8	6.8				5.6	

TABLE: 91-EV-83

TRIAL: ELVT 18A

YEAR: 1983

MEANS ACROSS 47 LOCATIONS

ENTRY NO. AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
2 Guaymas (1) 8022	4828	Mezcla Tropical Blanco	106	59	208
3 La Maquina 8022	4793	" " "	106	60	205
9 Across 8043	4716	La Posta	104	62	222
7 Across 7929	4691	Tuxpeño Caribe	104	59	207
6 Pichilingue 7928	4667	Amarillo Dentado	103	59	215
1 Across 7921	4595	Tuxpeño 1	101	60	206
8 Across 7936	4577	Cogollero	101	57	207
5 Suwan 8027	4551	Amarillo Cristalino	100	59	209
10 Across 7728 RE	4529	Amarillo Dentado	100	60	215
11 Across 7729 RE	4445	Tuxpeño-Caribe	98	61	206
4 Poza Rica 8024	4326	Ant. x Veracruz 181	96	59	210

TABLE: 92-EV-83

EVT188 YEAR 1983 PHILIPPINES ILAGAN

CO-OPERATOR: BPI

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	LEAF DIS.	LEAF DIS.	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
8 Across 7726 RE	7907	85	63	169	70	7.5	1.2	1.3	1.3	1.5	42.0	1.8	1.5	1.0	13.3
1 Across 8023	6889	74	64	163	70	7.4	10.3	1.0	1.0	1.5	29.3	1.5	1.3	1.1	13.4
6 Poza Rica 8032	5842	63	66	164	65	4.0	5.4	1.3	1.0	1.3	26.3	1.5	1.5	1.1	15.4
9 Pirsabak (1) 7930 RE	5652	61	58	148	56	5.2	0.0	1.5	1.3	2.0	43.0	2.0	2.5	1.1	11.6
5 Sete Lagoas 7931	5021	54	57	150	51	1.0	0.0	1.8	1.0	2.0	24.8	2.0	2.3	1.1	12.5
3 Ilonga (1) 7930	4747	51	58	148	55	6.6	1.0	1.5	1.0	2.0	31.8	2.0	2.3	1.0	12.0
4 Across 7930	4126	45	57	151	62	4.4	1.3	1.3	1.3	1.8	22.3	1.8	2.0	1.1	12.8
7 Poza Rica 8035	3824	41	61	153	57	11.9	0.0	1.0	1.0	1.5	16.0	1.5	1.3	1.2	13.0
2 Across 7926	3745	40	62	153	58	14.5	2.9	1.3	1.0	1.0	15.0	1.3	1.5	1.1	13.7
MEANS	5306	57	61	155	60	6.9	2.5	1.3	1.1	1.6	27.8	1.7	1.8	1.1	13.1
MAXIMUM	7907	85	66	169	70	14.5	10.3	1.8	1.3	2.0	43.0	2.0	2.5	1.2	15.4
MINIMUM	3745	40	57	148	51	1.0	0.0	1.0	1.0	1.0	15.0	1.3	1.3	1.0	11.6
CHECKS (TESTIGOS)															
11 LOCAL CHECK 2	9251	-	65	166	79	4.0	1.1	1.0	1.0	1.5	44.0	2.0	1.8	1.1	13.1
10 LOCAL CHECK 1	7644	-	64	167	72	5.8	0.6	1.0	1.0	1.3	42.3	2.0	1.5	1.1	14.9
CHECK MEANS	8447	-	64	166	75	4.9	0.9	1.0	1.0	1.4	43.1	2.0	1.6	1.1	14.0
5% LSD	870.6		1.5	11.5	8.5						5.2				1.5
C.V.	10.3		1.6	5.1	9.3						11.7				7.7

TABLE: 93-EV-83

EVT188 YEAR 1983 ARGENTINA BUENOS AIRES

CO-OPERATOR: CRIADERO MORGAN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PUCC	PLANTS HARV	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
9 Pirsabak (1) 7930 RE	2065	45	193	100	15.4	3.8	2.0	31.5	19.8	4.3	0.8	15.8
2 Across 7926	2028	44	176	86	20.2	3.4	2.0	31.8	31.3	4.3	1.0	13.3
6 Poza Rica 8032	1832	40	208	105	25.0	2.5	2.0	32.8	9.2	2.3	0.8	16.6
7 Poza Rica 8035	1706	37	193	98	24.6	3.1	2.0	32.0	12.1	3.8	0.9	16.9
5 Sete Lagoas 7931	1610	35	198	103	26.2	2.7	2.8	29.5	29.2	4.8	0.8	18.2
1 Across 8023	1520	33	200	103	14.3	2.5	2.3	31.3	9.6	2.0	0.9	15.4
4 Across 7930	1359	30	161	88	14.0	2.5	2.3	30.5	21.1	3.3	0.7	14.9
8 Across 7726 RE	964	21	208	108	25.3	0.0	2.0	32.3	7.3	2.3	0.8	15.5
3 Ilonga (1) 7930	958	21	180	89	36.6	5.1	2.3	29.8	18.3	4.3	0.6	18.1
MEANS	1560	34	191	98	22.4	2.8	2.2	31.3	17.5	3.4	0.8	16.1
MAXIMUM	2065	45	208	108	36.6	5.1	2.8	32.8	31.3	4.6	1.0	18.2
MINIMUM	958	21	161	86	14.0	0.0	2.0	29.5	7.3	2.0	0.6	13.3
CHECKS (TESTIGOS):												
11 CARGILL TRIHIB 81	4558	-	189	89	19.0	2.3	2.3	34.0	11.5	3.0	1.0	17.2
10 MORGAN 400	3450	-	178	93	24.8	4.2	2.0	29.3	7.2	4.0	1.1	15.4
CHECK MEANS	4004	-	183	90	21.9	3.2	2.1	31.6	9.4	3.5	1.0	16.3
5% LSD	661.2		20.2	12.4				4.2				
C.V.	22.8		7.4	8.9				9.3				

TABLE: 94-EV-83

EVT188 YEAR 1983 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	PLANT ASPECT	EARS/ PLNT	MOIST %
9 Pirsabak (1) 7930 RE	5247	94	64	193	98	0.0	0.0	5.1	39.0	1.5	2.3	1.1	19.5
3 Ilonga (1) 7930	5226	94	63	205	103	0.6	0.0	9.3	38.0	1.3	2.0	1.2	17.8
1 Across 8023	5195	94	64	215	110	1.4	0.0	11.1	40.3	2.0	1.5	1.0	19.3
4 Across 7930	5168	93	64	203	108	1.9	0.0	8.3	38.3	2.0	2.0	1.1	18.4
2 Across 7926	5136	92	64	218	120	2.6	0.7	9.5	39.3	1.8	1.8	1.1	19.2
5 Sete Lagoas 7931	5086	92	64	218	121	3.5	0.0	10.5	35.0	1.5	1.5	1.2	18.5
8 Across 7726 RE	4835	87	64	223	125	0.0	0.0	9.8	36.0	2.0	2.0	1.1	19.4
6 Poza Rica 8032	4797	86	64	210	110	0.0	0.0	6.3	39.5	1.3	2.0	1.0	21.2
7 Poza Rica 8035	4659	84	64	205	103	0.0	1.4	6.2	36.0	2.5	1.8	0.9	17.5
MEANS	5039	91	64	210	111	1.1	0.2	8.5	37.9	1.8	1.9	1.1	19.0
MAXIMUM	5247	94	64	223	125	3.5	1.4	11.1	40.3	2.5	2.3	1.2	21.2
MINIMUM	4659	84	63	193	98	0.0	0.0	5.1	35.0	1.3	1.5	0.9	17.5
CHECKS (TESTIGOS)													
10 BLANCO CRISTALINO I	5559	-	64	205	103	0.0	0.0	9.1	33.3	1.9	2.0	1.1	20.6
11 ETO BLANCO IBOP	4900	-	64	225	123	0.0	1.3	5.4	37.3	2.0	2.0	1.0	21.5
CHECK MEANS	5227	-	63	215	112	0.0	0.7	7.2	35.3	1.9	2.0	1.0	21.1
5% LSD	1243.9		0.8	27.2	19.1				5.3				2.4
C.V	17.0		0.8	9.0	11.9				9.8				8.7

TABLE: 95-EV-83

EVT188 YEAR 1983 COLOMBIA PALMIRA

CO-OPERATOR: ING. JOSE EVER VARGAS

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM	PLANTS HARV	PHYSO PELLA	EARS/ PLNT	MOIST %
1 Across 8023	5079	95	66	242	114	1.7	1.0	18.4	3.0	72.0	1.0	1.1	28.5
2 Across 7926	4768	89	65	234	108	2.8	3.0	32.8	2.5	75.8	1.5	1.2	28.0
7 Poza Rica 8035	4519	84	62	238	107	2.6	2.5	13.7	2.3	75.5	1.5	1.1	27.2
4 Across 7930	4465	83	59	246	116	4.9	1.0	21.5	3.3	77.8	1.8	1.1	24.5
6 Poza Rica 8032	4282	80	69	249	113	2.2	1.1	28.2	2.3	71.3	1.5	1.1	29.9
5 Sete Lagoas 7931	3696	69	59	236	100	3.7	3.1	34.9	3.8	75.5	1.8	1.0	22.8
9 Pirsabak (1) 7930 RE	3541	66	58	231	104	6.5	2.3	27.6	5.0	77.0	1.0	1.0	22.1
3 Ilonga (1) 7930	3271	61	59	233	103	8.2	2.8	27.5	2.0	72.0	3.3	0.9	21.8
8 Across 7726 RE	3214	60	67	237	103	4.5	3.6	25.0	4.0	69.8	1.0	1.0	28.0
MEANS	4093	76	63	238	107	4.1	2.3	25.5	3.1	74.1	1.6	1.0	25.9
MAXIMUM	5079	95	69	249	116	8.2	3.6	34.9	5.0	77.8	3.3	1.2	29.9
MINIMUM	3214	60	58	231	100	1.7	1.0	13.7	2.0	69.8	1.0	0.9	21.8
CHECKS (TESTIGOS):													
10 ICA H.260	5366	-	66	265	134	1.3	0.0	10.2	1.8	58.0	1.3	1.2	29.9
11 ICA H.211	4680	-	68	285	144	1.5	0.0	29.3	1.8	76.5	1.3	1.1	28.7
CHECK MEANS	5023	-	66	274	138	1.4	0.0	19.7	1.8	67.3	1.3	1.1	29.3
5% LSD	956.0		2.5	20.9	12.1					10.7			3.4
C.V.	15.5		2.8	5.9	7.4					10.1			8.8

TABLE: 96-EV-83

EVT18B YEAR 1983 COLOMBIA PALMIRA

CO-OPERATOR: GONZALO GRANADOS

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT	MOIST %
1 Across 8023	7019	81	57	249	5.2	6.3	2.3	43.3	2.0	12.9	1.0	28.6
2 Across 7926	6933	80	55	239	4.6	14.7	2.2	43.0	2.3	13.1	1.1	30.0
5 Sete Lagoas 7931	6615	76	50	225	1.7	1.2	2.3	43.8	2.8	10.8	1.0	19.7
6 Poza Rica 8032	6286	72	58	246	5.5	5.9	4.4	41.5	2.5	5.4	0.9	29.9
8 Across 7726 RE	6188	71	56	243	4.8	11.6	2.6	41.0	2.5	9.4	1.0	30.3
3 Ilonga (1) 7930	5916	68	49	233	12.2	7.7	3.7	42.8	3.3	4.4	0.9	22.1
4 Across 7930	5911	68	50	218	6.9	2.9	3.0	43.3	2.8	9.2	1.0	22.3
9 Pirsabak (1) 7930 RE	5752	66	50	227	4.1	8.7	3.6	42.5	3.3	3.4	1.0	22.8
7 Poza Rica 8035	5655	65	55	223	4.1	11.8	0.6	42.5	2.8	4.4	0.9	27.7
MEANS	6253	72	53	234	5.5	7.9	2.7	42.6	2.7	8.1	1.0	25.9
MAXIMUM	7019	81	58	249	12.2	14.7	4.4	43.8	3.3	13.1	1.1	30.3
MINIMUM	5655	65	49	218	1.7	1.2	0.6	41.0	2.0	3.4	0.9	19.7
CHECKS (TESTIGOS):												
11 SUX LAP-BLANCO C83B	8686	-	56	245	1.2	0.6	3.0	43.5	1.3	4.3	0.9	27.8
10 SUWAN ACROSS-80-81	6806	-	53	232	2.3	0.0	2.1	43.0	2.3	4.2	1.1	25.4
CHECK MEANS	7746	-	54	238	1.7	0.3	2.5	43.3	1.8	4.2	1.0	26.6
5% LSD	1016.9		1.4	12.3				2.1				5.4
C. V.	10.8		1.8	3.6				3.5				14.3

TABLE: 97-EV-83

EVT188 YEAR 1983 PERU PIURA

CO-OPERATOR: MARCO NEVADO. HUGO SANCHEZ PROGRAMA DE MAIZ

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
6 Poza Rica 8032	8818	103	66	210	100	42.0	1.0	27.1
1 Across 8023	7680	89	65	196	89	38.3	1.1	25.7
2 Across 7926	7226	84	59	196	97	39.5	1.2	24.3
8 Across 7726 RE	7024	82	65	201	92	38.5	1.1	25.1
5 Sete Lagoas 7931	6415	75	55	181	79	40.0	1.1	20.9
4 Across 7930	5715	66	55	176	88	41.0	1.0	20.3
3 Ilonga (1) 7930	5620	65	55	186	87	40.5	1.0	19.6
7 Poza Rica 8035	5571	65	61	179	70	39.3	1.1	22.5
9 Pirsabak (1) 7930 RE	4806	56	59	159	73	37.3	1.0	20.0
MEANS	6542	76	60	187	86	39.6	1.1	22.8
MAXIMUM	8818	103	66	210	100	42.0	1.2	27.1
MINIMUM	4806	56	55	159	70	37.3	1.0	19.6
CHECKS (TESTIGOS):								
10 PM-701	8602	-	-	277	154	39.5	1.0	25.9
11 PIURA-81-3	5580	-	49	227	109	29.3	1.1	24.8
CHECK MEANS	7091	-	24	251	131	34.4	1.0	25.4
5% LSD	1482.6		14.3	21.8	15.0	4.7		2.9
C.V.	15.5		18.5	7.6	11.0	8.4		8.6

TABLE: 98-EV-83

EVT188 YEAR 1983 MEXICO OBREGON(2)

CO-OPERATOR: ING. OSCAR COTA Y JUAN MANUEL VALENZUELA

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 Across 7926	7978	111	64	219	119	1.7	5.7	2.5	44.5	3.9	22.5	3.3	1.1	23.6
6 Poza Rica 8032	7777	109	68	211	98	3.8	22.5	2.9	40.8	3.9	8.0	3.0	1.1	28.3
1 Across 8023	7717	108	66	215	115	3.0	11.4	2.1	42.8	3.9	12.4	3.0	1.1	24.7
8 Across 7726 RE	7501	105	65	215	106	4.7	6.4	2.1	43.0	3.5	23.4	3.1	1.1	24.9
7 Poza Rica 8035	6722	94	63	203	88	4.1	9.9	2.7	43.0	3.0	10.6	3.3	1.1	20.9
9 Pitsabak (1) 7930 RE	6616	92	59	186	99	3.5	2.4	1.7	42.8	3.5	9.4	3.1	1.1	18.6
4 Across 7930	6420	90	58	195	89	6.9	5.2	0.5	42.8	3.5	11.7	2.5	1.0	18.1
5 Sete Lagoas 7931	6211	87	59	198	101	1.7	3.5	2.1	42.0	3.1	17.4	3.0	1.0	18.8
3 Ilonga (1) 7930	5627	79	58	190	104	7.5	4.3	2.2	43.5	3.0	12.7	2.4	1.0	19.5
MEANS	6952	97	62	204	102	4.1	8.1	2.1	42.8	3.5	14.2	3.0	1.1	21.9
MAXIMUM	7978	111	68	219	119	7.5	22.5	2.9	44.5	3.9	23.4	3.3	1.1	28.3
MINIMUM	5627	79	58	186	88	1.7	2.4	0.5	40.8	3.0	8.0	2.4	1.0	18.1
CHECKS (TESTIGOS):														
11 H-412	7166	-	67	246	144	18.6	14.0	2.9	43.0	3.0	19.9	2.4	1.0	21.6
10 V-425	7153	-	65	204	96	1.2	6.1	1.3	39.0	4.1	12.8	3.6	1.0	24.0
CHECK MEANS	7159	-	65	225	120	9.9	10.1	2.1	41.0	3.6	16.4	3.0	1.0	22.8
5% LSD	750.7		1.9	13.4	18.7				3.0					2.1
C.V.	7.4		2.1	4.5	12.3				4.9					6.6

TABLE: 99-EV-83

EVT18B YEAR 1983 MEXICO ROSARIO ISAPA

CO-OPERATOR: ING. MANUEL GRAJALES

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
1 Across 8023	7259	108	53	215	107	1.1	0.0	4.0	45.5	3.9	1.0	0.9	24.5
2 Across 7926	6413	95	52	219	107	1.0	0.0	5.6	44.8	3.8	1.3	1.0	22.3
8 Across 7726 RE	6037	90	52	201	104	0.0	0.0	7.9	40.0	3.6	1.8	1.0	24.5
5 Sete Lagoas 7931	5575	83	48	206	97	1.2	0.0	13.6	43.5	3.6	2.3	1.0	19.3
4 Across 7930	5310	79	48	203	104	0.0	0.0	9.6	41.0	3.5	1.5	0.9	18.3
7 Poza Rica 8035	5224	78	52	200	103	1.2	0.0	11.5	40.5	3.6	1.3	1.0	22.0
6 Poza Rica 8032	5010	74	53	212	102	1.2	0.0	10.8	40.5	3.6	2.3	0.9	27.8
9 Pirsabak (1) 7930 RE	4985	74	47	186	93	0.5	0.0	12.7	42.3	3.4	1.5	1.0	18.8
3 Ilonga (1) 7930	4850	72	47	200	95	0.6	0.0	6.7	41.3	3.5	2.3	1.0	19.8
MEANS	5629	84	50	205	101	0.8	0.0	9.2	42.1	3.6	1.7	1.0	21.9
MAXIMUM	7259	108	53	219	107	1.2	0.0	13.6	45.5	3.9	2.3	1.0	27.8
MINIMUM	4850	72	47	186	93	0.0	0.0	4.0	40.0	3.4	1.0	0.9	18.3
CHECKS (TESTIGOS):													
10 HS-3	6726	-	59	238	112	1.2	0.0	10.5	42.3	3.8	1.5	1.0	28.0
11 VS-525	6397	-	58	239	111	1.9	0.0	13.4	39.3	3.4	1.8	0.9	27.0
CHECK MEANS	6561	-	58	238	111	1.5	0.0	11.9	40.8	3.6	1.6	1.0	27.5
5% LSD	956.2		1.6	20.0	9.5				5.0				2.5
C.V.	11.4		2.2	5.6	6.4				8.2				7.4

TABLE: 100-EV-83

EVT18B YEAR 1983 YEMEN A.R. ZABID

CO-OPERATOR: A. HAZZA AND ALI KAMBAL

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	%BAD H.C.
2 Across 7926	4170	119	61	153	77	2.1	3.3	38.3	5.8
7 Poza Rica 8035	4024	114	62	155	65	3.6	2.1	37.0	3.5
1 Across 8023	3830	109	64	156	85	8.6	6.3	37.0	6.5
4 Across 7930	3685	105	57	161	79	2.6	17.6	35.0	4.5
5 Sete Lagoas 7931	3661	104	57	167	71	6.0	7.7	35.3	4.8
8 Across 7726 RE	3491	99	63	173	82	2.9	5.0	41.0	5.3
3 Ilonga (1) 7930	3442	98	55	166	83	4.9	6.1	35.5	3.0
9 Pirsabak (1) 7930 RE	3394	97	57	146	70	8.7	2.8	37.0	8.8
6 Poza Rica 8032	3370	96	65	173	77	0.6	5.0	38.0	1.8
MEANS	3674	105	60	161	76	4.4	6.2	37.1	4.9
MAXIMUM	4170	119	65	173	85	8.7	17.6	41.0	8.8
MINIMUM	3370	96	55	146	65	0.6	2.1	35.0	1.8
CHECKS (TESTIGOS):									
10 TIHAMA-1	3515	-	66	224	118	6.4	4.4	44.0	9.3
11 KHUMALTAS	3491	-	62	169	85	4.3	1.2	41.8	4.0
CHECK MEANS	3503	-	63	196	101	5.4	2.8	42.9	6.6
5% LSD	858.3		2.7	13.5	12.7			7.1	
C.V.	16.3		3.1	5.6	10.9			12.9	

TABLE: 101-EV-83

EVT18B YEAR 1983 YEMEN A.R. SURDUD

CO-OPERATOR: A. HAZZA AND ALI KAMBAL

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT
7 Poza Rica 8035	4776	108	57	212	95	38.0	1.1
2 Across 7926	4606	104	58	217	105	40.8	1.0
1 Across 8023	4315	98	57	229	114	39.8	1.0
3 Ilonga (1) 7930	4267	97	50	218	100	42.0	1.0
5 Sete Lagoas 7931	4218	96	50	213	96	40.8	1.1
9 Pirsabak (1) 7930 RE	4121	93	53	200	86	40.8	1.0
8 Across 7726 RE	4049	92	59	219	115	37.5	1.0
6 Poza Rica 8032	4000	91	59	228	107	39.8	0.9
4 Across 7930	3806	86	56	209	100	39.0	1.0
MEANS	4240	96	55	216	102	39.8	1.0
MAXIMUM	4776	108	59	229	115	42.0	1.1
MINIMUM	3806	86	50	200	86	37.5	0.9
CHECKS (TESTIGOS):							
10 TIHAMA-1	4412	-	64	259	177	37.0	1.0
11 KHUMALTAS	4097	-	63	243	126	36.3	1.0
CHECK MEANS	4255	-	63	250	151	36.6	1.0
5% LSD	631.0		2.4	20.9	7.3	3.5	
C.V.	10.3		3.0	6.5	4.6	6.3	

TABLE: 102-EV-83

EVT188 YEAR 1983 CAMEROON BERTOUA

CO-OPERATOR: NCRE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PUCC POLY	HELM	STREAK 1-5	PLANTS HARV	EARS/ PLNT	MOIST %
7 Poza Rica 8035	3763	96	185	103	40.7	56.4	1.5	1.3	1.3	36.0	1.0	25.9
1 Across 8023	3742	95	195	115	19.4	50.0	1.8	1.5	1.0	37.0	1.0	27.5
6 Poza Rica 8032	3713	95	198	118	26.6	60.8	1.8	1.5	1.8	35.0	1.2	32.8
4 Across 7930	3404	87	175	93	26.7	45.4	2.0	1.8	1.0	38.0	0.9	22.0
3 Ilonga (1) 7930	3086	79	198	108	20.6	52.6	2.0	1.5	1.5	39.5	1.0	28.1
5 Sete Lagoas 7931	2893	74	200	95	32.5	64.6	1.8	1.3	1.3	30.8	1.2	23.1
8 Across 7726 RE	2435	62	163	100	33.5	69.1	1.8	1.3	1.5	34.5	1.0	25.7
2 Across 7926	2045	52	170	95	25.6	70.5	1.8	1.3	1.8	37.0	0.9	25.5
9 Pirsabak (1) 7930 RE	2023	52	155	80	34.6	77.2	2.0	1.0	2.0	25.8	1.2	25.4
MEANS	3011	77	182	101	28.9	60.7	1.8	1.4	1.4	34.8	1.0	26.2
MAXIMUM	3763	96	200	118	40.7	77.2	2.0	1.8	2.0	39.5	1.2	32.8
MINIMUM	2023	52	155	80	19.4	45.4	1.5	1.0	1.0	25.8	0.8	22.0
CHECKS (TESTIGOS):												
10 GUSAN TZB	3925	-	223	135	22.0	35.8	1.5	1.3	1.3	37.0	1.0	32.1
11 SUAKOKO TZPB	1989	-	230	143	18.0	38.6	1.3	1.0	1.8	21.0	1.0	41.2
CHECK MEANS	2957	-	226	138	20.0	37.2	1.4	1.1	1.5	29.0	1.0	36.7
5% LSD	1175.6		35.5	20.5						8.1		3.0
C.V.	27.1		12.9	13.2						16.7		7.3

TABLE: 103-EV-83

EVT18B YEAR 1983 GUINEA KINDIA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT
3 Ilonga (1) 7930	4363	104	47	158	68	0.6	0.6	43.8	3.0	3.0	88.0	1.0
6 Poza Rica 8032	4187	100	57	145	69	1.2	0.0	43.5	3.0	3.0	88.0	1.0
9 Pirsabak (1) 7930 RE	4099	98	49	144	70	0.6	0.6	43.8	4.0	3.0	88.0	1.0
5 Sete Lagoas 7931	4012	96	49	145	63	0.0	0.0	43.0	3.0	2.0	88.0	1.0
4 Across 7930	3631	87	50	165	66	1.1	0.0	43.8	3.0	3.0	88.0	1.0
7 Poza Rica 8035	3572	85	55	143	64	0.6	0.6	42.5	3.0	2.8	88.0	1.0
2 Across 7926	3280	78	54	148	68	0.0	0.0	40.8	4.0	3.0	88.0	1.0
1 Across 8023	2928	70	59	142	65	0.0	0.0	42.0	3.0	2.0	88.0	1.0
8 Across 7726 RE	2899	69	56	147	84	0.6	1.2	42.3	3.0	3.0	88.0	1.0
MEANS	3663	87	53	148	69	0.5	0.3	42.8	3.2	2.8	88.0	1.0
MAXIMUM	4363	104	59	165	84	1.2	1.2	43.8	4.0	3.0	88.0	1.0
MINIMUM	2899	69	47	142	63	0.0	0.0	40.8	3.0	2.0	88.0	1.0
CHECKS (TESTIGOS):												
10 LOCAL CHECK 1	4189	-	59	163	96	1.2	0.6	43.3	4.0	4.0	88.0	1.0
11 LOCAL CHECK 2	3467	-	59	166	95	1.2	0.6	43.5	4.0	4.0	88.0	1.0
CHECK MEANS	3828	-	58	164	95	1.2	0.6	43.4	4.0	4.0	88.0	1.0
5% LSD	332.4		3.1	10.1	8.0			1.3				
C.V.	6.2		4.0	4.6	7.5			2.2				

TABLE 104-EV-83

EVT1[illegible] YEAR 1983 GUINEA (BISSAU) CONTUBOEL

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	PLANT ASPECT	EARS/ PLNT	MOIST %
6 Pozza Rica 8032	5421	354	55	195	98	14.8	30.2	5.1	39.0	2.0	2.0	1.0	28.4
4 Across 7930	5007	327	49	165	85	13.1	29.3	5.7	38.5	1.5	1.8	1.0	24.6
7 Poza Rica 8035	4947	323	52	171	84	26.5	35.8	7.7	38.5	3.8	3.8	1.0	23.5
9 Pirsabak (1) 7930 RE	4941	323	48	160	83	13.1	25.8	7.5	39.8	4.0	2.5	1.0	26.4
1 Across 8023	4850	317	54	172	91	17.5	24.5	4.5	38.0	2.0	2.3	1.0	26.1
3 Ilonga (1) 7930	4561	298	48	171	73	14.9	31.5	13.3	36.0	3.0	3.0	1.0	23.2
8 Across 7726 RE	4332	283	54	197	100	6.8	29.4	4.8	37.3	1.5	2.3	1.0	26.3
2 Across 7926	4253	278	54	169	78	22.9	28.4	9.5	38.8	3.8	2.8	1.0	25.4
5 Sete Lagoas 7931	4188	274	49	176	72	21.0	18.4	10.1	34.5	3.3	2.8	1.0	24.3
MEANS	4722	308	51	175	85	16.7	28.1	7.6	37.8	2.8	2.6	1.0	25.4
MAXIMUM	5421	354	55	197	100	26.5	35.8	13.3	39.8	4.0	3.8	1.0	28.4
MINIMUM	4188	274	48	160	72	6.8	18.4	4.5	34.5	1.5	1.8	1.0	23.2
CHECKS (TESTIGOS):													
11 LOCAL CHECK 2	1531	-	45	130	51	23.1	37.8	4.9	25.8	4.5	3.5	1.0	25.4
10 LOCAL CHECK 1	1508	-	45	156	72	32.0	45.5	16.1	23.0	4.8	4.8	1.0	21.1
CHECK MEANS	1519	-	44	143	61	27.5	41.7	10.5	24.4	4.6	4.1	1.0	23.2
5% LSD	928.0		1.4	10.9	6.3				3.3				1.2
C.V.	15.5		1.9	4.5	5.4				6.5				3.2

TABLE: 105-EV-83

EVT18B YEAR 1983 MALI SOTUBA

CO-OPERATOR: S. R. C. V. O.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EARS/ PLNT	MOIST %
2 Across 7926	4135	176	48	206	104	0.0	2.5	57.5	1.0	11.1
9 Pirsabak (1) 7930 RE	3859	164	46	179	94	0.0	2.4	57.8	1.0	11.3
4 Across 7930	3728	158	46	200	99	0.0	2.8	49.5	1.0	10.8
1 Across 8023	3684	156	50	225	111	0.0	2.7	41.5	1.0	10.9
8 Across 7726 RE	3368	143	50	208	106	0.0	2.9	45.3	1.0	10.4
6 Poza Rica 8032	3276	139	51	209	108	0.0	0.7	34.3	1.0	10.8
3 Ilonga (1) 7930	3132	133	49	205	103	0.0	4.0	46.8	1.0	10.7
5 Sete Lagoas 7931	2863	122	46	203	89	0.0	2.4	44.8	1.0	11.2
7 Poza Rica 8035	2854	121	50	186	89	0.0	3.6	33.0	1.0	11.4
MEANS	3433	146	48	202	100	0.0	2.7	45.6	1.0	11.0
MAXIMUM	4135	176	51	225	111	0.0	4.0	57.8	1.0	11.4
MINIMUM	2854	121	46	179	89	0.0	0.7	33.0	1.0	10.4
CHECKS (TESTIGOS):										
11 TIEMANTIE	2356	-	55	245	133	0.0	0.0	17.0	1.0	11.2
10 TIEMANTIE	2084	-	54	260	148	0.0	0.0	15.8	1.0	10.9
CHECK MEANS	2220	-	54	252	140	0.0	0.0	16.4	1.0	11.0
5% LSD	1587.2		4.6	20.6	12.1			18.1		1.0
C.V.	34.2		6.4	6.7	7.8			31.2		6.1

TABLE: 106-EV-83

EVT18E YEAR 1983 MALI KITA

CO-OPERATOR: S. R. C. V. O.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT
6 Poza Rica 8032	3847	110	49	170	85	30.0	1.0
9 Pirsabak (1) 7930 RE	3071	88	45	153	61	39.3	1.0
5 Sete Lagoas 7931	2845	81	43	157	69	34.3	1.1
1 Across 8023	2618	75	49	160	80	38.0	1.0
2 Across 7926	2618	75	50	145	73	36.7	1.0
7 Poza Rica 8035	2489	71	50	161	74	36.7	1.0
4 Across 7930	2360	68	47	155	71	39.7	1.0
8 Across 7726 RE	2263	65	50	173	82	41.3	1.0
3 Ilonga (1) 7930	2230	64	47	167	81	34.7	1.0
MEANS	2704	77	48	160	75	37.0	1.0
MAXIMUM	3847	110	50	173	85	41.3	1.1
MINIMUM	2230	64	43	148	61	30.0	1.0
CHECKS (TESTIGOS):							
11 TIEMANTIE	3491	-	41	181	94	36.7	0.9
10 TIEMANTIE	2327	-	41	174	93	30.7	1.0
CHECK MEANS	2909	-	41	177	93	33.7	1.0
5% LSD	1165.2		0.6	15.6	8.9	8.4	
C.V.	25.0		0.8	5.6	6.7	13.5	

TABLE: 107-EV-83

EVT18B YEAR 1983 SIERRA LEONE NJALA

CO-OPERATOR: ACRE PROJECT

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 %
8 Across 7726 RE	3376	133	57	182	96	1.5	1.5	7.5	1.0	36.8	1.0	1.0	1.0	35.7
1 Across 8023	3176	125	56	173	87	2.2	3.6	10.8	1.0	34.0	1.0	1.0	1.0	34.6
2 Across 7926	3133	123	57	167	82	3.6	1.6	12.1	1.3	35.5	1.3	1.3	1.0	35.7
5 Sete Lagoas 7931	2827	111	56	161	76	4.5	1.5	11.4	1.0	34.5	1.8	2.0	1.0	30.8
9 Pirsabak (1) 7930 RE	2789	109	55	148	66	6.5	4.3	14.7	1.0	35.5	1.3	1.3	1.0	33.7
7 Poza Rica 8035	2703	106	55	146	69	7.0	4.0	10.9	1.3	35.8	1.0	1.0	1.0	32.5
6 Poza Rica 8032	2632	103	56	156	78	2.1	2.1	11.9	1.3	36.3	1.3	1.3	1.0	36.3
4 Across 7930	2609	102	54	157	81	5.2	3.8	15.2	1.0	33.0	1.3	1.8	1.0	35.0
3 Ilonga (1) 7930	2114	83	54	168	77	9.4	3.2	14.9	1.0	31.5	1.3	1.3	1.0	32.9
MEANS	2818	111	55	162	79	4.7	2.8	12.2	1.1	34.8	1.2	1.3	1.0	34.1
MAXIMUM	3376	133	57	182	96	9.4	4.3	15.2	1.3	36.8	1.8	2.0	1.0	36.3
MINIMUM	2114	83	54	146	66	1.5	1.5	7.5	1.0	31.5	1.0	1.0	1.0	30.8
CHECKS (TESTIGOS):														
11 TALCOO	2548	-	56	182	96	5.8	5.0	11.5	1.3	34.3	1.5	1.5	1.0	30.8
10 WESTERN YELLOW	2468	-	53	177	103	7.4	10.0	11.6	1.3	34.8	1.3	1.5	1.0	31.7
CHECK MEANS	2508	-	54	179	99	6.6	7.5	11.6	1.3	34.5	1.4	1.5	1.0	31.3
5% LSD	724.5		2.2	26.1	15.0					3.6				4.2
C.V.	18.2		2.7	10.9	12.6					7.2				8.8

TABLE: 108-EV-83

EVT18B YEAR 1983 MALAWI NGABU

CO-OPERATOR: NATIONAL MAIZE PROGRAM

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PUCC POLY	PLANTS HARV	PLNTS GERM	EARS/ PLNT	MOIS %
6 Poza Rica 8032	4587	79	64	186	104	0.0	1.3	2.3	41.8	60.3	1.0	20 [illegible]
7 Poza Rica 8035	4254	73	55	194	94	0.6	9.5	1.3	41.0	61.0	1.0	17 [illegible]
8 Across 7726 RE	3803	65	63	188	100	0.6	4.8	3.3	42.3	63.0	0.9	19 [illegible]
2 Across 7926	3251	58	59	179	91	3.0	1.3	1.5	39.0	59.5	1.1	18 [illegible]
1 Across 8023	3256	56	61	188	115	0.6	4.6	1.3	41.8	63.3	0.9	17 [illegible]
9 Pirsabak (1) 7930 RE	3161	54	52	183	91	0.6	2.4	1.8	42.3	60.8	0.8	15 [illegible]
3 Ilonga (1) 7930	2947	51	54	192	100	1.2	6.0	1.3	41.8	62.3	0.8	16 [illegible]
4 Across 7930	2852	49	52	196	101	0.7	2.5	1.3	38.0	60.3	0.9	15 [illegible]
5 Sete Lagoas 7931	2092	36	53	174	91	1.2	1.2	1.5	43.0	59.8	0.6	16 [illegible]
MEANS	3367	58	57	187	99	0.9	3.7	1.7	41.2	61.1	0.9	17 [illegible]
MAXIMUM	4587	79	64	196	115	3.0	9.5	3.3	43.0	63.3	1.1	20 [illegible]
MINIMUM	2092	36	52	174	91	0.0	1.2	1.3	38.0	59.5	0.6	15 [illegible]
CHECKS (TESTIGOS):												
11 CCA	5823	-	67	235	143	4.1	11.0	2.5	39.0	58.0	1.0	23 [illegible]
10 CCC	3898	-	63	181	110	0.6	8.5	1.3	42.3	65.0	0.9	20 [illegible]
CHECK MEANS	4860	-	64	207	126	2.3	9.7	1.9	40.6	61.5	0.9	22 [illegible]
5% LSD	1501.2		3.8	29.1	18.3				4.7			2 [illegible]
C.V.	28.6		4.5	10.6	12.2				7.8			8. [illegible]

TABLE: 109-EV-83

EVT188 YEAR 1983 MALAWI CHITALA

CO-OPERATOR: NATIONAL MAIZE PROGRAM

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	MOIST %
1 Across 8023	5192	102	213	100	38.2	12.3	36.3	15.0
6 Poza Rica 8032	5152	101	213	102	65.5	12.3	33.0	15.0
8 Across 7726 RE	4929	97	218	103	52.2	24.7	33.3	15.0
2 Across 7926	4808	94	201	99	56.0	27.8	30.3	15.0
7 Poza Rica 8035	4727	93	193	85	53.8	30.4	33.5	15.0
3 Ilonga (1) 7930	4101	81	194	96	60.8	19.9	32.8	15.0
4 Across 7930	3677	72	193	94	66.7	9.9	28.8	15.0
5 Sete Lagoas 7931	3556	70	195	86	43.8	10.5	30.3	15.0
9 Pirsabak (1) 7930 RE	3495	69	179	76	72.4	8.2	31.5	15.0
MEANS	4404	87	200	94	56.6	17.3	32.2	15.0
MAXIMUM	5192	102	218	103	72.4	30.4	36.3	15.0
MINIMUM	3495	69	179	76	38.2	8.2	28.8	15.0
CHECKS (TESTIGOS):								
10 CCCCO	5091	-	241	130	65.2	12.5	32.3	15.0
11 CCAC2	4950	-	303	171	71.5	21.2	35.0	15.0
CHECK MEANS	5020	-	272	150	68.4	16.8	33.6	15.0
5% LSD	1050.3		9.6	5.7			8.0	
C.V.	16.1		3.1	3.8			17.0	

TABLE: 110-EV-83

EVT18B YEAR 1983 MALAWI BAKA

CO-OPERATOR: NATIONAL MAIZE PROGRAM

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	PUCC	HELM	PLANTS HARV	EAR ASPCT	%BAD H.C	PLANT ASPECT	PLNTS GERM	MOIST %
1 Across 8023	6856	72	51	226	107	0.0	0.5	1.0	1.8	43.8	1.3	16.3	1.0	1.0	20.8
2 Across 7926	6606	70	50	215	101	0.6	0.0	1.0	2.0	44.5	1.0	12.2	1.0	2.0	20.1
4 Across 7930	6516	69	46	198	97	0.0	0.0	1.0	2.0	43.8	1.3	19.6	1.0	1.0	18.3
5 Sete Lagoas 7931	6451	68	44	214	93	0.0	0.6	1.3	2.3	43.3	1.0	21.5	1.0	2.0	18.3
3 Ilonga (1) 7930	6364	67	45	206	96	0.0	2.8	1.0	2.3	44.0	1.5	14.8	1.3	1.0	17.8
7 Poza Rica 8035	6252	66	50	206	91	2.3	0.0	1.0	1.8	43.5	1.3	16.0	1.0	2.0	19.3
9 Pirsabak (1) 7930 RE	6131	65	45	192	86	2.3	2.0	1.0	2.3	44.0	1.5	9.6	1.3	1.0	18.0
6 Poza Rica 8032	6089	64	54	228	109	0.0	1.5	1.0	2.5	43.5	1.3	7.4	1.0	1.0	21.4
8 Across 7726 RE	5876	62	51	223	101	0.6	1.0	1.0	2.3	44.0	1.3	16.8	1.0	2.0	20.3
MEANS	6349	67	48	212	98	0.6	0.9	1.0	2.1	43.8	1.3	14.9	1.1	1.4	19.4
MAXIMUM	6856	72	54	228	109	2.3	2.8	1.3	2.5	44.5	1.5	21.5	1.3	2.0	21.4
MINIMUM	5876	62	44	192	86	0.0	0.0	1.0	1.8	43.3	1.0	7.4	1.0	1.0	17.8
CHECKS (TESTIGOS):															
11 CCAC3	9462	-	57	314	190	0.6	3.9	1.3	2.0	43.5	1.0	8.4	1.0	1.0	28.5
10 CCCCO	8503	-	55	237	116	0.0	6.1	1.0	1.5	38.5	1.3	36.9	1.0	1.0	21.5
CHECK MEANS	8983	-	55	275	153	0.3	5.0	1.1	1.8	41.0	1.1	22.6	1.0	1.0	25.0
5% LSD	1189.6		1.2	26.9	10.6					3.7					
C.V.	12.1		1.7	8.3	6.8					6.0					

TABLE: 111-EV-83

EVT188 YEAR 1983 REUNION MON CAPRICE

CO-OPERATOR: IRAT

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	DISEASES %	STEM LODG	ROOT LODG	%EAR ROT	STUNT %	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
7 Poza Rica 8035	3979	79	58	155	78	3.8	2.4	9.4	2.1	8.9	42.3	1.5	0.9	34.0
4 Across 7930	3754	75	59	160	85	5.5	5.4	6.1	1.4	4.2	41.8	1.3	0.7	32.5
1 Across 8023	3594	71	58	155	90	5.8	4.9	4.2	1.6	12.5	41.3	2.3	0.8	36.3
6 Poza Rica 8032	3434	68	60	150	73	6.8	1.8	3.0	1.9	11.4	41.5	1.8	0.7	36.1
3 Ilonga (1) 7930	3403	68	57	165	75	4.0	6.2	5.0	3.8	9.2	40.3	1.8	0.8	31.2
2 Across 7926	3008	60	56	163	90	6.0	4.2	13.1	0.8	12.6	41.8	2.0	0.7	35.9
5 Sete Lagoas 7931	2931	58	56	160	80	6.8	4.3	3.8	0.0	6.9	40.0	2.3	0.7	31.7
8 Across 7726 RE	2768	55	57	163	90	7.8	7.5	4.3	0.0	12.5	41.0	2.3	0.6	36.1
9 Pirsabak (1) 7930 RE	2758	55	58	158	65	6.5	1.8	5.5	0.9	10.3	41.3	2.8	0.7	31.7
MEANS	3292	65	58	159	81	5.9	4.3	6.1	1.4	9.8	41.2	2.0	0.7	33.9
MAXIMUM	3979	79	60	165	90	7.8	7.5	13.1	3.8	12.6	42.3	2.8	0.9	36.3
MINIMUM	2758	55	56	150	65	3.8	1.8	3.0	0.0	4.2	40.0	1.3	0.6	31.2
CHECKS (TESTIGOS):														
10 REVOLUTION	5031	-	64	220	135	4.8	1.8	10.0	0.0	5.8	43.0	1.0	0.9	36.0
11 IRAT 143	4079	-	56	185	105	9.5	1.8	7.2	4.6	10.2	42.0	1.0	0.7	32.8
CHECK MEANS	4555	-	59	202	120	7.1	1.8	8.6	2.3	8.0	42.5	1.0	0.8	34.4
5% LSD	1040.6		2.4	24.4	16.0						1.9			
C.V.	20.5		2.8	10.1	12.7						3.1			

TABLE: 112-EV-83

EVT18B YEAR 1983 TANZANIA ILONGA

CO-OPERATOR: NATIONAL MAIZE RESEARCH PROGRAMME

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PUCC POLY	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT	MOIST %
6 Poza Rica 8032	6226	123	52	197	103	5.2	4.8	1.5	13.8	43.0	2.8	11.3	1.1	22.0
7 Poza Rica 8035	6143	121	56	187	86	10.0	1.4	1.0	6.5	43.8	2.8	14.5	1.0	19.4
4 Across 7930	5902	117	53	188	98	8.3	1.1	1.3	8.8	42.8	2.3	20.3	1.0	18.2
1 Across 8023	5863	116	58	202	106	5.2	1.7	1.0	12.8	44.0	3.0	21.3	1.0	21.0
Sete Lagoas 7931	5302	105	53	181	85	8.2	3.5	1.0	11.8	43.3	2.5	27.1	1.0	19.6
3 Ilonga (1) 7930	5130	101	53	183	88	3.6	0.6	1.3	8.3	42.3	2.5	16.7	1.0	19.4
2 Across 7926	4946	98	53	183	92	15.9	1.5	1.5	15.0	41.0	3.3	28.8	1.1	20.1
9 Pirsabak (1) 7930 RE	4758	94	54	175	81	2.3	3.9	1.5	10.5	44.0	3.0	20.2	1.0	19.0
8 Across 7726 RE	4741	94	56	188	97	5.4	5.3	1.5	17.3	43.5	3.0	23.1	1.1	20.8
MEANS	5446	108	56	187	93	7.1	2.7	1.3	11.6	43.1	2.8	20.4	1.0	19.9
MAXIMUM	6226	123	52	202	106	15.9	5.3	1.5	17.3	44.0	3.3	28.8	1.1	22.0
MINIMUM	4741	94	53	175	81	2.3	0.6	1.0	6.5	41.0	2.3	11.3	1.0	18.2
CHECKS (TESTIGOS):														
10 KITO	5063	-	47	171	76	5.1	0.6	1.5	7.8	44.0	2.8	13.5	1.0	18.1
11 KATUMANI	4117	-	51	178	86	16.0	2.6	2.0	7.8	40.8	3.8	6.5	0.9	19.0
CHECK MEANS	4590	-	48	174	80	10.5	1.6	1.8	7.8	42.4	3.3	10.0	1.0	18.5
5% LSD	785.0		1.6	12.7	9.5					2.6				1.1
C. V.	10.3		2.0	4.8	7.3					4.2				3.9

TABLE: 113-EV-83

EVT188 YEAR 1983 ZAIRE GANDAJIKA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC	STREAK 1-5	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
1 Across 8023	7438	97	58	199	106	6.1	37.6	3.1	1.5	2.3	33.8	2.0	13.2	2.0	21.9
6 Poza Rica 8032	6807	89	62	195	110	5.9	47.5	2.0	1.5	2.8	34.0	2.3	8.2	2.3	24.0
8 Across 7726 RE	6152	80	60	207	110	3.7	69.7	2.1	1.8	1.5	32.3	2.0	7.8	2.3	21.8
3 Ilonga (1) 7930	5897	77	52	183	91	9.4	20.1	3.1	1.5	1.8	31.3	2.3	14.6	2.5	21.1
4 Across 7930	5781	75	56	179	92	18.7	24.7	3.6	1.5	2.5	34.8	2.0	9.8	2.8	21.4
2 Across 7926	5569	72	59	187	98	3.0	58.3	4.1	1.3	2.8	27.8	2.0	12.3	2.3	23.8
9 Pirsabak (1) 7930 RE	5217	68	54	172	93	9.3	62.0	1.4	2.0	2.0	29.5	2.3	6.2	3.3	20.9
5 Sete Lagoas 7931	5150	67	52	188	95	8.9	39.1	1.4	1.5	2.0	31.8	2.3	14.8	3.0	21.8
7 Poza Rica 8035	5018	65	58	183	98	8.8	74.6	4.7	1.5	3.8	23.8	2.0	7.8	3.0	21.6
MEANS	5892	77	57	188	99	8.2	48.2	2.8	1.6	2.4	31.0	2.1	10.5	2.6	22.0
MAXIMUM	7438	97	62	207	110	18.7	74.6	4.7	2.0	3.9	34.8	2.3	14.8	3.3	24.0
MINIMUM	5018	65	52	172	91	3.0	20.1	1.4	1.3	1.5	23.8	2.0	6.2	2.0	20.9
CHECKS (TESTIGOS):															
11 BUPK	7689	-	61	223	126	14.5	52.7	2.5	1.8	1.3	32.0	2.5	5.5	2.3	24.1
10 KASAI I	7048	-	64	210	116	2.8	28.4	2.1	1.3	3.3	32.5	1.9	7.0	2.3	23.2
CHECK MEANS	7368	-	62	216	120	8.7	40.5	2.3	1.5	2.3	32.3	2.1	6.2	2.3	23.7
5% LSD	1600.5		3.0	14.7	11.2						5.3				
C.V.	18.0		3.6	5.3	7.5						11.8				

TABLE: 114-EV-83

EVT188 YEAR 1983 ZIMBABWE KADOMA

CO-OPERATOR: R. C. OLVER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
6 Poza Rica 8032	2317	100	155	66	15.4	0.0	1.0	40.8	1.3	4.0	0.6	13.3
2 Across 7926	2225	96	151	74	13.3	0.0	3.7	41.3	1.5	4.0	0.8	11.8
1 Across 8023	2005	86	156	71	13.7	0.0	2.6	42.0	1.5	4.0	0.6	12.1
7 Poza Rica 8035	1637	70	148	63	22.2	0.6	1.8	42.0	2.0	4.0	0.5	11.7
8 Across 7726 RE	1480	64	145	65	11.6	0.0	4.2	39.8	2.0	4.0	0.6	11.9
5 Sete Lagoas 7931	946	41	134	61	7.1	0.0	0.0	41.8	2.0	4.0	0.4	11.6
9 Pirsabak (1) 7930 RE	920	40	131	64	21.3	0.0	0.0	35.3	2.0	4.3	0.4	11.6
3 Ilonga (1) 7930	805	35	133	73	12.7	0.0	1.8	40.3	2.3	4.3	0.4	11.9
4 Across 7930	770	33	139	71	18.3	0.0	2.3	38.5	2.5	4.0	0.4	11.5
MEANS	1456	63	144	68	15.1	0.1	1.9	40.2	1.9	4.1	0.5	11.9
MAXIMUM	2317	100	156	74	22.2	0.6	4.2	42.0	2.5	4.3	0.8	13.3
MINIMUM	770	33	131	61	7.1	0.0	0.0	35.3	1.3	4.0	0.4	11.5
CHECKS (TESTIGOS):												
11 S.R.52	2324	-	183	88	15.0	0.0	0.0	41.8	2.0	3.5	0.5	14.9
10 ZS225	2017	-	194	84	9.0	0.0	1.9	39.8	2.0	3.8	0.7	11.6
CHECK MEANS	2171	-	188	85	12.0	0.0	1.0	40.8	2.0	3.6	0.6	13.2
5% LSD	1034.9		20.2	10.9				3.8				0.7
C.V.	45.2		9.2	10.7				6.5				3.8

TABLE: 115-EV-83

EVT188 YEAR 1983 THAILAND KHOMKHAN

CO-OPERATOR: DR. KITISRI SUKHAPINDA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	PLNTS GERM	EARS/ PLNT	MOIST %
4 Across 7930	1507	171	48	170	79	9.7	15.4	35.0	4.0	69.8	0.6	24.5
1 Across 8023	1441	164	53	183	96	2.1	9.1	33.8	4.3	67.5	0.4	26.9
3 Ilonga (1) 7930	1226	139	49	177	90	10.5	17.2	35.3	4.0	70.3	0.6	24.6
6 Poza Rica 8032	1053	120	55	172	88	8.1	16.3	36.0	4.3	71.8	0.5	28.2
9 Pirsabak (1) 7930 RE	977	111	49	160	72	11.4	26.7	31.9	4.5	63.0	0.5	24.6
8 Across 7726 RE	923	105	53	168	82	5.4	19.4	35.0	4.8	69.8	0.5	27.7
2 Across 7926	878	100	52	163	77	6.4	27.8	32.5	4.5	64.5	0.6	25.8
5 Sete Lagoas 7931	853	97	50	164	71	9.3	13.5	37.5	4.3	74.3	0.4	24.0
7 Poza Rica 8035	675	77	53	149	64	22.7	36.5	29.8	4.8	59.3	0.5	25.7
MEANS	1059	120	51	167	80	9.5	20.2	34.1	4.4	67.8	0.5	25.8
MAXIMUM	1507	171	55	183	96	22.7	36.5	37.5	4.8	74.3	0.6	28.2
MINIMUM	675	77	48	149	64	2.1	9.1	29.8	4.0	59.3	0.4	24.0
CHECKS (TESTIGOS):												
11 TF-E-112 DR	881	-	52	168	85	9.5	40.9	28.0	4.8	57.8	0.6	26.5
10 SUWAN 1	829	-	52	167	81	25.9	11.3	16.5	4.3	32.3	0.7	28.1
CHECK MEANS	855	-	51	167	83	17.7	26.1	22.3	4.5	45.0	0.7	27.3
5% LSD	828.0		2.9	19.3	13.6			5.4				1.4
C.V.	56.2		3.9	8.0	11.7			11.7				3.6

TABLE: 116-EV-83 TRIAL: ELVT 18B

YEAR: 1983 MEANS ACROSS 37 LOCATIONS

ENTRY NO AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
1 Across 8023	4519	Blanco Cristalino-1	110	56	194
2 Across 7926	4267	Mezcla Amarillo	104	55	185
6 Poza Rica 8032	4253	ETO	104	58	192
8 Across 7726 RE	4104	Mezcla Amarillo	100	56	193
7 Poza Rica 8035	4036	Ant. x Rep. Dom.	98	54	178
4 Across 7930	3938	Blanco Cristalino-2	96	51	181
5 Sete Lagoas 7931	3870	Amarillo Cristalino-2	94	51	183
3 Ilonga (1) 7930	3743	Blanco Cristalino-2	91	50	183
9 Pirsabak (1) 7930 RE	3736	" " "	91	51	174

TABLE: 117-EV-83

EVT20 YEAR 1983 ARGENTINA PERGAMINO

CO-OPERATOR: R. SAN BECELAERE

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	EARS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
11 Across 7748 RE	5620	98	53	200	90	37.0	3.0	5.0	17.9
9 Across 7948	4665	81	51	195	90	31.3	3.0	5.0	18.8
8 Quilamapu 7948	3688	64	51	195	85	31.3	4.0	5.0	19.0
3 Antalya 8045	2751	48	60	185	95	26.8	3.0	2.0	17.4
10 Across 7734 RE	2663	46	65	215	113	26.8	4.0	1.0	22.2
6 Gemiza 8047	2471	43	68	208	98	24.0	4.0	3.0	23.0
4 Across 8045	2405	42	59	210	105	22.0	2.0	3.0	20.5
1 Yousafwala 8033	2397	42	57	203	98	22.0	3.0	4.0	18.3
7 Across 8047	2220	39	63	210	103	20.3	2.0	3.0	21.9
2 Across 7934	1801	31	63	198	120	24.3	4.0	4.0	21.4
5 tlaltizapan 8046	1323	23	54	183	98	18.0	4.0	4.0	19.8
MEANS	2909	51	59	200	99	25.8	3.3	3.5	20.0
MAXIMUM	5620	98	68	215	120	37.0	4.0	5.0	23.0
MINIMUM	1323	23	51	183	85	18.0	2.0	1.0	17.4
CHECKS (TESTIGOS):									
13 CARGILL 360	5738	-	56	220	98	30.5	4.0	4.0	20.1
12 AGUAIA INTA	4885	-	56	203	115	34.0	2.0	3.0	17.6
CHECK MEANS	5311	-	56	211	106	32.3	3.0	3.5	18.9
5% LSD	1894.2			21.7	18.2				
C.V.	40.3			7.5	12.6				

TABLE: 118-EV-83

EVT20 YEAR 1983 ARGENTINA BUENOS AIRES

CO-OPERATOR: CRIADERO MORGAN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PUCC SORG	PUCC	PLANTS HARV	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
4 Across 8045	2079	50	166	75	37.9	2.5	1.5	1.5	29.3	14.1	2.0	0.9	16.2
11 Across 7748 RE	1889	45	161	65	41.5	5.4	1.3	2.0	29.5	12.0	2.5	0.7	14.0
6 Gemiza 8047	1802	43	145	66	34.4	12.9	1.5	1.8	27.0	10.0	3.0	0.8	14.6
9 Across 7948	1737	42	153	70	49.0	2.8	1.8	1.8	28.8	8.4	3.0	0.8	15.4
8 Quilamapu 7948	1723	41	161	85	29.5	11.5	1.5	2.3	29.0	12.7	2.8	0.8	13.7
7 Across 8047	1711	41	178	84	16.4	6.5	1.8	2.0	28.8	9.7	2.0	0.8	11.8
2 Across 7934	1610	38	171	78	17.2	1.7	2.3	1.8	31.0	10.8	3.8	0.8	10.4
1 Yousafwala 8033	1609	38	158	76	14.4	2.5	1.8	1.5	29.8	19.5	3.3	0.7	13.2
3 Antalya 8045	1489	36	165	83	25.8	4.5	1.3	1.5	30.0	15.4	3.3	0.6	13.0
5 tlaltizapan 8046	1429	34	160	86	40.5	7.9	2.0	2.0	27.5	19.9	3.3	0.8	15.1
10 Across 7734 RE	1387	33	173	80	29.1	2.7	2.5	1.8	30.3	10.1	3.3	0.8	14.7
MEANS	1679	40	163	77	30.5	5.5	1.7	1.8	29.2	13.0	2.9	0.8	13.8
MAXIMUM	2079	50	178	86	49.0	12.9	2.5	2.3	31.0	19.9	3.8	0.9	16.2
MINIMUM	1387	33	145	65	14.4	1.7	1.3	1.5	27.0	8.4	2.0	0.6	10.4
CHECKS (TESTIGOS):													
13 CARGILL TRIHIB 81	4184	-	174	89	36.4	3.7	1.8	1.8	27.5	9.2	3.0	1.1	13.7
12 MORGAN 400	2958	-	168	81	39.8	0.9	2.0	1.8	24.8	10.1	3.0	1.2	12.1
CHECK MEANS	3571	-	170	85	38.1	2.3	1.9	1.8	26.1	9.6	3.0	1.2	12.9
5% LSD	678.8		10.4	8.5					4.5				
C. V.	24.0		4.4	7.5					11.0				

TABLE: 119-EV-83

EVT20 YEAR 1983 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	PLANT ASPECT	EARS/ PLNT	MOIST %
10 Across 7734 RE	5871	115	52	223	118	1.3	1.8	12.8	40.0	2.3	1.5	1.1	20.8
11 Across 7748 RE	5370	106	50	198	103	6.8	0.6	16.7	40.8	2.5	2.5	1.0	16.5
1 Yousafwala 8033	4877	96	52	178	90	6.7	0.0	9.3	39.3	1.8	2.5	1.0	17.1
7 Across 8047	4799	94	53	183	90	3.3	0.0	12.1	37.0	2.5	2.0	0.9	19.0
3 Antalya 8045	4742	93	55	175	88	3.3	0.0	9.9	38.5	1.8	2.3	0.9	17.4
4 Across 8045	4723	93	53	193	95	7.2	0.0	8.5	37.0	2.5	2.5	0.9	18.4
6 Qamiza 8047	4631	91	52	188	98	6.3	0.0	12.8	33.3	2.5	2.3	0.9	18.4
2 Across 7934	4600	90	54	188	93	5.5	0.0	11.4	35.5	2.3	2.5	1.0	18.8
5 tlaltizapan 8046	3551	70	47	175	90	9.3	0.0	11.9	32.8	2.8	3.3	1.2	16.9
9 Across 7948	2893	57	50	178	88	5.7	0.0	17.1	33.8	3.3	3.5	0.9	15.9
8 Quilamapu 7948	2640	52	48	168	83	14.9	0.8	19.0	29.5	3.5	3.5	0.9	16.3
MEANS	4427	87	52	186	94	6.4	0.3	12.9	36.1	2.5	2.6	1.0	17.8
MAXIMUM	5871	115	55	223	118	14.9	1.8	19.0	40.8	3.5	3.5	1.2	20.8
MINIMUM	2640	52	47	168	83	1.3	0.0	8.5	29.5	1.8	1.5	0.9	15.9
CHECKS (TESTIGOS):													
13 A. SUBTROPICAL IBOP.	5089	-	58	193	98	1.8	0.9	12.1	29.0	2.3	2.3	1.3	18.0
12 A. BAJIO IBOP	4381	-	55	195	103	4.9	0.0	5.7	30.8	1.8	2.3	1.0	17.4
CHECK MEANS	4735	-	56	193	100	3.4	0.4	8.9	29.9	2.0	2.3	1.1	17.7
5% LSD	1246.9		0.6	24.1	15.1				4.4				1.8
C.V.	19.4		1.0	9.0	11.1				8.7				6.9

TABLE: 120-EV-83

EVT20 YEAR 1983 BRAZIL CAPINOPOLIS

CO-OPERATOR: SEMENTES AGROCERES

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	HUSK COVER	ENDO HARD	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
3 Antalya 8045	6768	122	53	193	101	33.5	29.5	1.8	1.8	1.5	3.3	44.0	2.8	2.5	19.6
10 Across 7734 RE	6442	116	57	213	118	76.1	3.4	0.6	2.0	1.3	2.3	44.0	2.8	2.5	13.8
2 Across 7934	6311	114	57	205	114	48.6	5.7	0.0	2.0	1.3	2.8	43.0	3.0	2.5	20.9
6 Gemiza 8047	6292	114	55	190	95	32.5	29.4	2.0	2.0	2.0	3.3	43.3	1.8	2.3	21.2
7 Across 8047	6050	109	54	200	109	19.2	23.7	0.0	2.8	1.5	3.8	44.3	2.3	2.5	22.9
4 Across 8045	5847	106	52	183	103	52.0	13.6	0.0	2.0	2.0	3.0	44.3	2.8	2.8	17.5
1 Yousafwala 8033	5519	100	52	195	109	15.2	11.7	3.2	2.8	2.0	2.0	44.5	2.8	2.5	21.5
8 Guilamapu 7948	3962	72	50	184	85	62.3	4.0	3.4	3.3	2.3	4.3	43.8	4.5	2.5	14.9
11 Across 7748 RE	3915	71	49	199	95	50.0	6.8	7.5	3.5	2.3	4.3	44.0	4.5	2.8	17.5
5 tlaltizapan 8046	3819	69	46	178	94	40.3	2.3	5.6	3.8	1.8	2.0	44.0	3.8	3.5	15.2
9 Across 7948	3550	64	49	178	80	60.8	3.4	9.2	3.3	2.3	4.3	43.5	4.5	2.5	16.2
MEANS	5316	96	52	192	100	44.6	12.1	3.0	2.6	1.8	3.2	43.9	3.2	-2.6	18.3
MAXIMUM	6768	122	57	213	118	76.1	29.5	9.2	3.8	2.3	4.3	44.5	4.5	3.5	22.9
MINIMUM	3550	64	46	178	80	15.2	2.3	0.0	1.8	1.3	2.0	43.0	1.8	2.3	13.8
CHECKS (TESTIGOS):															
12 AG 403	5536	-	64	251	151	74.4	2.3	0.0	1.3	1.0	1.3	44.0	2.5	2.0	13.7
13 AC 301	4938	-	64	238	148	87.5	0.0	0.0	1.8	1.0	3.8	44.0	2.5	2.0	13.7
CHECK MEANS	5237	-	63	244	149	81.0	1.1	0.0	1.5	1.0	2.5	44.0	2.5	2.0	13.7
5% LSD	880.4		1.3	17.7	11.6							1.2			
C.V.	11.6		1.6	6.2	7.5							1.9			

TABLE: 121-EV-83

EVT20 YEAR 1983 CHILE LA PLATINA

CO-OPERATOR: ALFREDO LUCHSINGER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
11 Across 7748 RE	10525	116	78	228	138	2.4	36.0	1.2	29.3
9 Across 7948	10271	113	78	223	120	2.4	36.0	1.1	26.2
3 Antalya 8045	9457	104	83	223	145	0.0	36.0	1.2	31.6
10 Across 7734 RE	9456	104	85	265	193	2.2	36.0	1.3	35.5
8 Quilamapu 7948	9206	101	79	220	130	2.6	36.0	1.1	26.7
7 Across 8047	8790	96	85	240	159	2.4	36.0	1.2	36.0
1 Yousafwala 8033	8729	96	83	220	130	0.0	36.0	1.1	33.4
4 Across 8045	8623	95	83	233	143	0.0	36.0	1.2	33.7
6 Gemiza 8047	8515	93	85	240	160	2.7	35.0	1.1	36.1
2 Across 7934	7985	88	85	235	158	0.0	36.0	1.1	37.1
5 tlaltizapan 8046	7024	77	79	208	115	2.4	35.5	1.2	29.8
MEANS	8962	98	82	230	144	1.6	35.9	1.1	32.3
MAXIMUM	10525	116	85	265	193	2.7	36.0	1.3	37.1
MINIMUM	7024	77	78	208	115	0.0	35.0	1.1	26.2
CHECKS (TESTIGOS):									
12 T-112T	9111	-	81	230	123	2.8	35.5	1.0	25.5
13 T-128T	7471	-	83	228	138	3.0	34.0	1.0	32.3
CHECK MEANS	8291	-	82	228	130	2.9	34.8	1.0	28.9
5% LSD	1367.3		0.6	17.0	23.5		1.3		4.6
C.V.	10.8		0.5	5.1	11.5		2.5		10.1

TABLE: 122-EV-83

EVT20 YEAR 1983 MEXICO ENSENADA B. C.

CO-OPERATOR: SAMUEL GOMEZ G INIA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
4 Across 8045	8286	106	82	182	101	4.0	0.0	43.8	1.5	1.3	1.1	20.4
10 Across 7734 RE	8136	104	89	217	114	5.2	1.7	43.3	2.0	1.8	1.1	24.1
6 Gemiza 8047	7654	98	87	177	92	7.0	0.6	43.3	2.3	1.8	1.1	22.2
2 Across 7934	7626	98	89	184	103	5.8	1.7	42.5	2.0	2.3	1.1	22.3
8 Guilamapu 7948	7483	96	75	173	83	21.1	1.2	42.5	3.3	2.8	1.1	16.3
11 Across 7748 RE	7269	93	78	188	96	5.2	1.1	43.5	3.0	2.0	1.0	18.6
1 Yousafwala 8033	7163	92	83	177	93	4.0	0.0	43.5	3.0	2.8	1.1	20.7
7 Across 8047	7115	91	88	183	94	7.6	0.0	42.0	2.5	1.3	1.0	21.9
3 Antalya 8045	6944	89	95	188	100	4.7	1.7	43.3	2.5	1.5	1.0	21.1
9 Across 7948	6283	80	77	166	76	18.2	2.6	41.8	3.8	2.8	1.0	15.5
5 tlaltizapan 8046	4942	63	76	152	76	19.8	2.1	40.8	3.8	3.5	1.0	16.7
MEANS	7173	92	83	181	93	9.3	1.2	42.7	2.7	2.1	1.0	20.0
MAXIMUM	8286	106	89	217	114	21.1	2.6	43.8	3.8	3.5	1.1	24.1
MINIMUM	4942	63	75	152	76	4.0	0.0	40.8	1.5	1.3	1.0	15.5
CHECKS (TESTIGOS):												
12 G-795 W	7819	-	91	208	90	2.8	4.7	34.3	2.3	1.8	1.4	24.7
13 NL-VS 1	6904	-	95	276	184	19.4	7.1	42.5	3.0	3.3	1.1	27.3
CHECK MEANS	7361	-	93	241	136	11.1	5.9	38.4	2.6	2.5	1.2	26.0
5% LSD	1413.2		4.1	17.8	14.4			2.9				1.8
C. V.	13.7		3.4	6.5	10.0			4.8				6.0

TABLE 123-EV-83

EVT20 YEAR 1983 GUINEA (BISSAU) CONTUBOEL

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	PLANT ASPECT	EARS/ PLNT	MOIST %
10 Across 7734 RE	5624	392	54	201	95	22.5	11.6	3.8	37.5	1.5	2.3	1.0	27.0
3 Antalya 8045	5370	374	53	184	74	22.8	15.8	10.4	38.0	3.0	2.8	1.0	25.6
2 Across 7934	5104	356	55	180	77	15.6	13.9	4.3	33.5	2.3	2.5	1.1	27.8
6 Gemiza 8047	4903	342	54	175	75	26.3	9.0	5.4	35.8	2.5	2.8	1.0	24.9
4 Across 8045	4473	312	54	165	76	22.3	18.4	3.7	39.5	2.5	3.3	1.0	25.0
7 Across 8047	4435	309	54	191	94	23.3	22.1	8.1	35.8	2.5	2.5	1.0	25.4
8 Guilamapu 7948	4188	292	48	170	73	20.3	18.2	11.8	37.0	4.3	4.5	1.0	25.9
1 Yousafwala 8033	3855	269	53	166	77	29.3	12.7	5.5	35.8	2.3	1.8	1.0	27.4
9 Across 7948	3728	260	49	187	77	17.4	12.5	13.0	31.5	4.8	4.3	1.0	24.0
11 Across 7748 RE	2417	168	48	191	87	33.2	16.5	12.5	30.8	4.5	4.3	1.0	26.4
5 tlaltizapan 8046	2268	158	47	153	53	42.1	18.3	13.5	26.5	4.3	3.3	1.1	20.6
MEANS	4215	294	52	178	78	25.0	15.4	8.4	34.7	3.1	3.1	1.0	25.5
MAXIMUM	5624	392	55	201	95	42.1	22.1	13.5	39.5	4.8	4.5	1.1	27.8
MINIMUM	2268	158	47	153	53	15.6	9.0	3.7	26.5	1.5	1.8	1.0	20.6
CHECKS (TESTIGOS):													
12 LOCAL CHECK 1	1435	-	45	168	72	39.0	44.8	12.0	23.8	5.0	4.3	1.0	21.4
13 LOCAL CHECK 2	1314	-	45	148	58	44.0	29.7	9.7	22.5	4.5	3.3	1.0	21.9
CHECK MEANS	1374	-	44	158	64	41.5	37.3	10.8	23.1	4.8	3.8	1.0	21.7
5% LSD	1154.7		1.0	11.9	9.5				3.3				0.9
C.V.	21.3		1.4	4.7	8.7				7.1				2.4

TABLE: 124-EV-83

EVT20 YEAR 1983 SIERRA LEONE NJALA

CO-OPERATOR ACPE PROJECT

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 %
3 Antalya 8045	3411	127	54	157	82	4.8	2.7	17.6	1.5	37.0	1.0	1.0	1.0	32.2
10 Across 7734 RE	2937	110	55	183	100	6.0	1.9	16.6	1.3	35.0	1.3	1.3	1.0	35.7
4 Across 8045	2634	98	53	172	92	6.0	1.4	13.4	1.0	37.3	1.3	1.3	1.0	39.6
2 Across 7934	2531	94	55	172	87	4.8	2.0	13.9	1.3	34.3	1.3	1.3	1.0	36.6
6 Gemiza 8047	2442	91	55	145	67	3.0	6.8	19.0	1.5	32.3	1.5	1.8	1.0	31.6
1 Yousafwala 8033	2387	89	53	152	76	10.1	5.1	21.7	1.5	34.5	1.8	1.8	1.0	32.8
7 Across 8047	1694	63	55	145	71	7.1	0.0	25.8	1.5	26.8	2.8	2.8	1.0	35.4
9 Across 7948	1619	60	54	151	61	9.9	6.1	31.5	1.5	28.3	2.8	2.8	1.0	33.3
5 tlaltizapan 8046	1572	59	53	143	61	5.5	5.5	27.4	1.8	32.0	2.5	2.5	1.0	33.7
11 Across 7748 RE	1545	58	54	152	71	8.2	8.7	29.7	2.0	28.0	2.8	2.8	1.0	36.7
8 Quilamapu 7948	1334	50	54	137	59	7.1	6.8	13.5	2.0	26.0	2.8	2.8	1.0	36.5
MEANS	2191	82	54	155	75	6.6	4.3	20.9	1.5	31.9	2.0	2.0	1.0	34.9
MAXIMUM	3411	127	55	183	100	10.1	8.7	31.5	2.0	37.3	2.8	2.8	1.0	39.6
MINIMUM	1334	50	53	137	59	3.0	0.0	13.4	1.0	26.0	1.0	1.0	1.0	31.6
CHECKS (TESTIGOS):														
13 TALCOO	2681	-	54	187	106	7.7	6.9	13.3	1.3	35.8	1.0	1.0	1.0	38.2
12 WESTERN YELLOW	2377	-	54	180	91	4.6	0.0	9.9	1.3	32.5	1.3	1.5	1.0	33.1
CHECK MEANS	2529	-	54	183	98	6.1	3.5	11.6	1.3	34.1	1.1	1.3	1.0	35.6
5% LSD	891.4		1.4	32.0	19.5					7.1				5.1
C.V.	27.7		1.8	14.0	17.3					15.4				10.2

TABLE: 125-EV-83

EVT20 YEAR 1983 BURUNDI IMBO

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	STEM LODG	ROOT LODG	%EAR ROT	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
2 Across 7934	6347	111	64	132	0.0	0.0	0.0	6.5	37.5	2.5	8.7	3.0	38.3	1.0	27.8
6 Gemiza 8047	5903	103	60	116	0.0	0.0	0.0	5.0	41.8	3.5	6.4	2.0	42.3	0.9	28.4
10 Across 7734 RE	5510	96	64	127	0.0	0.0	0.0	6.0	39.0	3.3	6.0	2.8	38.8	1.0	24.5
7 Across 8047	5271	92	61	113	0.0	0.0	0.0	2.8	41.0	3.5	6.8	3.3	41.0	1.0	29.7
3 Antalya 8045	5047	88	57	117	0.6	0.6	0.0	4.0	38.3	3.3	12.0	2.3	39.0	1.0	25.7
4 Across 8045	4979	87	59	103	0.0	0.0	0.0	2.5	40.8	3.0	6.8	2.5	40.8	1.0	27.4
8 Quilamapu 7948	4519	79	55	119	0.0	0.0	0.0	2.8	40.3	3.8	20.5	2.8	39.8	1.0	28.6
11 Across 7748 RE	4157	72	55	121	0.0	0.0	0.0	2.8	41.0	4.5	17.3	3.3	41.0	1.0	22.8
1 Yousafwala 8033	3999	70	55	100	0.0	0.0	0.0	4.3	42.0	2.3	8.5	2.3	42.3	1.0	25.6
9 Across 7948	3387	59	54	107	0.7	0.0	0.0	2.5	36.3	4.3	12.6	2.5	36.8	1.0	23.8
5 tlaltizapan 8046	2452	43	48	96	3.9	0.0	0.0	0.5	39.3	3.8	19.0	3.8	40.5	1.0	24.9
MEANS	4688	82	57	114	0.5	0.1	0.0	3.6	39.7	3.4	11.3	2.8	40.0	1.0	26.3
MAXIMUM	6347	111	64	132	3.9	0.6	0.0	6.5	42.0	4.5	20.5	3.8	42.3	1.0	29.7
MINIMUM	2452	43	48	96	0.0	0.0	0.0	0.5	36.3	2.3	6.0	2.3	36.8	0.9	22.8
CHECKS (TESTIGOS):															
12 QPS5	5741	-	69	156	0.0	0.0	0.0	1.3	39.8	2.8	2.0	5.0	38.3	1.0	29.2
13 ISBQA	3931	-	68	177	1.2	0.0	0.0	3.3	31.8	2.3	2.2	3.5	33.3	1.0	30.7
CHECK MEANS	4836	-	68	166	0.6	0.0	0.0	2.3	35.8	2.5	2.1	4.3	35.8	1.0	29.9
5% LSD	1187.5		2.4	14.4					6.1						6.6
C.V.	17.6		2.8	8.2					10.8						17.2

TABLE: 126-EV-83

EVT20 YEAR 1983 BURUNDI MOSSO

CO-OPERATOR

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 %
6 Gemiza 8047	7553	110	73	209	93	1.8	42.3	3.0	39.8	3.3	88.0	1.0	40.5
3 Antalya 8045	7053	103	71	205	95	2.4	42.5	2.8	31.9	2.5	88.0	1.0	34.6
10 Across 7734 HE	6875	100	79	228	118	1.2	42.0	3.3	30.6	3.0	87.0	1.0	39.3
7 Across 8047	6808	100	73	213	96	0.0	39.0	3.3	18.2	3.3	85.5	1.0	38.4
2 Across 7934	6805	99	76	219	107	2.3	40.0	3.3	29.0	3.5	87.0	1.0	39.2
4 Across 8045	6271	92	69	211	99	0.6	39.8	3.5	31.6	3.5	87.0	1.0	39.4
5 tlaltizapan 8046	6108	89	71	179	82	6.5	35.3	3.3	31.6	4.3	84.5	1.1	27.2
1 Yoloxochitla 8033	6072	88	67	192	91	4.1	43.0	3.3	31.4	3.3	87.5	1.1	38.1
11 Across 7748 HE	5518	81	67	213	84	2.9	38.8	4.3	41.6	3.8	85.0	1.1	36.2
9 Across 7948	5406	79	72	207	79	8.6	36.5	4.5	33.5	3.5	84.0	1.0	35.0
8 Quilamapu 7948	5151	75	68	194	80	3.6	36.5	4.5	40.8	3.0	83.5	0.9	32.8
MEANS	6332	92	71	206	93	3.1	39.0	3.5	32.7	3.3	86.1	1.0	36.4
MAXIMUM	7553	110	79	228	118	8.6	43.3	4.5	41.6	4.3	88.0	1.1	40.5
MINIMUM	5151	75	67	179	79	0.0	35.3	2.8	18.2	2.5	83.5	0.9	27.2
CHECKS (TESTIGOS)													
13 BOMBON	6853	-	86	273	156	7.9	37.5	3.0	24.6	3.0	83.0	0.8	22.4
12 GPS4XSR52	6672	-	90	272	156	6.0	41.0	3.3	26.4	3.0	82.0	0.9	30.6
CHECK MEANS	6762	-	87	272	155	6.9	39.3	3.1	25.5	3.0	82.5	0.9	26.5
5% LSD	2239.4		10.1	15.1	17.3		5.8						8.4
C.V	24.4		9.5	4.9	11.8		10.2						16.8

TABLE: 127-EV-83

EVT20 YEAR 1983 BURUNDI MURONGWE

CO-OPERATOR: R ZEIGLER

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM BORER %	%EAR ROT	PUCC SORG	HELM	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
3 Antalya 8045	4532	92	76	173	85	1.8	6.0	2.3	2.8	3.0	40.0	3.5	35.5	3.0	32.9
6 Gemiza 8047	3819	78	76	186	83	2.5	11.8	2.5	2.5	4.5	37.3	3.5	44.3	2.8	33.4
2 Across 7934	3519	72	77	179	95	4.0	4.4	2.3	2.8	3.5	34.3	3.5	41.8	2.5	35.5
4 Across 8045	3494	71	76	216	91	2.0	5.3	2.3	3.0	1.8	35.0	3.8	27.7	3.0	31.7
5 tlaltizapan 8046	3488	71	64	159	57	1.8	8.5	2.0	5.0	1.0	18.3	5.0	25.0	5.0	23.1
10 Across 7734 RE	3486	71	77	199	108	2.5	8.0	2.3	3.0	3.3	36.8	3.8	51.3	3.3	33.2
7 Across 8047	2950	60	76	178	88	2.3	12.7	2.3	3.5	3.5	35.8	4.5	55.9	3.0	33.2
11 Across 7748 RE	1379	28	64	185	81	1.8	17.7	2.3	4.8	1.0	31.3	5.0	49.3	5.0	32.9
8 Quilamapu 7948	1307	27	64	177	74	1.8	13.5	1.8	5.0	1.0	21.3	5.0	50.0	5.0	22.8
1 Yousafwala 8033	1140	23	64	157	67	2.5	13.8	2.0	4.8	1.3	29.0	4.8	28.9	4.5	29.9
9 Across 7948	1071	22	65	180	82	1.8	12.4	2.0	5.0	1.0	24.3	5.0	38.1	4.8	25.1
MEANS	2744	56	71	181	83	2.2	10.4	2.2	3.8	2.2	31.2	4.3	40.7	3.8	30.3
MAXIMUM	4532	92	77	216	108	4.0	17.7	2.5	5.0	4.5	40.0	5.0	55.9	5.0	35.5
MINIMUM	1071	22	64	157	57	1.8	4.4	1.8	2.5	1.0	18.3	3.5	25.0	2.5	22.8
CHECKS (TESTIGOS):															
13 BOMBON	4921	-	92	256	151	3.3	2.2	2.0	1.8	2.3	32.3	2.8	28.4	3.8	38.5
12 GPS4X5R52	2692	-	92	233	125	1.5	1.6	2.0	2.0	1.5	11.3	4.0	35.0	4.0	40.4
CHECK MEANS	3807	-	92	244	138	2.4	1.9	2.0	1.9	1.9	21.8	3.4	31.7	3.9	39.5
5% LSD	1785.6		1.8	33.2	17.6						8.0				
C. V.	42.8		1.7	12.2	13.4						18.7				

TABLE: 128-EV-83

EVT20 YEAR 1983 TANZANIA LAMBO

CO-OPERATOR: NATIONAL MAIZE RESEARCH PROGRAMME

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC	HELM	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	MOIST %
4 Across 8045	7310	107	74	168	78	1.7	28.1	1.1	2.8	2.8	42.5	1.3	7.6	2.3	21.1
6 Gemiza 8047	7210	106	75	166	73	2.4	25.2	3.5	2.8	2.3	42.3	1.8	10.9	2.5	22.7
10 Across 7734 RE	6691	98	77	172	73	4.6	20.0	3.9	3.0	2.5	42.5	2.8	2.8	2.3	21.6
3 Antalya 8045	6279	92	74	163	72	1.8	36.9	2.0	2.5	2.8	40.3	1.8	7.3	2.5	20.3
2 Across 7934	6134	90	80	168	78	2.4	18.9	2.7	2.5	2.5	40.5	2.0	11.5	2.5	23.7
7 Across 8047	5938	87	75	160	71	3.7	45.1	3.0	3.0	2.5	40.3	2.3	7.1	2.5	20.0
8 Quilamapu 7948	5835	86	72	156	57	9.5	38.2	1.9	2.5	3.0	37.8	2.3	0.0	2.3	21.3
11 Across 7748 RE	5783	85	72	169	71	5.2	45.5	3.5	2.8	3.0	40.8	2.3	5.8	2.5	18.6
1 Yousafwala 8033	5663	83	71	158	68	5.0	48.4	0.6	3.0	3.0	37.0	1.5	9.1	2.3	20.3
9 Across 7948	5391	79	70	162	59	6.7	38.5	1.3	2.8	3.3	34.0	2.5	0.0	2.3	19.1
5 tlaltizapan 8046	4201	62	68	138	56	8.8	39.6	2.0	2.5	3.5	34.3	2.3	0.0	2.5	19.5
MEANS	6040	89	73	162	68	4.7	34.9	2.3	2.7	2.8	39.3	2.0	5.6	2.4	20.7
MAXIMUM	7310	107	80	172	78	9.5	48.4	3.9	3.0	3.5	42.5	2.8	11.5	2.5	23.7
MINIMUM	4201	62	68	138	56	1.7	18.9	0.6	2.5	2.3	34.0	1.3	0.0	2.3	18.6
CHECKS (TESTIGOS):															
13 EH 8096 X 7992	6808	-	82	191	83	1.3	4.0	2.6	2.5	2.3	37.0	1.8	2.5	2.5	26.6
12 KILIMA	5558	-	83	201	92	0.7	26.7	0.8	2.8	2.3	27.0	1.8	6.0	2.3	24.4
CHECK MEANS	6183	-	82	196	87	1.0	15.4	1.7	2.6	2.3	32.0	1.8	4.2	2.4	25.5
5% LSD	1023.0		3.0	16.9	10.7						6.2				
C. V.	11.8		2.8	7.1	10.5						11.4				

TABLE: 129-EV-83

EVT20 YEAR 1983 ZAIRE KISANGA

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	VIRUS %	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	HUSK COVER	HELM TURC	PLANTS HARV	EAR ASPCT	MOIST %
2 Across 7934	5098	74	72	182	86	2.3	6.8	1.9	3.0	1.8	2.0	2.0	39.8	2.0	22.5
10 Across 7734 RE	4900	71	73	192	101	1.0	9.2	8.3	1.9	1.5	1.8	1.8	38.5	2.0	21.9
3 Antalya 8045	4640	67	67	196	97	1.0	6.5	8.1	4.3	1.0	2.5	1.5	36.5	2.0	21.0
4 Across 8045	4614	67	65	186	90	1.3	6.8	3.9	1.7	1.0	2.0	1.5	39.5	1.5	19.8
6 Gemiza 8047	4457	65	70	164	77	1.3	3.8	7.0	4.2	1.3	1.8	1.3	39.5	2.8	22.4
7 Across 8047	3935	57	70	178	85	1.8	6.0	15.1	4.3	1.0	2.3	2.3	41.5	2.8	19.6
1 Yousafwala 8033	3156	46	65	183	92	0.3	16.4	12.4	4.2	1.0	1.8	2.3	39.3	1.5	17.3
11 Across 7748 RE	2481	36	64	179	88	0.0	13.5	16.5	4.4	1.0	1.8	3.0	38.0	3.0	16.4
9 Across 7948	2418	35	62	173	74	1.3	25.4	14.4	7.8	1.0	2.0	3.5	31.8	3.0	16.9
8 Quilamapu 7948	2237	33	63	175	80	1.5	21.9	21.2	11.3	1.0	2.3	3.0	32.8	3.0	16.6
5 tlaltizapan 8046	2120	31	60	166	78	0.5	26.8	8.2	5.7	1.5	2.3	3.5	36.0	1.8	17.3
MEANS	3641	53	66	179	86	1.1	13.0	10.6	4.8	1.2	2.0	2.3	37.5	2.3	19.4
MAXIMUM	5098	74	73	196	101	2.3	26.8	21.2	11.3	1.8	2.5	3.5	41.5	3.0	22.5
MINIMUM	2120	31	60	164	74	0.0	3.8	1.9	1.7	1.0	1.8	1.3	31.8	1.5	16.4
CHECKS (TESTIGOS):															
12 SHABA I	6879	-	76	209	104	1.0	8.8	5.0	1.3	1.0	2.0	1.3	40.0	1.0	26.3
13 PNM I	5267	-	83	194	100	2.8	6.5	3.9	0.7	1.0	2.0	1.0	38.5	1.8	26.8
CHECK MEANS	6073	-	79	201	102	1.9	7.7	4.5	1.0	1.0	2.0	1.1	39.3	1.4	26.6
5% LSD	1307.0		3.3	29.0	18.0								4.5		
C.V.	22.7		3.4	11.1	14.2								8.3		

TABLE: 130-EV-83

EVT20 YEAR 1983 ZIMBABWE RATTRAY-ARNOLD

CO-OPERATOR: R. C. OLVER

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	PLNTS GERM	EARS/ PLNT	MOIST %
4 Across 8045	7687	65	60	218	123	15.2	16.7	2.4	42.3	82.5	1.0	13.6
2 Across 7934	7531	64	64	224	128	10.2	5.5	3.4	42.0	81.3	1.0	14.4
7 Across 8047	7309	62	61	215	119	3.4	5.3	3.5	43.3	80.3	1.0	14.0
6 Gemiza 8047	7159	61	63	219	113	15.8	18.8	4.0	39.8	83.0	1.0	13.6
3 Antalya 8045	7100	60	62	213	123	21.4	23.4	1.7	43.5	85.3	1.0	13.9
10 Across 7734 RE	6942	59	64	260	159	35.9	22.2	4.0	42.0	82.3	1.0	14.3
11 Across 7748 RE	6062	52	60	218	108	14.2	4.7	0.6	42.5	87.8	1.0	15.3
8 Quilamapu 7948	6041	51	59	216	114	32.5	2.4	0.7	39.8	83.8	1.0	15.7
1 Yousafwala 8033	5951	51	59	214	114	5.9	4.7	5.9	42.3	85.5	1.0	14.0
9 Across 7948	5153	44	59	214	100	14.5	0.0	0.6	41.5	85.3	1.0	15.9
5 tlaltizapan 8046	5059	43	58	210	118	17.5	1.2	0.6	42.8	83.8	1.0	14.6
MEANS	6545	56	61	220	120	16.0	9.5	2.5	42.0	83.7	1.0	14.5
MAXIMUM	7687	65	64	260	159	32.5	23.4	5.9	43.5	87.8	1.0	15.9
MINIMUM	5059	43	58	210	100	3.4	0.0	0.6	39.8	80.3	1.0	13.6
CHECKS (TESTIGOS):												
12 ZS225	11750	-	63	263	136	5.7	5.2	0.0	43.3	84.5	1.0	12.5
13 SR52	7250	-	72	298	166	13.7	84.7	5.4	37.3	85.8	1.0	15.2
CHECK MEANS	9500	-	67	280	151	9.7	45.0	2.7	40.3	85.1	1.0	13.9
5% LSD	1265.9		1.2	20.9	17.5				3.1			0.7
C.V.	12.6		1.3	6.4	9.8				5.2			3.6

TABLE: 131-EV-83

EVT20 YEAR 1983 ZIMBABWE CHIREDZE

CO-OPERATOR: R. C. OLVER

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 %
7 Across 8047	8435	86	50	244	115	3.4	0.0	1.8	38.0	2.3	10.6	2.3	76.0	1.2	12.8
10 Across 7734 RE	7981	82	54	258	125	0.6	2.7	1.2	36.5	2.3	7.7	2.5	73.8	1.2	12.9
2 Across 7934	7783	80	54	254	118	0.0	0.7	0.5	38.8	2.5	9.9	2.3	76.5	1.2	12.8
3 Antalya 8045	7294	75	50	231	108	0.7	2.6	0.0	35.3	2.8	6.7	1.8	75.0	1.1	13.0
4 Across 8045	7229	74	49	219	105	0.6	0.0	2.6	38.3	2.8	16.7	2.3	73.3	1.0	12.6
6 Gemiza 8047	7102	73	51	213	101	0.7	1.3	1.9	36.8	2.5	11.4	3.0	71.0	1.1	12.6
11 Across 7748 RE	6999	72	46	223	93	3.5	0.6	4.6	36.8	3.8	19.0	2.3	73.0	1.0	13.0
1 Yousafwala 8033	6991	71	49	203	103	1.3	0.0	1.7	38.8	2.5	21.2	3.0	78.0	1.1	12.5
9 Across 7948	6953	71	47	210	89	2.0	0.0	3.8	36.0	3.5	19.7	2.5	73.8	1.1	12.6
8 Quilamapu 7948	6681	68	46	220	94	10.5	0.0	4.0	35.5	3.3	12.7	2.3	71.8	1.1	12.6
5 tlaltizapan 8046	5845	60	46	198	96	1.3	0.7	1.8	38.8	3.3	16.8	2.8	80.3	1.1	12.4
MEANS	7208	74	49	225	104	2.2	0.8	2.2	37.2	2.8	13.9	2.4	74.8	1.1	12.7
MAXIMUM	8435	86	54	258	125	10.5	2.7	4.6	38.8	3.8	21.2	3.0	80.3	1.2	13.0
MINIMUM	5845	60	46	198	89	0.0	0.0	0.0	35.3	2.3	6.7	1.8	71.0	1.0	12.4
CHECKS (TESTIGOS):															
12 (ZS225) ZIMBABWE	9787	-	50	268	130	0.0	0.7	1.2	38.5	2.0	0.7	1.0	79.8	1.1	12.7
13 (SR52) ZIMBABWE	8683	-	58	305	156	0.6	3.4	3.3	37.8	1.8	2.7	1.3	77.5	1.0	14.5
CHECK MEANS	9235	-	54	286	143	0.3	2.0	2.3	38.1	1.9	1.7	1.1	78.6	1.0	13.6
5% LSD	827.8		1.1	15.2	12.2				3.8						0.6
C.V.	7.7		1.6	4.5	7.7				7.1						3.0

TABLE: 132-EV-83

EVT20 YEAR 1983 BURMA YEZIN

CO-OPERATOR: DR. TUN SAING + UMAW KYI

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PITHIUM SK ROT%	STEM LODG	ROOT LODG	%EAR ROT	STALK ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	MOIST %
10 Across 7734 RE	4843	127	43	210	117	1.3	8.6	7.1	20.4	24.2	2.6	38.3	4.0	3.0	25.6
2 Across 7934	4627	121	44	191	104	0.7	9.1	17.6	18.8	27.2	2.9	35.8	4.3	3.1	27.8
6 Gemiza 8047	4558	119	42	181	98	5.2	11.8	3.5	23.1	46.5	2.6	38.0	4.1	3.5	26.8
4 Across 8045	4510	118	39	189	101	4.3	11.4	10.6	12.6	49.1	2.9	36.0	3.0	3.3	25.9
11 Across 7748 RE	4411	115	38	188	84	0.0	18.5	5.2	39.8	85.6	3.0	38.0	4.0	3.5	23.1
7 Across 8047	4196	110	41	175	90	0.0	11.9	13.1	37.2	55.2	2.8	34.3	3.9	3.4	25.4
3 Antalya 8045	4174	109	40	185	94	1.6	13.1	17.6	33.1	51.9	3.0	37.0	3.5	3.3	24.6
9 Across 7948	3723	97	39	179	80	1.5	20.5	9.7	47.6	88.8	3.8	37.5	4.4	3.8	23.5
1 Yousafwala 8033	3722	97	39	167	89	2.9	5.8	10.2	25.4	38.1	3.1	36.0	3.1	3.1	25.3
8 Quilamapu 7948	3319	87	38	179	78	3.9	23.6	13.6	47.0	85.9	3.1	33.5	4.3	3.9	25.9
5 tlaltizapan 8046	2811	74	39	160	85	0.0	19.8	6.6	31.9	64.1	3.4	32.8	3.4	3.4	22.1
MEANS	4081	107	40	182	93	1.9	14.0	10.4	30.6	56.0	3.0	36.1	3.8	3.4	25.1
MAXIMUM	4843	127	44	210	117	5.2	23.6	17.6	47.6	88.8	3.8	38.3	4.4	3.9	27.8
MINIMUM	2811	74	38	160	78	0.0	5.8	3.5	12.6	24.2	2.6	32.8	3.0	3.0	22.1
CHECKS (TESTIGOS):															
12 SHWE WAR 1	3823	-	41	156	83	0.8	9.5	29.0	17.3	33.7	3.0	35.3	3.0	3.3	25.2
13 SHWE WAR 8	3080	-	41	157	84	1.6	14.4	26.5	30.4	49.5	3.0	32.8	3.1	3.6	25.7
CHECK MEANS	3452	-	40	156	83	1.2	12.0	27.8	23.9	41.6	3.0	34.0	3.1	3.4	25.4
5% LSD	911.6		1.7	14.7	14.4							6.5			
C.V.	16.0		3.0	5.8	11.0							12.7			

TABLE: 133-EV-83

EVT20 YEAR 1983 THAILAND SRISOMRONG

CO-OPERATOR: DR. KITISRI SUKHAPINDA

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	PLANT ASPECT	PLNTS GERM	EARS/ PLNT	MOIST %
10 Across 7734 RE	6171	104	53	211	107	4.3	5.7	40.0	1.8	1.1	79.5	1.0	27.4
6 Gemiza 8047	5656	96	53	176	85	1.8	1.9	42.0	1.8	1.4	83.8	1.0	26.8
4 Across 8045	5624	95	52	192	102	3.3	0.0	40.0	1.9	1.5	79.5	1.0	25.2
7 Across 8047	5623	95	53	179	90	4.0	4.1	41.5	1.9	1.4	83.0	1.0	24.6
3 Antalya 8045	5594	95	53	192	99	7.1	4.7	42.3	1.9	1.4	84.3	1.0	24.7
2 Across 7934	5315	90	54	188	95	1.8	1.2	42.8	1.9	1.5	85.0	1.0	26.6
1 Yousafwala 8033	4797	81	52	177	91	4.2	1.2	41.0	2.1	1.5	81.8	1.0	24.0
11 Across 7748 RE	4174	71	51	183	85	6.7	1.2	41.3	2.3	1.9	82.0	0.9	22.6
5 tlaltizapan 8046	3574	60	51	168	82	3.7	1.9	39.8	2.8	1.6	79.3	0.9	21.1
9 Across 7948	3342	57	53	172	73	8.4	2.6	35.5	2.8	1.9	70.3	0.9	22.1
8 Quilamapu 7948	2805	47	54	163	67	12.4	1.0	30.0	3.0	2.0	59.8	0.9	23.5
MEANS	4789	81	53	182	89	5.2	2.3	39.6	2.2	1.6	78.9	1.0	24.4
MAXIMUM	6171	104	54	211	107	12.4	5.7	42.8	3.0	2.0	85.0	1.0	27.4
MINIMUM	2805	47	51	163	67	1.8	0.0	30.0	1.8	1.1	59.8	0.9	21.1
CHECKS (TESTIGOS):													
13 PC-DR	5912	-	56	205	112	3.9	1.8	35.5	1.9	1.4	70.8	1.1	[illegible]
12 SUWAN 1	4690	-	55	194	102	1.1	1.7	31.0	1.9	1.6	56.8	1.0	28.0
CHECK MEANS	5301	-	55	199	107	2.5	1.7	33.3	1.9	1.5	63.8	1.0	27.5
5% LSD	1310.3		1.7	14.6	12.7			7.5					1.6
C.V.	18.8		2.2	5.5	9.7			13.5					4.5

TABLE: 134-EV-83

TRIAL: ELVT 20

YEAR: 1983

MEANS ACROSS 15 LOCATIONS

ENTRY NO. AND NAME	KG. /HA.	PARENT POPULATION	% BEST REFERENCE ENTRY	DAYS FLOWER	PLANT HT.
10 Across 7734 RE	6065	Blanco Subtropical	100	63	208
2 Across 7934	5763	" "	95	63	192
4 Across 8045	5705	Amarillo Bajío	95	59	185
6 Gemiza 8047	5677	Templado Blanco Dentado	94	61	179
3 Antalya 8045	5647	Amarillo Bajío	94	60	186
7 Across 8047	5514	Templado Blanco Dentado	91	61	186
1 Yousafwala 8033	4981	Amarillo Subtropical	82	59	176
11 Across 7748 RE	4748	Compuesto de Hungría	78	57	187
8 Quilamapu 7948	4394	" "	72	57	176
9 Across 7948	4305	" "	71	57	177
5 tlaltizapan 8046	3628	Templado Amarillo Cristalino	60	55	166

Addendum 1981
and
Addendum 1982

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TABLE: 111-V-81

GPMT 11A YEAR 1981 GRENADA CALIVIGNI(1)

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
6 POOL 23 GPM (RSF)	4637	179	58	144	70	31.0	1.0	13.2
3 GUANACASTE 7940	3348	129	60	146	73	18.8	1.5	13.5
8 ACROSS 7740 RE	2863	110	59	129	58	14.8	1.2	13.4
7 WHITE BU-POOL GPM (R	2737	106	58	141	66	19.3	1.1	12.9
2 FERKE (1) 7940	2599	100	58	130	66	15.0	1.4	13.2
4 TUXPENO 1 GPM (RSF)	2516	97	61	147	73	21.8	0.9	13.3
5 AMARILLO DENTADO GPM	1878	72	59	131	66	17.8	0.8	13.3
1 ACROSS 7839	696	27	64	135	69	4.3	1.6	13.0
MEANS	2659	103	60	138	68	17.8	1.2	13.2
MAXIMUM	4637	179	64	147	73	31.0	1.6	13.5
MINIMUM	696	27	58	129	58	4.3	0.8	12.9
CHECKS (TESTIGOS):								
11 LOCAL CHECK 3	2591	-	61	176	118	11.0	1.9	13.2
9 LOCAL CHECK 1	2369	-	60	186	116	31.0	0.7	12.7
10 LOCAL CHECK 2	1437	-	52	179	105	1.5	9.8	14.8
CHECK MEANS	2132	-	57	179	112	14.5	4.1	13.5
5% LSD	1680.1		3.0	17.5	17.7	7.4		1.1
C.V.	46.3		3.6	8.1	15.4	30.4		5.6

TABLE: 112-V-81

GPMT 11A YEAR 1981 GRENADA CALIVIGNI(2)

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	PLANTS HARV	%BAD H. C.	EARS/ PLNT	MOIST %
7 WHITE BU-POOL GPM (R	4700	75	200	32.8	7.3	1.0	16.8
4 TUXPENJ 1 GPM (RSF)	4389	70	199	22.0	6.1	1.5	16.8
5 AMARILLO DENTADO GPM	4297	68	190	28.8	6.6	1.2	17.0
8 ACROSS 7740 RE	3783	60	192	26.5	6.1	1.1	15.8
2 FERKE (1) 7940	3737	59	202	22.3	4.4	1.2	16.4
9 ACROSS 7726 (N) RE	3547	56	189	20.3	4.0	1.1	17.3
6 POOL 23 GPM (RSF)	3085	49	191	21.3	6.4	1.1	16.8
3 GUANACASTE 7940	2975	47	207	20.3	5.7	1.2	16.8
1 ACROSS 7839	2974	47	179	15.8	2.8	1.4	16.1
MEANS	3721	59	194	23.3	5.5	1.2	16.6
MAXIMUM	4700	75	207	32.8	7.3	1.5	17.3
MINIMUM	2974	47	179	15.8	2.8	1.0	15.8
CHECKS (TESTIGOS):							
10 LCOAL CHECK 1	6292	-	216	33.5	5.1	1.5	15.8
12 LOACAL CHECK 3	4896	-	242	25.3	3.6	1.4	17.3
11 LOCAL CHECK 2	3752	-	244	21.0	6.2	1.5	17.6
CHECK MEANS	4980	-	234	26.6	4.9	1.5	16.9
5% LSD	1499.8		33.7	9.3			1.5
C.V	25.8		11.5	26.8			6.1

TABLE: 85-P-32 POPULATION: AMARILLO SUBTROP.-2 TRIAL: IPTT 33

LOCATION RIBEIRO PRETO BRAZIL EXP. VARIETY: RIBEIRAO PRETO 8233

9CO-OPERATOR

PROG NO	KG/HA	RANK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT
25	3191	8	119	62	15.3	4.5	14.1	19.0	2.0	27.3	2.0	1.0
40	3054	11	124	58	17.5	0.0	4.9	20.0	1.0	10.0	2.5	1.0
53	2844	15	128	60	12.0	0.0	12.1	20.5	1.5	24.3	3.0	1.0
79	3751	3	129	48	14.5	0.0	2.5	20.5	1.5	21.8	2.0	1.1
106	2850	14	122	62	15.8	0.0	12.8	22.0	2.5	26.9	3.0	0.9
114	3368	5	123	47	20.3	2.3	9.9	20.5	1.5	23.0	2.5	1.0
136	3269	7	119	61	13.3	2.8	7.6	19.0	1.0	13.1	2.5	1.0
164	2926	12	118	52	20.6	5.6	12.7	19.5	2.0	24.6	3.0	1.0
227	2713	19	133	57	15.0	0.0	8.0	19.5	2.0	12.7	2.0	1.0
SEL MEAN	3109	-	124	56	16.0	1.7	9.4	20.1	1.7	20.4	2.5	1.0
POP MEAN	1912	-	117	55	24.1	3.3	18.0	19.2	3.0	29.3	3.6	0.9
POP RANGE	3751-	-	141-	69-	72.2-	35.7-	44.5-	22.0-	4.5-	55.9-	5.0-	1.1-
	745	-	94	41	0.0	0.0	2.4	12.0	1.0	9.1	2.0	0.4
CHECK MEAN	2999	-	142	78	8.5	3.4	4.2	19.3	1.3	12.6	1.3	1.0
BEST CHECK	3891	-	156	86	9.3	4.5	7.5	21.0	2.0	12.0	1.0	1.0
C.V.	21.7		7.1	11.7								
5% LSD	816.5		16.5	12.6								

BEST CHECK: LOCAL CHECK 2 OTHER CHECKS: LOCAL CHECK 1, LOCAL CHECK 3, LOCAL CHECK 4, LOCAL CHECK 5, LOCAL CHECK 6

TABLE: 398-V-82

GPMT 11B YEAR 1982 PERU LA MOLINA

CO-OPERATOR: A. MANRIQUE CH. J. NAKAHODO N.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLANTS HARV	EARS/ PLNT	MOIST %
2 LA PLATINA 7941	2830	117	32.5	1.0	21.3
4 ETO X ILL. QPM (RSF)	2357	97	28.3	1.0	21.9
8 ACROSS 7845 NRE	2285	94	28.3	0.9	19.2
6 POOL 34 QPM (RSF)	2045	84	21.8	1.3	20.8
7 ACROSS 7741 RE	2037	84	25.3	0.8	20.5
1 PIRACICABA 7941	2018	83	28.5	0.9	19.7
3 ACROSS 7941	1995	82	25.8	1.0	19.6
5 POOL 31 QPM (RSF)	1591	66	21.3	1.0	19.0
MEANS	2145	88	26.4	1.0	20.2
MAXIMUM	2830	117	32.5	1.3	21.9
MINIMUM	1591	66	21.3	0.8	19.0
CHECKS (TESTIGOS):					
9 PMS-267 02	2426	-	20.0	1.1	27.8
11 PM-701	2128	-	19.0	1.1	27.0
10 PMS-266 02	1523	-	16.5	1.2	28.1
CHECK MEANS	2025	-	18.5	1.1	27.6
5% LSD	885.8		10.4		3.8
C.V.	29.0		29.7		12.0

TABLE: 399-V-82

GPMT 11B YEAR 1982 PERU LA MOLINA (2)

CO-OPERATOR: A. MANRIQUE CH. J. NAKAHODO N.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
8 ACROSS 7845 NRE	4768	106	57	171	76	40.8	0.7	30.8
2 LA PLATINA 7941	4655	103	58	158	70	40.3	0.8	34.0
7 ACROSS 7741 RE	4137	92	58	173	77	37.3	0.9	39.4
3 ACROSS 7941	3688	82	58	161	75	41.5	0.7	35.1
1 PIRACICABA 7941	3584	80	56	166	71	41.3	0.7	37.1
6 POOL 34 QPM (RSF)	3543	79	56	148	61	38.0	0.7	34.2
4 ETO X ILL. QPM (RSF)	3427	76	58	151	63	34.3	0.6	32.2
5 POOL 31 QPM (RSF)	2914	65	57	144	50	42.0	0.6	33.1
MEANS	3840	85	57	159	68	39.4	0.7	34.5
MAXIMUM	4768	106	58	173	77	42.0	0.9	39.4
MINIMUM	2914	65	56	144	50	34.3	0.6	30.8
CHECKS (TESTIGOS):								
9 PMS-267 02 AMILACEO	4501	-	75	230	125	31.0	0.9	34.0
11 PM-701 NORMAL	4242	-	72	230	120	35.0	0.6	31.5
10 PMS-266 02 AMILACEO	3944	-	75	248	143	35.3	0.8	40.5
CHECK MEANS	4229	-	73	236	129	33.8	0.8	35.3
5% LSD	1624.3		2.6	15.2	15.1	6.9		5.5
C.V.	28.5		3.0	5.9	12.4	12.7		11.0

TABLE: 400-V-82

EVT 13: YEAR 1982 PERU LA MOLINA

CO-OPERATOR: A. MANRIQUE CH. J. NAKAHODO N.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
7 TOCUMEN 8027	4525	114	168	81	31.8	1.1	26.3
3 CHIRIQUI (2) 8024	4503	114	170	88	31.0	1.1	26.3
9 PICHILINGUE 7928	4450	112	154	71	29.3	1.1	26.0
2 CHIRIQUI (1) 8024	4311	109	154	73	26.8	1.0	25.1
10 ACROSS 7928	4273	108	172	80	28.3	1.0	26.0
14 ACROSS 7627 RE	4036	102	168	74	28.5	1.1	27.6
4 SATIPO (1) 7827	3787	96	174	74	28.5	1.0	29.4
12 ACROSS 7936	3777	95	153	70	29.5	1.0	23.0
5 GUAYMAS 8027	3657	92	170	88	27.0	1.1	32.3
1 POZA RICA 8024	3527	89	155	70	20.8	1.1	28.5
11 PIURA (1) 7936	3446	87	144	59	22.8	1.0	24.5
8 SUWAN 8027	3444	87	172	77	25.0	1.0	28.6
13 ACROSS 7728 RE	3398	86	157	72	22.5	1.0	27.9
6 POZA RICA 8027	3306	83	148	66	27.0	1.0	27.1
MEANS	3889	98	161	74	27.0	1.0	27.0
MAXIMUM	4525	114	174	88	31.8	1.1	32.3
MINIMUM	3306	83	144	59	20.8	1.0	23.0
CHECKS (TESTIGOS):							
17 127X126	3961	-	205	112	21.3	1.2	29.6
15 PM-210	2359	-	125	75	15.5	1.0	28.3
16 PM-701	1894	-	211	101	10.3	1.1	28.1
CHECK MEANS	2738	-	180	95	15.7	1.1	28.6
5% LSD	1404.0		50.3	30.5	10.0		4.7
C.V.	26.8		21.5	27.5	28.0		12.0

TABLE: 401-V-82

EVT 13: YEAR 1982 PERU LA MOLINA (2)

CO-OPERATOR: A. MANRIQUE CH. J. NAKAHODO N.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
4 SATIPO (1) 7827	7174	94	69	205	98	42.8	1.0	30.5
3 CHIRIQUI (2) 8024	7130	94	69	197	99	40.0	1.0	31.0
13 ACROSS 7728 RE	7046	92	74	200	100	41.5	1.1	36.0
6 POZA RICA 8027	6700	88	67	194	92	40.8	1.1	33.9
5 GUAYMAS 8027	6640	87	67	194	94	40.8	1.0	31.5
2 CHIRIQUI (1) 8024	6590	86	69	196	102	37.5	1.0	34.5
7 TOCUMEN 8027	6585	86	68	188	95	40.0	1.0	30.0
8 SUWAN 8027	6439	84	67	197	100	38.8	1.0	34.3
10 ACROSS 7928	6365	83	69	195	99	39.0	1.0	35.5
1 POZA RICA 8024	6349	83	68	193	90	36.8	0.9	32.0
12 ACROSS 7936	6291	83	66	183	91	40.8	1.0	34.3
11 PIURA (1) 7936	6261	82	67	186	91	41.8	0.9	33.9
14 ACROSS 7627 RE	5760	76	67	195	88	36.5	1.0	31.3
9 PICHILINGUE 7928	4887	64	67	192	95	37.5	0.8	35.2
MEANS	6444	85	68	194	95	39.6	1.0	33.1
MAXIMUM	7174	94	74	205	102	42.8	1.1	36.0
MINIMUM	4887	64	66	183	88	36.5	0.8	30.0
CHECKS (TESTIGOS):								
17 127X126	7623	-	76	247	146	38.3	1.2	32.5
15 PM-210	7492	-	75	262	147	37.8	0.9	39.0
16 PM-701	7225	-	74	231	123	34.5	0.9	34.0
CHECK MEANS	7447	-	74	246	138	36.8	1.0	35.2
5% LSD	1666.5		0.5	15.8	11.9	5.3		4.3
C.V.	17.7		0.6	5.5	8.1	9.6		8.9

TABLE: 402-V-82

EVT 14A: YEAR 1982 PERU LA MOLINA

CO-OPERATOR: A. MANRIQUE CH. J. NAKAHODO N.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
10 ISLAMABAD 8035	4628	148	153	71	32.5	1.0	18.9
1 PIURA (1) 7926	4508	144	157	68	32.8	1.0	23.7
3 SAAVEDRA 7926	4491	144	161	65	30.0	1.0	23.6
2 ISLAMABAD (1) 7926	4391	141	160	69	29.5	1.1	21.4
11 POZA RICA 8035	3904	125	157	67	30.0	1.0	22.3
13 ACROSS 7726 RE	3829	123	152	63	26.5	1.1	23.8
14 ACROSS 7635 RE	3677	118	142	63	30.0	1.0	21.4
4 ACROSS 7926	3648	117	154	69	25.5	1.0	24.3
12 SUWAN 8035	3392	109	150	64	27.5	1.0	22.1
9 ACROSS 7931	3357	108	146	66	30.8	0.9	21.1
8 SATIPO (2) 7931	3329	107	140	61	29.5	1.0	19.5
7 SATIPO (1) 7931	3315	106	139	60	30.3	0.9	19.3
6 PICHILINGUE 7931	3293	106	147	58	33.3	0.9	19.4
5 SETE LAGOAS 7931	3291	105	137	57	26.8	1.0	22.1
MEANS	3790	121	149	64	29.6	1.0	21.6
MAXIMUM	4628	148	161	71	33.3	1.1	24.3
MINIMUM	3291	105	137	57	25.5	0.9	18.9
CHECKS (TESTIGOS):							
17 127X126	3121	-	195	103	19.5	1.1	32.5
15 PM-210	2864	-	217	122	18.5	1.0	31.3
16 PM-701	2071	-	200	102	15.0	0.8	26.1
CHECK MEANS	2685	-	203	108	17.7	1.0	30.0
5% LSD	1123.1		11.2	12.1	7.8		3.3
C.V.	22.0		4.9	11.8	19.8		10.1

TABLE: 403-V-82

EVT 14A: YEAR 1982 PERU LA MOLINA (2)

CO-OPERATOR: A. MANRIQUE CH. J. NAKAHODO N.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
4 ACROSS 7926	6187	70	62	168	77	39.8	1.0	35.1
13 ACROSS 7726 RE	5609	64	62	174	76	40.3	0.9	35.4
1 PIURA (1) 7926	5574	63	63	171	77	36.0	1.0	34.0
3 SAAVEDRA 7926	5397	61	63	177	82	38.8	1.0	33.0
12 SUWAN 8035	5204	59	61	167	68	37.3	0.9	34.9
2 ISLAMABAD (1) 7926	5131	58	61	164	72	38.5	0.9	34.1
11 POZA RICA 8035	4526	52	61	158	63	38.3	0.8	32 0
10 ISLAMABAD 8035	4477	51	60	159	67	38.5	0.8	30.6
9 ACROSS 7931	4440	51	56	160	62	40.5	0.9	31.1
14 ACROSS 7635 RE	4391	50	61	153	63	34.5	0.9	34.0
5 SETE LAGOAS 7931	4316	49	55	173	72	41.5	0.9	30.9
6 PICHILINGUE 7931	3711	42	56	159	60	37.0	0.8	32.1
7 SATIPO (1) 7931	3399	39	58	159	65	37.5	0.7	26.6
8 SATIPO (2) 7931	3259	37	56	149	54	39.3	0.6	27.7
MEANS	4687	53	59	163	68	38.4	0.9	32.3
MAXIMUM	6187	70	63	177	82	41.5	1.0	35.4
MINIMUM	3259	37	55	149	54	34.5	0.6	26.6
CHECKS (TESTIGOS):								
17 127X126	8784	-	76	248	143	37.8	1.3	30.0
16 PM-701	7837	-	73	224	118	41.3	0.9	35.0
15 PM-210	6922	-	75	258	149	38.0	0.8	33.5
CHECK MEANS	7848	-	74	243	136	39.0	1.0	32.8
5% LSD	1543.5		0.6	13.1	10.9	4.8		3.3
C.V.	20.7		0.7	5.2	9.6	8.8		7.1

TABLE: 404-V-82

EVT 14A: YEAR 1982 INDIA HYDERABAD

CO-OPERATOR: KISHEN NARAYAN

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	HELM TURC	PLANTS HARV	EARS/ PLNT	MOIST %
4 ACROSS 7926	3922	93	54	155	77	1.1	38.3	1.1	24.0
12 SUWAN 8035	3683	87	54	155	58	1.0	40.0	1.0	23.3
7 SATIPO (1) 7931	3652	87	49	183	83	1.0	38.5	1.0	21.0
10 ISLAMABAD 8035	3617	86	52	153	77	1.3	38.0	1.1	22.6
3 SAAVEDRA 7926	3456	82	53	169	73	1.3	39.5	1.1	23.1
6 PICHILINGUE 7931	3339	79	50	141	56	1.0	36.0	1.1	23.7
11 POZA RICA 8035	3305	79	54	144	55	1.0	37.5	1.1	23.7
1 PIURA (1) 7926	3268	78	54	147	62	1.1	38.5	1.0	25.3
2 ISLAMABAD (1) 7926	3055	73	55	155	63	1.0	37.5	1.1	23.6
5 SETE LAGOAS 7931	2974	71	49	154	58	1.1	37.0	1.0	21.6
9 ACROSS 7931	2937	70	47	145	67	1.3	38.3	1.0	24.0
8 SATIPO (2) 7931	2903	69	48	156	61	1.0	37.0	1.1	22.0
14 ACROSS 7635 RE	2870	68	53	137	65	1.0	32.8	1.2	23.2
13 ACROSS 7726 RE	2622	62	53	153	68	1.0	33.8	1.1	24.3
MEANS	3257	77	52	153	66	1.1	37.3	1.1	23.2
MAXIMUM	3922	93	55	183	83	1.3	40.0	1.2	25.3
MINIMUM	2622	62	47	137	55	1.0	32.8	1.0	21.0
CHECKS (TESTIGOS):									
15 LOCAL CHECK 1	4210	-	52	150	54	1.0	36.0	1.1	25.4
16 LOCAL CHECK 2	3452	-	54	148	58	1.1	32.5	1.0	25.2
17 LOCAL CHECK 3	3253	-	59	147	55	1.0	30.3	1.1	25.7
CHECK MEANS	3638	-	55	148	55	1.0	32.9	1.1	25.4
5% LSD	877.6		2.7				6.5		3.2
C.V.	18.6		3.7				12.5		9.6

TABLE: 405-V-82

EVT 15A: YEAR 1982 PERU LA MOLINA

CO-OPERATOR: A. MANRIQUE CH. J. NAKAHODO N.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLANTS HARV	EARS/ PLNT	MOIST %
12 ACROSS 7726 NRE	3973	203	28.0	1.1	24.3
2 CHUQUISACA (1) 7839	3448	177	26.5	1.0	22.0
9 ACROSS 8039	3361	172	27.5	1.0	26.0
10 ACROSS 7940	2996	153	27.3	0.9	28.1
6 SAN JERONIMO 8039	2974	152	26.5	1.0	24.3
4 SATIPO (2) 7839	2884	148	26.3	1.0	28.6
11 ACROSS 7740 RE	2743	140	22.0	0.9	27.7
5 TOCUMEN 8039	2742	140	24.0	1.0	22.0
8 POZA RICA 8039	2738	140	26.8	1.0	24.9
7 FERKE (1) 8039	2546	130	24.0	1.2	25.7
1 JARDINOPOLIS 7938	2542	130	21.3	1.1	23.9
3 SATIPO (1) 7839	2119	109	20.3	0.9	24.3
MEANS	2922	150	25.0	1.0	25.1
MAXIMUM	3973	203	28.0	1.2	28.6
MINIMUM	2119	109	20.3	0.9	22.0
CHECKS (TESTIGOS):					
15 PM-701 NORMAL	1953	-	18.8	0.8	29.7
13 PMS-267 02	1080	-	9.0	1.0	31.6
14 PMS-266 02	663	-	8.5	0.7	25.0
CHECK MEANS	1232	-	12.1	0.8	28.8
5% LSD	1006.8		6.9		3.5
C.V.	27.3		21.6		9.4

TABLE: 406-V-82

EVT 15A: YEAR 1982 PERU LA MOLINA (2)

CO-OPERATOR: A. MANRIQUE CH. J. NAKAHODO N.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
11 ACROSS 7740 RE	6656	81	67	187	91	41.8	1.0	30.5
2 CHUQUISACA (1) 7839	5977	73	64	189	98	40.5	1.0	34.4
3 SATIPO (1) 7839	5976	73	65	202	105	41.8	1.0	33.5
10 ACROSS 7940	5950	73	62	185	87	41.5	1.0	40.8
5 TOCUMEN 8039	5809	71	64	193	97	42.3	1.0	35.4
7 FERKE (1) 8039	5764	70	62	190	92	43.8	0.9	33.9
12 ACROSS 7726 NRE	5224	64	64	177	77	38.5	1.0	38.9
9 ACROSS 8039	5214	64	61	194	95	40.0	0.9	39.1
6 SAN JERONIMO 8039	5064	62	62	181	89	38.8	1.0	37.2
4 SATIPO (2) 7839	4460	54	63	191	93	38.8	0.8	38.9
8 POZA RICA 8039	4390	54	62	177	88	41.0	0.9	39.2
1 JARDINOPOLIS 7938	4300	52	60	174	84	38.5	0.9	34.5
MEANS	5399	66	63	187	91	40.6	0.9	36.3
MAXIMUM	6656	81	67	202	105	43.8	1.0	40.8
MINIMUM	4300	52	60	174	77	38.5	0.8	30.5
CHECKS (TESTIGOS):								
15 PM-701 NORMAL	8192	-	75	226	120	39.3	0.9	31.0
13 PMS-267 02 AMILACEO	6499	-	75	246	137	37.5	1.0	32.0
14 PMS-266 02 AMILACEO	6451	-	76	270	158	35.0	1.0	37.5
CHECK MEANS	7047	-	75	247	138	37.3	1.0	33.5
5% LSD	1323.0		0.7	9.8	6.9	5.0		4.4
C.V.	16.2		0.8	3.5	4.8	8.7		8.6

TABLE: 407-V-82

EVT 16A: YEAR 1982 PERU LA MOLINA

CO-OPERATOR: A. MANRIQUE CH. J. NAKAHODO N.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	PLANTS HARV	EARS/ PLNT	MOIST %
1 CHUQUISACA (1) 7833	3416	90	26.8	1.1	18.7
9 TLALTIZAPAN 8045	2725	72	26.3	0.9	20.8
7 CHUQUISACA 7845	2595	68	25.8	1.0	19.8
10 ANTALYA (1) 8045	2250	59	30.0	0.8	20.4
12 ACROSS 8045	2121	56	29.5	0.6	19.1
8 OBREGON 8045	1997	53	21.5	0.9	20.4
21 ACROSS 7845 RE	1952	51	22.8	0.8	20.5
6 CHUQUISACA (1) 7845	1742	46	20.5	0.7	19.7
11 ANTALYA 8045	1555	41	19.3	0.8	21.0
5 YOUSAFWALA 8033	1456	38	25.5	0.6	20.9
3 PANTNAGAR (1) 8033	1406	37	17.8	0.6	19.2
2 SAN JERONIMO 8033	1248	33	21.0	0.7	21.9
13 OBREGON 8046	968	26	26.0	0.7	17.5
4 TLALTIZAPAN 8033	907	24	16.0	0.6	24.3
18 TLALTIZAPAN 7948	545	14	15.3	0.4	21.3
15 QUILAMAPU 7948	483	13	12.3	0.3	22.2
19 ACROSS 7948	406	11	15.0	0.2	25.0
20 ACROSS 7748 RE	394	10	14.8	0.4	20.5
14 TLALTIZAPAN 8046	380	10	13.8	0.2	16.5
16 ADAPAZARI 7948	214	6	8.3	0.1	20.9
17 ADAPAZARI (1) 7948	120	3	8.5	0.1	20.5
MEANS	1375	36	19.8	0.6	20.5
MAXIMUM	3416	90	30.0	1.1	25.0
MINIMUM	120	3	8.3	0.1	16.5
CHECKS (TESTIGOS):					
22 PM-210	3790	-	24.0	1.1	32.2
24 127X126	2181	-	12.5	1.2	31.0
23 PM-701	1368	-	11.3	0.9	34.6
CHECK MEANS	2447	-	15.9	1.1	32.6
5% LSD	1013.0		12.7		4.1
C.V.	47.6		46.5		13.2

TABLE: 408-V-82

EVT 16A: YEAR 1982 PERU LA MOLINA (2)

CO-OPERATOR: A MANRIQUE CH. J. NAKAHODO N.

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
1 CHUGUISACA (1) 7833	4572	68	60	185	98	37.5	0.8	36.1
11 ANTALYA 8045	3798	57	57	159	70	39.0	0.7	33.2
12 ACROSS 8045	3764	56	57	162	69	39.5	0.7	30.0
21 ACROSS 7845 RE	3627	54	57	164	73	38.8	0.7	31.5
4 TLALTIZAPAN 8033	3460	52	57	145	61	39.0	0.8	25.4
2 SAN JERONIMO 8033	3438	51	55	155	62	40.0	0.7	29.6
6 CHUGUISACA (1) 7845	3305	49	60	160	77	38.5	0.6	32.2
7 CHUGUISACA 7845	3298	49	58	169	79	40.8	0.5	30.8
10 ANTALYA (1) 8045	3259	49	57	158	71	37.0	0.6	27.2
8 OBREGON 8045	2966	44	57	161	71	38.8	0.6	29.5
9 TLALTIZAPAN 8045	2945	44	55	160	67	36.8	0.6	34.7
3 PANTNAGAR (1) 8033	2930	44	54	137	58	38.8	0.7	26.1
15 QUILAMAPU 7948	2512	37	55	161	63	35.3	0.7	29.5
16 ADAPAZARI 7948	2156	32	54	159	61	39.8	0.6	28.7
18 TLALTIZAPAN 7948	1965	29	55	161	66	35.5	0.6	25.9
20 ACROSS 7748 RE	1864	28	54	163	64	36.3	0.5	24.1
5 YOUSAFWALA 8033	1837	27	56	141	61	33.3	0.5	28.8
14 TLALTIZAPAN 8046	1823	27	51	131	52	31.8	0.8	23.1
19 ACROSS 7948	1821	27	54	159	55	33.0	0.6	24.3
13 OBREGON 8046	1624	24	50	134	52	39.5	0.6	26.5
17 ADAPAZARI (1) 7948	1546	23	54	153	60	37.5	0.6	24.7
MEANS	2786	42	56	156	66	37.4	0.6	28.6
MAXIMUM	4572	68	60	185	98	40.8	0.8	36.1
MINIMUM	1546	23	50	131	52	31.8	0.5	23.1
CHECKS (TESTIGOS).								
24 127X126	6711	-	75	239	147	37.0	1.1	32.5
23 PM-701	5779	-	72	225	125	41.3	0.6	31.0
22 PM-210	5554	-	74	256	149	34.8	0.8	33.5
CHECK MEANS	6015	-	73	239	140	37.7	0.8	32.3
5% LSD	1835.2			11.6	9.1	6.1		
C.V.	40.8			4.9	8.6	11.5		

TABLE: 409-V-82

EVT 16B: YEAR 1982 MEXICO VALLE DE JUAREZ

CO-OPERATOR:

ENTRY NO. /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT	EARS/ PLNT	MOIST %
2 SETE LAGOAS 7934	5178	69	63	184	115	14.8	11.2	44.0	2.5	10.2	2.8	0.9	23.4
13 ACROSS 7844 RE	4918	66	66	172	111	13.1	12.2	44.0	2.5	8.0	2.8	0.9	25.0
6 SWAT (1) 8047	4557	61	60	149	88	26.1	14.1	44.0	3.3	12.5	4.3	1.0	17.9
11 ACROSS 8047	4445	59	63	153	96	17.0	11.3	44.0	2.8	11.4	3.5	0.9	21.9
10 TLALTIZAPAN 8047	4421	59	61	169	103	20.5	20.8	44.0	4.0	9.1	3.0	0.9	23.5
4 ACROSS 7934	4220	56	66	159	98	22.2	18.4	44.0	3.3	12.5	4.0	0.9	21.8
9 QEMEIZA (1) 8047	4176	56	61	150	92	21.6	11.4	44.0	2.8	5.1	4.0	0.9	19.8
12 ACROSS 7734 RE	3937	53	66	178	112	17.0	13.2	44.0	2.8	6.3	3.3	0.9	22.7
5 AWASSA (1) 8047	3710	49	61	155	96	19.9	16.8	44.0	3.0	8.0	4.0	0.8	17.7
3 KANIAMA 7934	3616	48	66	158	94	18.2	10.9	44.0	2.3	8.5	3.8	0.9	22.7
7 SWAT 8047	3615	48	61	164	93	20.5	14.7	44.0	3.0	11.4	3.8	0.8	20.5
8 QEMEIZA 8047	3465	46	63	152	97	24.4	8.5	44.0	1.8	8.5	4.5	0.9	19.3
1 TLALTIZAPAN 7934	3368	45	66	149	88	19.9	19.6	44.0	3.3	8.5	3.8	0.8	24.4
MEANS	4125	55	63	161	99	19.6	14.1	44.0	2.8	9.2	3.6	0.9	21.6
MAXIMUM	5178	69	66	184	115	26.1	20.8	44.0	4.0	12.5	4.5	1.0	25.0
MINIMUM	3368	45	60	149	88	13.1	8.5	44.0	1.8	5.1	2.8	0.8	17.7
CHECKS (TESTIGOS):													
15 EXP-8080	7496	-	60	180	102	8.0	26.4	44.0	4.0	36.9	2.3	1.0	18.8
16 EXP-9090	7241	-	59	191	104	4.0	43.1	44.0	5.0	46.0	2.0	1.0	18.3
14 EXP-140	6653	-	64	185	104	10.8	38.1	44.0	4.8	9.1	2.8	0.9	23.9
CHECK MEANS	7130	-	61	185	103	7.6	35.9	44.0	4.6	30.7	2.3	0.9	20.4
5% LSD	1183.9		3.6	18.8	11.7								3.6
C.V.	17.7		4.1	8.0	8.2								11.9