CIMMYT International Maize Testing Program

Programa de Ensayos Internacionales de Maíz del CIMMYT

1984 Final Report

International Progeny Testing Trials
Experimental Variety Trials
Elite Variety Trials

Informe Final de 1984

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

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Introduction

The *1984 Final Report* of the International Maize Testing Program contains summaries of trial data received from April 16 to December 15, 1985. Trial data for 1984 that are received after December 15, 1985, will be included as an addendum to the *1985 Preliminary Report*, which should be available to trial cooperators by October 1986. The previously published *1984 Preliminary Report* and this *1984 Final Report* include data from 453 trial sets returned by national maize scientists in 73 countries.

These reports are the end product of carefully conducted trials and the timely return of complete and accurate data by hundreds of trial cooperators, whose participation is of immense value in the development of superior varieties for maize farmers in developing countries. We at CIMMYT wish to express our thanks to these scientists in national programs for their time and effort, and we look forward to continued cooperation with them.

Germplasm Improvement at CIMMYT

A large part of the maize research at CIMMYT is directed toward the development and improvement of broad-based gene pools and populations that offer high-yield potential and yield stability under a wide variety of production conditions in developing countries. Work on gene pools is the responsibility of the Maize Program's "Backup Unit," while most of the population improvement and variety development is carried out by the "Advanced Unit." The International Testing Program serves as a vehicle for distribution and evaluation of germplasm developed by the Advanced Unit and thus links this unit with the Center's cooperators in national maize programs throughout the developing world.

In its germplasm improvement work, the Advanced Unit employs the modified full-sib recurrent selection procedure illustrated in Figure A. With this procedure one cycle of improvement can be completed in four cropping seasons or two years, one year longer than would be required for normal full-sib recurrent selection. The additional seasons are necessary because CIMMYT's maize trials are grown both north and south of the equator. Since the main growing season occurs at different times in the two hemispheres, it takes two seasons for all the trials to be grown and the data collected. Maize Program breeders make good use of these extra seasons by carrying out within-family improvement for the traits that are most important in particular populations and by including one recombination generation for selected families.

International Trials

The International Maize Testing Program distributes three types of trials: International Progeny Testing Trials (IPTTs), Experimental Variety Trials (EVTs), and Elite Variety Trials (ELVTs). These are described below and illustrated in Figure A; the relationship between them and the gene pools and populations in CIMMYT's normal and quality protein maize improvement programs is shown in Figures B and C.

International Progeny Testing Trials—In these trials progeny of 15 populations, differing in adaptation, maturity time, and grain color, were tested at 87 locations in 36 countries during 1984. The test sites included virtually all of the major maize research stations in the developing world.

Information derived from the IPTTs is used for two purposes: (1) formation of experimental varieties (EVs) based on data from (a) specific locations and (b) across locations and (2) selection of superior families (those showing broad adaptation and resistance to major diseases and insect pests) to be recombined for the next cycle of improvement.

Experimental Variety Trials—During 1984 each of seven distinct EVTs was distributed to 30–50 locations. The purpose of those trials is to evaluate CIMMYT's newest EVs for yield and yield stability in numerous diverse environments around the world.

Elite Variety Trials—In these trials EVs found to be superior and broadly adapted in the EVTs are retested at up to 100 locations. During 1984 CIMMYT sent a total of 707 sets of EVTs and ELVTs to scientists in 71 countries.

General features of the international trials—Two features of the International Maize Testing Program are particularly important. First, most of the testing is done outside Mexico at major research stations of participating national programs, so all of the Center's materials are tested in environments that are broadly similar to those of farmers who will eventually grow the materials.

A second feature is that the program creates opportunities for national researchers to profit from one another's experience. Since the IPTTs are larger and more complex than the EVTs and ELVTs, the IPTTs are generally conducted only by the stronger national programs. Programs that carry out only the less complicated ELVTs benefit in two ways. First, they gain access to the germplasm tested in those trials. And second, they receive additional data on the performance of the germplasm in the form of results from EVTs conducted the previous year, as well as data from fellow researchers who are testing the same ELVT in the same year but at different locations.

Naming of CIMMYT Varieties

Full-sib families determined to be superior in the IPTTs, on the basis of data collected by national cooperators, are recombined at CIMMYT to form EVs. Each of these varieties is normally derived from the 10 best families at each good test site and is assigned a name consisting of letters and numbers that indicate the year and location where the IPTT was grown and the best families identified, as well as the number of the population from which the EV was derived. For example the EV Poza Rica 8425 (reported in Table 62-P-84) was formed from the 13 best families of Population 25 tested at Poza Rica, Mexico, in 1984.

A site-specific EV can be formed at the request of a cooperator who has found certain families to be superior based on yield data and field observations of other characteristics in which he or she has a special interest. In the names of those varieties—for example, Piura (1) 8424 (reported in Table 60-P-84)—a number is inserted in parentheses immediately after the name of the test location.

For each IPTT one experimental variety, termed an "across EV," is formed on the basis of information gathered across as many as six test locations. An example is Across 8424 (reported in Table 61-P-84), which was formed on the basis of data from the Dominican Republic, Mexico, Panama, Peru, and Senegal.

Trial Distribution and Data Recovery

In 1984, 87 sets of IPTTs were shipped to scientists in 36 countries, and 707 sets of EVTs and ELVTs were sent to 71 countries. The numbers of IPTTs distributed to those countries are listed in Table A, and the numbers of EVTs and ELVTs sent are listed in Table B. This information and data on the return of trial results are summarized in Table C. Results were received for 457, or 57.6%, of the 794 trials sent. The regions showing the best rates of data recovery were South America, North and Central America, the Caribbean, North Africa and the Middle East, and the Indian subcontinent.

The populations whose progeny were tested in the IPTTs, as well as those from which the EVs were derived, are described in a later section of this publication (page 20). See also the section beginning on page 27 that defines the characteristics for which data are recorded in the trials and gives the abbreviations used in the summary tables for those characteristics.

Summary of IPTT Results

In each of the tables in this publication that report IPTT results, yields and other agronomic characteristics are given for the selected full-sib families (usually the best 10) from which each EV is formed. The paragraphs that follow give an overview of the IPTT results.

In 1984 the results of 72 IPTTs, from a total of 87 distributed, were returned to CIMMYT, giving an encouragingly high recovery rate of 83%.The information received from trial cooperators is fed into the Center's on-going population improvement work and contributes to broadening the adaptation of the germplasm.

Since EVs are formed on the basis of data from IPTTs, the quality of those trials is extremely important. In Table D information is provided on IPTT quality, as indicated by the coefficient of variation (CV), and on the relative efficiency (RE) of the lattice design of the trials, as compared with the randomized complete block design. Trials with a CV of 10% or less are considered excellent, those with a CV of 11 to 20 good, and those having 21 to 25 acceptable. An RE of 100 indicates that the lattice design offers no advantage over the randomized complete block design in the extraction of information. Values greater than 100 imply that the lattice design is more efficient. This design is particularly valuable in the IPTTs, which are relatively large and have RE values greater than 125.

Forty-five of those trials (63%) were good or excellent, as judged by their CVs, and 15 (21%) were of acceptable quality. In almost all the trials, the lattice design showed some advantage over the randomized complete block, and in 11 trials this advantage was significant.

IPTT mean yields are presented in the form of a histogram in Figure D. In about 92% of the trials, the mean yield was 3 t/ha or more, reflecting excellent trial management as well as the superior genetic makeup of the material tested. The good yields of the IPTTs make it possible to distinguish more readily between genotypes and thus to select more effectively.

Summary of EVT and ELVT Results

For the EVTs and ELVTs, results are reported in two forms: (1) individual tables containing data from single sites and (2) tables for each trial giving regional and overall summaries of the data. The regions are designated in the summary tables as follows: (I) South America, (II) North, Central America and the Caribbean, (III) Mid-East, (IV) West Africa, (V) East and southern Africa, and (VI) Asia.

The mean yields of the EVTs and ELVTs are shown in the histogram in Figure E. In 79% of the trials, mean yields were 3 t/ha or above. Yields of the majority of the trials ranged from 3 to 6 t/ha. The highest yielding materials were in EVTs 12A, 12B, and 14B and ELVT 18A. The mean yields of those trials were 6 t/ha or higher at 29% of the test locations.

The CVs of the variety trials are divided into three groups in Figure F. The majority of the trials (ranging from 63% for ELVT 18A to 100% for EVT 12B) had CVs of less than 20%. As noted previously, a CV of less than 20% indicates that trial management was good to excellent.

Although in general the 1984 trials appear to have been conducted well, a preliminary analysis of the number of plants harvested indicates that plant stand was lower for the local checks included by trial cooperators than for the EVs sent by CIMMYT. This discrepancy, which has been observed in previous years as well, was especially noticeable among trials conducted in the North and Central America, Caribbean, West Africa, and Asia regions. The two probable causes of the differences between checks and EVs are that (1) the seed of checks had low viability and vigor and (2) was not treated with fungicide and a systemic insecticide, such as Furadan, before planting.

In an attempt to reduce these discrepancies and thus make possible more valid comparisons between local checks and other materials, we will in all future seed shipments include a mixture of Furadan and Thiram, along with empty seed packets, for local checks. We feel, however, that the more important of the two causes of the lower plant stand of local checks is the use of low-vigor seed and so urge national cooperators to use only fresh seed of those materials. Another way in which cooperators could improve the plant stand of local checks would be to conduct a germination test of the seed and then adjust the seeding rate accordingly.

The yield performance of the best EV is compared with that of the best local check for each of the variety trials in Table E. Over 48% of the best EVs yielded better than the best local check. The highest proportion of that group were tested in EVTs 12A, 12B, and 14B and ELVTs 18A and 18B. These results indicate something of the benefit to national maize improvement programs of CIMMYT germplasm, which national scientists either use directly as open-pollinated varieties or subject to further breeding.

A yield comparison like that made in Table E is, of course, only one of several criteria that national scientists take into account when assessing the performance of new materials. Other important considerations are plant and ear height, maturity, lodging score, husk cover, grain color and texture, yield stability, and disease and insect resistance. Some of these other factors are mentioned in the following brief discussions of individual trials.

EVT 12A—In this trial the EVs from tropical, late, white dent populations were tested. The mean yields across 38 test locations (Table 129-V-84) show the superior performance of EVs developed from Population 43 (La Posta). Those EVs were taller, however, than others included in the trial. Newer varieties from Population 29 (Tuxpeño Caribe) in general gave higher average yields than the reference entry Across 7729RE.

EVT 12B—Data on the performance of EVs developed from the 1982 IPTT of Population 22 (Mezcla Tropical Blanca) are listed in Table 134-V-84. The EVs flowered earlier and gave much higher yields than the reference check Across 7622RE.

EVT 13—The EVs tested in this trial were developed from Populations 24, 27, and 36, which are tropical, early-intermediate maturity, yellow flint (or dent) materials. There were small differences among the varieties in days to silk and grain yield. All the new EVs from Population 27 outperformed the reference entry Across 7627RE (Table 157-V 84).

EVT 14A—Table 179-V-84 gives yield data for EVs from Populations 26 (Mezcla Amarilla) and 35 (Antigua-Republica Dominicana), including figures for different regions as well as averages over 43 locations. Varieties from Population 26 were taller and gave higher yields than those from Population 35. The new EVs from Population 35 were similar to the reference entry Across 7635RE in days to silk and plant height but gave higher yields.

EVT 14B—This trial was made up of EVs from Populations 23, 30, 32, and 49, which are tropical, early-intermediate maturity, white-grain materials. The EVs from Population 30 (Blanco Cristalino 2) were much earlier and shorter than the rest of the entries. Ikenne (1) 8149, though intermediate in maturity and low in plant height, was one of the three highest yielders. The top yielders, Ferke (1) 8223 and Los Baños (1) 8232, were similar in plant height and days to flower (Table 189-V-84).

EVT 16A—The EVs tested in this trial were developed from Populations 33, 45, and 48, which are subtropical, yellow-grain materials of early to intermediate maturity. The populations can be ranked as follows, from highest to lowest, according to the yield performance of the EVs developed from them: 45 (Amarillo Bajio), 33 (Amarillo Subtropical), and 48 (Compuesto de Hungary). The populations can be ranked in the same order (again from highest to lowest) according to the days to flower and plant height of the varieties from them (Table 207-V-84).

EVT 16B—Mean yields across 14 locations are listed in Table 214-V-84 for EVs from the subtropical, white-grain Populations 34, 44, and 47. Tlaltizapan 8244 was clearly the top yielder in the trial. Among the new EVs developed from Population 34 (Blanco Subtropical), Across 8134 was the highest yielding.

ELVT 18A—This trial compared the yields and agronomic characters of tropical, late-maturing varieties selected on the basis of their performance during the previous year in EVTs 12 and 13. Ilonga 8043, Ferke (1) 8128, and Los Baños 8027 were the highest yielding elite varieties from Populations 43, 28, and 27, respectively (Table 83-EV-84). Poza Rica 8129, Poza Rica 8121, and Poza Rica 8136 were the top three from Populations 29, 21, and 36. In general, the elite varieties in this trial were of similar maturity (as measured by days to flower). There were small differences among test entries in grain yield over 50 locations.

ELVT 18B—Elite EVs from Populations 26, 30, 31, 32, 35, and 49 were the entries in this trial of early-intermediate maturing maize having subtropical adaptation. Data on the performance of those varieties over 49 locations are listed in Table 101-EV-84. The intermediate-maturing elite varieties from Populations 26, 32, and 49 gave higher yields than those from Populations 30 and 31. Rattray-Arnold (1) 8149 was the highest yielder in the trial. Suwan (1) 8131 and CIAT 8130 were the highest yielding elite varieties from Populations 31 and 30, respectively.

Introducción

El *Informe final de 1984* del Programa de Ensayos Internacionales de Maíz contiene resúmenes de la información sobre los ensayos recibidos del 16 de abril al 15 de diciembre de 1985. La información sobre los ensayos de 1984 que se reciba después del 15 de diciembre de 1985 se incluirá como suplemento en el *Informe preliminar de 1985*, que estará a disposición de las personas que colaboran en los ensayos para octubre de 1986. El *Informe preliminar de 1984*, publicado con anterioridad, y este *Informe final de 1984* incluyen información sobre 453 grupos de ensayos, enviada por científicos nacionales de maíz de 73 países.

Estos informes representan el producto final de ensayos realizados con gran cuidado y del oportuno envío de información completa y exacta por parte de cientos de colaboradores en los ensayos, cuya participación es de inmenso valor para la creación de variedades superiores destinadas a los agricultores de maíz de los países en desarrollo. En el CIMMYT, deseamos expresar nuestro agradecimiento a los científicos de los programas nacionales por el tiempo y esfuerzo que han dedicado y esperamos continuar la colaboración con ellos.

Mejoramiento de germoplasma en el CIMMYT
Gran parte de la investigación de maíz del CIMMYT está dirigida hacia la creación y mejoramiento de complejos germoplásmicos y poblaciones de basa amplia que ofrezcan un potencial de rendimiento alto y estable en las condiciones de producción muy variadas de los países en desarrollo. La "Unidad de Apoyo" del Programa de Maíz es responsable del trabajo con los complejos germoplásmicos, mientras que la "Unidad Avanzada" se hace cargo de la mayor parte de la labor de mejoramiento de poblaciones y creación de variedades. El Programa de Ensayos Internacionales actúa como vehículo para distribuir y evaluar el germoplasma creado por la Unidad Avanzada y, de esta manera, sirve de eslabón entre esta unidad y los colaboradores del Centro pertenecientes a los programas nacionales de maíz en todo el mundo en desarrollo.

En su labor de mejoramento de germoplasma, la Unidad Avanzada emplea el procedimiento modificado de selección recurrente de hermanos completos que aparece en la figura A. Con este procedimiento se puede completar un ciclo de mejoramiento en cuatro temporadas de cultivo o dos años, un año más de lo que se necesitaría para la selección recurrente de hermanos completos normal. Las otras temporadas son necesarias porque los ensayos de maíz del CIMMYT se llevan a cabo tanto al norte como al sur del ecuador y, dado que la temporada principal de cultivo no ocurre al mismo tiempo en los dos hemisferios, se requieren dos temporadas para cultivar todos los ensayos y recopilar la información. Los mejoradores del Programa de Maíz aprovechan estas temporadas adicionales para efectuar un mejoramiento inter-familiar de las características más importantes en determinadas poblaciones y para incluir una generación de recombinación de las familias seleccionadas.

Ensayos internacionales
El Programa de Ensayos Internacionales de Maíz distribuye tres tipos de ensayos: Ensayos Internacionales de Prueba de Progenie (IPTT), Ensayos de Variedades Experimentales (EVT) y Ensayos de Variedades Elite (ELVT), que se describen a continuación y se ilustran en la figura A. En las figuras B y C se presenta la relación que existe entre ellos y los complejos germoplásmicos y poblaciones de los programas de mejoramiento de maíz normal y con calidad de proteína del CIMMYT.

Ensayos Internacionales de Prueba de Progenie. En estos ensayos se sometieron a prueba, en 87 localidades de 36 países durante 1984, las progenies de 15 poblaciones que difieren en cuanto a la adaptación, tiempo de madurez y color del grano. Los sitios en que se llevaron a cabo las pruebas incluyen prácticamente todas las estaciones importantes de investigación de maíz en el mundo en desarrollo.

La información obtenida de los IPTTs se utiliza para dos propósitos: (1) creación de variedades experimentales (EV), basándose en la información recibida de (a) localidades específicas y (b) diferentes localidades, y (2) selección de familias superiores (aquellas que presentan mayor adaptación y resistencia a las enfermedades y plagas de insectos más importantes) que se recombinarán para el siguiente ciclo de mejoramiento.

Ensayos de Variedades Experimentales. En 1984, se distribuyeron siete EVTs diferentes en 30-50 localidades; el objetivo de estos ensayos es evaluar las EVs más recientes del CIMMYT en cuanto al rendimiento y a la estabilidad del rendimiento en numerosos ambientes diferentes en todo el mundo.

Ensayos de Variedades Elite. En estos ensayos se vuelven a someter a prueba en hasta 100 localidades las EVs consideradas superiores y de mayor adaptación. Durante 1984, el CIMMYT envió un total de 707 grupos de EVTs y ELVTs a los científicos de 71 países.

Características generales de los ensayos internacionales. Dos características del Programa de Ensayos Internacionales son de especial importancia. En primer lugar, la mayor parte de los ensayos se lleva a cabo fuera de México en las principales estaciones de investigación de los programas nacionales participantes, de tal forma que todos los materiales del Centro se prueban en ambientes muy similares a los de los agricultores que más tarde cultivarán estos materiales.

Una segunda característica es que el programa crea oportunidades para que los investigadores nacionales se beneficien de las experiencias de los demás. Como los IPTTs son más grandes y complejos que los EVTs y los ELVTs, solo los programas nacionales más fuertes suelen llevarlos a cabo. Los programas que sólo efectúan los ELVTs menos complicados se benefician en dos formas: en primer lugar, tienen acceso al germoplasma probado en estos ensayos y, en segundo, reciben más información acerca del comportamiento del germoplasma gracias a los resultados de los EVTs efectuados el año anterior, así como también información procedente de los compañeros investigadores que someten a prueba el mismo ELVT en el mismo año, pero en localidades diferentes.

Designación de las variedades del CIMMYT

Las familias de hermanos completos que se consideraron superiores en los IPTTs, con base en la información recopilada por los colaboradores nacionales, se recombinan en el CIMMYT para formar EVs. Normalmente cada una de estas variedades se deriva de las 10 mejores familias de cada localidad de prueba adecuada y se le asigna un nombre que consiste en letras y números que indican el año y la localidad en que se cultivó el IPTT y las mejores familias identificadas, así como también el número de la población de la que se obtuvo la EV. Por ejemplo, la EV Poza Rica 8425, que aparece en el cuadro 62 P 84, se formó a partir de las 13 mejores familias de la Población 25, que se sometió a prueba en Poza Rica México, en 1984.

A petición de un colaborador que ha encontrado que ciertas familias son superiores según la información sobre el rendimiento y las observaciones de campo de otras características en las que tiene especial interés, se puede crear una EV específicamente para un sitio. En los nombres de tales variedades (por ejemplo, Piura (1) 8424 que aparece en el cuadro 60-P-84), se inserta un número entre paréntesis inmediatamente después del nombre de la localidad en que se llevó cabo la prueba.

De cada IPTT se crea una variedad experimental, denominada "Across EV", sobre la base de la información reunida en un total de seis localidades donde se efectuó la prueba. Un ejemplo es Across 8424 (que aparece en el cuadro 61-P 84), que se creó sobre la base de información recopilada en México, Panamá, Perú, República Dominicana y Senegal.

Distribución de ensayos y recuperación de información

En 1984 se enviaron 87 grupos de IPTTs a científicos de 36 países y 707 grupos de EVTs y ELVTs a 71 países. En el cuadro A aparece el número de IPTTs distribuidos en esos países y en el cuadro B se menciona el número de EVTs y ELVTs que se enviaron. En el cuadro C se resumen los datos sobre la recuperación de los resultados de los ensayos. Se obtuvieron resultados de 457 (57.6%) ensayos enviados. Las regiones que presentaron los mejores índices de recuperación de información fueron América del Sur, América del Norte y Centroamérica, El Caribe, Norte de Africa y Medio Oriente y el subcontinente indio.

En una sección posterior de esta publicación se describen las poblaciones cuya progenie se sometió a prueba en los IPTTs, así como también aquellas de las que se derivaron las EVs (ver página 20). Asimismo, la sección que comienza en la página 27 define las características que sirven de base para registrar la información en los ensayos y presenta las abreviaturas utilizadas en los cuadros para dichas características.

Resumen de los resultados de los IPTTs
En todos los cuadros de esta publicación que informan acerca de los resultados de los IPTTs, se presentan los rendimientos y otras características agronómicas de las familias seleccionadas de hermanos completos (por lo general las 10 mejores) de las que se creó cada EV. En los siguientes párrafos se da un resumen de los resultados de los IPTTs.

En 1984, el CIMMYT recibió los resultados de 72 IPTTs de un total de 87 ensayos que se había distribuido, lo que da un índice de recuperación alentadoramente alto de 83%. La información recibida de las personas que colaboran en los ensayos se incluye en la labor actual de mejoramiento de poblaciones del Centro y contribuye a ampliar la adaptación de germoplasma.

Como las EVs se forman sobre la base de la información obtenido de los IPTTs, la calidad de tales ensayos es de vital importancia. En el cuadro D se suministra la información sobre la calidad de los IPTTs, como lo indica el coeficiente de variación (CV) y sobre la eficacia relativa (RE) del diseño de látice de los ensayos, en comparación con el diseño de bloques completos al azar. Los ensayos con un CV de 10% o menos se consideran excelentes; los que tienen un CV de 11 a 20%, buenos, y los que tienen un CV de 21 a 25%, aceptables. Una RE de 100 indica que el diseño de látice no ofrece ninguna ventaja sobre el diseño de bloques completos al azar en cuanto a la extracción de información. Los valores de más de 100 indican que el diseño es particularmente valioso en los IPTTs relativamente grandes y que presentan valores de RE mayores de 125.

Cuarenta y cinco de estos ensayos (63%) fueron buenos o excelente, juzgados de acuerdo con su CV, y 15 (21%) fueron de calidad aceptable. En casi todos los ensayos, el diseño de látice presentó alguna ventaja sobre el diseño de bloques completos al azar, y en 11 ensayos esta ventaja fue significativa.

En la figura D se presentan los rendimientos medios de los IPTTs en forma de histograma. En cerca del 92% de los ensayos, el rendimiento medio fue de 3 t/ha o más, que refleja el excelente manejo de los ensayos y la composición genética superior del material sometido a prueba. El buen rendimiento de los IPTTs hace posible distinguir los genotipos con más facilidad y, por ende hacer una mejor selección.

Resumen de los resultados de los EVTs y ELVTs
Los resultados de los EVTs y ELVTs se presentan en dos formas: (1) cuadros individuales que contienen información sobre un solo lugar y (2) cuadros para cada ensayo que suministran resúmenes regionales y globales de la información. En los cuadros de resumen, las regiones se designan de la siguiente manera: (I) América del Sur, (II) América del Norte, Centroamérica y el Caribe, (III) Medio Oriente, (IV) Africa Occidental, (V) Africa Oriental y del Sur y (IV) Asia.

En el histograma de la figura E se presentan los rendimientos medios de los EVTs y ELVTs. En el 79% de los ensayos, el rendimiento medio fue de 3 t/ha o más. El rendimiento de la inmensa mayoría de los ensayos fue de 3 a 6 t/ha. Los materiales que tuvieron el rendimiento más alto fueron los EVTs 12A, 12B y 14B y el ELVT 18A. El rendimiento medio de dichos ensayos fue de 6 t/ha o más en el 29% de las localidades donde se efectuaron las pruebas.

En la figura F se dividen en tres grupos los CVs de los ensayos de variedades. La mayor parte de los ensayos (desde 63% para el ELVT 18A hasta 100% para el EVT 12B) presentaron CVs de menos de 20%. Como se mencionó anteriormente, un CV de menos de 20% indica que el manejo del ensayo se considera de bueno a excelente.

Si bien en general parece que los ensayos de 1984 se efectuaron de manera apropiada, el análisis preliminar del número de plantas cosechadas indica que la densidad de plantas fue más pequeña en los testigos locales incluidos por los colaboradores en los ensayos que en las EVs enviadas por el CIMMYT. Esta discrepancia, que también se ha observado en años anteriores, se notó sobre todo en los ensayos efectuados en las regiones de América del Norte y Centroamérica, el Caribe, Africa Occidental y Asia. Las dos causas probables de la diferencia entre los testigos y las EVs son que (1) la semilla de los testigos era menos viable y vigorosa, y (2) no se dio tratamiento con fungicida ni con un insecticida sistémico, como por ejemplo Furadan, antes de la siembra.

En un intento por reducir estas discrepancias y, en consecuencia, hacer posibles comparaciones más válidas entre los testigos locales y los demás materiales, en todos los futuros envíos de semilla incluiremos una mezcla de Furadan y Thiram, junto con paquetes de semilla vacíos, para los testigos locales. No obstante, consideramos que la causa más importante de la reducida densidad de plantas en los testigos locales es el empleo de semilla de poco vigor y, por ello, pedimos a los colaboradores nacionales que utilicen únicamente semillas frescas de tales materiales. Otra forma en que los colaboradores pueden mejorar la densidad de plantas de los testigos locales consiste en efectuar una prueba de germinación de la semilla y hacer los ajustes correspondientes en el método de siembra.

En el cuadro E se compara el comportamiento del rendimiento de la mejor EV con el del mejor testigo local en cada uno de los ensayos de variedades. Más del 48% de las mejores EVs presentaron rendimientos más elevados que los mejores testigos locales. La proporción más alta de ese grupo se obtuvo en los EVTs 12A, 12B y 14B y en los ELVTs 18A y 18B. Estos resultados indican algunos de los beneficios que obtienen los programas nacionales de mejoramiento de maíz con el germoplasma del CIMMYT que los científicos nacionales emplean directamente como variedades de polinización libre o someten a un mejoramiento más extenso.

Sin duda, una comparación del rendimiento, como la efectuada en el cuadro E, es sólo uno de los muchos criterios que los científicos nacionales toman en consideración al evaluar el comportamiento de los materiales nuevos. Otros factores importantes son la altura de la planta y de la mazorca, madurez, acame, cubrimiento de mazorca, color y textura del grano, estabilidad del rendimiento y resistencia a enfermedades e insectos. En los siguientes análisis breves de los ensayos individuales se mencionan algunos de estos factores.

EVT 12A—En este ensayo se sometieron a prueba las EVs de poblaciones tropicales, tardías, blancas y dentadas. El rendimiento medio en las 38 localidades de la prueba (cuadro 129-V-84) indicó el comportamiento superior de las EVs creadas a partir de la Población 43 (La Posta). Empero, dichas EVs fueron más altas que las demás incluidas en el ensayo. En general, las variedades más recientes de la Población 29 (Tuxpeño Caribe) dieron rendimientos medios superiores a los de la entrada de referencia Across 7729RE.

EVT 12B—En el cuadro 134 V-84 se presentan los datos del comportamiento de las EVs creadas a partir del IPTT de 1982 de la Población 22 (Mezcla Tropical Blanca). La EVs florecieron antes y dieron rendimientos mucho mayores que el testigo de referencia Across 7622RE.

EVT 13—Las EVs que se sometieron a prueba en este ensayo se crearon a partir de las poblaciones 24, 27 y 36, que son materiales tropicales, con madurez precoz o intermedia y grano amarillo cristalino (o dentado). Se observaron pequeñas diferencias entre las variedades en cuanto a los días a floración y al rendimiento de grano. Todas las EVs nuevas derivadas de la Población 27 presentaron un comportamiento superior al de la entrada de referencia Across 7627RE (cuadro 157-V-84).

EVT 14A—El cuadro 179-V-84 proporciona información sobre el rendimiento de las EVs derivadas de las Poblaciones 26 (Mezcla Amarilla) y 35 (Antigua-República Dominicana), incluyendo cifras de diferentes regiones que presentamos como promedios de más de 43 localidades. Las variedades de la Población 26 fueron más altas y dieron mayores rendimientos que las de la Población 35. Las nuevas EVs de la Población 35 se comportaron de manera semejante a la entrada de referencia Across 7635RE en cuanto a los días a floración y a la altura de las plantas, pero tuvieron rendimientos mayores.

EVT 14B—Este ensayo se compuso de EVs de las Poblaciones 23, 30, 32 y 49, que son materiales tropicales, con madurez precoz a intermedia y de grano blanco. Las EVs de la Población 30 (Blanco Cristalino-2) fueron mucho más precoces y cortas que las de las otras poblaciones. La Ikenne (1) 8149, aunque de madurez intermedia y baja altura de planta, fue una de las tres que dieron rendimientos más altos. Las que proporcionaron los mejores rendimientos, Ferko (1) 8223 y los Baños (1) 8232, presentaron un comportamiento semejante en cuanto a la altura de las plantas y los días a floración (cuadro 189-V-84).

EVT 16A—Las EVs sometidas a prueba en este ensayo se crearon de las Poblaciones 33, 45 y 48, que son materiales subtropicales de grano amarillo y madurez precoz o intermedia. Según el rendimiento de las EVs derivadas de ellas, del más alto al más bajo, las poblaciones se pueden clasificar de la siguiente manera: 45 (Amarillo Bajío), 33 (Amarillo Subtropical) y 48 (Compuesto de Hungary). Las poblaciones se pueden clasificar en el mismo orden (una vez más del más alto al más bajo) en cuanto a los días a floración y la altura de las plantas de las variedades derivadas de ellas. (Cuadro 207-V-84)

EVT 16B—En el cuadro 214-V-84 se presentan los rendimientos medios obtenidos en 14 localidades con las EVs creadas de las Poblaciones subtropicales de grano blanco 34, 44 y 47. La Tlaltizapán 8244 fue sin duda la que dio el mayor rendimiento en el ensayo. Entre las nuevas EVs creadas a partir de la Población 34 (Blanco Subtropical), la Across 8134 fue la de mayor rendimiento.

ELVT 18A—En este ensayo se compararon los rendimientos y las características agronómicas de variedades tropicales de madurez tardía, seleccionadas sobre la base de su comportamiento durante el año anterior en los EVTs 12 y 13. La Ilonga 8043, Ferke (1) 8128 y los Baños 8027 fueron las variedades elite derivadas de las Poblaciones 43, 28 y 27, respectivamente, que dieron los rendimientos más altos (cuadro 83-EV-84). La Poza Rica 8129, Poza Rica 8121 y Poza Rica 8136 fueron las tres mejores de las Poblaciones 29, 21 y 36. En general, las variedades elite que participaron en este ensayo presentaron una madurez semejante (medida por los días a floración). En más de 50 localidades se observaron pequeñas diferencias entre las entradas de la prueba en cuanto al rendimiento de grano.

ELVT 18B—Las EVs elite de las Poblaciones 26, 30, 31, 32, 35 y 49 constituyeron las entradas para este ensayo de maíz con madurez precoz a intermedia y adaptación subtropical. En el cuadro 101-EV-84 se presentan los datos correspondientes al comportamiento de tales variedades en más de 49 localidades. Las variedades elite de madurez intermedia, derivadas de las Poblaciones 26, 32 y 49 dieron rendimientos más altos que las derivadas de las Poblaciones 30 y 31. La Rattray Arnold (1) 8149 fue la que tuvo el rendimiento más alto de todo el ensayo. La Suwan (1) 8131 y CIAT 8130 fueron las variedades elite de mayor rendimiento, derivadas de las Poblaciones 31 y 30, respectivamente.

Figure A. Steps in population improvement and experimental variety development, evaluation, and use.

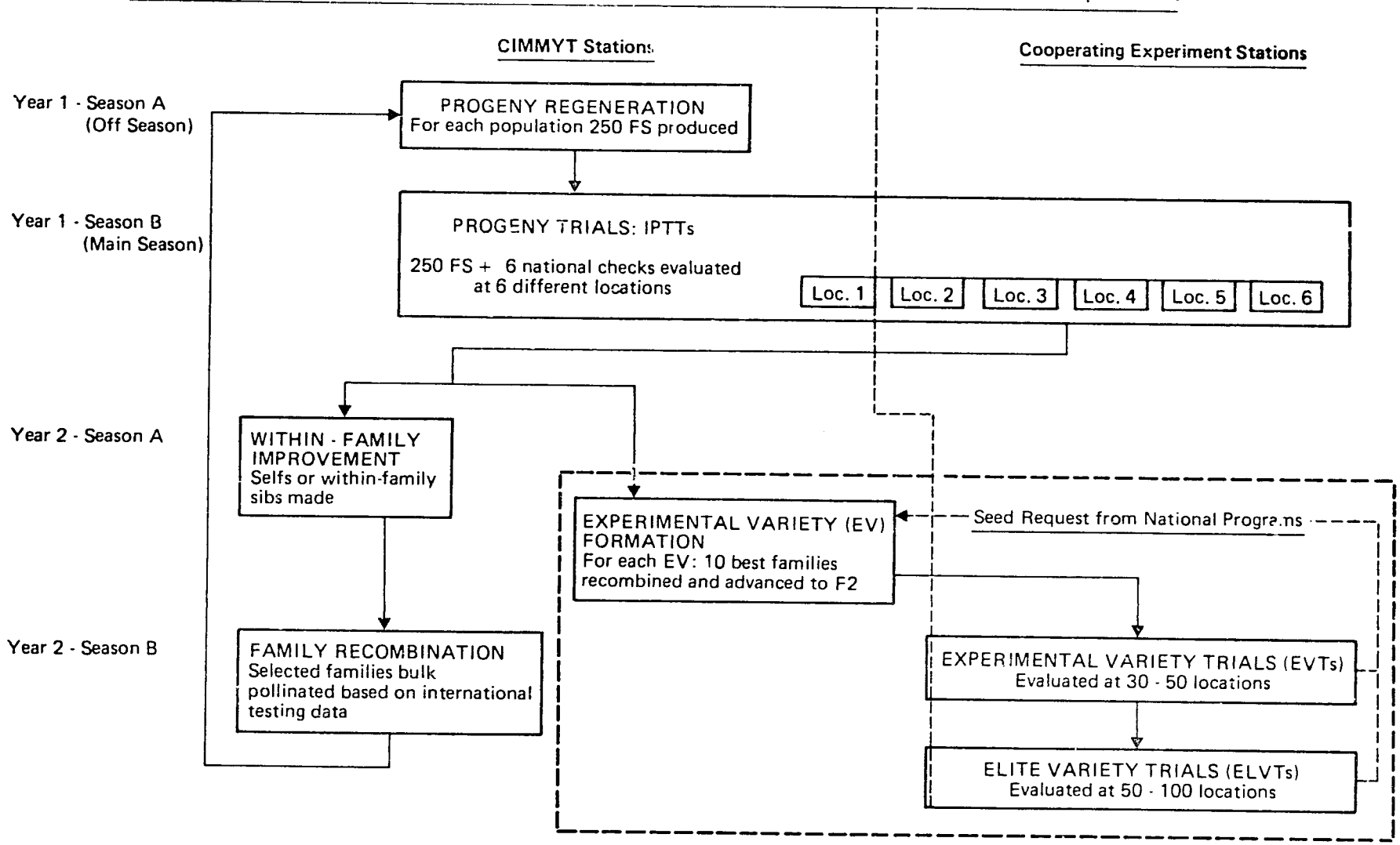


Figura A. Pasos del mejoramiento de poblaciones y la creación, evaluación y empleo de variedades experimentales.

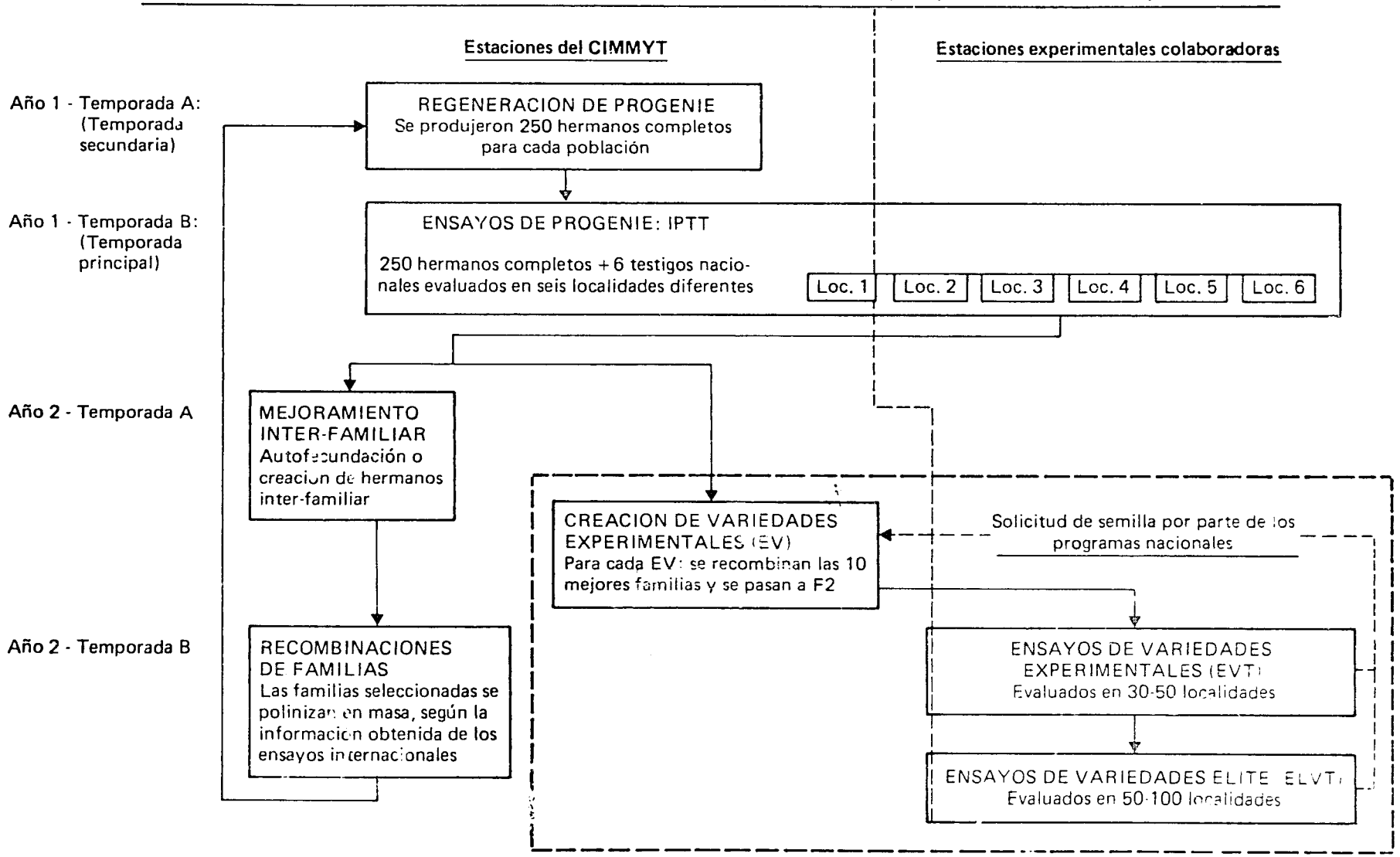
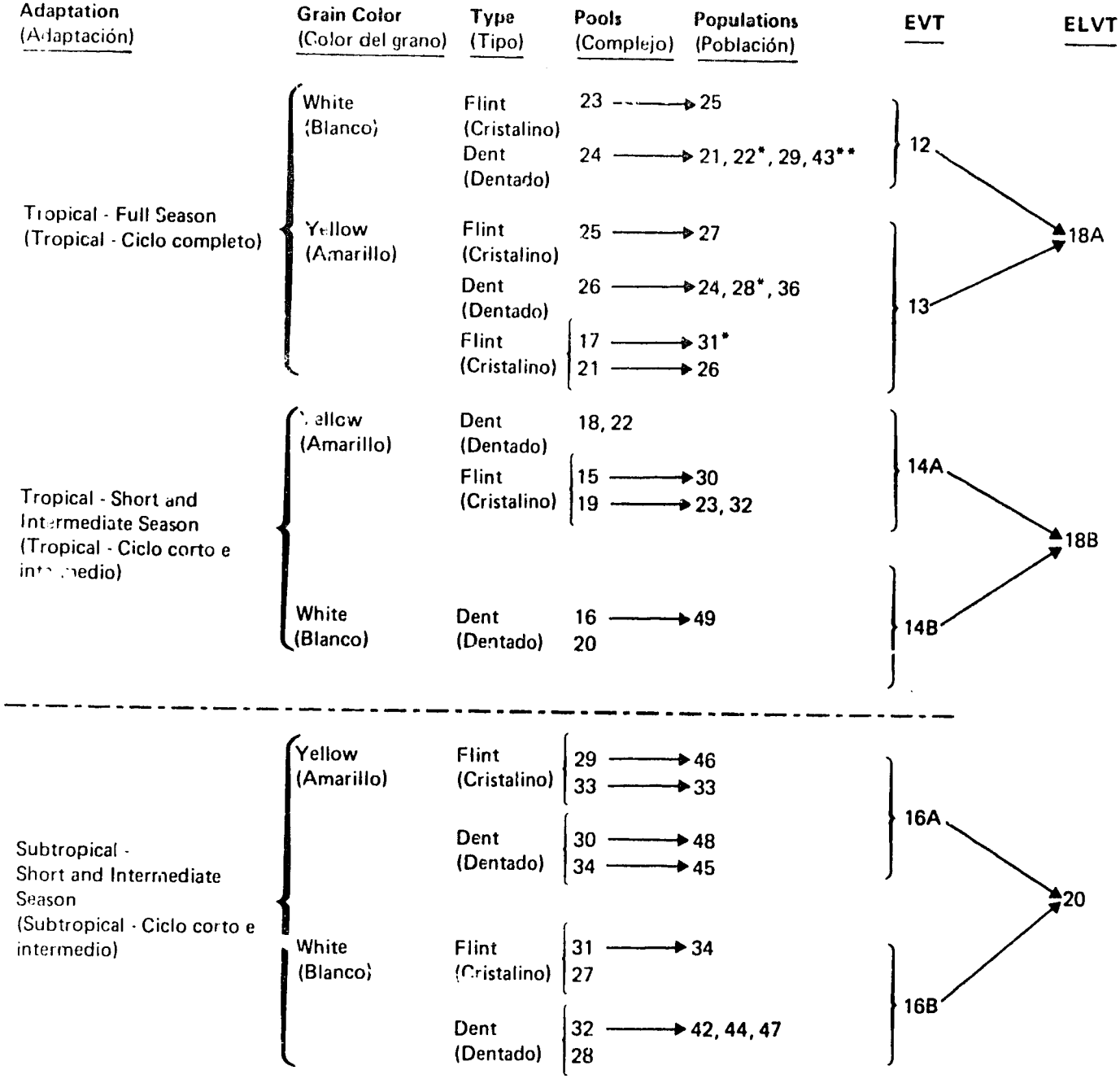


Figure B. Relationship between gene pools, populations, and variety trials in CIMMYT's normal maize improvement program.
Figura B. Relación entre complejos germoplásmicos, poblaciones y ensayos de variedad en el programa de mejoramiento de maíz normal del CIMMYT.



* At Farm Suwan (Thailand) for improvement of downy mildew resistance.
** At IITA for improvement of streak resistance.

* En Farm Suwam (Tailandia) para mejorar la resistencia al mildiú velloso.
** En IITA para mejorar la resistencia al rayado.

Figure C. Relationship between gene pools, populations, and variety trials in CIMMYT's quality protein maize improvement program.

Figura C. Relación entre complejos germoplásmicos, poblaciones y ensayos de variedad en el programa de mejoramiento de maíz con calidad de proteína del CIMMYT.

Adaptation (Adaptación)	Grain color (Color del grano)	Type (Tipo)	Pool (Complejo)	Population (Población)	EVT	ELVT
Tropical - Short season (Tropical - Ciclo corto)	White (Blanco)	Flint (Cristalino)	15 QPM		15A	19
	Yellow (Amarillo)	Flint (Cristalino)	17 QPM →	61 QPM		
		Dent (Dentado)	18 QPM			
Tropical - Full season (Tropical - Ciclo completo)	White (Blanco)	Flint (Cristalino)	23 QPM →	62 QPM		
		Dent (Dentado)	24 QPM →	63 QPM, 64 QPM		
	Yellow (Amarillo)	Flint (Cristalino)	25 QPM →	65 QPM		
		Dent (Dentado)	26 QPM →	66 QPM		
Subtropical - Short season (Subtropical - Ciclo corto)	White (Blanco)	Flint (Cristalino)	27 QPM		15B	
	Yellow (Amarillo)	Flint (Cristalino)	29 QPM			
Subtropical - Intermediate season (Subtropical - Ciclo intermedio)	White (Amarillo)	Flint (Cristalino)	31 QPM →	67 QPM		
		Dent (Dentado)	32 QPM →	68 QPM		
	Yellow (Amarillo)	Flint (Cristalino)	33 QPM →	69 QPM		
		Dent (Dentado)	34 QPM →	70 QPM		

Figure D. Histogram of mean yields of 1984 International Progeny Trials.
Figura D. Histograma de los IPTTs, 1984.

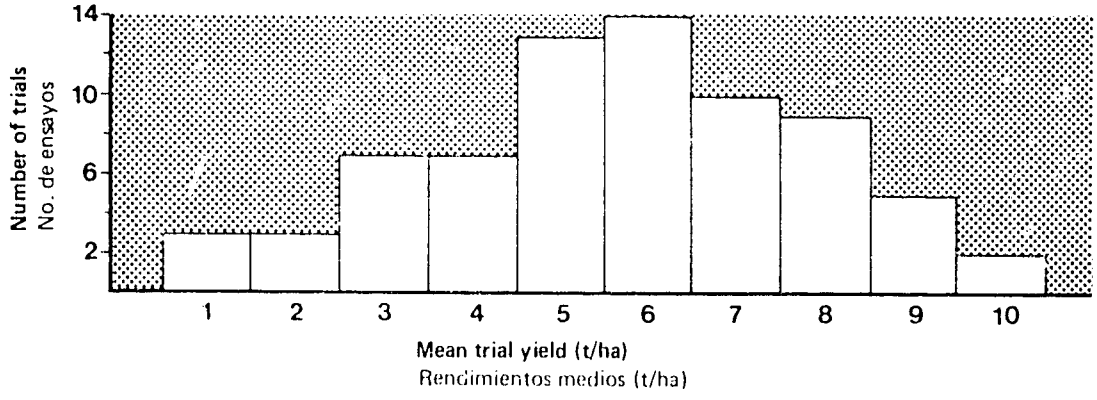


Figure E. Histogram of three yield classes for the nine Experimental Variety Trials and Elite Variety Trials grown in 1984.
Figura E. Histograma de tres niveles de rendimiento de nueve EVTs y ELVTs, 1984.

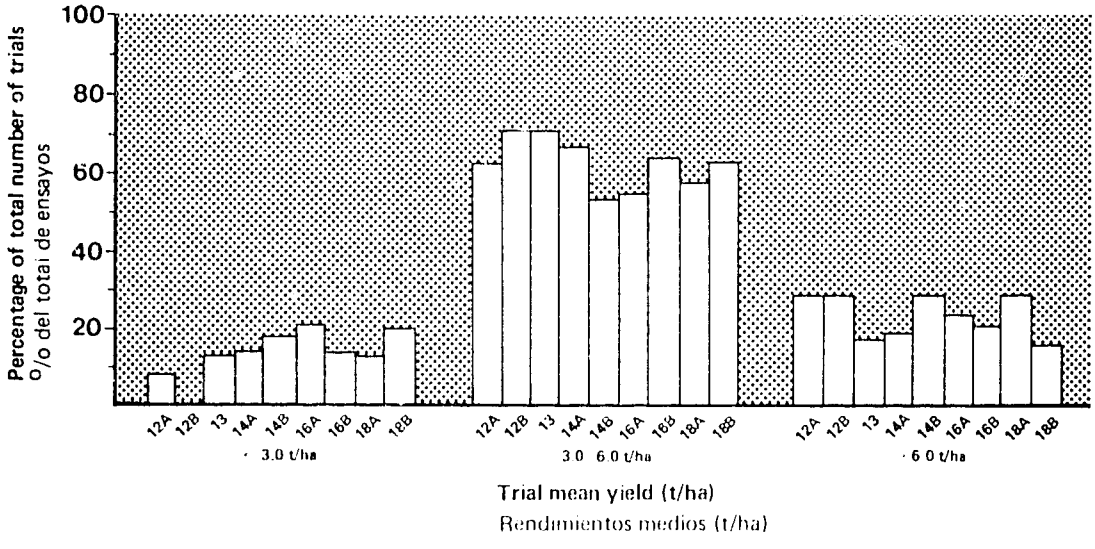


Figure F. Histogram for three classes of coefficients of variation for the nine Experimental Variety Trials and Elite Variety Trials grown in 1984.
Figura F. Histograma de tres tipos de coeficientes de variación para los nueve EVT y ELVT, 1984.

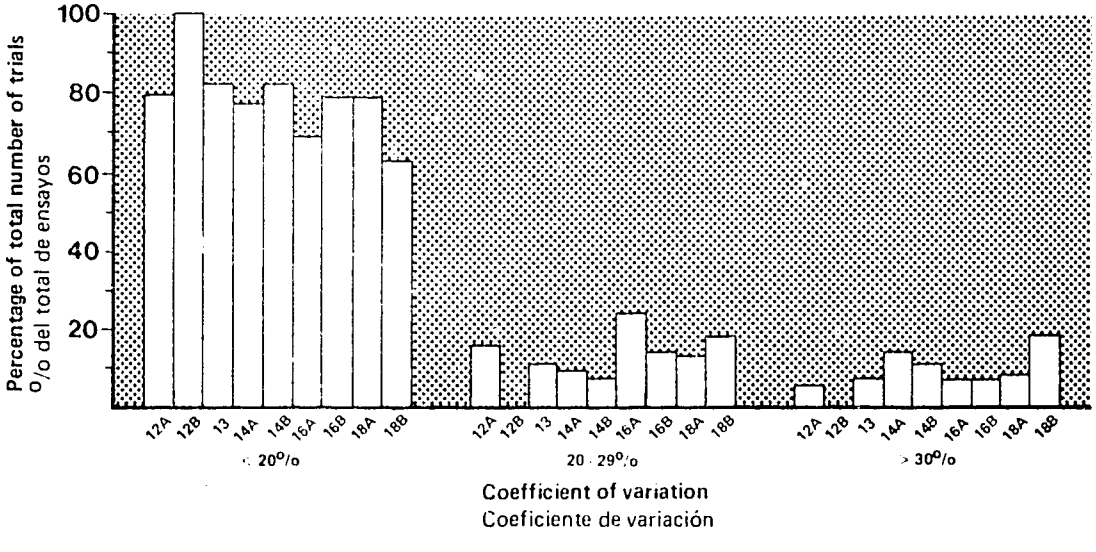


Table A. Locations of the International Progeny Testing Trials (IPTTs) in 1984
Cuadro A. Localidades de los Ensayos Internacionales de Progenies (IPTTs) de 1984

	Number of trials sent (No. de ensayos enviados)															
	IPTT 22	IPTT 24	IPTT 25	IPTT 27	IPTT 32	IPTT 33	IPTT 43	IPTT 44	IPTT 45	IPTT 47	IPTT 48	IPTT 64	IPTT 66	IPTT 68	IPTT 70	Total
Country (País)																
South America	2	1	2	1	2	1	1	0	2	0	0	1	3	2	3	21
Argentina															1	1
Bolivia					1								1	1	1	4
Brazil									1				1	1	1	4
Colombia	1		1		1							1				4
Ecuador													1			1
Peru		1		1		1			1							4
Venezuela	1		1				1									3
Central and North America and Caribbean	0	4	2	2	1	2	0	2	1	2	2	2	3	1	1	25
El Salvador													1			1
Guatemala												1	1			2
Honduras						1										1
Mexico		1	1	1	1	1		2	1	2	1	1		1	1	14
Nicaragua			1													1
Panama		1		1									1			3
U.S.A.		1									1					2
Dominican Republic		1														1
North Africa and Near East	0	0	0	0	0	0	0	1	2	0	2	0	0	0	0	5
Egypt								1	1							2
Syria											1					1
Turkey									1		1					2
West Africa	1	1	0	1	1	1	2	0	0	0	0	1	0	1	1	10
Cameroon							1									1
Ivory Coast				1												1
Ghana												1				1
Burkina Faso	1					1									1	3
Nigeria							1									1
Senegal		1			1									1		3
Eastern and Southern Africa	2	0	0	0	1	0	3	1	0	0	0	1	0	0	0	8
Kenya					1							1				2
Malawi								1								1
Reunion							1									1
Zaire	1															1
Zambia							1									1
Zimbabwe	1						1									2
Asia	1	0	2	3	1	2	0	1	1	1	2	1	1	1	1	18
India				1		1		1	1	1	1		1	1	1	9
Nepal					1											1
Pakistan			1			1					1					3
Indonesia				1												1
Thailand	1		1									1				3
Philippines			1													1
Total	6	6	6	7	6	6	6	5	6	3	6	6	7	5	6	87

Table B. Locations of the International Experimental Variety Trials (EVTs) and Elite Variety Trials (ELVTs) in 1984
Cuadro B. Localidades de los Ensayos Internacionales de Variedades Experimentales y Ensayos de Variedades Elite de 1984

	Number of trials sent (No. de ensayos enviados)									
	EVT 12A	EVT 12B	EVT 13	EVT 14A	EVT 14B	EVT 16A	EVT 16B	ELVT 18A	ELVT 18B	Total
Country (País)										
South America	**10**	**1**	**29**	**16**	**2**	**24**	**5**	**17**	**7**	**111**
Argentina			3	2		4	1			10
Bolivia	1		7	1	1	2	1	1	1	15
Brazil			7	7		10	3	7		34
Chile						1				1
Colombia	1		2							3
Paraguay			2	2		2			2	8
Peru			4	4		4		4	2	18
Uruguay						1				1
Venezuela	8	1	4		1			5	2	21
Central and North America	**28**	**14**	**19**	**15**	**17**	**8**	**17**	**27**	**18**	**163**
Costa Rica	2		1		1	1		4	2	11
El Salvador	3		2					2		7
Guatemala	2	2	2	2	3			2	2	15
Honduras	4		1		1			3	2	11
Mexico	7	6	5	3	5	7	15	7	2	57
Nicaragua	8	5	2	4	7		2	2	4	34
Panama			5	5				6	6	22
U.S.A	2	1	1	1				1		6
Caribbean			**4**	**5**	**2**				**3**	**14**
Jamaica			1						1	2
Dominican Republic			3	3						6
West Indies				2	2				2	6
Europe				**2**		**5**				**7**
France				2		2				4
Greece						2				2
Spain						1				1
North Africa and Near East				**2**		**8**	**4**	**2**	**6**	**22**
Egypt						2	2			4
Iraq						1	1			2
Morocco						2	1		4	7
Syria										
Turkey						2				2
Yemen				2		1		2	2	7
West Africa	**21**	**2**	**12**	**16**	**17**	**4**	**2**	**18**	**19**	**111**
Cameroon	3				2					5
Cape Verde				2	2				1	5
Central African Republic								1	1	2
Ivory Coast				3				3		6
Gabon				1	1				1	3
Gambia									2	2
Ghana	2				1					3
Guinea	1		2	1	1			1	1	7
Guinea Bissau	2							2		4
Burkina Faso	1			1		2		2	3	9
Liberia								1	1	2
Mali								4	4	8
Nigeria	1		1					1	1	4

Table B. (continued)
Cuadro B. (continúa)

	Number of trials sent (No. de ensayos enviados)									
	EVT 12A	**EVT 12B**	**EVT 13**	**EVT 14A**	**EVT 14B**	**EVT 16A**	**EVT 16B**	**ELVT 18A**	**ELVT 18B**	**Total**
Country (País);										
Senegal	5	2	5	4	4					20
Sierra Leone	2		2	2	2	2	2	2	2	16
Togo	4		2	2	4			1	2	15
Eastern and Southern Africa	**20**	**4**	**2**	**8**	**24**	**2**	**12**	**18**	**23**	**113**
Angola	1						1			2
Ethiopia	1			1		1	2	1		6
Kenya	3	3			5					11
Malawi				3	3			6	6	18
Mozambique							1		1	2
Republic of South Africa								1	1	2
Reunion								3	6	9
Rwanda							1			1
Somalia	2				2				2	6
Sudan	5		1	1	3	1	1	1	1	14
Swaziland	1				1		2	1	1	6
Uganda	1		1	1	1			1	1	6
Zaire	3			2	5			3	4	17
Zambia	1	1			2		2			6
Zimbabwe	2				2		2	1		7
Indian Subcontinent			**2**		**6**	**9**	**9**	**4**	**2**	**32**
Bangladesh						5	5	[illegible]	2	14
Pakistan					6	4	4			14
Sri Lanka			2					2		4
Asia	**9**	**9**	**17**	**13**	**6**	**7**	**2**	**12**	**12**	**87**
Indonesia			2	2	1			3	3	11
Korea						1				1
Malaysia								1	1	2
Taiwan	2	2	2	2	2	2	2	2	2	18
Thailand	7	7	6	2	3	2		2	2	31
Vietnam			7	7		2		4	4	24
Pacific	**7**	**4**	**7**	**5**	**7**	**4**	**4**	**4**	**5**	**47**
Philippines	7	4	7	5	7	4	4	4	5	47
Total	**95**	**34**	**92**	**82**	**81**	**71**	**54**	**103**	**95**	**707**

Table C. Summary of trial distribution and data collection, by region, for the 1984 Preliminary and Final Reports of the International Maize Testing Program

Cuadro C. Resumen de la distribución de los ensayos y la recolección de datos por regiones en los Informes Preliminar y Final del Programa de Ensayos Internacionales de Maíz, 1984.

Region (Región)	No. of trials sent (No. de ensayos recibidos)	No. of trials received and reported on (No. de ensayos recibidos y registrados)			
		Preliminary (Preliminares)	Final (Finales)	Total (Total)	% of total (% del total)
Pacific	48	8	0	8	16.7
South America	132	17	89	106	80.3
Central and North America	187	117	27	143	76.5
Caribbean	15	1	10	11	73.3
Europe	7	3	0	3	42.9
North Africa and Middle East	27	13	7	20	74.1
West Africa	121	56	13	70	57.9
Eastern and southern Africa	121	0	26	26	21.5
Indian subcontinent	45	20	13	33	73.3
Asia	91	19	18	37	40.7
Total	794	254	203	457	57.6

Table D. Distribution of coefficients of variation (CV) and relative efficiencies (RE) of the lattice design for grain yield of 1984 International Progeny Testing Trials

Cuadro D. Distribución de coeficiente de variación (CV) y eficiencia relativa (RE) del diseño de látice para rendimiento de grano, 1984.

RE (%)	Number of trials having CVs(%) within a certain range (No. de ensayos con CVs (%) dentro de ciertos límites)							
	6 - 10	11 - 15	16 - 20	21 - 25	26 - 30	31 - 35	Over 35	
<100	1	1	2	–	–	–	–	4
100 - 115	5	14	9	8	3	1	2	42
116 - 125	2	4	3	4	1	1	–	15
126 - 150	–	1	2	2	–	–	4	9
151 - 175	–	–	1	1	–	–	–	2
Total	8	20	17	15	4	2	6	72

Table E. Comparison of the best experimental variety (EV) with the best local check for all Experimental and Elite Variety Trials

Cuadro E. Comparación de las mejores variedades experimentales (EV) con el mejor testigo local para todos los EVT y ELVT, 1984.

Trial (Ensayo)	**No. of trials received** (No. ensayos recibidos)	**EV yielded less than check** (EV rindió menos que testigo)		**EV yielded more than check** (EV rindió más que testigo)	
		No. of trials (No. de ensayos)	**%of total** (%del total)	**No. of trials** (No. de ensayos)	**%of total** (%del total)
12A	38	6	15.8	32	84.2
12B	7	0	0.0	7	100.0
13	48	15	31.1	33	68.8
14A	43	22	51.2	21	48.8
14B	28	5	17.9	23	82.1
16A	29	14	48.3	15	51.7
16B	14	6	42.9	8	57.1
18A	50	14	28.0	36	72.0
18B	49	13	26.5	36	73.5

Description of Populations
(Descripción de Poblaciones)

Number and Name (Número y 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 Mexico and San Geronimo of Peru. The population is early maturing, has large white floury seeds and is adapted to tropical highland maize growing areas. It is being improved for wide adaptation by shuttle breeding between Mexico 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 dominante del germoplasma en esta población es Cacahuacintle de México y San Geronimo 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-sibs 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 Mexico 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 Mexico 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 Mexico 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 Mexico 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 amplia, con grano semi-cristalino, altura intermedia y madurez tardía. Los niveles de proteína total y triptofano y lisina en 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% y 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, madurez tardía, tiene una altura intermedia. Contiene 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 que es 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.

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.

Las características, según se dan en los cuadros, están entre paréntesis.

(1)	Yield (kg/ha):	In kilograms per hectare corrected to 15% moisture when grain moisture is reported. A shelling percentage of 80% is assumed when yield is reported as ear weight.
	Rendimiento:	En kilos por hectárea a 15% de humedad cuando se informa del contenido de humedad y un porcentaje de 80% 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% of plants have silks. Data rounded to whole numbers.
	Días a floración:	El número de días en que el 50% 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.

*** For additional information on collection of trial data, refer to *Managing Trials and Reporting Data for CIMMYT's International Maize Testing Program*, a booklet available from the Center's headquarters in Mexico.**

Para mayor información sobre la recolección de los datos de ensayos, ver *Manejo de Ensayos e Informe de Datos para el Programa de Ensayos Internacionales de Maíz del CIMMYT*, un folleto que se puede conseguir en la sede del Centro en México.

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 polycora	(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.

Tables Summarizing Final 1984 Results
International Progeny Testing Trials (IPTTs)
(Resumen de los resultados finales
de los Ensayos Internacionales de Prueba de Progenie (IPTT), 1984)

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	Across locations (En todas las locs.)	98-P-84	78

TABLE: 53-P-84 POPULATION: MEZCLA TROP BLANCA TRIAL: IPTT 22

LOCATION : PALMIRA COLOMBIA EXP. VARIETY: PALMIRA 8422

ICO-OPERATOR:ING. JOSE EVER VARGAS, ICA-CNIA, PALMIRA.

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	LEAF DIS.	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT
81	8302	6	67	213	114	4.8	9.0	2.0	21.0	2.5	2.0	1.2
112	8312	5	66	208	103	2.8	7.9	2.0	19.0	2.5	2.5	1.0
136	8218	7	67	212	93	0.0	10.4	1.5	20.5	2.5	2.5	1.2
144	7581	18	66	204	114	0.0	18.1	2.0	21.5	3.5	2.5	1.0
166	7605	16	66	224	104	0.0	13.8	3.0	18.5	3.0	2.5	1.1
177	7649	12	67	221	111	0.0	13.8	2.0	22.0	3.5	2.5	1.0
194	9227	1	69	223	114	0.0	13.5	2.0	20.0	3.0	2.0	1.3
201	7714	11	65	214	104	0.0	10.1	2.0	21.5	4.0	2.0	1.2
249	7547	20	63	217	110	2.5	10.2	2.0	20.5	3.0	2.0	1.2
SEL MEAN	8017	-	67	215	107	1.1	11.9	2.1	20.5	3.1	2.3	1.1
POP MEAN	6227	-	66	213	108	5.6	12.2	2.1	18.7	3.5	2.7	1.1
POP RANGE	9227-	-	70-	250-	135-	76.9-	37.1-	3.5-	23.0-	4.5-	4.0-	3.6-
	3673	-	64	171	80	0.0	1.3	1.0	10.0	2.0	1.5	0.9
CHECK MEAN	5567	-	67	219	116	14.4	11.3	2.0	13.9	3.3	2.8	1.3
BEST CHECK	6037	-	69	236	139	0.0	7.8	2.0	18.5	2.5	2.0	1.2
C.V.	17.3		6.6	6.3	10.5							
5% LSD	2122.8		3.6	26.3	22.3							

BEST CHECK:ICA-H260 OTHER CHECKS:ICA-H211, MTB-DIV. POB-H, MB 237, MB 237 SIN S1, MB 237 SIN

TABLE: 54-P-84 POPULATION: MEZCLA TROP BLANCA TRIAL: IPTT 22

LOCATION : GUAYABAL ARAGUA VENEZUELA EXP. VARIETY: GUAYABAL 8422

9CO-OPERATOR:OSCAR DE CORDOVA

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.
7	7939	9	61	179	90	5.0	0.0	0.0	2.5	3.0	19.5	3.0	2.3
13	8001	7	60	204	94	0.0	5.0	0.0	4.0	3.5	21.0	3.0	4.7
55	8924	1	60	189	91	0.0	0.0	0.0	2.5	4.0	20.5	3.0	7.1
72	8058	5	62	186	99	0.0	0.0	0.0	3.0	4.5	21.0	3.0	7.0
77	7922	10	59	190	82	4.8	5.0	0.0	3.0	3.5	20.5	2.0	2.3
92	8679	2	60	196	86	0.0	0.0	0.0	3.0	3.0	22.0	3.5	8.2
98	7966	8	60	195	91	0.0	0.0	2.0	3.0	2.5	22.0	3.0	10.3
142	8054	6	60	185	98	4.8	0.0	9.2	3.5	3.0	21.5	3.5	4.5
166	7885	11	60	190	94	0.0	0.0	2.3	4.0	3.0	20.5	3.0	9.1
172	8092	4	62	201	94	4.9	0.0	2.2	3.0	4.0	20.5	4.0	6.7
SEL MEAN	8152	-	60	192	92	2.0	1.0	1.6	3.2	3.4	20.9	3.1	6.2
POP MEAN	6226	-	61	190	94	1.9	1.5	3.6	3.3	3.3	19.3	2.5	11.9
POP RANGE	8924-	-	66-	234-	120-	17.5-	25.9-	48.0-	4.0-	4.5-	23.0-	4.0-	64.5-
	3305	-	55	157	65	0.0	0.0	0.0	2.0	2.0	12.0	1.5	0.0
CHECK MEAN	4914	-	63	211	115	1.5	1.0	1.5	3.7	3.0	15.4	2.2	2.7
BEST CHECK	5565	-	64	211	111	0.0	0.0	4.2	3.5	4.0	17.0	2.0	6.9
C.V.	9.9		1.2	3.8	5.8								
5% LSD	1209.4		1.4	14.2	10.5								

BEST CHECK:CENIAP PB-2 OTHER CHECKS:CENIAP 69, OBREGON, CENIAP-DMR, ARICHUNA, FM6

TABLE: 55-P-84 POPULATION: MEZCLA TROP BLANCA TRIAL: IPTT 22

LOCATION : GWEBI ZIMBABWE EXP. VARIETY: GWEBI (1) 8422

5CO-OPERATOR:R.C. OLVER

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT
32	8449	6	79	250	130	2.3	4.5	17.8	2.0	2.5	22.0	1.5	3.0
9	8636	4	82	275	155	18.2	0.0	4.3	2.5	2.5	22.0	1.0	3.0
52	7913	8	77	243	128	0.0	0.0	11.2	1.5	1.5	22.0	1.0	3.0
250	7939	7	77	238	140	4.5	0.0	1.9	2.0	1.0	22.0	1.5	3.0
79	7505	13	77	240	140	9.1	0.0	7.0	1.5	2.5	21.0	1.0	3.5
211	7856	9	77	275	148	0.0	4.5	18.9	1.0	1.5	21.0	1.5	2.0
135	7645	10	77	243	143	2.3	0.0	8.7	1.5	1.5	22.0	1.0	3.0
72	7545	12	77	255	155	6.8	2.3	13.3	1.0	3.0	22.0	1.5	3.0
10	7639	11	77	248	140	0.0	0.0	11.2	2.0	2.5	21.0	1.0	2.5
22	7222	18	77	250	133	0.0	0.0	7.3	1.0	3.0	20.5	1.0	3.0
117	7395	15	77	253	140	2.3	4.5	10.3	1.0	2.0	22.0	1.0	3.5
228	7354	16	77	268	153	12.4	2.6	4.8	2.0	1.5	20.5	1.5	3.5
SEL MEAN	7758	-	78	253	142	4.8	1.5	9.7	1.6	2.1	21.5	1.2	3.0
POP MEAN	5550	-	77	247	140	15.6	1.2	13.0	1.4	2.5	20.0	1.3	3.5
POP RANGE	8636-	-	82-	280-	188-	67.2-	18.7-	40.1-	2.5-	4.5-	22.0-	2.0-	5.0-
	1924	-	75	210	100	0.0	0.0	0.0	1.0	1.0	13.0	1.0	1.5
CHECK MEAN	8978	-	73	265	148	13.4	1.9	15.8	1.5	1.1	20.0	1.3	2.6
BEST CHECK	11835	-	72	290	170	0.0	0.0	12.5	1.5	1.0	21.0	1.0	2.5
C.V.	13.5		1.2	4.7	8.2								
5% LSD	1477.1		1.8	23.1	22.5								

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

TABLE: 56-P-84 POPULATION: MEZCLA TROP BLANCA TRIAL: IPTT 22

LOCATION : GWEBI ZIMBABWE EXP. VARIETY: GWEBI 8422

SCO-OPERATOR:R.C. OLVER

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT
10	7639	11	77	248	140	0.0	0.0	11.2	2.0	2.5	21.0	1.0	2.5
22	7222	18	77	250	133	0.0	0.0	7.3	1.0	3.0	20.5	1.0	3.0
32	8449	6	79	250	130	2.3	4.5	17.8	2.0	2.5	22.0	1.5	3.0
52	7913	8	77	243	128	0.0	0.0	11.2	1.5	1.5	22.0	1.0	3.0
72	7545	12	77	255	155	6.8	2.3	13.3	1.0	3.0	22.0	1.5	3.0
79	7505	13	77	240	140	9.1	0.0	7.0	1.5	2.5	21.0	1.0	3.5
117	7395	15	77	253	140	2.3	4.5	10.3	1.0	2.0	22.0	1.0	3.5
135	7645	10	77	243	143	2.3	0.0	8.7	1.5	1.5	22.0	1.0	3.0
250	7939	7	77	238	140	4.5	0.0	1.9	2.0	1.0	22.0	1.5	3.0
SEL MEAN	7695	-	77	246	139	3.0	1.3	9.9	1.5	2.2	21.6	1.2	3.1
POP MEAN	5550	-	77	247	140	15.6	1.2	13.0	1.4	2.5	20.0	1.3	3.5
POP RANGE	8636-	-	82-	280-	188-	67.2-	18.7-	40.1-	2.5-	4.5-	22.0-	2.0-	5.0-
	1924	-	75	210	100	0.0	0.0	0.0	1.0	1.0	13.0	1.0	1.5
CHECK MEAN	8978	-	73	265	148	13.4	1.9	15.8	1.5	1.1	20.0	1.3	2.6
BEST CHECK	11835	-	72	290	170	0.0	0.0	12.5	1.5	1.0	21.0	1.0	2.5
C.V.	13.5		1.2	4.7	8.2								
5% LSD	1477.1		1.8	23.1	22.5								

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

TABLE: 57-P-84 POPULATION: MEZCLA TROP BLANCA TRIAL: IPTT 22

LOCATION : SUWAN THAILAND EXP. VARIETY: SUWAN 8422

ICO-OPERATOR:DR. CHAMNAN CHUTKAEW

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT
7	8576	3	53	195	100	4.7	14.0	0.0	2.0	2.0	21.5	2.0	2.5
13	8424	5	54	190	93	2.3	9.1	0.0	3.0	2.5	22.0	2.5	2.5
56	8977	1	54	208	93	30.7	14.0	0.0	2.5	2.0	21.5	1.5	2.5
58	8115	20	54	195	100	2.3	14.3	0.0	2.0	2.5	21.0	2.0	2.0
80	8250	13	54	190	95	4.5	11.4	2.2	2.5	3.0	22.0	2.0	2.5
136	8025	23	55	208	98	20.5	9.1	0.0	2.5	2.0	22.0	2.5	2.5
154	8011	24	55	173	90	6.8	9.1	0.0	2.0	2.5	22.0	2.5	2.0
173	8249	14	55	210	95	9.5	14.3	2.3	2.0	2.0	21.0	2.0	3.0
242	8393	7	56	190	100	52.3	13.6	4.6	2.5	2.5	22.0	2.5	2.5
249	8559	4	54	208	105	25.0	11.4	2.3	2.0	3.0	22.0	1.5	2.0
SEL MEAN	8358	-	54	197	96	15.9	12.0	1.1	2.3	2.4	21.7	2.1	2.4
POP MEAN	6818	-	54	193	97	19.2	12.4	2.4	2.6	2.6	21.0	2.7	2.6
POP RANGE	8977-	-	58-	240-	138-	64.0-	18.3-	21.4-	4.0-	4.0-	22.0-	4.0-	4.0-
	4332	-	52	150	68	0.0	9.1	0.0	2.0	2.0	14.5	1.5	2.0
CHECK MEAN	5913	-	53	204	102	25.4	12.8	3.9	3.5	2.7	19.9	3.3	3.3
BEST CHECK	6699	-	53	223	102	11.4	12.1	0.0	3.0	3.0	20.5	3.0	3.0
C.V.	12.0		1.9	7.4	12.0								
5% LSD	1607.9		2.1	28.4	23.0								

BEST CHECK:CARIPENO CMR (S)C5 OTHER CHECKS:THAI COMP.3 (S)C5, THAI COMP.3-4-F6, SUWAN 1 (S)C8-F3, SUWA

TABLE: 58-P-84 POPULATION: MEZCLA TROP BLANCA TRIAL: IPTT 22

YEAR: 1994 EXP. VARIETY: ACROSS 3422

COUNTRY-SITE CODES

113 9	- VENEZUELA	GUAYABAL ARAGUA
914 1	- THAILAND	SUWAN
105 1	- COLOMBIA	PALMIRA
726 5	- ZIMBABWE	GWEBI

PROG	KG/HA					DAYS TO SILK					PLANT HEIGHT				
	11309	91401	10501	72605	MEAN	11309	91401	10501	72605	MEAN	11309	91401	10501	72605	MEAN
7	7939	8576	5991	6375	7220	61	53	66	76	64	179	195	227	245	211
13	8001	8424	6996	6373	7449	60	54	65	80	65	204	190	228	243	216
25	7252	7963	7359	6258	7203	62	54	68	77	65	202	203	211	258	218
34	7389	8245	7081	6510	7306	60	54	68	77	65	205	203	216	255	220
55	8924	7656	7095	6300	7494	60	53	66	77	64	189	198	226	258	217
72	8058	8383	8517	7545	8126	62	54	66	77	65	186	208	216	255	216
81	7042	7934	8302	5905	7296	62	55	67	78	65	190	193	213	255	212
172	8092	7013	7040	6741	7222	62	55	67	78	65	201	185	216	245	212
173	7560	8248	7499	6911	7554	62	55	67	77	65	203	210	228	238	220
194	6539	7767	9227	6784	7579	63	56	69	77	66	200	200	223	263	222
SEL MEAN		7680	8021	7511	6568	7445	61	54	67	77	65	196	198	220	251	216
POP MEAN		6257	6840	6243	5467	6202	61	54	67	77	65	190	193	213	247	210
CHECK MEAN		4914	5913	5567	8978	6343	63	53	57	73	61	211	204	219	265	225
BEST CHECK		5565	6699	9037	11835	8284	64	53	68	72	64	211	223	236	290	240
CV		9.5	12.0	17.3	13.5	13.2									
LSD(5%)		1209	1608	2123	1477	1604									

TABLE: 59-P-84 POPULATION: ANT X VER 181 TRIAL: IPTT 24

LOCATION : PIURA PERU EXP. VARIETY: PIURA 8424

1CO-OPERATOR:M.NEVADO B, PCIM-UNA

PROG NO	KG/HA	RANK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EARS/ PLNT
19	8918	19	184	100	7.1	18.0	1.6
22	10790	2	192	101	7.7	18.5	1.4
35	9817	5	185	103	3.2	17.5	1.5
90	10008	4	200	104	2.8	21.0	1.0
97	9707	7	188	96	8.0	19.0	1.3
103	9410	12	207	113	3.4	17.5	1.3
192	9287	13	196	106	8.3	20.5	1.0
200	11511	1	196	102	6.0	20.0	1.2
213	8983	18	186	101	3.7	17.0	1.3
230	10296	3	214	122	6.8	21.5	1.0
SEL MEAN	9873	-	194	105	5.7	19.0	1.3
POP MEAN	7284	-	206	112	11.9	16.9	1.1
POP RANGE	11511-	-	235-	140-	41.5-	21.5-	1.7-
	3950	-	169	89	0.0	11.5	0.7
CHECK MEAN	4461	-	216	117	11.2	10.8	1.2
BEST CHECK	8162	-	220	116	12.0	20.0	1.3
C.V.	18.6		6.8	10.2		15.2	
5% LSD	2663.9		27.7	22.4		5.1	

BEST CHECK: PM-102 OTHER CHECKS: PM-701, PIURA 81-77, PIURA 81-3, PIURA 81-21, PIURA 81-8

TABLE: 60-P-84 POPULATION: ANT X VER 181 TRIAL: IPTT 84

LOCATION PIURA PERU EXP. VARIETY PIURA (1) 8424

ICO-OPERATOR M NEVADO B, PCIM-UNA

PROG NO	KG/HA	RANK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EARS/ PLNT
200	11511	1	196	102	6.0	20.0	1.2
90	10008	4	200	104	2.8	21.0	1.0
230	10296	3	214	122	6.8	21.5	1.0
170	9683	9	215	130	13.9	18.5	1.0
71	9710	6	207	101	13.5	19.5	1.1
103	9410	12	207	113	3.4	17.5	1.3
192	9287	13	196	106	8.3	20.5	1.0
117	8566	36	207	118	5.1	17.5	1.1
165	7837	79	204	107	3.8	17.0	0.9
228	8626	31	216	120	10.8	18.5	1.0
SEL MEAN	9493	-	206	112	7.4	19.1	1.1
POP MEAN	7284	-	206	112	11.9	16.9	1.1
POP RANGE	11511-	-	235-	140-	41.5-	21.5-	1.7-
	3950	-	169	89	0.0	11.5	0.7
CHECK MEAN	4461	-	216	117	11.2	10.8	1.2
BEST CHECK	8162	-	220	116	12.0	20.0	1.3
C.V	18.6		6.8	10.2		15.2	
5% LSD	2663.9		27.7	22.4		5.1	

BEST CHECK PM-102 OTHER CHECKS: PM-701, PIURA 81-77, PIURA 81-3, PIURA 81-21, PIURA 81-8

TABLE: 61-P-84 POPULATION: ANT X VER 181 TRIAL: IPTT 24

YEAR: 1984 EXP. VARIETY: ACROSS 8424

COUNTRY-SITE CODES

20710	- MEXICO	POZA RICA
209 2	- PANAMA	TOCUMEN
308 2	- DOM. REP	SAN CRISTOBAL
620 3	- SENEGAL	NIORO
110 1	- PERU	PIURA

PROG	KG/HA						DAYS TO SILK					PLANT HEIGHT					
	20710	20902	30802	62003	11001	MEAN	20710	20902	30802	62003	MEAN	20710	20902	30802	62003	11001	MEAN
45	6124	6452	3189	1154	8479	5088	60	55	60	60	59	233	239	220	128	201	204
75	6397	6948	4599	2679	8396	5804	61	57	59	61	59	200	245	195	126	196	192
78	8050	5704	4727	2019	7445	5589	58	55	58	62	58	209	246	200	116	210	196
103	7657	6217	4555	2592	9410	6086	61	54	61	63	59	230	266	232	108	207	208
108	7590	6383	4583	1977	7725	5652	59	55	58	58	57	223	236	200	132	209	200
115	8180	5932	4376	2258	8175	5784	59	56	60	57	58	241	250	212	138	198	208
128	8014	5772	4788	2051	8729	5871	58	54	59	55	56	230	236	221	141	197	205
133	7039	6342	4172	2909	7548	5602	60	54	58	56	57	207	243	200	133	205	198
167	7192	6086	4968	2095	6524	5373	59	54	58	58	57	200	227	195	122	210	191
204	7155	7512	3760	2795	8057	5856	62	58	62	63	61	215	244	195	133	219	201
SEL MEAN		7340	6339	4372	2253	8049	5670	60	55	59	59	58	219	243	207	128	205	200
POP MEAN		6249	5418	4038	1992	7352	5010	60	56	60	56	58	212	241	203	130	206	198
CHECK MEAN		5965	4452	3214	1600	4461	3908	60	55	61	53	0	203	243	214	130	216	201
BEST CHECK		6946	5699	4316	2391	8162	5503	59	55	60	56	0	211	240	209	117	220	199
CV		15.6	14.6	25.9	39.6	18.6	22.9										
LSD(5%)		1922	1557	2047	1545	2664	1947										

TABLE: 62-P-84 POPULATION: BLANCO CRISTALINO-3 TRIAL: IPTT 25

LOCATION : POZA RICA MEXICO EXP. VARIETY POZA RICA 8425

OCO-OPERATOR:

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C	EARS/ PLNT
30	8095	73	60	198	107	0.0	9.1	22.0	2.5	0.0	1.0
102	8438	42	56	199	101	0.0	14.0	22.0	3.0	7.0	1.0
117	8793	28	57	207	105	0.0	11.5	22.0	2.5	2.4	1.0
156	8077	78	58	198	90	0.0	9.8	21.5	2.5	2.3	1.0
238	6513	243	59	195	97	0.0	14.0	22.5	3.0	2.4	1.0
84	7797	112	57	208	111	0.0	11.1	22.0	3.0	4.4	1.0
109	7753	119	56	207	96	0.0	9.3	21.5	2.5	2.4	1.0
149	6571	241	55	194	95	0.0	14.6	22.0	3.0	0.0	0.9
186	7878	102	58	209	107	0.0	9.9	22.0	3.0	0.0	1.0
229	7498	149	56	189	99	0.0	12.0	21.5	3.0	2.3	1.0
45	7460	156	58	204	94	0.0	9.3	21.5	3.0	7.0	1.0
106	6994	204	56	190	98	0.0	11.4	22.0	3.0	4.5	1.0
231	6570	242	55	186	92	0.0	11.5	22.0	3.0	4.6	1.0
SEL MEAN	7572	-	57	198	99	0.0	11.3	21.9	2.8	3.0	1.0
POP MEAN	7684	-	57	202	103	0.3	12.0	21.8	2.9	7.4	1.0
POP RANGE	9887-	-	63-	227-	134-	2.4-	21.0-	24.0-	4.0-	62.4-	1.1-
	5164	-	53	175	86	0.0	6.3	19.5	2.0	0.0	0.5
CHECK MEAN	7036	-	59	206	108	0.0	12.4	20.4	3.4	4.3	1.1
BEST CHECK	7581	-	58	203	110	0.0	8.9	20.0	3.0	2.4	1.1
C.V.	9.7		1.6	3.4	4.7						
5% LSD	1472.1		1.7	13.6	9.6						

BEST CHECK TLWF (POOL 23) OTHER CHECKS: PR 7925, MIX 1 COL. GPOLI 1

TABLE: 63-P-84 POPULATION: BLANCO CRISTALINO-3 TRIAL: IPTT 25

YEAR: 1984 EXP. VARIETY: ACROSS 8425

COUNTRY-SITE CODES

113 8	- VENEZUELA	CAGUA
20810	- NICARAGUA	EL PLANTEL
807 1	- PAKISTAN	PIRSABAK
105 1	- COLOMBIA	PALMIRA
20710	- MEXICO	POZA RICA

PROG	KG/HA						DAYS TO SILK						PLANT HEIGHT						
	11308	20810	80701	10501	20710	MEAN	11308	20810	80701	10501	20710	MEAN	11308	20810	80701	10501	20710	MEAN	
5	7189	2150	8043	7883	8023	6657	60	57	59	58	57	58	205	191	189	235	200	204	
39	8535	2600	6676	8920	8365	7019	61	57	56	60	55	58	207	191	178	235	211	204	
68	7658	2438	7134	8561	7719	6702	62	59	55	56	55	57	197	198	183	240	195	202	
75	6623	1896	5196	7518	7706	5788	61	61	60	57	58	59	162	196	183	228	200	194	
83	8127	3132	6537	8658	9887	7268	61	58	59	58	58	59	201	212	193	230	227	212	
107	8860	2611	7897	9329	9475	7634	61	62	60	58	57	59	200	191	208	230	216	209	
153	7006	2405	6981	8307	8983	6736	61	59	57	58	56	58	200	184	188	228	199	199	
189	7886	2436	7439	9246	8997	7201	62	59	62	59	59	60	202	194	193	238	215	208	
202	6943	2517	6173	8031	9265	6586	62	58	61	60	59	60	191	207	178	245	199	204	
207	5034	2193	3728	6736	7803	5099	62	58	61	61	58	60	202	183	180	240	204	202	
SEL MEAN		7386	2438	6580	8319	8622	6669	61	59	59	58	57	59	197	195	187	235	206	204
POP MEAN		6266	2218	5708	7150	7699	5808	61	59	59	57	57	59	197	194	180	231	202	201
CHECK MEAN		4307	1207	6218	7357	7036	5225	52	61	53	62	59	57	192	195	168	245	206	201
BEST CHECK		6208	1926	7800	9488	7581	6600	61	62	52	56	58	58	206	205	148	235	203	199
CV		22.1	14.5	15.1	14.7	9.7	15.2												
LSD(5%)		2714	625	1700	2078	1472	1718												

TABLE: 64-P-84 POPULATION: AMARILLO CRIST-1 TRIAL: IPTT 27

LOCATION : LA MOLINA PERU EXP. VARIETY: LA MOLINA 8427

5CO-OPERATOR:ING. ANTONIO MANRIQUE, ING. JORGE NAKAHADO, UNA

PROG NO	KG/HA	RANK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	
4	7649	4	156	81	20.5	1.1	
14	8725	1	195	98	20.0	1.3	
22	7168	9	191	96	21.5	1.3	
110	7095	11	184	72	21.5	1.2	
115	7418	6	202	105	20.5	1.4	
119	6951	14	150	72	20.5	1.3	
121	7485	5	187	91	22.0	1.3	
166	7193	8	164	59	20.5	1.1	
175	7096	10	154	71	21.0	1.2	
216	7668	3	180	86	20.0	1.4	
SEL MEAN	7445	-	176	83	20.8	1.3	
POP MEAN	5475	-	158	74	19.1	1.1	
POP RANGE	8725-	-	202-	105-	22.0-	1.5-	
	2317	-	121	48	13.0	0.8	
CHECK MEAN	5271	-	189	93	16.9	1.1	
BEST CHECK	7912	-	229	113	20.0	1.2	
C.V.	16.2		7.9	12.0	11.1		3.5
5% LSD	1749.0		24.5	17.4	4.2		1.0

BEST CHECK: PM-212 OTHER CHECKS: PM-801, PM-702, PMC-863, PM-701, PMC-861

TABLE: 65-P-84 POPULATION: AMARILLO CRIST-1 TRIAL: IPTT 27

LOCATION : MUNENG INDONESIA EXP. VARIETY: MUNENG 8427

7CO-OPERATOR: DR. DAHLAN

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	EAR BORER	ROOT LODG	RUST	HELM	PLANTS HARV	EAR ASPCT	%BAD H.C	PLANT ASPECT
110	6479	15	61	235	109	2.3	0.0	2.0	2.0	22.0	2.0	9.6	2.0
123	7093	2	61	227	111	7.3	2.5	2.0	2.0	21.0	1.5	0.0	1.5
127	6664	11	59	215	105	2.4	2.4	2.0	2.0	21.0	2.0	11.9	2.0
148	6625	13	58	215	115	4.7	2.3	2.0	1.5	21.5	2.0	6.8	1.5
181	6697	9	55	207	110	4.5	2.4	2.0	1.5	21.5	2.0	2.4	2.5
205	6743	8	56	216	110	9.4	0.0	2.0	2.0	21.5	2.0	12.3	2.0
217	7208	1	60	220	106	4.5	0.0	2.0	2.0	22.0	2.0	10.4	2.0
227	6435	17	60	218	108	4.5	0.0	2.0	2.0	22.0	2.0	4.7	2.0
245	7048	3	60	233	133	9.3	2.5	2.0	2.0	21.0	2.0	4.2	2.0
246	6448	16	60	212	120	9.1	0.0	2.0	2.0	22.0	2.0	2.2	2.0
SEL MEAN	6744	-	59	220	112	5.8	1.2	2.0	1.9	21.5	2.0	6.4	2.0
POP MEAN	5189	-	58	210	107	10.7	2.2	2.1	1.9	21.1	2.4	18.9	2.2
POP RANGE	7208-	-	63-	235-	141-	39.5-	72.7-	3.0-	2.0-	22.0-	3.5-	72.7-	3.0-
	2403	-	52	173	83	0.0	0.0	1.5	1.5	17.0	1.5	0.0	1.0
CHECK MEAN	4112	-	56	203	110	8.8	1.9	2.3	2.1	21.8	3.1	10.8	3.0
BEST CHECK	5050	-	56	206	103	6.8	0.0	1.5	2.0	22.0	2.5	11.8	2.5
C.V.	11.9		2.9	5.3	7.9								
5% LSD	1218.5		3.4	22.0	16.6								

BEST CHECK: LOCAL CHECK 4 OTHER CHECKS: LOCAL CHECK 1. LOCAL CHECK 3. LOCAL CHECK 2. LOCAL CHECK 5

TABLE: 66-P-84 POPULATION: AMARILLO CRIST-1 TRIAL: IPTT 27

YEAR: 1984 EXP. VARIETY: ACROSS 8427

COUNTRY-SITE CODES

20710	- MEXICO	POZA RICA
607 1	- IVORY COAST	FERKESSEDOUGOU
209 7	- PANAMA	GUARARE
914 6	- THAILAND	NAKORNSAWAN R.C.
905 7	- INDONESIA	MUNENG
110 5	- PERU	LA MOLINA

PROG	KG/HA							DAYS TO SILK						PLANT HEIGHT						
	20710	60701	20907	91406	90507	11005	MEAN	20710	60701	20907	91406	90507	MEAN	20710	60701	20907	91406	90507	11005	MEAN
16	8747	6447	4994	4272	6097	6159	6119	59	57	58	61	58	59	225	241	218	173	210	176	207
43	8396	6432	4820	3938	5951	6294	5972	60	56	58	58	60	58	214	241	228	174	221	165	207
73	6789	6949	5367	4583	5644	6306	5940	60	58	58	57	59	59	209	227	194	175	218	152	196
99	8283	5540	4287	5461	5630	5145	5733	59	57	58	56	60	58	223	225	225	171	220	151	202
106	7193	6556	4969	5409	5351	6766	6041	60	57	58	56	60	58	235	241	221	194	219	190	217
110	7483	6255	4611	3113	6479	7095	5839	61	59	58	61	61	60	239	263	230	178	235	184	221
217	7163	6703	4121	5060	7208	5930	6031	61	59	58	61	60	60	209	226	240	179	220	172	207
218	8619	7140	4863	3693	5177	5533	5904	60	56	58	57	60	58	222	230	221	173	213	167	204
227	8173	6005	4276	4218	6435	5233	5723	61	59	58	58	60	59	220	222	218	177	218	165	203
246	7069	5716	4835	6117	6448	5427	5935	60	57	58	60	60	59	222	235	219	174	212	146	201
SEL MEAN		7791	6374	4714	4586	6047	6029	5924	60	57	58	58	60	59	222	235	221	177	218	
POP MEAN		6616	5341	4223	3552	5215	5480	5071	59	56	58	58	58	58	214	229	213	175	210	
CHECK MEAN		5923	5159	3469	4259	4112	5271	4699	58	55	58	56	56	0	207	231	213	174	203	
BEST CHECK		6801	7917	4160	4735	5050	7912	6096	57	60	58	56	56	0	208	258	219	161	206	
CV		12.0	11.9	15.4	22.7	11.9	16.2	15.0												
LSD(5%)		1567	1248	1273	1597	1219	1749	1442												

TABLE: 67-P-84 POPULATION: ETO BLANCO TRIAL IPTT 32

LOCATION IBOPERENDA BOLIVIA EXP. VARIETY IBOPERENDA 8432

7CO-OPERATOR: HUMBERTO HINOJOSA PADILLA, CORDECH

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPECT	PLANT ASPECT	EARS/ PLNT
30	11037	19	68	216	111	0.0	0.0	10.0	21.0	1.0	1.0	1.4
87	11278	15	68	195	100	0.0	0.0	4.5	20.6	2.0	1.0	1.4
90	11460	11	66	208	107	0.0	0.0	5.7	20.5	1.0	1.0	1.2
105	11342	12	68	210	110	0.0	0.0	7.4	19.9	1.5	1.0	1.3
113	12038	2	68	230	127	0.0	0.0	6.8	17.6	1.0	1.0	1.6
122	11780	9	68	211	111	0.0	0.0	8.1	20.4	1.0	1.0	1.5
155	13809	1	69	214	110	0.0	0.0	11.9	21.2	1.0	1.0	1.7
174	11666	10	69	219	115	0.0	0.0	12.2	20.7	1.5	1.5	1.7
192	11912	5	69	223	124	2.5	0.0	7.7	19.2	1.0	1.0	1.4
205	11847	8	66	205	105	0.0	0.0	10.4	18.8	1.5	1.0	1.8
SEL MEAN	11817	-	68	213	112	0.3	0.0	8.5	20.0	1.3	1.0	1.5
POP MEAN	9093	-	67	211	111	0.9	0.1	13.3	19.2	1.7	1.2	1.3
POP RANGE	13809-	-	70-	260-	151-	15.0-	9.1-	56.5-	22.7-	2.5-	2.0-	1.9-
	5522	-	64	180	85	0.0	0.0	0.0	10.9	1.0	1.0	0.7
CHECK MEAN	9455	-	68	220	117	2.0	0.0	12.3	20.2	1.6	1.3	1.3
BEST CHECK	11273	-	68	207	101	0.0	0.0	6.7	20.2	2.0	1.0	1.5
C.V.	16.7		1.9	6.1	10.6							
5% LSD	2993.5		2.5	25.5	23.0							

BEST CHECK: IBOP 5 OTHER CHECKS: ANCHO-PAIRUMANI, IBOP 7, IBOP 6, IBOP 8, IBOP 2

TABLE: 68-P-84 POPULATION: ETO BLANCO TRIAL: IPTT 32

LOCATION : PALMIRA COLOMBIA EXP. VARIETY: PALMIRA 8432

ICO-OPERATOR:JOSE E. VARGAS, C.N.I.A.-PALMIRA.

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	LEAF DIS.	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT
7	8461	2	65	211	111	0.0	6.6	2.5	17.0	3.5	2.0	1.8
77	8128	5	66	213	98	0.0	5.3	2.0	20.5	2.0	2.5	1.1
78	7601	11	68	206	92	0.0	4.6	2.0	19.5	2.5	2.0	1.1
88	8469	1	68	211	108	0.0	7.7	3.0	20.5	3.0	3.0	1.5
89	8089	6	68	190	99	0.0	7.5	2.0	19.0	3.5	2.0	1.2
137	8321	3	67	199	88	0.0	8.5	2.0	21.5	3.5	2.5	1.2
192	7473	16	68	208	113	0.0	9.6	2.0	19.5	3.0	3.0	1.3
195	7972	7	68	212	95	0.0	8.5	2.5	20.0	2.5	2.5	1.3
229	7514	15	64	213	103	0.0	7.4	2.0	20.0	3.5	3.0	1.4
244	7711	9	66	210	119	0.0	7.7	2.0	20.0	3.0	3.0	1.1
SEL MEAN	7974	-	67	207	102	0.0	7.3	2.2	19.8	3.0	2.5	1.3
POP MEAN	6003	-	67	201	97	7.1	12.6	2.3	19.3	3.6	2.9	1.1
POP RANGE	8469-	-	71-	230-	126-	67.5-	45.8-	3.5-	25.0-	5.0-	4.0-	1.8-
	3152	-	63	172	72	0.0	1.0	1.0	14.0	2.0	1.5	0.8
CHECK MEAN	4880	-	70	213	113	20.1	15.8	2.4	16.5	3.8	2.8	1.1
BEST CHECK	6891	-	69	240	116	6.3	10.7	2.0	15.0	3.0	2.0	1.1
C.V.	16.4		2.0	6.2	11.6							
5% LSD	1938.0		2.6	24.6	22.1							

BEST CHECK:ICA H-260
OTHER CHECKS:ICA H-211, ICA V-258, MB 237 SIM.S2, DV 351(ETO BL), ETC AMARILLO

TABLE: 69-P-84 POPULATION: ETO BLANCO TRIAL: IPTT 32

YEAR: 1984 EXP. VARIETY: ACROSS 8432

COUNTRY-SITE CODES

20710	- MEXICO	POZA RICA
620 3	- SENEGAL	NIORO
105 1	- COLOMBIA	PALMIRA
102 7	- BOLIVIA	IBOPERENDA

PROG	KG/HA					DAYS TO SILK					PLANT HEIGHT				
	20710	62003	10501	10207	MEAN	20710	62003	10501	10207	MEAN	20710	62003	10501	10207	MEAN
77	7999	4165	8128	10867	7790	56	59	66	66	62	191	116	213	210	182
89	7747	4247	8089	9895	7495	60	62	68	68	64	192	98	190	197	170
100	8884	4217	8257	9705	7766	58	60	65	67	62	201	119	194	212	181
102	9468	3798	7463	10446	7794	61	61	67	69	64	218	115	200	219	188
122	9038	3464	7017	11780	7825	61	62	69	68	65	234	121	219	211	196
144	8866	3703	6642	9806	7254	59	60	65	67	62	214	119	210	224	192
168	8721	3872	6813	10518	7481	57	58	65	65	61	198	115	194	202	177
199	8120	4057	6932	11317	7607	61	63	67	68	65	220	118	211	218	191
244	8632	3964	7711	9645	7488	58	61	66	68	63	216	111	210	219	189
249	8448	3678	6794	11855	7694	58	59	68	68	63	210	131	213	218	193
SEL MEAN	8592	3917	7385	10583	7619	59	60	67	67	63	209	116	205	213	186
POP MEAN	7347	3144	6030	9084	6401	60	61	67	67	63	202	109	201	211	181
CHECK MEAN	6798	1763	4880	9455	5724	60	57	70	68	64	196	110	213	220	185
BEST CHECK	7290	2997	6891	11273	7113	61	58	69	68	64	205	133	240	207	196
CV	11.5	23.4	16.4	16.7	17.0										
LSD(5%)	1656	1436	1938	2994	2006										

TABLE: 70-P-84 POPULATION: AMARILLO SUBTROPICAL TRIAL: IPTT 33

LOCATION : PIURA PERU EXP. VARIETY: PIURA 8433

1CO-OPERATOR:M. NEVADO B.

PROG NO	KG/HA	RANK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EARS/ PLNT
2	8302	3	149	64	20.3	20.3	1.1
79	7657	13	174	83	19.2	19.2	1.2
125	8144	5	171	75	21.1	16.5	1.1
127	7085	34	175	77	52.0	18.8	1.1
164	7575	18	168	61	22.0	20.9	1.1
168	7628	15	158	62	25.0	18.3	1.2
176	7674	11	169	83	19.6	21.2	1.0
222	7918	9	131	56	17.7	19.5	1.3
227	7758	10	159	72	17.0	17.9	1.2
240	7979	8	157	78	24.4	16.7	1.2
SEL MEAN	7772	-	161	71	23.8	18.9	1.2
POP MEAN	5891	-	156	69	30.6	16.9	1.0
POP RANGE	8702-	-	197-	100-	73.6-	21.2-	1.5-
	3439	-	117	40	7.9	11.5	0.7
CHECK MEAN	3365	-	73	41	15.7	6.8	1.1
BEST CHECK	9838	-	193	107	8.3	15.9	1.5
C.V.	23.1		0.0			15.2	
5% LSD	2679.1		0.0			5.0	

BEST CHECK: PM-102 OTHER CHECKS: PM-701, PIURA 81-78, PIURA 81-80, PIURA 81-79, PIURA 81-67

TABLE: 71-P-84 POPULATION: AMARILLO SUBTROPICAL TRIAL: IPTT 33

YEAR: 1954 EXP. VARIETY: ACROSS 8433

COUNTRY-SITE CODES

20712 - MEXICO	TLALTIZAPAN
206 4 - HONDURAS	LA ESPERANZA
614 3 - UPPER VOLTA	KAMBOINSE
807 2 - PAKISTAN	YOUSAFWALA
80415 - INDIA	UDAIPUR
110 1 - PERU	PIURA

PROG	KG/HA							DAYS TO SILK						PLANT HEIGHT						
	20712	20604	61403	80702	80415	11001	MEAN	20712	20604	61403	80702	80415	MEAN	20712	20604	61403	80702	80415	11001	MEAN
52	8285	1843	122	3463	3590	6523	3971	58	74	53	53	53	58	192	124	140	168	157	154	156
83	9683	512	3545	3246	6235	3870	59	79	54	54	57	60	187	117	156	190	175	147	162	
108	9123	1929	501	3303	4274	6970	4349	57	75	54	52	53	58	203	127	148	183	162	178	167
126	10031	1027	263	2654	3422	8165	4262	60	78	56	58	54	61	208	129	155	175	177	176	170
133	8261	1256	-34	2849	4115	5599	3674	59	72	52	54	55	58	191	113	148	175	165	155	158
178	9820	845	50	3054	3954	5207	3822	61	80	54	59	57	62	200	118	120	180	173	166	159
196	8318	1403	56	2919	4541	6352	3938	57	73	54	55	54	59	197	123	133	168	179	143	157
210	9311	2110	152	3183	3009	6741	4084	56	73	54	50	52	57	198	124	155	165	171	168	163
213	9205	257	60	3633	4216	5499	3811	58	75	54	53	55	59	205	107	138	183	171	164	161
223	8770	758	449	3713	3238	7542	4087	59	75	58	55	56	60	196	111	140	160	181	158	158
SEL MEAN	9081	1194	166	3232	3765	6484	3987	58	75	54	54	54	59	198	119	143	175	171		
POP MEAN	7545	642	168	2791	3278	5952	3395	59	76	55	54	54	59	194	116	141	173	167		
CHECK MEAN I	7513	3450	30	2627	2945	3365	3346	59	92	55	55	59	0	193	233	145	151	186		
BEST CHECK	8320	4285	264	3256	4473	9838	5073	59	94	55	57	61	0	197	268	130	175	181		
CV %	12.6	75.8	106.4	17.3	26.0	23.1	43.4													
LSD(5%)	1877	1102	345	947	1416	2679	1394													

TABLE: 72-P-84 POPULATION: LA POSTA TRIAL: IPTT 43

LOCATION : GUAYABAL ARAGUA VENEZUELA EXP. VARIETY: GUAYABAL 6443

9CO-OPERATOR:OSCAR DE CORDOVA

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.
22	7183	24	61	210	117	0.0	15.9	0.0	3.0	3.5	18.5	3.0	13.8
43	7287	19	60	212	116	2.3	10.5	7.0	3.0	3.0	20.5	2.5	35.9
69	7871	7	62	218	126	2.3	0.0	0.0	3.0	2.5	20.5	3.5	27.7
73	7441	14	61	214	112	0.0	4.8	7.9	3.0	3.0	21.5	3.0	32.7
112	7297	17	61	214	124	0.0	10.0	7.5	2.5	4.5	20.0	2.5	18.3
125	8017	5	62	209	112	0.0	0.0	2.8	2.0	4.0	21.0	3.0	36.9
163	8115	4	59	208	111	7.1	2.4	0.0	2.0	3.0	21.5	3.0	26.2
177	7099	27	59	217	123	0.0	8.3	5.7	3.0	4.0	19.0	3.0	8.7
SEL MEAN	7539	-	60	213	117	1.5	6.5	3.9	2.7	3.4	20.3	2.9	25.0
POP MEAN	5867	-	61	206	116	3.0	12.0	7.8	3.0	3.4	19.7	2.6	32.5
POP RANGE	8480-	-	66-	240-	143-	25.2-	62.1-	26.5-	4.0-	4.5-	24.0-	4.0-	85.3-
	2489	-	55	168	88	0.0	0.0	0.0	1.5	2.5	15.5	1.5	0.0
CHECK MEAN	5037	-	62	216	129	4.2	19.6	0.6	2.9	2.9	17.8	2.3	18.3
BEST CHECK	6240	-	61	221	125	13.7	13.7	0.0	2.5	3.0	18.5	2.5	13.5
C.V.	16.2		2.0	5.0	8.6								
5% LSD	1877.7		2.5	20.2	19.8								

BEST CHECK:CENIAP 2 OTHER CHECKS:OBREGON, CENIAP-DMR, CENIAP 69, ARICHUNA, FM6

TABLE: 73-P-84 POPULATION: LA POSTA TRIAL: IPTT 43

LOCATION : SANGUERE CAMEROON EXP. VARIETY: SANGUERE 8443

3CO-OPERATOR:NCRE-IRA

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EAR ASPCT	EARS/ PLNT
7	6663	1	46	184	89	15.5	2.5	1.2
15	6067	2	48	175	80	16.5	2.5	1.2
22	5166	7	47	190	80	13.5	2.0	1.4
155	5432	4	49	168	75	14.0	2.5	1.2
166	5109	11	52	187	83	13.5	2.5	1.3
171	5124	10	49	182	80	11.0	2.0	1.4
245	5083	12	52	201	83	12.0	2.5	1.5
SEL MEAN	5520	-	49	184	81	13.7	2.4	1.3
POP MEAN	3073	-	51	182	83	8.8	2.7	1.2
POP RANGE	6663-	-	74-	218-	113-	16.5-	4.0-	4.2-
	391	-	22	140	50	1.5	1.0	0.7
CHECK MEAN	3816	-	53	172	85	14.0	2.8	1.0
BEST CHECK	5009	-	52	170	83	18.5	2.5	1.0
C.V.	41.3		11.0	9.3	16.2	40.9		
5% LSD	2497.8		11.0	33.3	26.5	7.1		

BEST CHECK:TZPB-K81 OTHER CHECKS:TZPB-K81, GUZAN TZB81, PR 7843 SR, PR 7843 SR, GUZAN TZB81

TABLE: 74-P-84 POPULATION: LA POSTA TRIAL: IPTT 43

LOCATION : IKENNE NIGERIA EXP. VARIETY: IKENNE 8443

3CO-OPERATOR:CIMMYT/IITA

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	CURV	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT
15	6273	13	51	209	108	0.0	2.9	5.0	3.0	18.5	2.5	2.2	2.5
82	6319	10	53	224	120	2.4	3.3	0.0	2.0	18.0	1.5	2.9	1.5
95	6434	6	56	219	115	2.5	0.0	2.8	3.0	20.0	2.5	0.0	2.0
129	6371	7	55	217	118	0.0	0.0	0.0	2.0	17.0	3.0	10.1	3.0
140	6853	2	53	220	123	5.6	2.8	2.9	3.0	18.0	3.0	2.8	2.0
188	6506	5	54	209	108	0.0	13.8	2.8	2.0	18.0	3.0	2.5	3.0
192	6703	4	52	210	110	0.0	4.8	5.3	2.5	19.5	2.5	8.1	2.5
199	6278	12	52	214	115	2.9	0.0	8.5	2.0	17.5	3.0	5.6	3.0
241	6957	1	54	217	110	0.0	5.9	3.7	3.0	18.5	3.0	1.9	3.5
245	6295	11	55	220	115	2.5	5.0	10.8	2.0	19.5	3.5	16.1	3.0
SEL MEAN	6500	-	53	216	114	1.6	3.9	4.2	2.5	18.5	2.8	5.2	2.6
POP MEAN	4792	-	53	214	112	4.9	4.3	6.7	2.3	17.0	3.1	5.5	3.0
POP RANGE	6957-	-	58-	242-	143-	25.3-	53.6-	36.3-	4.0-	21.5-	4.0-	29.3-	5.0
	1969	-	50	192	90	0.0	0.0	0.0	1.0	12.0	1.5	0.0	1.5
CHECK MEAN	[illegible]	-	54	219	118	9.2	11.8	6.1	2.1	16.2	3.6	3.9	3.3
BEST CHECK	[illegible]	-	56	211	110	10.3	11.1	7.6	2.0	19.0	3.5	2.5	3.0
C.V.	18.5		2.6	3.9	7.1								
5% LSD	1745.7		2.7	16.4	15.6								

BEST CHECK:EV [illegible] OTHER CHECKS:EV8343-SR-BC3, IKKENE(1)8243, TZPB-ONNE 81, TZB GUZAN 81, A

TABLE: 76-P-84 POPULATION: LA POSTA TRIAL: IPTT 43

LOCATION : GWEBI ZIMBABWE EXP. VARIETY. GWEBI (1) 8443

SCO-OPERATOR: R. C. OLVER

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT
39	7515	5	81	268	153	0.0	0.0	20.7	1.0	2.0	19.5	1.0	2.5
26	7215	7	79	290	165	4.8	0.0	26.2	1.5	3.0	21.0	1.0	3.5
94	6906	10	80	275	173	18.2	0.0	22.1	2.0	2.5	22.0	1.0	4.5
90	7007	8	82	273	138	4.7	0.0	34.7	1.5	1.5	21.5	1.5	3.0
32	6986	9	81	278	180	2.4	0.0	23.8	1.5	2.5	21.0	1.5	2.5
222	6698	11	84	268	158	6.8	0.0	4.5	1.0	2.0	22.0	1.0	3.0
126	6645	13	79	263	160	6.8	0.0	6.8	1.5	2.5	21.5	1.0	3.0
134	6600	14	79	275	148	13.7	0.0	4.7	1.0	2.0	21.5	1.0	3.0
59	6414	16	77	258	150	4.7	0.0	28.2	1.5	2.5	21.5	1.0	3.0
186	6316	17	84	273	170	15.9	0.0	33.6	2.0	2.0	22.0	1.0	3.0
58	7332	6	78	263	155	32.6	0.0	7.5	1.0	3.0	18.5	1.0	3.5
100	6163	18	82	273	175	31.7	0.0	19.9	1.0	2.5	20.5	1.5	3.5
SEL MEAN	6816	-	80	271	160	11.9	0.0	19.4	1.4	2.3	21.0	1.1	3.2
POP MEAN	4162	-	80	263	151	15.9	0.4	14.5	1.5	2.7	18.9	1.1	3.6
POP RANGE	7515-	-	86-	290-	180-	60.0-	10.7-	45.7-	2.5-	4.0-	22.0-	2.0-	4.5-
	1070	-	77	233	128	0.0	0.0	0.0	1.0	1.0	11.5	1.0	2.0
CHECK MEAN	83[illegible]	-	76	272	155	10.7	0.0	11.3	1.6	1.6	20.0	1.0	2.4
BEST CHECK	112[illegible]	-	77	278	155	17.4	0.0	7.5	1.0	1.5	20.5	1.0	1.5
C %	17.5		2.0	3.8	7.4								
5% LSD	146[illegible].2		3.2	19.8	21.9								

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

TABLE: 75-P-84 POPULATION: LA POSTA TRIAL: IPTT 43

LOCATION : GWEBI ZIMBABWE EXP. VARIETY: GWEBI 8443

SCO-OPERATOR:R.C. OLVER

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT
26	7215	7	79	290	165	4.8	0.0	26.2	1.5	3.0	21.0	1.0	3.5
39	7515	5	81	268	153	0.0	0.0	20.7	1.0	2.0	19.5	1.0	2.5
94	6906	10	80	275	173	18.2	0.0	22.1	2.0	2.5	22.0	1.0	4.5
100	6153	13	82	273	175	31.7	0.0	19.9	1.0	2.5	20.5	1.5	3.5
134	6600	14	79	275	148	13.7	0.0	4.7	1.0	2.0	21.5	1.0	3.0
186	6316	17	84	273	170	15.9	0.0	33.6	2.0	2.0	22.0	1.0	3.0
SEL MEAN	6786	-	81	275	164	14.1	0.0	21.2	1.4	2.3	21.1	1.1	3.3
POP MEAN	4162	-	80	263	151	15.9	0.4	14.5	1.5	2.7	18.9	1.1	3.6
POP RANGE	7515-	-	86-	290-	180-	60.0-	10.7-	45.7-	2.5-	4.0-	22.0-	2.0-	4.5-
	1070	-	77	233	128	0.0	0.0	0.0	1.0	1.0	11.5	1.0	2.0
CHECK MEAN	8367	-	76	272	155	10.7	0.0	11.3	1.6	1.6	20.0	1.0	2.4
BEST CHECK	11267	-	77	278	155	17.4	0.0	7.5	1.0	1.5	20.5	1.0	1.5
C.V.	17.9		2.0	3.8	7.4								
5% LSD	1467.2		3.2	19.8	21.9								

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

TABLE: 77-P-84 POPULATION: LA POSTA TRIAL: IPTT 43

YEAR: 1984 EXP. VARIETY: ACROSS 8443

COUNTRY-SITE CODES

618 3 - NIGERIA IKENNE
113 9 - VENEZUELA GUAYABAL ARAGUA
726 5 - ZIMBABWE GWEBI

PROG	KG/HA				DAYS TO SILK				PLANT HEIGHT			
	61803	11309	72605	MEAN	61803	11309	72605	MEAN	61803	11309	72605	MEAN
39	5365	7808	7515	6896	54	63	81	66	203	211	268	227
95	6434	5466	6566	6156	56	63	84	67	219	215	270	235
112	4983	7297	5442	5907	53	61	77	64	205	214	253	224
113	4292	5740	5898	5310	53	61	80	64	208	201	265	225
134	4796	7602	6600	6333	52	61	79	64	217	214	275	235
153	6186	6630	5905	6240	54	63	85	67	225	211	283	239
155	5812	6420	5486	5906	53	61	79	64	216	211	270	232
180	5637	7079	5411	6042	54	61	79	64	220	214	263	232
SEL MEAN	5438	6755	6103	6099	53	61	80	65	214	211	268	231
POP MEAN	4810	5887	4061	4919	53	61	81	65	213	205	263	227
CHECK MEAN	4046	5037	8367	5817	54	62	76	64	219	216	272	236
BEST CHECK	5201	6240	11267	7569	56	61	77	65	211	221	278	236
CV	18.5	16.2	17.9	17.5								
LSD(5%)	1749	1878	1467	1698								

TABLE: 78-P-84 POPULATION: ADE X TUXPENO TRIAL: IPTT 44

LOCATION : CD. OBREGON MEXICO EXP. VARIETY: OBREGON 8444

ICO-OPERATOR:ANGEL SOQUI, OSCAR COTA

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT
8	4877	17	82	187	113	71.0	17.9	11.4	19.5	3.3	4.5	1.1
20	4974	15	82	200	115	54.3	12.9	7.0	19.5	2.8	17.0	1.1
39	5142	6	82	208	143	78.6	14.3	7.3	21.0	2.8	15.3	1.0
45	4818	19	83	209	133	59.1	9.1	5.4	22.0	3.0	19.9	0.9
117	5200	4	81	182	115	75.1	0.0	4.8	22.0	3.0	16.7	1.0
151	5012	12	82	209	115	79.5	22.7	7.1	22.0	2.8	14.6	0.9
181	6407	1	81	204	110	77.8	13.5	15.9	22.0	2.8	15.2	1.1
182	5163	5	80	211	135	88.7	0.0	7.9	18.5	3.0	15.8	1.0
205	5031	9	82	194	113	86.5	14.8	11.8	20.5	3.0	8.8	0.8
245	6174	2	81	226	138	70.5	29.5	15.4	22.0	3.0	17.0	1.2
SEL MEAN	5280	-	81	203	123	69.1	13.5	9.4	20.9	2.9	14.5	1.0
POP MEAN	3555	-	81	202	124	59.6	21.9	17.9	20.3	2.6	23.7	0.9
POP RANGE	6407-	-	80-	241-	150-	97.8-	59.7-	53.5-	26.5-	3.5-	69.1-	1.3-
	1155	-	79	171	93	17.1	0.0	0.0	14.5	1.5	0.0	0.5
CHECK MEAN	3088	-	81	196	116	37.7	34.4	20.4	16.0	3.1	13.8	1.1
BEST CHECK	4041	-	80	202	120	22.4	46.7	22.5	20.0	3.8	7.1	0.8
C.V.	26.3		1.5	6.4	8.3							
5% LSD	1646.2		2.9	25.5	21.5							

BEST CHECK:H-422 OTHER CHECKS:V-455, V-526, GUANACASTE 7946, V-425, LA POSTA QPM

TABLE: 79-P-84 POPULATION: A05 X TUXPEN0 TRIAL: IPTT 44

LOCATION : CHITEDZE MALAWI EXP. VARIETY: CHITEDZE 8444

ICD-OPERATOR:ELIZABETH SIDALE

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC SORG	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H.C.
4	10069	20	75	221	105	4.5	9.8	2.2	2.5	3.0	21.0	2.5	25.7
15	10357	14	71	220	114	0.0	5.0	2.0	2.0	2.5	21.0	3.5	29.0
20	10462	11	72	211	99	0.0	2.3	11.1	1.0	1.5	19.0	3.0	37.8
31	10703	6	72	217	100	2.3	2.5	14.3	2.0	3.0	21.0	3.5	39.3
36	11054	4	75	197	93	2.3	2.3	10.7	1.5	2.5	22.0	2.5	9.1
37	10413	12	73	236	124	2.4	9.2	4.0	2.0	2.5	21.5	3.0	44.8
103	10530	5	73	219	110	6.9	6.5	7.1	1.0	2.5	22.0	3.0	13.0
210	10604	7	73	232	124	16.2	0.0	16.0	2.5	3.5	21.5	2.5	18.7
217	10151	19	73	195	106	4.5	18.2	4.8	1.5	2.5	22.0	2.0	13.5
213	10575	9	73	222	114	4.5	5.6	7.6	2.5	3.5	20.0	2.0	41.7
SEL MEAN	10497	-	73	217	109	4.4	6.2	8.0	1.9	2.7	21.1	2.8	27.2
POP MEAN	8359	-	72	210	103	11.9	8.9	10.3	2.2	2.8	20.0	3.2	28.4
POP RANGE	11463-	-	76-	282-	131-	50.7-	57.0-	40.1-	4.0-	4.0-	23.5-	5.0-	87.8-
	4263	-	67	173	82	0.0	0.0	0.0	1.0	1.5	14.5	1.5	0.0
CHECK MEAN	9058	-	73	247	133	18.4	5.1	8.1	1.8	2.7	21.8	2.7	22.9
BEST CHECK	12246	-	75	291	161	12.9	16.3	4.1	2.0	2.0	23.5	2.5	26.6
C.V.	12.6		3.7	5.7	7.3								
5% LSD	2075.9		5.2	23.4	14.8								

BEST CHECK:UCA
OTHER CHECKS:CCA, UCBC2, CCBC2, TUXPEN0, CCC

TABLE: 80-P-84 POPULATION: ADE X TUXPENO TRIAL: IPTT 44

YEAR: 1984 EXP. VARIETY: ACROSS 8444

COUNTRY-SITE CODES

20712	- MEXICO	TLALTIZAPAN
504 2	- EGYPT	EL GEMMEIZA
710 1	- MALAWI	CHITEDZE
20711	- MEXICO	CD. OBREGON

PROG	KG/HA					DAYS TO SILK					PLANT HEIGHT				
	20712	50402	71001	20711	MEAN	20712	50402	71001	20711	MEAN	20712	50402	71001	20711	MEAN
20	11966	8146	10442	4974	8887	61	75	73	82	73	247	229	211	200	222
43	10222	8510	9.77	5024	8309	62	70	69	81	70	243	237	226	211	229
103	11668	7239	10590	4734	8568	62	74	73	82	72	246	218	219	200	220
124	11833	9155	9312	4156	8615	61	74	72	83	72	245	223	204	209	220
151	11217	7670	8902	5012	8200	59	75	73	82	72	249	218	217	209	223
171	10580	8086	9225	4783	8168	60	74	71	82	72	258	238	219	210	231
175	10662	8656	9462	4503	8370	61	69	68	80	69	251	210	204	209	219
181	11289	6402	8563	5407	8240	60	75	73	81	72	245	245	191	204	221
234	10363	8625	9776	4231	8249	60	69	67	81	69	242	231	213	215	225
241	11218	7973	8845	5563	8401	61	70	73	81	71	257	233	218	213	230
SEL MEAN	11102	8066	9451	4944	8401	61	72	71	81	71	248	229	212	208	224
POP MEAN	9694	6135	8342	3570	6948	61	72	72	81	71	241	223	210	202	219
CHECK MEAN	8958	4743	9088	3080	6469	60	72	73	81	72	235	239	247	196	229
BEST CHECK	10104	6663	12246	4041	8263	59	69	75	80	71	232	229	291	202	238
CV	11.7	26.3	12.5	26.0	19.2										
LSD(5%)	2234	3194	2076	1246	2337										

TABLE: 81-P-84 POPULATION AMARILLO BAJIO TRIAL IPTT 45

LOCATION CRAVINHOS BRAZIL EXP. VARIETY CRAVINHOS 8445

7CO-OPERATOR DIMAIR JOSE POLONI C.C CBRASIL LTDA

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	EARS/ PLNT
1	7338	12	59	193	88	4.5	0.0	6.8	1.5	20.5	1.0	1.0
82	7535	11	60	185	85	19.5	0.0	9.1	1.5	20.5	1.0	1.0
85	7637	9	59	186	100	4.5	0.0	0.0	1.5	22.0	1.0	1.0
101	7777	8	64	188	83	6.8	0.0	0.0	1.0	22.0	1.0	1.0
137	7107	21	62	198	100	2.3	0.0	2.5	1.5	22.0	1.0	1.0
156	7310	13	61	187	93	17.1	0.0	2.5	1.5	20.5	1.5	0.9
161	7135	19	58	187	100	4.8	0.0	0.0	1.0	21.5	1.0	1.0
162	8042	7	60	183	88	15.9	0.0	7.1	1.5	22.0	1.0	0.9
193	8889	6	68	199	100	7.1	0.0	2.2	1.5	20.0	1.0	1.1
194	7184	15	60	202	103	16.7	0.0	0.0	1.0	21.0	1.0	1.0
SEL MEAN	7595	-	61	191	94	9.9	0.0	3.0	1.4	21.2	1.0	1.0
POP MEAN	5564	-	60	186	92	19.5	0.3	5.0	1.4	21.1	1.3	0.9
POP RANGE	9527-	-	68-	218-	135-	74.0-	11.4-	27.8-	2.5-	22.5-	3.5-	1.1-
	2699	-	55	156	65	0.0	0.0	0.0	1.0	15.5	1.0	0.5
CHECK MEAN	9067	-	73	216	129	4.3	2.1	1.7	1.0	19.8	1.0	1.2
BEST CHECK	11463	-	70	208	130	0.0	4.5	0.0	1.0	21.5	1.0	1.3
C.V.	19.8		3.4	8.8	17.4							
5% LSD	2166.5		4.0	32.2	31.6							

BEST CHECK: CARGILL 115 OTHER CHECKS. CONTIMAX 322, CARGILL 317, CENTRALMEX, CONTIMEX 133, CONTIM

TABLE: 82-P-84 POPULATION: AMARILLO BAJIO TRIAL: IPTT 45

LOCATION : PIURA PERU EXP. VARIETY: PIURA 8445

ICO-OPERATOR:M. NEVADO B.

PROG NO	KG/HA	RANK	%EAR ROT	PLANTS HARV	EARS/ PLNT
6	8270	7	10.5	17.5	1.1
9	8313	6	34.0	19.5	1.1
58	8139	10	32.7	19.0	1.1
81	8095	11	30.8	18.0	1.0
110	8313	5	34.8	18.5	1.2
111	7732	21	19.1	19.5	1.0
115	8618	3	30.0	18.5	1.1
189	8922	1	35.9	20.5	1.0
218	8414	4	22.3	19.0	1.2
128	6793	80	33.3	18.0	0.9
SEL MEAN	8161	-	28.3	18.8	1.1
POP MEAN	6160	-	40.3	16.1	1.0
POP RANGE	8922-	-	94.1-	21.5-	1.4-
	2102	-	7.5	11.0	0.5
CHECK MEAN	3902	-	21.7	8.1	1.2
BEST CHECK	7699	-	6.8	15.0	1.4
C.V.	21.8			17.4	4.7
5% LSD	2651.7			5.5	1.3

BEST CHECK: PM-102 OTHER CHECKS: PM-701, PIURA 81-8, PIURA 81-80, PIURA 81-78, PIURA 81-79

TABLE: 83-P-84 POPULATION: AMARILLO BAJIO TRIAL: IPTT 45

YEAR: 1984 EXP. VARIETY: ACROSS 8445

COUNTRY-SITE CODES

20712	- MEXICO	TLALTIZAPAN
504 1	- EGYPT	SIDS
519 3	- TURKEY	ANTALYA
804 3	- INDIA	LUDHIANA
10327	- BRAZIL	CRAVINHOS
110 1	- PERU	PIURA

PROG	KG/HA							DAYS TO SILK						PLANT HEIGHT					
	20712	50401	51903	80403	10327	11001	MEAN	20712	50401	51903	80403	10327	MEAN	20712	50401	51903	80403	10327	MEAN
82	9746	4189	7992	5565	7535	7098	7021	56	57	58	52	60	56	221	218	255	168	185	**209**
83	9955	5869	7101	7109	6286	7030	7225	55	61	61	51	62	58	229	215	260	174	179	**211**
85	9283	4668	7549	6703	7637	7532	7229	55	60	60	51	59	57	218	203	255	171	186	**206**
94	10318	7164	10035	4865	5844	6590	7469	59	59	61	52	59	58	222	230	263	176	190	**216**
124	9922	6456	7158	7388	6509	6880	7386	60	61	63	56	61	60	220	188	240	129	189	**193**
139	8124	6058	8530	6911	6555	5274	6909	53	58	57	51	57	55	196	203	255	166	186	**201**
162	8961	5569	7368	6508	8042	7924	7396	57	59	58	50	60	57	212	195	253	162	183	**201**
169	10978	7085	6175	7014	6789	5976	7336	59	60	62	54	60	59	213	225	268	188	188	**216**
192	9082	6282	7045	5142	9527	3298	6730	61	62	60	53	60	59	202	185	238	157	181	**192**
199	8751	5331	7347	8552	6075	6308	7061	61	62	62	52	60	59	212	208	268	148	175	**202**
SEL MEAN		9512	5867	7630	6576	7080	6391	7176	58	60	60	52	60	58	214	207	255	164	**184**
M POP MEAN		8132	4893	5992	4810	5480	6214	5920	58	59	61	53	59	58	208	202	248	152	**186**
Q CHECK MEAN		7023	6848	6058	3658	9067	3902	6092	59	63	57	57	73	0	204	226	249	158	**216**
BEST CHECK		8602	10018	8046	4990	11463	7699	8470	58	63	57	59	70	0	203	238	253	180	**208**
CV		10.1	21.2	18.6	16.6	19.8	21.8	18.0											
LSD(5%)		1622	2064	2201	1563	2167	2652	2045											

TABLE: 84-P-84 POPULATION: TEMP BLANCO DENTADO TRIAL: IPTT 47

LOCATION : CD. OBREGON MEXICO EXP. VARIETY: OBREGON 8447

1CO-OPERATOR: ANGEL SOQUI, OSCAR COTA

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H. C.	EARS/ PLNT
17	5438	1	77	166	110	20.0	19.2	19.4	16.0	3.5	42.4	1.3
109	4464	8	77	170	115	36.7	7.4	6.3	21.0	3.3	26.2	1.0
112	3916	20	76	167	95	39.1	16.1	10.0	21.0	3.5	17.4	1.0
137	4929	2	76	185	115	25.0	7.5	14.9	21.5	3.8	32.1	1.0
147	3835	27	74	193	123	7.4	22.4	2.3	20.5	3.0	24.2	1.1
156	4625	4	74	173	110	20.9	34.6	9.3	21.5	3.3	16.2	1.0
161	4526	6	76	195	103	22.0	7.7	7.9	19.0	3.0	41.8	1.0
205	4043	16	78	167	105	22.5	10.0	2.4	20.0	3.0	24.5	0.8
211	4241	12	76	173	100	15.0	12.5	9.8	20.0	3.3	26.6	1.1
227	4577	5	76	182	108	45.0	9.2	4.9	21.0	3.8	4.9	1.0
SEL MEAN	4459	-	76	177	108	25.4	14.7	8.7	20.1	3.3	25.8	1.0
POP MEAN	2979	-	76	178	109	29.6	16.7	24.1	20.1	3.1	33.4	0.9
POP RANGE	5438-	-	81-	211-	140-	90.0-	55.4-	64.5-	25.0-	3.8-	82.8-	1.4-
	1348	-	73	143	80	0.0	0.0	0.0	16.0	2.0	4.9	0.6
CHECK MEAN	2660	-	77	193	118	12.6	28.2	14.1	15.5	3.3	19.0	1.0
BEST CHECK	4524	-	76	200	125	20.0	32.5	14.8	20.0	4.0	20.7	1.1
C.V	24.8		2.3	6.6	9.4							
5% LSD	1455.4		3.5	23.1	20.2							

BEST CHECK V-425 OTHER CHECKS: H-422, V-455, GUANACASTE 7948, V-526, LA POSTA QPM

TABLE 85-P-84 POPULATION: TEMP BLANCO DENTADO TRIAL IPTT 47

YEAR: 1984 EXP. VARIETY: ACROSS 8447

COUNTRY-SITE CODES

20712 - MEXICO TLALTIZAPAN
20711 - MEXICO CD. OBREGON

PROG	KG/HA			DAYS TO SILK			PLANT HEIGHT		
	20712	20711	MEAN	20712	20711	MEAN	20712	20711	MEAN
2	10650	3826	7238	61	74	68	230	206	218
17	9963	5438	7701	61	77	69	209	166	187
18	10997	3608	7302	61	76	68	223	181	202
72	10316	3751	7033	58	76	67	223	170	196
107	10669	3667	7168	61	74	67	214	178	196
109	10515	4464	7489	62	77	69	219	170	194
121	11277	3458	7367	62	77	69	241	201	221
123	10239	3860	7049	61	74	67	234	188	211
205	9945	4043	6994	60	78	69	224	167	195
227	9795	4577	7186	61	76	68	208	182	195
SEL MEAN	10437	4069	7253	61	76	68	222	181	202
POP MEAN	8899	2986	5943	61	76	68	217	178	197
CHECK MEAN	7888	2660	5274	62	77	70	213	193	203
BEST CHECK	7979	4524	6251	63	76	69	215	200	208
CV	9.4	24.8	17.1						
LSD(5%)	1644	1455	1549						

TABLE: 86-P-84 POPULATION: COMP DE HUNGARIA TRIAL: IPTT 48

LOCATION : DHOLI INDIA EXP. VARIETY: DHOLI 844B

7CO-OPERATOR: DR. T. P. SINGH

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	PUCC	ENDO HARD	HELM TURC	PLANTS HARV	EAR ASPCT	PLANT ASPECT	ROOT LODG	STEM LODG
31	4574	6	111	120	42	2.0	3.0	1.5	16.3	2.5	2.8	0.0	0.0
89	4329	11	105	120	28	1.5	3.0	1.6	16.0	2.5	2.5	0.0	0.0
107	4413	8	111	114	39	2.2	3.0	1.5	15.4	2.5	2.8	0.0	3.5
127	4953	3	112	118	38	1.6	3.0	2.2	18.9	2.5	2.8	0.0	0.0
131	4405	9	111	134	38	2.0	3.0	1.1	15.6	2.5	2.8	3.0	0.0
155	5203	2	114	117	36	2.0	3.0	1.6	20.4	3.0	2.8	0.0	0.0
166	4351	10	106	108	19	1.6	3.0	3.5	15.3	2.5	2.5	7.0	6.5
195	5529	1	107	125	49	2.0	3.0	1.5	19.3	2.5	2.5	0.0	0.0
218	4568	7	103	98	33	1.6	3.0	1.5	13.5	2.5	2.5	0.0	0.0
242	4630	5	108	123	29	1.3	3.0	1.6	14.2	2.5	2.8	0.0	0.0
SEL MEAN	4696	-	109	117	35	1.8	3.0	1.8	16.5	2.5	2.7	1.0	1.0
POP MEAN	2656	-	107	104	29	1.9	3.0	2.0	11.7	3.0	2.7	1.4	2.1
POP RANGE	5529-	-	118-	134-	49-	3.5-	3.3-	3.6-	23.2-	3.8-	3.5-	25.0-	19.0-
	546	-	98	69	15	1.0	2.8	1.0	1.9	2.5	2.3	0.0	0.0
CHECK MEAN	2227	-	90	93	32	1.5	2.3	1.7	12.5	2.5	2.4	0.0	0.0
BEST CHECK	4697	-	108	99	28	2.0	2.5	2.0	26.1	2.5	2.8	0.0	0.0
C.V	32.6		1.9	14.0	31.8								
5% LSD	1706.0		4.0	28.7	18.2								

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

TABLE: 87-P-84 POPULATION: COMP DE HUNGARIA TRIAL: IPTT 48

YEAR: 1984 EXP. VARIETY: ACROSS 8448

COUNTRY-SITE CODES

20712	- MEXICO	TLALTIZAPAN
519 3	- TURKEY	ANTALYA
807 5	- PAKISTAN	ISLAMABAD
210 3	- U. S. A.	EL PASO
804 7	- INDIA	DHOLI

PROG	KG/HA						DAYS TO SILK						PLANT HEIGHT						
	20712	51903	80705	21003	80407	MEAN	20712	51903	80705	21003	80407	MEAN	20712	51903	80705	21003	80407	MEAN	
31	8317	7265	4307	5231	4574	5939	54	53	52	69	111	68	185	235	225	213	120	196	
54	7875	6745	3821	5553	4289	5656	54	53	52	70	109	68	195	250	243	229	105	204	
87	8221	7137	6693	4033	3068	5830	52	52	53	64	106	65	190	230	223	213	113	194	
90	7125	7855	4580	5356	1397	5262	55	53	51	68	111	68	198	238	243	229	102	202	
103	8337	7147	3547	3853	3676	5312	54	53	52	69	108	67	190	233	225	213	89	190	
120	8853	8016	5623	4893	3533	6184	58	56	54	67	114	70	203	243	223	198	120	197	
152	8089	7141	4206	5273	3088	5559	57	56	55	67	111	69	190	245	233	213	88	194	
176	9759	8068	6106	3668	3266	6181	55	54	53	65	108	67	205	225	243	213	120	201	
195	9518	7510	4431	4289	5529	6255	56	56	54	64	107	67	190	220	225	213	125	195	
240	8379	8526	3480	4552	2774	5538	53	53	53	69	113	68	190	243	225	213	103	195	
SEL MEAN		8451	7539	4679	4670	3519	5772	55	54	53	67	110	68	194	236	223	215	108	197
POP MEAN		7032	5978	3205	4355	2666	4647	54	53	52	67	107	67	184	221	213	210	104	188
CHECK MEAN		6468	7794	3674	0	2227	5041	52	56	55	0	90	63	177	244	225	0	93	184
BEST CHECK		8157	9250	5365	0	4697	6869	57	55	54	0	108	67	188	245	220	0	99	188
CV %		11.8	18.1	25.0	0.0	32.6	21.9												
LSD(5%)		1634	2145	1585	0	1706	1768												

TABLE: 88-P-84 POPULATION: POP.66(YL DENT SEM) TRIAL: IPTT 66

LOCATION : EL VALLECITO BOLIVIA EXP. VARIETY: EL VALLECITO 8466

9CO-OPERATOR:KATRIN L. DE COSTAS, I.T.A. EL VALLECITO, UAGRM

PROG NO	KG/HA	RANK	DAYS STLK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	CURV	PUCC	ENDO HARD	HELM	PLANTS HARV
23	4831	19	60	177	85	0.0	0.0	2.5	1.0	1.0	2.0	1.0	19.0
28	4961	8	57	167	72	0.0	0.0	5.1	1.0	1.0	2.0	1.0	20.0
52	5243	4	57	179	91	0.0	0.0	8.3	1.5	1.0	2.5	1.0	21.5
70	4966	13	57	173	78	0.0	0.0	5.0	1.0	1.0	2.0	1.0	21.5
73	4834	11	57	166	74	0.0	0.0	4.8	1.5	1.0	2.0	1.0	21.5
96	4777	21	54	167	73	0.0	0.0	2.5	1.0	1.0	2.0	1.0	19.5
108	4836	15	58	167	73	0.0	0.0	4.8	1.0	1.0	2.0	1.0	22.0
113	4805	20	57	165	78	0.0	0.0	4.8	1.0	1.0	2.5	1.0	21.0
134	4832	17	57	156	63	4.5	0.0	0.0	1.0	1.0	3.0	1.0	21.5
155	5113	6	41	152	67	2.3	4.5	7.9	1.0	1.0	2.0	1.0	22.0
SEL MEAN	4915	-	57	167	74	0.7	0.4	4.6	1.1	1.0	2.2	1.0	21.0
POP MEAN	3792	-	55	161	69	0.7	0.4	9.2	1.1	1.0	2.4	1.1	19.7
POP RANGE	5723-	-	43-	130-	91-	9.3-	10.0-	51.8-	3.0-	2.5-	3.5-	1.5-	22.0-
	1473	-	54	131	41	0.0	0.0	0.0	1.0	1.0	1.0	1.0	12.0
CHECK MEAN	3946	-	62	174	79	0.5	0.0	7.9	1.1	1.1	2.2	1.0	19.8
BEST CHECK	4762	-	64	188	91	5.3	0.0	2.3	1.0	1.0	3.5	1.0	20.5
C.V.	22.1		7.0	7.6	13.6								
DF LSD	1532.5		3.4	24.0	18.7								

BEST CHECK:COPANO AMARILLO
OTHER CHECKS:DEKALB 870, AMARILLO CRISTALINO, DEKALB 560, TUXP. 1HEOZ, SUWAN-SAAVEDRA

TABLE: 89-P-84 POPULATION: POP.66(YL DENT CPM) TRIAL: IPTT 66

LOCATION : PICHILINGUE ECUADOR EXP. VARIETY: PICHILINGUE 8466

ICO-OPERATOR:ING. SANTIAGO CRESPO C.

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	CURV	ROYA	ENDO HARD	HELM	PLANTS HARV	EAR ASPCT	%BAD H.C.
23	6996	21	51	260	143	2.5	3.0	2.0	3.0	2.5	21.0	3.0	0.0
37	6673	28	55	255	123	7.8	3.0	2.5	2.5	3.0	20.0	3.0	7.8
41	6972	29	54	259	142	7.1	3.0	2.0	2.5	2.5	20.5	2.5	4.9
51	7487	10	57	259	140	6.9	2.5	2.0	2.0	2.5	22.0	3.0	6.8
60	6776	32	56	278	141	7.5	2.5	2.0	3.5	2.0	20.0	2.5	2.4
128	6962	24	55	270	153	5.3	3.0	2.0	3.0	2.5	20.5	2.5	5.0
167	7196	19	55	271	146	5.6	3.0	2.0	3.5	2.0	19.5	2.5	2.5
169	7495	11	54	246	143	4.8	2.0	1.5	2.0	2.0	21.5	3.0	12.1
202	6699	27	52	255	130	5.3	3.0	2.0	3.0	2.5	19.5	3.0	10.0
205	6934	30	53	265	141	4.8	3.0	2.0	3.5	2.5	22.0	3.0	0.0
SEL MEAN	7038	-	54	262	141	5.5	2.9	2.0	2.8	2.4	20.6	2.8	5.2
POP MEAN	5605	-	54	258	136	6.7	3.0	2.0	3.2	2.4	19.5	3.1	6.6
POP RANGE	3471-	-	60-	313-	165-	32.2-	4.0-	2.5-	4.5-	3.0-	22.0-	4.0-	31.3-
	2697	-	50	204	110	0.0	2.0	1.5	2.0	1.5	14.0	2.0	0.0
CHECK MEAN	5438	-	57	279	143	9.8	3.1	2.0	2.8	2.6	16.0	3.0	4.0
BEST CHECK	7591	-	57	294	150	7.0	2.5	2.0	2.5	2.0	20.0	2.5	9.1
C.V.	14.7		2.0	5.6	6.9								
5% LSD	1630.5		2.3	29.3	18.3								

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

TABLE: 90-P-84 POPULATION: POP. 66(YL DENT GPM) TRIAL: IPTT 66

LOCATION : GUARARE PANAMA EXP. VARIETY: GUARARE (1) 8466

7CO-OPERATOR: DANIEL F. PEREZ, ALFONSO ALVARADO, IDIAR

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	HELM MAYD	PUCC	PLANTS HARV	EAR ASPCT	%BAD H. C.	PLANT ASPECT
4	5173	7	54	204	111	11.9	11.1	2.5	2.0	21.0	2.0	6.7	2.0
47	5199	6	54	207	109	14.1	11.6	2.0	2.0	21.5	2.0	9.2	2.0
52	4663	36	54	218	116	15.8	2.8	2.0	2.5	19.5	2.0	7.8	2.0
61	5764	1	54	203	105	12.3	4.5	2.0	2.5	20.5	2.0	2.3	2.0
70	4628	39	54	226	121	7.5	7.5	2.0	2.0	20.0	2.0	5.0	2.0
85	5292	5	54	217	124	9.4	8.7	2.0	2.5	21.5	2.0	4.3	2.0
135	5489	2	54	199	101	15.0	5.6	2.0	2.5	20.0	2.0	5.6	2.0
152	5073	11	54	206	115	14.8	7.5	2.0	2.0	21.0	2.0	6.8	2.0
187	5143	10	54	210	107	11.4	7.1	2.0	2.0	22.0	2.0	7.1	2.0
240	4525	57	54	206	111	14.3	9.8	2.0	2.0	21.0	2.0	4.9	2.0
SEL MEAN	5095	-	54	210	112	12.7	7.6	2.0	2.2	20.8	2.0	6.0	2.0
POP MEAN	4034	-	54	209	111	12.3	11.8	2.1	2.1	21.0	2.0	6.5	2.0
POP RANGE	5764-	-	54-	241-	130-	24.6-	31.7-	2.5-	3.0-	22.5-	3.5-	20.0-	2.5-
	2122	-	54	164	92	4.8	0.0	2.0	2.0	18.0	2.0	0.0	2.0
CHECK MEAN	4545	-	54	214	111	16.7	3.4	2.1	2.1	19.5	2.1	7.2	2.0
BEST CHECK	5441	-	54	215	111	17.2	5.1	2.5	2.5	20.0	2.0	5.1	2.0
C.V	14.3		0.0	6.3	7.3								
5% LSD	1133.4		0.0	25.8	20.2								

BEST CHECK: X-5900 OTHER CHECKS X-3090, XOMO-3, X-3048, ACROSS 7726, X-3040

TABLE: 91-P-84 POPULATION: POP.66(YL DENT QPM) TRIAL: IPTT 66

LOCATION : DELHI INDIA EXP. VARIETY: DELHI 8466

1CO-OPERATOR:DIRECTOR, N.B.P.G.R.

PROG NO	KG/HA	RANK	DAYS SILK	PLANTS HARV	EARS/ PLNT	
15	1451	13	54	11.0	1.0	
89	1555	4	54	11.5	1.0	
104	1589	2	55	12.0	1.2	
110	1429	17	55	10.0	1.0	
145	1629	1	54	13.5	0.9	
148	1503	8	51	11.0	1.1	
194	1404	19	54	14.5	0.9	
213	1429	16	54	13.0	1.0	
214	1548	5	55	12.5	1.0	
240	1389	20	54	12.5	0.9	
SEL MEAN	1492	-	54	12.1	1.0	
POP MEAN	1108	-	54	12.5	0.9	
POP RANGE	1629-	-	62-	18.5-	1.8-	
	268	-	49	7.5	0.4	
CHECK MEAN	1041	-	55	12.3	0.9	
BEST CHECK	1512	-	56	17.0	0.7	
C.V.	22.2		3.9	18.1		21.3
5% LSD	485.0		4.2	4.4		13.0

BEST CHECK:GANGA 2
OTHER CHECKS:DECCAN 103, SO/SN COMP., GANGA 5, SHEKTI, LOCAL CHECK

TABLE: 92-P-84 POPULATION: POP.66(YL CENT CPM) TRIAL: IPTT 66

YEAR: 1984 EXP. VARIETY: ACROSS 8466

COUNTRY-SITE CODES

204 1 - EL SALVADOR SAN ANDRES
205 2 - GUATEMALA LA MAQUINA
209 7 - PANAMA GUARARE
804 1 - INDIA DELHI
102 9 - BOLIVIA EL VALLECITO
106 1 - ECUADOR PICHILINGUE

PROG	KG/HA							DAYS TO SILK							PLANT HEIGHT					
	20401	20502	20907	80401	10209	10601	MEAN	20401	20502	20907	80401	10209	10601	MEAN	20401	20502	20907	10209	10601	MEAN
4	4739	5420	5173	1322	4755	6476	4649	57	53	54	53	62	56	56	241	220	204	164	259	218
25	5976	5681	4736	1351	4142	4844	4455	56	52	54	55	60	55	55	239	230	225	157	256	221
72	6429	4620	4034	1156	4430	6467	4522	56	52	54	52	57	54	54	253	225	218	170	273	228
113	6013	5499	4545	752	4805	5591	4534	53	49	54	56	57	50	53	218	218	202	165	251	211
135	6381	6129	5439	960	4097	5765	4804	53	50	54	55	58	54	54	234	233	199	159	258	216
136	5436	5919	4840	695	3662	7195	4625	55	51	54	55	57	52	54	221	223	208	157	270	216
142	6124	4954	4680	978	4590	6631	4659	55	50	54	54	58	53	54	245	233	203	162	266	222
159	5663	4033	4704	938	4273	7096	4451	56	52	54	54	59	54	55	215	200	212	157	253	207
170	5834	4654	4300	1272	3714	5742	4519	56	51	54	55	60	54	55	243	225	208	155	251	216
240	6268	5209	4525	1389	3546	7639	4766	55	52	54	54	61	54	55	244	223	206	162	252	217
SEL MEAN		5688	5212	4753	1081	4202	5445	4598	55	51	54	54	59	53	54	235	223	209	161	
POP MEAN		4903	4001	4022	1110	3739	5609	3889	55	52	54	54	59	54	55	229	222	209	160	
CHECK MEAN		5436	3819	4545	1041	3946	5438	4037	58	52	54	55	62	57	56	264	215	214	0	
BEST CHECK		6226	4816	5441	1516	4362	7691	5109	58	54	54	56	64	57	57	283	213	215	0	
CV		16.9	18.6	14.3	22.2	22.1	14.7	18.1												
LSD(5%)		1604	1459	1133	435	1653	1621	1326												

TABLE: 93-P-84 POPULATION: POP. 68(TEM BL DE GPM TRIAL: IPTT 68

LOCATION: IBOPERENDA BOLIVIA EXP VARIETY: IBOPERENDA B468

7CO-OPERATOR: ALBERTO HINOJOSA PADILLA, CORDECH

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	ENDO MARD	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT
17	9369	12	61	210	108	3.8	3.8	6.6	2.0	18.4	1.0	1.5	1.1
68	9075	20	60	192	102	0.0	0.0	27.4	2.0	19.1	2.0	1.0	1.1
81	8652	25	59	189	95	5.6	0.0	19.2	2.0	19.0	1.0	1.5	1.0
90	9961	4	62	201	104	0.0	0.0	20.0	2.5	18.8	2.5	1.0	1.5
111	9080	19	59	190	88	4.8	0.0	16.3	2.0	19.6	1.0	1.0	1.2
120	8784	22	59	202	98	5.2	0.0	26.8	2.0	18.6	1.5	1.5	1.1
201	9586	8	60	183	83	0.0	0.0	4.4	2.0	20.0	1.0	1.0	1.1
221	9335	14	59	202	100	0.0	0.0	18.4	2.0	18.7	1.5	1.5	1.3
229	10133	2	61	197	99	0.0	0.0	11.5	2.0	19.8	1.0	1.0	1.1
233	8853	21	60	181	87	2.3	2.5	25.9	2.0	20.1	2.0	1.0	1.1
SEL MEAN	9283	-	60	195	96	2.2	0.6	17.6	2.0	19.2	1.5	1.2	1.2
POP MEAN	7122	-	60	193	95	5.0	0.3	23.7	2.0	18.2	2.0	1.4	1.1
POP RANGE	10161-	-	66-	231-	124-	36.1-	11.1-	66.7-	3.0-	22.1-	3.5-	3.0-	1.6-
	4055	-	58	148	62	0.0	0.0	0.0	1.5	10.7	1.0	1.0	0.7
CHECK MEAN	8504	-	68	214	114	2.4	0.0	9.9	1.4	18.7	1.8	1.0	1.3
BEST CHECK	9573	-	70	212	108	7.1	0.0	8.8	2.0	19.6	2.0	1.0	1.5
C.V.	22.9		2.4	8.2	14.6								
5% LSD	3214.9		2.8	31.3	27.3								

BEST CHECK: IBOP 6 OTHER CHECKS IBOP 5, IBOP 9, IBOP 8, IBOP 2, IBOP 7

TABLE: 94-P-84 POPULATION: POP.68(TEM BL DE QPM TRIAL: IPTT 68

LOCATION : DELHI INDIA EXP. VARIETY: DELHI 8468

1CO-OPERATOR:DIRECTOR, N.B.P.G.R.

PROG NO	KG/HA	RANK	DAYS SILK	PLANTS HARV	EARS/ PLNT	
7	3548	8	52	13.0	0.9	
9	3705	3	52	12.5	0.9	
32	3286	15	55	11.0	0.8	
81	3243	19	53	10.0	0.9	
82	3623	4	53	12.0	0.8	
171	3431	10	54	14.5	1.0	
190	3285	17	50	13.0	0.8	
217	3812	1	51	11.0	0.9	
245	3708	2	50	12.5	0.9	
249	3227	21	51	14.0	0.9	
SEL MEAN	3487	-	52	12.4	0.9	
POP MEAN	2481	-	53	12.9	0.9	
POP RANGE	3812-	-	60-	20.0-	1.6-	
	1231	-	47	5.0	0.4	
CHECK MEAN	2342.	-	54	10.9	0.8	
BEST CHECK	3285	-	52	10.0	0.7	
C.V.	24.5		5.7	21.4		17.4
5% LSD	1196.9		6.0	5.5		8.5

BEST CHECK:SHAKTI
OTHER CHECKS:GANGA 5, LOC. CHECK, 50/SN, GANGA 2, DECCAM 103

TABLE: 95-P-84 POPULATION: POP.68(TEM BL DE QPM TRIAL: IPTT 68

YEAR: 1984 EXP. VARIETY: ACROSS 8468

COUNTRY-SITE CODES

20712	- MEXICO	TLALTIZAPAN
620 3	- SENEGAL	NIORO
804 1	- INDIA	DELHI
10334	- BRAZIL	CRUZ ALTA
102 7	- BOLIVIA	IBOPERENDA

PROG	KG/HA						DAYS TO SILK						PLANT HEIGHT				
	20712	62003	80401	10334	10207	MEAN	20712	62003	80401	10334	10207	MEAN	20712	62003	10207	MEAN	
29	9096	1960	2215	4946	9902	5624	55	49	57	62	60	57	223	127	214	188	
43	8856	2191	3033	7273	8568	5992	56	54	53	60	60	56	220	114	189	174	
74	9462	1510	2898	8242	8497	6122	59	52	56	62	60	58	225	115	191	177	
88	8221	1595	2478	6109	8466	5374	56	50	53	65	59	57	218	118	196	177	
90	10980	2319	3017	6497	9961	6555	57	50	49	60	62	55	225	128	201	185	
103	9774	1083	2139	7079	7393	5494	56	49	58	60	60	57	213	100	208	174	
135	8923	1731	1949	6788	7862	5451	57	48	53	60	60	56	233	150	200	194	
144	8643	1013	3003	6982	7779	5484	56	48	53	59	62	55	233	147	205	195	
202	8505	2752	2347	6400	9008	5602	56	51	51	60	61	56	210	108	183	167	
210	8802	2130	2417	6788	7451	5517	57	52	52	65	60	57	218	131	204	181	
SEL MEAN		9130	1828	2550	6710	8389	5721	57	50	53	61	60	56	222	124	199	181
POP MEAN		8129	1472	2484	5025	7089	4840	57	50	53	63	60	56	217	121	193	177
CHECK MEAN		9238	862	2342	5931	8504	5375	58	0	54	73	68	63	216	115	0	0
BEST CHECK		10838	1486	3285	5600	9573	6956	61	0	52	73	70	64	228	120	0	0
CV		9.4	39.0	24.5	29.1	22.9	20.0										
LSD(5%)		1505	1120	1197	2892	3215	1986										

TABLE: 96-P-84 POPULATION: POP 70(TEM AM DE QPM TRIAL: IPTT 70

LOCATION CAMPICHUELO ARGENTINA EXP. VARIETY CAMPICHUELO 8470

BCO-OPERATOR ING NESTOR P. BARACCO, COMPANIA CONTINENTAL

PROG NO	KG/HA	RANK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	PLANTS HARV	PLANT ASPECT
6	5129	24	52	270	120	4.2	23.5	3.5
25	5199	20	52	255	105	2.5	19.0	3.5
54	5496	11	55	265	110	7.7	25.0	3.0
65	5308	18	54	270	100	2.9	15.5	3.5
81	5382	14	53	240	100	4.2	23.0	3.0
110	5115	26	52	260	115	2.5	20.5	3.0
145	5858	8	54	265	105	8.7	22.0	3.0
163	6675	3	54	245	120	15.2	23.0	3.0
184	5449	12	54	265	105	9.7	21.0	3.5
219	5767	9	53	275	120	15.2	23.0	3.0
SEL MEAN	5538	-	53	261	110	7.3	22.0	3.2
POP MEAN	4028	-	53	256	107	9.5	21.1	3.6
POP RANGE	6675-	-	56-	300-	135-	42.5-	25.0-	4.5-
	1582	-	48	205	75	0.0	14.0	2.5
CHECK MEAN	5942	-	55	295	142	5.9	20.4	3.0
BEST CHECK	8495	-	56	300	135	0.0	23.5	2.0
C.V	22.5			6.8	12.1		9.9	
5% LSD	1784.1			34.4	25.7		4.1	

BEST CHECK CARGILL T-228 OTHER CHECKS CARGILL T-226, LEALES 25, LEALES 25, CARGILL T-226, CARGILL

TABLE: 97-P-84 POPULATION: POP.70(TEM AM DE 2PM TRIAL: IPTT 70

LOCATION : DELHI INDIA EXP. VARIETY: DELHI 8470

1CO-OPERATOR:DIRECTOR, N.B.P.G.R.

PROG NO	KG/HA	RANK	DAYS SILK	PLANTS HARV	EARS/ PLNT
14	3250	18	55	14.0	0.8
26	3114	24	57	15.0	0.9
33	7031	1	55	13.5	1.0
99	3118	23	53	14.0	1.0
126	3291	14	56	14.0	0.9
129	4646	2	57	11.5	1.0
138	3139	22	56	14.0	1.0
196	3405	8	57	12.0	1.0
201	3518	5	54	13.0	0.9
222	3254	17	56	16.0	0.9
SEL MEAN	3777	-	56	13.7	0.9
POP MEAN	2525	-	55	12.8	0.9
POP RANGE	7031-	-	67-	23.0-	4.3-
	1006	-	26	5.5	0.0
CHECK MEAN	2659	-	53	11.9	1.0
BEST CHECK	2933	-	61	15.0	1.0
C.V.	34.7		11.8	21.3	22.2
5% LSD	1725.7		12.8	5.4	8.3

BEST CHECK:GANGA 103
OTHER CHECKS:SHAKTI, 50/SN, LOCAL CHECK, GANGA 2, GANGA 5

TABLE: 98-P-84 POPULATION: POP. 70(TEM AM DE QPM TRIAL: IPTT 70

YEAR: 1984 EXP. VARIETY: ACROSS 8470

COUNTRY-SITE CODES

20712	- MEXICO	TLALTIZAPAN
614 3	- UPPER VOLTA	KAMBOINSE
804 1	- INDIA	DELHI
10340	- BRAZIL	VILA VELHA
101 8	- ARGENTINA	CAMPICHUELO

PROG	KG/HA						DAYS TO SILK						PLANT HEIGHT				
	20712	61403	80401	10340	10108	MEAN	20712	61403	80401	10340	10108	MEAN	20712	61403	10340	10108	MEAN
14	9218	2204	3250	5803	5103	5115	55	55	55	71	53	58	228	133	193	280	208
16	8893	2342	2533	5992	4678	4888	54	53	57	70	52	57	220	118	192	260	197
42	9518	2199	2968	4886	5123	4939	56	57	58	74	54	60	213	140	178	265	199
65	9768	2672	2816	5303	5308	5174	57	37	55	74	54	55	215	125	183	270	198
75	10046	2404	2370	6621	5312	5350	57	36	62	76	53	57	218	140	204	270	208
140	9233	2089	2977	5828	5065	5038	57	61	52	73	53	59	208	143	178	280	202
142	10073	5122	2650	4737	4937	5504	56	56	55	74	55	59	215	158	174	240	197
163	9593	2009	1941	4728	6675	4989	56	59	54	74	54	59	220	143	188	245	199
219	8949	2758	2333	5360	5767	5033	54	58	55	71	53	58	228	128	197	275	207
250	9474	2198	3068	5179	5113	5006	55	66	52	74	53	60	225	123	196	270	203
SEL MEAN		9476	2600	2691	5444	5308	5104	56	54	55	73	53	58	219	135	188	266	202
POP MEAN		8157	2537	2522	4654	3982	4370	55	55	55	71	53	58	215	133	183	255	196
CHECK MEAN		8425	2457	2659	7368	5942	5370	56	50	53	79	55	58	215	125	0	220	295
BEST CHECK		9469	3712	2933	8104	8495	6542	56	56	61	81	56	62	218	120	0	255	300
CV		8.9	36.4	34.7	13.3	22.5	23.2										
LSD(5%)		1433	1818	1726	1237	1784	1600										

Tables Summarizing Final 1984 Results
Experimental Variety Trials (EVTs)
(Resumen de los resultados finales
de los Ensayos de Variedades Experimentales (EVT), 1984)

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EVT12A YEAR 1984 BOLIVIA IBOPERENDA

CO-OPERATOR:ALBERTO MINOJOSA PADILLA

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS STLK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
8 Ferke	8243	7604	125	69	220	119	2.0	9.0	36.8	1.8	1.0	1.0	25.8
1 Potchefstroom	8121	7226	119	67	195	99	2.8	5.6	35.5	1.9	1.5	1.1	22.0
12 Sta. Rosa (1)	8243	7313	120	69	230	120	6.1	11.2	33.0	1.9	1.0	1.1	21.2
7 Catacamas (1)	8243	7270	119	69	222	120	5.6	12.5	35.5	1.5	1.0	1.1	24.5
14 Across	8243	7095	116	69	203	103	4.1	6.2	36.5	1.8	1.3	1.0	24.1
3 Palmira	8129	6872	113	67	195	103	4.2	12.0	35.9	2.0	1.5	1.0	25.5
5 Across	8129	6692	110	65	195	99	4.6	12.2	33.5	2.3	1.5	1.2	22.3
2 El Plantel(1)	8129	6594	109	67	195	95	1.5	12.6	36.5	2.3	1.5	1.1	22.3
10 Ikenne	8243	6552	107	69	215	110	2.1	10.5	36.5	2.3	1.0	1.1	22.6
4 Palmira (1)	8129	6246	103	63	188	93	4.9	10.0	35.8	2.0	1.5	1.1	22.0
9 Ferke (1)	8243	6265	103	69	215	113	4.3	5.9	34.0	2.3	1.3	1.1	22.7
6 Catacamas	8243	6242	102	65	213	113	2.3	14.6	37.5	2.3	1.0	1.0	23.5
16 Across	7729RE	6082	100	68	190	95	5.6	5.3	33.5	2.3	1.6	1.0	23.7
13 Suwan	8243	6074	100	69	220	115	3.2	9.9	33.5	2.8	1.3	1.1	21.6
15 Across	7622RE	5952	99	69	200	103	3.5	12.4	36.0	2.9	1.3	1.0	22.4
11 Ikenne (1)	8243	5681	93	69	213	110	4.4	8.9	34.5	2.5	1.5	1.1	21.4
	MEANS	6525	109	66	207	106	3.9	10.2	35.3	2.1	1.3	1.1	22.0
	MAXIMUM	7604	125	69	230	120	6.1	14.6	37.5	2.8	1.6	1.2	25.8
	MINIMUM	5681	93	67	185	95	1.5	5.4	33.0	1.5	1.0	1.0	21.2
CHECKS (TESTIGOS):													
17 TUXP. 1 IBOP.		6105	-	68	195	99	2.1	6.4	35.5	1.5	1.8	1.0	23.5
18 LA POSTA IBOP.		5715	-	69	209	105	1.3	10.7	34.9	2.3	1.8	1.1	25.6
CHECK MEANS		5909	-	68	202	101	1.7	3.6	35.1	1.9	1.8	1.0	24.5
	5% LSD	2263.6		1.2	18.2	14.4			4.8				3.2
	C.V.	24.4		1.3	6.2	9.5			9.5				9.7

TABLE 119-V-84

EVT12A YEAR 1984 COLOMBIA CIAT

CO-OPERATOR: G. GRANADOS, S. PANDEY

ENTRY NO /PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	STEM LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
2 El Plantel(1) 8129	6947	105	59	3.8	4.2	39.8	2.9	1.0	20.6
9 Ferke (1) 8243	6666	101	61	2.4	3.7	40.3	2.6	1.0	21.4
13 Suwan 8243	6537	99	60	3.0	4.7	40.8	3.0	1.1	21.1
15 Across 7622RE	6441	97	59	0.0	3.1	38.3	3.3	1.1	20.5
12 Sta. Rosa (1) 8243	6215	94	61	2.5	6.5	40.0	2.9	1.0	22.2
14 Across 8243	6199	93	60	7.6	3.6	40.5	2.8	1.0	20.9
11 Ikenne (1) 8243	6126	92	61	9.2	7.4	41.5	2.9	1.0	20.9
8 Ferke 8243	6085	92	60	2.7	5.6	36.8	2.8	1.1	21.6
7 Catacamas (1) 8243	6008	91	61	2.7	6.0	35.3	2.9	1.0	23.7
3 Palmira 8129	5765	87	59	4.3	3.4	37.3	2.9	1.0	21.5
10 Ikenne 8243	5673	86	60	5.6	3.2	38.0	3.0	1.0	22.2
5 Across 8129	5607	85	59	4.0	5.4	37.0	2.9	1.0	19.8
16 Across 7729RE	5519	83	60	2.5	5.7	40.0	3.1	1.0	22.1
4 Palmira (1) 8129	5506	83	59	2.1	9.6	36.5	3.0	1.0	22.4
6 Catacamas 8243	5386	81	61	3.6	8.2	34.8	3.0	1.0	20.3
1 Potchefstroom 8121	4846	73	60	2.3	4.4	35.3	2.9	1.0	21.6
MEANS	5970	90	60	3.6	5.3	38.2	2.9	1.0	21.4
MAXIMUM	6947	105	61	9.2	9.6	41.5	3.3	1.1	23.7
MINIMUM	4846	73	59	0.0	3.1	34.8	2.6	1.0	19.8
CHECKS (TESTIGOS).									
17 SUWAN-LA POSTA B C12	6631	-	58	7.1	2.8	38.0	2.6	1.0	21.3
18 ICA 240	5923	-	61	11.7	1.5	31.8	2.6	1.0	24.8
CHECK MEANS	6277	-	59	9.4	2.1	34.9	2.6	1.0	23.1
5% LSD	1393.8		1.5			5.1			2.7
C.V.	16.4		1.8			9.4			8.7

TABLE: 120-V-84

EVT12A YEAR 1984 EL SALVADOR SAN ANDRES(2)

CO-OPERATOR:RUTILIO MENA, CENTA

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	STUNT %	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
1 Potchefstroom 8121	6253	106	56	236	135	3.9	2.8	11.3	13.8	43.5	2.5	10.2	2.5	1.0	34.8
12 Sta. Rosa (1) 8243	6161	104	58	281	151	5.5	3.1	11.3	12.2	41.3	2.5	10.1	3.3	1.0	36.1
14 Across 8243	6065	103	59	277	142	5.9	7.1	10.4	13.9	41.5	2.5	14.3	3.3	1.0	35.6
3 Palmira 8129	5782	98	56	232	121	1.2	0.0	14.9	21.2	42.3	3.0	19.1	2.5	0.9	35.5
16 Across 7729RE	5713	97	56	260	136	2.4	3.3	13.4	21.4	42.3	2.8	10.8	2.8	0.9	36.9
7 Catacamas (1) 8243	5709	97	58	268	136	0.6	4.2	8.6	20.3	42.0	2.8	11.1	2.8	1.0	36.6
8 Ferke 8243	5676	96	57	267	145	6.0	3.6	14.9	19.5	38.0	2.8	8.3	3.5	1.0	35.3
9 Ferke (1) 8243	5521	93	55	232	120	3.8	2.4	13.2	19.3	41.8	2.8	14.1	3.0	0.9	34.8
10 Ikenne 8243	5497	93	58	247	132	5.3	2.5	18.1	19.7	42.0	2.8	18.0	3.0	1.0	34.6
4 Palmira (1) 8129	5304	90	57	245	134	1.8	1.3	16.1	18.6	41.8	3.0	9.1	2.8	0.9	35.1
11 Ikenne (1) 8243	5296	90	59	260	142	[illegible]	1.6	18.2	19.9	41.0	3.0	14.5	2.8	1.0	35.3
2 El Plantel(1) 8129	5243	89	57	232	114	2.4	0.6	17.6	23.7	40.5	3.0	14.0	3.3	0.9	33.7
15 Across 7622RE	5034	85	58	27[illegible]	146	3.7	2.[illegible]	24.3	21.4	40.3	3.0	10.4	3.0	1.0	37.1
6 Catacamas 8243	4933	83	57	238	136	3.1	1.9	13.0	19.4	40.0	2.8	6.8	3.3	0.9	35.2
5 Across 8129	4925	83	58	247	130	5.6	0.6	7.8	22.3	38.5	2.8	17.6	3.3	0.9	36.4
13 Suwan 8243	4788	81	59	267	131	7.5	7.7	17.0	19.2	40.5	3.3	16.3	3.3	0.9	38.0
MEANS	5494	93	57	254	134	4.0	3.1	14.4	19.1	41.1	2.8	12.8	3.0	0.9	35.7
MAXIMUM	6253	106	59	281	151	7.5	8.3	24.3	23.7	43.5	3.3	19.1	3.5	1.0	38.0
MINIMUM	4788	81	55	232	114	0.6	0.0	7.8	12.2	38.0	2.5	6.8	2.5	0.9	33.7
CHECKS (TESTIGOS):															
18 HE-33	5916	-	57	272	140	4.7	5.5	11.1	9.0	37.3	2.5	12.0	2.5	1.0	34.9
17 HE-20	5802	-	57	287	150	3.3	8.2	10.4	13.7	38.5	2.5	12.1	3.0	1.0	34.9
CHECK MEANS	5859	-	57	279	144	4.0	6.8	10.7	11.3	37.9	2.5	12.1	2.8	1.0	34.9
5% LSD	1056.3		2.8	36.6	28.2					3.9					3.3
C.V.	13.4		3.5	10.1	14.7					6.8					6.6

TABLE: 121-V-84

EVT12A YEAR 1984 MEXICO CD. OBREGON

CO-OPERATOR:ANGEL SOQUI, OSCAR COTA, INIA-CIANO

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT	MOIST %
14 Across	8243	8297	100	86	256	159	0.0	1.7	1.6	42.8	4.3	19.2	1.0	17.6
13 Suwan	8243	8002	96	84	251	145	0.0	0.6	2.8	44.0	4.0	27.8	1.0	16.7
15 Across	7622RE	7793	93	82	241	153	1.8	1.7	2.2	43.3	4.3	21.1	1.0	17.5
16 Across	7729RE	7695	92	84	239	143	0.6	2.4	2.0	43.0	4.1	18.8	1.1	16.2
2 El Plantel(1)	8129	7658	92	80	218	120	0.0	1.1	1.8	44.3	4.0	31.3	1.0	16.6
5 Across	8129	7654	92	81	230	123	0.5	2.9	1.0	43.5	4.0	13.5	1.1	16.7
1 Potchefstroom	8121	7562	91	84	220	115	0.0	5.8	1.8	42.3	4.0	21.6	1.0	17.4
11 Ikenne (1)	8243	7560	91	86	249	163	1.2	4.1	2.1	42.8	3.8	23.8	1.0	16.6
10 Ikenne	8243	7534	90	86	254	156	0.6	5.1	5.2	43.5	3.9	18.5	1.0	17.4
3 Palmira	8129	7527	90	82	229	134	0.0	4.7	1.8	43.0	3.6	21.8	1.0	19.1
9 Ferke (1)	8243	7511	90	88	250	141	2.5	3.1	1.8	40.8	3.8	25.2	1.1	16.6
12 Sta. Rosa (1)	8243	7487	90	87	245	136	3.6	2.4	0.5	42.3	3.5	22.4	1.0	17.1
4 Palmira (1)	8129	7485	90	83	213	123	0.6	2.8	2.3	44.3	3.6	17.0	1.0	17.2
6 Catacamas	8243	7394	89	85	241	141	0.6	1.8	0.6	41.5	4.0	15.9	1.0	18.5
8 Ferke	8243	7168	86	87	249	151	0.6	1.1	3.4	42.8	3.9	21.9	1.0	17.8
7 Catacamas (1)	8243	7133	86	88	253	150	0.0	3.4	0.7	43.5	4.1	27.1	0.9	16.3
	MEANS	7591	91	85	240	141	0.8	2.8	2.0	43.0	3.9	21.7	1.0	17.2
	MAXIMUM	8297	100	88	256	163	3.6	5.8	5.2	44.3	4.3	31.3	1.1	19.1
	MINIMUM	7133	86	80	219	115	0.0	0.6	0.5	40.8	3.5	13.5	0.9	16.2
CHECKS (TESTIGOS):														
18 V-526		8338	-	84	245	139	1.8	3.0	2.1	42.0	4.3	22.7	1.1	17.0
17 V-455		7281	-	83	235	130	1.3	5.9	6.1	39.5	4.0	44.4	1.0	18.2
CHECK MEANS		7809	-	83	240	134	1.6	4.4	4.1	40.8	4.1	33.5	1.1	17.6
	5% LSD	758.9		3.0	18.7	22.3				2.3				2.8
	C.V.	7.0		2.5	5.5	11.2				3.8				11.4

TABLE: 122-V-84

EVT12A YEAR 1984 MEXICO XALISCO(NAY)

CO-OPERATOR:ING. CARLOS AGUIRRE G., E.S.A, U.A.N

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	LEAF DIS.	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
9 Ferke (1)	8243	3282	149	74	206	102	5.7	4.6	1.8	3.0	21.8	2.3	9.9	1.8	1.2	21.7
8 Ferke	8243	3256	148	73	211	94	6.0	5.3	3.0	2.8	21.3	1.3	10.1	1.8	1.1	21.7
5 Across	8129	3090	141	69	160	76	12.3	7.8	4.0	2.8	21.5	1.5	13.0	2.3	1.1	17.4
10 Ikenne	8243	2879	131	73	197	95	7.7	5.1	3.9	3.3	20.5	2.3	11.3	3.3	1.0	16.9
6 Cat[illegible]as	8243	2836	129	71	208	99	8.9	6.3	6.2	2.8	20.8	1.8	13.5	2.3	1.1	20.7
15 Ac[illegible]	7622RE	2811	128	69	174	79	6.4	5.1	8.4	3.0	21.0	2.3	14.0	3.0	1.0	21.3
4 P[illegible]ira (1)	8129	2801	128	70	171	70	8.3	5.1	4.0	3.5	20.8	2.0	17.9	3.0	0.9	21.3
12 Sta. Rosa (1)	8243	2786	127	72	206	97	7.1	4.6	1.8	3.3	22.3	1.8	14.9	2.8	0.9	20.8
14 Across	8243	2770	126	73	203	100	14.4	12.6	1.7	2.8	15.0	1.8	12.0	2.5	2.2	20.2
16 Across	7729RE	2767	126	70	189	94	9.2	6.7	4.9	2.8	17.3	2.0	13.7	3.3	1.2	21.5
11 Ikenne (1)	8243	2707	123	74	195	91	8.2	6.9	3.4	2.3	19.3	1.3	16.3	2.8	1.2	21.4
2 El Plantel(1)	8129	2683	122	68	160	67	5.6	7.0	5.3	4.0	19.0	2.5	15.7	3.3	1.1	16.9
13 Suwan	8243	2612	119	72	190	85	9.0	6.1	3.2	3.0	16.8	2.5	16.1	2.8	1.1	20.9
3 Palmira	8129	2492	113	69	173	73	22.5	12.7	11.6	3.3	11.5	2.5	19.4	3.3	2.0	15.6
7 Catacamas (1)	8243	2432	111	73	194	91	7.2	6.2	3.9	2.3	19.8	2.0	18.9	2.5	0.9	23.9
1 Potchefstroom	8121	1314	60	69	162	67	14.0	8.9	1.7	4.3	13.0	2.8	18.5	3.5	1.0	20.4
MEANS		2720	124	71	189	86	9.6	6.9	4.3	3.0	18.8	2.0	14.7	2.7	1.2	20.2
MAXIMUM		3282	149	74	211	102	22.5	12.7	11.6	4.3	22.3	2.8	19.4	3.5	2.2	23.9
MINIMUM		1314	60	68	160	67	5.7	4.6	1.7	2.3	11.5	1.3	9.9	1.8	0.9	15.6
CHECKS (TESTIGOS):																
17 B-555		2196	-	70	179	70	9.5	10.5	2.7	2.5	14.8	2.0	17.0	3.5	1.1	24.4
18 H-503		1945	-	78	229	132	6.3	5.1	1.3	2.5	19.8	2.3	5.4	2.3	0.9	20.7
CHECK MEANS		2070	-	73	203	100	7.9	7.8	2.0	2.5	17.3	2.1	11.2	2.9	1.0	22.6
5% LSD		1280.5		2.3	20.4	12.4					9.1					1.7
C.V.		34.1		2.3	7.6	10.0					34.4					6.0

TABLE: 123-V-84

EVT12A YEAR 1984 MEXICO CONCORDIA, SIN.

CO-OPERATOR:MC. OSCAR PALACIOS VELARDE

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
10 Ikenne	8243	6211	106	55	223	121	1.1	1.7	17.6	2.0	42.8	1.8	3.0	1.0	28.6
14 Across	8243	6093	104	54	238	124	0.0	1.2	19.8	2.3	42.8	2.5	2.0	1.0	28.1
2 El Plantel(1)	8129	6005	103	53	204	99	0.6	2.4	17.9	2.3	43.5	2.5	2.5	1.0	29.9
15 Across	7622RE	5943	102	53	210	103	1.3	2.5	15.8	2.5	40.8	2.0	2.5	0.9	28.4
5 Across	8129	5722	98	54	198	101	1.2	2.3	22.5	2.5	43.0	2.3	2.8	0.9	29.5
6 Catacamas	8243	5519	94	55	223	117	0.0	2.9	22.6	2.0	43.0	2.5	3.3	0.9	28.6
16 Across	7729RE	5467	93	56	207	101	1.8	3.7	17.0	2.8	41.5	2.3	2.3	0.9	29.2
11 Ikenne (1)	8243	5442	93	[illegible]	225	119	3.1	2.5	15.9	2.0	41.0	2.3	3.0	0.9	27.9
3 Palmira	8129	5307	91	54	196	92	0.0	2.9	15.1	2.3	42.5	2.5	2.5	0.9	30.7
13 Suwan	8243	5197	89	54	222	116	0.6	3.7	25.2	2.0	40.8	2.5	2.8	0.9	31.1
12 Sta. Rosa (1)	8243	4964	85	56	221	122	0.6	2.3	20.2	2.0	42.0	2.8	2.5	0.9	30.5
7 Catacamas (1)	8243	4934	84	56	217	110	0.6	4.2	21.7	2.0	41.0	2.3	3.0	0.8	31.4
8 Ferke	8243	4891	84	56	216	116	0.0	4.6	25.7	2.0	38.8	3.0	3.0	0.9	29.1
9 Ferke (1)	8243	4858	83	57	213	111	1.2	4.9	21.6	2.0	41.3	2.5	2.5	0.8	30.5
4 Palmira (1)	8129	4684	80	52	197	92	1.7	2.4	18.0	2.5	42.3	3.0	3.0	0.8	27.0
1 Potchefstroom	8121	4275	73	57	206	101	1.4	0.7	20.5	2.5	39.0	2.5	2.8	0.8	27.9
	MEANS	5345	91	55	213	109	1.0	2.8	19.8	2.2	41.7	2.4	2.7	0.9	29.3
	MAXIMUM	6211	106	57	238	124	3.1	4.9	25.7	2.8	43.5	3.0	3.3	1.0	31.4
	MINIMUM	4275	73	52	196	92	0.0	0.7	15.1	2.0	38.8	1.8	2.0	0.8	27.0
CHECKS (TESTIGOS):															
17 V-526		5850	-	56	219	117	1.3	5.3	13.7	2.0	39.0	1.5	2.5	0.9	30.0
18 V-455		5752	-	54	204	108	1.8	2.4	14.6	2.0	42.8	2.3	2.3	0.9	29.6
CHECK MEANS		5801	-	54	211	112	1.6	3.8	14.1	2.0	40.9	1.9	2.4	0.9	29.8
	5% LSD	1086.2		1.9	19.1	13.1					2.5				2.9
	C.V.	14.2		2.5	6.3	8.5					4.3				7.0

TABLE: 124-V-84

EVT12A YEAR 1984 TOGO LOME

CO-OPERATOR:SO.TO.CO, I.R.A.T,

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	STREAK %	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT
2 El Plantel(1)	8129	5447	171	58	151	70	19.0	10.1	6.3	37.5	4.3	19.8	4.0	1.0
16 Across	7729RE	5362	168	61	161	74	23.8	11.5	7.0	36.0	4.3	18.0	3.8	1.0
13 Suwan	8243	5276	165	59	168	68	31.1	6.0	3.3	37.0	4.0	13.8	4.3	1.0
12 Sta. Rosa (1)	8243	5134	161	60	146	72	12.9	10.4	4.8	35.5	3.8	12.1	4.0	0.9
8 Ferke	8243	5077	159	58	172	87	20.3	7.4	2.0	39.8	4.5	9.1	4.8	0.9
11 Ikenne (1)	8243	5077	159	61	176	93	12.1	6.1	4.3	34.5	4.5	14.1	3.8	1.0
10 Ikenne	8243	4963	155	61	157	76	14.6	10.4	3.5	35.0	4.3	9.0	4.0	1.0
14 Across	8243	4906	154	58	161	77	11.1	6.2	3.0	38.3	3.8	9.1	4.0	0.9
15 Across	7622RE	4820	151	60	146	69	9.8	9.9	5.5	39.3	3.0	17.9	4.3	0.9
3 Palmira	8129	4763	149	59	144	60	19.9	11.5	6.3	32.5	4.0	21.1	3.8	1.0
9 Ferke (1)	8243	4763	149	60	164	79	5.6	4.9	6.3	37.5	4.0	9.8	4.3	1.0
5 Across	8129	4535	142	60	134	61	7.9	8.8	5.3	35.8	3.8	16.3	3.8	1.0
4 Palmira (1)	8129	4478	140	58	142	65	6.2	10.3	5.5	30.5	4.0	14.6	3.8	1.1
1 Potchefstroom	8121	4478	140	61	139	67	7.5	11.9	4.5	34.0	3.5	10.0	3.8	1.2
6 Catacamas	8243	3879	121	60	164	77	7.4	9.3	3.3	35.8	3.5	10.6	4.3	0.9
7 Catacamas (1)	8243	2966	93	60	156	75	6.2	1.4	3.5	34.3	3.5	12.9	4.0	0.8
MEANS		4745	149	60	155	73	13.5	8.5	4.6	35.8	3.9	13.6	4.0	1.0
MAXIMUM		5447	171	61	176	93	31.1	11.9	7.0	39.8	4.5	21.1	4.8	1.2
MINIMUM		2966	93	58	134	60	5.6	1.4	2.0	30.5	3.0	9.0	3.8	0.8
CHECKS (TESTIGOS):														
17 LOCAL CHECK 1		3194	-	54	153	59	15.4	6.1	5.3	20.8	4.0	12.5	3.0	1.1
18 LOCAL CHECK 2		3080	-	54	177	97	13.5	8.2	6.8	18.0	4.0	3.6	3.0	1.3
CHECK MEANS		3137	-	63	167	79	14.5	7.1	6.0	19.4	4.0	8.0	3.0	1.2
5% LSD		1515.3		2.3	24.9	21.7				6.2				
C.V.		24.9		2.7	11.2	20.8				12.8				

TABLE: 125-V-84

EVT12A YEAR 1984 KENYA M.I.P.S.

CO-OPERATOR:MR. J.E. BARAZA

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	HELM	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
6 Catacamas	8243	4963	129	63	180	87	5.2	5.0	10.6	1.3	41.8	2.0	10.8	1.5	1.0	13.6
12 Sta. Rosa (1)	8243	4376	126	62	183	99	3.0	11.9	10.5	1.5	41.5	2.5	19.1	2.0	1.0	13.8
13 Suwan	8243	4711	122	63	189	87	4.2	8.4	9.2	1.8	42.0	2.3	13.6	2.0	1.0	13.8
15 Across	762235	4692	121	60	175	86	5.2	22.1	15.0	1.5	39.8	2.3	19.2	2.5	1.1	13.4
10 Ikenna	8243	4668	121	63	186	94	5.0	16.1	12.2	1.8	40.5	2.0	15.1	2.3	1.1	14.2
8 Ferke	8243	4649	120	63	187	90	5.4	19.5	9.0	1.5	41.8	2.0	14.7	1.8	1.0	14.2
9 Ferke (1)	8243	4588	119	63	181	91	2.9	5.4	9.8	2.0	42.8	2.5	16.2	2.3	1.0	13.8
4 Palmira (1)	8129	4434	115	60	169	74	4.9	16.6	17.5	1.5	41.3	2.3	20.1	2.5	1.0	13.6
5 Across	8129	4426	114	61	161	76	7.0	15.4	15.7	1.3	38.8	3.0	16.8	3.3	1.1	13.4
11 Ikenne (1)	8243	4423	114	64	192	97	4.1	9.0	12.1	1.3	42.5	2.5	20.9	2.8	1.0	14.2
1 Potchefstroom	8121	4219	109	63	161	77	2.1	5.8	17.2	1.8	39.5	3.0	21.6	2.5	1.0	13.9
3 Palmira	8126	4200	109	61	155	74	7.9	24.9	17.7	1.3	38.5	2.3	20.6	3.0	1.1	14.1
14 Across	8243	4007	104	65	171	85	5.6	8.9	13.6	1.8	42.0	2.3	21.0	2.5	1.0	13.9
16 Across	772390	3578	103	63	158	76	6.0	11.4	9.3	1.0	41.8	2.5	19.2	2.8	1.1	13.7
7 Catacamas (1)	8243	3397	101	65	175	96	4.0	5.8	14.0	1.9	43.3	2.3	16.9	3.0	1.0	13.7
2 El Plantel(1)	8129	3414	98	64	139	69	11.8	9.2	20.7	1.0	38.0	2.8	20.0	3.3	1.0	13.6
MEANS		4384	113	63	172	84	5.5	12.7	13.3	1.5	41.0	2.4	17.8	2.5	1.0	13.8
MAXIMUM		4963	128	65	192	99	11.8	29.9	20.7	2.0	43.3	3.0	21.8	3.3	1.1	14.2
MINIMUM		3414	98	60	139	69	2.1	5.0	8.2	1.0	38.0	2.0	10.6	1.5	1.0	13.4
CHECKS (TESTIGOS):																
18 PWANI HYBRID I		3363	-	59	145	68	5.1	26.3	16.9	1.5	38.5	3.0	16.9	3.3	1.2	13.4
17 COAST COMPOSITE		3292	-	65	197	118	21.0	20.1	23.1	1.5	37.5	4.0	22.9	3.0	1.1	13.5
CHECK MEANS		3610	-	61	171	92	13.1	33.2	20.0	1.5	38.0	3.5	19.9	3.1	1.1	13.4
5% LSD		1109.6		3.2	21.3	11.6					5.2					0.7
C.V.		18.2		3.4	8.7	9.6					9.0					3.7

TABLE: 126-V-84

EVT12A YEAR 1984 ZAIRE KANIAMESHI

CO-OPERATOR:MULAMBA,AZANI MBEY YAME

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
1 Potchefstroom	8121	8685	97	73	212	115	5.5	3.1	3.6	1.0	1.5	41.0	1.8	4.7	1.3	16.8
14 Across	8243	8640	96	74	246	129	9.1	1.8	4.5	1.0	1.8	41.3	2.5	5.7	1.5	15.8
4 Palmira (1)	8129	8520	95	71	213	106	7.9	2.4	6.2	1.3	1.8	41.3	3.3	6.8	1.0	15.6
8 Ferke	8243	8500	95	75	250	135	8.4	7.7	8.2	1.3	2.0	40.8	2.5	5.9	2.3	14.8
3 Palmira	8129	8441	94	71	211	99	5.7	2.8	9.1	1.3	2.3	39.0	3.5	5.4	1.5	14.9
6 Catacamas	8243	8162	91	75	242	126	4.5	0.0	9.5	1.3	2.3	40.3	3.3	5.8	2.0	15.3
7 Catacamas (1)	8243	8136	91	76	241	127	5.5	1.9	9.4	1.0	2.5	40.3	3.5	6.5	2.3	16.4
16 Across	7729RE	8118	91	73	215	111	11.7	3.0	7.4	1.5	2.8	40.8	2.5	5.7	2.0	14.7
13 Suwan	8243	7745	86	74	239	127	2.6	4.2	9.5	1.5	2.5	41.0	3.0	4.6	2.5	15.1
5 Across	8129	7717	86	72	204	101	9.5	3.2	7.6	1.3	2.3	39.3	3.0	6.3	2.3	14.9
9 Ferke (1)	8243	7701	86	76	246	135	5.4	6.7	6.0	1.3	2.0	40.3	2.3	7.2	1.8	15.4
15 Across	7622RE	7672	86	72	208	108	6.1	6.6	6.4	1.5	2.5	38.5	3.3	6.4	2.3	15.6
10 Ikenne	8243	7462	83	75	241	129	3.8	3.2	10.4	1.3	3.0	40.0	3.0	5.4	2.3	15.3
2 El Plantel(1)	8129	7241	81	71	194	97	6.8	3.8	8.3	1.5	2.5	39.3	2.8	7.2	2.5	15.1
12 Sta. Rosa (1)	8243	7038	79	75	237	127	4.9	1.8	7.7	1.0	2.5	41.3	3.0	6.0	2.5	15.5
11 Ikenne (1)	8243	6049	67	75	244	130	8.4	2.8	10.0	2.0	3.5	34.5	2.5	8.2	3.5	14.9
	MEANS	7564	88	74	229	119	6.6	3.4	7.7	1.3	2.3	39.9	2.8	6.1	2.1	15.4
	MAXIMUM	8685	97	76	250	135	11.7	7.7	10.4	2.0	3.5	41.3	3.5	8.2	3.5	16.8
	MINIMUM	6049	67	71	194	97	2.6	0.0	3.6	1.0	1.5	34.5	1.8	4.6	1.0	14.7
CHECKS (TESTIGOS):																
17 SHABA-1		8962	-	74	233	115	11.9	6.4	2.8	1.0	1.5	37.5	2.5	6.0	1.3	17.5
18 PNM-1		8308	-	76	239	124	9.5	3.1	2.4	1.0	1.3	39.0	2.0	5.5	2.0	17.0
CHECK MEANS		8635	-	74	236	119	10.7	4.8	2.6	1.0	1.4	38.3	2.3	5.7	1.6	17.3
	5% LSD	1085.8		1.8	17.7	15.6						3.6				
	C.V.	9.6		1.7	5.5	9.2						6.3				

TABLE: 127-V-84

EVT12A YEAR 1984 IIHBAPHE RATTRAY-ARNOLD

CO-OPERATOR:R.C. OLVER

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	HUSK COVER	HELM TURC	PLANTS HARV	EARS/ PLNT	MOIST %
10 Ikenne	8243	6775	67	75	281	169	0.0	6.0	1.5	2.3	43.8	1.1	14.9
9 Ferke (1)	8243	6752	66	77	275	163	1.2	14.3	1.3	1.3	43.3	1.1	15.3
12 Sta. Rosa (1)	8243	6747	66	76	298	186	0.0	11.6	1.5	1.5	43.3	1.1	15.4
14 Across	8243	6685	66	75	289	174	1.1	7.5	1.5	1.8	43.8	1.1	15.0
11 Ikenne (1)	8243	6614	65	75	296	183	3.4	9.3	1.3	2.8	43.3	1.1	14.3
8 Ferke	8243	6522	64	75	295	176	1.2	9.7	1.3	1.8	43.0	1.0	14.9
13 Suwan	8243	6411	63	75	295	182	1.1	13.2	1.3	2.8	43.8	1.0	14.4
15 Across	7622RE	6114	60	72	234	135	0.0	3.5	1.5	1.8	43.5	1.0	15.8
3 Palmira	8129	6102	60	73	236	135	1.2	3.2	1.5	1.3	42.8	1.0	14.9
7 Catacamas (1)	8243	6049	59	75	285	166	0.6	6.1	1.8	2.0	43.5	0.9	15.6
6 Catacamas	8243	5961	58	76	235	130	0.0	5.5	1.3	1.5	44.0	1.0	14.2
4 Palmira (1)	8129	5708	56	71	236	139	0.6	6.3	2.0	1.8	43.8	1.0	14.9
1 Potchefstrcom	8121	5660	56	73	240	138	1.1	4.2	1.5	1.8	44.0	1.0	14.4
16 Across	7729RE	5655	56	73	247	133	0.4	6.8	1.0	2.0	43.8	1.0	15.1
5 Across	8129	5527	54	73	254	148	0.6	3.9	1.8	2.0	43.5	1.2	14.8
2 El Plantel(1)	8129	5189	51	73	230	133	5.9	5.8	1.5	2.3	43.5	1.0	14.3
	MEANS	6149	60	74	267	155	1.2	7.5	1.5	1.9	43.5	1.0	14.9
	MAXIMUM	6775	67	77	298	186	5.8	14.3	2.0	2.8	44.0	1.2	15.8
	MINIMUM	5189	51	71	230	133	0.0	3.5	1.0	1.3	42.8	0.9	14.2
CHECKS (TESTIGOS):													
18 SR 52		10176	-	74	310	182	0.0	2.6	1.5	1.8	44.0	1.0	16.1
17 ZS 225		8946	-	66	276	143	1.1	1.7	1.5	1.0	44.0	1.0	12.2
CHECK MEANS		9561	-	70	293	165	0.6	2.1	1.5	1.4	44.0	1.0	14.1
	5% LSD	856.9		1.5	22.9	17.4					0.9		1.7
	C.V.	9.2		1.4	6.9	7.7					1.5		8.2

TABLE: 128-V-84

EVT12A YEAR 1984 ZIMBABWE HARARE

CO-OPERATOR:R.C. CLVER

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	EARS/ PLNT	MOIST %
8 Ferke	8243	7011	99	82	254	133	1.2	0.6	1.8	41.8	1.5	1.8	1.0	11.6
14 Across	8243	6903	98	84	251	136	1.2	7.9	1.0	40.3	1.0	1.0	1.0	12.0
1 Potchefstroom	8121	6863	97	80	229	105	1.2	4.0	1.8	40.3	1.3	1.3	1.1	12.1
12 Sta. Rosa (1)	8243	6442	91	84	251	130	1.3	8.2	2.0	41.8	1.5	1.8	1.1	11.9
3 Palmira	8129	6434	91	81	210	101	0.0	9.4	2.3	41.5	1.0	1.8	1.0	12.1
16 Across	7729RE	6264	89	82	238	108	0.0	10.1	1.3	41.3	1.3	1.5	1.1	12.2
5 Across	8129	6017	85	82	228	114	5.2	9.1	1.3	40.0	1.0	1.8	1.1	12.1
4 Palmira (1)	8129	6005	85	81	224	111	0.6	7.5	1.5	40.8	1.8	2.3	1.0	12.3
13 Suwan	8243	5983	85	86	230	135	0.6	11.8	1.5	41.0	1.3	1.0	1.1	12.1
7 Catacamas (1)	8243	5935	84	85	240	135	0.6	1.8	2.0	41.5	1.5	1.8	1.0	11.8
6 Catacamas	8243	5884	83	84	224	108	0.6	9.1	2.0	40.5	1.8	1.8	1.1	12.4
2 El Plantel(1)	8129	5807	82	84	220	96	1.9	6.6	1.8	40.3	1.8	2.3	1.0	12.1
9 Ferke (1)	8243	5729	81	84	215	95	0.6	9.1	1.8	42.0	1.3	1.8	1.0	12.1
15 Across	7622RE	5639	80	82	230	108	0.0	5.6	1.3	41.8	1.0	1.5	1.0	11.9
11 Ikenne (1)	8243	5536	78	83	225	125	0.0	4.7	2.0	39.5	1.3	1.3	1.1	12.2
10 Ikenne	8243	5481	78	86	230	116	0.6	9.5	1.5	40.8	2.0	2.0	1.0	12.0
	MEANS	6121	87	83	231	116	1.0	7.2	1.7	40.9	1.4	1.6	1.0	12.0
	MAXIMUM	7011	99	86	254	136	5.2	11.8	2.3	42.0	2.0	2.3	1.1	12.4
	MINIMUM	5481	78	80	210	95	0.0	0.6	1.0	39.5	1.0	1.0	1.0	11.6
CHECKS (TESTIGOS):														
17 ZS 225		7060	-	79	230	129	1.8	10.6	1.8	41.0	1.5	1.5	1.0	11.7
19 SR 52		6248	-	84	245	128	0.6	7.3	1.5	41.0	1.5	1.3	1.0	12.5
CHECK MEANS		6654	-	81	237	127	1.2	9.0	1.6	41.0	1.5	1.4	1.0	12.1
	5% LSD	1204.0		4.9	37.9	27.6				2.5				0.7
	C.V.	13.7		4.2	11.5	16.6				4.4				3.8

TABLE: 129-V-84

YEAR: 1984

TRIAL: EVT12A
MEANS ACROSS 38 LOCATIONS

ENTRY NO. AND NAME		PARENT POPULATION	REGION I KG./HA	II KG./HA	IV KG./HA	V KG./HA	VI KG./HA	OVER ALL <----- MEAN ------> DAYS FLOWER	PLANT HT.	KG./HA
14 Across	8243	La Posta	5968	5957	4121	6558	5537	61	225	5563
8 Ferke	8243	La Posta	6126	5738	4331	6671	5355	61	226	5512
13 Suwan	8243	La Posta	5581	5740	4441	6213	5620	61	224	5479
12 Sta. Rosa (1)	3243	La Posta	5930	5812	4313	6276	5329	61	225	5476
10 Ikenne	8243	La Posta	5540	5778	4193	6096	5582	62	223	5420
9 Ferke (1)	8243	La Posta	5440	5871	4209	6192	5301	62	222	5420
15 Across	7622RE	Mezcla Tropical Blanca	5772	5612	4123	6029	5586	60	207	5349
3 Palmira	8129	Tuxpeno Caribe	5977	5510	4045	6294	5529	60	201	5328
2 El Plantel(1)	8129	Tuxpeno Caribe	5714	5666	4263	5412	5410	59	197	5303
6 Catacamas	8243	La Posta	5413	5720	4116	6219	5092	61	224	5302
5 Across	8129	Tuxpeno Caribe	5771	5530	3976	5923	5575	59	197	5270
16 Across	7729RE	Tuxpeno Caribe	5385	5525	4211	6005	5194	61	208	5230
1 Potchefstroom	8121	Tuxpeno 1	5319	5333	4177	6356	5412	61	204	5207
4 Palmira (1)	8129	Tuxpeno Caribe	5584	5347	3885	6166	5479	59	198	5166
7 Catacamas (1)	8243	La Posta	5903	5413	3886	6004	5042	62	222	5137
11 Ikenne (1)	8243	La Posta	5166	5543	3958	5655	5163	61	225	5120
Mean			5662	5631	4141	6129	5388	61	214	5330
No of Locations			4	16	8	4	6	37	37	38

Region I= South America
II= North, Central Amarica and the Caribbean
IV= West Africa
V= East and South Africa
VI= Asia

TABLE: 130-V-84

SVT12P YEAR 1984 MEXICO POZA RICA

CO-OPERATOR:CIMMYT

ENTRY NO./PEDIGREE	KG/HA	BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	YEAR PCT	HUSK COVER	PLANTS HARV	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
5 SUWAN 8222	7710	109	57	187	100	19.2	13.1	21.0	3.3	44.0	11.2	3.0	1.0	21.1
1 GUEBI (1) 8222	7320	107	59	204	109	15.1	17.4	29.7	2.3	43.0	2.2	3.3	1.0	21.8
11 ACROSS 7843-9	7159	100	63	230	132	11.4	13.7	24.6	2.3	43.8	4.6	2.8	1.0	22.4
6 SUWAN (1) 8222	7151	100	58	192	97	13.9	13.9	19.0	3.0	42.5	8.6	3.0	1.0	20.7
4 MARACAY 8222	7031	98	57	185	95	16.9	14.5	28.1	2.9	42.8	6.4	2.8	1.0	21.6
8 ACROSS	6394	89	59	187	96	13.2	12.6	31.7	2.3	43.0	9.7	3.3	1.0	21.4
9 TLALTIZAPAN 8321D##	6955	97	59	171	93	16.5	13.1	27.5	3.3	43.8	11.5	3.5	1.0	21.9
3 LOS BANOS (1) 8222	6790	95	57	182	94	22.7	14.9	26.1	2.8	44.0	5.1	3.0	1.0	20.2
2 LOS BANOS 8222	6664	93	59	180	93	22.0	16.1	19.2	2.8	43.3	7.9	3.3	1.0	19.9
10 ACROSS 7622R5	6462	90	59	190	107	16.3	13.4	15.7	2.9	42.8	6.0	3.0	1.0	20.4
7 GUEBI (2) 8222	6294	88	57	192	95	16.7	13.2	30.6	2.8	43.3	7.0	3.0	1.0	20.4
MEANS	6993	97	58	191	101	16.6	14.2	24.9	2.9	43.4	7.2	3.1	1.0	21.1
MAXIMUM	7710	109	63	230	132	22.7	17.4	31.7	3.3	44.0	11.5	3.5	1.0	22.4
MINIMUM	6294	88	57	171	93	11.4	12.6	15.7	2.3	42.8	2.2	2.8	1.0	19.9
CHECKS (TESTIGOS):														
13 POP 22C6	7170	-	58	179	95	12.7	14.5	17.5	2.5	43.0	9.2	2.8	1.0	21.4
12 POZA RICA HC 8121	6714	-	61	206	113	16.9	19.3	24.8	2.8	44.3	7.6	3.5	1.0	20.4
CHECK MEANS	6942	-	59	192	102	14.8	17.1	21.1	2.6	43.6	8.4	3.1	1.0	20.9
5% LSD	707.9		1.0	11.4	5.4					1.5				1.7
C.V.	7.1		1.2	4.1	4.4					2.4				5.5

TABLE: 131-V-84

EVT128 YEAR 1984 MEXICO CO. OBREGON

CO-OPERATOR:ANGEL SUGLI, OSCAR OCTA

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 %
1 GWEBI (1) 8222	8161	110	82	225	119	0.6	4.9	2.2	43.3	4.1	27.1	1.1	17.5
6 SUWAN (1) 8222	8059	109	81	210	113	0.0	5.5	2.2	40.0	4.4	23.8	1.2	19.3
5 SUWAN 8222	8026	108	80	210	119	0.6	2.4	0.5	41.5	4.4	26.3	1.1	20.3
7 GUEBI (2) 8222	7919	107	81	213	121	0.0	3.7	3.5	41.3	4.0	25.7	1.2	19.3
2 LOS BANOS 8222	7766	105	82	214	114	0.6	3.1	1.6	39.3	4.3	28.4	1.2	16.5
10 ACROSS 7622RE	7703	104	86	206	110	0.0	2.8	2.3	44.3	4.0	18.9	1.1	17.2
4 MARACAY 8222	7602	103	81	216	120	0.0	1.8	2.8	41.5	4.0	26.0	1.1	17.6
3 LOS BANOS (1) 8222	7569	102	81	219	110	0.0	3.2	3.5	41.0	4.5	25.1	1.1	18.6
9 TLALTIZAPAN 8321D**	7472	101	81	199	105	0.6	6.7	2.0	42.3	4.0	22.9	1.1	17.1
8 ACROSS	7359	99	84	224	125	0.0	3.8	3.9	40.5	4.1	29.5	1.1	20.1
11 ACROSS 7943RE	6532	88	67	233	135	1.2	2.9	9.4	43.8	4.0	17.0	1.1	19.0
MEANS	7652	103	80	216	117	0.3	3.7	3.1	41.7	4.2	24.7	1.1	18.2
MAXIMUM	8161	110	86	233	135	1.2	6.7	9.4	44.3	4.5	29.5	1.2	20.3
MINIMUM	6532	88	67	199	105	0.0	1.8	0.5	39.3	4.0	17.0	1.1	16.5
CHECKS (TESTIGOS):													
13 V-526	7415	-	87	235	126	0.0	0.6	6.8	39.0	4.0	20.0	1.2	18.5
12 V-455	6181	-	87	225	123	0.0	2.3	5.7	31.5	3.9	22.1	1.2	19.5
CHECK MEANS	6795	-	86	230	124	0.0	1.5	6.2	35.3	3.9	21.0	1.2	19.0
5% LSD	719.5		1.1	21.3	17.3				4.0				1.9
C.V.	6.7		15.5	6.8	10.2				6.8				7.1

TABLE: 132-V-84

EVT128 YEAR 1984 MEXICO CONCORDIA, SIN.

CO-OPERATOR:MC. OSCAR PALACIOS VELARDE

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 %
7 GUEBI (2) 8222	6044	104	51	217	102	0.0	4.7	14.4	2.5	42.0	1.9	2.3	0.9	26.5
2 LOS BANOS 8222	5760	99	50	200	97	1.9	2.9	21.4	2.5	42.3	2.5	2.5	0.9	26.6
5 SUWAN 8222	5570	96	51	196	98	0.0	4.9	15.9	2.9	39.5	1.8	3.3	1.0	27.9
6 SUWAN (1) 8222	5484	94	52	210	104	1.3	5.3	18.3	2.0	40.0	2.3	2.8	1.0	25.1
4 MARACAY 8222	5348	92	50	212	107	0.6	4.5	15.5	2.9	40.5	2.5	2.5	0.9	27.1
11 ACROSS 7343RE	5319	91	54	241	138	2.6	5.2	21.4	2.5	39.0	2.3	3.8	1.0	27.5
3 LOS BANOS (1) 8222	5243	90	51	211	102	0.7	1.9	12.9	2.3	39.9	2.5	2.3	1.1	27.1
10 ACROSS 7622RE	5195	89	53	205	106	0.0	7.7	17.3	2.4	39.5	2.5	2.5	0.9	25.0
8 ACROSS	5167	89	51	209	108	4.0	5.8	19.2	2.5	39.0	2.5	2.3	0.9	27.3
1 GWEBI (1) 8222	5130	88	51	215	104	2.9	2.2	15.2	2.0	37.8	2.3	3.0	0.9	27.1
9 TLALTIZAPAN 8321D**	4616	79	49	193	96	2.0	11.4	14.6	2.3	37.5	2.5	2.8	0.8	28.1
MEANS	5350	92	51	210	106	1.4	5.3	17.0	2.4	39.7	2.3	2.9	0.9	26.8
MAXIMUM	6044	104	54	241	138	4.0	11.4	21.4	2.8	42.3	2.5	3.8	1.1	28.1
MINIMUM	4616	79	49	193	96	0.0	1.9	12.9	2.0	37.5	1.8	2.5	0.8	25.0
CHECKS (TESTIGOS):														
13 H-422	5831	-	53	211	106	0.0	5.6	10.3	2.0	35.5	1.5	2.3	0.9	26.8
12 V-455	5495	-	52	213	113	2.0	6.4	14.1	2.3	40.0	2.3	3.0	0.9	27.5
CHECK MEANS	5663	-	52	211	109	1.0	6.0	12.5	2.1	37.8	1.9	2.6	0.9	27.1
5% LSD	1021.8		1.7	15.7	10.3					4.8				3.5
C.V.	13.2		2.4	5.2	6.7					5.5				9.1

TABLE: 133-V-84

EVT12B YEAR 1984 KENYA M.I.R.S.

CO-OPERATOR:MR. O.E. BARAZA

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 %
3 LOS BANOS (1) 8222	5141	126	65	160	79	0.0	1.9	3.4	1.8	42.3	2.0	9.2	1.8	1.0	13.8
5 SUWAN 8222	4997	123	66	153	79	0.8	10.9	5.3	1.5	39.0	1.5	7.8	1.5	1.0	14.3
6 SUWAN (1) 8222	4955	122	67	153	74	1.4	3.4	4.3	2.0	40.3	2.0	8.7	2.0	1.1	14.0
2 LOS BANOS 8222	4978	122	66	156	79	0.0	1.5	9.7	2.0	42.8	2.5	14.7	1.5	1.0	13.9
1 GWEBI (1) 8222	4971	122	68	159	79	0.0	4.4	3.0	1.3	41.3	2.0	6.0	2.0	1.0	13.9
8 ACROSS	4833	119	67	157	78	1.9	10.9	4.1	2.0	42.8	2.5	10.0	2.3	1.0	14.2
7 GUEBI (2) 8222	4754	119	68	151	77	0.0	5.9	10.2	1.8	42.0	2.3	7.8	2.0	1.0	14.2
11 ACROSS 7a4383	4673	115	70	196	104	1.3	9.3	5.4	1.5	40.8	2.5	4.8	1.8	1.0	14.2
4 MARACAY 8222	4622	114	67	157	71	0.0	6.7	8.6	2.0	37.0	1.8	9.5	2.3	1.0	14.0
10 ACROSS 7822BF	4604	113	65	161	82	1.3	9.4	7.7	1.8	39.5	2.5	17.4	1.8	1.0	14.3
9 TLALTIZAPAN 8D210**	4595	113	68	151	75	0.0	1.9	6.5	2.0	39.5	2.5	7.2	2.0	1.0	14.3
MEANS	4840	119	67	162	80	0.6	5.9	6.3	1.8	40.6	2.2	9.4	1.9	1.0	14.1
MAXIMUM	5141	126	70	196	104	1.8	10.9	10.2	2.0	42.8	2.5	17.4	2.3	1.1	14.3
MINIMUM	4595	113	65	151	71	0.0	1.8	3.0	1.3	37.0	1.5	4.8	1.5	1.0	13.8
CHECKS (TESTIGOS):															
13 PWANI HYBRID III	4365	-	67	142	63	0.9	8.2	4.4	1.5	36.5	2.8	3.4	2.3	1.0	14.1
12 COAST COMPOSITE	3099	-	68	224	130	9.8	56.9	9.3	1.8	34.0	3.8	7.7	3.0	1.2	13.9
CHECK MEANS	3737	-	67	192	96	5.4	32.5	7.1	1.6	35.3	3.3	5.6	2.6	1.1	14.0
5% LSD	493.3		1.5	12.1	9.9					4.9					0.3
C.V.	5.7		1.6	5.1	8.4					8.6					1.5

TABLE: 134-V-84

YEAR 1984

TRIAL: EVT 125
MEANS ACROSS 7 LOCATIONS

ENTRY NO. AND NAME	PARENT POPULATION	REGION I KG./HA	REGION II KG./HA	REGION V KG./HA	OVER ALL <------MEAN------> DAYS FLOWER	PLANT HT.	KG./HA
5 SUWAN 8222	Mezcla Tropical Blanca	4497	6052	4663	62	204	5677
1 GWEBI (1) 8222	Mezcla Tropical Blanca	3913	6031	4971	62	213	5577
6 SUWAN (1) 8222	Mezcla Tropical Blanca	3921	6042	4989	63	207	5574
4 MARACAY 8222	Mezcla Tropical Blanca	4169	5998	4622	62	205	5543
3 LOS BANOS (1) 8222	Mezcla Tropical Blanca	4471	5822	5141	63	203	5532
2 LOS BANOS 8222	Mezcla Tropical Blanca	3364	5950	4976	62	196	5513
7 GUEBI (2) 8222	Mezcla Tropical Blanca	3763	5955	4833	62	209	5474
8 ACROSS 8222	Mezcla Tropical Blanca	4412	5780	4853	64	207	5452
9 TLALTIZAPAN 8321D**	Tuxpeno-1	4220	5661	4585	63	192	5302
11 ACROSS 7843RE	La Posta	3490	5573	4673	64	236	5145
10 ACROSS 7622RE	Mezcla Tropical Blanca	3918	5669	4604	64	207	4604
Mean		4049	5867	4810	62	207	5399
No of Locations		1	5	1	7	7	7

Region I= South America
II= North, Central America and the Caribbean
V= East and South Africa

TABLE: 135-V-84

EVT13 YEAR 1984 ARGENTINA LEALES

CO-OPERATOR:LUIS GERONIMO GOMEZ, INTA LEALES

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	STEM LODG	PLANTS HARV	EARS/ PLNT	MOIST %
9 Jardinopolis 8227	4585	115	12.5	37.8	0.9	18.6
17 Across 7627 RE	4545	114	12.5	38.5	0.9	18.2
14 Across 8227	4472	113	15.3	35.5	0.9	21.0
12 Pichilingue 8227	4385	110	14.5	37.3	0.9	19.5
8 Alajuela (1) 8227	4340	109	15.3	36.0	0.9	18.4
16 Across 8136	4293	108	21.0	36.5	0.8	17.3
18 Across 7723 RE	4116	104	18.3	35.0	0.8	17.3
15 Piura 8136	4090	103	23.8	36.3	0.9	17.1
3 Pichilingue 8224	4015	101	18.5	33.3	0.9	18.4
5 Piura 8224	3980	100	18.5	37.8	0.8	18.4
10 Los Banos 8227	3906	98	17.5	33.5	0.8	18.0
13 Poza Rica 8227	3854	96	15.0	39.3	0.8	17.5
4 Poza Rica 8224	3653	92	15.0	37.8	0.8	19.7
11 Los Banos(1) 8227	3573	90	19.0	37.0	0.7	19.7
1 Capinopolis 8224	3537	89	19.8	33.3	0.9	20.0
6 Suwan 8224	3421	86	18.5	35.3	0.8	19.0
7 Across 8224	3401	86	24.5	31.5	0.8	17.2
2 Guarare 8224	3395	85	27.5	38.5	0.7	18.2
MEANS	3979	100	18.2	36.3	0.8	18.5
MAXIMUM	4585	115	27.5	39.3	0.9	21.0
MINIMUM	3395	85	12.5	31.5	0.7	17.1
CHECKS (TESTIGOS):						
19 LEALES 25	3975	-	25.8	35.3	0.9	16.3
20 TROPICO 229	3700	-	27.3	39.3	0.8	18.4
CHECK MEANS	3338	-	26.8	37.3	0.8	17.4
5% LSD	837.7			4.2		
C.V.	14.9			8.4		

TABLE: 136-V-84

EVT13 YEAR 1984 ARGENTINA CRAN

CO-OPERATOR:CARGILL S.A.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	STEM LODG	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
18 Across	7728 RE	4921	81	9.3	31.8	2.9	3.3	1.1	24.9
1 Capinopolis	8224	4522	75	15.4	31.0	3.0	2.9	1.2	21.7
11 Los Banos(1)	8227	4485	74	12.6	31.5	2.0	3.2	1.1	21.3
3 Pichilingue	8224	4399	73	12.3	32.5	3.0	2.8	1.0	22.4
7 Across	8224	4277	71	17.2	33.5	3.3	3.3	0.9	22.2
16 Across	8136	4215	70	14.6	33.0	2.5	2.9	1.0	22.1
9 Jardinopolis	8227	3953	65	8.9	35.0	1.8	2.7	1.0	22.4
2 Guarare	8224	3925	65	9.4	31.3	3.3	3.0	1.0	22.0
10 Los Banos	8227	3813	63	15.1	30.5	2.0	3.0	1.1	21.9
13 Poza Rica	8227	3727	62	3.1	30.3	2.5	2.8	1.0	21.5
12 Pichilingue	8227	3701	61	12.6	33.5	2.0	2.5	1.1	31.6
6 Suwan	8224	3631	60	13.9	31.3	2.5	3.0	1.0	23.0
4 Poza Rica	8224	3624	60	3.4	36.3	3.3	3.0	0.9	21.6
15 Piura	8136	3602	60	10.9	30.3	3.0	3.3	1.0	20.7
8 Alajuela (1)	8227	3568	59	12.8	31.5	2.0	3.7	1.0	23.6
5 Piura	8224	3407	56	12.5	31.3	3.5	3.0	0.9	23.1
14 Across	8227	3239	54	12.4	33.3	2.0	2.5	0.9	23.8
17 Across	7627 RE	3121	52	10.4	34.0	2.8	3.0	0.9	23.9
MEANS		3896	64	11.4	32.4	2.6	2.9	1.0	22.4
MAXIMUM		4921	81	15.4	36.3	3.5	3.3	1.2	24.9
MINIMUM		3121	52	3.4	30.5	1.8	2.3	0.8	20.7
CHECKS (TESTIGOS):									
20 CARGILL EXP.	38020	6046	-	7.0	32.3	1.9	2.2	1.2	23.9
19 TROPICO 228		4757	-	8.0	31.3	1.5	2.3	1.2	23.5
CHECK MEANS		5401	-	7.5	31.8	1.6	2.3	1.2	23.5
5% LSD		1124.6			4.8				2.4
C.V.		19.6			10.6				7.6

TABLE: 137-V-84

EVT13 YEAR 1984 ECLIVIA IBOPERENDA

CO-OPERATOR:ALBERTO HINOJOSA PADILLA, CORDECH

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 %
11 Los Banos(1) 8227	9025	101	67	230	128	1.2	0.0	9.6	38.0	1.0	1.0	1.2	21.8
1 Capinopolis 8224	8799	98	66	244	138	2.0	0.0	10.1	36.0	1.5	1.0	1.3	22.6
10 Los Banos 8227	8671	97	67	230	130	1.8	0.0	17.2	41.3	1.5	1.0	1.2	23.4
7 Across 8224	8533	95	68	233	128	5.1	0.0	12.0	39.5	1.5	1.3	1.2	22.3
3 Pichilingue 8224	8434	94	67	228	123	4.2	0.0	8.6	36.8	1.8	1.3	1.2	21.8
16 Across 8136	8423	94	65	210	108	5.8	0.0	14.7	37.3	1.5	1.0	1.3	21.2
5 Piura 8224	8364	93	68	213	113	4.7	0.6	18.9	35.8	1.5	1.3	1.3	22.4
8 Alajuela (1) 8227	8307	93	67	223	128	0.0	0.0	9.9	37.0	1.0	1.0	1.2	22.8
18 Across 7728 RE	8280	92	67	235	133	1.3	0.0	16.0	37.5	1.5	1.0	1.2	22.5
12 Pichilingue 8227	8197	92	67	225	123	2.0	0.0	13.2	37.3	1.0	1.3	1.2	22.9
14 Across 8227	8173	91	66	213	113	1.9	0.0	7.5	38.8	1.3	1.5	1.2	21.8
6 Suwan 8224	8087	90	67	218	118	1.4	0.0	12.3	36.3	1.8	1.3	1.3	22.4
9 Jardinopolis 8227	8041	90	66	228	120	2.7	0.0	11.2	37.8	1.3	1.3	1.4	23.5
4 Poza Rica 8224	7894	88	65	215	113	4.5	0.0	12.9	34.5	1.5	1.3	1.2	22.7
2 Guarare 8224	7798	87	67	223	123	1.5	0.0	18.4	33.5	1.3	1.0	1.3	23.6
13 Poza Rica 8227	7738	86	66	213	113	1.2	0.0	12.8	36.5	1.5	1.0	1.1	22.3
15 Piura 8136	7587	85	66	210	103	4.9	0.0	13.5	35.3	1.5	1.3	1.2	22.2
17 Across 7627 RE	6566	73	66	205	103	0.0	0.0	7.0	35.0	1.3	1.5	1.2	22.9
MEANS	8162	91	67	223	119	2.6	0.0	12.5	36.9	1.4	1.2	1.2	22.5
MAXIMUM	9025	101	68	244	138	5.8	0.6	18.9	41.3	1.8	1.5	1.4	23.6
MINIMUM	6566	73	65	205	103	0.0	0.0	7.0	33.5	1.0	1.0	1.1	21.2
CHECKS (TESTIGOS):													
20 AM. IBOPERENDA	8956	-	70	279	179	7.3	7.7	7.2	39.0	1.8	1.5	1.2	22.6
19 AM. CRIST. IBOPER.	8656	-	66	233	129	1.4	0.0	4.1	37.0	1.0	1.0	1.4	22.7
CHECK MEANS	8806	-	67	255	153	4.3	3.8	5.6	38.0	1.4	1.3	1.3	22.7
5% LSD	1326.8		1.3	23.7	20.0				4.8				2.4
C.V.	11.4		1.4	7.4	11.5				9.2				7.5

TABLE: 138-V-84

EVT13 YEAR 1984 BOLIVIA SANTA CRUZ (2)

CO-OPERATORS:ING. REINERO ORTIZ, CARLOS MANCHEGO

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 %
17 Across	7827 [illegible]	[illegible]	[illegible]	57	225	108	6.4	1.9	4.1	42.5	2.3	6.8	1.0	21.4
18 Across	7724 [illegible]	[illegible]	[illegible]	59	220	113	7.8	1.8	3.8	41.5	2.3	9.5	1.0	22.0
13 Poza Rica	8227	5087	108	57	213	110	1.2	1.2	3.6	41.3	2.3	9.6	1.0	21.4
11 Los Banos(1)	8227	5002	106	57	221	115	8.9	0.6	4.2	39.5	2.3	6.1	1.0	21.4
12 Pichilingue	8227	4907	103	59	219	116	10.1	3.5	5.2	42.0	2.1	5.8	0.9	21.9
4 Poza Rica	8224	4744	101	56	203	98	5.6	1.3	5.0	42.3	2.3	9.6	0.9	22.2
15 Piura	8136	4744	101	56	222	111	6.7	0.6	3.0	40.8	1.9	6.6	1.0	21.9
7 Across	8224	4715	100	59	209	111	11.1	3.9	4.2	42.0	2.3	7.3	0.9	22.4
16 Across	8136	4681	99	56	214	113	12.5	3.5	5.3	41.9	2.3	7.2	0.9	21.5
8 Alajuela (1)	8227	4640	99	58	225	123	11.2	1.8	4.6	41.8	2.5	5.6	0.9	22.2
5 Piura	8224	4635	99	59	215	115	7.1	3.5	7.0	42.0	2.4	8.2	0.9	22.6
3 Pichilingue	8224	4590	97	58	215	115	7.5	6.6	3.7	39.5	2.4	10.8	0.9	22.3
6 Suwan	8224	4586	96	58	209	107	2.4	2.6	5.1	40.3	2.5	7.9	0.9	22.5
10 Los Banos	8227	4529	96	58	216	115	4.2	0.6	5.7	42.3	2.4	12.0	0.9	21.0
14 Across	8227	4409	94	58	203	99	4.1	0.0	3.9	42.5	2.5	10.9	0.9	21.9
9 Jardinopolis	8227	4369	93	58	215	119	16.1	7.0	5.3	41.5	2.3	5.3	0.9	21.6
2 Guarare	8224	4223	90	57	205	106	7.3	2.5	5.0	42.5	2.3	7.9	0.9	21.7
1 Capinopolis	8224	4207	89	57	209	110	5.0	0.8	7.2	40.3	2.5	11.4	0.9	21.4
MEANS		4571	99	57	214	111	7.5	2.3	4.8	41.5	2.3	8.2	0.9	21.9
MAXIMUM		5108	109	59	225	123	16.1	6.6	7.2	42.5	2.5	12.0	1.0	22.8
MINIMUM		4207	85	56	203	99	1.2	0.0	3.0	39.5	1.9	5.1	0.9	21.0
CHECKS (TESTIGOS):														
19 LOCAL CHECK 1		4711	-	57	224	112	11.1	0.0	3.8	41.3	2.3	5.5	0.9	20.9
20 LOCAL CHECK 2		3086	-	60	265	160	5.3	5.5	6.4	39.5	3.0	5.1	0.8	21.5
CHECK MEANS		3899	-	58	244	138	10.2	2.8	5.1	40.5	2.6	5.9	0.9	21.2
5% LSD		922.6		1.5	18.9	10.5				3.3				1.4
C.V.		14.3		1.9	6.1	5.4				5.6				4.5

TABLE: 139-V-84

EVT13 YEAR 1984 BRAZIL SETE LAGOAS

CO-OPERATOR:RICARDO MAGNAVACA, EMBRAPA-CNPMS

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
18 Across	7728 RE	7263	101	219	113	3.6	11.1	2.3	42.0	1.1	16.8
12 Pichilingue	8227	6945	97	210	108	3.4	15.3	2.2	44.3	1.1	17.7
2 Guarare	8224	6847	96	209	106	6.9	22.0	2.8	43.5	1.0	17.5
9 Jardinopolis	8227	6550	92	205	104	4.0	9.2	0.6	44.0	1.0	17.7
14 Across	8227	6418	90	211	111	1.0	5.2	3.2	44.5	1.1	17.8
8 Alajuela (1)	8227	6364	89	218	118	4.0	11.8	2.8	44.5	1.0	17.4
5 Piura	8224	6353	89	216	116	2.8	14.8	2.4	43.5	1.0	18.1
1 Capinopolis	8224	6330	88	199	101	2.8	12.3	1.7	43.0	1.0	17.5
3 Pichilingue	8224	6323	88	221	120	3.5	23.0	2.8	43.3	1.0	17.3
16 Across	8136	6269	88	210	109	5.9	11.8	3.9	43.8	1.0	16.8
13 Poza Rica	8227	6237	87	205	105	0.6	8.3	3.0	42.8	1.0	18.1
7 Across	8224	6227	87	213	110	5.2	13.4	1.6	43.0	1.0	17.9
11 Los Banos(1)	8227	6188	86	220	118	0.6	5.2	1.7	43.5	1.0	18.1
6 Suwan	8224	6042	84	209	110	3.4	23.4	0.6	42.8	1.0	19.3
17 Across	7627 RE	5963	83	218	118	1.1	6.6	2.2	42.3	1.1	18.0
4 Poza Rica	8224	5943	83	205	104	7.2	12.1	2.2	44.0	1.0	16.3
10 Los Banos	8227	5913	83	205	101	2.3	8.5	2.9	44.5	1.0	17.8
15 Piura	8136	5729	80	208	106	2.3	4.0	3.0	43.3	1.0	16.3
	MEANS	6328	88	211	110	3.7	12.1	2.3	43.5	1.0	17.6
	MAXIMUM	7263	101	221	120	9.4	23.4	3.9	44.5	1.1	19.3
	MINIMUM	5729	80	199	101	0.6	4.0	0.6	42.0	1.0	16.3
CHECKS (TESTIGOS):											
20 BR 301		7157	-	216	115	0.6	5.6	2.4	39.0	1.1	18.3
19 BR 300		5623	-	218	118	5.0	13.0	1.5	29.8	1.1	17.3
CHECK MEANS		6390	-	216	116	2.8	9.3	1.9	34.4	1.1	17.8
	5% LSD	961.2		11.1	9.3				3.5		1.4
	C.V.	10.7		3.7	6.0				5.9		5.6

TABLE: 140-V-84

EVT13 YEAR 1984 BRAZIL RIBEIRO PRETO

CO-OPERATOR:SEMENTES REIS DE OURO LTDA

ENTRY NO./PEDIGREE		KG/HA	PREST %	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
18 Acr	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	126	4.8	41.3	1.5	1.8	4.5	1.0	12.7
14 Acr	[illegible]	[illegible]	[illegible]	59	230	[illegible]	7.9	41.3	1.0	4.5	4.3	1.0	12.9
16 Acr	[illegible]	[illegible]	[illegible]	58	233	[illegible]	11.7	40.3	2.3	3.8	5.0	1.0	12.9
5 Piura	8224	[illegible]	105	61	240	131	7.4	40.5	1.5	3.2	4.8	1.0	13.1
13 Poza Rica	8227	5230	105	60	216	109	9.5	40.0	1.8	4.4	5.0	1.0	12.7
10 Los Banos	8227	5204	104	60	235	130	5.3	42.8	1.8	0.6	4.8	1.0	13.1
7 Across	8224	5172	104	60	241	128	10.6	38.3	2.0	4.1	4.8	1.0	13.3
9 Jardinopolis	8227	5135	103	60	233	125	6.6	41.5	1.5	2.5	4.3	1.0	13.0
15 Piura	8136	5033	101	55	220	119	14.6	40.8	2.5	1.2	4.8	1.0	13.1
2 Guarare	8224	4999	100	60	230	123	12.1	41.8	2.3	5.6	4.2	1.0	12.8
8 Alajuela (1)	8227	4885	98	60	235	119	7.5	40.8	1.8	2.5	4.3	1.0	13.0
17 Across	7627 RE	4783	96	60	235	121	8.0	40.3	1.8	3.0	4.5	1.0	13.1
12 Pichilingue	8227	4776	96	60	233	125	8.3	40.8	1.5	2.2	4.5	1.0	12.8
3 Pichilingue	8224	4681	94	62	220	115	15.4	42.0	2.5	1.3	4.8	1.0	13.1
4 Poza Rica	8224	4651	93	60	223	119	6.1	42.0	2.5	3.6	4.3	1.0	12.8
1 Capinopolis	8224	4642	93	60	220	119	11.5	39.8	2.0	2.4	4.8	1.0	13.0
11 Los Banos(1)	8227	4588	92	61	240	126	7.1	40.3	1.3	4.4	5.0	1.0	12.6
6 Suwan	8224	4491	90	60	228	121	11.3	39.3	3.0	3.4	4.5	1.0	13.0
MEANS		5002	100	60	230	122	9.2	40.7	1.9	3.0	4.6	1.0	12.9
MAXIMUM		5704	114	62	241	131	15.4	42.8	3.0	5.6	5.0	1.0	13.3
MINIMUM		4491	90	55	216	109	4.8	38.3	1.0	0.6	4.3	1.0	12.6
CHECKS (TESTIGOS):													
19 RD 4027		4996	-	54	269	159	8.2	40.0	2.3	3.2	4.0	1.0	12.9
20 RD 2042		4898	-	66	253	143	10.4	37.8	2.0	1.3	4.5	1.0	12.8
CHECK MEANS		4947	-	64	260	150	9.3	38.9	2.1	2.2	4.3	1.0	12.8
5% LSD		980.8		0.7	21.4	18.5		4.2					0.5
C.V.		13.9		0.9	6.5	10.5		7.3					2.7

TABLE: 141-V-84

EVT13 YEAR 1984 BRAZIL CAPINOPOLIS

CO-OPERATOR:SEMENTES AGRECERES S.A.

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	EARS/ PLNT
18 Across	7728 PE	6351	102	59	223	119	1.1	1.7	0.6	2.8	2.5	44.0	2.5	3.0	1.0
14 Across	8227	6605	95	59	205	106	2.9	0.6	2.3	2.0	1.0	43.8	1.0	2.8	1.0
5 Piura	8224	6265	93	60	205	105	1.1	0.0	1.9	1.8	3.0	43.0	2.3	2.5	1.0
1 Capinopolis	8224	6132	91	59	194	101	4.1	0.0	3.7	1.5	2.5	43.5	2.8	3.0	1.0
10 Los Banos	8227	5941	85	59	200	105	1.1	0.0	8.9	1.5	1.0	43.5	1.3	3.0	1.0
15 Piura	8136	5913	88	58	186	91	1.1	1.1	3.0	2.3	2.5	43.3	2.3	3.3	1.0
8 Alajuela (1)	8227	5757	86	60	200	101	2.9	0.6	1.8	1.5	1.3	43.5	1.8	3.3	0.9
3 Pichilingue	8224	5761	86	60	214	111	4.0	1.1	2.9	1.3	3.0	44.0	3.0	3.0	1.0
7 Across	8224	5727	85	60	210	109	1.7	0.6	3.7	2.0	2.5	43.5	2.5	2.5	1.0
9 Jardinopolis	8227	5710	85	59	196	94	2.3	0.6	1.8	1.8	1.0	43.9	1.8	3.3	1.0
4 Poza Rica	8224	5632	84	58	200	98	2.8	0.0	3.6	1.8	2.8	43.8	3.0	3.3	0.9
2 Guarare	8224	5627	84	58	193	95	2.3	1.1	1.9	1.8	3.0	44.0	2.8	2.8	0.9
16 Across	8136	5622	83	59	190	90	1.1	1.7	4.9	2.0	3.0	44.0	2.3	2.5	0.9
13 Poza Rica	8227	5507	82	59	176	90	0.6	0.0	4.1	1.3	1.3	43.8	1.5	3.0	1.0
11 Los Banos(1)	8227	5316	79	61	184	95	5.7	0.6	3.2	2.3	1.0	43.5	1.9	3.0	0.9
17 Across	7427	5020	75	59	200	99	1.7	0.0	1.9	1.8	1.0	43.8	1.8	3.3	0.9
12 Pichilingue	8227	5009	74	61	190	89	1.1	0.0	5.0	1.5	1.0	44.3	1.8	3.3	0.9
6 Suwan	8224	4995	74	60	194	101	2.3	2.3	2.0	2.0	2.0	43.5	2.8	3.0	0.9
MEANS		5739	85	59	198	99	2.3	0.7	3.2	1.8	2.0	43.7	2.2	3.0	0.9
MAXIMUM		6351	102	63	223	119	5.7	2.3	8.9	2.8	3.0	44.3	3.0	3.5	1.0
MINIMUM		4995	74	56	176	83	0.3	0.0	0.6	1.3	1.0	43.0	1.0	2.5	0.9
CHECKS (TESTIGOS):															
19 AG-301		5731	-	62	229	134	4.4	0.0	1.7	1.0	2.8	43.3	1.3	2.5	1.0
20 AG-401		4990	-	63	221	134	5.4	0.6	0.6	1.0	3.0	43.0	2.0	3.0	1.1
CHECK MEANS		5361	-	62	225	130	5.2	0.3	1.1	1.0	3.4	43.1	1.6	2.8	1.0
S. E.		1152.3		1.3	17.7	15.2						0.9			
C.V.		14.8		1.5	5.1	13.5						1.5			

TABLE: 142-V-84

EVT13 YEAR 1984 BRAZIL BARRETOS

CO-OPERATOR:BRASKALB

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC POLY	HELM TURC	PLANTS HARV	EARS/ PLNT	MOIST %
18 Across	7726 PE	5033	116	59	227	129	7.4	1.7	7.7	1.8	1.0	43.8	1.0	17.3
8 Alajuela (1)	8227	4793	113	58	240	138	6.3	0.0	9.6	2.0	1.0	43.3	0.9	17.3
14 Across	8227	4720	111	58	226	124	5.2	1.8	8.1	3.5	1.0	43.3	0.9	16.3
1 Capinopolis	8224	4632	109	59	224	125	26.6	1.1	10.6	2.8	1.8	44.0	0.9	18.8
5 Piura	8224	4526	108	60	231	129	25.5	3.4	19.8	2.8	2.0	44.0	0.9	19.0
13 Poza Rica	8227	4584	108	56	223	118	4.6	0.0	12.2	3.0	1.8	43.8	0.9	18.0
2 Guarare	8224	4562	108	58	239	134	22.8	4.0	17.2	2.8	2.0	43.8	1.0	17.8
7 Across	8224	4513	106	59	235	131	42.6	1.7	7.9	2.8	2.0	44.0	0.9	18.8
12 Pichilingue	8227	4510	106	58	243	139	4.6	0.0	15.6	2.6	1.0	43.8	0.9	18.3
15 Piura	8136	4443	104	56	227	129	11.6	0.0	11.5	3.9	1.0	43.0	0.9	18.8
3 Pichilingue	8224	4413	104	60	237	136	33.0	0.0	5.2	3.0	3.5	43.0	0.9	18.8
16 Across	8136	4413	104	57	225	122	16.2	0.0	8.5	3.8	2.8	43.3	0.9	17.0
6 Suwan	8224	4391	103	60	239	137	22.8	1.7	9.1	3.8	1.8	43.8	0.9	18.8
9 Jardinopolis	8227	4359	102	58	232	130	14.2	0.0	8.6	3.0	1.8	44.0	0.9	17.8
10 Los Banos	8227	4300	101	59	230	132	21.2	2.4	11.3	3.0	2.3	43.3	0.9	17.9
11 Los Banos(1)	8227	4280	101	59	233	132	9.9	0.0	12.6	3.8	1.0	43.8	0.9	18.0
17 Across	7627 PE	4278	101	58	235	130	6.4	1.8	12.5	2.4	1.5	42.0	1.0	17.0
4 Poza Rica	8224	3990	94	59	215	117	10.6	2.3	10.7	3.0	1.8	42.3	0.9	18.0
MEANS		4491	106	58	232	130	16.2	1.2	11.1	3.0	1.8	43.4	0.9	18.1
MAXIMUM		5033	116	60	243	139	42.6	4.0	19.8	3.8	3.5	44.0	1.0	19.0
MINIMUM		3990	94	56	215	117	4.6	0.0	5.2	1.6	1.0	42.0	0.9	17.0
CHECKS (TESTIGOS):														
20 XL-605		4253	-	61	241	143	7.1	0.0	22.3	3.0	1.8	39.3	0.9	17.3
19 XL-560		2916	-	58	234	130	4.0	0.0	13.1	5.0	2.0	43.0	0.8	15.0
CHECK MEANS		3595	-	59	237	136	5.6	0.0	17.7	4.0	1.9	41.1	0.9	16.1
5% LSD		450.2		1.0	10.2	6.7						1.7		1.2
C.V.		7.2		1.2	3.1	4.7						2.6		4.9

TABLE: 143-V-84

EVT13 YEAR 1984 BRAZIL PONTA GROSSA

CO-OPERATOR:ANTONIO CARLOS GERASE, IAPAR

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT	MOIST %
11 Los Banos(1)	8227	5429	88	82	228	117	21.6	16.5	13.8	44.0	3.0	37.9	1.0	23.0
8 Alajuela (1)	8227	5240	85	83	218	110	20.7	22.7	12.5	43.5	2.5	22.5	1.0	23.0
10 Los Banos	8227	5223	85	81	226	121	25.5	19.2	19.2	43.0	2.5	26.1	1.1	22.7
2 Guarare	8224	5211	85	79	219	116	32.9	24.2	21.0	44.5	3.0	19.3	1.0	22.6
18 Across	7728 RE	5206	85	83	218	117	20.1	21.9	11.1	42.5	2.3	28.0	1.1	22.7
1 Capinopolis	8224	5115	83	81	205	107	26.6	13.5	17.7	42.8	3.0	19.3	1.[illegible]	22.4
4 Poza Rica	8224	5112	83	82	216	111	24.0	21.9	16.5	43.8	2.8	22.7	1.0	22.0
9 Jardinopolis	8227	5016	81	80	217	113	25.4	17.5	9.4	44.3	2.5	28.5	1.0	22.5
12 Pichilingue	8227	4965	81	82	218	108	36.4	25.3	14.0	42.8	2.8	24.5	1.1	22.5
16 Across	8136	4950	80	78	208	103	34.5	10.5	18.6	44.8	3.8	28.4	1.0	21.8
17 Across	7627 RE	4937	80	81	217	105	21.0	17.5	19.5	44.3	2.8	37.7	1.0	22.1
3 Pichilingue	8224	4924	80	83	218	119	15.9	27.2	22.7	44.0	3.0	22.3	1.0	23.0
13 Poza Rica	8227	4921	80	80	215	102	22.9	27.5	11.2	43.5	2.3	26.2	1.0	22.0
15 Piura	8136	4834	78	80	203	100	31.2	22.4	17.7	42.3	2.8	30.1	1.0	22.0
7 Across	8224	4828	79	83	228	119	29.3	13.2	16.2	43.3	2.8	30.6	1.0	22.5
14 Across	8227	4687	76	81	199	96	14.4	13.4	14.1	43.0	2.3	19.3	1.0	22.2
6 Suwan	8224	4443	72	84	205	104	25.4	12.0	22.4	43.5	3.3	36.3	1.0	22.9
5 Piura	8224	4271	69	84	205	107	24.5	22.1	20.6	43.0	3.3	34.3	1.[illegible]	22.7
MEANS		4962	81	81	215	110	25.2	19.7	16.6	43.5	2.8	27.4	1.0	22.5
MAXIMUM		5429	88	84	228	121	36.4	27.5	22.7	44.8	3.8	37.9	1.1	23.0
MINIMUM		4271	69	73	199	98	14.4	10.5	9.4	42.3	2.3	19.3	1.0	21.8
CHECKS (TESTIGOS):														
19 P-6875		6159	-	75	227	112	40.0	20.1	27.9	45.0	3.3	34.1	0.9	20.9
20 AG-301		5533	-	83	230	136	35.0	23.6	9.4	42.0	2.0	18.3	1.1	23.6
CHECK MEANS		5846	-	78	228	124	37.5	21.8	18.6	43.5	2.6	26.2	1.0	22.3
5% LSD		639.7		1.5	20.1	14.8				1.8				0.9
C.V.		8.9		1.3	5.5	9.4				2.9				2.9

TABLE: 144-V-84

EVT13 YEAR 1984 BRAZIL PASSO FUNDO

CO-OPERATOR:GILBERTO POZAR, SEMENTES SELECCIONADAS AO

ENTRY NO./PEDIGREE		KG/HA	POST	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
8 Alajuela (1)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11.4	5.6	43.3	1.0	1.1	26.0
14 Across	[illegible]	[illegible]	[illegible]	79	[illegible]	[illegible]	[illegible]	11.9	11.7	44.3	1.0	1.0	25.0
18 Across	[illegible]	[illegible]	[illegible]	79	[illegible]	[illegible]	[illegible]	22.0	9.2	43.5	1.0	1.0	24.5
11 Los Banos(1)	[illegible]	[illegible]	74	80	229	125	17.1	15.1	11.3	43.0	1.0	1.0	25.5
12 Pichilingue	8227	6247	75	80	214	115	16.5	15.5	8.0	44.0	2.0	1.1	23.0
2 Guarare	8224	6160	74	79	229	125	18.8	22.1	12.3	45.8	3.0	0.9	24.0
9 Jardinopolis	8227	6057	72	80	219	118	13.1	15.9	10.9	44.0	2.0	1.0	24.8
4 Poza Rica	8224	6050	72	79	222	124	20.4	25.7	11.1	43.0	2.0	1.0	25.0
10 Los Banos	8227	5983	71	80	221	120	21.6	16.1	11.5	42.5	2.0	1.0	26.5
13 Poza Rica	8227	5847	70	77	196	110	23.6	14.6	9.7	44.8	2.0	1.0	23.8
15 Piura	8136	5794	69	76	202	113	26.8	25.2	12.9	43.8	2.0	1.0	23.0
17 Across	7627 RE	5749	69	77	212	115	26.4	13.1	8.2	44.3	1.0	1.0	24.5
1 Capinopolis	8224	5657	68	80	196	125	10.7	39.2	17.7	45.5	3.0	0.9	24.0
16 Across	8136	5635	67	77	211	117	17.8	32.4	11.2	42.8	2.0	1.1	24.5
5 Piura	8224	5515	66	81	225	131	22.4	32.7	19.1	42.8	2.0	1.0	27.0
7 Across	8224	5509	66	81	227	133	23.9	31.4	13.2	43.5	3.0	1.0	26.0
3 Pichilingue	8224	5477	65	82	235	143	28.7	31.2	12.0	42.8	3.0	1.0	27.0
6 Suwan	8224	5161	62	80	222	129	27.0	44.9	22.4	41.5	2.0	1.1	27.0
MEANS		5958	71	80	219	123	20.9	23.4	12.1	43.6	1.9	1.0	25.1
MAXIMUM		6950	82	82	235	143	28.7	44.9	22.4	45.8	3.0	1.1	27.0
MINIMUM		5161	62	76	196	110	10.7	11.4	5.6	41.5	1.0	0.9	23.0
CHECKS (TESTIGOS):													
20 LOCAL CHECK 2		6377	-	82	254	152	30.2	17.2	7.2	44.0	1.0	1.1	27.8
19 LOCAL CHECK 1		6165	-	76	224	128	24.1	19.4	15.2	41.0	2.0	1.0	23.0
CHECK MEANS		7234	-	79	239	140	27.2	17.8	11.2	42.5	1.5	1.1	25.4
5% LSD		[illegible]		1.2	19.0	11.7				3.6			2.5
C.V.		8.0		1.1	6.1	6.7				5.9			7.1

TABLE: 145-V-84

EVT13 YEAR 1984 COLOMBIA TURIPANA

CO-OPERATOR:HENRY VANEGAS, I.C.A.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	LEAF DIS.	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	BCRER %	MOIST %
18 Across	7728 RE	4241	128	55	236	130	23.5	83.3	40.1	3.2	37.3	2.5	11.4	3.8	8.2	27.1
1 Capinopolis	8224	3876	117	54	209	112	11.9	62.8	43.0	2.5	38.0	3.0	8.5	2.8	3.9	26.3
14 Across	8227	3776	114	54	236	130	11.1	85.2	41.3	2.8	38.5	2.3	5.6	3.5	12.5	25.8
6 Suwan	8224	3755	114	80	212	115	24.7	66.8	36.9	2.5	38.0	2.8	5.6	3.3	3.3	27.5
2 Guarare	8224	3695	112	54	229	129	20.7	73.8	46.4	3.5	39.0	3.3	8.9	3.0	5.2	27.3
7 Across	8224	3454	104	55	225	124	19.6	93.8	49.5	2.8	38.8	3.0	8.2	3.8	4.5	26.8
11 Los Banos(1)	8227	3424	104	54	235	131	16.0	75.3	37.5	3.0	38.3	2.5	6.9	2.5	4.5	27.7
3 Pichilingue	8224	3415	103	54	208	115	17.6	40.6	53.3	3.0	37.8	3.3	9.1	2.5	2.6	27.2
9 Jardinopolis	8227	3402	103	55	225	118	20.2	69.6	41.1	2.8	38.0	2.3	8.1	3.3	2.5	25.6
4 Poza Rica	8224	3326	101	54	210	113	11.7	78.8	47.1	3.0	38.5	3.0	8.6	3.0	4.6	26.2
5 Piura	8224	3251	98	55	247	138	19.6	69.4	48.5	3.5	36.0	3.0	7.9	3.8	6.0	26.2
15 Piura	8136	3119	94	54	227	127	9.8	67.1	50.0	3.0	37.3	3.5	17.8	3.3	4.8	26.2
13 Poza Rica	8227	3035	92	54	213	114	20.0	66.6	41.9	3.5	37.8	3.0	12.7	3.0	10.0	25.7
8 Alajuela (1)	8227	3028	92	54	234	129	16.9	86.3	46.1	3.0	37.5	3.3	4.6	4.0	2.6	28.2
12 Pichilingue	8227	3017	91	54	222	121	18.1	68.4	49.4	2.9	35.8	3.3	9.2	3.0	4.2	25.3
17 Across	7627 RE	2904	88	54	215	113	25.3	96.9	51.3	3.0	37.3	3.5	12.9	3.5	9.3	26.7
10 Los Banos	8227	2874	87	54	235	130	9.6	66.7	36.1	2.5	39.0	2.8	12.4	2.8	2.6	28.2
16 Across	8136	2423	73	54	206	115	16.1	69.3	48.1	3.5	38.8	3.8	10.8	3.0	5.8	27.2
	MEANS	3334	101	56	224	122	17.3	73.4	44.9	3.0	37.8	3.0	9.4	3.2	5.4	26.7
	MAXIMUM	4241	128	80	247	138	25.3	96.9	53.3	3.5	39.0	3.8	17.8	4.0	12.5	28.2
	MINIMUM	2423	73	54	206	112	9.6	40.6	36.1	2.5	35.8	2.3	4.6	2.5	2.5	25.3
CHECKS (TESTIGOS):																
20 ICA V.156		3307	-	55	229	125	10.1	60.1	49.8	2.0	37.3	2.3	18.3	2.8	4.1	28.1
19 ICA V.109		2461	-	55	235	131	20.2	93.9	37.0	2.8	36.8	2.8	10.8	3.0	6.0	27.3
CHECK MEANS		2884	-	54	231	128	15.2	77.0	43.4	2.4	37.0	2.5	14.6	2.9	5.0	27.7
	5% LSD	1195.2		15.9	24.1	14.0					3.5					
	C.V.	25.7		20.3	7.6	8.1					6.5					

TABLE: 146-V-84

EVT13 YEAR 1984 PARAGUAY CARCUPE

CO-OPERATOR:MARIO ESTIGARRIBIA, INS. AGRONOMICO NACIONAL

ENTRY NO./PEDIGREE		KG/HA	ASEST CHECK	DAYS STYLE	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
18 Across	7726 F6	4619	145	[illegible]	143	79	5.5	1.0	7.7	42.5	3.3	13.0	3.3	1.0	16.7
11 Los Banos(1)	6227	4537	144	[illegible]	152	73	5.6	0.7	3.4	39.5	2.9	16.0	3.3	1.1	17.7
5 Piura	6224	4500	142	3	146	79	7.9	0.7	6.1	38.5	3.3	14.2	2.8	1.0	18.4
17 Across	7727 F6	4477	141	2	155	85	5.9	0.3	13.1	39.3	3.8	20.9	3.3	1.0	16.7
2 Guarare	6224	4291	135	91	144	73	16.2	2.0	9.4	41.8	3.0	8.7	2.8	1.0	17.0
12 Pichilingue	6227	4275	135	92	155	83	2.4	0.6	12.2	40.5	3.5	16.7	3.3	1.0	17.5
9 Jardinopolis	6227	4173	131	90	15[illegible]	75	2.5	1.8	9.3	42.0	3.0	15.5	3.0	1.0	16.2
16 Across	6136	4009	126	82	135	78	14.0	1.3	11.3	42.5	3.5	7.7	3.0	1.0	17.5
15 Piura	6136	4006	126	82	13[illegible]	72	4.2	1.9	6.7	40.8	3.8	14.1	3.0	0.9	15.9
6 Suwan	6224	3972	125	82	135	70	10.2	1.9	3.7	41.8	3.0	9.3	3.0	0.9	18.2
1 Capinopolis	6224	3932	124	82	145	74	13.9	2.4	3.4	40.5	3.3	8.9	3.0	1.0	17.0
13 Poza Rica	6227	3917	123	82	129	66	2.6	0.0	15.3	39.3	3.3	10.0	3.0	0.9	15.7
3 Pichilingue	6224	3804	120	81	143	74	4.3	4.4	10.4	39.0	3.8	10.4	3.3	1.0	17.7
8 Alajuela (1)	6227	3770	119	82	163	73	4.9	0.0	11.5	41.8	3.8	9.6	2.8	0.9	16.9
4 Poza Rica	6224	3751	119	82	141	73	10.1	0.6	6.8	42.3	3.3	13.9	3.0	0.9	17.1
10 Los Banos	6227	3692	116	82	159	85	5.6	0.0	15.0	40.5	4.0	23.7	3.3	1.0	16.7
7 Across	6224	3601	110	80	144	81	4.0	5.2	11.5	39.8	4.0	17.6	3.5	0.9	17.0
14 Across	6227	3449	109	80	143	71	3.7	0.6	12.9	40.3	3.5	13.6	3.3	0.9	17.0
MEANS		4035	127	82	146	76	7.1	1.5	9.7	40.7	3.4	13.6	3.1	1.0	17.1
MAXIMUM		4619	145	93	163	85	16.2	5.2	15.3	42.5	4.0	23.7	3.5	1.1	18.9
MINIMUM		2449	108	80	129	66	2.4	0.0	3.4	38.5	2.8	7.7	2.9	0.9	15.7
CHECKS (TESTIGOS):															
20 GERMINAL P-491		3175	-	85	180	94	5.2	2.0	13.3	24.0	4.0	13.0	4.0	1.1	18.0
19 GUARANI V-311		3115	-	92	209	131	20.3	3.2	9.3	37.0	4.0	1.9	3.5	1.0	19.1
CHECK MEANS		3147	-	88	194	112	12.8	2.6	11.3	30.5	4.0	7.5	3.8	1.1	18.6
5% LSD		1073.7		2.4	15.5	13.2				3.8					2.6
C.V.		19.2		2.1	7.3	11.7				6.7					10.5

TABLE: 147-V-84

EVT13 YEAR 1984 PARAGUAY CAPITAN MIRANDA

CO-OPERATOR:VERONICA MACHADO, C.R.I.A.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC SORG	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
18 Across	7725 RE	7497	127	85	195	103	4.1	1.1	2.8	2.0	1.9	42.8	3.0	14.9	2.5	16.0
15 Piura	8135	7169	122	84	193	98	9.2	2.3	0.6	2.3	1.5	43.8	3.3	13.8	2.8	15.9
2 Guarare	8224	7148	121	96	184	94	11.7	0.0	1.7	2.0	2.3	43.0	2.8	10.2	3.0	15.9
6 Suwan	8224	7133	121	98	184	90	8.4	3.4	2.3	2.5	1.3	43.8	3.8	9.5	2.8	17.3
16 Across	8136	7059	120	84	181	89	12.1	0.6	1.2	3.0	1.8	43.0	2.8	14.8	3.0	15.7
4 Poza Rica	8224	6855	116	86	189	91	8.5	2.3	1.2	2.3	1.8	43.8	2.8	8.5	3.0	16.5
7 Across	8224	6843	116	87	190	93	11.0	2.9	2.3	3.3	2.3	43.0	2.8	11.6	2.8	16.6
11 Los Banos(1)	8227	6823	116	87	191	99	5.1	5.2	1.2	2.5	1.8	43.8	3.0	12.0	2.8	16.9
5 Piura	8224	6809	116	87	199	101	17.4	2.3	1.7	2.5	2.3	42.5	3.5	12.2	2.5	16.0
17 Across	7627 RE	6787	115	84	194	101	6.9	1.1	3.3	2.5	1.5	43.5	3.5	14.3	3.3	16.2
1 Capinopolis	8224	6710	114	87	185	91	12.9	1.1	1.2	2.3	1.5	43.0	3.3	12.1	2.5	16.7
14 Across	8227	6617	112	86	193	96	2.9	1.2	2.3	2.0	1.5	43.5	3.5	12.4	2.3	16.1
8 Alajuela (1)	8227	6615	112	88	194	98	5.2	2.3	1.7	2.0	2.3	43.3	3.3	13.8	3.0	16.6
10 Los Banos	8227	6539	111	86	186	93	4.1	0.0	3.0	2.3	2.0	42.8	3.3	12.9	2.8	16.7
12 Pichilingue	8227	6467	110	87	190	99	6.8	3.6	2.8	2.8	1.5	44.3	3.3	7.5	2.5	16.3
9 Jardinopolis	8227	6465	110	86	186	88	3.4	2.3	2.8	2.0	1.0	44.0	3.3	11.9	2.8	16.2
13 Poza Rica	8227	6225	106	87	183	89	3.4	0.0	1.8	2.0	2.0	44.0	3.0	8.2	2.8	16.2
3 Pichilingue	8224	6164	105	88	195	99	14.5	2.9	1.8	2.0	2.8	43.3	3.5	14.4	2.8	16.6
MEANS		6774	115	86	189	94	7.9	1.9	2.0	2.3	1.8	43.4	3.2	11.9	2.7	16.3
MAXIMUM		7497	127	88	199	103	17.4	5.2	3.3	3.3	2.8	44.3	3.8	14.9	3.3	17.3
MINIMUM		6164	105	84	181	83	2.9	0.0	0.6	2.0	1.0	42.5	2.8	7.5	2.3	15.7
CHECKS (TESTIGOS):																
19 GUARANI V-311		5991	-	99	244	155	18.2	5.3	2.5	2.3	2.0	37.0	3.5	7.9	4.3	17.3
20 GERMINAL P-491		5530	-	90	219	116	1.9	0.9	1.6	2.8	1.8	27.5	3.5	13.8	3.0	16.7
CHECK MEANS		5711	-	94	231	135	10.0	3.1	2.0	2.5	1.9	32.3	3.5	10.8	3.6	17.0
5% LSD		560.1		2.0	15.3	11.7						2.0				
C.V.		9.0		1.6	5.6	5.4						3.4				

TABLE: 148-V-84

EVT13 YEAR 1984 PERU PIURA

CO-OPERATOR:M. NEVADO, PCIM-UNA

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPECT	PLANT ASPECT	EARS/ PLAT	MOIST %
7 Across	8224	9119	114	10.1	3.8	50.0	3.3	3.1	1.0	16.5
2 Guamal	8224	8504	106	5.7	3.8	45.8	2.8	3.5	1.0	15.5
4 Poza Rica	8224	8271	103	3.0	4.0	51.0	2.3	3.3	1.0	16.6
17 Across	7727	8243	103	3.5	3.5	50.3	2.5	3.0	1.1	15.7
1 Cacindoolis	8224	8160	102	2.5	3.3	44.8	2.5	3.3	1.0	16.3
3 Pichilingue	8224	8018	100	6.5	4.0	49.8	2.9	3.0	0.9	16.1
5 Piura	8224	8006	100	7.3	4.0	53.0	3.0	3.0	1.0	17.4
18 Across	7728 RE	7984	99	5.5	3.3	50.5	2.5	2.8	1.0	16.5
9 Jardinopolis	8227	7811	97	3.8	4.0	51.3	3.3	3.3	1.0	15.7
6 Suwan	8224	7810	97	4.6	3.3	46.3	2.9	3.0	1.0	17.0
8 Alajuela (1)	8227	7744	96	9.9	4.0	52.5	3.9	3.3	0.9	16.5
12 Pichilingue	8227	7612	95	9.1	3.8	48.3	3.5	3.3	1.0	16.8
11 Los Banos(1)	8227	7516	94	6.1	4.0	54.8	3.5	3.5	0.9	17.1
15 Piura	8136	7515	94	6.6	3.8	49.5	2.0	3.3	1.0	15.0
16 Across	8136	7393	92	10.8	3.3	51.3	2.9	3.5	0.9	16.2
13 Poza Rica	8227	7196	90	4.0	4.0	53.3	2.8	3.3	0.9	15.9
10 Los Banos	8227	6959	87	5.1	4.0	51.5	3.5	3.3	1.0	15.3
14 Across	8227	6480	81	12.1	4.0	49.3	3.9	3.5	0.9	16.2
MEANS		7797	97	6.9	3.9	50.5	2.9	3.1	1.0	16.2
MAXIMUM		9119	114	12.1	4.0	54.8	3.9	3.5	1.1	17.4
MINIMUM		6480	81	2.5	3.5	44.8	2.0	2.5	0.9	15.0
CHECKS (TESTIGOS):										
20 PM-102		8028	-	7.0	3.5	47.3	2.8	2.8	1.0	16.2
19 PM-701		5834	-	30.9	3.5	43.0	3.0	2.5	0.9	16.3
CHECK MEANS		6931	-	13.9	3.5	45.1	2.9	2.6	0.9	16.2
5% LSD		1-25.4				7.7			0.2	1.0
C.V.		13.1				10.8			12.2	4.4

TABLE: 149-V-84

EVT13 YEAR 1984 PERU TARAPOTO

CO-OPERATORS: SCHEUCH, INIPA

ENTRY NO./PEDIGREE		KG/HA	ADJ.EST CHECK	DAYS STLK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
13 Poza Rica	9227	2739	166	57	142	69	32.9	1.2	31.4
15 Piura	8136	2434	141	51	159	87	33.5	1.0	25.1
14 Across	9227	2425	147	53	145	29	35.5	1.1	27.5
18 Across	7724 SR	2405	145	55	194	97	29.0	1.2	29.7
11 Los Banos(1)	9227	2272	135	59	145	96	27.5	1.1	26.3
7 Across	9224	2264	133	55	200	101	29.5	1.0	26.6
10 Los Banos	9227	2232	135	59	195	59	33.0	0.9	30.3
4 Poza Rica	9224	2210	134	54	180	87	27.5	1.1	25.5
6 Suwan	9224	2165	131	59	185	91	26.0	1.1	30.9
16 Across	8136	2107	130	54	191	65	28.3	1.0	26.7
1 Campinopolis	9224	2049	124	56	162	87	35.5	0.9	26.0
2 Guarare	9224	1954	119	50	176	84	25.5	1.0	28.9
5 Piura	9224	1910	116	55	172	92	23.9	1.1	24.4
17 Across	7627 FR	1897	115	50	157	90	29.0	0.9	26.9
9 Jardinopolis	9227	1874	114	54	184	93	27.0	1.0	26.7
12 Pichilingue	9227	1658	101	50	169	85	27.5	0.9	29.0
8 Alajuela (1)	9227	1629	99	45	193	99	25.5	1.0	30.1
3 Pichilingue	9224	1426	87	51	179	87	25.5	0.9	28.2
MEANS		2106	128	55	185	90	29.1	1.0	27.7
MAXIMUM		2739	166	63	200	101	35.5	1.2	31.4
MINIMUM		1426	87	50	172	59	23.9	0.9	24.4
CHECKS (TESTIGOS):									
20 PMC-747		1648	-	60	204	104	20.0	1.0	23.6
19 MARGINAL 28T		1197	-	60	199	99	15.8	1.1	29.9
CHECK MEANS		1422	-	59	201	103	17.9	1.0	26.7
5% LSD		714.4		2.1	21.5	16.1	10.4		3.0
C.V.		24.9		2.6	9.1	12.5	26.3		7.7

TABLE: 150-V-84

EVT13 YEAR 1984 PERU TARAPOTO (2)

CO-OPERATOR:T. SCHEUCA, INIPA-CIPA

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
2 Guarare	8224	[illegible]	141	56	219	110	21.3	6.1	38.8	2.3	1.0	22.7
11 Los Banos(1)	8227	[illegible]	130	59	211	94	13.1	[illegible]	31.3	2.8	1.1	22.2
5 Piura	8224	5174	129	60	196	89	27.7	13.5	34.0	3.0	1.0	23.4
15 Piura	8136	5049	126	56	195	89	15.3	3.7	37.5	3.3	0.9	23.6
7 Across	8224	4952	124	61	203	94	12.4	9.0	32.0	3.0	1.0	23.0
10 Los Banos	8227	4925	123	53	197	91	6.7	3.9	33.0	3.0	1.0	21.9
3 Pichilingue	8224	4892	122	59	195	91	21.7	7.8	30.3	2.8	1.0	24.2
8 Alajuela (1)	8227	4841	121	60	209	98	8.9	10.1	28.5	2.5	1.1	22.5
18 Across	7728 PE	4713	118	61	201	91	17.8	16.7	33.0	2.8	1.0	21.8
1 Capinopolis	8224	4635	116	57	216	109	24.4	7.5	32.3	2.8	0.9	21.4
4 Poza Rica	8224	4355	109	58	205	95	12.4	4.1	31.3	2.8	1.0	21.0
9 Jardinopolis	8227	4327	108	57	204	107	17.9	5.2	30.8	2.8	1.0	21.3
13 Poza Rica	8227	4299	107	59	197	95	14.4	13.4	28.8	3.5	1.0	22.3
6 Suwan	8224	4277	107	60	192	84	20.7	21.7	31.8	2.3	0.9	23.1
12 Pichilingue	8227	4241	106	61	202	93	16.6	16.9	28.0	2.8	1.1	22.4
17 Across	7627 RE	4039	101	59	201	94	14.6	9.5	30.0	3.0	1.1	22.1
16 Across	8136	3940	99	60	174	85	16.7	8.3	28.0	3.5	1.0	22.8
14 Across	8227	3699	92	59	199	91	9.2	12.7	26.5	3.3	1.0	21.7
	MEANS	4023	116	59	201	94	16.2	9.3	31.4	2.9	1.0	22.4
	MAXIMUM	5658	141	61	219	110	27.7	21.7	38.8	3.5	1.1	24.2
	MINIMUM	3699	92	56	174	84	6.7	3.7	26.5	2.3	0.9	21.0
CHECKS (TESTIGOS):												
19 MARGINAL 28 T		3999	-	46	204	97	11.3	20.1	26.5	2.8	1.0	21.6
20 PMC-747		3380	-	62	212	104	15.1	20.8	22.0	3.3	1.0	22.5
CHECK MEANS		3689	-	54	207	100	13.2	20.5	24.3	3.0	1.0	22.0
	5% LSD	1459.8		10.2	17.4	14.3			9.1			2.3
	C.V.	22.3		12.4	6.1	10.7			20.9			7.3

TABLE: 151-V-84

EVT13 YEAR 1984 PERU YURIMAGUAS

CO-OPERATOR:INIPA CIPA XVI, ING. JONATHAN LOPEZ P.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
13 Poza Rica	8227	5827	147	51	229	120	4.7	3.6	20.4	42.0	2.3	3.8	2.3	1.0	17.6
10 Los Banos	8227	5776	145	51	248	137	6.6	5.4	28.3	41.3	2.8	11.8	2.0	1.0	19.2
8 Alajuela (1)	8227	5756	145	52	251	132	8.5	8.9	18.3	39.8	2.0	3.1	2.0	1.0	20.0
7 Across	8224	5697	143	52	251	131	21.3	19.2	27.3	41.0	2.3	8.7	2.5	0.9	19.6
6 Suwan	8224	5631	142	53	232	125	19.4	7.1	21.9	40.0	2.0	13.0	2.3	0.9	22.4
18 Across	7728 RE	5588	141	51	262	142	12.0	7.7	28.5	41.8	3.0	5.7	2.5	0.9	19.2
17 Across	7627 RE	5577	140	51	250	127	11.1	7.7	22.2	41.8	2.3	12.7	2.0	0.9	18.4
12 Pichilingue	8227	5494	138	51	247	128	7.7	9.4	24.8	41.5	2.3	2.8	2.0	1.0	21.1
14 Across	8227	5483	138	51	246	126	9.3	1.1	16.0	42.3	2.3	7.0	2.3	0.9	18.5
4 Poza Rica	8224	5475	138	51	245	130	15.2	5.5	30.5	41.5	2.8	8.9	2.0	0.9	19.3
16 Across	8136	5372	135	51	235	128	18.9	3.6	36.5	40.8	3.3	12.7	2.0	0.9	21.5
9 Jardinopolis	8227	5337	134	51	237	127	10.1	1.8	16.3	41.8	2.0	7.2	2.3	0.9	19.5
3 Pichilingue	8224	5279	133	52	247	146	15.1	5.9	19.3	39.3	2.0	4.8	2.3	0.9	21.8
5 Piura	8224	5203	131	53	246	134	12.3	4.1	25.5	42.5	2.5	5.9	2.5	0.9	22.2
1 Capinopolis	8224	5187	131	52	226	122	14.9	1.7	24.9	43.0	2.5	4.6	2.5	0.9	21.6
15 Piura	8136	5081	128	50	219	115	12.5	7.1	29.4	42.0	2.8	12.4	1.8	0.8	19.1
2 Guarare	8224	4483	113	51	237	130	21.1	3.8	27.3	40.0	3.3	9.2	2.3	0.9	22.6
11 Los Banos(1)	8227	4234	107	52	245	133	6.6	1.2	36.1	41.8	3.0	9.5	2.3	0.8	21.5
MEANS		5360	135	51	242	129	12.6	5.8	25.2	41.3	2.5	8.0	2.2	0.9	20.3
MAXIMUM		5827	147	53	262	146	21.3	19.2	36.5	43.0	3.3	13.0	2.5	1.0	22.6
MINIMUM		4234	107	50	219	115	4.7	1.1	16.0	39.3	2.0	2.8	1.8	0.8	17.6
CHECKS (TESTIGOS):															
20 AM. PLANTA BAJA		3973	-	52	248	131	12.9	22.6	38.2	32.8	2.8	4.6	2.8	0.8	16.1
19 MARGINAL 28 TROPIC.		3952	-	53	274	155	8.8	28.3	30.3	33.5	2.8	11.4	3.3	0.9	20.7
CHECK MEANS		3963	-	52	260	143	10.8	25.4	34.3	33.1	2.8	8.0	3.0	0.8	18.4
5% LSD		911.3		1.1	15.6	14.9				3.7					4.0
C.V.		12.3		1.5	4.5	8.0				6.5					13.9

TABLE: 152-V-84

EVT13 YEAR 1984 MEXICO CD. OBREGON

CO-OPERATOR:ANGEL SOQUI, OSCAR COTA, INIA-CIANO

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 %
15 Piura	8136	7103	100	81	214	129	1.2	13.2	1.1	43.5	3.5	35.3	0.9	15.0
10 Los Banos	8227	7001	10[illegible]	88	215	116	0.0	4.1	2.6	42.5	4.3	15.9	1.1	16.6
16 Across	8136	6884	96	82	219	116	0.6	10.4	1.1	43.3	3.9	18.9	1.0	15.0
18 Across	7726 RE	6872	96	84	228	124	0.0	9.4	1.6	42.0	3.9	16.7	1.2	16.0
2 Guarare	8224	6732	95	83	223	120	0.6	4.9	0.6	41.3	3.9	14.1	1.1	16.6
9 Jardinopolis	8227	6659	94	82	210	113	1.1	6.2	0.5	44.0	4.0	16.0	1.1	15.6
1 Capinopolis	8224	6485	91	83	206	118	0.6	7.4	0.0	42.3	3.5	6.4	1.1	16.1
3 Pichilingue	8224	6448	91	87	221	121	0.6	15.8	2.2	42.5	3.6	12.8	1.1	16.9
12 Pichilingue	8227	6413	90	83	220	120	0.0	12.2	1.0	42.5	4.1	18.5	1.1	17.3
14 Across	8227	6337	89	83	215	106	0.0	5.7	2.5	43.5	4.4	14.6	1.0	16.2
11 Los Banos(1)	8227	6256	88	85	226	115	1.2	11.1	2.9	42.5	3.9	1[illegible].7	1.0	17.5
4 Poza Rica	8224	6183	87	84	225	125	0.0	16.2	4.0	41.0	3.8	14.2	1.0	15.6
8 Alajuela (1)	8227	6159	87	85	223	121	1.2	13.2	0.5	44.0	4.0	10.4	1.0	17.9
17 Across	7627 RE	6085	86	82	220	115	0.6	7.9	1.2	41.5	3.9	17.8	1.1	16.3
13 Poza Rica	8227	6061	85	82	210	109	0.0	4.7	4.0	42.8	4.1	3.0	1.0	16.0
6 Suwan	8224	5892	83	83	219	121	1.2	7.8	3.6	41.5	3.8	14.2	1.0	17.0
7 Across	8224	5819	82	87	226	136	2.4	22.4	4.2	42.3	3.8	19.5	0.9	15.8
5 Piura	8224	5751	81	87	226	133	1.7	8.0	0.6	44.0	3.8	18.0	0.9	16.0
MEANS		6397	90	84	219	120	0.7	10.0	1.9	42.6	3.9	15.9	1.0	16.3
MAXIMUM		7103	100	88	226	136	2.4	22.4	4.2	44.0	4.4	35.3	1.2	17.9
MINIMUM		5751	81	81	206	106	0.0	4.1	0.0	41.0	3.5	6.4	0.9	15.0
CHECKS (TESTIGOS):														
20 V-526		7095	-	86	221	124	1.7	10.7	1.8	42.8	3.8	18.5	1.0	17.6
19 V-455		6369	-	85	211	116	0.0	1.4	0.0	34.5	3.9	19.3	1.2	17.0
CHECK MEANS		6732	-	85	216	120	0.9	6.1	0.9	38.6	3.8	18.9	1.1	17.3
5% LSD		780.2		2.3	23.8	20.6				2.5				1.5
C.V.		8.6		2.0	7.7	12.2				4.1				6.4

TABLE: 153-V-84

EVT13 YEAR 1984 MEXICO XALISCO(NAY)

CO-OPERATOR:ING. CARLOS AGUIRRE, E.S.A, U.A.N.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	LEAF DIS.	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
4 Poza Rica	8224	2880	102	69	171	70	10.5	11.3	2.4	2.8	16.3	2.5	14.9	2.5	1.2	21.6
14 Across	8227	2379	84	70	165	69	13.6	7.2	9.7	2.5	18.5	2.5	13.1	3.3	1.1	21.2
3 Pichilingue	8224	2347	83	73	175	82	16.1	21.1	5.6	2.8	11.3	2.8	20.2	2.5	2.4	21.2
15 Piura	8136	2333	83	66	165	73	16.6	9.0	10.7	2.8	15.3	2.8	21.0	3.3	1.1	19.5
5 Piura	8224	2287	81	73	184	86	10.0	7.0	2.7	2.3	14.8	2.5	15.0	2.5	1.1	19.4
17 Across	7627 RE	2249	80	68	182	77	8.2	11.9	3.2	2.3	15.3	2.3	20.9	3.3	1.2	17.8
8 Alajuela (1)	8227	2169	77	71	181	83	12.0	6.7	3.1	2.3	17.3	2.8	16.5	2.8	1.1	21.5
18 Across	7728 RE	2159	76	70	186	76	13.0	12.1	4.5	2.0	12.5	2.0	23.9	3.3	1.3	19.5
13 Poza Rica	8227	2054	73	67	159	63	13.4	13.9	10.9	2.8	14.0	2.8	17.6	3.8	1.3	19.8
12 Pichilingue	8227	2034	72	69	172	77	32.3	15.5	6.4	2.8	10.5	2.5	25.2	4.0	2.3	21.2
10 Los Banos	8227	1965	70	68	173	77	14.6	9.6	6.8	2.8	13.5	2.5	18.6	3.0	1.3	19.7
9 Jardinopolis	8227	1721	61	69	156	69	17.5	12.5	0.0	3.0	14.5	2.5	33.7	3.3	1.0	20.2
16 Across	8136	1721	61	68	164	70	18.4	10.2	1.8	2.8	12.8	2.8	21.2	3.3	1.1	21.2
6 Suwan	8224	1704	60	72	158	67	22.2	13.0	1.0	2.8	11.3	2.8	22.6	3.5	1.2	22.2
1 Capinopolis	8224	1480	52	71	147	63	35.9	18.4	0.0	3.0	10.5	3.3	26.8	3.0	1.3	21.3
7 Across	8224	1421	50	72	171	76	23.8	15.9	8.3	3.0	8.3	3.0	28.7	3.0	1.7	22.5
11 Los Banos(1)	8227	1413	50	64	173	76	25.2	22.1	4.9	3.0	10.0	2.5	23.7	3.0	1.5	21.5
2 Guarare	8224	1233	44	69	168	73	18.6	13.6	0.0	3.0	9.3	2.5	22.2	3.5	1.1	23.8
MEANS		1975	70	69	169	74	17.9	12.8	4.6	2.7	13.1	2.7	21.4	3.1	1.3	20.8
MAXIMUM		2880	102	73	186	86	35.9	22.1	10.9	3.0	18.5	3.3	33.7	4.0	2.4	23.8
MINIMUM		1233	44	64	147	63	8.2	6.7	0.0	2.0	8.3	2.3	13.1	2.5	1.0	17.8
CHECKS (TESTIGOS):																
19 B-555		2825	-	71	184	76	7.3	7.3	8.4	2.3	15.3	1.3	11.3	2.8	1.2	22.8
20 H-503		2159	-	79	217	131	7.9	7.5	0.0	2.5	18.8	3.0	13.0	1.8	1.0	21.5
CHECK MEANS		2492	-	74	200	103	7.6	7.4	4.2	2.4	17.0	2.1	12.1	2.3	1.1	22.2
5% LSD		1202.0		5.3	19.5	12.8					7.8					
C.V.		41.9		5.4	8.0	11.8					40.8					

TABLE: 154-V-84

EVT13 YEAR 1984 INDONESIA MUNENG

CO-OPERATOR:DR. DAHLAN

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM BORER %	ROOT LODG	SCLER %	EAR BORER	HELM	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
16 Across	8136	5261	119	55	225	153	6.5	1.2	11.2	1.3	1.5	40.0	2.0	9.4	1.8	30.5
6 Suwan	8224	5107	115	54	220	118	4.3	0.5	11.2	1.2	1.5	41.0	2.0	10.4	1.5	31.5
15 Piura	8136	4956	112	54	229	127	3.1	0.0	19.4	2.3	1.5	40.0	2.0	16.9	1.8	33.2
2 Guanare	8224	4934	111	53	220	137	4.0	1.7	11.0	1.5	1.5	41.5	2.0	5.2	2.3	32.0
7 Across	8024	4928	111	56	240	123	5.5	0.3	6.5	1.8	1.5	40.3	2.3	11.0	2.3	34.3
14 Across	8227	4920	110	57	236	127	5.4	0.6	11.8	1.0	1.8	40.8	2.0	2.3	2.3	32.9
10 Los Banos	8227	4876	110	55	239	127	6.2	0.5	10.2	1.5	1.5	40.8	2.0	13.5	2.5	33.6
12 Pichilingue	8227	4824	109	55	237	139	9.8	0.6	8.4	2.3	1.5	40.8	2.0	11.1	2.5	34.0
3 Pichilingue	8224	4767	107	57	237	144	4.3	2.4	8.1	2.0	1.3	41.3	2.3	5.2	2.0	33.5
17 Across	7827 F5	4736	107	55	240	118	8.9	0.0	8.1	1.5	1.8	40.3	2.0	13.9	2.5	30.8
5 Piura	8224	4555	105	57	229	123	5.6	1.8	8.0	1.0	2.3	40.3	2.0	9.0	2.5	34.0
8 Alajuela (1)	8227	4622	104	57	239	133	7.2	1.2	7.2	1.3	1.3	42.0	2.3	7.2	2.3	32.0
11 Los Banos(1)	8227	4587	103	55	235	119	6.3	1.7	9.0	1.8	1.5	40.0	2.0	12.5	2.3	33.1
9 Jardinopolis	8227	4554	103	53	234	116	5.3	0.0	9.0	2.3	1.5	42.0	2.0	11.0	2.3	33.9
1 Campinopolis	8024	4551	102	55	224	144	5.0	3.7	13.4	1.0	1.3	40.3	2.0	7.9	2.3	34.2
4 Poza Rica	8024	4511	102	54	227	106	7.9	4.3	4.0	1.0	1.3	41.5	2.3	6.7	2.0	32.1
18 Across	7727 F5	4136	94	55	240	144	5.3	3.8	21.9	1.5	1.3	38.0	2.3	7.5	2.3	36.0
13 Poza Rica	8227	4134	94	56	224	117	4.2	1.2	8.1	1.3	2.3	41.5	2.3	3.0	2.0	33.8
MEANS		4725	104	55	233	129	6.2	1.5	10.5	1.5	1.5	40.7	2.1	9.2	2.2	33.1
MAXIMUM		5261	119	57	242	153	9.9	4.3	21.9	2.3	2.3	42.0	2.3	16.8	2.5	36.0
MINIMUM		4134	94	53	232	106	4.2	0.0	4.0	1.0	1.3	38.0	2.0	2.3	1.5	30.5
CHECKS (TESTERS):																
19 LOCAL CHECK 1		4441	-	52	243	137	6.9	0.6	1.9	1.5	2.0	44.0	2.0	9.7	2.3	30.6
20 LOCAL CHECK 2		4427	-	51	221	114	9.4	2.3	0.0	1.9	1.5	42.8	2.0	7.0	2.8	29.0
CHECK MEANS		4434	-	51	232	125	8.1	1.4	0.9	1.6	1.8	43.4	2.0	8.4	2.5	29.8
	SE LSD	777.0		1.3	14.3	29.3						2.7				
	C.V.	11.7		1.4	4.3	16.2						4.6				

TABLE: 155-V-84

EVT13 YEAR 1984 VIETNAM HUNG LOC

CO-OPERATOR:VC DINH LONG, PHAM HUY TRUNG

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
3 Pichilingue	8224	5588	122	53	204	103	1.2	43.0	2.0	6.5	1.3	1.0	29.1
18 Across	7728 RE	5526	121	52	218	109	1.8	43.3	2.3	8.5	1.5	0.9	28.8
7 Across	8224	5079	111	53	205	92	2.1	40.8	1.8	8.6	1.0	0.9	30.2
16 Across	8136	5063	111	51	195	90	1.2	42.5	2.0	11.1	1.3	0.9	27.9
8 Alajuela (1)	8227	4936	108	53	224	117	0.6	41.8	1.0	2.7	1.3	0.9	29.1
10 Los Banos	8227	4829	106	51	201	86	2.6	43.3	1.5	9.1	1.5	0.9	29.1
1 Capinopolis	8224	4817	106	52	209	104	1.2	43.5	2.0	8.9	1.5	1.0	31.0
2 Guarare	8224	4735	104	51	198	93	1.2	43.5	2.3	12.0	1.3	0.9	28.8
9 Jardinopolis	8227	4717	103	51	202	106	1.3	41.0	1.3	10.2	1.8	1.0	29.1
6 Suwan	8224	4676	102	52	193	85	1.3	42.0	2.0	7.8	1.5	0.9	30.0
12 Pichilingue	8227	4577	100	53	202	103	0.4	41.3	1.3	5.6	2.0	1.0	29.6
17 Across	7627 RE	4569	100	52	207	104	2.6	42.0	1.5	11.6	1.8	0.9	30.2
11 Los Banos(1)	8227	4547	100	51	200	78	0.6	42.3	1.3	6.3	1.8	1.0	30.5
15 Piura	8136	4464	98	50	206	97	1.3	41.0	2.0	13.5	2.0	0.9	29.1
5 Piura	8224	4448	97	53	197	96	1.2	41.0	2.0	16.7	1.3	1.0	30.7
13 Poza Rica	8227	4364	96	52	202	87	0.0	43.5	1.3	4.4	1.5	0.9	30.2
14 Across	8227	4283	94	51	194	85	1.9	41.8	1.3	6.4	1.5	0.9	28.1
4 Poza Rica	8224	4024	88	50	206	98	2.7	41.3	2.3	15.3	1.8	0.9	29.9
MEANS		4736	104	52	203	96	1.4	42.1	1.7	9.2	1.5	0.9	29.5
MAXIMUM		5588	122	53	224	117	2.7	43.5	2.3	16.7	2.0	1.0	31.0
MINIMUM		4024	88	50	193	78	0.0	40.8	1.0	2.7	1.0	0.9	27.9
CHECKS (TESTIGOS):													
19 EARLY THAI COMP.		4564	-	50	202	86	0.0	38.0	1.3	10.1	2.0	1.0	27.6
20 NHA HO COMP		4071	-	50	212	112	0.8	31.8	2.0	5.7	2.5	0.9	24.4
CHECK MEANS		4318	-	49	206	98	0.4	34.9	1.6	7.9	2.3	1.0	26.0
5% LSD		861.7		1.4	17.1	23.8		3.7					3.4
C.V.		13.0		1.9	5.9	17.4		6.2					8.2

TABLE: 156-V-84

EVT13 YEAR 1984 VIETNAM HO-CHI-MINH CITY

CO-OPERATOR:VO DINH LONG, PHAN THUONG TRINH

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
7 Across	8224	3422	113	54	166	73	1.2	0.0	2.0	40.8	1.3	1.3	1.3	0.9	38.3
15 Piura	8136	3311	111	54	170	79	0.0	0.0	0.0	39.8	1.5	2.7	1.5	1.0	38.0
18 Across	7728 RE	3247	109	55	173	79	1.9	1.3	0.7	39.8	1.3	2.1	1.0	0.9	38.4
2 Guarare	8224	3280	108	54	168	74	1.3	1.2	1.3	39.8	1.3	2.6	1.3	1.0	37.7
13 Poza Rica	8227	3268	109	53	170	78	2.5	1.9	0.0	41.3	2.0	0.6	2.0	1.0	36.3
17 Across	7627 RE	3225	106	55	173	80	0.6	0.0	1.3	41.5	1.3	1.8	2.3	1.0	37.8
11 Los Banos(1)	8227	3222	106	55	170	78	0.7	1.3	0.0	40.0	2.0	0.7	2.5	0.9	39.9
8 Alajuela (1)	8227	3203	105	56	170	79	2.4	0.6	0.6	40.5	1.3	1.9	1.0	0.9	37.1
1 Capinopolis	8224	3197	105	55	160	69	6.0	4.2	2.1	42.3	2.3	1.3	1.5	0.9	36.2
6 Suwan	8224	3076	101	55	160	68	2.4	2.5	0.0	41.0	2.5	0.6	2.0	0.9	37.2
4 Poza Rica	8224	3070	101	55	163	66	1.2	0.0	0.8	41.3	2.5	1.9	2.5	0.9	37.9
5 Piura	8224	3066	101	55	173	76	0.0	1.8	0.0	40.5	2.8	2.6	2.3	0.9	38.3
3 Pichilingue	8224	3026	100	55	170	76	1.3	0.0	0.7	40.3	3.0	0.7	2.3	0.9	36.5
16 Across	8136	2885	95	55	168	78	5.0	2.4	1.3	40.5	1.8	1.2	2.3	0.9	38.5
10 Los Banos	8227	2768	91	55	166	79	1.8	0.6	0.0	40.3	2.8	1.4	2.3	0.9	38.4
12 Pichilingue	8227	2679	88	55	158	70	0.7	1.2	0.0	39.5	3.0	1.4	3.0	0.9	36.9
9 Jardinopolis	8227	2606	86	55	163	66	2.5	5.6	1.5	40.5	2.8	0.7	2.5	0.9	37.9
14 Across	8227	2534	83	55	161	75	2.0	3.5	0.8	40.0	2.3	1.3	2.3	0.9	37.6
MEANS		3066	101	55	167	74	1.9	1.6	0.7	40.5	2.1	1.5	2.0	0.9	37.7
MAXIMUM		3422	113	56	173	80	6.0	5.6	2.1	42.3	3.0	2.7	3.0	1.0	39.9
MINIMUM		2534	83	53	158	66	0.0	0.0	0.0	39.5	1.3	0.6	1.0	0.9	36.2
CHECKS (TESTIGOS):															
19 EARLY THAI COMP.		3037	-	52	165	79	3.3	1.3	0.6	38.5	1.8	2.0	2.3	1.0	37.3
20 A1		2170	-	52	173	84	1.1	0.0	0.0	22.3	1.0	4.2	3.0	1.0	37.2
CHECK MEANS		2604	-	51	171	81	2.2	0.7	0.3	30.4	1.4	3.1	2.6	1.0	37.2
5% LSD		575.6		0.7	11.9	11.4				2.8					2.2
C.V.		13.5		0.9	5.0	10.7				5.0					4.2

TABLE: 157-V-84

YEAR: 1984

TRIAL: SVT13
MEANS ACROSS 49 LOCATIONS

ENTRY NO. AND NAME		PARENT POPULATION	REGION I KG./HA	REGION II KG./HA	REGION IV KG./HA	REGION VI KG./HA	OVER ALL <-----MEAN-----> DAYS FLOWER	PLANT HT.	KG./HA
18 Across	7726 RE	Amarillo Dentado	5615	5357	3167	4039	60	219	5118
16 Across	8133	Cocoliero	5242	5143	3574	4391	59	206	4967
7 Across	8224	Ant. Veracruz 181	5264	4896	3204	4491	61	216	4884
1 Capinopolis	8224	Ant. Veracruz 181	5207	5099	2596	4301	59	204	4861
2 Guarare	8224	Ant. Veracruz 181	5213	5113	2[illegible]2	4213	59	209	4860
11 Los Banos(1)	8227	Amarillo Cristalino-1	5241	5134	2782	3955	60	216	4852
15 Piura	8136	Cocoliero	5174	5149	2809	4130	58	205	4850
3 Pichilingue	8224	Ant. Veracruz 181	5069	5167	2712	4312	61	213	4843
8 Alajuela (1)	8227	Amarillo Cristalino-1	5152	5046	2988	4030	61	218	4800
14 Across	8247	Amarillo Cristalino-1	5091	5052	2808	4070	59	208	4777
4 Poza Rica	8224	Ant. Veracruz 181	5095	5002	2784	4209	59	208	4773
9 Jardinopolis	8227	Amarillo Cristalino-1	5115	4966	2847	4075	59	210	4763
5 Piura	8224	Ant. Veracruz 181	5170	4920	2535	4043	61	215	4739
10 Los Banos	8227	Amarillo Cristalino-1	5127	4973	2715	3870	60	214	4725
6 Suwan	8224	Ant. Veracruz 181	5023	4909	2625	4309	61	207	4711
12 Pichilingue	8227	Amarillo Cristalino-1	5091	4886	2499	4104	60	210	4700
13 Poza Rica	8227	Amarillo Cristalino-1	5040	4954	2509	4017	59	203	4697
17 Across	7627 RE	Amarillo Cristalino-1	4949	4737	2923	3898	59	215	4588
Mean			5145	5022	2919	4137	60	211	4806
No of Location			21	17	3	8	44	45	49

Region I= South America
II= North, Central America and the Caribbean
IV= West Africa
VI= Asia

TABLE: 158-V-84

EVT14A YEAR 1994 ARGENTINA LEALES

CO-OPERATOR:LUIS GERONIMO GOMEZ, INTA LEALES

ENTRY NO./PEDIGREE		KG/HA	PERCT CHECK	STEM LODG	PLANTS HARV	EARS/ PLNT
7 Mungens	8235	4087	90	20.5	34.3	1.0
4 Ferke	8235	4085	90	17.3	31.5	1.0
11 Across	8235	4084	90	21.3	33.3	0.9
12 Sete Lagoas	7931 RE	3958	87	18.5	34.3	1.0
3 Across	8126	3793	84	19.0	35.5	0.9
5 Ferke (1)	8235	3559	79	19.5	32.3	0.9
10 Tocumen (1)	8235	3506	77	20.0	29.0	1.0
2 Piura	8126	3464	77	21.3	33.3	0.8
6 Capinopolis	8235	3444	76	17.3	31.3	0.9
1 Dharwar	8126	3313	73	19.3	33.3	0.9
13 Across	7635 RE	3247	72	20.0	29.5	0.8
9 Tocumen	8235	3229	71	14.5	31.3	0.8
8 Poza Rica	8235	3126	69	17.0	30.5	0.7
MEANS		3608	80	19.9	32.3	0.9
MAXIMUM		4087	90	21.8	35.5	1.0
MINIMUM		3126	69	14.5	29.0	0.7
CHECKS (TESTIGOS):						
14 LEALES 25		4526	-	24.3	34.5	0.9
15 TROPICO 228		4006	-	30.8	35.5	1.0
CHECK MEANS		4266	-	27.5	35.3	0.9
5% LSD		587.5			5.9	
C.V.		19.7			12.5	

TABLE: 159-V-84

EVT14A YEAR 1984 ARGENTINA ORAN

CO-OPERATOR:CARGILL S.A.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	STEM LODG	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
3 Across	8126	4606	60	17.6	33.5	2.3	3.3	1.2	19.2
12 Sete Lagoas	7931 RE	4573	59	15.4	36.8	2.3	3.0	1.1	19.1
2 Piura	8126	4482	58	22.1	31.5	2.0	3.3	1.1	18.1
1 Dharwar	8126	4370	57	16.7	33.8	2.3	2.8	1.3	18.3
6 Capinopolis	8235	4015	52	26.9	29.5	3.3	2.8	1.1	17.9
7 Muneng	8235	3676	48	19.4	33.3	3.5	3.0	1.1	17.9
11 Across	8235	3602	47	29.8	31.0	3.5	3.0	1.1	19.1
5 Ferke (1)	8235	3511	46	18.6	32.8	3.8	3.3	0.9	18.2
8 Poza Rica	8235	3315	43	17.4	29.0	3.5	3.5	1.0	17.9
4 Ferke	8235	3292	43	22.3	32.5	3.5	4.0	1.0	17.7
10 Tocumen (1)	8235	3141	41	29.6	30.5	3.5	3.8	0.9	19.0
13 Across	7635 RE	3104	40	18.5	22.8	3.3	3.8	1.3	16.4
9 Tocumen	8235	2905	38	27.2	31.8	3.3	3.8	0.8	18.3
	MEANS	3738	48	21.7	31.4	3.1	3.3	1.1	18.2
	MAXIMUM	4606	60	29.8	36.8	3.8	4.0	1.3	19.2
	MINIMUM	2905	38	15.4	22.8	2.0	2.8	0.8	16.4
CHECKS (TESTIGOS):									
15 CARGILL EXP.38021		7712	-	7.4	36.5	1.3	2.8	1.5	22.6
14 TROPICO 228		6126	-	17.2	32.0	1.8	3.0	1.5	21.0
CHECK MEANS		6919	-	12.3	34.3	1.5	2.9	1.5	21.8
	5% LSD	800.1			5.2				2.0
	C.V.	13.5			11.5				7.5

TABLE: 160-V-84

EVT14A YEAR 1984 BOLIVIA INDEPENDENCIA

CO-OPERATOR:ALBERTO MINOJOSA PADILLA, CORDECH

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 Piura	8126	10109	111	62	223	120	0.0	0.0	7.4	37.0	1.0	1.0	1.6	21.4
1 Charwar	8126	[illegible]	103	63	205	105	3.8	0.0	10.5	39.5	1.3	1.3	1.4	21.5
4 Ferke	8235	[illegible]	[illegible]	[illegible]	[illegible]	105	3.4	1.6	8.1	37.5	1.5	1.0	1.4	21.5
3 Across	8126	[illegible]	[illegible]	63	214	119	9.2	3.7	8.7	34.5	1.0	1.3	1.4	21.9
12 Sete Lagoas	7931 RE	8247	91	62	214	112	1.8	0.0	9.7	40.5	1.5	1.3	1.5	22.4
11 Across	8235	8146	90	63	225	115	4.4	1.5	12.5	35.0	1.8	1.3	1.4	20.6
8 Poza Rica	8235	8030	89	62	209	103	4.0	2.4	6.9	41.5	1.3	1.5	1.2	20.6
5 Ferke (1)	8235	7997	88	62	220	99	0.6	0.0	10.0	34.0	1.5	1.5	1.4	21.7
6 Capinopolis	8235	7892	87	63	215	118	1.2	0.6	10.9	36.0	2.3	1.3	1.2	21.4
10 Tocumen (1)	8235	7786	86	63	203	109	2.2	0.0	3.2	32.8	1.0	1.5	1.5	22.2
7 Muneng	8235	7712	85	62	215	110	2.1	0.0	9.5	35.5	1.8	1.5	1.3	21.4
9 Tocumen	8235	7396	81	62	205	105	4.0	0.0	12.9	34.5	2.0	1.5	1.3	21.4
13 Across	7835 RE	6687	73	62	210	110	3.2	0.0	12.0	31.5	1.8	1.3	1.2	21.6
MEANS		8198	90	63	211	110	3.1	0.5	9.4	36.1	1.5	1.3	1.4	21.5
MAXIMUM		10109	111	63	225	120	9.2	2.4	12.9	41.5	2.3	1.5	1.6	22.4
MINIMUM		6687	73	62	200	99	0.0	0.0	3.2	31.5	1.0	1.0	1.2	20.6
CHECKS (TESTIGOS):														
14 AM. CRIST. IBOP.		9099	-	67	253	150	1.8	0.6	8.7	40.8	1.0	1.3	1.3	23.5
15 AMAR. IBOP.		8944	-	70	279	173	3.3	7.7	7.2	39.0	1.5	1.3	1.2	22.7
CHECK MEANS		9022	-	64	265	162	2.6	4.1	7.9	39.9	1.3	1.3	1.3	23.1
5% LSD		1230.1		1.4	19.5	17.4				7.1				2.6
C.V.		15.4		1.5	6.2	10.4				13.6				8.2

TABLE: 161-V-84

EVT14A YEAR 1984 BRAZIL SETE LAGOAS

CO-OPERATOR:RICARDO MAGNAVACA, EMBRAPA-CNPMS

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
1 Dharwar	8126	6196	105	193	90	2.8	18.2	4.3	44.0	1.0	14.8
3 Across	8126	5641	95	196	95	2.3	1.1	5.2	42.8	1.0	14.8
5 Ferke (1)	8235	5640	95	181	83	5.7	12.6	1.7	43.5	1.0	14.4
2 Piura	8126	5633	95	199	96	6.0	17.8	4.6	42.5	1.0	15.6
4 Ferke	8235	5364	91	185	90	4.8	16.5	4.9	43.3	1.0	14.9
10 Tocumen (1)	8235	5275	89	190	89	4.1	18.8	0.6	42.8	1.0	14.8
7 Muneng	8235	5172	87	186	83	5.2	4.5	2.2	43.8	1.0	14.4
11 Across	8235	5048	85	194	94	4.7	13.0	4.0	43.0	1.0	14.9
12 Sete Lagoas	7931 RE	5012	85	181	84	4.0	8.0	3.4	43.0	1.0	15.5
8 Poza Rica	8235	4978	84	179	83	3.1	3.5	1.2	42.0	1.0	14.8
6 Capinopolis	8235	4962	84	184	88	3.6	7.7	1.7	42.0	1.0	14.6
9 Tocumen	8235	4626	78	183	81	6.4	10.3	1.7	43.3	1.0	15.1
13 Across	7635 RE	4579	77	181	80	7.8	10.2	3.0	41.8	1.0	14.2
	MEANS	5241	89	187	87	4.6	10.9	3.0	42.9	1.0	14.8
	MAXIMUM	6198	105	199	96	7.8	18.8	5.2	44.0	1.0	15.6
	MINIMUM	4579	77	179	90	2.3	1.1	0.6	41.8	1.0	14.2
CHECKS (TESTIGOS):											
15 BR-300		5916	-	215	113	3.5	24.4	3.6	36.8	1.1	17.4
14 BR-301		5902	-	211	111	3.2	8.8	3.4	40.5	1.1	15.6
CHECK MEANS		5909	-	213	111	3.3	16.6	3.5	38.6	1.1	16.5
	5% LSD	1035.5		12.7	11.3				2.4		0.6
	C.V.	13.6		4.7	3.7				4.0		2.7

TABLE: 162-V-84

EVT14A YEAR 1984 BRAZIL RIBEIRO PRETO

CO-OPERATOR:SEMENTES REIS DE OURO LTDA

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
8 Poza Rica	8235	5299	84	55	219	110	5.1	44.0	1.3	2.8	3.8	1.0	12.4
11 Across	8235	5228	83	56	206	115	4.2	42.0	2.3	1.3	3.5	1.0	12.3
2 Piura	8126	5171	82	57	219	118	4.2	45.3	1.5	1.7	4.0	1.0	12.4
10 Tocumen (1)	8235	5143	81	57	219	103	4.1	43.0	2.3	1.8	3.8	1.0	12.5
3 Across	8126	5141	81	57	225	118	3.7	42.0	1.3	3.0	4.5	1.0	12.5
5 Ferke (1)	8235	5138	81	56	193	98	3.9	43.0	1.5	2.3	3.8	1.0	12.6
7 Muneng	8235	5001	79	56	208	104	6.0	41.5	2.3	3.0	4.3	1.0	12.3
12 Sete Lagoas	7931 RE	4949	78	56	191	99	5.6	44.5	1.5	3.4	4.5	1.0	12.4
6 Capinopolis	8235	4797	76	55	211	106	1.8	42.8	1.5	1.7	4.0	1.0	12.4
1 Dharwar	8126	4748	75	55	190	96	3.7	41.3	2.0	4.4	3.8	1.0	12.4
13 Across	7635 RE	4595	73	56	208	99	9.5	40.5	2.3	1.3	3.3	1.0	12.4
4 Ferke	8235	4429	70	57	198	100	8.8	40.3	2.5	0.6	3.8	1.0	12.3
9 Tocumen	8235	4351	69	56	191	93	5.0	41.3	2.3	4.8	3.5	1.0	12.3
	MEANS	4922	78	56	206	104	5.1	42.4	1.9	2.5	3.9	1.0	12.4
	MAXIMUM	5299	84	57	225	118	9.5	45.3	2.5	4.8	4.5	1.0	12.6
	MINIMUM	4351	69	55	190	93	1.8	40.3	1.3	0.6	3.3	1.0	12.3
CHECKS (TESTIGOS):													
15 RC 3417		6333	-	62	260	158	7.6	40.8	2.0	3.6	4.3	1.0	12.3
14 RC 4022		5262	-	64	259	158	7.6	44.0	2.3	0.6	4.3	1.0	12.2
CHECK MEANS		5797	-	63	259	157	7.6	42.4	2.1	2.1	4.3	1.0	12.2
	5% LSD	1009.8		1.0	23.3	14.6		4.8					0.3
	C.V.	14.0		1.2	7.7	9.2		8.0					1.7

TABLE: 163-V-84

EVT14A YEAR 1984 BRAZIL CAPINOPOLIS

CO-OPERATOR:SEMENTES AGRCCERES S.A.

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	EARS/ PLNT
5 Ferke (1)	8235	6309	89	52	181	84	1.1	1.7	0.6	1.5	3.0	43.3	3.0	2.3	1.0
7 Muneng	8235	6243	89	54	190	89	4.6	0.0	0.6	2.5	3.0	43.8	2.5	3.3	1.0
6 Capinopolis	8235	6169	87	53	173	91	2.9	1.1	0.6	2.0	2.5	43.5	2.5	2.8	1.0
2 Piura	8126	6138	87	54	199	99	2.8	1.7	2.3	1.8	1.8	44.0	1.3	2.8	0.9
1 Dharwar	8126	5924	83	53	183	94	3.4	0.6	2.9	2.0	1.8	44.0	2.0	2.5	1.0
10 Tocumen (1)	8235	5697	81	54	189	91	0.6	3.5	0.6	2.0	3.0	43.0	3.3	2.8	1.0
11 Across	8235	5584	79	54	191	86	3.5	2.9	0.6	2.3	3.0	43.3	3.5	2.8	1.0
8 Poza Rica	8235	5584	79	53	176	84	2.9	0.6	0.6	2.0	3.0	42.9	2.8	2.8	1.0
9 Tocumen	8235	5564	79	54	180	94	3.4	0.6	0.0	2.8	3.0	44.0	3.0	2.8	1.0
13 Across	7635 RE	5550	79	53	183	84	9.2	1.9	3.0	2.5	2.8	41.0	3.0	2.8	1.0
4 Ferke	8235	5547	79	54	175	96	2.9	2.9	1.7	1.5	2.8	43.5	3.0	2.8	1.0
12 Sete Lagoas	7931 RE	5447	77	52	175	93	3.4	0.6	1.7	1.5	2.0	43.5	2.3	2.3	1.0
3 Across	8126	5254	74	54	185	89	1.7	0.0	2.4	2.3	2.0	43.8	2.8	3.0	0.9
MEANS		5762	82	53	184	88	3.3	1.4	1.3	2.0	2.6	43.3	2.7	2.7	1.0
MAXIMUM		6309	89	54	199	99	9.2	3.5	3.0	2.8	3.0	44.0	3.5	3.3	1.0
MINIMUM		5254	74	52	175	83	0.6	0.0	0.0	1.5	1.8	41.0	1.3	2.3	0.9
CHECKS (TESTIGOS):															
14 AG-301		7053	-	62	226	135	8.1	0.0	0.6	1.0	4.0	43.5	1.0	4.0	1.0
15 AG-401		6514	-	62	236	136	6.4	1.2	0.6	1.0	2.8	42.8	1.8	4.0	1.0
CHECK MEANS		6784	-	61	231	135	7.2	0.6	0.6	1.0	3.4	43.1	1.4	4.0	1.0
5% LSD		900.4		1.2	16.2	15.7						1.2			
C.V.		10.7		1.6	6.0	11.7						1.9			

TABLE: 164-V-84

EVT14A YEAR 1984 BRAZIL BARRETOS

CO-OPERATOR:BRASKALB

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC POLY	HELM TURC	PLANTS HARV	EARS/ PLNT	MOIST %
3 Across	8126	4651	94	56	212	118	6.8	2.8	10.1	3.8	1.0	43.8	1.0	15.8
2 Piura	8126	4444	90	55	212	117	14.3	2.8	9.4	3.0	1.0	43.8	1.0	16.8
5 Ferke (1)	8235	4395	89	54	203	107	8.7	3.0	6.5	4.8	1.8	42.8	1.0	16.0
11 Across	8235	4375	89	55	204	103	9.0	4.8	6.8	4.0	2.0	42.0	1.0	15.8
10 Tocumen (1)	8235	4357	88	55	201	109	26.2	5.2	10.5	4.0	1.0	42.5	1.0	17.3
9 Tocumen	8235	4286	87	55	209	111	16.1	2.3	9.1	4.8	1.0	43.3	1.0	16.3
7 Muneng	8235	4235	87	54	202	103	13.3	0.0	4.8	4.8	1.8	42.8	1.0	15.8
6 Capinopolis	8235	4196	85	56	213	109	11.6	4.7	3.6	3.8	2.5	39.8	0.9	16.3
12 Sete Lagoas	7931 RE	4099	83	53	201	107	4.0	4.0	5.6	4.8	1.0	43.8	0.9	16.3
1 Dharwar	8126	4036	82	55	199	113	4.5	4.5	16.3	3.0	1.0	44.3	1.0	17.3
8 Poza Rica	8235	4043	82	55	184	96	14.5	2.9	10.0	4.0	1.0	43.0	0.9	16.0
4 Ferke	8235	3832	78	53	205	104	9.2	2.9	10.7	4.0	1.8	43.8	0.9	16.3
13 Across	7635 RE	3732	76	54	193	98	32.4	1.5	10.6	4.8	1.0	40.3	1.0	15.8
MEANS		4218	86	55	204	107	13.1	3.2	8.8	4.1	1.4	42.8	1.0	16.3
MAXIMUM		4651	94	56	218	118	32.4	5.2	16.3	4.8	2.5	44.3	1.0	17.3
MINIMUM		3732	76	53	184	96	4.0	0.0	3.6	3.0	1.0	39.8	0.9	15.8
CHECKS (TESTIGOS):														
15 XL-678A		4926	-	61	237	146	32.3	3.1	17.8	2.0	1.0	41.3	1.0	16.3
14 XL-560		3047	-	60	221	133	11.0	8.3	15.4	4.8	2.8	43.3	0.9	15.3
CHECK MEANS		3986	-	60	229	139	21.6	5.7	16.6	3.4	1.9	42.3	0.9	15.8
5% LSD		313.7		0.9	10.8	6.4						2.3		1.5
C.V.		5.3		1.1	3.7	4.0						3.7		6.5

TABLE: 165-V-84

EVT14A YEAR 1984 BRAZIL PASSO FUNDO

CO-OPERATOR:GILBERTO POZAR, SEMENTES SELECIONADAS AO

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
3 Across	8126	6182	75	75	216	110	39.9	32.6	14.9	43.8	2.0	1.0	22.0
1 Dharwar	8126	5662	68	74	198	99	40.5	40.1	17.0	43.8	2.0	1.0	23.3
2 Piura	8126	5639	68	74	217	107	34.3	42.9	19.5	43.0	2.0	1.1	24.3
12 Sete Lagoas	7931 RE	5314	64	77	191	92	38.2	30.9	14.3	43.3	2.0	1.0	23.3
11 Across	8235	5001	60	73	211	104	27.6	62.7	22.9	43.0	3.0	1.0	22.8
8 Poza Rica	8235	4843	58	77	203	105	26.6	51.3	14.6	43.0	3.0	1.0	21.5
7 Muneng	8235	4694	56	74	209	106	26.7	70.5	22.2	44.0	3.0	1.0	21.8
13 Across	7635 RE	4496	54	71	189	90	26.8	61.9	28.7	43.3	5.0	1.0	22.3
10 Tocumen (1)	8235	4446	54	75	196	101	35.4	54.9	25.4	43.8	3.0	1.0	24.0
6 Capinopolis	8235	4431	53	74	203	95	38.8	49.7	17.1	43.8	4.0	0.9	22.0
4 Ferke	8235	4191	51	75	199	95	34.2	57.8	23.9	43.8	4.0	1.0	22.3
5 Ferke (1)	8235	4092	49	72	196	93	31.4	57.7	16.2	43.5	4.0	1.0	22.0
9 Tocumen	8235	4000	48	73	196	101	23.3	56.8	19.7	43.3	3.0	1.0	22.5
MEANS		4845	58	74	202	100	32.6	52.3	19.7	43.6	3.1	1.0	22.6
MAXIMUM		6182	75	77	217	110	40.5	70.5	28.7	44.0	5.0	1.1	24.3
MINIMUM		4000	48	71	189	90	23.3	30.9	14.3	43.0	2.0	0.9	21.5
CHECKS (TESTIGOS):													
15 LOCAL CHECK 2		8293	-	83	249	147	61.8	10.4	3.6	42.8	1.0	1.1	27.5
14 LOCAL CHECK 1		8130	-	75	225	111	43.8	19.9	5.3	44.0	1.0	1.1	23.0
CHECK MEANS		8212	-	79	236	128	52.8	15.1	4.5	43.4	1.0	1.1	25.3
5% LSD		712.1		2.3	13.5	11.6				2.1			2.1
C.V.		9.4		2.2	4.6	7.9				3.4			6.4

TABLE: 166-V-84

EVT14A YEAR 1984 PARAGUAY CAACUPE

CO-OPERATOR:MARIO ESTIGARRIBIA, INSTITUTO AGR. NACIONAL

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 Tocumen (1) 8235	4514	139	76	153	68	8.9	5.5	3.5	41.8	2.5	20.4	2.5	1.0	17.4
12 Sete Lagoas 7931 RE	4455	138	76	135	52	0.6	0.6	3.6	42.0	2.5	14.6	2.5	1.0	17.6
13 Across 7635 RE	4209	137	76	140	49	17.6	9.4	7.3	38.3	2.8	22.3	2.5	1.1	16.2
5 Ferko (1) 8235	4[illegible]	132	75	133	[illegible]	7.2	1.8	8.6	41.3	2.8	18.4	2.8	1.0	16.1
11 Across 8235	4[illegible]	126	76	152	53	7.7	4.3	9.6	41.3	3.3	25.2	2.8	0.9	16.6
6 Capinopolis 8235	4017	124	76	140	[illegible]	5.3	5.7	2.3	42.3	2.8	19.9	2.8	1.0	15.2
1 Dharwar 8126	3878	120	76	133	50	3.6	0.0	11.0	41.8	3.5	31.9	2.8	1.0	16.5
7 Muneng 8235	3709	115	76	155	55	3.9	2.4	7.2	42.3	3.0	12.1	2.8	1.0	15.4
4 Ferke 8235	3633	112	77	140	53	[illegible]	1.8	5.0	39.8	3.0	13.5	2.8	1.0	16.0
9 Tocumen 8235	3564	110	76	138	50	15.1	3.7	6.7	40.5	3.8	24.6	3.0	1.0	16.4
3 Across 8126	3524	109	76	153	53	1.7	0.5	9.0	42.5	3.5	13.0	2.3	0.9	15.5
8 Poza Rica 8235	3272	101	76	130	50	7.2	3.6	5.9	41.5	3.5	20.0	3.0	1.0	14.9
2 Piura 8126	2796	86	77	135	55	7.8	1.3	7.6	41.8	4.3	23.8	2.5	0.9	16.9
MEANS	3859	119	76	142	53	7.4	3.1	7.0	41.3	3.2	20.2	2.7	1.0	16.2
MAXIMUM	4514	139	77	153	65	17.6	9.4	11.0	42.5	4.3	31.9	3.0	1.1	17.6
MINIMUM	2796	86	75	120	48	0.6	0.0	2.3	38.3	2.5	12.1	2.3	0.9	14.9
CHECKS (TESTIGOS):														
15 GERMINAL P-491	3238	-	96	192	100	0.0	1.3	5.7	23.3	3.5	5.6	3.8	1.2	20.4
14 GUARANI V-311	3164	-	94	233	125	9.9	2.1	10.1	36.0	3.8	1.7	3.0	1.0	25.2
CHECK MEANS	3201	-	90	212	112	4.4	1.7	7.9	29.6	3.6	3.6	3.4	1.1	22.8
5% LSD	1087.9		1.9	21.0	17.8				3.2					1.8
C.V.	20.2		1.7	9.7	20.5				5.6					7.5

TABLE: 167-V-84

EVT14A YEAR 1984 PARAGUAY CAPITAN MIRANDA

CO-OPERATOR:VERONICA MACHADO, C.R.I.A.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	YEAR ROT	PUCC SORG	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
2 Piura	8126	6788	115	83	179	88	12.3	1.8	4.5	3.3	1.8	43.0	3.3	17.4	2.3	17.7
3 Across	8126	6540	110	79	181	88	9.7	1.7	1.7	3.3	1.0	43.8	2.5	23.2	2.5	17.9
4 Ferke	8235	6480	109	81	169	80	14.5	1.8	1.7	3.5	1.5	42.8	2.5	22.5	2.5	17.2
10 Tocumen (1)	8235	6444	109	81	179	86	14.5	1.1	1.8	3.5	2.3	42.0	2.3	28.3	2.8	17.5
1 Dharwar	8126	6406	108	80	175	85	4.5	4.5	4.0	2.5	1.8	44.0	2.8	41.8	2.0	17.6
5 Ferke (1)	8235	6403	108	81	169	81	9.9	0.0	1.1	3.5	1.5	43.0	2.0	12.1	2.3	17.5
13 Across	7635 RE	6236	106	79	168	83	25.2	0.6	1.8	3.0	1.5	42.8	3.0	30.1	3.0	17.3
7 Muneng	8235	6132	103	81	173	81	9.1	0.6	1.2	3.3	1.3	41.9	3.5	18.2	2.5	16.9
11 Across	8235	5990	101	82	170	81	19.1	3.1	3.6	3.3	1.3	42.0	2.8	34.0	3.3	17.0
9 Tocumen	8235	5990	101	81	169	79	22.2	0.0	1.8	3.5	2.0	42.8	3.5	20.0	3.3	17.7
6 Capinopolis	8235	5958	101	80	175	83	14.6	0.0	0.6	3.5	1.3	42.8	2.8	21.0	2.5	17.1
12 Sete Lagoas	7931 RE	5800	98	82	165	79	2.5	1.8	9.8	3.8	1.5	43.3	4.3	15.3	3.0	18.3
8 Poza Rica	8235	5713	96	81	159	74	17.0	1.7	1.7	3.3	1.5	43.0	3.3	18.3	.8	17.0
MEANS		6225	105	81	171	82	13.5	1.4	2.7	3.3	1.6	42.9	2.9	23.2	2.7	17.4
MAXIMUM		6788	115	83	181	88	25.2	4.5	9.8	3.8	2.3	44.0	4.3	41.6	3.3	18.3
MINIMUM		5713	96	79	159	74	2.8	0.0	0.6	2.5	1.0	41.8	2.0	12.1	2.0	16.9
CHECKS (TESTIGOS):																
14 GUARANI V-311		5926	-	104	245	156	9.8	2.1	3.4	3.3	1.5	34.8	3.5	2.1	3.8	21.0
15 GERMINAL P-491		5845	-	93	224	124	3.0	1.0	1.6	2.8	2.5	26.0	2.0	11.2	2.8	20.3
CHECK MEANS		5835	-	100	235	140	6.4	1.6	2.5	3.0	2.0	30.4	2.8	6.7	3.3	20.6
5% LSD		722.2		1.9	13.4	11.8						3.0				
C.V.		8.2		1.6	5.2	9.2						5.0				

TABLE: 168-V-84

EVT 4A YEAR 1984 PERU PIURA

CO-OPERATOR:M. NEVADO

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
2 Piura	8126	7169	100	7.1	36.3	3.3	3.3	1.1	15.1
3 Across	8126	6747	94	10.9	35.3	2.3	2.8	1.2	15.4
1 [illegible]	8126	6642	92	14.6	37.3	2.0	3.0	1.2	14.3
11 Across	8235	6471	90	7.0	35.5	2.0	3.3	1.1	15.0
12 Seto Lagoas	7931 RE	6445	90	7.3	34.3	2.3	3.3	1.2	15.4
13 Across	7835 RE	6381	89	8.4	37.3	2.0	3.0	1.1	14.6
4 Ferke	8235	6182	86	10.8	34.5	1.5	2.6	1.2	14.7
5 Ferke (1)	8235	5977	83	12.9	36.0	1.5	3.0	1.0	14.4
7 Muneng	8235	5827	81	7.1	37.3	1.5	2.8	1.1	14.5
6 Capinopolis	8235	5624	78	14.3	36.5	1.6	3.0	1.1	14.2
9 Tocumen	8235	5486	76	9.9	37.0	2.0	3.3	1.0	14.5
10 Tocumen (1)	8235	5359	75	15.8	31.3	1.3	2.9	1.1	14.6
8 Poza Rica	8235	5272	73	17.2	30.0	1.5	3.0	1.2	14.4
MEANS		6122	85	11.0	35.3	2.1	3.0	1.1	14.7
MAXIMUM		7169	100	17.2	37.3	3.3	3.3	1.2	15.4
MINIMUM		5272	73	7.0	30.0	1.8	2.8	1.0	14.2
CHECKS (TESTIGOS):									
15 PM-102		7184	-	2.3	38.8	2.3	3.3	1.0	16.6
14 PM-701		6292	-	15.7	35.5	3.0	3.3	1.0	16.3
CHECK MEANS		6738	-	9.5	37.1	2.6	3.3	1.0	16.4
5% LSD		1758.8			6.9				0.8
C.V.		19.9			13.5				3.9

TABLE: 169-V-84

EVT14A YEAR 1984 MEXICO CO. CEPEGON

CO-OPERATOR:ANGEL SOQUI, OSCAR COTA, INIA-SARH-CIANO

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT	MOIST %
3 Across	8126	7360	94	72	189	114	0.0	7.7	1.4	41.3	4.5	23.9	1.2	15.4
1 Dharwar	8126	7133	91	76	195	114	1.7	12.1	1.0	45.0	4.1	35.5	1.1	14.3
2 Piura	8126	7112	91	77	219	118	5.9	18.4	2.0	43.0	4.1	22.4	1.1	16.0
9 Tocumen	8235	7011	90	74	201	104	0.0	11.5	0.6	43.8	4.0	24.7	1.0	14.6
12 Sete Lagoas	7931 RE	6977	89	74	194	101	0.0	6.0	1.6	44.3	4.3	27.0	1.1	15.4
7 Muneng	8235	6825	87	74	211	103	2.3	7.8	1.1	42.5	3.9	28.3	1.1	14.8
10 Tocumen (1)	8235	6616	85	77	209	106	0.0	12.6	3.8	44.0	3.9	24.0	1.1	16.0
11 Across	8235	6575	84	76	205	105	0.6	22.1	0.0	42.0	3.6	28.3	1.0	14.3
4 Ferke	8235	6543	84	78	203	111	2.2	9.1	1.7	43.5	3.8	14.1	1.1	14.4
6 Capinopolis	8235	6520	83	76	193	91	1.1	17.7	1.1	45.3	4.0	16.8	1.0	14.4
5 Ferke (1)	8235	6511	83	75	193	95	1.9	11.5	2.9	40.5	3.9	19.5	1.1	14.2
8 Poza Rica	8235	6370	81	73	193	101	0.6	6.9	0.0	41.8	4.1	19.5	1.1	14.8
13 Across	7635 RE	5437	69	76	190	94	2.2	20.6	1.3	36.0	3.8	35.5	1.1	14.8
MEANS		6692	85	75	199	105	1.4	12.6	1.4	42.5	4.0	24.4	1.1	14.9
MAXIMUM		7360	94	78	219	113	5.9	22.1	3.8	45.3	4.5	35.5	1.2	16.0
MINIMUM		5437	69	72	188	91	0.0	6.0	0.0	36.0	3.6	14.1	1.0	14.2
CHECKS (TESTIGOS):														
15 V-526		7827	-	86	233	140	1.9	1.8	1.8	40.5	4.3	22.1	1.0	16.8
14 V-455		7025	-	84	210	123	0.0	1.5	3.3	35.3	3.8	33.5	1.1	17.9
CHECK MEANS		7426	-	84	221	131	1.0	1.6	2.6	37.9	4.0	27.8	1.1	17.4
5% LSD		669.6		2.9	25.1	15.9				3.9				1.2
C.V.		6.9		2.7	8.7	10.3				6.6				5.7

TABLE: 170-V-84

EVT14A YEAR 1984 ST. KITTS MANSION

CO-OPERATOR:STAFFORD CROSSMAN, W.A.L.I.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	HELM MAYD	SPOOD	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT
11 Across	8235	11095	297	70	146	67	0.6	1.8	2.3	43.5	1.6	4.5	1.0
12 Sete Lagoas	7931 RE	10336	290	70	140	53	0.0	1.8	2.0	42.8	2.0	3.3	0.9
2 Piura	8126	10296	276	70	144	56	1.7	1.8	2.0	43.0	2.0	2.4	1.0
3 Across	8126	10210	273	67	149	61	0.0	2.0	2.0	41.8	2.0	2.3	1.1
4 Ferke	8235	10068	269	70	135	60	0.0	1.3	2.3	42.3	2.0	4.8	1.0
5 Ferke (1)	8235	9840	263	69	141	59	0.0	1.8	2.0	41.8	2.0	4.1	1.0
8 Poza Rica	8235	9726	260	69	135	53	0.0	1.8	2.0	41.8	2.0	4.6	1.1
1 Dharwar	8126	9726	260	70	135	55	0.0	1.5	2.0	43.5	2.0	7.1	1.0
13 Across	7635 RE	9726	260	69	139	55	0.6	2.0	2.5	40.8	2.0	9.1	1.0
10 Tocumen (1)	8235	9553	256	70	139	56	0.6	2.0	2.5	42.8	1.8	7.2	1.0
7 Muneng	8235	9526	255	70	147	57	0.0	2.0	2.3	42.8	2.0	7.2	1.0
9 Tocumen	8235	9497	254	69	136	52	0.0	2.0	2.8	42.5	2.0	8.7	1.0
6 Capinopolis	8235	9326	250	70	140	56	0.6	2.3	2.8	43.3	2.0	6.3	0.9
MEANS		9956	267	69	140	57	0.3	1.8	2.3	42.5	2.0	5.5	1.0
MAXIMUM		11095	297	70	149	67	1.7	2.3	2.8	43.5	2.0	9.1	1.1
MINIMUM		9326	250	67	135	52	0.0	1.3	2.0	40.8	1.8	2.3	0.9
CHECKS (TESTIGOS):													
14 NEVIS LOCAL		3736	-	74	130	40	0.0	1.8	2.0	15.3	2.0	0.0	1.0
CHECK MEANS		3736	-	73	130	40	0.0	1.8	2.0	15.3	2.0	0.0	1.0
5% LSD		1533.5		3.7	8.0	9.8				4.1			
C.V.		11.3		3.2	4.0	11.1				7.1			

TABLE: 171-V-84

EVT14A YEAR 1984 ST. KITTS NEEDSMUST

CO-OPERATOR:S. CROSSMAN, NACO

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR RCT	HELM MAYD	SPODO	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT
10 Tocumen (1)	8235	10496	387	63	109	51	1.8	5.7	3.5	3.3	42.8	3.0	16.0	2.5	1.0
2 Piura	8126	9368	364	63	122	62	1.2	10.2	2.8	3.0	42.5	2.5	7.2	2.0	1.0
3 Across	8126	9466	349	61	117	56	0.0	10.7	3.0	2.8	43.3	2.8	8.5	2.0	1.0
5 Ferke (1)	8235	9269	342	61	114	50	0.0	5.1	3.3	2.8	43.0	2.5	10.2	2.3	1.0
12 Sete Lagoas	7931 RE	9241	341	64	107	51	0.6	7.4	3.5	3.3	43.8	2.8	9.7	2.8	1.0
11 Across	8235	9212	340	64	112	53	0.0	10.2	3.5	3.0	43.3	3.0	21.5	2.5	0.9
6 Capinopolis	8235	8955	331	63	108	50	0.0	9.7	2.8	2.9	43.5	2.8	10.9	2.0	1.0
4 Ferke	8235	8955	331	64	109	47	0.6	5.3	3.0	3.0	43.0	2.8	12.5	2.8	0.9
1 Dharwar	8126	8784	324	64	107	43	0.0	4.1	2.8	3.0	42.3	2.8	14.4	2.5	1.1
7 Muneng	8235	8570	320	62	115	58	0.0	4.2	2.8	2.8	42.8	2.8	10.1	2.5	1.0
8 Poza Rica	8235	8471	313	63	105	46	0.0	8.9	3.0	2.8	44.0	2.8	11.4	2.8	0.9
9 Tocumen	8235	8471	313	62	108	51	0.6	9.4	3.5	2.8	43.0	3.0	11.4	2.8	1.0
13 Across	7635 RE	8128	300	60	112	48	2.5	6.6	3.5	3.0	39.3	3.0	16.6	3.0	1.0
MEANS		9076	335	63	111	52	0.6	7.9	3.1	2.9	42.8	2.8	12.3	2.5	1.0
MAXIMUM		10496	387	64	122	62	2.5	10.7	3.5	3.3	44.0	3.0	21.5	3.0	1.1
MINIMUM		8128	300	60	105	47	0.0	4.1	2.8	2.8	39.3	2.5	7.2	2.0	0.9
CHECKS (TESTIGOS):															
14 NEVIS LOCAL		2709	-	70	99	35	1.7	6.3	3.8	3.0	10.3	3.0	21.5	2.5	1.2
CHECK MEANS		2709	-	70	99	35	1.7	6.3	3.8	3.0	10.3	3.0	21.5	2.5	1.2
5% LSD		1771.8		1.8	9.1	6.8					2.5				
C.V.		14.4		2.0	5.9	9.4					4.3				

TABLE: 172-V-84

EVT14A YEAR 1984 YEMEN A.R. ZABID

CO-OPERATOR:ALL E. KAMSAL

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	LEAF DIS.	RUST 1-5 SCL	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT
3 Across	8126	7697	128	61	196	94	2.0	1.0	44.0	1.3	6.9	1.0
12 Sete Lagoas	7931 RE	7443	130	57	196	96	1.7	1.3	44.0	2.0	14.9	1.1
6 Capinopolis	[illegible]	7342	123	[illegible]	195	101	2.3	1.0	[illegible]	3.0	17.3	1.1
8 Poza Rica	[illegible]	7320	128	59	181	90	2.7	1.0	[illegible]	3.0	11.0	1.0
1 Dharwar	8126	6957	121	57	197	103	2.0	1.3	43.3	2.0	19.7	1.0
2 Piura	8126	6765	118	61	193	99	2.3	1.3	[illegible]	2.0	12.4	1.0
4 Ferke	8235	6701	117	59	197	96	2.0	1.3	40.7	3.0	11.1	1.1
9 Tocumen	8235	6680	116	59	183	89	2.3	[illegible]	42.7	3.0	19.8	1.0
10 Tocumen (1)	8235	6680	116	59	202	102	2.0	1.0	42.7	3.0	13.1	1.0
7 Muneng	8235	6573	114	60	198	91	2.0	1.0	41.0	3.0	12.8	1.0
5 Ferke (1)	8235	6488	113	59	195	98	2.3	1.0	40.7	3.0	10.4	1.0
11 Across	8235	6183	108	59	187	97	2.0	1.0	41.3	3.0	15.1	1.0
13 Across	7635 RE	5890	103	62	187	81	2.0	1.3	41.3	3.0	15.7	1.0
	MEANS	6841	119	59	193	94	2.1	1.1	42.0	2.6	14.1	1.0
	MAXIMUM	7397	128	62	202	103	2.3	1.3	44.0	3.0	19.8	1.1
	MINIMUM	5890	103	57	181	81	1.7	1.0	39.3	1.3	6.9	1.0
CHECKS (TESTIGOS):												
14 TIHAMA-1		5741	-	64	227	139	2.0	1.7	39.0	2.7	7.8	1.1
15 ZABID LOCAL		5207	-	55	186	100	2.3	1.7	37.0	4.0	10.8	1.3
CHECK MEANS		5474	-	59	206	119	2.2	1.7	38.0	3.3	9.3	1.2
	5% LSD	1432.7		5.6	11.4	9.7			4.0			
	C.V.	12.9		5.6	3.5	5.9			5.8			

TABLE: 173-V-84

EVT14A YEAR 1984 YEMEN A.R. SURDUD

CO-OPERATOR:A. KAMBAL AND A. HAZZA

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	LEAF DIS.	RUST 1-5 SCL	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT
12 Sete Lagoas 7931 RE	6002	121	62	181	86	0.0	0.0	1.8	1.5	43.0	2.0	5.2	2.3	1.0
7 Muneng 8235	5938	120	63	185	90	0.0	1.3	2.0	1.0	41.3	3.0	8.3	2.8	1.0
11 Across 8235	5922	119	69	203	97	0.0	1.1	2.0	1.3	43.0	3.0	5.9	1.5	1.0
8 Poza Rica 8235	5906	119	65	184	102	0.0	0.0	2.5	1.0	42.5	3.0	6.6	2.8	1.0
5 Ferke (1) 8235	5602	113	61	189	85	1.2	1.2	2.3	1.3	42.0	3.0	6.7	2.0	1.0
10 Tocumen (1) 8235	5474	110	67	197	97	1.2	0.0	2.0	1.0	41.0	3.0	6.0	2.3	1.0
2 Piura 8126	5426	109	68	197	93	1.1	0.0	2.5	1.0	42.5	2.0	2.9	1.8	1.0
9 Tocumen 8235	5266	106	66	189	91	0.6	1.9	2.5	1.0	41.0	3.0	8.5	3.3	1.0
4 Ferke 8235	5218	105	64	179	81	0.6	0.0	2.0	1.8	43.5	3.0	6.6	1.3	1.0
6 Capinopolis 8235	5186	105	64	181	83	1.1	1.7	2.5	1.3	43.5	3.0	6.7	2.5	0.9
13 Across 7635 RE	5186	105	67	178	82	0.6	1.3	1.8	1.3	39.5	3.0	15.1	2.3	0.9
1 Dharwar 8126	5026	101	68	199	92	1.1	0.5	2.0	1.3	43.5	2.0	8.1	3.3	0.9
3 Across 8126	4898	99	66	201	94	0.0	0.0	2.0	1.0	41.8	1.3	7.3	2.3	1.0
MEANS	5466	110	65	189	90	0.6	0.7	2.1	1.2	42.2	2.6	7.2	2.3	1.0
MAXIMUM	6002	121	69	203	102	1.2	1.9	2.5	1.8	43.5	3.0	15.1	3.3	1.0
MINIMUM	4898	99	61	178	81	0.0	0.0	1.8	1.0	39.5	1.3	2.9	1.3	0.9
CHECKS (TESTIGOS):														
14 TIHAMA-1	4962	-	70	232	136	2.2	2.3	2.0	1.5	43.8	2.5	10.7	2.8	1.0
15 ZABID LOCAL	4082	-	64	180	81	0.7	2.7	2.5	2.0	38.3	4.0	19.4	4.5	1.1
CHECK MEANS	4522	-	66	205	109	1.4	2.5	2.3	1.8	41.0	3.3	15.0	3.6	1.0
5% LSD	1104.5		2.3	15.2	11.4					3.5				
C.V.	14.5		2.5	5.6	8.6					5.8				

TABLE: 174-V-84

EVT14A YEAR 1984 GABON LEBAMBA

CO-OPERATOR:R. RAVOAVY F.A.O.

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT
6 Capinopolis 8235	4307	106	46	196	54	4.5	0.0	12.1	44.0	2.5	34.7	1.0
10 Tocuman (1) 8235	3964	97	47	2[illegible]4	59	2.3	1.1	12.6	43.0	2.5	44.4	0.9
12 Sete Lagoas 7981 BE	3651	90	45	[illegible]	63	7.0	3.5	6.2	43.3	2.3	28.6	0.9
4 Ferke 8235	3565	87	48	195	64	5.7	1.1	12.5	[illegible]	2.5	38.9	0.9
7 Munang 8235	3508	86	48	198	72	3.4	1.1	25.4	42.8	3.3	47.3	0.9
5 Ferke (1) 8235	3451	85	46	179	44	11.4	0.0	16.7	44.0	2.3	34.2	1.0
11 Across 8235	3365	83	47	200	58	4.6	3.4	21.4	[illegible]	2.8	37.1	0.9
9 Tocuman 8235	3309	81	46	201	67	3.2	2.4	23.1	[illegible]	2.5	39.7	0.9
1 Dharwar 8126	3308	81	47	176	65	1.1	0.0	14.1	43.5	2.3	43.0	0.9
13 Across 7635 BE	3194	78	47	214	75	4.9	1.2	19.3	42.0	3.5	41.2	0.9
2 Piura 8126	3194	78	48	174	61	2.3	4.6	18.4	43.8	2.8	43.6	0.9
3 Across 3126	3080	76	48	215	65	5.3	2.3	17.2	43.3	2.5	44.2	0.9
8 Poza Rica 8235	3052	75	45	193	55	3.3	2.3	25.9	43.0	2.8	31.3	1.0
MEANS	3453	85	47	195	62	5.4	1.8	17.6	43.4	2.7	39.1	0.9
MAXIMUM	4307	106	48	215	75	11.4	4.6	25.3	44.0	3.5	47.8	1.0
MINIMUM	3052	75	45	174	44	1.1	0.0	6.9	42.0	2.3	28.6	0.9
CHECKS (TESTIGOS):												
13 NTV	4078	-	49	229	78	0.0	2.6	10.9	38.0	1.3	43.5	0.9
14 T2PB	3537	-	53	234	81	0.0	5.4	16.0	37.0	1.5	49.8	0.9
CHECK MEANS	3808	-	51	231	79	0.0	4.0	13.5	37.5	1.4	46.7	0.9
5% LSD	351.7		3.4	31.7	21.9				1.5			
C.V.	17.0		5.0	11.1	24.0				2.4			

TABLE: 175-V-84

EVT14A YEAR 1984 INDONESIA BONTOBILI

CO-OPERATOR:A. LAGA

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	% STALK ROT	MOIST %
2 Piura	8126	2114	134	57	177	76	5.7	11.0	28.0	7.9	19.1
12 Sete Lagoas	7931 RE	2155	92	57	165	70	5.0	2.8	23.8	12.0	19.6
6 Capinopolis	8235	2154	92	57	167	67	6.6	15.8	27.0	10.6	18.7
9 Tocuman	8235	2013	86	56	167	66	4.4	12.7	20.0	7.8	19.0
8 Poza Rica	8235	2012	86	56	167	71	5.3	14.4	27.3	7.2	19.2
7 Muneng	8235	1993	86	56	167	66	6.7	6.6	27.5	13.1	19.3
3 Across	8126	1960	84	57	156	76	9.2	12.9	27.8	6.9	18.6
4 Ferke	8235	1891	81	57	167	66	10.1	15.5	25.0	7.9	18.1
11 Across	8235	1752	75	57	174	77	9.7	14.4	29.3	7.8	20.8
13 Across	7835 RE	1673	72	57	156	59	10.2	3.5	13.5	17.1	17.6
5 Ferke (1)	8235	1517	65	56	162	63	0.5	14.1	27.8	9.5	18.3
10 Tocumen (1)	8235	1510	65	58	170	67	1.5	14.1	25.8	5.9	18.5
1 Dharwar	8126	1419	61	57	172	70	9.2	10.9	32.3	4.7	19.3
MEANS		1935	83	57	169	69	7.2	11.5	25.8	9.1	18.9
MAXIMUM		3114	134	58	106	74	10.2	15.9	32.3	17.1	20.8
MINIMUM		1419	61	56	156	55	1.5	2.8	13.5	4.7	17.6
CHECKS (TESTIGUS):											
15 LOCAL CHECK 2		2330	-	56	196	83	11.4	7.3	29.8	5.9	18.7
14 LOCAL CHECK 1		1555	-	57	192	84	23.5	14.4	26.3	8.5	17.1
CHECK MEANS		1993	-	56	183	83	17.4	10.8	28.0	7.2	17.9
5% LSD		507.6		1.5	11.1	3.1			9.2		1.9
C.V.		35.6		1.9	4.6	6.1			24.7		7.2

TABLE: 176-V-84

EVT14A YEAR 1984 INDONESIA MUNENG

CO-OPERATOR:DR. CAHLAN

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	EAR BORER %	STEM LODG	ROOT LODG	RUST 1-5	PLANTS HARV	EAR ASPCT	PLANT ASPECT	BORER %	DM %	MOIST %
2 Piura 8126	6190	94	55	193	99	45.4	1.9	7.0	1.8	39.8	2.0	2.0	3.8	25.2	30.2
3 Across 8126	6052	92	55	189	96	41.7	1.2	1.2	2.3	41.0	2.0	2.3	2.5	14.0	32.0
12 Sete Lagoas 7931 RE	5351	89	54	184	93	49.1	0.0	3.5	2.8	40.3	2.0	2.0	5.0	22.3	32.2
4 Ferke 8235	5737	87	55	186	92	39.3	2.0	5.5	2.0	37.8	2.0	2.3	6.4	30.1	29.3
1 Dharwar 8126	5584	85	55	182	91	49.2	0.6	1.7	2.3	41.0	2.0	2.0	6.7	17.9	33.9
9 Tocumen 8235	5556	84	54	186	93	40.3	0.0	8.1	2.0	36.8	2.3	2.0	7.5	25.5	30.7
11 Across 8235	5556	84	55	189	96	43.2	0.6	8.2	2.0	37.5	2.0	2.0	5.2	26.0	34.0
5 Ferke (1) 8235	5526	84	54	183	84	35.0	0.6	8.9	2.0	39.5	2.0	2.0	9.4	20.5	31.9
10 Tocumen (1) 8235	5425	82	55	191	101	35.6	1.2	4.9	2.0	38.5	2.0	1.5	2.5	26.3	36.6
7 Muneng 8235	5270	80	54	187	90	37.4	1.2	11.4	2.0	38.5	2.0	2.3	6.3	30.1	31.1
6 Capinopolis 8235	5253	80	54	185	92	27.0	2.0	8.5	2.0	38.5	2.0	2.0	3.9	22.1	31.5
8 Poza Rica 8235	5251	80	53	182	93	42.4	0.0	1.9	2.3	37.5	2.0	2.0	4.4	30.3	32.6
13 Across 7635 RE	4997	76	55	185	89	47.3	4.0	3.4	2.0	35.3	2.3	2.0	4.7	48.9	32.0
MEANS	5557	85	54	186	93	41.1	1.2	5.8	2.1	38.6	2.0	2.0	5.3	26.9	32.1
MAXIMUM	6190	94	55	193	101	49.2	4.0	11.4	2.8	41.0	2.3	2.3	9.4	48.9	36.6
MINIMUM	4997	76	53	182	84	27.0	0.0	1.2	1.8	35.3	2.0	1.5	2.5	14.0	29.3
CHECKS (TESTIGOS):															
14 LOCAL CHECK 1	6576	-	56	195	100	39.2	1.7	1.7	2.0	44.0	2.3	2.0	5.7	0.4	29..
15 LOCAL CHECK 2	5792	-	53	188	96	44.3	2.3	2.9	3.0	43.3	2.0	2.8	2.3	0.4	26.8
CHECK MEANS	6184	-	54	191	98	41.8	2.0	2.3	2.5	43.6	2.1	2.4	4.0	0.4	28.0
5% LSD	367.1		1.0	9.0	7.1					4.1					
C.V.	10.8		1.3	3.4	5.3					7.3					

TABLE: 177-V-84

EVT14A YEAR 1984 VIETNAM HUNG LOC

CO-OPERATOR:VO DINH LONG, PHAM HUY TRUNG

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
3 Across	8126	4484	110	46	216	98	2.0	2.5	42.3	1.5	1.8	0.9	28.7
4 Ferke	8235	4262	104	48	184	91	2.9	2.3	41.0	2.0	1.8	0.9	32.0
1 Dharwar	8126	4190	102	47	169	86	2.6	2.3	42.8	2.3	1.5	0.9	30.9
10 Tocumen (1)	8235	4181	102	48	193	97	4.1	2.3	42.0	2.0	1.5	0.9	32.2
9 Tocumen	8235	4149	101	47	182	81	3.5	1.8	41.8	2.0	2.0	0.9	30.4
13 Across	7635 RE	4101	100	46	182	79	3.6	2.0	41.5	2.0	1.8	0.8	29.4
5 Ferke (1)	8235	4099	100	47	183	82	3.4	2.5	43.0	2.0	1.5	0.9	31.7
7 Muneng	8235	4039	99	47	195	85	6.2	2.0	43.0	2.8	2.0	0.9	27.1
11 Across	8235	3985	97	48	175	80	0.9	2.8	41.0	2.0	1.5	0.9	33.0
2 Piura	8126	3983	97	48	182	87	5.1	2.5	43.3	1.3	2.0	0.9	31.3
6 Capinopolis	8235	3677	90	48	185	83	2.7	2.0	42.0	2.3	1.8	0.9	32.6
12 Sete Lagoas	7931 RE	3136	77	48	164	64	4.1	2.8	39.3	2.0	2.8	0.9	29.2
8 Poza Rica	8235	3114	76	47	169	77	8.2	2.8	42.8	2.3	3.0	0.7	30.3
MEANS		3954	97	47	183	84	3.8	2.3	42.0	2.0	1.9	0.9	30.7
MAXIMUM		4484	110	48	216	98	8.2	2.8	43.3	2.8	3.0	0.9	33.0
MINIMUM		3114	76	46	164	64	0.9	1.8	39.3	1.3	1.5	0.7	27.1
CHECKS (TESTIGOS):													
15 NHA HO COMPOSITE		4093	-	49	197	93	0.0	2.0	35.5	2.0	1.5	1.0	30.9
14 EARLY THAI COMP.		4074	-	47	200	107	1.5	2.3	36.5	1.8	1.8	1.0	30.4
CHECK MEANS		4084	-	48	198	99	0.7	2.1	36.0	1.9	1.6	1.0	30.7
5% LSD		875.8		1.6	22.0	19.7			4.2				4.2
C.V.		15.5		2.3	8.4	16.1			7.1				9.5

TABLE: 178-V-84

EVT14A YEAR 1984 VIETNAM HO-CHI-MINH CITY

CO-OPERATOR:VO DINH LONG, PHAN THUONG TRINH

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	LEAF DIS.	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
12 Sete Lagoas	7931 RE	3339	100	52	158	63	1.8	0.0	2.5	2.0	41.3	2.0	3.0	2.5	1.0	34.7
3 Across	8126	3312	99	53	163	70	6.0	0.0	1.2	2.0	42.0	1.3	3.1	2.0	0.9	36.5
9 Tocumen	8235	3273	98	52	158	64	4.9	0.0	5.6	2.3	40.5	2.0	1.9	2.5	1.0	36.9
6 Capinopolis	8235	3253	97	52	159	64	3.8	0.0	2.4	1.3	41.0	1.8	3.0	2.3	1.0	34.3
8 Poza Rica	8235	3156	94	51	158	64	4.5	0.6	2.9	2.3	41.5	2.8	4.3	3.0	1.0	35.3
10 Tocumen (1)	8235	3097	93	54	155	64	4.2	1.2	0.6	2.3	41.3	2.0	2.4	2.5	1.0	34.8
2 Piura	8126	3062	92	52	161	68	1.2	1.1	4.3	2.5	42.8	2.3	2.4	2.3	0.9	38.7
11 Across	8235	3009	90	53	163	68	3.0	1.9	2.6	2.0	40.3	2.0	1.9	2.3	1.0	35.9
1 Dharwar	8126	2987	89	53	151	69	5.5	0.0	0.6	2.3	42.0	1.8	2.4	1.5	0.9	34.1
13 Across	7635 RE	2899	87	52	153	63	9.3	1.5	3.4	2.8	37.8	2.5	2.7	2.3	0.9	33.6
5 Ferke (1)	8235	2844	85	52	153	61	5.6	0.6	6.3	3.3	40.5	3.3	3.3	2.5	0.9	36.6
7 Muneng	8235	2795	84	51	154	60	8.0	0.6	2.5	2.5	39.5	2.8	3.3	2.5	1.0	35.0
4 Ferke	8235	2616	78	54	155	60	10.5	0.0	8.2	3.5	39.0	2.5	3.3	2.5	0.9	38.8
	MEANS	3049	91	52	157	64	5.3	0.6	3.3	2.4	40.7	2.2	2.8	2.3	1.0	35.8
	MAXIMUM	3339	100	54	163	70	10.5	1.9	8.2	3.5	42.8	3.3	4.3	3.0	1.0	38.8
	MINIMUM	2616	78	51	151	60	1.2	0.0	0.6	1.3	37.8	1.3	1.9	1.5	0.9	33.6
CHECKS (TESTIGOS):																
14 EARLY THAI COMP		3341	-	52	173	76	0.0	1.8	1.3	1.3	40.8	1.8	3.2	2.3	1.0	34.9
15 A1		1749	-	52	175	84	0.0	1.8	2.5	1.0	18.5	2.3	10.0	2.3	0.9	38.9
CHECK MEANS		2545	-	51	173	80	0.0	1.8	1.9	1.1	29.6	2.0	6.6	2.3	0.9	36.9
	5% LSD	853.6		0.8	9.0	9.2					3.8					2.9
	C.V.	20.1		1.0	4.0	9.7					6.8					5.7

TABLE: 179-V-84 YEAR: 198-

TRIAL: EVT14A
MEANS ACROSS 43 LOCATIONS

ENTRY NO. AND NAME		PARENT POPULATION	REGION I KG./HA	II KG./HA	III KG./HA	IV KG./HA	VI KG./HA	OVER ALL <------MEAN------> DAYS FLOWER	PLANT HT.	KG./HA
3 Across	8126	Mezcla Amarilla	5507	5812	6183	3770	3569	57	194	4952
2 Piura	8126	Mezcla Amarilla	5421	5411	6000	3404	3412	58	192	4805
1 Dharwar	8126	Mezcla Amarilla	5492	5593	5854	3514	3228	58	183	4753
11 Across	8235	Ant. Rep. Dom.	5242	5738	6037	3619	3089	58	192	4743
12 Sete Lagoas	7931 RE	Amarillo Cristalino-2	5304	5528	6622	3427	3243	57	181	4699
10 Tocumen (1)	8235	Ant. Rep. Dom.	5060	5448	5991	3729	3161	58	190	4634
5 Ferke (1)	8235	Ant. Rep. Dom.	5209	5371	5992	3619	3189	56	182	4628
4 Ferke	8235	Ant. Rep. Dom.	5068	5463	5854	3572	3154	58	184	4601
6 Capinopolis	8235	Ant. Rep. Dom.	5046	5306	6110	3696	3227	57	187	4592
7 Muneng	8235	Ant. Rep. Dom.	5139	5398	6210	3473	3059	57	189	4576
8 Poza Rica	8235	Ant. Rep. Dom.	4856	5332	6512	3445	2935	57	180	4471
9 Tocumen	8235	Ant. Rep. Dom.	4672	5182	5872	3369	3060	57	185	4350
13 Across	7635 RE	Ant. Rep. Dom	4826	5160	5488	3326	2965	57	182	4342
Mean			5158	5457	6055	3536	3177	57	186	4627
No of Locations			11	14	2	9	7	38	40	43

Region I= South America
II= North, Central America and the Caribbean
III= Mideast
IV= West Africa
VI= Asia

TABLE: 180-V-84

EVT148 YEAR 1984 BOLIVIA IBOPERENDA

CO-OPERATOR:ALBERTO MINOJOSA PADILLA, CORDECH

ENTRY NO./PEDIGREE		KG/HA	BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	YEAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
6 Los Banos(1)	8232	9539	116	65	225	120	0.0	0.0	6.7	42.8	1.3	1.0	1.2	24.7
1 Forke (1)	8232	9250	109	66	225	120	1.3	0.7	10.4	39.0	1.3	1.0	1.3	22.8
5 Los Banos	8232	9062	107	67	226	123	0.0	0.0	7.0	38.5	1.0	1.0	1.4	23.5
7 Poza Rica	8232	9037	106	67	215	110	0.0	0.0	6.2	36.8	1.3	1.0	1.3	23.4
8 San Jeronimo	8232	8921	105	65	205	105	0.7	0.0	2.7	35.8	1.0	1.0	1.4	22.9
10 Sandajika	8149	8645	102	64	178	95	1.8	0.0	6.3	42.3	2.0	1.5	1.1	22.9
9 Ikenne (1)	8149	8526	101	65	195	95	1.9	0.0	6.3	41.3	2.0	1.5	1.2	22.6
11 Pirsabak (1)	7930R2	8012	94	60	185	93	0.0	0.0	10.7	41.3	1.3	1.5	1.2	21.3
4 Across	8130	7900	93	63	210	113	0.0	0.0	12.5	33.3	1.8	1.5	1.2	20.2
3 Kolhapur	8130	7795	92	62	205	100	0.6	0.0	15.8	38.5	1.8	1.3	1.2	20.2
12 Los Diamantes	7023R5	7712	91	65	213	115	0.7	0.0	12.9	33.3	2.5	1.3	1.6	23.9
2 Poza Rica	8223	7709	91	65	220	115	0.0	0.0	5.1	35.5	1.3	1.3	1.2	22.9
MEANS		8540	101	65	209	108	0.4	0.1	8.6	38.9	1.5	1.2	1.3	22.6
MAXIMUM		9539	116	67	225	123	1.9	0.7	15.8	42.8	2.5	1.5	1.6	24.7
MINIMUM		7709	91	60	178	95	0.0	0.0	2.7	33.3	1.0	1.0	1.1	20.2
CHECKS (TESTIGOS):														
13 ETC BLANCO IBOP.		8487	-	67	202	103	2.9	0.7	7.0	33.0	1.5	1.3	1.3	23.3
14 T.P. 13 IBOP.		8433	-	69	255	150	1.1	0.6	3.2	40.3	1.8	1.0	1.2	25.1
CHECK MEANS		8460	-	67	229	126	2.0	0.4	5.1	36.6	1.6	1.1	1.2	24.2
5% LSD		1563.0		1.6	27.4	22.1				5.1				2.6
C.V.		15.9		1.7	9.1	14.0				9.2				9.0

TABLE: 181-V-84

EVT148 YEAR 1984 MEXICO CD. OBREGON

CO-OPERATOR:ANGEL SOQUI, OSCAR COTA, INIA-CIANO

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 %
1 Ferke (1)	8223	7722	117	80	226	113	0.0	3.5	0.0	43.3	4.1	34.6	1.0	17.2
2 Poza Rica	8223	7592	115	78	190	109	0.0	3.5	0.0	43.0	4.3	28.3	1.0	14.7
12 Los Diamantes	7823RE	7497	114	79	231	123	0.0	6.8	0.0	43.5	4.0	30.8	1.2	16.3
8 San Jeronimo	8232	7441	113	81	224	124	0.6	7.0	1.0	43.3	3.9	10.7	1.2	16.9
7 Poza Rica	8232	7320	111	81	224	120	0.0	1.1	0.0	43.3	4.1	11.3	1.1	18.3
6 Los Banos(1)	8232	7258	110	80	218	125	0.0	4.6	1.0	43.5	4.1	16.1	1.1	19.6
5 Los Banos	8232	7022	107	82	225	121	0.6	12.5	0.6	43.8	3.9	13.0	1.0	17.1
9 Ikenne (1)	8149	6743	102	72	138	95	0.7	2.3	0.0	40.3	4.0	11.2	1.1	15.0
4 Across	8130	6679	101	68	210	113	0.0	3.5	0.0	43.5	3.6	15.5	1.0	14.9
10 Gandajika	8149	6659	101	72	190	93	0.0	0.6	0.6	40.0	3.8	23.5	1.1	15.4
3 Kolhapur	8130	6599	100	68	223	115	2.3	8.0	1.5	44.0	3.5	11.9	1.1	14.1
11 Pirsabak (1)	7930RE	6470	98	65	205	100	1.1	4.5	1.8	43.3	3.5	17.7	1.1	14.4
	MEANS	7093	108	75	213	113	0.4	4.8	0.5	42.9	3.9	18.7	1.1	16.1
	MAXIMUM	7722	117	82	231	125	2.3	12.5	1.8	44.0	4.3	34.6	1.2	19.6
	MINIMUM	6470	98	65	188	93	0.0	0.6	0.0	40.0	3.5	10.7	1.0	14.1
CHECKS (TESTIGOS):														
14 V-424		6582	-	72	171	81	0.0	0.7	0.6	38.0	3.8	11.8	1.1	15.4
13 OB. SEQ. 8249		6159	-	72	178	91	0.0	3.6	0.0	41.0	3.5	18.3	1.1	15.6
CHECK MEANS		6370	-	72	174	86	0.0	2.2	0.3	39.5	3.6	15.0	1.1	15.5
	5% LSD	571.8		2.9	22.2	17.3				2.2				1.6
	C.V.	6.7		2.7	7.5	11.1				3.6				6.8

TABLE: 182-V-84

EVT148 YEAR 1984 MEXICO CONCORDIA, SIN.

CO-OPERATOR:MC. OSCAR PALACIOS VELARDE

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
1 Ferke (1)	8223	5437	113	51	192	96	2.8	3.5	11.7	2.0	42.5	2.5	2.5	1.0	26.8
6 Los Banos(1)	9232	5378	112	54	20[illegible]	105	4.4	0.7	10.9	2.0	41.3	2.5	2.8	1.0	28.2
2 Poza Rica	8223	5331	111	52	192	95	2.3	1.2	5.6	2.0	42.5	2.3	2.5	0.9	26.7
12 Los Diamantes	7823RE	5330	111	51	198	98	0.0	0.[illegible]	6.3	2.8	43.8	2.8	2.0	0.9	26.5
5 Los Banos	8232	5308	111	53	205	101	1.1	0.6	8.4	2.5	41.0	2.3	2.8	1.0	28.0
7 Poza Rica	8232	5156	108	54	202	93	2.3	0.0	10.3	2.0	43.0	2.5	2.5	1.0	27.6
4 Across	8130	5148	107	45	195	92	2.4	0.0	6.7	2.0	41.8	2.8	2.3	1.0	22.1
8 San Jeronimo	8232	4983	104	52	203	108	2.6	1.9	8.8	2.3	41.0	3.0	2.8	0.9	27.7
9 Ikenne (1)	8149	4900	102	48	164	79	7.0	1.7	10.4	1.8	43.0	3.0	2.5	0.9	26.8
10 Gandajika	8149	4590	96	48	150	69	3.6	0.6	9.6	2.8	42.0	2.8	3.0	1.0	28.0
3 Kolhapur	8130	4048	84	46	188	89	3.7	3.0	13.0	2.5	42.0	2.8	2.8	0.9	21.2
11 Pirsabak (1)	7930RE	3543	74	45	175	83	4.8	1.3	20.0	2.3	41.8	3.5	3.5	0.9	21.0
	MEANS	4929	103	50	189	93	3.1	1.2	10.1	2.2	42.1	2.7	2.6	0.9	25.9
	MAXIMUM	5437	113	54	205	108	7.0	3.5	20.0	2.8	43.8	3.5	3.5	1.0	28.2
	MINIMUM	3543	74	45	150	69	0.0	0.0	5.6	1.8	41.0	2.3	2.0	0.9	21.0
CHECKS (TESTIGOS):															
13 V-425		4795	-	48	196	94	6.2	1.4	10.1	2.3	39.3	1.8	2.8	0.9	27.0
14 V-424		4751	-	48	151	69	3.0	0.0	17.9	2.0	41.5	2.3	2.0	1.0	26.6
CHECK MEANS		4773	-	47	173	81	4.6	0.7	14.0	2.1	40.4	2.0	2.4	0.9	26.8
	5% LSD	764.5		2.3	14.6	12.3					2.8				2.5
	C.V.	10.9		3.2	5.5	9.4					4.7				6.8

TABLE: 183-V-84

EVT148 YEAR 1984 ST. KITTS MANSION

CO-OPERATOR:S. CROSSMAN, N.A.C.O.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	HELM MAYD	PLANTS HARV	%BAD H.C.	EARS/ PLNT
8 San Jeronimo	8232	11465	210	70	163	67	0.6	0.0	2.0	43.3	0.5	1.1
10 Gandajika	8149	11390	209	66	135	52	0.0	0.0	1.5	42.8	1.2	1.0
7 Poza Rica	8232	11380	209	71	157	63	0.0	0.0	2.0	43.0	3.5	1.0
6 Los Banos(1)	8232	11009	202	72	156	68	0.0	1.2	1.5	41.5	2.0	1.0
2 Poza Rica	8223	10866	199	71	153	68	0.0	0.0	2.3	43.5	1.7	1.0
1 Ferke (1)	8223	10638	195	70	150	70	0.0	0.0	2.5	43.5	3.7	0.9
9 Ikenne (1)	8149	10610	195	64	114	45	0.0	0.0	1.8	42.0	2.0	1.1
5 Los Banos	8232	10524	193	70	172	72	0.0	0.0	1.8	44.0	0.6	1.0
4 Across	8130	10467	192	64	160	61	0.6	0.0	1.5	43.8	0.5	1.0
12 Los Diamantes	7823RE	9640	177	71	159	72	0.0	0.0	2.0	43.3	0.6	0.9
3 Kolhapur	8130	9497	174	64	144	51	0.0	0.0	1.5	42.5	1.2	1.0
11 Pirsabak (1)	7930RE	9383	172	64	138	48	0.0	0.0	2.3	42.5	5.5	1.0
	MEANS	10572	194	68	150	61	0.1	0.1	1.9	43.0	1.9	1.0
	MAXIMUM	11465	210	72	172	72	0.6	1.2	2.5	44.0	5.5	1.1
	MINIMUM	9383	172	64	114	45	0.0	0.0	1.5	41.5	0.5	0.9
CHECKS (TESTIGOS):												
13 NEVIS LOCAL		5447	-	77	138	56	1.5	1.8	1.5	24.3	1.8	0.8
CHECK MEANS		5447	-	76	138	56	1.5	1.8	1.5	24.3	1.8	0.8
	5% LSD	1776.4		2.4	15.4	10.4				3.7		
	C.V.	12.2		2.4	7.2	11.9				6.3		

TABLE: 184-Y-84

EVT148 YEAR 1984 ST. KITTS NEEDSMUST

CO-OPERATOR:STAFFORD CROSSMAN, NACO

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	%EAR ROT	HELM MAYD	SPODO	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT
8 San Jeronimo	8232	10496	198	67	112	50	1.8	1.1	4.0	2.8	42.3	2.5	7.0	1.8	1.0
6 Los Banos(1)	8232	10467	197	69	114	47	1.2	0.5	3.5	2.8	42.5	3.0	9.6	2.0	1.1
7 Poza Rica	8232	9982	188	69	106	42	0.6	2.9	3.3	3.0	42.5	2.8	9.1	2.3	1.0
2 Poza Rica	8223	9640	182	69	110	51	0.0	2.3	2.5	2.5	41.8	2.8	14.2	2.3	1.0
1 Ferke (1)	8223	9583	181	69	113	47	0.6	1.2	2.5	2.5	42.0	3.0	14.1	2.3	1.0
12 Los Diamantes	7323RE	9333	177	66	114	50	0.6	2.1	3.3	2.9	43.0	2.8	23.6	2.3	1.1
9 Ikenne (1)	8149	9355	176	64	87	30	0.0	0.6	3.0	2.5	41.9	3.0	9.3	2.8	1.0
5 Los Banos	8232	9013	170	68	118	55	0.6	3.0	3.3	3.0	42.8	2.5	8.0	2.0	1.0
10 Gandajika	8149	8471	160	65	90	32	0.6	0.6	4.0	3.0	39.5	3.0	5.5	2.8	1.0
3 Kolhapur	8130	8128	153	62	106	46	1.2	5.5	3.3	2.8	43.3	3.0	14.0	2.8	1.0
4 Across	8130	7900	149	62	106	48	2.3	6.3	3.5	3.0	42.8	3.0	10.4	2.5	1.0
11 Pirsabak (1)	7930PE	6702	126	61	99	37	1.8	4.4	3.0	3.0	41.0	3.0	12.9	3.0	1.0
MEANS		9093	171	66	106	45	0.9	2.5	3.3	2.8	42.1	2.9	11.4	2.4	1.0
MAXIMUM		10496	198	69	118	55	2.3	6.3	4.0	3.0	43.3	3.0	23.6	3.0	1.1
MINIMUM		6702	126	61	87	30	0.0	0.5	2.5	2.5	39.5	2.5	5.5	1.8	1.0
CHECKS (TESTIGOS):															
13 NEVIS LOCAL		5305	-	68	107	45	9.3	5.5	3.5	2.8	18.8	2.3	8.1	2.3	1.2
CHECK MEANS		5305	-	68	106	44	9.3	5.5	3.5	2.8	18.8	2.3	8.1	2.3	1.2
5% LSD		1396.2		2.5	7.5	8.3					4.0				
C.V.		11.1		2.6	4.9	12.9					6.9				

TABLE: 185-V-84

EVT148 YEAR 1984 GABON LEBAMBA

CO-OPERATOR:R. RAVOAVY, F.A.O.

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
1 Ferke (1)	8223	3936	105	53	180	58	0.0	0.6	13.4	42.3	1.5	31.3	1.0
2 Poza Rica	8223	3651	98	52	194	68	0.6	0.0	10.0	42.3	1.8	43.5	1.0
4 Across	8130	3594	96	44	187	51	1.2	1.7	9.9	40.8	1.3	27.6	1.0
9 Ikenne (1)	8149	3537	95	48	170	51	0.0	0.0	7.8	41.8	1.5	32.7	1.0
10 Gandajika	8149	3480	93	46	165	44	0.0	0.0	6.0	42.5	1.5	37.8	1.0
8 San Jeronimo	8232	3194	85	55	198	63	0.6	0.6	9.3	41.3	1.8	42.8	1.0
7 Poza Rica	8232	3137	84	53	198	63	0.0	0.0	8.6	42.0	1.8	41.4	0.9
6 Los Banos(1)	8232	2938	79	56	198	69	0.0	0.0	8.3	42.3	1.8	44.3	0.9
11 Pirsabak (1)	7930RE	2938	79	42	180	59	0.0	1.7	6.5	41.0	2.5	41.5	1.0
3 Kolhapur	8130	2909	78	45	201	59	0.0	1.7	11.0	43.0	1.8	44.5	0.8
5 Los Banos	8232	2881	77	55	203	66	0.0	0.0	10.2	43.3	2.0	48.2	0.9
12 Los Diamantes	7823PE	2681	72	51	209	69	1.3	0.6	26.0	42.3	2.8	59.6	0.9
MEANS		3240	87	50	190	60	0.3	0.6	10.6	42.0	1.8	41.3	0.9
MAXIMUM		3936	105	56	209	69	1.3	1.7	26.0	43.3	2.8	59.6	1.0
MINIMUM		2681	72	42	168	44	0.0	0.0	6.0	40.8	1.3	27.6	0.8
CHECKS (TESTIGOS):													
14 NTV		3736	-	50	198	84	0.7	0.0	5.2	35.3	1.3	25.4	1.0
13 T2PB		3622	-	54	240	93	1.2	0.7	17.0	40.3	1.8	39.6	0.9
CHECK MEANS		3679	-	51	218	88	0.9	0.3	11.1	37.8	1.5	32.5	1.0
5% LSD		327.3		3.8	33.8	21.2				3.0			
C.V.		18.8		5.2	12.2	23.2				5.0			

TABLE: 18G-V-84

EVT148 YEAR 1984 KENYA M.I.P.S.

CO-OPERATOR:MR. O.E. SARAZA

ENTRY NO./PEDIGREE		KG/HA	BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
8 San Jeronimo	8232	4978	122	55	161	74	0.0	5.5	6.5	1.8	39.5	2.3	4.0	1.5	1.1	11.8
12 Los Diamantes	7823RE	4962	122	54	170	86	0.0	6.2	8.1	1.5	41.0	1.8	12.2	1.8	1.0	12.4
6 Los Banos(1)	8232	4923	121	57	155	80	1.2	7.8	4.7	1.8	39.3	1.8	4.6	1.5	1.1	11.7
9 Ikenne (1)	8149	4819	119	53	134	56	0.0	0.0	10.2	1.5	41.0	1.8	4.2	1.3	1.0	11.9
1 Ferke (1)	8223	4794	118	56	159	76	0.6	1.3	9.8	1.8	40.5	1.8	5.2	2.3	1.1	12.3
5 Los Banos	8232	4705	116	56	171	85	0.0	1.8	11.7	2.0	41.8	2.3	1.8	2.3	1.0	12.0
2 Poza Rica	8223	4623	114	56	156	79	1.5	5.6	9.5	2.0	38.3	1.8	3.6	2.0	1.1	11.8
7 Poza Rica	8232	4623	114	57	166	84	0.0	4.6	9.7	1.5	35.5	1.8	1.3	2.0	1.1	11.6
10 Gandajika	8149	4327	106	53	130	53	0.7	2.0	9.1	1.8	38.8	2.5	4.9	2.5	1.1	12.3
4 Across	8130	4269	105	50	161	69	5.8	2.1	16.0	1.8	38.8	2.5	4.9	2.5	1.1	11.8
3 Kolhapur	8130	4222	104	50	153	71	2.6	5.2	13.3	1.8	38.5	2.5	5.5	2.5	1.1	12.1
11 Pirsatak (1)	7930RE	3674	90	49	151	66	1.0	14.9	17.0	1.0	34.0	2.8	7.0	3.0	1.2	11.9
MEANS		4577	112	54	157	73	1.1	4.7	10.5	1.7	38.9	2.1	4.9	2.1	1.1	12.0
MAXIMUM		4978	122	57	171	85	5.8	14.9	17.0	2.0	41.8	2.8	12.2	3.0	1.2	12.4
MINIMUM		3674	90	49	130	53	0.0	0.0	4.7	1.0	34.0	1.8	1.3	1.3	1.0	11.6
CHECKS (TESTIGOS):																
14 PWANI HYBRID III		4070	-	57	144	63	0.0	11.9	5.7	1.8	32.0	1.5	11.0	2.0	1.1	12.4
13 COAST COMPOSITE		4049	-	54	212	125	7.4	40.2	21.4	2.0	34.8	3.0	5.7	3.8	1.1	11.7
CHECK MEANS		4060	-	57	178	93	3.8	26.1	13.6	1.9	33.4	2.3	8.4	2.9	1.1	12.1
5% LSD		646.0		1.7	11.0	10.0					5.0					0.9
C.V.		10.1		2.2	4.5	9.1					9.2					5.2

TABLE: 187-V-84

EVT14B YEAR 1984 ZAIRE KANIAMA

CO-OPERATOR;MLLAMBA, AZANI MBEY YAME

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM TURC	HELM	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
8 San Jeronimo	8232	7582	113	67	198	96	10.4	10.4	12.3	2.5	1.3	43.0	2.3	6.0	2.0	24.7
7 Poza Rica	8232	7316	109	63	192	91	5.4	13.0	10.5	2.5	1.8	42.3	2.0	8.3	2.0	24.9
5 Los Banos	8232	7239	109	67	204	98	11.5	27.5	14.0	2.3	1.3	41.5	2.5	8.7	2.0	24.8
6 Los Banos(1)	8232	6826	102	68	184	93	17.5	19.6	12.7	2.3	1.5	42.5	2.5	5.1	2.0	24.8
1 Ferke (1)	8223	6443	96	67	190	91	16.6	19.1	10.6	2.8	1.5	41.5	2.0	13.0	1.8	23.1
2 Poza Rica	8223	5359	98	68	183	89	31.5	19.9	14.0	2.8	1.8	41.5	2.5	12.3	2.3	23.4
9 Ikenne (1)	8149	5597	84	63	136	53	30.6	12.1	20.7	2.0	1.5	41.3	2.8	3.5	1.5	24.3
4 Across	8130	5029	75	60	172	80	21.2	13.9	16.0	2.8	1.8	40.8	2.5	4.8	2.5	24.3
12 Los Diamantes	7823RE	4999	75	68	179	99	30.3	13.9	16.5	2.8	2.0	40.0	3.0	11.5	3.0	23.5
10 Gandajika	9149	4946	74	65	136	57	25.7	7.5	9.9	2.5	1.8	39.5	2.3	5.8	2.0	23.6
3 Kolhapur	8130	4776	71	61	171	79	35.0	9.0	18.4	2.8	2.3	41.5	2.8	7.6	2.5	23.9
11 Pirsabak (1)	7930RE	4766	71	59	160	73	34.1	10.7	20.1	2.8	2.0	39.5	2.5	9.7	2.3	24.7
MEANS		5949	89	65	175	82	23.4	14.5	14.7	2.5	1.7	41.2	2.5	8.0	2.1	24.1
MAXIMUM		7582	113	68	204	98	35.0	27.5	20.7	2.8	2.3	43.0	3.0	13.0	3.0	24.9
MINIMUM		4766	71	59	136	53	5.4	7.5	9.9	2.0	1.3	39.5	2.0	3.5	1.5	23.1
CHECKS (TESTIGOS):																
13 KASAI-1		6689	-	71	194	94	21.8	34.2	10.6	2.5	1.3	40.0	2.3	5.0	2.0	23.6
14 SALONGO-2		6503	-	73	204	107	26.6	20.5	10.2	2.8	1.5	39.0	2.5	8.2	2.0	23.6
CHECK MEANS		6596	-	71	199	100	24.2	27.4	10.4	2.6	1.4	39.0	2.4	6.6	2.0	23.6
5% LSD		563.2		2.3	19.0	12.3						3.3				
C.V.		11.1		2.5	7.4	10.5						5.6				

TABLE: 188-V-84

SVT148 YEAR 1984 INDONESIA BONTOBILI

CO-OPERATORIA. LAGA

ENTRY NO./PEDIGREE		KG/HA	PREST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	MOIST %
1 Ferke (1)	8223	3060	112	57	188	92	10.3	10.9	35.3	14.7
12 Los Diamantes	7823RE	2983	109	58	135	85	6.6	8.9	35.5	15.7
10 Gandajiwa	8149	2850	104	56	141	52	4.5	4.4	29.8	14.9
9 Ikenne (1)	8149	2825	103	55	142	54	10.7	7.4	25.0	13.3
8 San Jeronimo	8232	2735	100	57	192	85	15.7	11.2	34.9	13.5
2 Poza Rica	8223	2734	100	59	177	79	13.4	11.0	33.8	15.4
6 Los Banos(1)	8232	2624	96	55	182	81	2.9	5.9	34.0	15.8
4 Across	8130	2505	92	53	170	71	19.3	9.9	30.0	14.9
7 Poza Rica	8232	2356	86	58	192	86	19.1	12.1	34.3	14.7
3 Kolhapur	9130	2291	84	53	174	73	15.4	12.6	26.3	15.3
11 Pirsabak (1)	7930PE	2057	75	53	157	62	17.5	11.3	33.9	15.2
5 Los Banos	8232	2002	73	60	186	85	13.7	13.6	29.5	14.5
MEANS		2535	95	56	174	74	12.4	10.0	31.8	14.8
MAXIMUM		3060	112	60	192	86	19.1	13.6	35.5	15.8
MINIMUM		2002	73	53	141	52	2.9	4.4	25.0	13.3
CHECKS (TESTIGOS):										
14 LOCAL CHECK 2		2735	-	56	186	83	12.4	7.5	35.8	16.1
13 LOCAL CHECK 1		2226	-	56	138	34	16.0	12.6	31.8	13.9
CHECK MEANS		2481	-	55	186	83	14.2	10.1	33.8	15.0
5% LSD		872.8		2.5	18.9	11.7			9.5	2.4
C.V.		23.7		3.1	7.5	10.8			20.7	11.3

TABLE: 189-V-84 YEAR: 1984

TRIAL: EVT148
MEANS ACROSS 29 LOCATIONS

ENTRY NO. AND NAME		PARENT POPULATION	REGION I KG./HA	II KG./HA	IV KG./HA	V KG./HA	VI KG./HA	OVER ALL MEAN DAYS FLOWER	PLANT HT.	KG./HA
1 Ferke (1)	8223	Blanco Cristalino-1	9260	6385	3751	4276	4885	59	194	5346
6 Los Banos(1)	8232	BTC Blanco	9839	6295	3493	4661	4875	60	193	5323
9 Ikenne (1)	8149	Blanco Dentado-2	8326	6155	3665	4208	5126	56	156	5308
8 San Jeronimo	8232	BTC Blanco	8921	6217	3900	4709	4819	60	193	5304
2 Poza Rica	8223	Blanco Cristalino-1	7709	6356	3506	3909	5092	59	192	5266
7 Poza Rica	8232	BTC Blanco	9037	6195	3513	4529	4736	60	191	5202
10 Gandajika	8149	Blanco Dentado-2	8645	6029	3419	3665	4995	56	158	5104
12 Los Diamantes	782DRE	Blanco Cristalino-1	7715	5931	3570	3863	4653	58	193	4986
5 Los Banos	8232	BTC Blanco	9062	5837	3282	4543	4329	60	203	4906
4 Across	8130	Blanco Cristalino-2	7900	5602	3449	3562	4489	53	184	4754
3 Kolhapur	8130	Blanco Cristalino-2	7799	5437	3242	3296	4366	53	186	4586
11 Pirsabak (1)	793DRE	Blanco Cristalino-2	8012	5168	2991	3453	4400	52	171	4475
Mean			8540	5966	3473	4058	4738	57	185	5047
No of Locations			1	11	5	3	9	28	28	29

Region I= South America
II= North, Central America and the Caribbean
IV= West Africa
V= East and South Africa
VI= Asia

TABLE: 190-V-84

EVT16A YEAR 1984 ARGENTINA PERGAMINO

CO-OPERATOR: ING. L.A. CAMILANO, I.N.T.A

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 %
17 Across	7748RE	4851	86	64	202	100	7.1	45.2	42.5	4.0	64.2	2.0	0.8	19.0
10 Sids (1)	8245	4744	84	66	185	90	4.1	26.5	42.5	4.0	28.0	4.0	0.8	21.2
6 Capinopolis	8245	4702	84	66	189	95	6.9	40.9	40.3	2.0	48.6	2.0	0.9	21.9
3 Chiquisaca	8233	4411	78	64	196	93	7.9	21.0	41.5	3.0	22.4	2.0	0.9	22.8
7 Islamabad	8245	4202	75	66	186	93	3.0	15.2	41.8	3.0	21.5	3.0	0.9	23.6
2 Antalya (1)	8233	4109	73	62	212	97	10.2	24.3	42.0	3.0	29.5	3.0	0.8	20.9
12 Across	8245	4080	73	66	161	94	7.3	24.5	41.0	3.0	31.1	3.0	0.8	22.2
8 Islamabad (1)	8245	4007	71	64	172	72	4.9	24.8	41.0	3.0	40.8	2.0	0.8	21.0
5 Tlaltizapan	8233	4002	71	65	184	93	4.9	44.9	41.3	2.0	40.6	3.0	0.8	22.5
16 Across	7745RE	3987	71	58	145	76	13.4	33.1	41.5	3.0	36.3	5.0	0.9	22.9
11 Tlaltizapan	8245	3977	71	67	195	99	5.5	47.8	41.5	4.0	54.3	1.0	0.8	23.0
9 Sids	8245	3971	71	67	163	77	5.5	14.8	41.5	4.0	25.3	1.0	0.8	23.1
15 Tlaltizapan	8245	3941	69	65	187	84	7.7	28.7	41.3	3.0	33.4	4.0	0.8	17.3
14 Pirsabak (1)	8245	3770	67	59	145	73	20.5	40.8	39.8	4.0	37.2	5.0	0.9	17.2
1 Antalya	8233	3280	58	64	213	115	5.6	30.3	40.3	3.0	41.9	4.0	0.7	20.5
13 Pirsabak	8243	3264	58	58	133	64	13.5	25.1	41.0	5.0	29.4	5.0	0.8	17.2
4 Rampur (1)	8233	3211	57	65	214	106	7.3	43.5	41.5	4.0	42.4	3.0	0.9	19.8
MEANS		4025	72	64	182	89	8.1	31.7	41.3	3.4	36.9	3.2	0.8	20.9
MAXIMUM		4851	86	67	214	115	20.5	48.5	42.5	5.0	64.2	5.0	0.9	23.6
MINIMUM		3211	57	58	133	64	2.0	14.8	39.8	2.0	21.5	1.0	0.7	17.2
CHECKS (TESTIGOS):														
19 DECALS 4F32		5623	-	64	197	76	8.2	14.6	40.8	4.0	21.7	5.0	0.9	21.7
18 AGUACA INTA		5394	-	64	207	104	8.4	80.3	41.8	4.0	96.1	3.0	0.9	20.9
CHECK MEANS		5453	-	63	196	90	8.3	47.4	41.3	4.0	58.9	4.0	0.9	21.3
5% LSD		964.0		1.5	9.4	6.7			3.2					
C.V.		16.2		1.7	8.6	8.3			5.5					

TABLE: 191-V-84

EVT16A YEAR 1984 ARGENTINA CAMPICHUELO

CO-OPERATOR:ING. NESTOR P. BARACCO, COMP. CONTINENTAL

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	PLANTS HARV	PLANT ASPECT	MOIST %
11 Tlaltizapan	8245	5081	93	54	273	115	7.5	40.0	3.3	17.3
6 Capinopolis	8245	4652	85	54	263	120	4.9	41.0	3.0	17.0
9 Sids	8245	4550	83	53	265	113	9.1	40.5	3.3	17.4
7 Islamabad	8245	4446	81	53	270	120	13.6	40.0	3.5	16.8
16 Across	7845RE	3841	70	54	248	100	9.2	41.5	3.0	17.5
2 Antalya (1)	8233	3730	68	53	258	110	9.3	42.8	3.3	16.8
8 Islamabad (1)	8245	3695	68	53	263	123	11.7	42.0	3.0	16.9
10 Sids (1)	8245	3640	67	53	243	98	18.4	42.8	3.5	16.9
5 Tlaltizapan	8233	3558	65	54	245	103	12.3	40.8	3.5	17.1
3 Chiquisaca	8233	3468	63	54	238	110	7.8	41.5	3.0	17.7
4 Rampur (1)	8233	3264	60	53	245	103	21.2	41.8	3.3	16.5
12 Across	8245	3160	58	54	240	105	7.4	40.0	3.3	17.1
1 Antalya	8233	3159	58	53	243	100	9.6	39.8	4.0	16.4
17 Across	7748RE	3075	56	54	243	90	4.4	39.5	3.5	15.8
15 Tlaltizapan	8248	3006	55	53	218	80	7.9	41.3	4.0	16.2
13 Pirsabak	8248	2804	51	54	245	95	22.3	41.3	3.5	15.8
14 Pirsabak (1)	8246	2085	38	53	238	93	37.9	39.3	4.0	16.5
MEANS		3601	66	53	249	104	12.6	40.9	3.4	16.8
MAXIMUM		5081	93	54	273	123	37.9	42.8	4.0	17.7
MINIMUM		2085	38	53	218	80	4.4	39.3	3.0	15.8
CHECKS (TESTIGOS):										
18 CARGILL T-226		5465	-	56	290	138	9.4	43.3	2.8	19.7
19 LEALES 25		3349	--	58	260	138	15.3	39.3	3.5	19.1
CHECK MEANS		4407	-	56	275	137	12.4	41.3	3.1	19.4
5% LSD		1379.4		1.3	25.9	22.4		3.1		0.9
C.V.		26.4		1.7	7.3	14.6		5.3		3.7

TABLE: 192-V-84

EVT16A YEAR 1984 ARGENTINA LA COCHA

CO-OPERATOR:ING. NESTOR P. BARACCO, COMPANIA CONTINENTAL

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	PLANTS HARV	PLANT ASPECT	MOIST %
12 Across	8245	4198	101	260	110	22.2	28.8	3.0	16.3
11 Tlaltizapan	8245	4098	98	245	130	36.9	29.8	3.0	17.2
10 Sids (1)	8245	3955	95	270	130	18.7	29.5	3.3	16.6
16 Across	7845RE	3884	93	240	100	15.7	28.8	2.8	16.7
6 Cepinopolis	8245	3742	90	245	105	32.2	28.5	3.3	15.7
3 Chiquisaca	8233	3651	88	245	130	18.3	28.5	3.0	16.6
1 Antalya	8233	3646	88	260	130	35.3	28.8	3.0	17.3
9 Sids	8245	3546	85	265	125	29.5	29.3	3.3	16.9
2 Antalya (1)	8233	3539	85	250	120	35.2	29.3	3.3	16.0
4 Rampur (1)	8233	3389	81	250	125	19.3	29.3	3.0	15.8
7 Islamabad	8245	3356	81	245	100	28.0	29.5	3.0	17.3
15 Tlaltizapan	8248	3304	79	235	60	29.3	26.0	2.8	15.3
5 Tlaltizapan	8233	3247	78	228	100	16.6	29.0	3.3	17.4
8 Islamabad (1)	8245	3211	77	265	120	24.7	29.5	3.0	16.9
17 Across	7748RE	3092	74	270	110	34.1	27.8	3.0	15.7
13 Pirsabak	8248	2998	72	260	105	22.3	26.5	3.0	15.5
14 Pirsabak (1)	8248	2645	63	230	75	35.5	27.3	3.0	15.0
	MEANS	3500	84	251	110	26.9	28.6	3.0	16.4
	MAXIMUM	4198	101	270	130	32.5	29.8	3.3	17.4
	MINIMUM	2645	63	228	60	15.7	26.0	2.8	15.0
CHECKS (TESTIGOS):									
18 CARGILL TROPICO 226		4167	-	310	140	20.7	28.3	2.8	17.8
19 LEALES 25		3932	-	310	175	36.3	28.8	3.5	17.7
CHECK MEANS		4049	-	310	157	28.5	28.5	3.1	17.8
	5% LSD	934.6		1.6			2.1		1.7
	C.V.	18.5		0.4			5.3		7.3

TABLE: 193-V-84

EVT16A YEAR 1984 BOLIVIA ISOPERENCA

CO-OPERATOR:ALBERTO HINOJOSA PADILLA, CORDECH

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
16 Across	7845RE	6076	120	53	193	99	2.7	0.0	6.9	37.3	1.3	1.0	1.1	22.9
6 Capinopolis	8245	6054	119	53	200	95	0.7	0.0	6.8	38.5	1.3	1.0	1.0	24.7
11 Tlaltizapan	8245	6035	119	53	190	93	3.9	0.0	9.0	39.0	1.8	1.3	1.0	22.1
12 Across	8245	6012	119	52	185	88	2.4	0.0	8.1	37.5	1.0	1.0	1.0	24.8
10 Sids (1)	8245	7872	117	52	195	93	4.7	0.0	6.3	37.3	1.5	1.0	1.1	24.1
8 Islamabad (1)	8245	7781	115	51	200	100	1.2	0.0	11.5	40.3	1.8	1.0	1.0	21.6
9 Sids	8245	7723	114	52	203	103	6.1	2.8	8.8	37.5	1.3	1.0	1.0	24.5
3 Chiquisaca	8233	7628	113	54	190	90	7.7	1.8	7.8	42.0	1.0	1.0	0.9	24.5
7 Islamabad	8245	7615	113	52	195	95	3.7	0.0	10.4	39.0	1.5	1.0	0.9	24.5
1 Antalya	8233	6845	101	54	180	85	3.4	0.0	7.5	39.5	1.3	1.0	1.1	21.3
5 Tlaltizapan	8233	6644	98	54	185	90	3.1	0.0	8.4	39.5	1.3	1.0	1.0	23.7
4 Rampur (1)	8233	6505	96	54	190	95	3.3	0.0	7.3	38.5	1.[illegible]	1.0	1.1	23.1
2 Antalya (1)	8233	5804	86	54	165	78	2.7	0.0	9.0	34.3	1.0	1.0	1.1	22.5
17 Across	7748RE	5281	78	51	173	83	3.9	0.6	20.4	37.3	2.3	1.3	0.8	22.1
13 Pirsabak	8245	4802	71	48	175	83	19.9	1.4	17.4	36.3	2.3	1.3	1.0	21.7
14 Pirsabak (1)	8245	4400	65	47	160	75	15.5	1.4	28.5	37.5	2.8	1.8	0.8	22.5
15 Tlaltizapan	8245	4125	61	49	155	73	9.2	0.7	15.5	35.0	1.8	1.5	0.9	24.3
MEANS		6777	100	52	184	89	5.5	0.5	11.1	38.0	1.5	1.1	1.0	23.2
MAXIMUM		8078	120	54	203	103	19.9	2.8	28.5	42.0	2.8	1.8	1.1	24.8
MINIMUM		4125	61	47	160	73	0.7	0.0	6.3	34.3	1.0	1.0	0.8	21.3
CHECKS (TESTIGOS):														
18 A. BAJIO ISOP.		6746	-	53	193	100	6.3	0.0	6.8	36.5	1.5	1.0	1.1	22.6
19 T.A. CRIST ISOP.		3875	-	49	163	73	13.0	0.0	5.5	40.0	1.3	1.3	0.9	21.1
CHECK MEANS		5313	-	52	182	94	9.7	0.0	7.6	38.3	1.4	1.1	1.0	21.8
	5% LSD	1419.2		0.5	17.0	14.7				4.6				2.7
	C.V.	15.1		0.7	6.5	11.7				8.5				8.4

TABLE: 194-V-84

EVT16A YEAR 1984 BRAZIL SETE LAGOAS

CO-OPERATOR:RICARDO MAGNAVACA

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	YEAR POT	PLANTS HARV	EARS/ PLNT	MOIST %
16 Across	7845RE	7132	92	201	100	5.8	14.3	5.7	43.3	1.0	14.8
6 Capinopolis	8245	6685	76	194	90	4.6	6.3	4.1	43.5	1.0	15.1
10 Sids (1)	8245	6525	75	194	79	5.8	2.9	9.3	43.3	1.0	14.6
12 Across	8245	6554	75	196	90	1.7	6.1	6.3	43.8	1.0	14.7
7 Islamabad	8245	6354	74	203	95	4.0	2.8	5.3	43.0	1.0	14.3
9 Sids	8245	6377	72	213	96	1.1	11.0	7.2	43.0	1.0	15.3
5 Tlaltizapan	8233	6317	72	198	59	3.0	6.0	8.8	43.3	1.0	15.4
11 Tlaltizapan	8245	6015	69	190	88	2.9	3.5	5.4	43.5	1.0	14.6
3 Chiquisaca	8233	5912	68	193	84	8.8	3.5	5.9	42.8	1.0	15.8
8 Islamabad (1)	8245	5795	66	205	90	4.2	1.7	10.1	42.3	0.9	14.8
4 Rampur (1)	8233	5675	64	195	84	6.9	0.0	7.1	43.0	1.0	14.6
1 Antalya	8233	5639	64	194	78	2.8	0.0	4.3	45.8	1.0	15.7
2 Antalya (1)	8233	5264	60	186	75	7.4	0.6	5.8	44.0	1.0	14.9
17 Across	7748RE	4955	55	203	93	17.6	0.0	9.8	40.8	1.0	15.8
13 Pirsabak	8248	4579	52	190	80	6.2	0.6	13.4	39.8	1.0	13.7
15 Tlaltizapan	8248	4253	48	194	79	3.6	0.6	11.3	41.0	1.0	14.3
14 Pirsabak (1)	8248	4142	47	189	75	19.6	0.0	10.6	41.0	1.0	14.1
MEANS		5796	66	195	85	6.5	3.5	7.6	42.8	1.0	14.8
MAXIMUM		7132	82	213	100	19.6	14.3	13.4	45.8	1.0	15.8
MINIMUM		4142	47	183	73	1.1	0.0	4.1	39.8	0.9	13.7
CHECKS (TESTIGOS):											
18 BR-301		8316	-	224	118	5.8	10.8	4.2	43.5	1.1	16.6
19 BR 300		7716	-	240	131	4.2	11.8	2.3	42.3	1.0	17.3
CHECK MEANS		8266	-	231	124	5.6	11.3	3.2	42.9	1.1	17.0
5% LSD		876.6		15.0	17.2				2.6		0.9
C.V.		7.9		6.7	15.7				4.3		4.2

TABLE: 195-V-84

EVT16A YEAR 1984 BRAZIL RIBEIRO PRETO

CO-OPERATOR:SEMENTES REIS DE CURC LTDA

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
6 Capinopolis	8245	4287	84	51	185	55	21.6	38.8	3.0	11.1	3.5	1.0	12.6
10 Sids (1)	8245	4165	91	52	183	90	17.9	37.3	3.5	6.9	2.8	1.0	12.6
1 Antalya	8233	4068	79	50	163	78	23.1	39.3	2.8	5.1	3.5	1.0	13.0
8 Islamabad (1)	8245	4039	79	51	195	93	30.2	39.8	3.8	3.1	4.3	1.0	12.6
11 Tlaltizapan	8245	3944	77	55	185	80	25.2	40.0	3.5	2.5	4.0	1.0	12.5
16 Across	7845RF	3919	76	55	193	79	31.0	36.5	3.5	13.4	3.5	1.0	13.0
2 Antalya (1)	8233	3913	76	50	180	73	22.1	38.3	3.3	4.9	3.8	1.0	12.6
3 Chiquisaca	8232	3904	76	50	175	73	26.2	35.0	2.5	9.1	3.5	1.0	12.8
4 Rampur (1)	8233	3756	73	51	180	73	28.1	38.3	3.5	9.3	4.3	1.0	12.8
5 Tlaltizapan	8233	3704	72	51	150	80	32.6	39.0	4.0	7.1	4.3	1.0	12.8
12 Across	8245	3679	72	55	193	80	23.0	36.5	3.3	5.8	3.0	1.0	12.3
7 Islamabad	8245	3637	71	51	195	90	27.1	34.0	3.5	6.2	3.5	1.0	12.6
9 Sids	8245	3405	66	53	193	73	35.0	33.0	4.0	10.8	4.3	1.0	12.9
17 Across	7748RF	2662	52	50	193	73	55.6	34.8	4.8	15.6	4.5	1.0	12.8
13 Pirsabak	8248	2510	51	50	175	73	51.2	35.3	5.0	22.4	5.0	1.0	12.8
15 Tlaltizapan	8248	2213	43	49	173	55	61.1	33.8	4.8	14.8	5.0	1.0	12.8
14 Pirsabak (1)	8248	1943	38	49	173	65	65.5	29.3	5.0	28.7	5.0	0.9	12.6
MEANS		3521	69	51	184	79	33.9	36.6	3.8	10.5	4.0	1.0	12.7
MAXIMUM		4287	84	55	195	93	65.5	40.0	5.0	28.7	5.0	1.0	13.0
MINIMUM		1943	38	49	173	55	17.9	29.3	2.8	2.5	2.8	0.9	12.5
CHECKS (TESTIGOS):													
18 RO 91		5129	-	65	265	150	6.3	43.0	1.3	2.9	1.8	1.0	12.3
19 RO 3412		4932	-	61	240	153	5.6	39.8	1.0	0.0	1.5	1.0	12.2
CHECK MEANS		5030	-	62	252	151	6.0	41.4	1.1	1.5	1.6	1.0	12.3
5% LSD		583.7		0.3	21.2	16.2		4.6					0.4
C.V.		11.3		1.1	7.8	13.4		8.7					2.5

TABLE: 196-V-84

EVT16A YEAR 1984 BRAZIL BARRETOS

CO-OPERATOR:BRASKALE

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PLANTS HARV	EARS/ PLNT	MOIST %
6 Capinopolis	8245	2783	57	50	191	93	61.9	0.0	18.0	44.0	0.0	15.8
16 Across	7845RE	2690	55	52	199	102	70.5	0.0	23.8	44.0	0.9	16.5
12 Across	8245	2647	54	50	190	95	47.2	0.0	23.1	44.0	0.9	15.3
10 Sids (1)	8245	2372	49	50	179	83	42.6	0.0	21.9	44.0	0.9	15.3
11 Tlaltizapan	8245	2307	47	51	195	101	39.2	0.0	34.4	44.0	0.9	14.8
7 Islamabad	8245	2283	47	51	199	99	30.1	0.0	20.6	44.0	0.9	16.0
9 Sids	8245	2261	44	51	192	89	30.2	0.0	29.2	42.3	0.9	15.3
5 Tlaltizapan	8233	2199	45	51	195	94	54.9	1.7	33.3	43.8	1.0	15.3
3 Chiquisaca	8233	2151	44	50	188	89	54.6	5.1	30.4	43.0	0.9	16.0
1 Antalya	8233	2066	42	49	179	90	35.6	7.4	17.9	44.3	0.9	15.8
4 Rampur (1)	8233	2065	42	50	193	93	22.7	0.0	25.5	44.0	0.9	15.8
8 Islamabad (1)	8245	1944	40	51	194	92	32.8	0.0	20.2	44.0	0.9	15.0
2 Antalya (1)	8233	1597	33	49	182	86	51.7	0.0	25.3	44.0	0.8	14.8
15 Tlaltizapan	8246	730	15	46	170	72	90.9	0.0	39.3	44.0	0.7	18.0
13 Pirsabak	8246	702	14	47	183	73	61.8	0.0	30.2	42.8	0.6	15.9
17 Across	7745RE	635	14	48	189	92	70.5	0.0	62.6	44.0	0.6	16.3
14 Pirsabak (1)	8246	595	12	47	176	72	36.9	0.0	47.6	44.0	0.5	18.3
MEANS		1887	39	50	187	89	54.4	0.8	29.6	43.8	0.8	15.9
MAXIMUM		2783	57	52	199	106	90.9	7.4	62.6	44.3	1.0	18.3
MINIMUM		595	12	46	170	72	22.7	0.0	17.9	42.3	0.5	14.8
CHECKS (TESTIGOS):												
19 XL-605		4368	-	0	247	148	55.4	9.6	5.2	44.0	1.0	13.0
18 XL-580		4633	-	0	234	141	54.5	13.6	9.8	44.0	0.9	13.3
CHECK MEANS		4751	-	0	240	144	60.0	11.6	7.5	44.0	0.9	13.1
5% LSD		255.3		0.9	10.1	7.1				0.8		1.7
C.V.		5.2		1.4	3.7	5.2				1.3		7.3

TABLE: 197-V-84

EVT16A YEAR 1984 BRAZIL CRUZ ALTA

CO-OPERATOR:FECOTRIGO

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
11 Tlaltizapan	8245	4271	62	74	140	70	43.8	0.6	16.8
7 Islamabad	8245	3895	57	76	155	90	45.0	0.6	17.3
10 Sids (1)	8245	3815	56	70	130	100	41.5	0.6	17.0
3 Chiquisaca	8233	3748	55	72	155	90	39.8	0.7	19.3
16 Across	7845RE	3529	52	71	130	70	43.5	0.5	17.5
6 Capinopolis	8245	3464	51	71	160	90	45.5	0.5	15.8
4 Rampur (1)	8233	3401	50	74	155	95	45.0	0.6	16.0
5 Tlaltizapan	8233	3383	49	72	145	75	43.5	0.6	18.3
2 Antalya (1)	8233	3337	49	72	160	90	44.0	0.6	17.0
9 Sids	8245	3266	48	70	160	80	44.3	0.5	17.0
12 Across	8245	3253	48	72	130	70	43.8	0.6	16.8
8 Islamabad (1)	8245	3225	47	71	160	90	43.0	0.5	16.8
1 Antalya	8233	3154	46	72	140	70	45.0	0.6	17.3
17 Across	7748RE	1958	29	69	140	65	42.0	0.3	15.8
13 Pirsabak	8248	1414	21	69	110	60	41.5	0.3	14.5
15 Tlaltizapan	8248	1376	20	69	120	60	40.3	0.3	15.0
14 Pirsabak (1)	8248	1213	18	68	120	70	42.5	0.3	15.0
MEANS		3042	44	71	145	79	43.2	0.5	16.6
MAXIMUM		4271	62	76	180	100	45.5	0.7	19.3
MINIMUM		1213	18	68	110	60	39.8	0.3	14.5
CHECKS (TESTIGOS):									
19 LOCAL CHECK 2		6847	-	82	195	110	37.3	1.0	22.0
18 LOCAL CHECK 1		3980	-	82	200	100	35.8	0.6	20.3
CHECK MEANS		5414	-	82	197	105	36.5	0.8	21.1
5% LSD		671.2					3.6		1.9
C.V.		14.4					6.0		7.8

TABLE: 198-V-84

EVT16A YEAR 1984 BRAZIL COTRI JUI

CO-OPERATOR:CARBOMERA,R. COLOMBO,V.

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 %
3 Chiquisaca	8233	4265	82	61	155	93	12.9	7.2	25.5	36.8	2.0	28.9	2.8	1.1	17.3
6 Capinopolis	8245	4255	82	63	157	88	6.3	18.0	27.5	36.3	3.0	[illegible]	3.5	1.0	17.1
11 Tlaltizapan	8245	4207	81	64	160	99	8.0	12.7	32.8	37.5	3.3	[illegible]	2.8	1.1	17.1
7 Islamabad	8245	3967	76	61	161	85	10.9	15.4	23.9	39.0	2.8	20.9	2.8	1.0	17.2
9 Sids	8245	3922	75	61	154	94	5.2	25.3	38.8	34.3	3.8	27.5	3.3	1.0	17.1
5 Tlaltizapan	8233	3757	72	63	147	79	6.3	18.1	31.5	35.8	2.8	24.0	2.8	1.1	17.6
1 Antalya	8233	3744	72	61	149	85	6.2	13.0	26.5	36.8	2.8	28.1	3.5	1.1	17.4
10 Sids (1)	8245	3694	71	62	147	86	11.2	16.2	28.6	32.3	3.0	31.6	3.5	1.0	17.0
2 Antalya (1)	8233	3501	67	59	151	83	12.1	9.5	36.5	37.0	3.3	23.8	4.0	1.0	17.2
16 Across	7845RE	3474	67	67	156	92	9.0	9.8	33.1	34.0	3.8	36.4	3.8	1.0	17.2
8 Islamabad (1)	8245	3449	66	60	147	82	5.0	9.5	25.7	34.8	3.8	40.5	3.3	1.0	17.2
4 Rampur (1)	8233	3429	66	59	162	87	6.3	7.1	34.2	38.8	3.8	26.5	2.8	1.0	17.1
12 Across	8245	3387	65	62	146	91	9.6	10.1	29.7	37.5	3.5	18.2	4.0	1.0	16.9
15 Tlaltizapan	8248	2297	44	56	147	60	8.9	7.2	51.1	31.8	4.3	35.4	5.0	0.9	17.0
13 Pirsabak	8248	2141	41	57	145	77	11.0	7.5	58.1	33.0	4.5	20.5	4.8	1.0	16.6
14 Pirsabak (1)	8248	2091	40	56	143	67	10.2	10.6	55.8	31.0	4.5	31.0	5.0	0.9	16.8
17 Across	7748RE	1976	38	60	142	70	14.7	10.3	53.4	26.3	4.3	35.8	4.8	1.0	16.5
	MEANS	3386	65	61	151	82	8.9	12.2	36.2	34.9	3.5	29.2	3.6	1.0	17.1
	MAXIMUM	4265	82	67	162	99	14.7	25.3	58.1	39.0	4.8	40.5	5.0	1.1	17.6
	MINIMUM	1976	38	56	142	60	5.0	7.1	23.9	26.3	2.0	18.2	2.8	0.9	16.5
CHECKS (TESTIGOS):															
19 LOCAL CHECK 2		5218	-	71	169	100	43.1	7.1	21.5	38.0	3.0	19.9	3.8	1.1	17.2
18 LOCAL CHECK 1		4552	-	66	163	98	25.0	11.5	18.0	34.3	2.0	19.4	3.0	1.1	17.3
CHECK MEANS		4885	-	68	166	99	34.1	9.3	19.7	36.1	2.5	19.7	3.4	1.1	17.2
	5% LSD	939.2		4.0	15.9	12.4				4.8					0.6
	C.V.	18.7		4.6	7.4	10.5				9.6					2.5

TABLE: 199-V-84

SVT1SA YEAR 1994 BRAZIL PASSO FUNDO

CO-OPERATOR:GILBERTO POLAN, SEMENTES SELECCIONADAS

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	EAR PCT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
7 Islamabad	8245	6354	80	66	182	86	23.0	41.5	19.0	43.5	1.0	1.0	21.5
3 Islamabad (1)	8245	6313	79	66	173	85	27.5	30.7	28.1	43.8	2.0	1.0	20.0
6 Capinopolis	8245	6219	78	65	172	84	17.0	51.1	24.0	44.0	2.0	1.0	21.0
11 Tlaltizapan	8245	6153	77	67	178	81	16.0	43.4	15.5	43.5	1.0	1.0	21.3
4 Rampur (1)	8233	6003	75	64	174	91	17.0	31.2	22.8	44.0	2.0	1.0	19.5
1 Antalya	8233	5934	74	63	157	70	16.5	33.1	19.0	44.0	3.0	1.0	23.0
5 Tlaltizapan	8233	5849	73	66	170	79	22.6	31.6	21.4	44.3	2.0	1.0	22.5
10 Sids (1)	8245	5833	73	65	173	81	14.3	47.0	25.2	43.3	2.0	1.0	21.0
16 Across	7545PF	5771	72	67	182	83	22.4	45.6	32.7	42.3	2.0	1.0	22.5
12 Across	8245	5707	72	66	158	71	13.0	43.7	21.9	42.0	2.0	1.1	21.5
9 Sids	8245	5660	71	65	180	79	18.2	54.5	19.9	42.5	1.0	1.0	22.0
8 Chiquisaca	8233	5033	65	66	163	80	17.6	42.0	30.8	44.0	2.0	1.0	24.3
2 Antalya (1)	8233	5452	68	62	156	76	14.5	31.0	20.4	44.5	2.0	1.1	22.0
13 Pirsabak	8248	4750	60	59	157	60	5.7	42.3	40.0	43.8	3.0	1.0	17.5
14 Pirsabak (1)	8248	4750	60	59	155	59	2.8	57.4	37.1	42.8	4.0	1.0	19.0
17 Across	7748PF	4320	54	61	171	72	9.1	53.4	37.0	42.3	4.0	1.0	19.5
15 Tlaltizapan	8248	4129	52	53	152	53	2.9	55.4	23.1	43.0	5.0	1.0	18.3
MEANS		5374	70	64	169	76	15.3	43.8	25.8	43.4	2.4	1.0	21.0
MAXIMUM		6354	80	67	182	89	27.5	57.4	40.0	44.5	5.0	1.1	24.3
MINIMUM		4129	52	58	152	53	2.8	30.7	15.5	42.0	1.0	1.0	17.5
CHECKS (TESTIGOS):													
19 LOCAL CHECK 2		7975	-	81	239	137	26.7	5.8	11.3	41.8	1.0	1.2	25.8
18 LOCAL CHECK 1		7559	-	75	214	114	34.2	23.2	7.8	42.8	1.0	1.1	22.5
CHECK MEANS		7767	-	78	226	125	30.5	14.5	9.6	42.3	1.0	1.1	24.1
5% LSD		1413.2		1.0	17.4	9.2				2.5			2.7
C.V.		17.2		1.1	7.0	9.0				4.1			8.9

TABLE: 200-V-84

EVT16A YEAR 1984 CHILE RINCONADA-MAIPU

CO-OPERATOR:ALFREDO LUCHSINGEZ

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
17 Across	7749RE	1246	84	78	230	143	34.5	1.3	32.8
10 Sids (1)	8245	1205	81	92	225	138	36.0	1.4	41.5
13 Pirsabak	8248	1097	74	76	215	125	36.0	1.2	33.3
16 Across	7845RE	1092	73	84	240	153	36.0	1.2	38.6
2 Antalya (1)	8233	1051	71	80	215	135	36.0	1.2	33.8
11 Tlaltizapan	8245	1040	70	84	213	140	36.0	1.2	41.0
1 Antalya	8233	1033	70	81	200	123	34.0	1.4	37.5
15 Tlaltizapan	8248	1021	69	76	203	125	36.0	1.1	32.6
14 Pirsabak (1)	8248	1013	68	75	203	125	36.0	1.1	32.4
5 Tlaltizapan	8233	996	67	82	225	143	36.0	1.3	36.6
4 Rampur (1)	8233	991	67	82	235	150	36.0	1.3	33.9
8 Islamabad (1)	8245	988	66	83	240	148	36.0	1.2	42.1
6 Capinopolis	8245	984	66	83	238	153	36.0	1.2	41.4
3 Chiquisaca	8233	982	66	83	230	145	36.0	1.2	38.0
9 Sids	8245	978	66	83	230	143	36.0	1.1	41.6
7 Islamabad	8245	968	65	84	248	155	35.0	1.2	41.7
12 Across	8245	910	61	83	235	145	36.0	1.2	41.1
	MEANS	1035	70	81	225	141	35.7	1.2	37.6
	MAXIMUM	1246	84	84	248	155	36.0	1.4	42.1
	MINIMUM	910	61	75	200	123	34.0	1.1	32.4
CHECKS (TESTIGOS):									
19 T-129		1486	-	84	225	135	32.0	1.6	39.3
18 G-4193		1026	-	79	205	123	29.5	1.4	29.5
CHECK MEANS		1256	-	81	215	128	30.8	1.5	34.4
	5% LSD	151.2		0.4	15.3	13.3	2.6		4.3
	C.V.	10.1		0.3	5.8	6.7	5.2		8.2

TABLE: 201-V-84

EVT16A YEAR 1984 PARAGUAY CAACUPE

CO-OPERATOR:MARIO ESTIGARRIBIA, INS. AGRONOMICO NACIONAL

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 %
11 Tlaltizapan	8245	4268	150	73	152	45	4.1	1.6	6.1	43.3	3.3	15.2	3.0	1.0	18.0
9 Sids	8245	4195	159	74	150	40	7.5	0.6	16.8	43.5	3.5	23.2	3.0	0.9	17.7
6 Capinopolis	8245	4042	152	73	139	43	4.1	3.4	7.1	43.5	3.3	31.0	3.8	0.9	15.6
5 Tlaltizapan	8233	3862	145	74	140	38	2.8	2.3	10.4	43.8	3.8	23.7	3.8	1.0	16.8
10 Sids (1)	8245	3794	139	71	139	55	5.8	3.0	7.7	43.0	3.8	21.2	3.3	0.9	16.4
12 Across	8245	3654	137	74	140	45	4.6	2.3	7.4	43.5	3.8	18.4	3.3	0.9	16.7
16 Across	7845RE	3379	127	75	150	48	3.4	2.9	8.1	43.5	4.0	20.1	3.3	1.0	15.4
1 Antalya	8233	3365	126	67	130	33	5.2	0.6	8.4	43.5	4.5	16.4	3.5	0.9	15.6
8 Islamabad (1)	8245	3340	126	72	145	38	2.5	1.2	11.0	43.3	4.3	29.5	3.3	0.9	15.5
7 Islamabad	8245	3296	124	75	150	45	5.2	3.4	7.2	43.5	4.3	17.1	3.3	0.9	16.6
13 Pirsabak	8249	3165	119	70	125	33	1.7	4.1	15.0	43.3	4.8	15.4	3.8	0.9	13.4
4 Rampur (1)	8233	3150	118	73	135	40	3.5	1.2	7.6	43.0	4.3	22.2	3.5	0.9	15.2
2 Antalya (1)	8233	2961	111	73	125	40	3.4	2.9	13.1	43.3	4.8	26.9	3.8	0.9	15.8
15 Tlaltizapan	8246	2952	107	70	105	30	3.5	1.8	16.1	43.5	5.0	15.2	4.0	1.0	13.2
17 Across	7748RE	2686	101	71	130	33	6.4	1.7	17.5	42.8	5.0	25.1	4.0	0.9	14.4
3 Chiquisaca	8233	2531	95	72	120	33	3.4	1.1	12.1	42.8	4.8	17.3	3.8	0.9	15.2
14 Pirsabak (1)	8248	2476	93	69	95	24	4.6	1.8	23.6	43.0	5.0	16.0	4.0	0.9	12.5
MEANS		3345	126	72	134	39	4.3	2.1	11.1	43.3	4.2	20.8	3.5	0.9	15.6
MAXIMUM		4268	150	75	153	55	7.5	4.1	23.6	43.8	5.0	31.0	4.0	1.0	18.0
MINIMUM		2476	93	67	95	24	1.7	0.6	6.1	42.8	3.3	15.2	3.0	0.9	12.5
CHECKS (TESTIGOS):															
18 GUARANI V-311		2660	-	83	225	135	13.0	5.3	4.3	42.5	4.3	1.3	3.5	0.8	24.1
19 GERMINAL P-491		2475	-	75	195	110	3.4	3.1	5.8	23.3	3.8	3.4	4.0	1.0	21.8
CHECK MEANS		2568	-	69	210	122	8.2	4.2	5.1	32.9	4.0	2.4	3.9	0.9	22.9
5% LSD		959.3		2.7	17.2	14.4				2.1					2.2
C.V.		20.7		2.6	8.5	21.2				3.5					9.4

TABLE: 202-V-84

EVT16A YEAR 1994 PARAGUAY CAPITAN MIRANDA

CO-OPERATOR:VERONICA MACHADO, C.P.I.A.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RET	CURV	HELM TURC	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
9 Sids	8245	7123	107	75	155	71	2.8	11.4	3.8	1.5	2.8	44.0	2.8	31.6	3.8	17.2
7 Islamabad	8245	7016	105	75	161	79	3.5	7.6	6.6	1.5	2.3	43.0	2.5	31.3	3.5	16.8
16 Across	7545RE	6866	103	78	169	81	6.4	6.3	12.3	1.3	2.3	43.3	2.8	39.1	3.3	17.6
11 Tlaltizapan	8245	6778	102	75	158	75	2.3	4.5	1.7	1.8	2.0	44.0	2.5	22.5	3.5	16.1
10 Sids (1)	8245	6707	101	73	155	70	4.1	5.9	5.3	1.8	2.3	42.0	3.3	26.3	3.3	15.1
5 Tlaltizapan	8233	6596	99	75	155	70	1.2	7.4	14.9	2.3	3.0	43.5	3.0	27.8	3.5	17.2
8 Islamabad (1)	8245	6562	99	75	160	81	2.9	3.5	5.2	2.3	2.3	43.3	3.0	42.6	3.0	16.1
6 Capinopolis	8245	6539	98	78	158	79	3.6	2.4	1.8	1.5	2.5	42.0	2.8	29.8	3.0	15.4
12 Across	8245	6363	95	76	151	75	4.2	3.6	4.2	1.3	1.8	42.3	3.0	26.0	3.0	15.7
4 Rampur (1)	8233	5994	90	75	159	80	1.8	5.3	14.3	1.3	2.3	42.3	3.8	42.7	3.3	15.9
3 Chiquisaca	8233	5850	88	75	148	66	3.5	4.1	23.7	1.5	3.0	43.3	3.3	25.7	2.8	15.5
2 Antalya (1)	8233	5834	88	74	143	68	6.3	6.3	17.3	1.8	2.8	43.8	3.0	28.3	3.3	15.9
1 Antalya	8233	5620	84	75	149	69	2.3	6.1	8.9	2.0	2.0	41.3	3.0	31.1	3.0	16.0
17 Across	7748RE	5362	80	73	149	66	5.5	1.1	14.3	1.3	3.5	42.0	4.0	29.6	3.8	13.4
13 Pirsabak	8248	5190	78	70	148	65	5.8	15.7	22.9	1.0	3.5	43.3	4.5	25.3	4.0	12.4
15 Tlaltizapan	8248	5116	77	71	135	61	7.5	2.8	15.8	1.3	4.8	43.3	4.0	23.2	3.3	13.4
14 Pirsabak (1)	8248	4253	64	71	141	59	11.2	5.0	32.5	1.0	4.8	44.3	4.8	24.6	3.8	11.9
MEANS		6104	92	74	152	72	4.4	5.8	12.1	1.5	2.8	43.0	3.3	29.9	3.3	15.3
MAXIMUM		7123	107	78	169	81	11.3	15.7	32.5	2.3	4.8	44.3	4.8	42.7	4.0	17.6
MINIMUM		4253	64	70	135	59	1.2	1.1	1.7	1.0	1.8	41.3	2.5	22.5	2.8	11.9
CHECKS (TESTIGOS):																
19 GERMINAL P-491		6665	-	94	229	135	2.1	9.2	1.2	1.0	1.5	34.5	2.3	20.7	3.5	23.6
18 GUARANI V-311		6142	-	85	244	156	8.9	9.0	0.0	1.0	2.0	38.8	2.5	1.6	4.0	24.3
CHECK MEANS		6404	-	89	236	145	5.5	9.1	0.6	1.0	1.8	36.6	2.4	11.1	3.8	23.8
5% LSD		694.5		6.7	12.9	11.6						2.2				
C.V.		9.0		6.2	5.7	10.4						3.7				

TABLE: 203-V-84

EVT168 YEAR 1984 PERU PIURA

CO-OPERATOR: M. NEVADO

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPECT	PLANT ASPECT	EARS/ PLANT	MOIST %
10 Sids (1)	8245	7347	103	17.6	3.3	38.5	2.3	3.0	1.2	14.7
16 Across	784582	7195	101	24.2	4.0	35.0	2.3	3.0	1.1	14.5
9 Sids	8245	7167	100	22.6	3.5	44.0	2.3	2.8	1.0	14.9
6 Capinopolis	8245	7004	98	16.1	3.3	42.6	2.3	2.8	1.0	14.4
11 Tlaltizapan	8245	6969	97	24.2	3.5	41.5	2.0	2.5	1.1	14.5
4 Rampur (1)	8233	6941	97	11.2	4.0	42.0	2.3	3.0	1.0	14.3
12 Across	8245	6756	95	14.2	3.5	41.0	2.0	2.3	0.9	15.1
7 Islamabad	8245	6710	94	11.9	3.8	33.0	2.0	2.8	1.1	14.4
5 Tlaltizapan	8232	6491	91	15.9	3.5	41.3	2.3	2.5	1.1	14.4
8 Islamabad (1)	8245	6292	88	19.9	3.3	40.8	2.3	2.8	1.0	14.5
3 Chiquisaca	8233	6109	85	23.5	3.5	42.0	2.5	2.5	0.9	14.3
2 Antalya (1)	8233	5952	83	18.6	3.5	39.3	2.0	2.5	1.0	14.4
15 Tlaltizapan	8245	5012	70	73.9	3.3	36.3	1.0	2.5	1.0	13.9
1 Antalya	8233	4964	69	23.9	3.3	39.3	1.5	2.3	1.0	14.2
13 Pirsabak	8248	4943	69	66.1	3.3	36.5	1.3	2.5	1.0	13.8
17 Across	774848	4310	60	100.0	3.5	41.0	1.0	2.5	0.9	13.7
14 Pirsabak (1)	8248	4240	59	73.4	3.3	40.5	1.0	2.0	0.8	14.1
MEANS		6143	86	33.3	3.5	40.0	1.9	2.6	1.0	14.3
MAXIMUM		7347	103	100.0	4.0	44.0	2.5	3.0	1.3	15.1
MINIMUM		4240	59	11.2	3.3	35.0	1.0	2.0	0.8	13.7
CHECKS (TESTIGOS):										
19 PM-102		7153	-	11.9	3.9	42.8	2.3	3.0	1.0	16.1
18 PM-701		5889	-	21.4	4.0	38.3	2.3	3.0	0.8	16.8
CHECK MEANS		6521	-	16.7	3.9	40.5	2.3	3.0	0.9	16.5
5% LSD		1438.2				6.3				0.7
C.V.		17.0				12.1				3.2

TABLE: 204-V-84

EVT16A YEAR 1984 MEXICO CD. OBREGON

CO-OPERATOR:ANGEL SOQUI, OSCAR COTA

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT	MOIST %
11 Tlaltizapan	8245	7408	117	71	181	95	1.7	6.2	0.6	45.5	3.5	22.7	1.0	16.8
7 Islamabad	8245	7407	117	70	178	99	1.7	3.4	0.0	44.5	4.0	14.6	1.0	16.2
6 Capinopolis	8245	7186	114	70	179	85	0.0	7.0	2.3	42.8	3.9	21.8	1.0	16.3
9 Sids	8245	7068	112	71	194	91	1.2	5.2	2.4	42.8	3.8	18.4	1.0	17.4
10 Sids (1)	8245	7063	112	71	170	73	0.6	16.7	2.1	41.8	4.0	14.8	1.1	16.0
12 Across	8245	6828	108	72	175	69	1.1	5.1	1.8	44.0	3.9	17.6	1.0	16.3
16 Across	7845RE	6753	107	74	190	100	5.1	11.5	0.6	43.5	3.5	32.4	1.0	16.7
4 Rampur (1)	8233	6743	107	71	179	84	0.0	4.2	1.0	42.5	4.0	20.6	1.1	15.6
2 Antalya (1)	8233	6705	106	68	178	85	0.6	14.0	1.6	43.3	4.0	17.9	1.1	16.4
8 Islamabad (1)	8245	6634	105	71	189	86	1.7	5.4	1.2	42.8	3.8	23.9	1.0	16.3
3 Chiquisaca	8233	6446	102	69	181	103	3.5	8.7	0.5	42.8	4.0	13.9	1.1	17.6
5 Tlaltizapan	8233	6401	101	70	175	84	0.6	6.1	2.7	41.8	3.9	14.5	1.1	16.2
17 Across	7748RE	6347	100	69	198	100	2.5	14.4	3.5	41.5	2.9	17.0	1.1	15.8
1 Antalya	8233	6134	97	69	186	94	1.6	8.3	3.2	45.5	3.9	17.8	1.0	16.0
13 Pirsabak	8248	5811	92	66	180	81	1.2	3.0	2.5	41.5	3.3	32.9	1.0	15.1
14 Pirsabak (1)	8248	5552	88	68	158	60	5.9	2.9	2.3	42.8	2.9	17.5	1.0	14.6
15 Tlaltizapan	8248	4835	76	67	179	70	3.2	5.4	3.7	41.5	2.8	19.7	1.0	15.2
MEANS		6546	103	70	180	86	1.9	7.5	1.9	43.0	3.6	19.9	1.0	16.1
MAXIMUM		7408	117	74	198	103	5.2	16.7	3.7	45.5	4.0	32.9	1.1	17.8
MINIMUM		4835	76	66	158	60	0.0	2.9	0.0	41.5	2.8	13.9	1.0	14.6
CHECKS (TESTIGOS):														
19 V-526		6331	-	72	214	125	7.3	6.5	7.8	42.3	3.9	15.9	1.0	20.2
18 V-455		5438	-	43	204	106	0.0	7.7	7.5	31.3	3.8	20.3	1.1	20.2
CHECK MEANS		5365	-	32	208	116	3.6	7.1	7.7	36.8	3.8	18.1	1.1	20.2
5% LSD		699.8		21.6	17.3	15.1				2.9				2.0
C.V.		7.6		23.2	6.7	12.0				4.9				8.6

TABLE: 205-V-84

EVT16A YEAR 1984 MEXICO XALISCO(NAY)

CO-OPERATOR:ING. CARLOS AGUIRRE, E.S.A, U.A.N.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	LEAF DIS.	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT	MOIST %
11 Tlaltizapan	8245	3111	90	59	155	61	11.0	9.9	8.1	3.3	23.8	2.5	0.0	1.0	18.3
12 Across	8245	2832	82	59	146	52	11.6	8.8	14.2	3.3	23.3	3.0	0.0	1.0	18.4
8 Islamabad (1)	8245	2561	74	62	165	57	14.0	10.2	5.4	3.5	21.0	3.5	0.0	1.1	17.6
6 Capinopolis	8245	2325	67	59	149	57	17.6	10.0	9.1	3.3	17.5	2.8	0.0	1.1	17.5
10 Sids (1)	8245	2253	65	58	142	55	19.5	16.4	9.4	3.3	18.3	3.0	0.0	1.0	17.6
1 Antalya	8233	2107	61	57	142	53	18.8	13.8	6.5	4.0	17.5	3.5	0.0	1.2	18.6
3 Chiquisaca	8233	2094	60	57	140	56	20.0	13.6	18.2	3.3	17.3	3.3	0.0	1.1	18.4
5 Tlaltizapan	8233	2076	60	58	142	54	12.4	14.3	10.5	3.0	19.3	3.5	0.0	1.0	17.2
2 Antalya (1)	8233	1963	57	56	137	50	15.5	12.5	8.4	3.5	18.3	3.5	0.0	1.0	17.3
7 Islamabad	8245	1927	56	59	147	56	18.0	17.7	21.6	3.8	15.5	3.8	0.0	1.1	18.3
16 Across	7845RE	1639	47	59	145	55	28.0	16.4	10.6	3.0	13.5	4.3	0.0	1.0	19.0
9 Sids	8245	1584	46	58	155	56	27.1	20.0	8.2	3.3	12.3	3.3	0.0	1.3	19.1
4 Rampur (1)	8233	1574	45	61	138	53	22.7	12.9	10.3	3.5	16.0	3.5	0.0	1.0	17.2
13 Pirsabak	8248	1245	36	55	146	45	40.3	25.0	41.7	3.8	13.5	4.3	0.0	2.2	17.8
17 Across	7748RE	1111	32	55	148	48	25.4	15.9	33.9	4.5	13.0	5.0	0.0	1.0	19.5
14 Pirsabak (1)	8248	821	24	55	133	40	35.0	16.7	60.4	4.8	12.0	5.0	0.0	1.2	18.0
15 Tlaltizapan	8248	757	22	55	136	39	28.1	17.0	35.5	3.8	11.3	5.0	0.0	1.2	19.8
MEANS		1881	54	58	145	52	21.6	14.9	18.4	3.6	16.6	3.7	0.0	1.2	18.2
MAXIMUM		3111	90	62	165	61	40.3	25.0	60.4	4.8	23.8	5.0	0.0	2.2	19.8
MINIMUM		757	22	55	133	39	11.0	8.8	5.4	3.0	11.3	2.5	0.0	1.0	17.2
CHECKS (TESTIGOS):															
18 B-555		3469	-	71	168	69	10.6	8.7	15.0	1.3	16.0	1.3	0.0	1.2	19.5
19 H-503		1951	-	79	216	127	8.5	8.5	13.1	2.0	16.5	3.0	0.0	1.1	22.2
CHECK MEANS		2710	-	74	191	97	9.6	8.6	14.0	1.6	16.3	2.1	0.0	1.1	20.9
5% LSD		1206.5		4.0	13.5	10.0					7.5				1.2
C.V.		43.2		4.7	8.7	12.4					31.8				4.5

TABLE: 206-V-84

EVT16A YEAR 1984 YEMEN A.R. TAIZ

CO-OPERATOR:ALI S. KAMBAL

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT
2 Antalya (1)	8233	3034	156	72	105	49	3.3	2.5	40.0	2.7	1.6	3.0	1.0
12 Across	8245	3005	154	73	106	47	0.0	2.5	38.3	3.0	4.6	2.7	1.0
9 Sids	8245	2888	148	75	107	47	0.8	2.8	38.3	2.3	4.2	2.7	1.0
11 Tlaltizapan	8245	2849	146	73	103	52	0.0	2.4	40.0	2.7	4.8	3.0	0.9
1 Antalya	8233	2830	145	71	112	42	1.0	1.6	38.7	2.0	6.2	2.0	1.0
6 Capinopolis	8245	2750	141	74	107	48	0.0	2.5	40.0	2.7	8.8	2.7	0.9
3 Chiquisaca	8233	2723	140	74	97	43	0.0	0.0	36.0	2.3	6.6	3.0	1.0
4 Rampur (1)	8233	2579	132	73	95	38	0.8	1.0	38.7	2.3	6.2	2.7	1.0
5 Tlaltizapan	8233	2525	130	76	112	52	0.0	1.7	38.3	2.3	4.5	2.7	1.0
17 Across	7748RE	2466	127	72	105	45	1.7	0.0	40.0	2.7	7.4	2.7	1.0
13 Pirsabak	8248	2427	125	67	117	43	1.7	3.8	37.7	3.3	1.0	3.0	1.0
16 Across	7845RE	2415	124	78	113	53	0.0	0.0	38.7	2.3	5.6	2.7	0.9
10 Sids (1)	8245	2408	124	70	90	33	2.6	4.4	38.0	3.0	2.0	2.7	0.9
8 Islamabad (1)	8245	2314	119	72	93	40	0.0	1.7	37.7	2.7	4.9	2.3	0.9
15 Tlaltizapan	8248	2290	118	69	95	28	1.8	11.3	36.0	3.0	5.5	3.3	1.0
14 Pirsabak (1)	8248	2154	111	70	93	33	8.5	3.5	38.7	3.3	5.8	3.7	0.9
7 Islamabad	8245	2151	110	73	113	51	0.9	1.0	35.3	3.3	0.0	3.0	0.9
MEANS		2577	132	73	104	43	1.4	2.5	38.3	2.7	4.7	2.8	1.0
MAXIMUM		3034	156	78	117	53	8.5	11.3	40.0	3.3	8.8	3.7	1.0
MINIMUM		2151	110	67	90	28	0.0	0.0	35.3	2.0	0.0	2.0	0.9
CHECKS (TESTIGOS):													
19 OSEIFRA		1947	-	73	137	57	0.8	5.6	33.7	3.3	6.7	3.7	1.2
18 KHAMALLEN		1705	-	81	118	55	0.0	0.8	35.7	2.7	0.0	2.3	0.9
CHECK MEANS		1826	-	77	127	55	0.4	3.2	34.7	3.0	3.3	3.0	1.0
5% LSD		959.7		4.2	21.4	15.1			5.6				
C.V.		23.2		3.5	12.2	20.4			8.9				

TABLE: 207-V-84

YEAR: 1984

TRIAL: EVT16A
MEANS ACROSS 29 LOCATIONS

ENTRY NO. AND NAME		PARENT POPULATION	REGION I KG./HA	II KG./HA	III KG./HA	IV KG./HA	VI KG./HA	OVER ALL <------MEAN------> DAYS FLOWER	PLANT HT.	KG./HA
6 Capinopolis	8245	Amarillo Bajio	4815	6059	5660	3470	5081	63	189	5077
11 Tlaltizapan	8245	Amarillo Bajio	4796	6647	5170	2854	4862	64	191	4949
10 Sids (1)	8245	Amarillo Bajio	4692	6006	5285	2875	5196	63	187	4894
7 Islamabad	8245	Amarillo Bajio	4593	6106	5592	3051	4561	63	193	4875
12 Across	8245	Amarillo Bajio	4459	6210	5540	3048	5110	63	195	4865
16 Across	7845RE	Amarillo Bajio	4636	5823	5229	2619	5265	65	190	4824
8 Islamabad (1)	8245	Amarillo Bajio	4330	5811	5664	2984	5160	63	191	4791
9 Sids	8245	Amarillo Bajio	4582	5583	5284	3191	4772	64	194	4775
3 Chiquisaca	8233	Amarillo Subtropical	4289	5739	5067	2862	4911	63	185	4588
5 Tlaltizapan	8233	Amarillo Subtropical	4329	5637	4942	2873	4922	64	186	4570
1 Antalya	8233	Amarillo Subtropical	4037	5396	4923	2729	4733	62	183	4368
4 Rampur (1)	8233	Amarillo Subtropical	4127	5382	4561	2447	4438	64	188	4296
2 Antalya (1)	8233	Amarillo Subtropical	4003	5598	4250	3399	4562	62	183	4244
17 Across	7748RE	Compuesto de Hungary	3312	4674	5199	3071	3596	60	187	3910
13 Pirsabak	8248	Compuesto de Hungary	3178	4252	5515	2487	3947	58	177	3871
15 Tlaltizapan	8248	Compuesto de Hungary	3091	3925	5181	2547	4452	59	169	3773
14 Pirsabak (1)	8248	Compuesto de Hungary	2830	4051	4929	2150	3356	58	168	3458
Mean			4124	5476	5176	2862	4643	62	185	4478
No of Locations			14	3	7	2	3	26	28	29

Region I= South America
II= North, Central America and the Caribbean
III= Mideast
IV= West Africa
VI= Asia

TABLE: 208-V-84

EVT163 YEAR 1984 ARGENTINA PERGAMINO

CO-OPERATOR:ING. L. A. DAMILANO, INTA

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 %
6 Tlaltizapan 8244	4278	91	74	206	100	5.2	0.0	43.5	1.0	10.8	1.0	0.8	28.1
7 Tlaltizapan 8247	4767	89	75	201	96	9.1	0.0	39.0	2.0	6.6	4.0	0.8	25.0
4 Sids 8244	4637	84	74	217	110	4.9	0.0	41.3	2.0	7.1	1.0	0.8	29.6
9 Across 7344PE	4500	84	73	206	103	4.9	0.0	41.3	3.0	5.9	1.0	0.8	29.2
3 Across 8134	4032	76	71	197	104	7.2	0.0	41.5	3.0	8.6	3.0	0.8	26.6
5 Sids (1) 8244	4079	74	72	205	106	3.8	0.0	41.3	3.0	11.5	2.0	0.7	29.0
2 Lambo (1) 7134	3819	73	70	203	107	4.1	0.0	43.0	3.0	11.7	2.0	0.8	26.3
1 Lambo 7134	3725	69	70	208	107	7.2	0.0	42.0	3.0	15.5	3.0	0.7	26.5
8 Across 7734PE	3393	62	67	193	102	4.3	0.0	40.3	3.0	10.7	2.0	0.8	21.8
MEANS	4209	78	71	203	104	5.6	0.0	41.4	2.6	9.8	2.1	0.8	26.9
MAXIMUM	4478	91	74	217	110	9.1	0.0	43.5	3.0	15.5	4.0	0.8	29.6
MINIMUM	3393	62	67	193	96	3.9	0.0	39.0	1.0	5.9	1.0	0.7	21.8
CHECKS (TESTIGOS):													
11 CARGILL 360	5373	-	67	201	95	9.3	0.0	39.0	2.0	7.1	3.0	0.9	20.8
10 AGUACA INTA	4513	-	65	195	96	11.3	0.0	42.3	3.0	7.4	3.0	0.8	21.7
CHECK MEANS	4943	-	67	198	90	9.9	0.0	40.6	2.5	7.2	3.0	0.9	21.3
5% LSD	775.2		1.4	9.4	9.5			2.3					
C.V.	12.3		1.4	3.2	5.9			3.9					

TABLE: 209-V-84

EVT16B YEAR 1984 BOLIVIA ISOPERENDA

CO-OPERATOR:ALBERTO HINOJOSA PADILLA, CORDECH

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
5 Sids (1)	8244	6173	138	59	212	108	3.7	9.2	31.3	1.8	1.3	1.1	14.6
1 Lambo	8134	5554	124	54	205	113	1.7	11.3	32.0	1.8	1.5	1.3	15.6
7 Tlaltizapan	8247	5389	120	53	208	110	1.0	12.5	33.5	1.5	1.3	1.0	14.5
8 Across	7734RE	5243	117	55	198	98	5.5	11.0	35.5	1.8	2.5	1.2	16.2
6 Tlaltizapan	8244	5205	116	59	205	105	1.6	10.3	33.5	1.8	1.3	1.0	14.9
3 Across	8134	5117	114	55	205	103	1.5	17.2	34.3	1.5	1.5	1.0	14.6
2 Lambo (1)	8134	4937	110	54	203	103	4.8	12.8	34.3	1.5	1.3	1.0	14.9
4 Sids	8244	4543	101	59	220	113	4.5	10.5	35.8	1.5	1.5	0.9	15.1
9 Across	7844RE	3780	84	59	220	115	2.5	7.7	32.3	2.3	1.5	0.9	15.2
	MEANS	5105	114	56	208	107	3.0	11.4	33.6	1.7	1.5	1.0	15.1
	MAXIMUM	6173	138	59	220	115	5.5	17.2	35.8	2.3	2.5	1.3	16.2
	MINIMUM	3780	84	53	198	98	1.0	7.7	31.3	1.5	1.3	0.9	14.5
CHECKS (TESTIGOS):													
11 IBOP-5		4488	-	64	245	140	1.5	7.2	31.3	1.5	1.8	1.0	15.9
10 IBOP. OPACO 2		4389	-	63	233	133	2.2	10.4	36.3	1.5	1.3	0.9	16.6
CHECK MEANS		4438	-	63	239	136	1.8	8.8	33.8	1.5	1.5	0.9	16.3
	5% LSD	1416.5		1.4	23.3	14.7			6.3				1.5
	C.V.	19.7		1.7	7.6	11.5			12.9				6.7

TABLE: 210-V-84

EVT16B YEAR 1984 BRAZIL CRUZ ALTA

CO-OPERATOR:FECOTRIGO

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
4 Sids	8244	6030	99	81	180	90	42.5	0.9	13.0
6 Tlaltizapan	8244	5980	98	79	165	90	44.8	0.9	13.0
5 Sids (1)	8244	5831	96	78	190	90	45.5	0.8	13.0
9 Across	7844RE	5791	95	80	200	90	44.3	0.8	13.0
3 Across	8134	5136	94	75	160	80	43.6	0.8	13.0
2 Lambo (1)	8134	4963	82	77	180	80	43.5	0.8	13.0
1 Lambo	8134	4566	75	78	130	75	43.3	0.8	13.0
8 Across	7734RE	4442	73	76	165	90	43.0	0.8	13.0
7 Tlaltizapan	8247	4342	71	75	140	70	45.0	0.6	13.0
MEANS		5230	86	78	172	84	43.9	0.8	13.0
MAXIMUM		6030	99	81	200	90	45.5	0.9	13.0
MINIMUM		4342	71	75	140	70	42.5	0.6	13.0
CHECKS (TESTIGOS):									
11 LOCAL CHECK 2		6079	-	81	190	95	41.0	0.8	13.0
10 LOCAL CHECK 1		5260	-	80	190	90	35.5	0.9	13.0
CHECK MEANS		5670	-	80	190	92	38.3	0.9	13.0
5% LSD		772.3					3.9		
C.V.		10.1					6.3		

TABLE: 211-V-84

EVT16b YEAR 1984 BRAZIL COTRI JUI

CO-OPERATOR:CARBONERA,R., COLOMBO,V.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
4 Sids	8244	5672	92	81	171	98	11.4	61.1	16.2	42.2	3.3	32.8	3.3	1.0	16.8
6 Tlaltizapan	8244	5591	91	80	162	95	6.0	86.8	16.1	41.3	3.5	32.2	4.0	1.1	16.9
5 Sids (1)	8244	5414	88	81	164	97	9.4	83.7	21.3	42.8	2.8	29.6	3.3	1.1	17.1
9 Across	7844RE	5407	88	81	171	100	12.0	63.3	14.3	39.5	2.8	26.1	2.8	1.1	16.5
2 Lambo (1)	8134	5202	85	81	165	98	7.7	83.3	19.5	41.8	4.0	27.1	3.3	1.1	17.1
8 Across	7734RE	4476	73	74	156	98	11.8	85.2	11.1	39.0	4.0	24.1	4.3	1.2	17.0
1 Lambo	8134	4380	71	80	159	93	5.5	83.4	14.8	40.3	4.3	30.7	4.0	1.1	17.0
7 Tlaltizapan	8247	4277	70	76	148	90	20.2	56.9	24.8	39.0	4.3	31.3	4.5	1.0	16.7
3 Across	8134	4178	68	81	151	94	5.8	88.5	20.5	39.0	4.5	29.7	4.8	1.1	16.8
	MEANS	4955	81	79	161	96	10.0	76.9	17.6	40.5	3.7	29.3	3.8	1.1	16.9
	MAXIMUM	5672	92	81	171	100	20.2	88.5	24.8	42.8	4.5	32.8	4.8	1.2	17.1
	MINIMUM	4178	68	74	148	90	5.5	56.9	11.1	39.0	2.8	24.1	2.8	1.0	16.7
CHECKS (TESTIGOS):															
11 LOCAL CHECK 2		6154	-	81	173	107	31.2	59.8	11.5	40.0	2.0	23.6	4.0	1.2	16.7
10 LOCAL CHECK 1		4784	-	81	164	102	16.3	81.2	12.0	38.5	2.8	27.9	3.8	1.2	17.0
CHECK MEANS		5469	-	81	168	104	23.7	70.5	11.7	39.3	2.4	25.7	3.9	1.2	16.8
	5% LSD	879.4		1.5	13.6	11.9				2.7					0.4
	C.V.	12.1		1.3	5.8	8.5				4.6					1.7

TABLE: 212-V-84

EVT16B YEAR 1984 MEXICO CD. OPREGON

CO-OPERATOR:ANGEL SOQUI, OSCAR COTA, INIA CIANO

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT	MOIST %
6 Tlaltizapan 8244	6916	109	83	191	93	0.0	15.5	1.9	41.8	3.9	36.4	0.5	18.0
5 Sids (1) 8244	6382	108	81	189	103	1.8	16.9	4.0	43.0	4.0	31.9	0.4	20.9
7 Tlaltizapan 8247	6745	106	78	188	98	1.7	4.6	1.1	43.0	4.3	18.3	0.5	14.7
4 Sids 8244	6579	105	85	195	104	6.4	29.3	1.6	42.5	3.8	23.2	0.4	16.9
3 Across 8134	6453	101	79	183	93	2.3	6.5	5.7	41.0	4.0	18.9	0.5	18.2
1 Lambo 8134	6437	101	82	189	89	1.2	9.4	1.7	40.8	4.0	27.4	0.5	18.0
2 Lambo (1) 8134	6036	95	84	189	94	1.2	10.1	3.3	42.8	4.0	17.4	0.4	16.3
9 Across 7944RE	5610	88	84	198	104	1.9	17.2	2.2	42.3	3.8	26.6	0.4	18.6
8 Across 7734RE	4986	78	74	171	83	1.6	14.7	4.8	35.3	3.9	17.4	0.5	17.6
MEANS	6305	99	81	188	95	2.0	13.8	2.9	41.4	3.9	24.2	0.5	17.7
MAXIMUM	6916	109	85	198	104	6.4	29.3	5.7	43.0	4.3	36.4	0.5	20.9
MINIMUM	4986	78	74	171	83	0.0	4.6	1.1	35.3	3.8	17.4	0.4	14.7
CHECKS (TESTIGOS):													
10 V-425	6365	-	79	191	91	0.0	10.3	7.6	41.3	3.9	18.5	0.4	15.5
11 V-455	6347	-	66	190	101	0.0	12.0	1.2	27.3	3.9	20.5	0.4	16.3
CHECK MEANS	6356	-	72	190	96	0.0	11.1	4.4	34.3	3.9	19.5	0.4	15.9
5% LSD	1093.5		19.2	14.7	14.4			5.5	3.9				
C.V.	12.0		16.8	5.4	10.4			120.2	6.7				

TABLE: 213-V-84

EVT16B YEAR 1984 MEXICO . XALISCO(NAY)

CO-OPERATOR:ING. CARLOS AGUIRRE, E.S.A, U.A.N.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	LEAF DIS.	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
6 Tlaltizapan	8244	3949	89	66	188	90	5.4	6.3	1.0	2.5	27.8	2.3	9.6	2.5	1.0	24.3
5 Sids (1)	8244	3556	81	64	183	91	5.9	8.3	10.5	3.8	21.0	2.8	10.0	3.5	1.3	24.2
7 Tlaltizapan	8247	3537	80	59	179	80	6.0	4.1	15.4	3.5	25.0	2.8	12.4	3.8	1.1	23.5
3 Across	8134	3529	80	59	164	71	5.3	5.4	3.7	3.0	23.5	2.0	14.8	4.0	1.0	20.3
8 Across	7734RE	3088	70	60	172	76	11.7	4.7	6.5	4.5	21.5	3.3	12.1	5.0	1.2	19.2
9 Across	7844RE	3061	69	66	181	88	8.7	7.6	1.1	3.3	22.8	3.3	12.0	3.5	1.0	23.4
4 Sids	8244	2998	68	67	197	90	8.3	6.4	3.0	2.8	22.5	2.8	13.8	2.5	1.1	21.0
1 Lambo	8134	2832	64	62	185	80	9.5	6.1	8.5	3.3	20.5	3.3	13.4	3.5	1.2	21.3
2 Lambo (1)	8134	2515	57	64	176	83	7.9	5.4	10.7	2.8	20.5	3.3	17.3	3.5	1.0	23.7
	MEANS	3229	73	63	179	83	7.6	6.0	6.7	3.3	22.8	2.8	12.9	3.5	1.1	22.3
	MAXIMUM	3949	89	67	188	91	11.7	8.3	15.4	4.5	27.8	3.3	17.8	5.0	1.3	24.3
	MINIMUM	2515	57	59	164	71	5.3	4.1	1.0	2.5	20.5	2.0	9.6	2.5	1.0	19.2
CHECKS (TESTIGOS):																
10 B-555		4415	-	68	202	96	6.7	4.3	4.9	1.5	23.8	2.5	10.7	1.8	1.1	22.4
11 H-503		1893	-	79	229	132	6.6	5.3	1.1	2.3	19.0	2.5	4.8	2.0	1.1	22.4
CHECK MEANS		3154	-	73	215	114	6.6	4.8	3.0	1.9	21.4	2.5	7.8	1.9	1	22.4
	5% LSD	1119.4		3.4	15.8	12.2					4.9					
	C.V.	24.1		3.6	5.9	9.5					15.0					

TABLE: 214-V-84

YEAR: 1984

TRIAL: EVT16B
MEANS ACROSS 14 LOCATIONS

ENTRY NO. AND NAME	PARENT POPULATION	REGION I KG./HA	REGION II KG./HA	REGION III KG./HA	REGION VI KG./HA	OVER ALL MEAN DAYS FLOWER	OVER ALL MEAN PLANT HT.	OVER ALL MEAN KG./HA
6 Tlaltizapan 8244	AED Tuxpeno	5413	5067	7964	5700	70	190	5716
4 Sids 8244	AED Tuxpeno	5196	4594	8568	5703	71	196	5571
5 Sids (1) 8244	AED Tuxpeno	5374	4907	7459	5427	70	190	5516
9 Across 7844RE	AED Tuxpeno	4957	4364	8301	5041	71	195	5215
3 Across 8134	Blanco Subtropical	4628	4605	7069	4527	68	181	4947
7 Tlaltizapan 8247	Templado Blanco	4694	4569	6692	4495	66	182	4892
2 Lambo (1) 8134	Blanco Subtropical	4755	4261	6812	4251	69	189	4764
1 Lambo 8134	Blanco Subtropical	4557	4552	6308	4120	69	189	4712
8 Across 7734RE	Blanco Subtropical	4390	4053	6034	4168	65	179	4457
Mean		4875	4552	7245	4826	69	188	5088
No of Locations		4	5	2	3	14	14	14

Region I= South America
II= North, Central America and the Caribbean
III= Mideast
VI= Asia

Tables Summarizing Final 1984 Results
Elite Variety Trials (ELVTs)
(Resumen de los resultados finales de los Ensayos de Variedades Elite (ELVT), 1984)

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TABLE: 64-EV-84

EVT18A YEAR 1984 BOLIVIA ISOPERENCA

CO-OPERATOR:ALBERTO HINOJOSA PADILLA, CORDECH

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	HOIST %
10 Londrina	8136	7521	110	67	213	110	0.0	8.0	40.0	1.3	1.0	1.1	20.1
7 Ferke (1)	8128	7308	107	67	215	115	0.7	6.5	39.8	1.3	1.3	1.2	22.0
9 Poza Rica	8129	7306	107	67	215	113	0.0	6.7	36.8	1.3	1.3	1.1	21.5
4 Los Banos	8027	6788	99	68	210	109	0.7	6.4	40.3	1.0	1.0	1.1	21.2
13 Santa Rosa	8073	6753	99	69	235	123	0.6	8.9	38.8	2.3	1.0	1.1	21.5
11 Poza Rica	8136	6651	97	67	205	103	0.0	6.8	40.3	1.0	1.0	0.9	20.3
6 Guarere (1)	8126	6353	93	67	233	123	0.0	8.3	36.8	1.8	1.3	1.1	21.5
15 Across	7729 RE	6283	92	68	213	110	0.0	9.3	35.5	1.8	1.3	1.1	21.5
5 La Molina	8128	6258	92	66	230	120	0.0	3.7	36.0	1.3	1.3	1.1	21.1
1 Poza Rica	8121	6079	89	67	230	118	0.0	6.0	40.0	2.3	1.3	0.9	21.4
3 Across	8024	6039	89	67	225	118	0.0	5.0	37.5	1.8	1.0	1.1	22.8
8 Muneng	8128	6023	88	67	213	113	0.0	7.1	37.3	1.3	1.3	1.0	23.0
2 Across	8121	5788	85	67	220	119	0.0	8.2	36.0	2.0	1.0	1.0	22.2
14 Across	7728 RE	5727	84	67	233	120	0.7	8.1	37.3	2.0	1.3	1.1	22.4
12 Ilonga	8043	4641	68	68	220	120	0.0	8.2	31.0	3.3	1.5	1.1	22.8
	MEANS	6368	93	67	221	116	0.2	7.4	37.5	1.7	1.2	1.1	21.7
	MAXIMUM	7521	110	69	235	123	0.7	9.3	40.3	3.3	1.5	1.2	23.0
	MINIMUM	4641	68	66	205	103	0.0	3.7	31.0	1.0	1.0	0.9	20.1
CHECKS (TESTIGOS):													
17 TUXPENO P.B.		6826	-	67	225	123	1.5	9.7	37.0	1.5	1.0	1.0	22.2
16 TUXPENO 1		6049	-	67	225	118	0.0	7.8	37.3	2.0	1.3	1.0	21.8
CHECK MEANS		6437	-	66	225	120	0.7	8.7	37.1	1.8	1.1	1.0	22.0
	5% LSD	1772.4		1.4	20.5	16.8			4.7				2.0
	C.V.	19.6		1.5	6.5	10.2			8.9				6.5

TABLE: 65-EV-84

EVT1BA YEAR 1984 BRAZIL SETE LAGOAS

CO-OPERATOR:RICARDO MAGNAVACA, EMBRAPA-CNPMS

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
2 Across	8121	8567	97	244	126	4.8	22.1	3.3	45.5	1.0	18.1
7 Ferke (1)	8128	8061	91	244	140	1.7	5.2	2.1	43.5	1.1	18.8
12 Ilonga	8043	8045	91	249	136	4.0	14.9	1.7	44.0	1.0	18.0
6 Guarere (1)	8128	7882	89	239	113	2.8	12.5	2.6	44.0	1.1	17.8
14 Across	7728 RS	7732	87	246	113	1.7	9.8	2.6	43.8	1.1	19.0
8 Muneng	8128	7516	86	235	119	5.9	8.8	1.6	42.8	1.1	18.9
15 Across	7729 RS	7552	86	229	126	2.3	4.5	3.4	44.0	1.0	18.6
1 Poza Rica	8121	7542	85	241	130	0.6	8.1	2.4	43.3	1.0	18.4
9 Poza Rica	8129	7475	85	218	121	0.6	4.0	4.0	43.8	1.0	17.0
13 Santa Rosa	8073	7464	84	251	135	4.7	21.0	3.6	43.0	1.0	17.7
10 Londrina	8136	7458	84	235	119	0.6	4.0	1.8	43.5	1.0	17.3
5 La Molina	8128	7426	84	236	116	4.5	7.4	2.9	44.0	1.0	17.5
4 Los Banos	8027	7347	83	226	118	5.8	9.3	3.1	43.5	1.1	18.3
11 Poza Rica	8136	7103	80	226	114	4.0	22.3	4.0	43.5	1.0	16.7
3 Across	8024	7003	79	236	118	6.9	15.6	1.2	43.3	1.0	17.4
MEANS		7623	86	237	124	3.4	10.0	2.7	43.7	1.0	18.0
MAXIMUM		8567	97	251	140	6.9	22.1	4.0	45.5	1.1	19.0
MINIMUM		7003	79	218	114	0.6	2.3	1.2	42.8	1.0	16.7
CHECKS (TESTIGOS):											
16 BR 301		8343	-	220	121	2.3	4.6	1.1	43.8	1.1	17.1
17 BR 300		7443	-	243	120	7.7	8.5	2.8	45.5	1.0	17.9
CHECK MEANS		8143	-	236	120	5.0	6.5	1.9	44.6	1.0	17.5
5% LSD		739.2		13.9	17.0				1.3		
C.V.		6.7		4.1	9.7				2.0		

TABLE: 66-EV-84

EVT18A YEAR 1984 BRAZIL LONDRINA

CO-OPERATOR:ANTONIO CARLOS GERAGE, IAPAR

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
15 Across	7729 RE	2932	134	113	240	134	12.2	76.8	7.1	49.3	3.3	0.8	17.1
13 Santa Rosa	8073	2902	133	115	244	136	5.8	77.3	11.5	44.5	3.0	0.8	17.9
3 Across	8024	2570	118	115	223	119	11.7	77.1	12.9	42.8	3.5	0.8	17.0
10 Londrina	8136	2528	116	115	226	123	2.2	83.0	8.9	45.0	3.3	0.7	16.4
12 Ilonga	8043	2518	115	117	235	126	10.3	83.8	15.2	43.5	3.5	0.8	16.6
11 Poza Rica	8136	2391	109	114	234	123	7.8	75.9	14.9	42.5	3.8	0.8	17.4
14 Across	7728 RE	2321	106	117	240	138	9.5	72.3	23.1	44.5	3.5	0.7	17.9
8 Muneng	8128	2294	105	115	231	119	6.5	80.4	15.9	47.0	4.0	0.6	18.8
1 Poza Rica	8121	2227	102	112	234	123	6.1	72.6	20.8	46.0	4.0	0.6	18.8
7 Ferke (1)	8128	2179	100	115	233	121	6.4	86.9	22.2	45.0	4.0	0.7	15.9
4 Los Banos	8027	2137	98	112	231	126	6.3	89.4	14.3	44.0	3.5	0.6	16.1
5 La Molina	8128	2123	97	116	229	121	5.1	72.8	13.3	44.5	3.5	0.6	17.3
9 Poza Rica	8129	2100	96	115	236	126	5.7	73.9	17.4	44.3	3.8	0.7	17.8
2 Across	8121	1939	89	112	230	124	6.5	79.4	14.6	40.3	4.0	0.7	17.6
6 Guarere (1)	8128	1898	87	118	244	134	6.5	86.7	16.3	46.0	4.0	0.5	17.7
MEANS		2337	107	115	234	126	7.3	79.2	15.2	44.6	3.6	0.7	17.3
MAXIMUM		2932	134	118	244	138	12.2	89.4	23.1	49.3	4.0	0.8	18.8
MINIMUM		1898	87	112	223	119	2.2	72.3	7.1	40.3	3.0	0.5	15.9
CHECKS (TESTIGOS):													
16 P-6875		2185	-	116	221	123	2.7	85.3	16.4	43.5	3.8	0.7	17.5
17 AG-301		1991	-	121	229	120	6.5	69.7	14.5	42.3	3.8	0.6	17.4
CHECK MEANS		2088	-	119	225	121	4.6	77.8	15.5	42.9	3.8	0.6	17.4
5% LSD		990.1		5.0	17.6	17.9				7.4			2.0
C.V.		30.2		3.1	5.3	10.1				11.8			8.2

TABLE: 67-EV-84

EVT18A YEAR 1984 BRAZIL CAPINOPOLIS

CO-OPERATOR:SEMENTES AGROCERES S.A.

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	EARS/ PLNT
12 Ilonga	8043	7343	96	60	236	134	1.7	1.1	5.3	1.5	3.5	43.8	1.5	3.0	1.0
8 Muneng	8128	7629	93	59	218	116	2.4	0.6	0.5	1.3	2.3	43.0	2.0	2.5	1.0
4 Los Banos	8027	7549	92	59	205	105	2.8	0.6	1.1	1.5	1.0	44.0	1.3	2.8	1.0
7 Ferke (1)	8128	7492	92	59	224	120	1.1	0.0	2.9	1.5	2.3	43.3	2.0	2.8	1.0
1 Poza Rica	8121	7244	89	61	224	116	2.3	1.1	4.3	1.8	2.8	43.8	2.0	2.8	1.0
9 Poza Rica	8129	6953	85	59	203	109	3.4	0.6	4.7	2.0	3.0	44.0	2.5	2.5	0.9
13 Santa Rosa	8073	6796	83	60	213	114	5.3	0.6	3.7	1.8	2.5	43.5	2.0	3.3	0.9
14 Across	7728 RE	6794	83	59	224	116	5.7	0.6	3.5	1.8	2.5	43.5	2.5	3.0	1.0
15 Across	7729 RE	6762	83	60	223	114	2.3	0.0	1.8	1.5	2.5	43.0	2.3	2.8	1.0
3 Across	8024	6697	82	61	220	116	2.3	0.0	1.2	1.8	3.0	43.5	2.5	3.0	0.9
11 Poza Rica	8136	6685	82	58	204	105	3.5	0.0	1.8	1.5	3.0	43.0	2.5	2.8	1.0
6 Guarera (1)	8128	6637	81	60	215	111	1.1	0.6	1.2	1.0	2.0	43.3	2.0	2.8	1.0
2 Across	8121	6446	79	61	225	125	0.6	0.0	8.0	2.0	3.0	44.0	2.0	2.8	0.9
5 La Molina	8126	6409	78	59	224	120	2.9	0.6	5.9	2.0	2.3	43.8	2.8	3.0	1.0
10 Londrina	8136	6212	76	58	205	105	2.3	0.6	4.3	1.8	3.0	43.0	2.8	3.2	1.0
MEANS		6943	85	59	219	115	2.7	0.5	3.4	1.6	2.6	43.5	2.2	2.9	1.0
MAXIMUM		7343	96	61	236	134	5.3	1.1	8.0	2.0	3.5	44.0	2.8	3.3	1.0
MINIMUM		6212	76	58	204	105	0.6	0.0	0.5	1.0	1.0	43.0	1.3	2.5	0.9
CHECKS (TESTIGOS):															
16 AG-301		8165	-	62	249	149	12.5	0.0	1.1	1.0	4.0	43.8	1.0	3.0	1.0
17 AG-401		7575	-	63	240	149	5.8	0.6	1.0	1.0	2.8	43.0	2.0	3.0	1.1
CHECK MEANS		7370	-	62	243	148	9.2	0.3	1.1	1.0	3.4	43.4	1.5	3.0	1.1
5% LSD		847.7		1.2	13.2	13.3						1.3			
C.V.		8.5		1.5	4.2	7.9						2.0			

TABLE: 68-EV-84

EVT18A YEAR 1984 BRAZIL CRAVINHOS

CO-OPERATOR:DIMAIR J. POLONI, C.C.CBRASIL LTDA

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
6 Guerero (1)	8128	6714	89	69	210	106	68.5	42.3	1.0	0.9	13.9
7 Ferka (1)	8128	6669	89	69	211	126	73.8	41.8	1.0	0.9	14.0
2 Across	8121	6603	88	74	216	124	72.2	41.8	1.3	1.0	14.4
9 Poza Rica	8129	6483	86	70	200	111	50.7	43.5	1.3	0.9	13.9
12 Ilonga	8043	6319	84	73	218	114	66.7	41.3	1.3	1.0	13.3
15 Across	7729 RE	6183	82	73	211	124	78.0	42.3	1.3	0.9	14.1
14 Across	7728 RE	6058	81	70	205	108	60.8	41.8	1.0	1.0	13.5
1 Poza Rica	8121	5978	79	73	213	113	58.3	43.5	1.0	0.9	14.1
4 Los Banos	8027	5903	78	68	214	121	79.6	42.5	1.3	0.9	14.0
5 La Molina	8128	5887	78	69	218	115	74.9	42.0	1.5	0.9	13.7
11 Poza Rica	8136	5546	74	68	205	113	65.3	43.8	1.5	0.8	14.0
10 Londrina	8136	5542	74	68	196	123	62.1	42.3	1.5	0.9	13.7
8 Muneng	8128	5518	73	70	205	113	70.9	43.0	1.3	0.9	14.3
3 Across	8024	5496	73	72	198	109	81.5	41.5	1.5	1.0	14.1
13 Santa Rosa	8073	5178	69	73	204	106	53.5	42.0	1.3	0.9	14.0
	MEANS	6005	80	71	208	115	67.8	42.3	1.3	0.9	13.9
	MAXIMUM	6714	89	74	218	126	81.5	43.8	1.5	1.0	14.4
	MINIMUM	5178	69	68	196	106	50.7	41.3	1.0	0.8	13.3
CHECKS (TESTIGOS):											
17 CONTIMAX 322		7520	-	71	245	146	54.1	43.5	1.0	0.9	13.6
16 CONTIMAX 133		6336	-	78	248	148	64.7	41.0	1.0	0.9	13.6
CHECK MEANS		6928	-	74	246	146	59.4	42.3	1.0	0.9	13.6
	5% LSD	1038.3		1.9	19.0	19.9		2.0			0.5
	C.V.	11.9		1.9	6.3	11.8		3.3			2.3

TABLE: 69-EV-84

EVTICA YEAR 1984 BRAZIL LINHARES

CO-OPERATOR:ROMARIO GAVA FERRAO, EMPACA

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
9 Poza Rica	8129	4219	113	62	185	95	7.5	1.7	23.0	43.3	1.0	14.7
8 Muneng	8128	4130	110	63	205	117	6.0	1.2	21.7	42.3	1.0	15.8
4 Los Banos	8027	4017	107	63	199	107	4.0	1.1	20.1	43.3	1.0	16.1
13 Santa Rosa	8073	3956	106	64	198	108	9.2	0.6	16.1	43.8	1.0	15.4
12 Ilonga	8043	3964	106	63	195	102	5.4	0.6	29.1	42.5	0.9	14.7
11 Poza Rica	8136	3929	105	63	196	109	7.9	1.7	28.7	44.3	0.9	15.7
3 Across	8024	3927	105	64	194	101	4.0	0.6	28.7	44.3	0.9	15.4
6 Guarere (1)	8126	3859	103	63	200	103	8.7	1.2	34.5	43.3	0.9	14.6
14 Across	7729 RE	3849	103	63	199	105	5.7	0.6	23.4	43.8	1.0	14.8
5 La Molina	8128	3840	102	63	197	98	6.3	0.6	18.4	43.8	1.0	14.7
2 Across	8121	3763	100	63	207	113	8.0	2.5	26.8	41.5	0.9	15.4
10 Londrina	8136	3753	100	64	191	97	6.9	2.3	22.7	43.3	0.9	15.2
15 Across	7729 RE	3716	99	63	196	101	5.2	0.0	23.1	44.0	0.9	15.2
7 Ferke (1)	8123	3645	97	64	203	102	6.3	0.0	29.8	43.8	1.0	14.8
1 Poza Rica	8121	3550	95	62	186	97	4.0	0.0	25.5	43.3	0.9	15.2
MEANS		3876	103	63	195	104	6.3	1.0	24.8	43.3	0.9	15.2
MAXIMUM		4219	113	64	207	117	9.2	2.5	34.5	44.3	1.0	16.1
MINIMUM		3550	95	62	184	95	4.0	0.0	16.1	41.5	0.9	14.6
CHECKS (TESTIGOS):												
16 CMS 0503		3747	-	63	188	98	9.7	2.4	25.8	41.0	1.0	15.3
17 AG 163		3276	-	64	199	111	8.5	0.6	22.8	44.3	0.9	15.4
CHECK MEANS		3511	-	63	193	104	9.1	1.5	24.3	42.6	0.9	15.3
5% LSD		622.4		2.6	18.6	17.5				2.7		1.1
C.V.		11.4		2.9	6.7	11.9				4.5		5.2

TABLE: 70-EV-84

EVT18A YEAR 1984 PERU PIURA

CO-OPERATOR:M. NEVADO B.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
12 Ilonga	8043	9137	136	10.9	40.5	4.0	3.0	1.1	16.1
5 La Molina	8128	7423	110	9.3	37.5	1.8	3.0	1.1	15.5
15 Across	7729 RE	7370	109	10.1	40.0	2.9	3.0	1.0	16.9
4 Los Banos	8027	7295	108	4.6	36.5	4.0	3.5	1.2	15.0
7 Ferke (1)	8128	7268	108	5.4	37.0	2.3	3.0	1.2	16.7
6 Guarere (1)	8128	7248	108	8.2	34.5	2.3	3.0	1.3	15.9
3 Across	8024	7188	107	11.5	38.3	2.0	3.3	1.1	16.1
9 Poza Rica	8129	7123	106	15.2	37.5	3.3	3.0	1.0	16.7
2 Across	8121	7023	104	12.1	33.5	3.3	3.0	1.1	16.3
11 Poza Rica	8136	6971	104	5.4	39.3	2.0	3.0	1.1	14.8
13 Santa Rosa	8073	6960	103	10.5	36.5	3.3	3.0	1.1	15.9
1 Poza Rica	8121	6715	100	13.9	39.3	3.3	3.3	1.0	16.5
14 Across	7729 RE	6398	95	12.3	36.5	1.8	3.0	1.0	16.6
10 Londrina	8136	6362	94	9.0	33.3	2.5	3.0	1.1	15.2
8 Munong	8128	6240	93	10.3	37.8	1.8	3.0	1.1	16.6
MEANS		7115	106	10.3	37.2	2.7	3.1	1.1	16.1
MAXIMUM		9137	136	18.9	40.5	4.0	3.5	1.3	16.9
MINIMUM		6240	93	4.6	33.3	1.8	3.0	1.0	14.8
CHECKS (TESTIGOS):									
17 PM-102		6732	-	12.9	39.5	2.3	3.0	1.0	16.0
16 PM-701		5337	-	17.0	38.5	2.5	2.8	0.8	16.1
CHECK MEANS		6285	-	14.9	39.0	2.4	2.9	0.9	16.1
5% LSD		1590.0			5.6				1.2
C.V.		15.3			10.5				5.2

TABLE: 71-EV-84

EVT18A YEAR 1984 COSTA RICA TURRIALBA

CO-OPERATOR:I.I.C.A., CATIE

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
7 Ferke (1)	8126	5261	126	64	243	134	0.0	0.0	2.6	43.3	2.0	9.6	1.0	1.1	19.8
1 Poza Rica	8121	4970	119	63	243	131	0.0	3.4	2.9	43.8	2.0	11.7	1.5	1.0	20.1
11 Poza Rica	8136	4893	118	62	223	126	0.0	0.6	4.0	44.0	2.0	18.5	1.3	1.0	19.1
14 Across	7728 RE	4880	117	65	244	135	0.0	0.6	1.7	44.0	2.0	8.7	1.0	1.0	19.7
6 Guarere (1)	8128	4841	116	64	239	131	0.6	0.0	6.0	44.0	2.5	8.2	1.3	1.0	19.1
12 Ilonga	8043	4816	116	66	254	148	0.0	0.6	6.0	43.0	2.5	16.4	1.0	1.1	20.4
2 Across	8121	4793	115	64	244	141	0.0	0.0	4.0	43.5	2.3	8.7	1.0	1.0	19.6
9 Poza Rica	8129	4671	112	65	221	123	0.0	0.0	4.5	43.5	2.0	13.5	1.0	1.0	19.3
15 Across	7729 RE	4648	112	64	235	128	1.1	2.3	4.0	44.0	2.3	14.6	1.0	1.0	19.6
8 Muneng	8128	4563	110	65	238	136	0.0	1.1	3.5	44.0	2.5	8.2	1.3	1.1	19.4
4 Los Banos	8027	4540	109	63	231	129	0.0	0.6	2.0	44.0	2.3	13.0	1.3	1.1	18.8
5 La Molina	8128	4509	108	65	246	135	0.0	0.6	1.8	43.0	2.5	14.8	1.5	1.0	19.8
10 Londrina	8136	4413	106	63	226	125	0.0	0.6	7.2	43.8	2.8	16.7	1.0	1.0	19.0
3 Across	8024	4286	103	64	230	131	0.0	0.6	3.4	43.3	2.5	5.6	1.3	1.0	18.8
13 Santa Rosa	8073	4219	101	64	246	133	0.6	0.0	4.5	43.3	2.3	20.0	1.3	1.0	19.2
MEANS		4687	113	64	237	132	0.2	0.7	3.9	43.6	2.3	12.5	1.2	1.0	19.4
MAXIMUM		5261	126	66	254	148	1.1	3.4	7.2	44.0	2.8	20.0	1.5	1.1	20.4
MINIMUM		4219	101	62	221	123	0.0	0.0	1.7	43.0	2.0	5.6	1.0	1.0	18.8
CHECKS (TESTIGOS):															
16 LOCAL CHECK 1		4160	-	66	243	136	0.0	0.0	4.2	40.0	1.8	3.5	2.0	0.9	19.4
17 LOCAL CHECK 2		3972	-	65	223	121	0.0	3.2	2.6	41.0	2.5	5.3	1.5	0.9	18.5
CHECK MEANS		4066	-	65	232	128	0.0	1.6	3.4	40.5	2.1	4.4	1.8	0.9	19.0
5% LSD		595.3		0.6	9.8	9.2				1.9					1.0
C.V.		9.1		0.6	2.9	4.9				3.2					3.6

TABLE: 72-EV-84

EVT18A YEAR 1984 MEXICO CD. OBREGON

CO-OPERATOR:ANGEL SOGUI, OSCAR COTA, INIA-CIANO-CAEVY

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 %
15 Across	7729 B2	7131	101	95	229	121	0.0	4.0	2.2	43.3	4.1	14.6	1.1	15.3
14 Across	7723 B1	7207	[illegible]	95	246	149	0.5	1.7	2.7	44.0	3.8	20.3	1.1	15.2
11 Poza Rica	8136	7194	99	91	229	129	0.6	8.6	0.6	44.0	3.9	20.1	1.0	15.4
6 Guarero (1)	8128	7094	98	93	215	110	2.3	7.7	2.2	42.8	3.8	17.0	1.1	16.6
2 Across	8121	7079	97	97	229	123	0.0	11.6	4.2	43.5	4.0	21.5	1.1	17.0
13 Santa Rosa	8073	7050	97	94	229	123	1.9	14.7	1.7	40.0	3.5	18.6	1.1	16.8
4 Los Banos	8027	7033	97	83	204	108	0.6	10.5	1.0	42.0	4.1	15.3	1.2	17.2
1 Poza Rica	8121	6948	96	96	233	128	0.0	10.9	4.7	42.3	3.8	16.4	1.0	16.6
8 Muneng	8128	6940	96	94	228	128	1.2	7.7	1.6	42.5	3.8	18.7	1.1	17.0
10 Londrina	8136	6902	95	81	204	110	0.6	11.9	2.2	42.3	3.8	24.3	1.0	15.7
7 Ferke (1)	8128	6855	94	93	235	135	1.8	12.7	2.1	41.5	4.0	10.6	1.1	15.9
9 Poza Rica	8129	6810	94	83	224	119	0.0	1.2	1.8	42.3	3.9	21.2	0.9	15.3
5 La Molina	8125	6717	92	82	231	121	1.2	20.1	2.2	42.5	3.9	19.3	1.1	16.2
12 Ilonga	8043	6623	91	96	223	124	1.2	7.1	3.8	42.0	3.9	14.2	1.0	17.0
3 Across	8024	6170	85	85	215	129	1.7	11.8	1.6	42.0	3.8	18.5	1.0	16.8
	MEANS	6952	96	94	224	124	0.9	9.5	2.3	42.5	3.9	18.0	1.1	16.2
	MAXIMUM	7661	105	87	246	149	2.3	20.1	4.7	44.0	4.1	24.3	1.2	17.2
	MINIMUM	6170	85	81	204	108	0.0	1.2	0.6	40.0	3.5	10.6	0.9	15.2
CHECKS (TESTIGOS):														
17 V-526		7264	-	97	226	126	1.2	3.7	3.8	42.0	4.0	16.8	1.1	16.4
16 V-455		6809	-	95	234	124	0.0	6.0	0.6	31.3	3.9	27.0	1.2	17.9
CHECK MEANS		7037	-	96	230	125	0.6	4.9	2.2	36.6	3.9	21.9	1.1	17.1
	5% LSD	786.3		2.6	24.4	15.9				2.8				1.5
	C.V.	7.9		2.2	7.6	9.0				4.7				6.3

TABLE: 73-EV-84

EVT18A YEAR 1984 YEMEN A.R. TAIZ

CO-OPERATOR:ALI E. KAMBAL

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT
15 Across	7729 RE	2553	140	72	128	62	5.4	0.0	27.3	2.7	3.0	2.3	1.0
9 Poza Rica	8129	2471	136	74	123	52	6.9	0.0	29.7	3.3	5.5	2.7	1.0
13 Santa Rosa	8073	2424	133	73	125	57	5.2	0.0	29.7	3.0	3.7	2.3	1.0
4 Los Banos	8027	2407	132	72	127	57	3.6	1.4	28.0	2.3	1.4	2.3	1.0
2 Across	8121	2194	120	76	127	50	1.5	1.6	24.0	3.0	0.0	2.3	1.0
8 Hunsng	8128	2160	119	75	140	62	13.8	0.0	32.3	2.7	0.0	2.3	1.0
11 Poza Rica	8136	1899	104	72	122	48	3.3	0.0	27.7	3.3	5.6	2.3	1.0
10 Londrina	8136	1857	102	72	128	53	12.9	1.1	26.0	3.3	1.4	3.0	1.0
7 Farke (1)	8128	1848	101	72	133	56	14.2	0.0	25.3	3.3	1.1	2.7	1.0
12 Ilonga	8043	1776	97	74	123	50	4.1	0.0	24.3	3.7	2.9	2.7	1.0
1 Poza Rica	8121	1733	95	72	112	48	0.0	0.0	21.0	3.3	4.8	2.7	1.0
14 Across	7728 RE	1673	92	74	132	52	8.9	1.1	24.7	3.0	3.1	2.7	1.0
5 La Molina	8128	1588	87	75	120	43	2.4	2.4	21.7	3.7	11.3	3.3	1.0
6 Guarore (1)	8128	1353	74	76	103	33	16.8	5.0	20.7	4.3	0.0	3.3	1.0
3 Across	8024	1302	71	75	115	47	20.4	2.0	23.3	3.7	2.0	2.7	1.0
MEANS		1949	107	74	124	51	8.0	1.0	25.7	3.2	3.0	2.6	1.0
MAXIMUM		2553	140	76	140	62	20.4	5.0	32.3	4.3	11.3	3.3	1.0
MINIMUM		1302	71	72	103	33	0.0	0.0	20.7	2.3	0.0	2.3	1.0
CHECKS (TESTIGOS):													
16 SETE LAGOAS	7728	1623	-	70	132	53	10.9	0.0	21.7	3.7	4.2	2.7	1.0
17 KHUMALTAR		1298	-	73	117	45	5.5	0.0	25.3	3.0	5.4	2.7	1.0
CHECK MEANS		1560	-	71	124	49	8.2	0.0	23.5	3.3	4.8	2.7	1.0
5% LSD		683.0		3.7	21.3	13.1			7.8				
C.V.		21.6		3.0	10.3	15.4			18.4				

TABLE: 74-EV-84

EVT18A YEAR 1984 YEMEN A.R. IBB

CO-OPERATOR:ALI E. KAMBAL

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT
2 Across	8121	5038	95	86	177	80	44.3	3.0	2.9	2.7	1.0
11 Poza Rica	8136	4951	93	92	173	90	42.0	2.7	10.9	2.0	1.1
4 Los Banos	8027	4703	88	92	173	92	44.0	2.0	8.3	2.3	1.2
6 Guarere (1)	8128	4655	88	90	198	95	43.3	2.7	2.2	2.3	1.0
5 La Molina	8128	4637	87	92	203	100	44.0	3.0	9.8	2.3	1.0
15 Across	7729 RE	4595	86	88	178	93	44.0	3.0	5.1	2.3	1.0
7 Farke (1)	8128	4518	85	85	185	90	43.7	2.7	2.9	2.0	1.1
9 Poza Rica	8129	4470	84	83	158	78	44.0	3.3	6.7	2.3	1.0
10 Londrina	8136	4431	83	84	168	87	43.7	2.3	14.3	2.7	1.0
3 Across	8024	4294	81	91	173	95	43.7	2.7	5.9	2.0	1.0
1 Poza Rica	8121	4273	80	89	175	85	44.0	3.0	6.7	2.7	1.0
8 Muneng	8128	4249	80	89	182	97	42.7	2.3	8.6	2.3	1.1
14 Across	7728 RE	4228	80	91	183	93	43.0	2.7	2.2	2.7	1.1
12 Ilonga	8043	3609	68	90	195	102	43.0	3.0	3.1	2.7	1.0
13 Santa Rosa	8073	3335	63	91	175	85	43.7	3.0	3.0	3.3	1.0
	MEANS	4399	83	88	180	91	43.5	2.8	6.2	2.4	1.1
	MAXIMUM	5038	95	92	203	102	44.3	3.3	14.3	3.3	1.2
	MINIMUM	3335	63	82	158	78	42.0	2.0	2.2	2.0	1.0
CHECKS (TESTIGOS):											
17 TAIZ-2 (MISRI)		5315	-	78	217	112	43.0	1.0	11.5	2.7	1.0
16 SETE LAGOAS	7728	4010	-	89	193	98	42.0	1.7	10.4	2.3	1.0
CHECK MEANS		4663	-	83	205	105	42.5	1.3	11.0	2.5	1.0
	5% LSD	938.3		2.9	20.2	17.9	1.8				
	C.V.	12.7		2.0	6.6	11.6	2.5				

TABLE: 75-EV-84

EVT18A YEAR 1984 LIBERIA CARI

CO-OPERATOR:MR. DANIEL B. KUYEMBEH, C.A.R.I.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	SASAKII	STEM LODG	ROOT LODG	%EAR ROT	HELM	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
5 La Molina	8128	3293	110	69	163	59	6.7	10.5	10.4	6.6	2.8	33.8	1.8	6.1	2.3	22.1
8 Muneng	8128	3243	109	68	151	58	8.7	10.0	10.6	10.1	2.5	33.0	2.0	5.5	1.3	23.8
15 Across	7729 RE	3150	106	69	177	66	6.6	11.9	10.5	9.3	1.8	33.0	1.8	7.6	2.3	22.2
7 Ferke (1)	8128	3021	101	70	165	65	7.8	15.2	11.5	7.8	2.3	33.3	1.5	5.2	2.3	22.1
6 Guarera (1)	8128	2959	99	68	163	66	5.6	27.6	17.8	8.7	1.8	33.8	1.8	4.7	3.5	22.5
9 Poza Rica	8129	2857	96	70	122	42	7.0	4.8	8.2	12.6	2.0	30.8	2.5	5.9	2.0	22.4
13 Santa Rosa	8073	2753	92	69	171	62	9.2	13.0	8.5	11.7	1.8	30.3	2.8	6.1	2.5	23.0
4 Los Banos	8027	2648	89	67	145	57	8.1	18.2	12.2	6.0	1.3	34.3	2.0	2.9	1.5	21.9
11 Poza Rica	8136	2395	80	70	146	53	7.3	9.5	7.5	6.8	2.3	27.5	2.0	9.9	2.5	23.0
12 Ilonga	8043	2279	76	69	166	58	7.1	13.0	34.5	7.0	1.5	28.5	2.3	5.4	3.0	23.2
3 Across	8024	2278	76	70	139	57	9.1	12.0	12.4	8.6	2.0	31.3	2.5	8.4	2.5	23.2
10 Londrina	8136	2252	76	67	140	57	7.5	23.7	13.4	11.9	1.8	29.5	3.0	8.9	2.0	23.2
1 Poza Rica	8121	2104	71	71	143	55	7.6	18.8	25.3	9.9	1.5	29.8	2.8	6.6	2.0	23.7
14 Across	7728 RE	2031	68	70	142	55	10.3	17.3	16.9	12.0	2.5	26.3	2.3	7.9	2.5	22.5
2 Across	8121	1675	56	71	139	49	7.2	34.5	43.0	15.9	2.0	23.8	3.3	9.9	2.8	23.8
MEANS		2596	87	69	151	57	7.7	16.3	16.2	9.7	2.0	30.6	2.3	6.7	2.3	22.8
MAXIMUM		3293	110	71	177	66	10.3	34.5	43.0	15.9	2.8	34.3	3.3	9.9	3.5	23.8
MINIMUM		1675	56	67	122	42	5.6	4.8	7.5	6.0	1.3	23.8	1.5	2.9	1.3	21.9
CHECKS (TESTIGOS):																
17 CARI III		2981	-	68	177	69	4.4	19.5	10.7	7.9	1.8	28.5	2.3	7.1	2.0	23.7
16 CARI II		2490	-	77	224	119	3.4	32.0	12.8	0.0	2.0	24.8	1.3	4.1	3.5	23.5
CHECK MEANS		2736	-	72	200	94	3.9	25.8	11.7	4.0	1.9	26.6	1.8	5.6	2.8	23.6
5% LSD		964.3		3.9	25.0	13.5						7.0				
C.V.		25.0		3.9	11.2	15.4						16.5				

TABLE: 76-EV-84

EVT18A YEAR 1984 MALAWI CHITEDZE

CO-OPERATOR:ELIZABETH SIBALE, DEPT. OF AGRIC. RES.

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	8121	8061	116	73	217	109	3.5	17.1	7.6	43.5	2.3	21.1	3.3	1.0	21.4
12 Ilonga	8043	7604	109	75	237	120	7.4	4.0	8.2	43.8	3.0	16.9	3.3	1.0	20.7
8 Muneng	8128	7165	102	72	199	97	3.5	1.7	7.9	43.5	3.5	21.8	3.0	1.1	21.0
1 Poza Rica	8121	7002	101	74	205	99	7.0	3.5	10.9	43.3	3.0	15.5	2.3	1.0	21.0
15 Across	7729 RE	6800	95	74	200	95	4.0	1.7	3.9	43.3	3.5	17.2	3.[illegible]	1.1	21.2
10 Londrina	8136	6748	97	69	200	95	3.5	13.1	15.2	43.0	3.3	17.7	3.6	1.0	20.9
4 Los Banos	8027	6641	96	70	200	96	4.3	5.4	6.9	42.0	2.5	18.6	3.5	1.1	20.3
6 Guarere (1)	8128	6534	94	73	213	101	15.8	11.5	7.1	41.0	3.3	12.8	3.3	1.1	21.2
11 Poza Rica	8136	6359	92	69	193	89	7.4	10.2	12.5	44.0	3.8	18.9	3.8	1.0	18.7
13 Santa Rosa	8073	6244	90	75	219	106	15.3	11.9	3.9	42.3	3.8	14.3	3.8	1.1	20.9
7 Ferke (1)	8128	6228	90	71	209	97	2.4	8.4	10.5	42.3	2.8	11.4	3.3	1.0	20.3
3 Across	8024	6216	89	73	210	102	5.8	4.6	8.1	43.8	4.0	16.8	3.5	1.0	20.5
5 La Molina	8128	5762	83	72	207	94	12.2	9.4	12.1	42.8	4.0	20.2	4.0	1.1	20.1
14 Across	7728 RE	5029	72	76	211	103	12.9	9.6	8.0	37.8	4.0	20.2	3.8	0.9	20.0
9 Poza Rica	8129	4934	71	72	182	83	3.8	4.7	10.6	40.0	4.0	13.1	4.3	0.8	21.0
MEANS		6490	93	72	207	99	7.5	7.8	8.9	42.4	3.4	17.1	3.4	1.0	20.6
MAXIMUM		8061	116	76	237	120	15.8	17.1	15.2	44.0	4.0	21.8	4.3	1.1	21.4
MINIMUM		4934	71	69	182	83	3.4	1.7	3.9	37.8	2.3	11.4	2.3	0.8	18.7
CHECKS (TESTIGOS):															
17 UCA		6947	-	74	265	147	39.1	13.5	10.1	42.5	2.8	14.8	4.5	1.0	22.2
16 CCC		6153	-	73	214	107	16.9	4.0	8.0	43.3	3.5	25.2	3.8	1.0	20.9
CHECK MEANS		6552	-	73	239	126	29.0	8.8	9.1	42.9	3.1	20.0	4.1	1.0	21.5
5% LSD		1026.2		2.3	14.9	11.4				4.2					1.7
C.V.		13.2		2.2	5.6	8.0				6.9					5.6

TABLE: 77-EV-84

EVT18A YEAR 1984 MALAWI BVUNMBWE

CO-OPERATOR:ELIZABETH SIBALE DEPT. OF AGRIC. RES

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	RUST	HELM	PLANTS HARV	EARS/ PLNT	MOIST %
4 Los Banos	8027	5592	105	70	226	112	5.1	13.9	2.0	1.0	43.8	1.3	20.4
6 Guarere (1)	8126	5505	102	68	208	90	6.5	14.1	2.0	1.8	43.0	1.2	20.3
1 Poza Rica	8121	5377	100	78	192	99	6.0	9.9	1.8	2.0	41.0	1.1	20.5
2 Across	8121	5277	98	75	219	99	8.0	17.0	1.8	3.0	43.8	1.1	20.4
10 Londrina	8136	5141	95	63	201	96	7.4	12.3	1.8	1.8	41.5	1.1	20.2
7 Ferke (1)	8126	5130	95	68	220	106	8.2	11.7	1.8	2.0	43.0	1.0	19.7
9 Poza Rica	8129	5041	93	72	207	88	2.9	16.1	1.3	1.8	41.8	1.1	19.9
3 Across	8024	4953	92	72	223	114	7.8	9.7	2.5	3.0	42.0	1.2	20.2
11 Poza Rica	8136	4948	92	67	192	91	4.0	16.2	1.3	2.8	43.5	1.1	19.1
12 Ilonga	8043	4396	91	76	246	116	5.5	18.8	1.8	2.3	41.3	1.2	21.1
15 Across	7729 RE	4878	90	72	209	113	4.3	13.3	1.8	2.3	42.0	1.1	21.2
14 Across	7725 RE	4859	90	76	228	111	3.0	17.6	1.5	1.8	41.5	1.2	19.5
5 La Molina	8128	4814	89	71	221	108	7.1	13.0	2.0	2.5	42.3	1.0	20.0
8 Muneng	8128	4677	87	70	220	96	6.3	19.3	2.3	2.5	43.3	1.1	20.0
13 Santa Rosa	8073	4260	79	75	215	102	9.0	18.2	1.5	2.8	41.3	1.2	19.6
MEANS		5030	93	72	215	103	6.1	14.7	1.8	2.2	42.3	1.1	20.1
MAXIMUM		5592	105	78	246	116	9.0	19.3	2.5	3.0	43.8	1.3	21.2
MINIMUM		4260	79	67	192	88	2.9	9.7	1.3	1.0	41.0	1.0	19.1
CHECKS (TESTIGOS):													
17 UCA		5395	-	70	251	127	15.9	19.5	1.5	1.0	42.8	1.1	20.7
16 CCC		4564	-	67	224	108	9.8	18.4	1.5	3.8	40.5	1.2	20.4
CHECK MEANS		4980	-	68	237	122	12.8	18.9	1.5	2.4	41.6	1.1	20.5
5% LSD		682.1									2.5		1.8
C.V.		9.6									4.2		5.4

TABLE: 78-EV-84

EVT18A YEAR 1984 MALAWI MBAWA

CO-OPERATOR: ELIZABETH SIBALE

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	LEAF DIS.	HUSK COVER	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
8 Muneng	8128	4443	117	69	285	175	21.5	4.1	1.3	1.8	44.3	2.0	2.0	1.0	16.2
4 Los Banos	8027	3911	103	68	276	172	12.0	6.3	1.5	1.3	43.5	2.0	2.5	1.0	16.3
1 Poza Rica	8121	3900	103	71	290	145	9.8	2.3	1.3	2.0	42.8	1.5	2.0	1.0	16.2
11 Poza Rica	8136	3507	93	69	258	149	15.6	10.7	1.3	2.0	42.8	2.5	2.3	1.0	16.8
9 Poza Rica	8129	3438	91	70	236	165	14.3	3.5	1.3	2.3	43.8	2.0	2.3	1.0	17.2
15 Across	7729 RE	3423	90	71	273	159	8.0	5.5	1.5	2.3	44.0	2.0	2.0	0.9	16.4
5 La Molina	8128	3411	90	71	305	175	12.5	5.1	1.5	2.0	44.0	1.8	1.8	1.0	16.3
6 Guarere (1)	8128	3335	88	71	256	170	9.7	4.6	1.3	2.0	44.0	1.3	1.3	1.0	16.8
3 Across	8024	3282	87	72	261	141	12.8	3.6	1.3	2.5	43.3	1.8	2.3	1.0	16.4
14 Across	7728 RE	3254	86	69	246	168	12.5	7.9	1.3	1.8	44.0	2.0	1.8	1.0	15.7
12 Ilonga	8043	3225	85	72	273	162	8.2	6.9	1.5	1.5	42.8	2.3	2.0	1.0	16.0
7 Ferke (1)	8128	3224	85	72	262	161	9.2	4.1	1.0	1.5	43.8	1.8	1.5	1.0	17.3
10 Londrina	8136	3035	80	70	253	165	9.7	6.4	1.3	1.5	43.5	2.0	2.0	1.0	16.3
2 Across	8121	2803	74	73	277	144	7.9	4.2	1.0	1.0	44.0	2.5	2.3	0.9	15.4
13 Santa Rosa	8073	2789	74	72	253	166	16.8	5.0	1.5	1.5	43.0	1.8	1.8	0.9	17.6
MEANS		3399	90	71	267	161	12.0	5.3	1.3	1.8	43.6	1.9	2.0	1.0	16.5
MAXIMUM		4443	117	73	305	175	21.5	10.7	1.5	2.5	44.3	2.5	2.5	1.0	17.6
MINIMUM		2789	74	68	236	141	7.9	2.3	1.0	1.0	42.8	1.3	1.3	0.9	15.4
CHECKS (TESTIGOS):															
17 UCA		3736	-	70	312	144	19.7	6.7	1.0	2.0	43.0	1.5	1.3	1.0	14.9
16 CCC		3465	-	70	273	176	9.8	4.3	1.8	1.5	43.8	1.8	1.8	0.9	16.6
CHECK MEANS		3625	-	70	292	159	14.7	5.5	1.4	1.8	43.4	1.6	1.5	1.0	15.7
5% LSD		1417.9		1.9	51.6	31.1					1.7				1.6
C.V.		29.1		1.9	13.5	13.6					2.7				7.1

TABLE: 79-EV-84

EVT18A YEAR 1984 REP. S.AFRICA POTCHEFSTROOM

CO-OPERATOR:DR. A.P. FOURIE, GRAIN CROPS RESEARCH INSTITUTE

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	ROOT LODG	%EAR ROT	PLANTS HARV	EARS/ PLNT	MOIST %
8 Muneng	8128	4443	76	43.6	5.3	35.8	1.2	10.0
10 Londrina	8136	4212	72	31.4	7.2	35.0	1.0	10.6
6 Guarere (1)	8128	4013	69	32.6	9.7	36.8	1.1	10.6
11 Poza Rica	8136	3988	68	30.0	10.1	34.5	1.1	10.6
13 Santa Rosa	8073	3897	67	22.3	15.7	36.8	0.9	10.4
9 Poza Rica	8129	3888	66	25.6	4.0	35.8	1.0	9.8
7 Ferke (1)	8128	3693	63	32.0	5.9	36.3	1.1	10.8
14 Across	7728 RE	3593	61	30.5	4.2	38.5	1.0	10.2
5 La Molina	8128	3493	60	26.0	7.0	37.5	1.0	10.2
4 Los Banos	8027	3373	58	28.1	8.6	36.0	1.1	10.4
15 Across	7729 RE	3275	56	28.8	9.7	34.8	1.0	10.0
12 Ilonga	8043	2830	48	22.8	15.9	36.8	0.8	10.2
3 Across	8024	2824	48	37.0	5.3	37.3	0.9	10.0
1 Poza Rica	8121	2630	45	28.3	6.9	36.5	0.8	9.8
2 Across	8121	2368	40	27.9	7.1	37.3	0.8	10.6
MEANS		3501	60	29.8	8.2	36.4	1.0	10.3
MAXIMUM		4443	76	43.6	15.9	38.5	1.2	10.8
MINIMUM		2368	40	22.3	4.0	34.5	0.8	9.8
CHECKS (TESTIGOS):								
17 TX-24		5857	-	32.2	8.9	35.3	1.0	10.8
16 TX-9		4835	-	23.9	9.7	37.0	1.0	11.8
CHECK MEANS		5346	-	28.1	9.3	36.1	1.0	11.3
5% LSD		1047.0				3.4		
C.V.		19.8				6.7		

TABLE: 80-EV-84

EVT18A YEAR 1984 ZAIRE GANDAJIKA

CO-OPERATOR:DR. MULAMBA NJANDU, PNP

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	VIRUS %	STEM LODG	ROOT LODG	%EAR ROT	HUSK COVER	PLANTS HARV	EAR ASPCT	LEAF DISEASES	EARS/ PLNT	MOIST %
7 Ferke (1)	8128	6036	121	69	210	109	22.0	2.2	60.3	9.6	2.3	36.5	2.0	0.8	1.2	23.0
4 Los Baros	8027	5661	113	62	197	103	27.5	0.4	62.1	14.1	1.8	38.8	2.5	1.0	1.1	25.3
5 La Molina	8129	5607	112	64	214	116	31.6	4.5	85.4	10.9	1.8	31.8	2.5	0.5	1.3	23.0
15 Across	7726 B8	5455	109	64	136	100	30.1	5.7	91.5	15.9	1.0	29.0	3.0	2.3	1.3	23.6
1 Poza Rica	8121	5305	105	65	197	96	36.2	4.3	70.7	10.2	2.8	31.3	3.0	0.3	1.1	22.8
11 Poza Rica	8130	5021	100	67	194	104	25.1	2.9	87.1	15.2	1.8	30.9	3.0	1.0	1.2	22.4
2 Across	8131	5135	102	67	205	105	54.3	1.7	89.6	13.1	1.3	27.5	2.5	2.3	1.2	25.4
3 Across	8024	5017	99	64	197	97	35.3	1.3	84.4	7.2	2.3	28.3	2.5	2.0	1.1	23.9
6 Guarare (1)	8128	4955	98	62	204	106	23.1	4.4	87.6	15.5	1.3	33.3	3.3	0.5	1.1	24.3
12 Ilonga	8043	4921	97	63	222	114	30.7	3.6	91.3	21.9	1.8	31.0	3.5	1.0	1.0	24.7
14 Across	7729 B8	4872	96	65	210	114	41.9	3.6	81.6	11.9	1.9	32.5	3.3	0.3	1.1	26.5
8 Morenc	8126	4826	94	63	194	104	26.0	2.7	82.2	12.9	1.5	35.5	2.8	0.3	1.1	29.6
9 Poza Rica	8129	4599	87	64	194	91	35.5	3.3	90.4	10.2	2.8	29.3	3.0	1.3	1.2	24.4
10 Londrina	8130	4843	87	62	195	91	25.3	4.5	97.5	16.9	2.5	30.0	3.3	1.0	1.1	22.4
13 Santa Rosa	8072	4573	77	63	219	113	24.1	3.9	95.0	14.4	2.3	25.5	3.5	2.0	1.2	23.5
	MEANS	5053	100	63	201	104	33.4	3.1	84.5	13.3	1.9	31.4	2.9	1.1	1.1	24.7
	MAXIMUM	6036	121	69	220	116	54.3	5.7	97.5	21.9	2.5	38.8	3.5	2.3	1.3	29.6
	MINIMUM	4573	77	62	195	91	20.7	0.6	60.3	7.2	1.0	25.5	2.0	0.3	1.0	22.4
CHECKS (TESTIGOS):																
16 NASAI-1		5152	-	67	204	109	46.2	5.1	76.8	13.4	1.8	26.3	3.0	0.5	1.1	28.0
17 SALONIC-2		4474	-	65	193	99	37.0	3.3	93.1	8.4	1.3	29.3	3.3	1.8	1.1	31.8
CHECK MEANS		4763	-	66	199	103	41.1	4.2	80.0	10.9	1.5	28.8	3.1	1.1	1.1	29.9
	5% LSD	1140.9		3.3	22.0	13.2						7.1				5.9
	C.V.	19.1		2.6	7.7	8.9						16.2				16.5

TABLE: 81-EV-84

EVT18A YEAR 1984 ZIMBABWE BATTBAY-ARNCLO

CO-OPERATOR:R.C. CLVER

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	HUSK COVER	HELM TURC	PLANTS HARV	EARS/ PLNT	MOIST %
12 Ilonga	8043	7239	67	73	285	159	2.3	10.0	1.3	1.5	43.5	1.1	14.1
2 Across	8121	6479	60	71	263	148	4.7	4.5	1.3	1.3	42.8	1.1	14.3
11 Poza Rica	8136	6424	59	67	247	144	4.0	11.3	1.5	1.5	44.0	1.0	13.1
1 Poza Rica	8121	6417	59	71	261	149	1.7	8.9	1.5	2.0	43.5	1.0	14.1
8 Muneng	8128	6320	58	70	255	145	6.5	9.7	2.0	1.8	43.8	1.1	14.8
7 Ferke (1)	8128	6276	58	70	256	149	4.0	8.9	1.5	2.3	43.5	1.1	14.5
10 Londrina	8136	6207	57	68	245	144	4.3	3.0	1.8	1.5	42.3	1.0	13.3
9 Poza Rica	8129	6161	57	70	255	142	3.0	6.3	1.5	1.3	42.5	1.0	14.1
4 Los Banos	8027	6131	57	69	252	147	2.9	5.9	1.3	1.5	43.0	1.1	14.6
14 Across	7723 RE	6125	57	72	263	153	1.1	11.3	1.3	2.5	43.0	1.0	14.0
6 Guarere (1)	8128	6044	56	71	263	141	6.4	9.4	1.5	1.5	43.5	1.1	14.2
13 Santa Rosa	8073	5989	55	71	237	149	9.3	5.5	1.8	2.3	42.8	1.1	15.2
3 Across	8024	5979	55	70	257	145	5.2	8.2	1.5	1.8	43.3	1.0	13.2
5 La Molina	8126	5591	54	70	254	141	6.8	8.3	1.5	1.5	44.0	1.0	13.9
15 Across	7729 RE	5525	54	72	249	140	2.8	9.2	1.8	1.3	43.3	1.1	13.7
MEANS		6235	58	70	259	144	4.4	8.3	1.5	1.7	43.2	1.1	14.1
MAXIMUM		7259	67	73	275	159	9.3	11.3	2.0	2.5	44.0	1.1	15.2
MINIMUM		5325	54	67	245	140	1.1	4.5	1.3	1.3	42.3	1.0	13.1
CHECKS (TESTIGOS):													
17 SR 52		10916	-	72	297	169	0.0	0.6	1.0	1.3	43.5	1.0	14.6
16 ZS 225		10353	-	66	291	148	0.0	1.7	1.3	1.0	44.0	1.1	10.9
CHECK MEANS		10585	-	69	294	159	0.0	1.1	1.1	1.1	43.8	1.0	12.8
5% LSD		933.9		1.6	13.7	15.6					1.5		1.4
C.V.		8.7		1.6	5.0	7.4					2.4		6.9

TABLE: 82-EV-84

EVT18A YEAR 1984 VIETNAM HO-CHI-MINH CITY

CO-OPERATOR:VO DINH LONG, PHAN THUONG TRINH

ENTRY NO./PEDIGREE		KG/HA	AFEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	CORTICIUM SASAKII	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
6 Guarere (1)	8126	2662	120	44	173	85	40.7	9.3	13.4	4.3	30.8	2.5	1.8	2.8	0.9	38.0
7 Ferke (1)	8120	2475	114	46	178	95	49.6	1.6	8.4	4.3	30.0	2.5	1.6	3.5	0.8	36.9
10 Londrina	8136	2138	100	46	155	73	43.8	4.1	17.9	4.5	24.3	2.8	10.5	3.8	0.8	34.9
14 Across	7728 RC	2109	94	46	175	89	13.9	0.7	11.0	4.3	30.8	2.3	10.3	3.3	0.8	37.9
1 Poza Rica	8121	2102	99	44	169	88	17.4	1.9	8.2	4.5	29.0	2.5	5.7	3.0	0.8	37.2
12 Ilonga	8042	2074	97	44	178	91	44.1	0.0	17.0	3.8	25.8	2.3	3.9	3.0	0.9	37.8
5 La Molina	8129	2025	98	44	181	93	21.2	1.4	11.3	4.0	28.3	2.8	7.0	3.0	0.9	36.0
3 Across	8024	2016	94	46	155	70	27.9	3.2	17.0	4.8	28.5	3.0	5.9	4.5	0.8	36.4
4 Los Banos	8027	1905	84	44	169	81	37.7	0.0	14.6	4.5	25.8	2.8	5.0	3.8	0.8	32.4
11 Poza Rica	8136	1661	76	44	168	80	10.6	0.0	12.0	4.5	20.5	2.8	8.9	3.5	1.0	34.0
8 Muneng	8128	1566	73	44	176	88	18.6	0.0	10.3	4.3	24.3	3.0	4.1	3.5	0.9	37.7
15 Across	7729 RC	1554	73	46	169	90	19.0	0.0	12.3	4.0	22.8	2.5	8.0	3.3	0.8	37.5
2 Across	8101	1419	66	44	176	93	35.1	0.7	14.4	4.8	27.5	2.8	7.6	3.3	0.8	37.8
13 Santa Rosa	8073	1319	62	46	175	85	23.4	4.7	20.9	4.8	21.0	3.3	11.1	4.3	0.7	36.5
9 Poza Rica	8135	1290	60	46	165	72	19.0	1.0	12.9	4.8	29.8	3.3	3.1	4.5	0.8	36.5
MEAN		1970	97	45	171	84	25.9	1.8	13.4	4.4	26.6	2.7	6.3	3.5	0.8	36.6
MAXIMUM		2662	120	46	181	93	49.6	3.9	20.9	4.8	30.8	3.3	11.1	4.5	1.0	38.0
MINIMUM		1290	60	44	155	70	10.6	0.0	8.2	3.8	20.5	2.3	1.6	2.8	0.7	33.4
CHECKS (TESTERS):																
17 A1		2137	-	44	186	104	22.2	1.4	6.2	3.8	30.3	2.5	3.3	3.3	0.9	34.8
16 EARLY THAI COMP.		1964	-	44	183	99	21.1	8.5	6.0	3.3	25.5	3.3	6.0	3.0	0.9	30.4
CHECK MEANS		2042	-	44	187	100	21.7	5.0	6.1	3.5	27.9	2.9	4.7	3.1	0.9	32.6
5% LSD		756.6			15.7	15.9					8.8					2.6
C.V.		37.2			6.8	13.0					23.0					5.0

TABLE: 83-EV484

YEAR:1984

TRIAL: ELVT19A
MEANS ACROSS 50 LOCATIONS

ENTRY NO. AND NAME		PARENT POPULATION	REGION I KG./HA	II KG./HA	III KG./HA	IV KG./HA	V KG./HA	VI KG./HA	OVER ALL <-----MEAN-----> DAYS FLOWER	PLANT HT.	KG./HA
12 Ilonga	8043	La Posta	6077	5514	2693	4228	5123	5061	63	224	5141
7 Ferke (1)	8128	Amarillo Dentado	6164	5279	3183	4250	5108	5059	62	215	5087
4 Los Banos	8027	Amarillo Cristalino-1	5860	5116	3555	4636	5235	4769	62	208	5062
6 Guarare (1)	8128	Amarillo Dentado	5846	5300	3004	4277	5070	5277	62	215	5061
9 Poza Rica	8129	Tuxpeno Caribe	5922	5280	3471	4444	4643	4789	62	202	5017
8 Muneng	8128	Amarillo Dentado	5594	5160	3204	4357	5313	4793	62	210	4974
1 Poza Rica	8121	Tuxpeno 1	5623	5351	3003	4125	5105	4853	63	210	4971
15 Across	7729RE	Tuxpeno Caribe	5820	5227	3574	4190	4943	4823	63	210	4967
5 La Molina	8128	Amarillo Dentado	5635	5275	3113	4226	4841	4870	62	218	4941
14 Across	7728RE	Amarillo Dentado	5621	5366	2951	4117	4622	4928	63	218	4922
11 Poza Rica	8136	Cogollero	5649	5191	3425	4008	5974	4690	61	205	4884
2 Across	8121	Tuxpeno 1	5691	5221	3616	3872	5019	4381	63	213	4839
13 Santa Rosa	8073	Tropical Late White Dent	5764	5204	2879	4053	4509	4394	63	219	4802
10 Londrina	8136	Cogollero	5641	4982	3144	3967	4956	4657	61	205	4771
3 Across	8024	Ant. x Veracruz 181	5517	4658	2798	4208	4712	4687	63	207	4650
Mean			5762	5208	3174	4197	5012	4802	62	212	4939
No of Locations			8	18	2	11	6	5	46	47	50

Region I= South America
II= North, Central America and the Caribbean
III= Mideast
IV= West Africa
V= East and South Africa
VI= Asia

TABLE: 84-EV-84

EVT188 YEAR 1984 BOLIVIA INCOPERNOI

CO-OPERATOR:ALBERTO PINOJOSA PADILLA

ENTRY NO./PEDIGREE		KG/HA	BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
10 Across	8149	4347	134	64	177	99	2.9	2.5	38.5	1.5	2.8	1.1	15.7
9 Rattray-Arnd(1)	8149	4518	127	64	173	92	0.0	1.4	34.5	1.8	2.5	1.1	14.0
8 Across	8035	4407	121	61	174	88	4.5	7.5	33.5	1.8	2.0	1.2	14.0
6 Suwan (1)	9131	4273	116	65	185	96	0.0	2.8	31.8	1.9	2.9	1.2	13.4
7 Ilonga	8032	4117	112	69	210	105	1.8	4.2	35.2	1.8	2.0	1.1	14.9
2 CIAT	8130	4082	111	64	184	[illegible]	2.8	5.1	30.5	2.0	2.8	1.2	15.5
1 Poza Rica	8126	3937	106	63	172	87	2.4	5.3	32.4	1.3	2.3	1.1	14.9
4 La Molina	8131	3906	106	64	182	90	0.8	3.1	35.0	1.5	2.5	1.0	12.9
3 Comayagua	8130	3843	104	64	172	88	0.5	3.9	37.0	1.8	2.9	1.1	13.9
5 Islamabad (1)	9171	3752	103	67	184	91	2.8	4.1	32.8	2.0	3.3	1.1	14.4
11 Across	772658	3664	101	63	192	97	2.3	7.6	33.0	2.0	2.8	1.1	17.4
12 Pirsabak (1)	793058	3483	96	63	174	88	0.9	4.9	34.3	2.0	3.5	1.0	14.0
MEANS		4072	112	64	180	90	2.1	5.2	34.1	1.8	2.6	1.1	14.3
MAXIMUM		4347	134	69	212	105	5.4	9.1	38.5	2.0	3.5	1.2	17.4
MINIMUM		3483	96	63	170	80	0.0	1.4	30.5	1.5	2.0	1.0	12.9
CHECKS (TESTIGOS):													
13 AMARILLO BAJIO		3529	-	64	170	93	2.5	4.1	29.3	1.8	3.3	1.0	14.9
14 AMARILLO LOCAL		2441	-	69	250	155	3.3	4.2	35.5	1.5	1.3	0.7	14.0
CHECK MEANS		3035	-	61	216	119	2.9	5.2	31.9	1.6	2.3	0.8	14.5
5% LSD		750.6		1.0	23.9	19.4			6.5				2.0
C.V.		17.1		1.1	7.8	14.4			13.5				5.6

TABLE: 85-EV-84

EVT183 YEAR 1984 PARAGUAY CAACUPE

CO-OPERATOR:INSTITUTO AGRONOMICO NACIONAL, M. ESTIGARRIBIA

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC POLY	PUCC SORG	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
9 Rattray-Arnd(1)	8149	4082	138	76	126	44	1.1	1.1	1.7	1.0	2.3	44.0	3.0	11.2	3.3	19.6
2 CIAT	8130	3741	126	74	145	56	6.0	1.8	3.1	1.5	2.0	41.8	3.3	13.8	2.8	17.4
10 Across	8149	3717	125	76	109	41	1.3	0.8	3.9	1.3	2.5	39.6	3.3	13.4	3.3	19.3
4 La Molina	8131	3589	121	71	124	43	2.4	0.6	2.4	1.5	2.3	41.0	3.3	12.2	3.3	15.9
8 Across	8035	3526	119	76	131	45	5.6	4.2	1.2	1.3	2.0	41.0	3.0	16.5	2.8	18.9
7 Ilonga	8032	3498	118	79	136	58	1.2	2.3	2.5	1.0	1.8	42.8	3.5	5.0	3.0	21.2
3 Comayagua	8130	3356	113	73	141	51	4.6	4.6	3.2	1.3	1.8	43.0	3.3	5.6	3.0	18.2
1 Poza Rica	8126	3339	112	77	146	55	4.7	2.3	1.8	1.3	1.8	41.3	3.0	6.3	2.8	19.3
6 Suwan (1)	8131	3269	110	71	120	39	3.0	1.2	2.5	1.3	1.8	42.0	4.0	14.4	3.5	16.4
5 Islamabad (1)	8131	3184	107	71	115	39	3.7	3.1	2.0	1.3	1.8	41.0	4.0	10.4	3.5	16.6
12 Pirsabak (1)	7930RE	3103	105	72	124	49	1.2	3.0	6.0	1.0	2.3	42.0	4.0	7.8	3.3	17.0
11 Across	7726RE	2966	100	73	135	53	6.2	1.3	3.3	1.3	2.8	40.5	4.0	15.0	3.0	20.2
MEANS		3448	116	74	129	43	3.4	2.2	2.8	1.3	2.1	41.8	3.5	11.0	3.1	18.3
MAXIMUM		4082	138	79	146	58	6.2	4.6	6.0	1.8	2.8	44.0	4.0	16.5	3.5	21.2
MINIMUM		2966	100	71	109	39	1.1	0.6	1.2	1.0	1.8	39.8	3.0	5.0	2.8	15.9
CHECKS (TESTIGOS):																
14 GERMINAL P-491		2967	-	36	196	109	3.6	0.8	0.9	1.3	3.0	23.3	2.8	3.5	3.3	23.1
13 GUARANI V-311		2434	-	93	218	126	10.9	5.2	2.1	1.0	2.8	40.0	5.0	0.6	3.5	22.9
CHECK MEANS		2701	-	89	206	117	7.2	3.0	1.5	1.1	2.9	34.1	3.9	2.1	3.4	23.0
5% LSD		631.3		1.6	14.4	13.9						4.6				
C.V.		17.4		1.5	7.2	16.8						8.0				

TABLE: 86-EV-84

EVT18B YEAR 1984 PARAGUAY CAPITAN MIRANDA

CO-OPERATOR:VERONICA MACHADO, C.R.I.A.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	CURV	SPODO	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
10 Across	8149	7479	116	82	170	84	2.[illegible]	0.0	1.1	2.3	2.3	43.8	2.5	6.6	2.3	17.3
7 Ilonga	8032	7457	[illegible]	85	194	104	1.1	1.1	1.5	2.0	2.3	43.5	2.8	12.6	2.3	18.7
9 Rattray-Arnd(1)	8149	7244	[illegible]	82	161	80	[illegible]	1.1	1.7	2.3	4.3	43.5	3.0	11.7	2.0	17.8
8 Across	8035	6895	107	91	185	93	9.[illegible]	1.2	2.2	2.5	3.0	42.5	3.0	15.9	3.0	16.8
11 Across	7726RE	6595	102	83	200	103	9.4	0.0	1.2	2.3	3.3	43.0	2.3	23.1	3.0	17.3
5 Islamabad (1)	8131	6557	102	78	166	80	9.9	0.6	2.3	2.3	2.8	43.0	3.3	18.4	3.5	15.9
1 Poza Rica	8126	6523	101	83	186	96	11.4	2.3	2.8	2.0	2.3	42.8	2.8	13.3	3.0	16.5
2 CIAT	8130	6492	101	79	178	95	20.5	2.3	1.8	2.0	2.8	42.8	2.8	19.2	3.8	16.9
6 Suwan (1)	8131	6321	98	77	173	84	12.5	3.5	4.5	2.3	2.5	43.8	3.0	18.3	3.8	16.4
12 Tinsabak (1)	7933RE	6222	97	78	169	81	13.5	1.7	2.8	2.3	3.5	42.8	3.0	12.2	4.0	16.1
4 La Molina	8131	5962	93	76	160	74	12.5	2.9	1.8	1.5	3.3	41.3	3.3	17.8	3.8	16.6
3 Comayagua	8130	5682	88	78	184	91	11.1	1.5	1.8	2.0	2.5	42.5	3.5	10.6	3.8	17.0
	MEANS	6518	103	80	177	89	9.8	1.5	2.1	2.1	2.9	43.0	3.0	15.1	3.2	16.9
	MAXIMUM	7479	116	85	200	104	20.5	3.5	4.5	2.5	4.3	43.8	3.5	23.1	4.0	18.7
	MINIMUM	5682	88	76	160	74	1.1	0.0	1.1	1.5	2.3	41.8	2.5	6.6	2.0	15.9
CHECKS (TESTIGOS):																
13 GUARANI V-311		6434	-	102	259	165	21.0	3.9	0.5	1.5	2.5	38.3	3.3	6.3	4.5	20.4
14 GERMINAL P-491		5740	-	96	224	129	0.9	5.2	1.4	1.3	2.5	28.8	2.8	13.4	3.3	18.7
CHECK MEANS		6087	-	98	241	146	11.0	4.5	1.0	1.4	2.5	33.5	3.0	9.9	3.9	19.6
	5% LSD	539.7		2.1	11.8	11.7						3.1				
	C.V.	5.8		1.7	4.4	8.5						5.2				

TABLE: 87-EV-84

EVT18B YEAR 1984 PERU PIURA

CO-OPERATOR:M. NEVADO B.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	%EAR ROT	PLANTS HARV	EAR ASPCT	PLANT ASPECT	EARS/ PLNT	MOIST %
11 Across	7726RE	7495	109	5.5	40.0	2.8	2.5	1.1	16.4
8 Across	8035	5857	85	16.1	32.8	1.8	2.3	1.2	15.2
2 CIAT	8130	5794	84	17.5	34.5	2.5	2.3	1.1	14.7
1 Poza Rica	8126	5745	84	5.6	29.5	2.9	2.5	1.3	15.4
7 Ilonga	8032	5543	82	9.4	33.0	2.3	2.3	1.1	16.7
9 Rattray-Arnd(1)	8149	5331	78	9.6	33.8	2.8	2.8	1.0	15.2
4 La Molina	8131	4936	72	20.1	34.3	1.9	2.0	1.0	13.9
6 Suwan (1)	8131	4824	70	22.5	35.5	1.8	2.0	1.0	14.1
3 Comayagua	8130	4792	70	12.2	32.8	2.8	2.3	1.1	14.6
10 Across	8149	4552	66	14.4	37.0	2.3	2.3	1.0	14.9
5 Islamabad (1)	8131	4551	66	16.0	31.0	1.5	2.0	1.0	14.7
12 Pirsabak (1)	7930RE	4396	64	19.9	32.5	2.0	2.0	0.8	14.4
	MEANS	5331	78	14.1	33.9	2.2	2.3	1.1	15.0
	MAXIMUM	7495	109	22.5	40.0	2.8	2.8	1.3	16.7
	MINIMUM	4396	64	5.5	29.5	1.5	2.0	0.8	13.9
CHECKS (TESTIGOS):									
14 PM-102		6868	-	7.1	34.5	2.3	2.8	1.3	16.8
13 PM-701		5407	-	19.8	34.0	3.0	3.0	0.9	16.8
CHECK MEANS		6137	-	13.4	34.3	2.6	2.9	1.1	16.8
	5% LSD	1665.2			8.4				1.1
	C.V.	21.4			17.3				5.0

TABLE: 88-EV-84

EVT153 YEAR 1984 MEXICO CD. OBREGON

CO-OPERATOR: ANGEL SOLIS, OSCAR COTA, CIANO

ENTRY NO./PEDIGREE		KG/HA	%FEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%BAD ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT	MOIST %
1 Poza Rica	8126	7029	102	78	188	95	1.7	3.5	2.0	43.5	4.1	16.4	1.2	17.6
9 Rattray-Arnd(1)	8149	6960	100	75	180	90	0.5	2.2	1.0	43.0	4.0	12.8	1.1	15.8
10 Across	8149	6339	99	72	165	85	0.0	1.1	1.9	41.5	4.0	14.1	1.2	16.1
11 Across	7726FR	6223	99	81	204	103	1.2	13.2	1.5	41.3	4.0	24.8	1.2	17.0
2 CIAT	8130	6717	96	73	201	104	2.5	14.1	0.0	41.8	4.1	19.8	1.1	15.3
6 Suwan (1)	8131	6599	94	62	193	90	1.2	4.4	1.7	41.3	4.0	25.3	1.1	15.9
7 Ilonga	8032	6550	95	64	191	93	1.4	11.0	2.4	39.0	4.1	14.8	1.2	21.1
4 La Molina	8131	6409	93	70	193	90	0.0	10.3	2.4	39.8	4.0	16.6	1.1	14.9
3 Comayagua	8130	6292	89	70	186	104	1.1	9.3	0.0	39.5	4.0	9.2	1.2	14.9
8 Across	8025	6074	88	80	193	94	1.3	14.4	2.9	42.3	3.6	14.0	1.1	1[illegible].5
12 Pirsabak (1)	7930RF	5905	86	64	180	84	1.9	1.7	2.7	42.8	4.1	14.4	1.0	15.1
5 Islamabad (1)	8131	5721	84	67	189	89	1.3	7.3	0.7	38.0	4.0	31.2	1.0	14.8
	MEANS	6473	94	74	191	95	1.2	7.7	1.6	41.1	4.0	17.8	1.1	16.2
	MAXIMUM	7029	102	84	204	104	2.5	14.4	2.9	43.5	4.1	31.2	1.2	21.1
	MINIMUM	5721	84	67	169	85	0.0	1.1	0.0	38.0	3.6	9.2	1.0	14.8
CHECKS (TESTIGOS):														
13 V-425		6334	-	77	183	108	0.0	2.4	3.6	41.0	4.4	19.5	1.0	19.2
14 V-424		6464	-	75	173	88	0.0	2.6	0.5	39.5	3.9	14.0	1.1	17.9
CHECK MEANS		6575	-	76	172	97	0.0	2.5	2.0	40.3	4.1	16.7	1.1	18.5
	5% LSD	543.7		3.0	13.0	15.0				5.4				1.6
	C.V.	9.1		2.9	7.0	11.1				9.1				6.9

TABLE: 89-EV-84

EVT188 YEAR 1984 ST. KITTS MANSION

CO-OPERATOR:S. CROSSMAN, NATIONAL AGRICULTURAL CORPORATION

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	ROOT LODG	HELM MAYD	PLANTS HARV	%BAD H.C.	EARS/ PLNT
7 Ilonga	8032	10724	215	71	154	65	0.0	2.8	43.3	0.6	1.0
2 CIAT	8130	10695	214	64	154	64	0.6	1.5	42.5	2.2	1.0
1 Poza Rica	8126	10068	202	67	142	57	0.6	1.8	42.8	0.0	1.1
10 Across	8149	10039	201	69	122	49	0.0	2.3	42.5	0.0	1.0
9 Rattray-Arnd(1)	8149	9868	198	67	118	47	0.0	2.3	42.5	1.8	1.0
11 Across	7726RE	9754	195	71	151	59	0.0	2.3	43.8	0.6	0.9
8 Across	8035	9640	193	69	134	52	0.6	2.0	42.0	1.3	1.0
6 Suwan (1)	8131	9155	183	64	128	52	0.0	2.0	42.3	1.2	1.0
5 Islamabad (1)	8131	9127	183	64	136	54	0.0	2.0	42.5	0.0	1.0
12 Pirsabak (1)	7930RE	9070	182	64	129	50	0.0	2.5	43.5	0.6	1.0
3 Comayagua	8130	9041	181	64	130	45	0.0	2.0	41.8	0.0	1.0
4 La Molina	8131	8927	179	64	129	41	0.0	2.3	43.8	2.4	0.9
	MEANS	9676	194	66	136	53	0.2	2.1	42.8	0.9	1.0
	MAXIMUM	10724	215	71	154	65	0.6	2.8	43.8	2.4	1.1
	MINIMUM	8927	179	64	118	41	0.0	1.5	41.8	0.0	0.9
CHECKS (TESTIGOS):											
13 NEVIS LOCAL		4991	-	73	140	53	3.1	2.5	26.3	0.0	0.8
CHECK MEANS		4991	-	72	140	53	3.1	2.5	26.3	0.0	0.8
	5% LSD	1428.2		2.8	15.4	10.5			5.3		
	C.V.	10.7		2.9	7.9	13.9			9.0		

TABLE: 90-EV-84

EVT18B YEAR 1984 ST. KITTS NEEDSMUST

CO-OPERATOR:STAFFORD CROSSMAN, NACO

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	HELM MAYD	SPODO	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT
9 Rattray-Arnd(1) 8149	9811	-	56	132	47	0.0	0.0	1.8	2.0	43.5	2.0	3.0	2.0	1.2
10 Across 8149	9298	-	57	139	49	0.0	0.6	2.8	2.0	44.3	2.5	2.0	2.0	1.1
2 CIAT 8130	9212	-	52	158	61	1.2	0.0	2.3	2.0	41.3	2.0	2.2	2.0	1.1
8 Across 8035	8984	-	59	149	57	0.0	1.9	2.5	2.0	40.0	2.0	2.2	2.0	1.2
5 Islamabad (1) 8131	8756	-	50	142	58	3.6	0.6	2.3	2.0	41.5	2.0	3.4	2.0	1.1
6 Suwan (1) 8131	8696	-	50	144	53	2.4	2.5	2.8	2.0	40.3	2.0	3.7	2.0	1.0
4 La Molina 8131	8442	-	50	145	55	3.6	0.0	2.3	2.0	42.0	2.0	4.0	2.0	1.1
12 Pirsabak (1) 7930RE	8414	-	50	138	52	1.2	0.0	2.3	2.0	42.3	2.0	2.7	2.0	1.1
3 Comayagua 8130	8271	-	51	160	60	2.4	1.8	1.9	2.0	42.3	2.0	2.9	2.0	1.0
11 Across 7726RE	7729	-	61	157	69	0.0	0.0	1.8	2.0	41.0	2.3	4.4	2.0	1.0
7 Ilonga 8032	7415	-	64	149	67	0.0	0.6	2.0	2.0	41.3	2.0	4.4	2.0	1.0
1 Poza Rica 8126	7301	-	61	157	62	1.2	1.2	2.0	2.0	40.5	2.3	3.2	2.0	1.1
MEANS	8523	-	55	148	57	1.2	0.8	2.2	2.0	41.7	2.1	3.2	2.0	1.1
MAXIMUM	9811	-	64	160	68	3.6	2.5	2.8	2.0	44.3	2.5	4.4	2.0	1.2
MINIMUM	7301	-	50	132	47	0.0	0.0	1.8	2.0	40.0	2.0	2.0	2.0	1.0
5% LSD	1495.5		2.9	12.3	9.1					2.7				
C.V.	12.2		3.6	5.8	11.0					4.4				

TABLE: 91-EV-84

EVT188 YEAR 1984 YEMEN A.R. ZABID

CO-OPERATOR:ALI E. KAMBAL

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EAR ASPCT	%BAD H.C.	EARS/ PLNT
6 Suwan (1)	8131	6787	122	54	182	82	42.0	2.3	15.6	1.0
9 Rattray-Arnd(1)	8149	6765	122	58	147	65	40.0	3.3	5.7	1.0
10 Across	8149	6701	121	60	147	64	41.3	3.0	3.7	1.0
5 Islamabad (1)	8131	6627	120	53	171	77	40.0	2.7	6.[illegible]	1.1
1 Poza Rica	8126	6296	113	60	189	96	39.3	2.7	11.6	1.1
8 Across	8035	6296	113	59	186	83	40.3	3.3	16.[illegible]	1.0
7 Ilonga	8032	6147	111	65	200	97	41.3	3.0	3.3	1.0
11 Across	7726RE	5890	106	63	196	93	40.0	2.7	9.8	1.0
4 La Molina	8131	5848	105	53	175	77	40.7	3.0	10.5	1.1
2 CIAT	8130	5549	100	57	183	92	40.0	3.0	10.4	1.0
3 Comayagua	8130	5378	97	55	177	83	40.0	3.0	9.5	1.1
12 Pirsabak (1)	7930RE	5165	93	56	155	84	38.7	3.7	4.8	1.1
	MEANS	6122	110	58	176	83	40.3	3.0	9.1	1.1
	MAXIMUM	6787	122	65	200	97	42.0	3.7	16.9	1.1
	MINIMUM	5165	93	53	147	64	38.7	2.3	3.3	1.0
CHECKS (TESTIGOS):										
13 TIHAMA-1		5549	-	69	224	126	40.7	3.3	4.7	1.0
14 ZABID LOCAL		4567	-	54	186	88	37.7	4.0	4.2	1.3
CHECK MEANS		5058	-	61	204	106	39.2	3.7	4.4	1.2
	5% LSD	963.1		2.8	27.0	13.7	5.4			
	C.V.	9.6		2.9	8.9	9.5	7.9			

TABLE: 92-EV-84

EVT18B YEAR 1984 YEMEN A.R. SURDUD

CO-OPERATOR:A. KAMBAL AND A. HAZZA

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	STEM LODG	ROOT LODG	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT
9 Retray-Arnd(1)	8149	6531	121	64	0.6	0.0	38.5	3.3	3.8	2.0	1.0
1 Poza Rica	8126	6082	113	69	0.5	0.0	44.5	3.0	4.6	2.3	1.0
10 Across	8149	6050	112	65	0.0	0.6	42.5	3.0	6.1	1.3	1.0
11 Across	7726RE	6050	112	67	0.6	0.0	43.5	3.8	8.0	1.3	1.0
8 Across	8035	5954	111	65	0.7	0.0	40.5	3.5	7.9	1.5	1.0
5 Islamabad (1)	8131	5762	107	60	0.4	0.0	41.5	2.5	5.6	3.0	1.0
2 CIAT	8130	5602	104	61	0.0	0.0	42.5	3.0	8.5	2.3	1.0
6 Suwan (1)	8131	5570	104	61	2.4	0.0	42.5	2.5	9.7	1.5	1.0
7 Ilonga	8032	5538	103	63	3.6	0.0	42.0	3.0	3.9	1.3	0.9
3 Comayagua	8130	5372	100	61	0.0	0.0	44.0	3.0	3.7	2.8	1.0
12 Pirsabak (1)	793CRE	4738	88	61	1.2	0.0	43.5	3.5	6.0	2.8	0.9
4 La Molina	8131	4610	86	61	0.6	0.0	42.0	3.0	7.3	4.0	0.9
MEANS		5656	105	64	0.9	0.0	42.4	3.0	6.2	2.1	1.0
MAXIMUM		6531	121	69	3.6	0.6	44.5	3.5	9.7	4.0	1.0
MINIMUM		4610	86	60	0.0	0.0	38.5	2.5	3.7	1.3	0.9
CHECKS (TESTIGOS):											
13 TIHAMA-1		5378	-	69	3.4	0.0	44.0	3.0	9.4	2.0	0.9
14 ZABID LOCAL		4066	-	61	0.6	1.3	38.0	4.0	26.4	5.0	1.1
CHECK MEANS		4722	-	65	2.0	0.6	41.0	3.5	17.9	3.5	1.0
5% LSD		993.7		0.8			3.1				
C.V.		12.6		0.9			5.2				

TABLE: 93-EV-84

EVT188 YEAR 1984 LIBERIA CARI

CO-OPERATOR:DANIEL B. KUYEMBEH, C.A.R.I.

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	SASAKII	STEM LODG	ROOT LODG	%EAR ROT	HELM	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
9 Rattray-Arnd(1) 8149	1861	140	66	102	34	3.5	1.5	2.3	6.4	1.3	32.0	2.3	3.2	1.3	21.1
2 CIAT 8130	1527	115	66	123	43	10.2	13.4	11.9	6.9	2.5	29.0	3.3	11.3	2.5	18.9
10 Across 8149	1507	113	66	108	39	11.4	3.9	2.0	10.6	2.0	26.3	2.5	4.2	1.5	21.1
7 Ilonga 8032	1490	112	67	125	44	10.1	6.5	1.7	9.5	2.0	24.3	2.8	10.4	2.8	21.8
5 Islamabad (1) 8131	1415	106	61	117	42	13.9	15.7	11.6	11.7	2.3	26.0	3.3	12.3	2.8	18.5
12 Pirsabak (1) 7930RE	1412	106	62	115	38	11.6	12.0	1.5	13.0	1.3	27.3	2.3	12.8	3.3	17.8
1 Poza Rica 8126	1372	103	67	112	39	9.9	4.2	19.8	7.0	1.3	25.5	2.0	11.0	3.0	19.6
6 Suwan (1) 8131	1369	103	63	116	33	16.6	16.1	5.1	14.2	2.0	25.8	2.5	11.8	1.8	18.4
3 Comayagua 8130	1352	102	65	126	42	15.5	5.6	2.3	13.8	3.0	23.8	3.3	9.4	2.3	19.8
11 Across 7726RE	1259	95	69	126	45	9.0	7.9	0.0	6.7	1.8	22.5	2.5	11.7	2.5	21.0
8 Across 8035	1060	80	68	116	37	9.6	12.4	14.0	12.0	1.3	24.3	3.0	10.2	2.8	20.8
4 La Molina 8131	1049	79	63	116	39	17.5	11.1	7.6	16.2	2.0	21.5	2.5	12.5	2.8	18.5
MEANS	1389	105	65	117	40	11.6	9.2	6.6	10.7	1.9	25.7	2.8	10.1	2.4	19.8
MAXIMUM	1861	140	69	126	45	17.5	16.1	18.8	16.2	3.0	32.0	3.3	12.8	3.3	21.8
MINIMUM	1049	79	61	102	34	3.5	1.5	0.0	6.4	1.3	21.5	2.3	3.2	1.3	17.8
CHECKS (TESTIGOS):															
14 CARI III	1329	-	66	143	53	2.6	1.6	8.3	9.8	1.5	15.5	2.5	23.1	2.8	22.1
13 CARI II	1216	-	82	163	68	3.7	15.2	1.1	0.0	1.5	16.0	1.8	10.7	3.8	21.0
CHECK MEANS	1274	-	73	152	60	3.1	8.4	4.7	4.9	1.5	15.8	2.1	16.9	3.3	21.5
5% LSD	823.2		5.1	21.5	15.2						9.3				
C.V.	42.4		5.3	12.4	24.8						26.8				

TABLE: 94-EV-84

EVT188 YEAR 1984 MALAWI NGABU

CO-OPERATOR:MAIZE BREEDING PROGRAM, W.G,NHLANE

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	PUCC POLY	HELM TURC	PLANTS HARV	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
1 Poza Rica	8126	6293	110	53	196	95	0.0	19.0	0.8	1.0	1.3	41.3	4.9	2.8	1.3	22.1
9 Rattray-Arnd(1)	8149	6276	110	52	166	81	1.1	12.4	0.0	1.0	1.0	41.5	11.2	1.8	1.0	23.4
10 Across	8145	6179	108	53	174	80	1.2	18.3	0.6	1.0	1.5	42.0	14.4	2.3	1.1	23.4
7 Ilonga	8032	5820	102	54	210	109	1.9	9.4	0.0	1.0	1.0	40.8	8.1	2.3	1.1	24.0
3 Comayagua	8130	5635	100	51	193	97	3.0	14.9	1.0	1.0	1.5	42.8	5.6	2.5	1.1	20.6
2 CIAT	8130	5496	96	51	210	108	2.6	25.4	1.0	1.3	1.3	39.3	6.7	2.0	1.0	21.4
6 Suwan (1)	8131	5431	95	49	198	94	11.9	36.6	0.6	1.5	2.0	38.8	9.1	1.8	1.1	20.6
4 La Molina	8131	5417	95	48	180	85	1.8	9.9	0.0	1.8	1.0	42.0	17.7	2.9	1.0	20.6
11 Across	7726RF	5034	86	54	213	107	3.9	26.0	0.0	1.0	1.0	37.8	13.5	3.5	1.1	23.0
5 Islamabad (1)	8141	4835	85	49	194	93	1.2	19.1	1.4	1.3	1.3	36.0	11.7	2.5	1.1	20.9
8 Across	8035	4698	82	52	200	91	5.6	13.9	1.2	1.0	1.3	40.5	10.0	3.0	1.0	22.1
12 Pirsabak (1)	7930RF	3816	67	50	190	95	2.5	6.2	0.0	1.8	1.8	37.8	7.1	3.3	0.9	20.5
	MEANS	5415	95	51	194	95	3.1	17.6	0.5	1.2	1.4	40.0	10.0	2.5	1.1	21.9
	MAXIMUM	6293	110	54	213	109	11.9	36.6	1.4	1.8	2.0	42.8	17.7	3.5	1.3	24.0
	MINIMUM	3216	67	48	146	80	0.0	6.2	0.0	1.0	1.0	36.0	4.9	1.8	0.9	20.5
CHECKS (TESTIGOS):																
13 CCA C3		5702	-	68	268	158	5.7	6.8	1.3	1.8	2.3	39.3	6.0	4.0	1.0	27.1
14 CCC C0		5622	-	58	220	116	5.0	21.6	0.0	1.0	1.0	39.5	11.1	1.9	1.0	24.6
CHECK MEAN		5662	-	63	244	136	5.4	14.2	0.6	1.4	1.6	39.4	8.6	2.9	1.0	25.9
	5% LSD	1029.2		2.2	13.9	10.9						4.3				1.2
	C.V.	13.2		3.0	4.5	7.5						7.6				3.8

TABLE: 95-EV-84

EVT188 YEAR 1984 MALAWI CHITALA

CO-OPERATOR:NATIONAL MAIZE BREEDING PROGRAM W.G. NHLANE

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
7 Ilonga	8032	5611	87	60	201	72	5.4	6.1	0.6	42.3	3.0	4.4	3.5	1.1	14.1
10 Across	8149	5346	83	57	178	55	1.2	6.5	0.0	42.0	3.0	15.9	3.0	1.0	12.8
9 Rattray-Arnd(1)	8149	4774	74	56	171	55	7.4	9.3	0.0	41.0	3.5	9.6	4.0	1.0	13.4
11 Across	7726RE	4704	73	56	200	73	10.5	5.9	1.4	39.3	3.0	23.8	2.8	1.0	13.5
2 CIAT	8130	4170	65	55	192	72	17.3	12.3	0.0	38.5	4.0	13.4	4.0	1.0	12.2
3 Comayagua	8130	4046	63	53	200	72	11.2	17.0	0.0	40.0	3.8	5.2	3.8	1.0	12.7
4 La Molina	8131	3969	62	55	175	56	7.0	16.1	0.0	39.5	3.0	16.0	3.5	0.9	12.8
1 Poza Rica	8126	3789	59	55	183	64	12.0	12.6	0.0	33.8	3.0	11.1	3.8	1.0	13.4
8 Across	8035	3740	58	57	190	63	3.3	18.0	1.7	38.8	3.5	16.6	3.8	0.9	13.0
12 Pirsabak (1)	7930RE	3699	58	55	171	57	8.9	8.5	0.0	37.5	3.8	12.2	4.5	1.0	12.5
5 Islamabad (1)	8131	3649	57	55	178	60	24.7	20.2	0.0	34.5	3.3	20.2	4.3	0.9	12.4
6 Suwan (1)	8131	3126	49	55	172	55	14.3	18.1	0.0	37.5	4.0	10.8	4.3	0.9	12.8
	MEANS	4219	66	56	184	63	10.3	12.5	0.3	39.2	3.4	13.3	3.8	1.0	13.0
	MAXIMUM	5611	87	60	201	73	24.7	20.2	1.7	42.3	4.0	23.8	4.5	1.1	14.1
	MINIMUM	3126	49	53	171	55	1.2	5.9	0.0	34.5	3.0	4.4	2.8	0.9	12.2
CHECKS (TESTIGOS):															
13 CCA C3		6415	-	58	286	128	0.6	5.3	0.0	43.0	3.3	7.9	3.0	0.9	18.6
14 CCC C0		3427	-	60	193	60	8.2	8.2	0.8	32.3	3.8	9.9	4.3	0.9	14.6
CHECK MEANS		4921	-	59	239	93	4.4	6.7	0.4	37.6	3.5	8.9	3.6	0.9	16.6
	5% LSD	1409.9		1.8	19.4	11.2				4.6					1.1
	C.V.	22.8		2.3	7.1	11.6				8.2					5.8

TABLE: 96-EV-84

EVT188 YEAR 1984 MALAWI BAKA

CO-OPERATOR:NATIONAL MAIZE PROGRAM, W.C MHLANE.

ENTRY NO./PEDIGREE		KG/HA	%PEST CHECK	DAYS SILK	PLNT HT	EAR HT	STAK LODG	ROOT LODG	%EAR ROT	LEAF DIS.	PLANTS HARV	EAR ASPCT	%BAD H.C.	INSECT DAMAGE	PLANT ASPECT	MOIST %
7 Ilonga	8052	5502	129	46	139	96	10.5	12.3	3.5	3.0	41.0	2.5	4.7	0.0	2.3	26.0
9 Rattray-Arnd(1)	8149	6490	109	48	159	71	7.4	2.9	3.0	3.0	43.3	2.3	6.3	0.0	1.5	24.5
1 Poza Rica	8126	6191	101	52	199	90	10.5	21.1	7.0	3.0	43.5	2.5	4.3	1.0	2.0	23.7
10 Across	8146	5211	109	43	147	60	5.7	3.5	12.7	3.5	42.8	2.5	4.8	0.0	2.5	25.0
2 CIAT	8130	5016	96	47	185	96	11.1	15.2	4.4	2.8	41.3	2.0	4.4	0.0	2.5	22.8
11 Across	772SPE	4912	97	52	165	79	10.5	13.6	9.7	3.0	43.5	2.8	6.0	0.3	2.5	24.9
4 La Molina	8131	4877	96	46	179	81	8.0	20.0	6.2	3.3	41.8	2.3	6.4	0.0	2.5	22.0
3 Comayagua	8130	4734	93	47	175	79	7.7	27.2	5.7	2.5	41.8	2.8	4.7	0.0	2.5	22.1
5 Islamabad (1)	8131	4309	5	49	174	77	19.2	15.5	7.9	3.3	40.5	2.3	6.6	0.0	2.5	23.5
6 Suwan (1)	8131	4345	84	48	166	72	9.2	27.2	5.1	3.0	39.5	2.3	6.0	0.0	2.0	23.8
8 Across	8038	3962	79	52	156	73	3.3	3.7	3.1	2.5	39.3	2.3	7.2	0.0	2.3	24.5
12 Pirsabak (1)	7930A	3849	74	46	161	70	9.6	6.3	0.7	2.8	42.0	2.5	5.6	0.3	2.0	22.5
MEANS		5091	100	48	173	79	9.5	12.9	5.7	3.0	41.3	2.4	5.6	0.1	2.3	23.8
MAXIMUM		6502	129	52	199	94	19.2	22.2	12.7	3.5	43.8	2.8	7.2	1.0	2.5	26.0
MINIMUM		3849	76	46	147	60	3.2	2.9	0.7	2.5	36.8	2.0	4.3	0.0	1.5	22.0
CHECKS (TESTIGOS):																
13 CCAC3		5065	-	52	243	155	3.0	9.9	2.1	2.5	40.0	2.3	7.1	2.3	2.3	21.0
14 CCCC2		3587	-	48	159	79	9.5	39.6	2.9	3.2	17.8	2.0	17.1	0.5	2.5	28.4
CHECK MEANS		4321	-	54	200	115	6.4	24.7	2.5	2.9	28.9	2.1	12.1	1.4	2.4	24.7
5% LSD		1934.0		0.2	34.3	22.3					8.2					
C.V.		28.2		0.3	13.6	19.6					14.6					

TABLE: 97-EV-84

EVT188 YEAR 1984 REP. S.AFRICA POTCHEFSTROOM

CO-OPERATOR:DR. A.P. FOURIE, GRAIN CROPS RES. INS.

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	ROOT LODG	STEM BRT	PLANTS HARV	EARS/ PLNT	MOIST %
6 Suwan (1)	8131	5045	110	32.9	4.6	37.3	1.1	10.0
4 La Molina	8131	4934	107	30.4	9.0	37.5	1.0	10.0
9 Rattray-Arnd(1)	3149	4711	102	35.0	4.7	36.5	1.1	10.6
5 Islamabad (1)	8131	4584	100	33.4	8.7	37.8	1.0	10.4
12 Pirsabak (1)	793CRE	4135	90	32.9	4.4	37.5	1.0	10.4
10 Across	8149	4057	88	49.2	6.2	37.5	1.1	10.2
7 Ilonga	8032	3814	83	37.9	6.9	37.5	1.0	11.2
2 CIAT	8130	3762	82	29.7	6.9	36.7	0.9	9.8
1 Poza Rica	8126	3614	79	35.9	13.3	35.0	1.0	10.0
8 Across	8035	3393	74	45.6	4.0	35.5	0.9	10.2
3 Comayagua	8130	3340	73	21.1	1.5	36.0	1.0	10.2
11 Across	7726RE	2976	65	13.7	6.6	37.8	0.9	9.6
MEANS		4027	88	32.8	6.9	37.0	1.0	10.2
MAXIMUM		5045	110	49.3	13.9	37.9	1.1	11.2
MINIMUM		2976	65	13.7	1.5	35.0	0.9	9.6
CHECKS (TESTIGOS):								
13 TX-9		4584	-	29.6	10.7	36.5	0.9	10.4
14 TX-24		4527	-	25.6	7.1	39.0	0.9	10.8
CHECK MEANS		4555	-	27.6	8.9	37.8	0.9	10.6
5% LSD		1396.2				3.3		
C.V.		23.8				6.3		

TABLE: 98-EV-84

EVT18B YEAR 1984 REUNION PETITE FRANCE

CO-OPERATOR:E. HAINZELIN, IRAT

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	PLANT ASPECT	EARS/ PLNT	MOIST %
7 Ilonga	8032	2096	85	112	123	51	0.6	0.6	5.3	2.8	2.3	36.5	2.5	3.3	0.8	35.6
9 Rattray-Arnd(1)	8149	2051	83	109	105	40	0.6	0.0	8.0	2.5	2.0	39.3	2.3	3.3	0.9	35.8
2 CIAT	8130	1916	77	103	105	43	19.5	2.0	2.0	3.8	3.0	38.3	2.5	3.5	0.9	25.9
10 Across	8149	1711	69	109	99	33	0.7	0.0	13.1	2.3	2.5	37.8	2.3	3.8	0.8	33.0
3 Comayagua	8130	1636	66	102	103	44	8.3	3.8	2.0	4.3	3.0	37.5	3.0	3.3	0.9	25.1
4 La Molina	8131	1635	66	98	100	41	24.5	3.4	8.5	4.8	3.0	36.0	3.0	3.8	0.9	24.7
6 Suwan (1)	8131	1567	63	99	98	36	10.5	2.6	2.5	4.0	3.0	37.5	3.0	4.3	0.8	26.0
12 Pirsabak (1)	7930RE	1480	60	100	98	36	16.7	2.8	7.4	3.8	3.3	37.5	2.8	2.8	0.9	24.4
1 Poza Rica	8126	1479	60	108	110	45	6.3	2.5	16.7	3.3	2.8	39.3	3.0	3.3	0.8	31.3
5 Islamabad (1)	8131	1418	57	99	88	33	13.3	3.6	9.8	4.3	2.5	40.0	3.0	3.8	0.8	24.0
8 Across	8035	1266	51	108	113	44	18.0	0.6	7.6	4.0	3.5	39.0	3.3	3.0	0.8	26.0
11 Across	7726RE	1091	44	112	115	45	13.3	2.2	19.3	3.8	3.5	38.5	2.8	3.0	0.7	31.4
	MEANS	1612	65	105	105	41	11.0	2.0	8.5	3.6	2.9	38.1	3.0	3.4	0.8	28.6
	MAXIMUM	2096	85	112	123	51	24.5	3.8	19.3	4.8	3.5	40.0	3.3	4.3	0.9	35.8
	MINIMUM	1091	44	98	88	33	0.6	0.0	2.0	2.3	2.0	36.0	2.3	2.8	0.7	24.0
CHECKS (TESTIGOS):																
14 IRAT 143		2473	-	100	143	61	17.8	5.8	7.3	3.3	3.5	31.0	2.3	2.5	0.9	26.0
13 TOCUMEN (1)	7931	1019	-	100	88	34	12.6	4.0	11.6	3.8	3.0	31.5	3.0	4.8	0.7	23.3
CHECK MEANS		1746	-	99	115	47	15.2	4.9	9.5	3.5	3.3	31.3	2.6	3.6	0.8	24.7
	5% LSD	754.9		3.9	17.5	11.0						5.2				
	C.V.	32.4		2.6	11.6	18.4						9.8				

TABLE: 99-EV-84

EVT18B YEAR 1984 REUNION COLIMACONS

CO-OPERATOR:E. HAINZELIN, IRAT, CIRAD

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PUCC	HELM	PLANTS HARV	EAR ASPCT	EARS/ PLNT	MOIST %
9 Rattray-Arnd(1)	8149	4268	150	77	180	95	7.1	6.7	0.6	1.8	2.0	37.3	1.8	0.9	38.6
10 Across	8149	4018	141	82	183	88	1.9	3.8	9.2	1.5	2.3	34.5	1.8	0.9	36.6
6 Suwan (1)	8131	3972	139	75	183	98	8.3	13.4	2.1	1.5	2.0	37.5	2.[illegible]	0.9	29.6
3 Comayagua	8130	3728	131	75	180	88	10.4	18.6	3.2	1.5	1.8	37.0	1.5	0.9	32.8
2 CIAT	8130	3621	127	77	190	100	13.5	21.0	8.6	2.0	1.8	33.5	2.0	0.8	32.8
7 Ilonga	8032	3367	118	81	210	103	7.9	13.3	10.1	1.3	1.0	37.8	2.0	0.7	39.6
12 Pirsabak (1)	7930RE	3201	112	75	188	100	7.3	12.2	3.6	3.0	3.0	34.0	2.3	0.9	30.8
1 Poza Rica	8126	3100	109	80	193	88	11.4	14.9	7.7	1.8	2.0	32.0	2.3	0.8	37.0
11 Across	7726RE	3069	108	81	203	108	8.6	17.4	5.5	3.3	3.3	34.[illegible]	2.5	0.7	34.6
4 La Molina	8131	3034	106	75	175	95	14.2	19.8	4.5	1.3	2.3	33.0	2.5	0.8	30.6
8 Across	8035	2950	103	78	193	95	7.6	14.0	2.7	3.8	2.[illegible]	39.3	2.8	0.7	30.6
5 Islamabad (1)	8131	2367	83	75	170	78	18.6	11.2	23.9	2.3	[illegible].3	29.8	2.8	0.7	25.6
	MEANS	3391	119	78	187	94	9.7	13.9	6.8	2.1	2.2	35.0	2.2	0.8	33.3
	MAXIMUM	4268	150	82	210	108	18.6	21.0	23.9	3.8	3.3	39.3	2.8	0.9	39.6
	MINIMUM	2367	83	75	170	78	1.9	3.8	0.6	1.3	1.0	29.8	1.5	0.7	25.6
CHECKS (TESTIGOS):															
13 TOCUMEN (1)	7931	2852	-	75	198	105	11.2	21.9	11.5	3.3	3.0	34.3	2.8	0.8	29.6
14 IRAT 143		2334	-	75	200	108	12.2	18.9	37.3	2.3	2.5	23.8	2.5	0.7	31.8
CHECK MEANS		2593	-	75	198	106	11.7	20.4	24.4	2.8	2.8	29.0	2.6	0.7	30.7
	5% LSD	1037.6		2.8	38.0	23.3						9.6			
	C.V.	22.1		2.6	14.1	16.9						19.6			

TABLE: 100-EV-84

EVT188 YEAR 1984 VIETNAM HO-CHI-MINH CITY

CO-OPERATIVE: VO DINH LONG, PHAN THUNG TRINH

ENTRY NO./PEDIGREE		KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	CORTICIUM SASAKII	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	EARS/ PLNT	MOIST %
6 Suwan (1)	8131	2449	107	44	168	79	15.6	1.5	9.8	4.5	34.5	3.5	3.2	3.8	0.8	32.3
3 Comayagua	8130	2417	106	44	178	90	19.5	1.0	11.1	4.0	30.8	3.5	1.8	3.8	0.9	[illegible]
9 Pettray-Arnd(1)	8149	2196	96	46	145	55	8.0	3.0	5.8	3.8	42.3	3.3	2.5	3.5	0.8	35.8
4 La Molina	8131	2112	[illegible]	44	145	65	36.7	9.5	14.3	4.0	30.0	2.8	3.7	3.3	0.8	32.0
2 CIAT	8130	2080	91	44	175	78	29.3	2.7	1.6	3.3	30.0	4.3	8.2	3.3	0.8	34.3
5 Islamabad (1)	8131	2052	90	44	155	58	54.2	7.3	2.9	5.0	26.0	2.0	3.4	3.8	1.1	32.1
10 Across	8149	1956	86	47	147	58	16.9	1.5	10.6	3.8	37.3	3.0	5.0	3.3	0.7	36.3
12 Pinsabak (1)	7830F5	1917	80	47	148	58	34.6	0.0	7.7	4.3	29.0	2.0	2.8	3.8	0.6	31.5
1 Poza Rica	8126	1712	75	45	165	75	57.9	5.2	6.7	3.8	29.3	3.3	0.0	3.3	0.8	34.7
7 Ilonga	8032	1699	74	46	160	78	19.6	3.3	5.5	4.0	38.3	2.5	7.7	3.8	0.8	37.6
8 Across	8032	1576	69	45	145	58	60.1	4.5	11.6	4.0	32.3	2.5	5.7	4.0	0.7	30.7
11 Across	772GP5	1392	61	46	170	80	53.8	1.9	3.5	3.8	33.3	2.8	4.5	3.5	0.7	35.[illegible]
	MEANS	1954	86	45	159	65	35.4	3.4	7.8	4.0	33.6	3.0	4.1	3.6	0.8	34.2
	MAXIMUM	2449	107	47	178	90	60.1	8.5	14.3	5.0	42.3	4.3	8.2	4.0	1.1	37.6
	MINIMUM	1392	61	44	140	55	8.0	0.0	1.6	3.3	25.0	2.0	0.0	3.3	0.6	31.5
CHECKS (TESTIGOS):																
13 EARLY THAI COMP.		2293	-	46	205	105	35.8	9.1	4.2	2.5	23.5	4.0	3.7	3.3	[illegible]	33.5
14 A1		1796	-	47	190	103	75.0	6.9	2.7	3.0	29.3	3.5	6.7	2.5	0.8	36.5
CHECK MEANS		2040	-	46	197	103	55.4	8.0	3.5	2.8	26.4	3.8	5.2	2.9	0.8	34.5
	5% LSD	915.9		0.0	21.4	15.2					9.7					2.6
	C.V.	32.6		0.0	9.3	14.4					20.8					5.3

TABLE: 101-EV-84

TRIAL: ELVT188
MEANS ACROSS 49 LOCATIONS

ENTRY NO. AND NAME		PARENT POPULATION	REGION I KG./HA	II KG./HA	III KG./HA	IV KG./HA	V KG./HA	VI KG./HA	OVER ALL <------MEAN-------> DAYS FLOWER	PLANT HT.	KG./HA
9 Rattray-Arnd (1)	8149	Blanco Dentado-2	5538	5394	6631	3421	4761	4215	58	154	4704
10 Across	8149	Blanco Dentado-2	5164	5336	6329	3336	4420	3996	59	153	4543
7 Ilonga	8032	ETO Blanco	5207	4865	5799	3337	4535	3792	61	181	4354
1 Poza Rica	8126	Mezcla Amarilla	5042	5148	6174	3101	4078	3888	59	177	4341
11 Across	7726RE	Mezcla Amarilla	5204	5101	5982	3006	3631	3528	60	181	4210
6 Suwan (1)	8131	Amarillo Cristalino-2	4828	4859	6092	3158	3915	3749	54	167	4194
2 CIAT	8130	Blanco Cristalino-2	5011	4833	5579	3111	3997	3730	56	179	4180
4 La Molina	8131	Amarillo Cristalino-2	4713	4640	5140	3135	3973	3730	54	164	4070
8 Across	8035	Ant. X Rep. Dom	5092	4848	6101	3034	3339	3314	59	171	4060
3 Comayagua	8130	Blanco Cristalino-2	4539	4763	5378	2882	3860	3682	56	174	4017
5 Islamabad (1)	8131	Amarillo Cristalino-2	4592	4708	6137	3044	3560	3407	54	167	4003
12 Pirsabak (1)	7930RE	Blanco Cristalino-2	4307	4355	4921	2904	3363	3235	55	164	3723
Mean			4937	4904	5855	3122	3953	3687	57	170	4200
No of Locations			5	17	2	13	6	6	46	46	49

Region I= South America
II= North, Central America and the Caribbean
III= Mideast
IV= West Africa
V= East and South Africa
VI= Asia

Addendum: 1983 Trial Results
(Anexo: Resultados de ensayos, 1983)

Trial (Ensayo)	Location (Localidad)	Table no. (Cuadro no.)	Page no. (Pág. no.)
IPTT 26	Brazil, Parana	92-P-83	221
IPTT 36	Peru, Piura	93-P-83	222
IPTT 62	Across locations (En todas las locs.)	94-P-83	223
EVT 12	Philippines, Baybay	311-V-83	225
	Brazil, Parana (2)	312-V-83	226
EVT 14A	Vietnam, Hanoi	313-V-83	227
	Vietnam, Cam-thuy	314-V-83	228
	Vietnam, Song-Boi (3)	315-V-83	229
EVT 14B	Philippines, Baybay	316-V-83	230
EVT 15A	Vietnam, Song-Boi (3)	317-V-83	231
EVT 15B	Mexico, Ciudad Obregon	318-V-83	232
EVT 16A	Thailand, Suwan	319-V-83	233
	Vietnam, To-Hieu	320-V-83	234
EVT 16B	Thailand, Suwan	321-V-83	235
ELVT 18A	Philippines, Ilagan	152-EV-83	237
	Brazil, Parana	153-EV-83	238
ELVT 18B	Philippines, Baybay	154-EV-83	239
	Philippines, Ilagan (3)	155-EV-83	240
ELVT 20	Brazil, Cascavel	156-EV-83	241
	Brazil, Parana	157-EV-83	242

TABLE: 92-P-83 POPULATION: MEZCLA AMARILLA TRIAL: IPTT 26

LOCATION : PARANA BRAZIL EXP. VARIETY: PARANA 8326

5CO-OPERATOR:OCEPAR

PROG NO	KG/HA	RANK	PLNT HT	EAR HT	EARS HARV
39	4676	8	223	125	26.0
69	4726	4	225	115	22.5
76	4726	5	235	120	26.5
87	4726	6	220	110	24.5
97	4877	3	208	105	28.5
109	5028	2	235	125	28.0
138	4726	7	235	125	26.0
181	5128	1	203	115	26.0
188	4626	10	240	130	24.0
191	4575	11	220	115	25.0
SEL MEAN	4781	-	224	119	25.7
POP MEAN	3523	-	218	118	22.9
POP RANGE	5128-	-	255-	145-	32.0-
	1609	-	173	95	14.0
CHECK MEAN	1952	-	213	127	10.9
BEST CHECK	2262	-	220	115	14.0
C.V.	19.1		6.8	8.3	
5% LSD	1324.9		29.2	19.2	

BEST CHECK: COM. P. BAIXA FLIN OTHER CHECKS: COM. P. BAIXA DEN., AZTECA PROLIFICO, PIRANAO VD-2, PIRANA

TABLE: 93-P-83 POPULATION: COGOLLERO TRIAL: IPTT 36

LOCATION : PIURA PERU EXP. VARIETY: PIURA (1) 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
126	9112	1	67	213	121	21.1	1.0
76	8818	2	65	183	79	19.4	1.2
133	8803	3	68	218	112	19.0	1.2
103	7593	14	67	193	86	16.1	1.1
146	7262	20	67	210	100	19.6	1.1
204	7671	11	67	206	96	19.4	1.1
229	7425	16	65	198	112	18.6	1.2
17	6323	68	71	215	118	18.6	1.0
95	6850	36	67	206	101	19.8	0.9
65	5102	157	69	193	89	15.7	1.1
SEL MEAN	7496	-	67	203	102	18.7	1.1
POP MEAN	5707	-	67	186	39	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 81-23, PIURA 81-62, PIURA 81-63, PIURA 81-67, PIURA

TABLE: 94-P-83 POPULATION: POP.62(WHITE FL QPM) TRIAL: IPTT 62

YEAR: 1983 EXP. VARIETY: ACROSS 8362

COUNTRY-SITE CODES

20710	- MEXICO	POZA RICA
105 1	- COLOMBIA	PALMIRA
5 2	- PHILIPPINES	U.P. LOS BANOS
612 2	- GUINEA	KINDIA

PROG	KG/HA					DAYS TO SILK					PLANT HEIGHT				
	20710	10501	T02	61202	MEAN	20710	10501	502	61202	MEAN	20710	10501	502	61202	MEAN
35	7073	5856	5499	1130	4964	56	65	54	62	59	181	203	183	142	177
55	7006	4519	5826	2260	4903	56	65	54	61	59	193	199	207	136	185
63	7809	5897	6127	1474	5327	56	67	54	62	60	210	205	181	111	177
81	6491	5865	5236	1720	4828	55	69	52	62	58	195	214	176	129	179
96	7073	4750	5113	1810	4689	54	63	54	61	58	182	200	177	128	172
151	7784	5887	5043	1523	5059	54	65	54	62	59	223	219	195	119	189
178	7232	5268	4322	2310	4783	57	63	52	61	58	182	203	180	144	177
195	7540	4815	5303	1425	4771	57	64	52	63	59	199	195	193	119	176
221	6838	5024	5936	1523	4836	58	66	54	64	60	206	199	193	142	185
235	7696	4625	6166	983	4867	58	67	54	62	60	198	195	205	108	176
SEL MEAN		7254	5251	5489	1617	4903	56	65	53	62	59	197	203	189	128	179
POP MEAN		6344	4186	4948	1428	4226	56	65	53	62	59	200	198	189	128	179
CHECK MEAN		6498	5293	2927	3957	4669	56	68	47	60	58	189	203	172	194	189
BEST CHECK		7137	6677	4712	4107	5659	56	67	49	59	58	190	210	179	199	195
CV		9.6	18.6	17.2	10.1	13.9									
LSD(5%)		1200	1546	1662	296	1176									

TABLE: 311-V-83

EVT12 YEAR 1983 PHILIPPINES BAYBAY

CO-OPERATOR:DR. KRISHNA K. SINGH, N.C. BELONIAS

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.	EAR BORER	PLANT ASPECT	EARS/ PLNT	MOIST %
7 Poza Rica 8129	5667	108	52	225	112	2.6	0.7	17.9	32.5	2.0	9.2	1.0	2.0	1.2	22.4
9 Ferke (1) 8129	5599	107	52	233	117	2.7	0.0	17.8	38.3	2.0	6.0	1.0	2.0	1.0	23.1
3 Poza Rica 8121	5336	102	53	250	115	2.5	0.6	31.0	39.5	1.3	7.3	1.0	2.0	0.9	26.2
12 Santa Rosa 8073	5300	101	53	237	123	4.6	4.5	16.1	36.3	1.8	12.3	1.5	2.5	1.0	21.4
1 Jardinopolis 8121	5275	101	53	233	116	3.2	9.0	14.3	39.3	2.0	6.7	1.0	2.0	1.0	24.5
10 Ilonga 8043	5274	101	52	236	130	3.2	1.3	12.0	39.0	1.3	5.0	1.3	2.5	1.3	25.9
14 Across 7729 RE	5221	100	53	222	105	2.6	0.0	15.5	39.8	1.8	6.6	1.0	1.5	0.9	30.2
6 Gandajika 8022	4970	95	53	215	104	2.7	0.0	19.5	36.3	2.3	9.2	1.5	2.3	1.0	21.7
11 Kwadaso 8043	4912	94	54	234	121	4.4	0.0	9.3	34.0	1.0	10.0	1.3	2.3	1.1	28.4
5 Across 8121	4892	93	54	229	117	3.5	7.6	15.2	36.5	1.8	9.4	1.3	2.3	0.9	29.1
13 Across 7622 RE	4377	84	53	229	111	4.0	1.4	18.0	37.5	2.0	6.2	1.3	2.3	1.0	29.9
2 Omonita (1) 8121	4270	82	54	235	119	9.3	1.3	18.4	31.0	1.8	6.4	1.3	2.0	1.0	28.8
8 Ferke 8129	4264	81	54	226	115	5.8	0.6	16.3	31.5	1.5	9.0	1.3	2.3	1.1	28.7
4 Rattray_arnold(1)8121	4045	77	54	241	118	4.1	0.0	19.9	34.0	2.0	6.3	1.0	2.9	1.0	30.0
MEANS	4957	95	53	232	117	3.9	1.3	15.8	36.1	1.7	7.8	1.2	2.2	1.0	26.7
MAXIMUM	5667	108	54	256	130	9.3	7.6	19.9	39.8	2.3	12.3	1.5	2.8	1.3	30.2
MINIMUM	4045	77	52	215	104	2.5	0.0	9.3	31.0	1.0	5.0	1.0	1.5	0.9	23.4
CHECKS (TESTIGOS):															
16 PHIL. DMR COMP. 2	5232	-	50	236	122	3.8	1.0	17.2	33.5	1.8	7.0	1.3	2.5	1.0	17.2
15 L. TINIGIB	4346	-	43	251	135	9.3	5.8	13.4	26.5	1.5	9.5	1.3	2.5	1.3	25.4
CHECK MEANS	4789	-	46	243	128	6.6	3.4	15.3	31.0	1.6	8.3	1.3	2.5	1.2	23.3
5% LSD	1571.8		1.7	19.9	15.8				6.2						7.4
C.V.	22.4		2.4	6.0	9.4				12.3						20.1

TABLE: 312-V-83

EVT12 YEAR 1983 BRAZIL PARANA (2)

CO-OPERATOR:OCEPAR

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	4602	126	78	175	94	1.5	0.0	3.1	49.0	1.0	25.7
13 Across T622 RE	4582	125	77	171	93	0.5	3.6	1.5	49.3	1.0	24.5
1 Jardinopolis 8121	4535	124	78	178	94	1.5	0.0	1.1	49.0	1.0	24.9
10 Ilonga 8043	4515	124	77	185	93	0.5	0.5	1.6	46.3	1.0	24.5
3 Poza Rica 8121	4497	122	78	183	101	1.0	0.5	0.0	47.8	1.0	25.0
14 Across 7729 RE	4435	122	78	174	86	1.1	3.7	1.7	47.8	1.0	25.1
9 Funks (1) 8129	4411	121	78	170	88	1.6	0.0	0.5	47.3	1.0	25.0
11 Amadeso 8043	4317	118	79	181	93	0.6	1.7	1.8	44.3	1.0	23.9
4 Rostray_arnld(1)8121	4281	117	78	180	91	2.1	2.2	1.2	45.0	1.0	25.9
7 Poza Rica 8129	4210	115	76	169	86	4.2	0.5	1.6	48.0	1.0	24.0
2 Omonita (1) 8121	4160	114	78	176	84	2.3	0.5	0.0	46.0	1.0	24.2
12 Santa Rosa 8073	4093	112	77	180	95	3.2	3.2	0.0	46.3	1.0	24.6
5 Across 8121	4015	110	79	175	93	2.6	2.4	1.8	44.8	1.0	22.9
8 Funks 8129	3851	106	78	168	88	0.0	0.0	0.0	43.0	1.0	23.1
MEANS	4318	118	78	176	91	1.6	1.3	1.1	46.7	1.0	24.5
MAXIMUM	4602	126	79	185	101	4.2	3.7	3.1	49.3	1.0	25.9
MINIMUM	3851	106	76	168	84	0.0	0.0	0.0	43.0	1.0	22.9
CHECKS (TESTIGOS):											
15 OCEPAR 503	3647	-	76	171	95	1.2	1.1	0.5	42.5	1.0	23.3
16 OCEPAR 202	3349	-	78	191	101	2.8	2.0	0.7	34.5	1.0	23.4
CHECK MEANS	3498	-	77	181	98	2.0	1.5	0.6	38.4	1.0	23.3
5% LSD	427.7		2.0	14.8	17.2				4.8		1.6
C.V.	7.1		1.8	5.9	13.2				7.3		4.7

TABLE: 313-V-83

EVT14A YEAR 1983 VIETNAM HANOI

CO-OPERATOR:VU NGOC LUOC

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	HELM TURC	SCLER. RAY.	PLANTS HARV	PLANT ASPECT	MOIST %
1 Porr Rica 8126	3360	150	56	172	46	4.7	2.4	3.0	2.5	42.5	2.5	23.1
2 Suwan 8126	2840	127	56	175	49	5.5	2.8	2.5	3.0	36.3	3.0	22.9
8 Zboperenda 8035	2702	120	61	171	41	0.0	0.0	4.5	3.0	41.3	3.0	23.1
9 Across 8035	1721	77	62	173	38	2.3	4.7	3.5	4.0	43.0	2.5	37.8
6 Suwan (1) 8131	1633	73	58	157	40	6.8	9.1	3.0	2.5	44.3	3.0	23.1
3 La Molina 8131	1622	72	50	151	32	7.4	4.9	3.0	2.5	40.8	3.0	20.8
5 Suwan 8131	1622	72	54	149	37	2.5	12.4	3.0	3.0	40.3	3.0	20.8
11 across 7635 RE	1438	64	56	164	32	5.6	22.3	3.0	4.0	19.3	3.5	24.1
7 Across 8131	1319	59	56	153	32	2.7	2.7	3.0	3.0	38.3	3.0	21.6
4 Izlamabad (1) 8131	1198	53	56	145	33	5.6	2.8	2.5	2.5	36.5	3.0	20.8
10 Across 7726 RE	1160	52	53	180	40	12.6	7.6	3.0	3.0	39.8	3.0	24.1
MEANS	1874	84	56	163	38	5.1	6.5	3.1	3.0	38.4	3.0	23.8
MAXIMUM	3360	150	62	180	49	12.6	22.3	4.5	4.0	44.3	3.5	37.8
MINIMUM	1160	52	50	145	32	0.0	0.0	2.5	2.5	19.3	2.5	20.8
CHECKS (TESTIGOS):												
13 HSB 1	2243	-	58	219	82	2.8	7.7	3.0	3.0	39.3	3.0	25.1
12 TSB 1	1589	-	57	201	58	10.5	5.3	3.5	4.0	36.0	3.0	28.3
CHECK MEANS	1916	-	57	209	70	6.5	6.5	3.3	3.5	38.6	3.0	26.7
5% LSD	499.5			13.2	7.6					5.0		0.3
C.V.	18.5			5.6	12.4					9.1		0.9

TABLE: 314-V-83

EVT14A YEAR 1983 VIETNAM CAM THUY

CO-OPERATOR: VU NGOC LUOC

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	STEM LODG	ROOT LODG	SCLER %	STALK ROT	HUSK COVER	PLANTS HARV	BORER %	EARS/ PLNT	MOIST %
10 Across 7726 RE	5527	97	86	160	3.0	4.4	1.9	2.5	3.0	40.8	1.3	1.0	29.4
6 Suwan (1) 8131	5000	88	82	164	3.2	6.9	0.0	9.2	2.8	39.3	0.0	1.0	30.6
5 Suwan 8131	4959	87	82	163	2.5	6.0	0.0	8.8	3.0	42.3	0.0	1.0	28.0
1 Poza Rica 8126	4874	86	87	183	1.2	4.5	1.2	9.0	2.5	40.3	0.6	1.0	34.3
2 Suwan 8126	4841	85	87	186	8.6	8.7	0.0	11.2	2.3	37.8	2.0	1.0	33.9
7 Across 8131	4685	83	82	149	3.2	1.3	0.0	6.3	2.5	39.3	0.0	1.0	28.8
8 Ibadan 8035	4640	82	86	187	5.0	10.9	0.0	12.7	3.3	39.3	0.0	1.0	32.2
4 Islamabad (1) 8131	4546	80	82	196	2.7	7.6	0.0	7.3	2.8	37.8	0.0	1.0	34.5
9 Across 8035	4501	79	85	196	1.8	4.3	3.1	11.9	2.5	39.8	0.6	1.0	33.0
3 La Molina 8131	4495	79	82	156	3.9	5.6	0.0	8.6	2.8	41.3	0.0	1.0	32.1
11 across 7635 RE	4314	76	86	174	10.4	4.1	2.8	5.5	3.5	36.5	2.2	1.0	30.8
MEANS	4762	84	84	174	4.2	5.8	0.8	8.4	2.8	39.5	0.6	1.0	31.6
MAXIMUM	5527	97	88	196	10.4	10.9	3.1	12.7	3.5	42.3	2.2	1.0	34.5
MINIMUM	4314	76	82	149	1.2	1.3	0.0	2.5	2.3	36.5	0.0	1.0	28.0
CHECKS (TESTIGOS):													
13 VM-1	5673	-	88	230	15.2	3.3	0.7	5.0	3.0	40.3	0.7	1.0	34.3
12 DT-6	5364	-	89	195	14.6	11.4	0.0	3.8	2.5	39.5	0.0	1.0	34.9
CHECK MEANS	5519	-	88	212	14.9	7.4	0.3	4.4	2.8	39.9	0.3	1.0	34.6
5% LSD	787.4		1.8							2.9			5.9
C.V.	11.3		1.5							5.1			12.8

TABLE: 315-V-83

EVT 14A YEAR 1983 VIETNAM SONG-BOI (3)

CO-OPERATOR:VU NGOC LLOC

ENTRY NO./PEDIGREE	KG/HA	BEST CHECK	DAYS SILK	YEAR POT	HUSK COVER	HELM TURC	PLANTS HARV	PLANT ASPECT	EARS/ PLNT	MOIST %
6 Suwan (1) 8131	3339	105	44	12.2	3.5	1.5	30.3	3.0	0.8	33.8
2 Suwan 8126	2367	65	50	7.6	3.3	1.3	36.5	3.3	0.9	32.2
1 Poza Rica 8126	2262	62	43	8.6	3.3	1.5	34.5	3.0	0.9	30.5
9 Across 8035	2164	59	52	5.7	3.0	1.3	32.8	3.0	1.0	36.1
5 Suwan 8131	2123	59	45	7.8	3.3	1.8	34.0	3.3	0.9	33.7
8 Iboperenda 8035	2121	58	50	11.3	3.0	1.0	32.5	3.3	0.9	34.6
7 Across 8131	2072	57	44	9.5	3.3	2.0	33.5	3.5	0.9	33.6
10 Across 7726 RE	2030	56	50	11.8	3.3	1.5	29.0	3.0	0.9	34.1
3 La Molina 8131	1686	46	42	31.5	3.3	1.3	34.5	3.3	0.8	35.8
4 Islamabad (1) 8131	1635	45	44	16.9	3.0	1.5	28.3	3.3	0.9	34.7
11 Across 7635 RE	1624	44	41	10.8	3.5	1.3	24.3	3.0	0.8	32.7
MEANS	2175	55	47	12.3	3.2	1.5	31.8	3.2	0.9	33.8
MAXIMUM	3339	105	52	31.5	3.5	2.0	36.5	3.5	1.0	36.1
MINIMUM	1624	44	42	5.7	3.0	1.0	24.3	3.0	0.8	30.5
CHECKS (TESTIGOS):										
12 TSB-1	3657	-	52	7.9	2.8	1.0	39.5	3.0	0.9	30.7
13 HSB-1	3406	-	53	3.5	2.5	1.3	33.0	3.0	0.9	32.0
CHECK MEANS	3532	-	52	5.7	3.1	1.1	36.3	3.0	0.9	31.3
5% LSD	1325.9		2.3				7.8			5.5
C.V.	35.5		4.1				16.8			11.5

TABLE: 316-V-83

EVT14B YEAR 1983 PHILIPPINES BAYBAY

CO-OPERATOR:DR. KRISHNA K. SINGH

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	%EAR ROT	PLANTS HARV	EAR ASPCT	%BAD H.C.	EAR BORER	PLANT ASPECT	EARS/ PLNT	MOIST %
8 Ikene 8149	5475	128	49	198	97	2.4	17.8	41.5	2.0	4.4	1.3	1.3	0.9	18.8
10 Across 8149	5327	124	49	199	93	1.8	21.1	41.8	2.5	4.5	1.3	1.0	0.9	24.0
7 Poza Rica 8149	5071	119	50	168	78	1.2	23.3	41.0	2.5	4.5	1.5	1.5	1.0	27.0
5 Ilonga 8032	4895	114	52	215	104	1.8	16.2	42.3	1.5	1.6	1.8	1.3	0.9	21.9
12 Los Diamantes 7823RE	4879	114	51	222	110	3.6	16.5	41.8	2.0	5.1	1.8	1.5	1.0	24.9
9 Rattray-Arnld(1)8149	4799	112	49	175	83	0.7	17.7	40.3	2.0	4.2	1.5	1.3	0.9	24.7
11 Pirsabak (1) 7930 RE	4759	111	46	207	98	1.8	19.7	41.8	2.5	10.4	1.3	1.5	1.1	23.9
4 Poza Rica 8130	4666	109	49	218	105	0.6	10.8	42.0	1.5	2.7	1.8	1.3	0.9	20.4
2 Comayagua 8130	4665	109	46	204	103	3.0	13.7	42.5	1.8	5.3	1.8	1.5	0.9	18.3
1 CIAT 8130	4454	104	48	213	109	2.3	13.4	41.3	1.8	3.2	1.5	1.3	1.0	22.3
3 Comayagua (1) 8130	4439	104	47	205	104	2.4	12.0	40.5	1.3	1.3	1.8	1.3	0.9	21.9
6 Across 8032	3992	93	52	220	103	3.6	19.1	42.3	2.3	0.7	2.0	1.8	0.9	25.3
MEANS	4785	112	49	204	99	2.1	16.8	41.6	2.0	4.0	1.6	1.4	0.9	22.8
MAXIMUM	5475	128	52	222	110	3.6	23.3	42.5	2.5	10.4	2.0	1.8	1.1	27.0
MINIMUM	3992	93	46	168	78	0.6	10.8	40.3	1.3	0.7	1.3	1.0	0.9	18.3
CHECKS (TESTIGOS):														
14 PHIL. DHR COMP. 2	4279	-	49	229	115	7.4	13.4	38.3	1.5	3.2	1.8	1.8	1.0	24.1
13 TINIGIB	4138	-	44	240	124	4.1	14.7	37.5	1.8	2.8	1.8	1.5	1.0	27.1
CHECK MEANS	4208	-	46	234	119	5.7	14.0	37.9	1.6	3.0	1.8	1.6	1.0	25.6
5% LSD	1028.2		1.2	24.2	14.0			3.3						7.0
C.V.	15.3		1.7	8.1	9.6			5.7						21.0

TABLE: 317-V-83

EVT 15A YEAR 1983 VIETNAM SONG-BOI (2)

CO-OPERATOR:VU NGOC LUOC

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	Sheath spot %	%EAR ROT	HELM MAYD	PLANTS HARV	PLANT ASPECT	EARS/ PLNT	MOIST %
7 Los Banos 8140	4520	115	70	198	97	20.4	7.1	3.0	41.5	2.8	0.9	31.4
5 San Jeronimo (1) 814	4512	115	70	194	99	30.1	3.9	2.5	40.3	3.0	1.0	31.5
8 Across 8140	4211	108	69	198	103	25.7	6.5	3.0	38.0	3.3	0.9	30.3
4 San Jeronimo 8140	4207	107	70	187	95	22.7	11.3	3.0	40.3	3.0	0.9	29.9
6 Poza Rica 8140	4063	104	69	197	99	28.9	9.1	2.8	39.0	3.0	0.9	32.0
9 Across 7940 RE	4023	103	70	175	97	22.8	12.7	3.0	39.3	3.0	0.9	31.4
3 Across 8039	3796	97	69	194	101	29.3	7.2	2.8	38.3	3.0	0.9	27.6
10 Across 7726 NRE	3713	95	70	187	92	24.6	11.9	2.5	40.5	2.8	0.9	28.9
1 San Jeronimo 8039	3489	89	68	178	90	31.8	10.9	2.8	39.0	2.5	1.0	27.5
2 Pichilingue 8039	3093	79	68	189	98	28.4	13.6	3.0	36.8	3.0	0.9	29.3
MEANS	3963	101	69	189	97	26.5	9.4	2.8	39.3	3.0	0.9	30.0
MAXIMUM	4520	115	70	198	103	31.8	13.6	3.0	41.5	3.3	1.0	32.0
MINIMUM	3093	79	68	175	90	20.4	3.9	2.5	36.8	2.8	0.9	27.5
CHECKS (TESTIGOS):												
12 VM1	3914	-	74	203	113	17.2	2.2	2.3	34.3	3.0	1.0	35.0
11 PN 3208	1218	-	76	178	89	31.3	5.4	2.5	9.8	2.5	0.8	31.1
CHECK MEANS	2566	-	75	190	101	24.3	3.8	2.4	22.0	2.8	0.9	33.1
5% LSD	848.2		1.9	21.7	10.9				4.9			3.0
C.V.	15.8		1.9	8.0	7.8				9.3			6.9

TABLE: 318-V-83

EVT158 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 RCT	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	39.8	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	23.5	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	2.4	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	40.6	3.5	20.3	2.9	1.0	19.6
4 Antalaya (1) 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	[illegible].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: 319-V-83

EVT16A YEAR 1983 THAILAND SUWAN

CO-OPERATOR:RICHARD WEDDERBURN

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PUCC POLY	HUSK COVER	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
11 Across 7845 RE	5558	65	47	174	90	45.4	13.2	6.8	4.1	3.0	43.5	3.0	24.6	4.0	24.8
4 Guaira 8045	5089	60	47	178	89	41.5	12.5	5.5	4.6	2.8	44.0	3.0	17.3	4.3	25.4
3 Across 8033	4771	56	46	166	86	36.4	12.5	6.3	4.9	2.5	44.0	3.0	15.3	4.0	23.3
1 Sete Lagoas 8033	4667	55	46	161	79	46.3	10.4	7.3	3.8	3.0	43.0	3.0	22.0	4.0	23.5
12 Across 7748 RE	4545	53	45	174	87	54.8	5.7	6.7	4.9	3.3	43.8	3.3	21.1	4.0	19.5
2 La Molina (1) 8033	4466	52	47	171	84	33.5	12.7	7.3	4.1	2.8	43.3	3.0	22.7	4.0	23.2
8 Pirsabak 8146	4403	52	45	172	83	42.1	9.3	6.1	4.8	2.8	43.3	3.3	14.9	4.0	20.5
5 Capinopolis 8146	3980	47	45	166	82	49.4	2.3	7.3	4.5	3.3	44.0	3.5	31.9	4.0	23.0
10 Across 8146	3975	47	45	160	76	56.8	9.7	7.6	5.0	3.3	44.0	3.8	24.5	4.5	19.9
6 La Molina 8146	3959	46	45	159	79	34.3	5.8	6.0	4.4	3.0	43.0	3.8	26.0	4.0	19.8
9 Coimbatore 8146	3848	45	41	158	74	54.6	8.0	5.8	[illegible]	3.0	43.5	3.0	18.5	4.5	21.1
7 Tlaltizapan 8146	3560	42	44	153	73	61.7	6.3	6.3	[illegible]	3.0	43.8	3.8	28.6	4.8	21.0
MEANS	4402	52	45	166	82	46.4	9.0	6.6	4.5	3.0	43.6	3.3	22.3	4.2	22.1
MAXIMUM	5558	65	47	178	90	61.7	13.2	7.6	5.0	3.3	44.0	3.8	31.9	4.8	25.4
MINIMUM	3560	42	41	153	73	33.5	2.3	5.5	3.8	2.5	43.0	3.0	14.9	4.0	19.5
CHECKS (TESTIGOS):															
13 KS4(S)C1-F1	8546	-	50	212	116	2.9	6.8	2.3	2.5	2.0	43.8	3.0	7.3	2.0	27.2
15 SUWAN 1(S)C9-F3	7975	-	51	204	117	3.4	18.0	2.3	2.5	2.0	42.8	3.0	7.9	2.3	26.4
14 SUWAN 2(S)C6-F4	7053	-	47	194	105	5.8	5.8	2.1	3.3	2.0	43.0	2.0	13.2	3.5	26.8
CHECK MEANS	7858	-	49	202	112	4.0	10.2	2.2	2.8	2.0	43.2	2.7	9.5	2.4	26.8
5% LSD	719.6		1.0	7.2	4.9						1.4				
C.V.	9.9		1.5	2.9	3.9						2.2				

TABLE: 320-V-83

EVT16A YEAR 1983 VIETNAM TO-HIEU

CO-OPERATOR:VU NGOC LUOC

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	HUSK COVER	HELM TURC	PLANTS HARV	EAR ASPCT	INSECT DAMAGE	PLANT ASPECT	MOIST %
4 Guaira 8045	7627	79	53	206	93	0.0	0.0	2.3	3.0	1.0	40.0	2.0	1.3	1.0	31.5
2 La Molina (1) 8033	7470	78	50	211	96	0.7	0.0	3.1	2.0	1.0	39.3	4.0	1.3	1.3	30.3
11 Across 7845 RE	7461	78	52	222	104	0.0	0.0	0.0	2.0	1.0	41.5	2.5	1.3	1.0	30.5
12 Across 7748 RE	7436	77	49	262	147	1.3	0.6	3.0	4.0	1.5	39.8	4.0	1.0	1.3	24.2
1 Sete Lagoas 8033	6668	69	51	201	90	0.0	0.0	2.0	3.0	1.0	39.0	3.0	1.0	1.5	29.9
3 Across 8033	5961	62	51	224	106	0.6	0.6	0.0	3.0	1.0	40.5	4.0	1.0	1.0	33.1
8 Pirsabak 8146	5876	61	47	218	100	0.0	1.2	0.0	2.5	1.5	39.8	4.0	1.3	1.3	26.7
6 La Molina 8146	5769	60	48	203	93	0.0	0.0	3.6	2.0	1.5	41.0	5.0	1.0	1.3	26.7
9 Coimbatore 8146	5461	57	47	192	82	0.0	1.8	1.2	2.0	1.0	41.5	4.0	1.0	1.3	23.7
7 Tlaltizapan 8146	5271	55	47	245	139	0.0	0.0	0.0	3.0	1.5	37.8	3.0	1.0	1.3	24.7
5 Capinopolis 8146	5087	53	48	215	93	1.8	0.0	3.2	4.0	1.0	39.8	3.0	1.5	1.3	27.5
10 Across 8146	5029	52	47	194	89	2.0	0.0	1.3	3.8	1.0	38.3	3.5	1.3	1.3	24.9
MEANS	6260	65	49	216	102	0.5	0.4	1.6	2.9	1.2	39.8	3.5	1.1	1.2	27.8
MAXIMUM	7627	79	53	262	147	2.0	1.8	3.6	4.0	1.5	41.5	5.0	1.5	1.5	33.1
MINIMUM	5029	52	47	192	82	0.0	0.0	0.0	2.0	1.0	37.8	2.0	1.0	1.0	23.7
CHECKS (TESTIGOS):															
13 HSB1	9616	-	55	228	115	0.6	1.3	0.6	2.8	1.5	39.3	3.0	1.0	1.0	33.1
14 SBK2	8404	-	57	206	102	0.0	0.0	2.6	2.3	1.0	37.8	3.0	1.0	1.0	32.6
15 TSB2	6047	-	53	224	118	0.0	0.0	1.9	3.0	1.0	35.8	2.0	1.0	1.3	31.5
CHECK MEANS	8022	-	54	219	111	0.2	0.4	1.7	2.7	1.2	37.6	2.7	1.0	1.1	32.4
5% LSD	909.4		2.6	29.8	27.6						3.1				
C.V.	9.6		3.6	9.6	18.6						5.4				

TABLE: 321-V-83

EVT16B YEAR 1983 THAILAND SUWAN

CO-OPERATOR: RICHARD WEDDERBURN

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR RCT	PUCC POLY	HUSK COVER	PLANTS HARV	EAR ASPCT	%BAD H.C.	PLANT ASPECT	MOIST %
1 San Jeronimo 8134	6022	71	49	186	96	31.7	7.5	5.8	3.8	2.0	42.8	2.8	15.2	3.5	27.3
3 Tlaltizapan 8134	5469	65	49	183	96	46.9	14.5	3.6	4.4	2.0	43.5	2.5	10.0	3.8	27.2
4 Shaka (1) 8134	5469	65	49	195	102	30.3	6.3	4.2	4.5	2.0	43.8	2.5	10.1	3.8	27.1
5 Nazareth 8134	5442	64	50	175	96	37.1	4.0	4.2	4.5	2.3	43.8	3.0	14.0	3.8	26.7
8 Across 7844 RE	5425	64	52	195	110	31.7	9.8	2.5	3.8	2.0	43.5	2.5	9.7	3.3	28.8
2 San jeronimo (1)8134	5130	61	49	183	100	34.5	9.8	5.6	4.3	2.3	43.5	3.0	11.8	3.8	28.3
7 Across 7734 RE	5074	60	50	192	103	55.1	3.4	4.6	4.5	2.5	44.0	3.0	12.2	4.0	27.7
6 Celaya 8047	4368	58	47	168	84	49.7	8.5	5.5	4.1	2.0	43.8	3.0	24.7	3.8	25.8
MEANS	5362	64	49	185	98	39.6	8.0	4.5	4.2	2.1	43.6	2.8	13.5	3.7	27.4
MAXIMUM	6022	71	52	195	110	55.1	14.5	5.8	4.5	2.5	44.0	3.0	24.7	4.0	28.8
MINIMUM	4368	58	47	168	84	30.3	3.4	2.5	3.8	2.0	42.8	2.5	9.7	3.3	25.8
CHECKS (TESTIGOS):															
9 SUWAN 1(S) C9-F3	8442	-	50	211	117	2.9	8.5	2.2	2.3	2.0	43.8	3.0	8.6	2.0	27.5
10 SUWAN 1(S) C4 WHITE	5772	-	52	194	117	8.1	5.2	2.8	3.0	2.0	43.3	3.0	4.4	2.5	25.1
CHECK MEANS	7107	-	50	202	117	5.5	6.9	2.5	2.6	2.0	43.5	3.0	6.5	2.3	26.3
5% LSD	803.5		2.8	11.0	6.6						1.1				
C.V.	9.8		3.9	4.0	4.5						1.8				

TABLE: 152-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	71	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	6306	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: 153- EV-83

EVT18A YEAR 1983 BRAZIL PARANA

CO-OPERATOR:OCEPAR

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	EARS HARV
10 Across 7728 RE	4751	136	245	135	50.3
6 Pichilingue 7928	4651	134	243	130	49.8
3 La Maquina 8022	4462	128	253	135	45.3
1 Across 7921	4437	127	243	135	43.5
8 Across 7936	4424	127	230	128	50.8
4 Poza Rica 8024	4349	125	246	130	49.5
5 Suwan 8027	4286	123	230	115	51.3
7 Across 7929	4261	122	243	123	46.5
11 Across 7729 RE	4098	118	238	120	43.3
2 Guaymas (1) 8022	3984	114	240	128	40.8
9 Across 8043	3922	113	253	145	39.0
MEANS	4330	124	242	129	46.3
MAXIMUM	4751	136	253	145	51.3
MINIMUM	3922	113	230	115	39.0
CHECKS (TESTIGOS):					
13 OCEPAR 300	3482	-	208	103	34.3
12 OCEPAR 202	2966	-	245	138	29.0
CHECK MEANS	3224	-	226	120	31.6
5% LSD	1057.6		21.1	21.1	
C.V.	17.7		6.1	11.5	

TABLE: 154-EV-B3

EVT18B YEAR 1983 PHILIPPINES BAYBAY

CO-OPERATOR:DR. K. K. SINGH, N.C. BELONIAS

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	STEM LODG	ROOT LODG	%EAR ROT	HELM MAYD	PLANTS HARV	EAR ASPCT	%BAD H.C.	EAR BORER	PLANT ASPECT	MOIST %
1 Across 8023	1550	159	53	174	99	15.8	4.1	11.3	2.3	39.5	3.3	13.8	2.8	2.5	22.6
2 Across 7926	1546	159	51	162	91	41.7	13.9	9.1	2.5	36.8	3.5	18.0	2.5	3.3	22.1
3 Ilonga (1) 7930	1269	130	50	176	94	8.1	1.8	8.1	2.8	40.8	3.5	12.9	2.8	3.0	19.4
8 Across 7726 RE	1197	123	52	176	99	21.3	9.6	11.4	3.0	36.0	3.3	14.5	3.0	2.8	19.7
6 Poza Rica 8032	1175	121	53	162	91	29.1	19.7	7.6	2.8	36.3	3.5	7.0	3.3	2.5	25.9
4 Across 7930	1131	116	50	170	96	18.4	9.3	8.5	3.3	39.5	3.8	20.4	3.3	3.3	18.7
7 Poza Rica 8035	968	99	52	161	82	21.9	13.6	9.1	2.8	35.5	3.5	12.4	3.0	3.5	24.2
9 Pirsabak (1) 7930 RE	772	79	51	161	88	38.2	24.6	16.4	2.8	36.8	3.8	12.2	3.3	3.8	23.6
5 Sete Lagoas 7931	720	74	51	165	88	17.4	29.2	11.1	2.8	35.8	3.8	18.7	3.5	3.3	26.8
MEANS	1148	118	51	167	92	23.5	14.5	10.3	2.8	37.4	3.5	14.4	3.0	3.1	22.6
MAXIMUM	1550	159	53	176	99	41.7	29.2	16.4	3.3	40.8	3.8	20.4	3.5	3.8	26.8
MINIMUM	720	74	50	161	82	8.1	1.8	7.6	2.3	35.5	3.3	7.0	2.5	2.5	18.7
CHECKS (TESTIGOS):															
11 PHIL. DMR COMP. 2	973	-	53	174	96	26.0	11.3	8.8	2.5	32.0	3.8	6.6	3.8	3.9	21.8
10 TINIGIB	802	-	60	132	51	10.4	2.8	5.7	2.5	36.8	2.8	4.8	3.0	3.8	26.1
CHECK MEANS	888	-	56	153	73	18.2	7.1	7.3	2.5	34.4	3.3	5.7	3.4	3.8	24.0
5% LSD	845.7		1.8	14.0	9.0					7.0					
C.V.	53.2		2.3	5.9	7.1					13.2					

TABLE: 155-EV-83

EVT188 YEAR 1983 PHILIPPINES ILAGAN(3)

CO-OPERATOR:ANICIA C. FERNANDEZ I.E.S.

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	DAYS SILK	PLNT HT	EAR HT	PLANTS HARV	EARS/ PLNT	MOIST %
8 Across 7726 RE	6907	88	57	202	106	40.3	1.0	11.8
6 Poza Rica 8032	6795	86	59	197	93	40.8	1.0	16.4
1 Across 8023	6336	81	57	197	93	40.5	1.0	14.6
7 Poza Rica 8035	6114	78	57	186	80	41.3	1.0	13.0
2 Across 7926	6029	77	56	196	83	41.5	1.0	12.9
9 Pirsabak (1) 7930 RE	5676	72	49	195	93	41.3	1.0	11.6
4 Across 7930	5385	68	49	176	83	40.5	1.0	12.7
5 Sete Lagoas 7931	5155	66	49	188	85	40.8	1.0	11.2
3 Ilonga (1) 7930	5143	65	49	181	72	41.5	1.0	13.1
MEANS	5949	76	53	191	87	40.9	1.0	13.0
MAXIMUM	6907	88	59	202	106	41.5	1.0	16.4
MINIMUM	5143	65	49	176	72	40.3	1.0	11.2
CHECKS (TESTIGOS):								
11 PIONEER 6181	7862	-	59	192	93	40.8	1.0	11.0
10 IPB VAR 1 (C6)	6648	-	57	202	107	42.0	1.1	16.1
CHECK MEANS	7255	-	57	196	99	41.4	1.1	13.5
5% LSD	722.9		1.3	14.7	16.0	2.1		3.1
C.V.	8.1		1.6	5.3	12.3	3.5		16.6

TABLE: 156-EV-83

EVT20 YEAR 1983 BRAZIL CASCAVEL

CO-OPERATOR:OCEPAR

ENTRY NO./PEDIGREE	KG/HA	%BEST CHECK	PLNT HT	EAR HT	EARS HARV
3 Antalya 8045	4336	123	211	108	49.0
2 Across 7934	4186	119	225	115	48.5
7 Across 8047	4173	119	230	113	45.5
4 Across 8045	4072	116	210	100	50.5
6 Gemiza 8047	4010	114	215	120	46.5
10 Across 7734 RE	3602	108	225	120	46.0
1 Yousa'wala 8033	3343	95	200	103	44.8
5 tlal[illegible]zapan 8046	3306	94	191	95	54.3
11 Across 7748 RE	3306	94	210	108	46.5
9 Across 7948	3281	93	194	85	47.5
8 Quilamapu 7948	3205	91	193	90	43.8
MEANS	3729	106	209	105	47.5
MAXIMUM	4336	123	230	120	54.3
MINIMUM	3205	91	191	85	43.8
CHECKS (TESTIGOS):					
12 OCEPAR 202	3519	-	265	140	31.5
13 OCEPAR 300	3318	-	219	110	33.0
CHECK MEANS	3419	-	241	125	32.3
5% LSD	644.5		20.1	15.4	
C.V.	12.2		6.5	9.9	

TABLE: 157-EV-83

EVT20 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	PLANTS HARV	EARS/ PLNT	MOIST %
2 Across 7934	3822	97	74	156	81	3.7	1.0	2.1	48.0	1.0	24.2
10 Across 7734 RE	3523	90	75	165	88	4.2	1.7	6.0	44.0	0.9	18.5
6 Gemina 8047	3233	82	73	146	75	2.7	0.0	6.1	45.8	0.9	22.1
3 Antalya 8045	3226	82	71	143	70	[illegible]	3.8	2.1	46.3	1.0	22.5
7 Across 8047	3177	81	71	144	68	[illegible]	1.1	5.7	46.3	0.9	22.7
4 Across 8045	3001	76	69	136	69	2.7	1.0	6.3	46.5	0.9	21.6
1 Youssfania 8033	2446	62	66	129	71	1.3	0.0	7.7	46.3	0.9	20.3
11 Across 7748 RE	2193	56	70	140	69	10.2	0.0	33.8	44.0	0.7	23.0
8 Quilamapu 7948	2025	52	68	141	64	17.6	0.0	44.8	40.3	0.7	21.8
9 Across 7948	2018	51	67	131	56	13.2	0.0	35.6	42.5	0.8	21.1
5 tlaltizapan 8046	1510	38	68	109	51	7.9	0.0	20.5	46.0	0.8	19.1
MEANS	2743	70	70	140	69	6.2	0.8	15.5	45.1	0.9	21.5
MAXIMUM	3822	97	75	165	88	17.6	3.8	44.8	48.0	1.0	24.2
MINIMUM	1510	38	66	109	51	0.5	0.[illegible]	2.1	40.3	0.7	18.5
CHECKS (TESTIGOS):											
13 OCEPAR 300	3927	-	85	180	94	0.7	1.4	0.7	39.3	1.0	26.3
12 OCEPAR 202	3324	-	85	180	105	1.8	1.3	0.7	34.5	1.0	22.5
CHECK MEANS	3626	-	85	180	99	1.2	1.3	0.7	36.9	1.0	24.4
5% LSD	445.4		6.1	14.9	14.9				6.0		1.8
C.V.	10.8		5.9	7.1	14.0				9.5		5.8