

**RESULTADOS**  
**DEL 1<sup>er</sup> VIVERO**  
**DE LINEAS**  
**AVANZADAS**  
**DEL CONO SUR**  
**(L.A.C.O.S.)**



PROGRAMA TRIGO INIA – CIMMYT



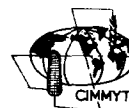
INSTITUTO DE INVESTIGACIONES AGROPECUARIAS

CENTRO INTERNACIONAL DE MEJORAMIENTO DE MAIZ Y TRIGO

CHILE 1983

PROGRAMA COOPERATIVO DE INVESTIGACION BID - IICA - CONO SUR

RESULTADOS DEL PRIMER  
VIVERO DE LINEAS AVANZADAS  
DEL CONO SUR (LACOS)  
1981-1982



PROGRAMA TRIGO INIA - CIMMYT  
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CENTRO INTERNACIONAL DE MEJORAMIENTO DE MAIZ Y TRIGO  
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GLOSARIO DE LOS NOMBRES DE LAS VARIABLES USADOS EN LAS TABLAS  
 LISTAGEM DOS NOMES DAS VARIÁVEIS UTILIZADAS NAS TABELAS  
 GLOSSARY OF VARIABLE NAMES USED IN THE TABLES

TABLA ABREVIATURA	NOMBRE DE LA VARIABLE	NOME DA VARIÁVEL	VARIABLE NAME
ALT. PLNT.	Altura de la planta (cm.)	Altura da planta (cm.)	Plant height (cm.)
APAR. GRANO	Apariencia del grano	Tipo de grão	Kernel appearance
DIAS FLORC.	Días a floración	Dias a floracão	Number of days to flower
FUSAR %	Porcentage de Fusariosis	Porcentagem de Giberela	Scab percent
HOJA SECA	Hoja seca (0-9)	Secado da folha (0-9)	Leaf fire (0-9)
OIDIO %	Porcentage de mildiu polvo- riento	Porcentagem de oidio	Powdery mildew percent
ROYA ESTR. (H) (P.str.)	Roya estriada (hoja)	Ferrugem da gluma (folha)	Stripe rust (leaf)
ROYA ESTR. (E) (P.str.)	Roya estriada (espiga)	Ferrugem da gluma (espiga)	Stripe rust (head)
ROYA HOJA (P.rec.)	Roya de la hoja	Ferrugem da folha	Leaf rust
ROYA TALLO (P.gr.)	Roya del tallo	Ferrugem do colmo	Stem rust
SEPT. SPP.	Septoria spp. (0-9)	Septoria spp. (0-9)	Septoria spp. (0-9)
SELEC. LINEA	Selección de líneas	Seleccão da linhagens	Visual selection

## RESULTADOS DEL 1er VIVERO DE LINEAS AVANZADAS DEL CONO SUR (LACOS) 1981-82

De acuerdo con la decisión tomada en la primera reunión de fitomejoradores, organizada por el Proyecto TRIGO del Programa Cooperativo de Investigación IICA-Cono Sur/BID, en Passo Fundo, Brasil (octubre de 1980), se encargó al programa de trigo INIA/CIMMYT de Chile, la responsabilidad de organizar y distribuir el LACOS (Vivero de Líneas Avanzadas del Cono Sur). Para obtener una buena homogeneidad en la semilla del vivero y en consideración a las pequeñas cantidades disponibles, la multiplicación de las líneas estuvo a cargo de la Estación Experimental La Platina del INIA, Chile. Sólo en el caso del 1er vivero LACOS, la semilla a distribuir fue enviada en su totalidad directamente por cada uno de los cooperadores.

El 1er LACOS fue distribuido en abril de 1981 para ser sembrado en la temporada de 1981/82. Se enviaron treinta viveros a cooperadores de once países. Las 242 líneas del 1er LACOS representaban el mejor material avanzado de los siguientes países: Argentina (54), Bolivia (40), Brasil (57), Chile (60), y Uruguay (31). Debido a problemas de insuficiente cantidad de semilla, Paraguay decidió participar solamente a partir del segundo año.

Toda la semilla distribuida en este primer vivero fue tratada con fungicidas en su lugar de origen o en Santiago antes de ser enviada.

Los libros de campo explicando los objetivos del LACOS, e incluyendo instrucciones generales para su manejo, la identificación de cada línea y su lugar de origen, se enviaron junto con cada vivero. De cada línea se envió suficiente semilla para sembrar un surco de dos metros de largo. El formato del libro fue diseñado de manera que se pueda reportar la máxima información sobre enfermedades en cada localidad; se proveyó espacio suficiente para otras informaciones adicionales y para indicar las líneas que se seleccionasen en cada localidad.

Hasta diciembre de 1982, sólo 17 cooperadores respondieron con el envío de los resultados del 1er LACOS. En la mayoría de los casos, la información para un determinado carácter fue tomada para todas las líneas. En otros casos la información fue enviada en forma parcial. No se consideró para el resumen general todos aquellos caracteres que fueron informados: a) con nota cero para

todas las líneas; b) lugares en los que una enfermedad tuvo muy baja severidad con diferencias muy poco significativas entre las líneas; y c) aquellas informaciones donde no se indicaba el tipo de escala de medición. Para todas las tablas, la sigla "NOBS" significa el número de observaciones (lugares) sobre el carácter indicado.

Algunas localidades enviaron datos de rendimiento (peso/parcela) en forma parcial. Considerando que este dato no se tenía para todas las líneas y provenía de una parcela pequeña, sin repeticiones (1 surco de 2 m.), se consideró preferible no incluir este dato en el resumen. Por otra parte, la indicación de las mejores líneas seleccionadas en cada lugar se consideró como un buen índice de líneas con amplia adaptación. Aquellas líneas con un coeficiente de 0.5 (es decir, seleccionadas en tres localidades de seis que enviaron este dato) o mayor, están señaladas en la Tabla respectiva.

Resultados - Los resultados fueron analizados con la cooperación del programa de Computación del CIMMYT, México. Están organizadas en tres tipos de tablas: Primero, una tabla con el resumen general sobre cooperadores, localidades, y caracteres sobre los cuales se recibió información.

Segundo, una tabla general de promedios para cada línea y cada carácter informado; sobre cada columna de promedios está indicado el número de observaciones que se tomaron para calcular dicho promedio.

Tercero, un grupo de tablas que incluyen las mejores líneas seleccionadas para cada característica. En general, para todos los casos se tabularon aproximadamente un 20% del total de líneas representadas en el vivero.

Las notas de royas tomadas usando la escala modificada de Cobbs fueron transformadas a coeficiente promedio de infección (CPI) con la metodología empleada corrientemente en estos datos y tal como es reportada anualmente en los viveros internacionales de royas (ISWRN) del U.S.D.A.

Envío de Resultados - Para obtener un mejor provecho de los resultados hay tres tipos de apoyo que los cooperadores pueden proporcionar.

En primer lugar, es necesario que haya una caracterización preliminar de la localidad donde se siembre el vivero. Para esto es preciso indicar en el formulario sobre notas generales, colocado al comienzo de cada libro, informaciones cla-

ras y precisas sobre manejo del vivero, condiciones ambientales durante la temporada, desarrollo de las enfermedades, tipo de escalas empleadas al tomar las notas para cada carácter, etc.

En segundo lugar, enviar los resultados rápidamente, apenas hayan sido completados para cada lugar.

Tercero, agregar cualquiera información u observación que fuese pertinente para un mejor análisis de los resultados o que sea importante para incluirlas en el resumen.

### SUMMARY

The Southern Cone Wheat Advanced Lines Nursery (LACOS), is organized by the Cooperative Research Project IICA-Cono Sur/BID and coordinated by Wheat Program INIA/CIMMYT, Chile. The seed of first LACOS was shipped out in April 1981 to cooperators of eleven countries. A total of 242 entries from Argentina (54), Bolivia (40), Brazil (57), Chile (60), and Uruguay (31) represented the most advanced lines of these wheat research programs.

The 1st LACOS was planted in a single observation row of two meters and all pertinent agronomic and disease notes were taken in a field book provided in duplicate with each nursery.

Results obtained from 17 cooperators are summarized in this report. Tables are arranged according to a) Cooperators returning results and characters reported; b) Summary of over all mean for each character. NOBS represents number of observations for a particular character used to draw the mean value; and c) selected lines (approx. 20 percent) with excellent performance for a particular character. The rust notes were transformed into average coefficient of infection.

Cooperators can increase efficiency of this nursery by giving all general information pertaining to the test under their conditions and returning the results promptly for analysis.





TABLA 1  
 INFORME PRELIMINAR/TABLA GENERAL

FECHA: 2/14/83

EN ORDEN DE ENTRADA

1er VIVERO DE OBSERVACION  
 SUMARIO PARA LACOS  
 PROMEDIOS DE 17 LOCALIDADES

LOCALIDAD	CONTINENTE	PAIS	AREA	VARIABLES INCLUIDAS
13	AFRICA	KENYA	RIFT VALLEY	5 8
154	SUD AMERICA	ARGENTINA	BUENOS AIRES	7 8 17 36 50
155	SUD AMERICA	ARGENTINA	CORDOBA	7 8 17
158	SUD AMERICA	BOLIVIA	COCHABAMBA	5 17 50
161	SUD AMERICA	BRAZIL	RIO GRANDE DO SUL	7 14 46
162	SUD AMERICA	BRAZIL	RIO GRANDE DO SUL	9 14
163	SUD AMERICA	BRAZIL	SAO PAULO	7 8 9 14 50
165	SUD AMERICA	CHILE	CAUTIN	5
166	SUD AMERICA	CHILE	CHILLAN, NUBLE	5 7
168	SUD AMERICA	CHILE	SANTIAGO	3 5 7 9 22 50
169	SUD AMERICA	ECUADOR	QUITO, PICHINCHA	3 5 6
173	SUD AMERICA	URUGUAY	COLONIA	7 8 36
290	SUD AMERICA	ARGENTINA	BUENOS AIRES	9
291	SUD AMERICA	ARGENTINA	ENTRE RIOS	7 8
350	SUD AMERICA	PARAGUAY	CACUPE	7 8 14
516	SUD AMERICA	BRAZIL	DOURADOS, MS	8 50
517	SUD AMERICA	URUGUAY	SALTO	7 8 50

\*IDENTIFICACION DE VARIABLES

3 DIAS A FLORAC.	5 ROYA ESTR.(H)	6 ROYA ESTR.(E)	7 ROYA HOJA	8 ROYA TALLO
9 ALTURA PLANTA	14 % OIDIO	17 SEPT. SPP.	22 HOJA SECA	36 % FUSAR.
46 APAR. GRANO	50 LINEA SELEC.			

NM NOTA MAXIMA

TABLA 2  
INFORME PRELIMINAR/TABLA GENERAL

FECHA: 2/14/83

EN ORDEN DE ENTRADA

1er LACOS - 1981  
SUMARIO DE NOTAS  
PROMEDIO DE 17 LOCALIDADES

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	DIAS FLORC.	ROYA ESTR. (H)	ROYA ESTR. (E)	ROYA HOJA	ROYA TALLO	ALTURA PLANTA	% OIDIO	
				NOBS:	( 2)	( 6)	( 1)	( 10)	( 9)	( 4)	( 4)
1	B. PUAN/SON 64 X SKE- LR 64A "B" B 819-F7-7505-3/74			106.0	12.4	20.0	4.9	24.0	91.3	36.8	
2	B. 284-F8-6P. 11252-513/63 X B. PUAN B 833-F10-7101-1/77			111.5	11.6	0.0	2.0	35.0	97.5	42.0	
3	SON 64-KTT2 X D. ARTILLERO-DICKINSON L10 B 853-F9-7116-1/77			107.5	27.0	10.0	4.6	0.3	98.8	49.3	
4	ONCATIVO INTA X D. ARTILLERO-DICKINSON L10 B 864-F8-7287-2/76			122.0	14.5	0.0	0.2	12.6	105.0	23.8	
5	KL. PET-RAF X TOB "B" (SD 648.5-8156 R/ TZPP-KTT2 X P 4160) H 1599-OT-1BV-1BV-1BV			-----	32.5	0.0	0.5	0.5	101.7	47.3	
6	BLE TENDRE-7C X RON CM 16418-D-1BV-1BV-1BV-OBV			119.0	30.4	-----	3.0	5.4	85.0	11.0	
7	B. PUAN/SON 64 X SKE- LR 64A "S" B 819-F7-7505-1/74			108.5	22.5	10.0	2.6	3.2	98.8	36.5	
8	SOREN-NAI 60 X KL. FORTIN MJ 1411-OJ-2BV-2BV-1BV-2BV			115.0	8.8	0.0	0.3	4.4	91.7	27.3	
9	CHASICO INTA			113.5	16.0	0.0	0.0	38.8	87.5	39.5	
10	MQ41-M. JUAREZ INTA BAL 16-1B-4B-OB			105.5	5.8	1.0	7.1	1.7	85.0	47.3	
11	PV18A-CND 67 X JAR "B" CM 21692-1B-4B-1B-3B-OB			96.0	14.4	20.0	13.3	1.3	78.8	52.8	
12	JAR "S" - CC "S" MJ 756-4B-2B-OB			97.5	21.1	10.0	9.6	5.7	80.5	39.3	
13	JAR "S" - CC "S" MJ 756-4B-2B-2B-OB			99.0	21.1	20.0	27.7	3.6	81.3	37.3	
14	B. MAN X CND-7C CM 4077-1B-8B-OB			89.0	38.6	80.0	10.1	6.9	67.5	59.0	
15	JAR "S" - CT 244 BAL 7-13B-OB			104.5	24.6	20.0	22.6	23.4	90.0	51.3	
16	NURI-ND 66 CM 4600-2B-3B-4B-2B-OB			119.0	24.8	0.0	17.7	1.8	80.0	55.0	
17	KZM M12-CALDEN "S" MJ 1297-19B-2B-1B-1B-OB			102.0	10.4	30.0	31.5	13.6	77.5	61.3	
18	JAR "S"-CT 244 BAL 7-12B-3B-1B-2B-3B-OB			109.0	3.1	0.0	5.1	9.3	73.8	53.3	
19	TOB-CND/CND-7C X CC-TOB CM 6429-2B-1B-1B-4B-2B-OB			102.0	9.7	20.0	27.5	1.0	78.8	71.8	
20	CC X CND-SON 64/ND66-CND X SOREN H 2101-1P-5B-1P-1P-OP			102.5	7.0	50.0	12.5	4.1	83.8	74.5	
21	JAR "S"-CHR X CND 64 H 2138-12P-1B-2P-1P-OP			90.0	24.5	30.0	25.4	5.5	77.5	58.5	
22	JAR "S"-CHR X CC-JAR 66 H 2139-1P-4B-2P-1P-OP			94.5	24.4	80.0	21.7	5.9	76.3	53.5	
23	ARIANA66 X CND "S"-JAR 66 H 2118-10P-1B-1P-1P-OP			99.0	23.2	60.0	12.7	4.7	85.0	66.8	
24	CC-JAR 66 X TOPO "S"-NAR 59 H 2172-15P-1B-2P-1P-OP			104.5	12.0	15.0	5.1	4.0	83.8	57.8	
25	CHEQ 285-DESC A-20-10P-2B-3B-1P-OP			96.0	19.0	40.0	24.0	3.5	93.8	61.3	
26	JAR "S"-MJ "S" X NDB1-JAR "S" A 79-2P-2B-2B-1P-OP			104.5	29.4	50.0	25.3	5.4	86.3	23.3	

## TABLA 2

FECHA: 2/14/83

## INFORME PRELIMINAR/TABLA GENERAL

EN ORDEN DE ENTRADA

1er LACOS 1981  
 SUMARIO DE NOTAS  
 PROMEDIO DE 17 LOCALIDADES

VAR.	SEPT. SPP.	HOJA SECA	% FUSAR.	APAR. GRANO	SELEC. LINEAS
	( 3 )	( 1 )	( 2 )	( 1 )	( 6 )
1	18.3	----	16.5	----	0.0
2	26.0	----	11.0	----	0.0
3	22.3	----	47.0	100.0	0.0
4	14.7	----	30.5	100.0	0.3
5	14.7	----	29.0	100.0	0.0
6	25.7	----	5.5	75.0	0.0
7	22.3	----	23.5	100.0	0.0
8	22.3	70.0	23.5	----	0.0
9	18.3	----	34.5	----	0.0
10	22.3	----	25.0	----	0.0
11	44.7	----	53.0	----	0.3
12	33.3	----	71.0	----	0.0
13	25.7	----	58.5	----	0.2
14	33.3	----	50.0	----	0.2
15	33.3	----	40.5	----	0.0
16	33.3	----	59.5	100.0	0.2
17	41.0	50.0	69.5	----	0.2
18	33.3	50.0	40.5	----	0.0
19	37.3	50.0	87.5	----	0.3
20	25.7	50.0	40.5	----	0.7
21	25.7	----	28.0	----	0.3
22	33.3	80.0	40.5	----	0.3
23	26.0	----	22.0	----	0.2
24	29.7	----	34.5	----	0.2
25	40.7	----	47.0	----	0.0
26	33.3	----	22.0	100.0	0.3

TABLA 2

FECHA: 2/14/83

VAR N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	DIAS FLORC.	ROYA ESTR. (H)	ROYA ESTR. (E)	ROYA HOJA	ROYA TALLO	ALTURA PLANTA	% OÍDIO
			NOBB:	( 2)	( 6)	( 1)	( 10)	( 9)	( 4)	( 4)
27	(SON 64-SKE X LR 64A/MJ"S")JAR"S"-MJ"S" A 219-12P-2B-1B-1P-OP			105.0	27.5	60.0	15.1	1.9	83.8	46.5
28	DTE-PTES(SOTY X TZC(3) - SK/PP1) A 1548-13P-1B-2B-1P-OP			104.0	14.2	80.0	0.0	3.8	83.8	71.8
29	(TH(6)-KF X LEE(6)-KF/CAL)ALD"S" SWM 3410-14Y-4M-4Y-3Y-1M-0Y-1P-OP			103.0	15.5	1.0	0.6	3.6	92.5	11.0
30	P68/1482-PP1 2 71-74T-1T-1T-1T			99.0	25.8	30.0	1.6	4.0	75.0	86.8
31	P68 /1482-PP1 2 71-74T-1T-1T-2T			97.5	24.2	20.0	1.3	3.1	75.0	89.5
32	P 68/1482-PP1 2 71-73T-2T-3T-3T			96.0	31.0	40.0	12.0	19.6	78.8	64.7
33	TZPP-P72/618 2 72-1T-1T-2T-2T			96.5	33.4	40.0	10.1	6.3	78.8	63.3
34	TZPP-DTE X M. JUAREZ-P 69/75 9 73-29T-2T-9T-2T			93.5	51.2	90.0	48.3	8.4	78.8	55.8
35	COWBIRD "S" CM 16716-G-3M-2Y-2I-2I-OJ			106.5	28.7	80.0	5.4	0.5	82.5	54.3
36	NAD 63 X BB-INIA CM 7161-9M-1Y-6M-4Y-OJ			107.5	9.7	20.0	3.3	0.3	90.0	18.3
37	SOREN-NAI X PTES MJ 1412-2N-3N-2N-OJ			108.0	16.4	50.0	1.1	0.5	76.3	33.3
38	SON-KTT(2) X JUS-JAR/SOREN MJ 1389-11N-10N-1N-OJ			108.0	18.0	30.0	2.5	0.9	81.3	46.5
39	NIPIODN "S" CM 8972-E-7M-10Y-4M-2Y-1J-1J-6J-OJ			110.0	7.8	1.0	5.9	2.1	86.3	57.3
40	KVZ X CND-PJ62 SWM 1285-2Y-3M-1Y-0M-OJ			102.5	1.0	1.0	0.8	3.6	81.3	10.5
41	KVZ-BDN [(21931-CHP53 X AN/GB56) PJ62]SOTY) CM 33729-A-1M-2Y-1M-3Y-0M-OJ			103.5	0.2	0.0	2.6	4.3	83.8	11.0
42	NS73 - PCI"S" SWM 3386-3M-10Y-3M-1Y-0M-OJ			96.0	8.5	1.0	1.6	3.7	82.5	57.8
43	RAF T26-V. MAR X SOREN MJ 1289-3N-3N-4B-2N-2N-1J-OJ			100.0	48.0	80.0	24.1	7.1	83.8	65.5
44	BOBWHITE "S" CM 33203-K-9M-33Y-1M-500Y-0M-OJ			101.5	9.1	1.0	9.3	6.6	80.0	43.8
45	COWBIRD "S" CM 16716-9-3M-2Y-2J-1J-OJ			108.0	23.5	50.0	3.9	0.3	82.5	43.8
46	TI71-NAD63 CM 18124-12M-1Y-5J-1J-OJ			109.0	7.7	1.0	3.9	2.6	82.5	38.8
47	(NDS1-MAS 5 X SOTY/PTES)SOREN-NAI 60 MJ 1494-1N-1N-4B-2N-OJ			109.0	8.7	10.0	30.3	12.2	81.3	21.0
48	CND-SOTY X EL GAU/SOREN-NAI 60 MJ 1392-2N-2N-1B-4N-OJ			102.0	9.4	5.0	17.7	7.8	83.8	36.5
49	[(JAR-NPD/LR-TZPP X AN)JAR 66] SON 6 -CC X JUS/JAR"S" MJ 1757-7J-1B-1J-4B-OJ			103.0	34.4	60.0	1.3	4.9	85.0	36.0
50	TOB"S"-SOREN II 23003-3J-1B-2J-2B-OJ			93.0	31.4	30.0	1.3	2.9	81.3	42.3
51	JAR"S" X CND"S"-JAR"S" MJ 1702-21J-2B-1J-5B-1J-OJ			100.5	25.6	20.0	35.7	7.0	95.0	55.5
52	[(JAR-NPD/LR-TZPP X AN)JAR]SON 64- CC X JUS/JAR"S" MJ 1744-14J-1B-2J-1B-1J-OJ			122.0	18.0	1.0	13.5	54.0	77.5	65.0
53	T. AEST (RUM)-COG/CC-INIA X CAL CM 30905-FF-2Y-1J-6J-OJ			96.0	17.9	60.0	12.4	14.0	88.8	47.3

TABLA 2

FECHA: 2/14/83

VAR.	SEPT. SPP.	HOJA SECA	% FUSAR.	APAR. GRANO	SELEC. LINEAS
	( 3)	( 1)	( 2)	( 1)	( 6)
27	26.0	-----	40.5	75.0	0.2
28	33.3	-----	18.0	-----	0.2
29	18.3	-----	48.5	75.0	0.5
30	29.7	-----	30.5	-----	0.3
31	22.3	-----	23.5	-----	0.3
32	33.3	-----	40.5	-----	0.3
33	26.0	60.0	23.5	-----	0.2
34	33.3	40.0	57.0	-----	0.0
35	22.0	50.0	23.5	75.0	0.2
36	22.3	-----	18.0	50.0	0.0
37	22.3	40.0	39.0	-----	0.0
38	26.0	40.0	57.0	-----	0.0
39	37.0	-----	71.0	-----	0.0
40	18.3	50.0	34.5	100.0	0.7
41	33.3	50.0	59.5	50.0	0.8
42	22.3	-----	34.5	75.0	0.3
43	29.7	-----	46.0	-----	0.2
44	29.7	-----	29.0	-----	0.2
45	22.3	-----	34.5	-----	0.3
46	14.7	50.0	41.5	100.0	0.5
47	29.7	-----	41.5	-----	0.3
48	29.3	40.0	29.0	-----	0.0
49	37.0	50.0	23.5	-----	0.0
50	40.7	50.0	34.5	-----	0.3
51	33.3	-----	46.0	-----	0.2
52	22.0	-----	23.5	-----	0.0
53	29.7	60.0	40.5	-----	0.2

TABLA 2

FECHA: 2/14/83

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	DIAS FLORC.	ROYA ESTR.(H)	ROYA ESTR.(E)	ROYA HOJA	ROYA TALLO	ALTURA PLANTA	% OIDIC
			NOBS:	( 2 )	( 6 )	( 1 )	( 10 )	( 9 )	( 4 )	( 4 )
54	MARCOS JUAREZ INTA			92.5	22.2	90.0	32.3	5.5	81.3	74.0
55	PAVDN F-76			99.0	8.5	10.0	41.5	6.5	81.3	92.8
56	PAVDN "S"			96.0	8.5	5.0	48.6	4.9	80.0	50.5
57	CHIRDCA "S"			98.0	9.5	1.0	20.0	17.7	81.3	71.8
58	DLLANTA			90.5	1.4	0.0	50.9	5.9	87.5	50.0
59	SAPSUCKER "S"			88.5	16.1	10.0	45.0	13.4	83.8	71.0
60	SAGUAYD			91.0	11.5	1.0	61.7	7.7	80.0	76.8
61	GUIMDRI			88.5	51.5	15.0	58.2	13.3	85.0	74.5
62	CHINDLI			94.0	9.2	1.0	53.7	37.7	92.5	68.5
63	VALLUND			89.0	48.0	0.0	28.3	17.7	82.5	77.3
64	PAVDN "S" CM 8399-D-4M-3Y-1M-1Y-OM			97.0	8.9	5.0	43.8	5.2	81.3	56.3
65	MONCHO "S" CM 8288-A-3M-6Y-3M-1Y-OM			97.5	8.2	1.0	8.4	18.3	82.5	63.5
66	TOLUCA 73-MONCHO "S" CM 35422-10-M-14Y-OM			95.0	6.9	1.0	5.2	9.3	78.8	70.8
67	EMU "S" CM 8399-A-4M-3Y-1M-1Y-OM			98.0	12.7	5.0	36.1	4.3	81.3	58.5
68	TOMHEE "S" CM 34709-0-15M-501Y-OM			101.0	0.5	10.0	14.3	17.3	81.3	55.8
69	TOLUCA 73-MONCHO "S" CM 35422-10M-11Y-OM			97.0	16.0	15.0	20.8	30.2	84.8	61.3
70	NACDZARI 76			96.5	16.7	80.0	42.4	13.2	75.0	71.8
71	MONCHO "S" CM 8288-A-3M-5Y-4M-0Y-1PTZ-0V			96.5	18.8	50.0	0.1	13.0	74.5	66.3
72	NAPD 63-SOTY 33920-4N-2N-1N-1N			91.5	2.0	5.0	47.0	3.3	83.8	77.3
73	PI-GALLO X VCM CM 8305-D-10M-1Y-5M-3Y-OM			92.0	13.8	5.0	28.0	5.2	80.0	61.3
74	BB-GALLO X CARP "S"/PAVDN "S" CM 3348-C-7M-1Y-OM			95.0	11.7	1.0	1.3	11.1	83.0	71.3
75	CHAP-21563 X INRAT 69/DDW"S"15-CR "S" CD 4430-B-2Y-1M-0Y			94.5	0.1	1.0	12.6	4.8	75.0	76.8
76	DDW"S"15-CR"S"			93.0	0.1	1.0	5.8	2.0	73.3	81.8
77	ANHINGA "S"			91.5	7.8	10.0	8.1	0.5	84.8	57.8
78	ATD"S" X AA"S"-PLC"S" CD 1859-1Y-9Y-2M-0Y			101.0	0.1	1.0	1.6	4.3	77.0	60.5
79	SNIFE "S" CM 3414-1Y-3M-0Y			96.0	4.2	5.0	4.7	1.3	65.0	58.3
80	(CFN5-MCA"S" X CR"S"/MARID)JD"S" CD 10162-B-4M-1Y-1M-0Y			96.5	0.1	0.0	13.2	1.9	72.5	52.8
81	CHAP-JD"S" X CR"S" CM 12857-10Y-2M-1Y-0Y			98.0	1.7	1.0	12.8	48.0	76.8	79.0
82	68111-RUGBY X WARD			101.5	4.8	1.0	11.1	0.2	102.5	52.3
83	PCI"S"-RUFF"S" X QTA-D6715 CM 17904-B-3M-1Y			93.0	0.1	0.0	24.0	25.6	71.3	47.8
84	JD"S"-CR"S" X CR"S"-08"S" CM 17274-5L-5L			94.5	0.7	1.0	18.6	23.4	69.5	57.8
85	21564-CR"S" X CAND137/RABI"S"-F0"S" CD 10728-A-3M-1Y-2M-0Y			96.0	0.1	0.0	10.2	11.7	70.8	65.5
86	CHAP-21563 X V 01658/RABI"S"-F0"S" CD 10680-A-1M-1Y-1M-0Y			101.0	0.1	1.0	15.8	2.7	80.0	74.0

TABLA 2

FECHA: 2/14/83

VAR.	SEPT. SPP.	HOJA SECA	% PUSAR.	APAR. GRANO	SELEC. LINEAS
	( 3)	( 1)	( 2)	( 1)	( 4)
54	33.3	-----	34.5	-----	0.3
55	33.3	-----	51.5	-----	0.3
56	29.7	-----	40.5	-----	0.3
57	29.3	-----	51.5	-----	0.2
58	41.0	-----	51.5	-----	0.2
59	33.3	-----	46.0	-----	0.2
60	29.3	40.0	29.0	-----	0.2
61	33.3	-----	46.0	-----	0.2
62	33.3	-----	34.5	-----	0.0
63	29.3	-----	46.0	-----	0.0
64	29.7	-----	64.0	-----	0.2
65	37.0	-----	58.5	-----	0.7
66	29.7	-----	57.0	-----	0.3
67	29.7	-----	51.5	-----	0.5
68	33.3	50.0	23.5	-----	0.8
69	25.7	-----	23.5	-----	0.0
70	29.7	-----	69.5	-----	0.2
71	22.0	-----	40.5	-----	0.5
72	33.3	-----	57.0	-----	0.3
73	29.3	-----	69.5	-----	0.2
74	22.3	-----	51.5	-----	0.5
75	22.0	-----	51.5	-----	0.3
76	18.3	-----	30.5	-----	0.2
77	18.3	-----	59.5	-----	0.2
78	26.0	-----	47.0	-----	0.2
79	14.7	-----	29.0	-----	0.0
80	18.3	-----	75.0	-----	0.2
81	25.7	-----	36.0	-----	0.0
82	18.3	-----	23.5	-----	0.2
83	18.3	-----	75.0	-----	0.2
84	22.3	-----	48.5	-----	0.2
85	18.3	-----	48.5	-----	0.2
86	22.0	-----	50.0	-----	0.2

TABLA 2

FECHA: 2/14/83

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	DIAS FLORC.	ROYA ESTR. (H)	ROYA ESTR. (E)	ROYA HOJA	ROYA TALLO	ALTURA PLANTA	% OÍDIO	
				NOBS:	( 2 )	( 6 )	( 1 )	( 10 )	( 9 )	( 4 )	( 4 )
87	JNK			89.5	0.1	0.0	17.4	0.4	73.0	77.3	
88	IBIS"S"-USA 01548 X AA"S" CD 13510-F-2Y-5M-0Y			92.5	0.9	0.0	2.3	1.3	86.0	45.0	
89	OTA"S" X 21563-AA"S" CM 10143-6M-3Y-1M-2Y-0Y			104.5	0.1	0.0	15.7	16.3	76.3	47.3	
90	D-6811 D 6811-6A-2A			95.0	0.1	1.0	15.8	15.7	75.0	68.5	
91	(CP-ST464 X IBIS/CR"S")(2) 1563-61-130 X LDS			96.0	2.7	1.0	24.4	20.0	72.5	68.5	
92	21563-AA"S" X FQ"S" CD 9799-126M-1M-3Y			95.0	0.1	1.0	3.7	0.6	69.0	45.0	
93	OTA"S"-MEXI"S" CD 771-1Y-2Y-4M-0Y			94.0	3.4	1.0	25.6	2.0	74.3	55.0	
94	[(GFN-OLL"S" X TOTURO/BR"S")TC60] CIT"S" CD 4465-E-11Y-5M-1Y-0M			94.0	9.1	0.0	12.9	25.3	85.0	81.8	
95	CC-INIA X B 20 B 14253-0S-0T-0L-7T-0L			92.0	3.9	30.0	21.1	50.8	106.3	64.0	
96	[(CIA-INIA/CIA X NAD-CHR)CIA-B. MAN] PAT 10 B 14259-0S-0T-0L-3T-0L			94.5	1.6	10.0	14.0	5.1	96.3	53.5	
97	IACS(TP X CIA-ND 66/YR) B 14407-0S-0T-0L-1T-0L			93.5	15.9	20.0	24.9	12.7	93.8	62.8	
98	IACS/IAS20-PATO B X BB-INIA B 14402-0S-0M-102T-0L			96.0	28.7	15.0	12.6	31.3	95.0	65.5	
99	PEL 72380-ATR71 B 13374-0A-0L-15T-0L			95.5	51.0	5.0	8.7	10.7	78.3	45.0	
100	IACS-PEL 21414.66 X DES B 14404-0S-0M-102T-0T			98.5	39.3	10.0	61.7	26.4	97.5	49.5	
101	CJ"S"-CPA X PAT 7284 B 14263-0S-0T-0L-6T-0T			93.5	15.5	1.0	12.4	2.8	100.0	50.0	
102	IAB59 X IAB52-GASTA F 818-3F-OR-7F-OR-2F-OR-OF			95.0	50.2	99.0	12.4	9.4	101.3	61.3	
103	IAB20-TOROPI			107.0	20.7	10.0	24.6	3.7	105.5	50.0	
104	IAB20-TP P 68-24-10F-2F-OR-1F-OR-OF			103.5	13.4	10.0	24.5	17.0	107.5	47.8	
105	IAB 53(2) - TK66			95.0	39.2	60.0	32.9	39.1	98.0	56.3	
106	IAB 53(2) - TOKAI66			95.0	54.7	50.0	20.9	46.9	92.5	61.3	
107	TRIUMPH-TRITICUM AEGILOPS X 840			105.5	62.7	99.0	6.4	10.3	95.8	63.5	
108	PEL 74142			119.0	21.8	1.0	22.0	23.9	102.5	37.3	
109	PEL 74267			100.0	39.3	5.0	22.9	21.8	81.3	42.3	
110	C. FROCOR L5052-845			106.0	26.9	5.0	17.0	18.3	101.3	50.0	
111	JARAL 818-IAB51 X IAB59 F 1896-54F-OR-1F-OR-2F-OR-OF			100.5	51.3	50.0	15.4	4.9	95.0	65.8	
112	IAB62-CNT7 F 4863-20F-OR-1F-OR-OF			100.5	46.1	60.0	29.3	14.7	100.5	42.8	
113	PF 70124-CNT10 F 6063-3F-1F-OR-3F-OR-OF			106.0	56.3	20.0	22.7	10.6	102.5	48.0	
114	PAT47-PAT46			98.0	40.0	20.0	19.4	5.2	98.8	55.8	
115	PF 69196/IAS46-IAS49 X IAS46-TOKAI66 F 2605-62F-OR-1F-OR-305F-OF			100.5	59.7	40.0	24.4	6.4	96.3	63.0	
116	IAB20-TP X PF70100 F 3087-OR-3F-OR-1F-OR-OF			95.5	27.2	15.0	33.3	3.9	101.3	45.0	
117	IAB46-II 27021			102.0	48.7	20.0	44.5	5.0	101.8	58.5	



TABLA 2

FECHA: 2/14/83

VAR.	SEPT. SPP	HOJA SECA	% FUSAR.	APAR. GRANO	SELEC. LINEAS
( 3)	( 1)	( 2)	( 1)	( 6)	
87	25.7	-----	75.0	-----	0.3
88	18.3	-----	71.0	-----	0.3
89	22.3	-----	47.0	-----	0.2
90	25.7	-----	65.5	-----	0.3
91	33.3	-----	48.5	-----	0.3
92	25.7	-----	43.0	-----	0.3
93	25.7	-----	75.0	-----	0.2
94	18.3	-----	87.5	-----	0.3
95	22.0	-----	41.5	-----	0.2
96	26.0	-----	18.0	-----	0.2
97	22.0	70.0	23.5	100.0	0.2
98	18.3	-----	25.0	-----	0.2
99	33.3	-----	18.0	-----	0.3
100	37.3	70.0	50.0	75.0	0.2
101	26.0	-----	47.0	75.0	0.0
102	25.7	40.0	46.0	-----	0.2
103	22.0	50.0	41.5	-----	0.0
104	22.3	40.0	23.5	-----	0.0
105	29.3	-----	29.0	-----	0.2
106	22.0	-----	40.5	-----	0.2
107	22.3	-----	53.0	-----	0.0
108	26.0	70.0	30.5	-----	0.0
109	25.7	-----	57.0	-----	0.0
110	22.0	-----	23.5	-----	0.0
111	22.0	40.0	30.5	75.0	0.0
112	25.7	40.0	29.0	50.0	0.0
113	29.3	-----	18.0	75.0	0.0
114	22.0	60.0	29.0	-----	0.2
115	18.3	-----	36.0	-----	0.2
116	25.7	40.0	18.0	50.0	0.2
117	26.0	-----	30.5	-----	0.3

TABLA 2

FECHA: 2/14/83

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	DIAS FLORC.	ROYA ESTR. (H)	ROYA ESTR. (E)	ROYA HOJA	ROYA TALLO	ALTURA PLANTA	% OIDIC	
				NOBB:	( 2)	( 6)	( 1)	( 10)	( 9)	( 4)	( 4)
118	D. 6301-NAI60 X WQ-RM/CND(2)-CHR = AL 1A			101.5	24.4	0.0	5.0	2.4	82.5	8.3	
119	CNT 1-CNT 10 F 6629-6R-1F-OR-1F-OR			98.0	51.6	1.0	11.7	13.5	101.3	44.3	
120	PF 79188 051-C6-C4-OR-1F-2F-OR-2F-OR			101.5	59.3	60.0	37.6	20.2	101.0	65.8	
121	(IAS58-IAS55 X ALD/IAC 5)ALD SIB- IAS58 X ALD SIB CM 55517-B-1F-703Y-4F-700Y			102.0	38.2	0.0	3.5	1.5	90.0	2.8	
122	IAS58-ALD CM 47065-1M-1Y-2F-701Y-1F-700Y			106.5	31.6	0.0	0.1	5.3	97.5	2.8	
123	PF 70354-ALD SIB CM 47090-13M-1Y-1F-702Y-7F-700Y			105.0	36.6	0.0	2.2	9.2	92.5	8.3	
124	PF 70354-ALD SIB CM 47090-14M-1Y-1F-701Y-4F-700Y			106.5	23.1	0.0	0.1	2.2	97.5	2.8	
125	PF 70354-ALD SIB CM 47090-14M-1Y-1F-701Y-6F-700Y			106.0	22.1	0.0	0.1	2.3	100.0	11.0	
126	PF 70354-ALD SIB CM 47090-14M-1Y-1F-704Y-2F-700Y			102.0	26.6	0.0	0.0	3.0	96.3	16.0	
127	PF 70402-ALD SIB X PAT 72160-ALD SIB B 19789-M-504M-4Y-1F-701Y-1F-700Y			102.0	26.7	0.0	1.8	4.0	108.8	3.7	
128	PF 70402-ALD SIB X PAT 72160-ALD SIB B 19789-M-504M-4Y-6F-701Y-1F-700Y			105.5	25.1	0.0	1.6	1.6	105.0	2.8	
129	PAT 19-ALD SIB X QABOTO-LV F 11860-F-500M-1Y-3F-702Y-3F-700Y			103.0	19.7	0.0	0.1	2.7	108.8	21.5	
130	IAS57-MENO X ALD SIB F 11905-G-503M-1Y-6F-704Y-1F-700Y			116.0	10.2	0.0	1.2	2.3	85.0	2.8	
131	IAS63-ALD SIB X QTO-LV F 11915-A-500M-2Y-7F-702Y-12F-700Y			102.0	17.2	0.0	2.6	2.0	108.8	21.5	
132	IAS63-ALD SIB X QTO-LV F 11905-A-500M-2Y-8F-702Y-3F-700Y			98.0	21.7	0.0	0.0	3.4	103.3	2.8	
133	IAS63-ALD SIB X QTO-LV F 11915-A-500M-2Y-8F-702Y-4F-700Y			98.5	28.4	0.0	0.1	3.3	105.0	5.5	
134	IAS63-ALD SIB X QTO-LV F 11915-A-502M-1Y-1F-701Y-2F-700Y			100.0	18.5	0.0	0.2	2.5	92.5	2.8	
135	IAS63-ALD SIB X QTO-LV F 11915-A-502M-1Y-1F-701Y-3F-700Y			99.5	21.8	0.0	0.2	2.7	94.0	11.0	
136	PATO R-IAC5			95.0	17.4	0.0	19.3	24.9	98.0	29.3	
137	(J9163.67/BA3423 X NB-NAI60)PAT 12"8			97.0	42.1	0.0	11.6	24.3	101.3	40.8	
138	PAT 47-LV			101.5	14.2	1.0	0.0	6.7	111.0	45.0	
139	PEL 72380-ATR 71			98.0	51.0	1.0	1.0	5.8	91.3	39.5	
140	PF 6968(2)-HAD			96.0	12.7	1.0	0.7	8.6	100.0	32.3	
141	PF 6968(2)-HAD			93.0	13.0	0.0	4.6	10.3	97.5	45.0	
142	PF 6968(2)-HAD			94.0	11.6	0.0	5.8	12.3	98.8	11.0	
143	PF 69126-DES X IAS55			109.0	27.7	0.0	0.3	3.5	105.0	47.8	
144	PF 69126-DES X IAS55			104.5	40.5	1.0	12.0	6.0	104.8	22.3	
145	PF 69157/SALAMOUNI-BEAFDAM X PAT7219			97.0	1.1	0.0	31.4	5.6	112.5	26.5	

TABLA 2

FECHA: 2/14/83

VAR.	SEPT. SPP.	HOJA SECA	% FUSAR.	APAR. GRANO	SELEC. LINEAS
	( 3)	( 1)	( 2)	( 1)	( 6)
118	22.3	-----	29.0	-----	0.7
119	33.3	-----	36.0	50.0	0.2
120	29.3	-----	34.5	-----	0.0
121	33.0	-----	34.5	50.0	0.5
122	14.7	-----	23.5	50.0	0.5
123	14.7	-----	18.0	50.0	0.2
124	18.3	-----	23.5	50.0	0.3
125	25.7	-----	29.0	50.0	0.3
126	14.7	-----	58.5	50.0	1.0
127	25.7	-----	36.0	50.0	1.0
128	26.0	-----	18.0	50.0	0.8
129	22.3	-----	29.0	-----	0.2
130	18.3	-----	18.0	50.0	0.3
131	29.7	-----	29.0	-----	0.3
132	26.0	-----	34.5	-----	0.3
133	29.7	-----	47.0	-----	0.3
134	25.7	-----	18.0	-----	0.3
135	29.7	-----	30.5	50.0	0.3
136	33.3	40.0	23.5	-----	0.2
137	29.7	-----	34.5	-----	0.0
138	25.7	80.0	34.5	-----	0.7
139	29.3	-----	25.0	-----	0.0
140	25.7	-----	23.5	-----	0.2
141	25.7	-----	23.5	-----	0.2
142	25.7	-----	18.0	-----	0.2
143	22.0	-----	23.5	-----	0.0
144	22.3	-----	29.0	-----	0.0
145	25.7	90.0	29.0	50.0	0.0

TABLA 2

FECHA: 2/14/83

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	DIAS FLORC.	ROYA ESTR. (H)	ROYA ESTR. (E)	ROYA HOJA	ROYA TALLO	ALTURA PLANTA	% OÍDIO
			NOBS:	( 2 )	( 6 )	( 1 )	( 10 )	( 9 )	( 4 )	( 4 )
146	PF 69126-DES X IAS55			103.0	28.1	0.0	0.1	2.3	105.5	52.3
147	PF 69126-DES X IAS55			104.0	16.7	0.0	0.6	2.2	101.8	50.0
148	PATO-C37. 1. 67			93.5	19.2	0.0	10.0	3.0	92.5	47.3
149	S. 71-S. 473. A3. A2			102.0	19.0	1.0	17.6	12.9	103.8	42.3
150	S71-S. 473. A3. A2			101.0	16.8	1.0	20.4	13.8	106.3	42.3
151	NT-S 53(CHE0285-070/KL-PET-RAF X SON 4)			101.0	29.7	5.0	16.2	1.0	95.0	53.5
152	TRISA INIA			95.0	21.2	5.0	56.4	7.0	80.5	58.5
153	23584-CND"S"[(MY54-NDR10 X Y50/K. LIN ) FR-KAD X QBJ A 12562-3P-1P			92.0	12.9	1.0	46.5	2.6	71.3	53.5
154	PCH(KT54-N10-B21-1C X KT54B/NAR59) T 2494-14T-4T-1V-0Y			89.5	2.7	1.0	16.9	4.4	77.5	53.3
155	(PTF/DFN X FKN-N10)BON A 14735-3P-1P-2P-4P			90.0	15.5	1.0	35.7	0.3	68.8	64.0
156	CC-INIA/TOB"S"-8156 X CND"S" CM 4264-23Y-2M-0Y			95.5	18.4	1.0	39.0	1.5	75.0	66.3
157	AURIFEN			94.5	3.5	1.0	43.9	12.1	75.0	61.3
158	(PTF/DFN X FKN-N10)BON A 14735-3P-1P-2P-2P			89.5	11.9	1.0	52.9	0.2	70.0	53.5
159	(PTF/DFN X FKN-N10)BON A 14735-3P-1P-3P-2P			92.0	11.9	1.0	54.1	1.9	71.3	58.5
160	CND-INIA(KL. REND-SON64(2) X INIA/ CND) CM 35255-5Y-1M-1Y-1M-0Y			93.0	14.0	10.0	59.9	0.8	76.3	64.0
161	NDR-7C CM 30367-1M-1Y-3M-2Y-1M-0Y			101.0	26.4	80.0	54.3	7.0	80.0	66.3
162	HQ-BB"S" A 16012-16P-3P			91.5	19.0	1.0	45.7	7.4	71.3	71.8
163	BB"S"-MEF A 12596-8E12			91.5	7.0	1.0	65.4	13.5	76.3	74.5
164	CND"S"(2)-7C X KAL-BB CM 4407-12Y-1M-6Y-1M-0Y			90.5	15.4	1.0	55.6	22.0	73.8	64.0
165	NACQZARI 76 CM 5287-J-1Y-2M-1Y-1M-0Y			95.0	6.4	30.0	61.6	7.6	76.0	71.8
166	INIA-RL 4220 X 7C/YR"S" CM 15430-3P-1P-1P			93.0	27.7	5.0	57.4	4.7	67.5	69.0
167	V10(SON 64 X SKE(6)-ANE/TZPP-SON 64) A 1440-2P-3P			91.5	19.6	0.0	55.5	12.6	70.0	64.0
168	HQ-RM X KAL-BB SWM 1445-8Y-2M-300Y-302M-300Y- 300M-300Y-0M			105.5	22.6	0.0	20.4	9.1	80.3	69.0
169	TANAGER "S" CM 30699-2M-1Y-3M-1Y-2B-1Y-0M			99.5	13.4	0.0	27.7	6.4	77.8	55.8
170	T. AESTIVUM-MOCHIB 73 X NAC76 CM 43367-E-3Y-1M-2Y-0M			102.5	7.4	0.0	13.1	6.0	76.3	7.8
171	V10(SON 64 X SKE(6) X ANE/TZPP-SON 6 ) A 1440-2P-3P-2P			92.5	17.6	1.0	69.4	20.5	73.5	57.8
172	ANDIFEN (C. V.)			122.0	0.1	-----	46.9	23.7	85.0	60.0
173	ANCOA (C. V.)			100.5	3.4	0.0	32.3	19.7	70.0	79.0
174	BON 64-582 X RIEBESEL SWM 273-3C-1C-1C-1C			110.5	0.1	0.0	6.6	10.5	78.3	44.5
175	BEZO 1/CND(2) X SON 64 - KL. REND T 5557-1C-4C-1C-1C			102.5	3.7	0.0	30.2	12.7	86.8	61.3

TABLA 2

FECHA: 2/14/83

VAR.	SEPT. SPP.	HOJA SECA	% FUSAR.	APAR. GRANO	SELEC. LINEAS
( 3)	( 1)	( 2)	( 1)	( 6)	
146	14.7	-----	18.0	-----	0.2
147	18.3	-----	36.0	75.0	0.0
148	33.3	90.0	53.0	-----	0.0
149	29.7	50.0	29.0	-----	0.0
150	26.0	50.0	29.0	-----	0.2
151	29.7	-----	47.0	-----	0.5
152	33.3	-----	71.0	-----	0.3
153	52.0	-----	64.0	-----	0.2
154	40.7	-----	53.0	-----	0.3
155	56.0	-----	100.0	-----	0.3
156	59.3	-----	82.0	-----	0.3
157	39.3	-----	82.0	-----	0.2
158	59.3	-----	69.5	-----	0.2
159	59.3	-----	76.5	-----	0.3
160	52.0	-----	65.5	-----	0.2
161	44.3	-----	65.5	-----	0.3
162	44.7	-----	59.5	-----	0.3
163	48.0	-----	82.0	-----	0.2
164	52.0	-----	64.0	-----	0.3
165	55.3	-----	76.5	-----	0.3
166	55.7	-----	51.5	-----	0.3
167	44.0	-----	34.5	-----	0.5
168	25.7	30.0	41.5	-----	0.5
169	37.0	-----	71.0	-----	0.5
170	44.3	-----	58.5	-----	0.3
171	40.7	-----	87.5	-----	0.3
172	29.7	40.0	59.5	-----	0.2
173	44.3	-----	82.0	-----	0.5
174	33.3	-----	29.0	-----	0.2
175	25.7	-----	25.0	-----	0.7

TABLA 2

FECHA: 2/14/83

VAR. N°	VARIEDAD O CRUZA Y PFDIGREE	GRANO	ORIGEN	DIAS FLORC.	ROYA ESTR.(H)	ROYA ESTR.(E)	ROYA HOJA	ROYA TALLO	ALTURA PLANTA	% OÍDIO
			NOBS:	( 2 )	( 6 )	( 1 )	( 10 )	( 9 )	( 4 )	( 4 )
176	BLUEBIRD-MANELLA T 5625-3C-2C-1C			124.0	0.1	-----	9.7	14.9	98.3	38.8
177	BEZO-MEXIFEN N 2990-7C-2C-1C-1C			102.0	2.0	5.0	25.7	50.7	86.0	76.3
178	BEZO 1/CNO(2) X SON64-KL.REND T 5557-3C-1C-3C-1C			124.0	0.1	-----	10.9	30.2	86.7	67.0
179	FKN-N10B X Y54/WTE-KT54(2) GP-65-3C-2C-1C-6C			122.0	17.4	-----	25.4	1.0	90.0	46.5
180	FKN-N10B X Y54/WTE-KT54(2) GP 65-5C-1C-1C-1C			108.0	11.7	1.0	39.5	32.9	91.3	31.5
181	T 1500			110.0	17.0	-----	56.1	45.7	98.8	70.8
182	LUCERO INIA (C.V.)			119.0	8.7	-----	12.1	49.7	83.8	65.8
183	LABRIEOD INIA (C.V.) (EX LUCAS INIA)			129.0	2.4	-----	23.9	47.2	83.3	57.0
184	OFN(YT54-N10B X LR64/C14) 14-53-ODIN X CI 13431, SEL 6425: WA 4877 A 11322-11C-1C-1C-1C			124.0	10.4	-----	9.4	40.8	80.5	52.3
185	LFN-DIBO X KOL-LFN 70469-04W-1P-1H-0P			132.0	5.1	-----	33.8	31.8	73.3	51.5
186	MD (VQ 8881-N10 B11 X P14/SEL 101) CI 13439, SEL 6539, WA 4995			130.0	15.4	-----	28.6	0.5	73.3	70.0
187	OFN(YT54-N10 B X LR64/C14) 14-53- ODIN X CI 13431, SEL 6425: WA 4877 A 11322			125.0	0.1	-----	4.7	29.3	78.0	49.3
188	LFN-5110 N 2033-4C-1C-1C-1C			125.0	1.4	-----	2.8	27.2	71.7	59.3
189	(CD/VGB058-CD X SK)(2) BW N 3037-6C-1C-1C			132.0	0.1	-----	5.4	15.2	75.0	54.3
190	(CD/VGB058-CD X SK)IAQ. AL. (MED/H. PAW X ORD/I11-CMCH)J N 2631-2C-1C-2C			116.0	4.0	-----	15.0	28.4	82.5	51.5
191	F1 1150-18-LIFN/F1DJ(2)-VGB316 X LIF J R 27-4C-2C-1C-1C			122.0	0.4	-----	11.5	21.9	79.3	31.5
192	AZTECA F67-LEDA T 5995-T-T-3T			132.0	0.1	-----	26.4	39.5	77.5	60.0
193	NAD63-RABE[(PI62 X TTH-SON64/CNO"S") IBIS] T 6878-T-T-1T			132.0	3.1	-----	22.6	44.8	73.3	60.0
194	NAD63-RABE[(PI62 X TTH-SON64/CNO"S") IBIS] T 6878-T-T-4T			132.0	2.1	-----	42.3	38.8	71.7	67.8
195	B 948 A1 X CNO(2)"S"-CNO F67[(VQ 735 /FN-PR X QB) HN 110] T 7013-T-T-2T			132.0	0.5	-----	50.3	26.0	76.7	65.5
196	[(CNO"S" X SON64-Y50/TTH-SON64 X CHR HN 110] NAD63-RABE T 6664-T-T-9T			139.0	2.1	-----	51.0	25.0	82.5	67.8
197	CC-INIA X CAL/NAD63-RABE T 8378-T-T-3T			130.0	16.0	-----	47.0	34.5	70.0	67.8
198	(JAR-CNO/CFN-CNO X SR 70)PQFN"S"- YAFEN X HN 110 T 8580-T-T-1T			132.0	0.1	-----	26.7	31.0	75.0	70.0
199	NDR 67-YRC[(VQ 7353/FN-PR X QB)HN 110 T 8663-T-T-2T			130.0	23.4	-----	48.9	27.0	80.0	65.0
200	(TOB-B156/PATO(R) X INIA-TZPP)[(VQ 7 53/FN-PR X QB)HN 110]			132.0	10.1	-----	37.6	18.5	82.5	70.0
201	TOB-B156/PATO(R) X INIA-TZPP)BDFN"S" T 8704-T-T-1T			132.0	6.7	-----	32.4	16.1	71.7	75.0

VAR.	SEPT. SPP.	HOJA SECA	% FUSAR.	APAR. GRANO	SELEC. LINEAS
	( 3)	( 1)	( 2)	( 1)	( 6)
176	22.3	40.0	34.5	-----	0.0
177	22.0	20.0	62.5	-----	0.3
178	18.3	-----	59.5	-----	0.0
179	18.3	-----	29.0	100.0	0.0
180	22.0	-----	29.0	-----	0.2
181	18.3	-----	72.0	-----	0.2
182	25.7	-----	46.0	-----	0.2
183	26.0	40.0	29.0	-----	0.2
184	7.3	40.0	67.0	-----	0.0
185	11.0	-----	25.0	-----	0.3
186	26.0	-----	25.0	-----	0.2
187	18.3	40.0	34.5	-----	0.3
188	7.3	40.0	78.0	-----	0.0
189	16.5	-----	-----	-----	0.2
190	78.0	-----	75.0	-----	0.2
191	25.7	70.0	46.0	-----	0.2
192	18.3	-----	69.5	-----	0.2
193	14.7	-----	51.5	-----	0.0
194	18.3	-----	57.0	-----	0.0
195	22.0	-----	46.0	-----	0.0
196	18.3	-----	25.0	-----	0.0
197	14.7	-----	25.0	-----	0.0
198	25.7	-----	25.0	-----	0.0
199	18.3	-----	39.0	-----	0.0
200	14.7	-----	51.5	-----	0.0
201	18.3	-----	25.0	-----	0.0

TABLA 9

FECHA: 2/14/83

VAR. N°	VARIEDAD O CRUZA Y PFDIGREE	GRANO	ORIGEN	DIAS FLORC.	ROYA ESTR. (H)	ROYA ESTR. (E)	ROYA HOJA	ROYA TALLO	ALTURA PLANTA	% OIDIO	
				NOBS:	( 2)	( 6)	( 1)	( 10)	( 9)	( 4)	( 4)
202	NOR 67 X TOB-B156/LLFN-HN110 T 8808-T-T-1T			132.0	7.1	-----	38.0	34.2	73.3	52.8	
203	(TOB-CND"S" X CND-7C/CC-TOB)PJ62- 4777 X MD(2)-FN/HN 110 T 8687-T-T-1T			132.0	11.7	-----	34.7	42.8	75.0	75.8	
204	119-66-HN100 X HNFN T 8934-T-T-1T			136.0	3.1	-----	17.4	26.8	75.0	52.3	
205	(SON 64 X TZPP-NAI60/V8 8058-IDEF) NAD 63-RABE T 6720-T-T-8T			134.0	2.1	-----	29.8	48.7	80.0	75.0	
206	{[(CHRIS X TTH-SON64/B156)HN 110] PGFN"S"-YAFEN X HN110}NOR67-RABE X CHRIS-S 94B-A1/IBIS T 7336-T-T-3T			130.0	15.1	-----	37.4	53.1	75.0	67.8	
207	ND66 X 119-66-HN IV(2) T 8302-T-T-1P			130.0	8.7	-----	44.3	7.4	81.7	46.5	
208	[(BB-NOR67/TOB-CND X INIA"S") SR] HNFN T 8750-T-T-2P			130.0	0.5	-----	35.4	3.0	80.0	36.0	
209	HNFN{(CHRIS X TTH-SON64/B156B)HN 110 T 6914-T-1P-2T			120.0	20.9	-----	32.3	14.5	73.8	75.8	
210	HNFN{(CHRIS X TTH-SON64/B156B)HN 110 T 6914-T-1P-3T			111.0	21.7	-----	31.5	24.6	75.5	63.0	
211	CC-INIA X BBC(PI62 X TTH-SON64/KNOTT 2)HN 110J T 10299-T-BP-1T			107.5	4.7	-----	43.5	18.1	49.3	78.3	
212	BUCK MAN-JAR 66 LE 887			119.0	9.4	1.0	6.6	2.0	78.8	41.0	
213	PJ-CB X TZPP-KTT 2/MULT/14 LE 1316			97.0	13.4	-----	10.7	4.5	92.3	47.3	
214	SON64-TZPP X NAI/E. DAKURU LE 1474			120.0	15.0	-----	0.9	3.3	90.5	38.8	
215	E. TAR-BB # 1 LE 1030			104.0	27.0	0.0	3.6	2.0	93.3	73.5	
216	E. TAR/SON64 X Y50-QTO LE 1678			112.0	9.9	-----	1.2	2.1	95.5	55.0	
217	E. TAR X TOB-K. PET LE 1788			119.0	38.4	-----	6.8	0.2	100.0	52.3	
218	SON64-K. REND X E. SABIA LE 1897			116.0	10.2	-----	17.0	0.8	83.0	39.3	
219	LR-SON64 X E. DAKURU LE 1901			119.0	21.1	-----	8.3	0.6	81.3	38.8	
220	E. TAR X CIAND-INIA LE 1902			102.5	42.5	1.0	11.9	3.0	100.0	55.0	
221	E. TAR X SON64-K. REND LE 1903			98.0	30.7	1.0	0.3	11.0	85.0	57.3	
222	E. TAR/SON64-K. REND X CIAND LE 1907			96.0	24.5	1.0	1.3	1.6	100.0	44.3	
223	SON64-K. REND X LIT. PRECOZ LE 1921			101.5	10.5	5.0	1.8	9.0	101.3	55.8	
224	E. DOLORES-WALDRON LE 1927			-----	10.5	-----	1.8	5.5	88.0	21.0	
225	MULT 14/MARROQUI-M. ESC X RIO NEGRO LE 1930			101.0	22.7	30.0	0.1	6.9	96.3	44.3	
226	E. IORZAL X O. ARTILLERO-IFLE9996 LE 1935			119.0	38.7	-----	2.5	4.1	101.8	31.0	
227	E. TAR/SON64-KL REND X 23584 LE 1961			95.0	31.0	1.0	10.8	5.4	85.0	57.8	



VAR.	SEPT. SPP.	HOJA SECA	% FUSAR.	APAR. GRANO	SELEC. LINEAS
( 3)	( 1)	( 2)	( 1)	( 6)	
202	18.3	-----	57.0	-----	0.0
203	14.7	-----	50.0	-----	0.0
204	14.7	-----	46.0	-----	0.0
205	18.3	-----	51.5	-----	0.0
206	14.7	-----	62.5	-----	0.2
207	18.3	-----	51.5	-----	0.0
208	26.0	-----	76.5	-----	0.0
209	29.7	-----	82.0	-----	0.2
210	26.0	-----	82.0	-----	0.0
211	26.0	30.0	87.5	-----	0.0
212	26.0	60.0	34.5	-----	0.0
213	29.3	40.0	40.5	-----	0.2
214	26.0	-----	34.5	-----	0.0
215	18.3	-----	40.5	-----	0.2
216	22.0	70.0	40.5	50.0	0.2
217	26.0	50.0	29.0	50.0	0.2
218	22.0	-----	23.5	50.0	0.2
219	41.0	-----	57.0	-----	0.0
220	29.3	-----	40.5	-----	0.3
221	29.7	50.0	53.0	-----	0.0
222	26.0	50.0	46.0	-----	0.2
223	25.7	50.0	29.0	-----	0.0
224	26.0	-----	18.0	-----	0.2
225	18.3	-----	59.5	-----	0.0
226	37.0	30.0	34.5	100.0	0.0
227	37.0	40.0	34.5	-----	0.0

TABLA 2

FECHA: 2/14/83

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	DIAS FLORC.	ROYA ESTR.(H)	ROYA ESTR.(E)	ROYA HOJA	ROYA TALLO	ALTURA PLANTA	% OIDIO
				NOBB: ( 2)	( 6)	( 1)	( 10)	( 9)	( 4)	( 4)
228	E. TAR XI (JAR/PJ-GB X SON64) EL GAU-SON64J LE 1963			101.0	9.1	1.0	13.6	2.1	93.8	50.0
229	E. TAR-BB290 LE 1964			106.5	37.0	-----	5.8	17.5	92.5	65.8
230	E. YOUNG-E. SABIA LE 1970			104.5	14.2	1.0	18.6	31.3	92.5	57.8
231	E. TAR-BUCK MAN LE 1979			99.5	20.7	15.0	0.9	10.0	91.3	57.8
232	BUCK MAN X JUSTIN-ND142 LE 1986			108.5	13.2	-----	8.5	2.7	98.8	25.5
233	E. TAR/SON64 X Y50-OTD LE 1987			98.0	32.2	1.0	23.9	18.7	77.3	71.3
234	E. TAR X TOBARI-KL PETISO LE 1989			109.5	38.1	5.0	2.9	9.5	101.8	54.3
235	SON64-K. REND X 23584/WALDRON LE 1990			103.0	9.4	-----	12.6	0.9	77.5	31.0
236	BUCK MAN X O. ARTILLERO-IFLE9996 LE 1992			122.0	45.0	-----	0.1	8.0	101.7	28.3
237	BUCK MAN X O. ARTILLERO-IFLE9996 LE 1993			117.0	12.7	-----	8.1	3.3	101.3	36.0
238	JUSTIN-ND142 X HARED/MULT 14 LE 1995			99.0	5.7	1.0	18.8	1.2	99.0	41.0
239	PJ-GB X TZPP... KTT2/BUCK MAN LE 1997			119.0	9.4	-----	3.8	1.8	97.3	43.8
240	NOVAFEN-MULT 14 LE 1999			104.0	32.9	-----	9.7	7.7	92.0	77.8
241	JAR S-E. SABIA LE 2000			96.0	17.4	1.0	12.0	2.4	90.5	43.8
242	BB#1-WALDRON LE 2009			126.0	0.7	-----	5.0	0.2	90.0	25.5

VAR.	SEPT. SPP.	HOJA SECA	% FUSAR.	APAR. GRANO	SELEC. LINEAS
	( 3 )	( 1 )	( 2 )	( 1 )	( 6 )
228	37.0	50.0	46.0	-----	0.2
229	29.7	-----	47.0	-----	0.0
230	29.7	50.0	29.0	-----	0.0
231	25.7	50.0	71.0	-----	0.0
232	26.0	30.0	29.0	-----	0.2
233	26.0	40.0	51.5	-----	0.2
234	26.0	-----	61.0	-----	0.0
235	22.0	-----	41.5	-----	0.0
236	22.0	-----	53.0	100.0	0.0
237	37.0	50.0	34.5	75.0	0.0
238	25.7	60.0	61.0	-----	0.0
239	29.3	-----	29.0	100.0	0.0
240	33.3	-----	23.5	-----	0.2
241	29.3	-----	29.0	-----	0.0
242	25.7	-----	46.0	-----	0.0

TABLA 3

FECHA: 2/14/83

VBLE 07/INFORME PRELIMINAR COEFICIENTE PROMEDIO DE INFECCION PARA ROYA DE LA HOJA

1er LACOS - 1981  
SUMARIO DE NOTAS  
PROMEDIO DE 17 LOCALIDADES

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	R O Y A S		
				P.rec.	P.str.	P.gr.
			NOBS:	( 10)	( 6)	( 9)
138	PAT 47-LV			0.0	14.2	6.7
126	PF 70354-ALD SIB CM 47090-14M-1Y-1F-704Y-2F-700Y			0.0	26.6	3.0
132	IAS63-ALD SIB X QTO-LV F 11905-A-300M-2Y-8F-702Y-3F-700Y			0.0	21.7	3.4
28	DTE-PTES(SOTY X T2C(3) - SK/PPI) A 1548-13P-1B-2B-1P-OP			0.0	14.2	3.8
9	CHASICO INTA			0.0	16.0	38.8
225	MULT 14/MARROGUI-M.ESC X RIO NEGRO LE 1930			0.1	22.7	6.9
146	PF 69126-DES X IAS55			0.1	28.1	2.3
133	IAS63-ALD SIB X QTO-LV F 11915-A-300M-2Y-8F-702Y-4F-700Y			0.1	28.4	3.3
236	BUCK MAN X O. ARTILLERO-IFLE9996 LE 1992			0.1	45.0	8.0
125	PF 70354-ALD SIB CM 47090-14M-1Y-1F-701Y-6F-700Y			0.1	22.1	2.3
71	MONCHO "S" CM 8288-A-3M-5Y-4M-0Y-1PTZ-0V			0.1	18.8	13.0
122	IAS58-ALD CM 47065-1M-1Y-2F-701Y-1F-700Y			0.1	31.6	5.3
129	PAT 19-ALD SIB X GABOTO-LV F 11860-E-300M-1Y-3F-702Y-3F-700Y			0.1	19.7	2.7
124	PF 70354-ALD SIB CM 47090-14M-1Y-1F-701Y-4F-700Y			0.1	23.1	2.2
134	IAS63-ALD SIB X QTO-LV F 11915-A-302M-1Y-1F-701Y-2F-700Y			0.2	18.5	2.5
4	DNCATIVO INTA X O. ARTILLERO-DICKINSON L10 B 864-F8-7287-2/76			0.2	14.5	12.6
135	IAS63-ALD SIB X QTO-LV F 11915-A-302M-1Y-1F-701Y-3F-700Y			0.2	21.8	2.7
8	SOREN-NAI 60 X KL. FORTIN MJ 1411-OJ-2BV-2BV-1BV-2BV			0.3	8.8	4.4
143	PF 69126-DES X IAS55			0.3	27.7	3.5
221	E. TAR X SON64-K. REND LE 1903			0.3	30.7	11.0
5	KL. PET-RAF X TOB"S"(SD 648. 5-8156 R/ TZPP-KTT2 X P 4160) H 1599-OT-1BV-1BV-1BV			0.5	32.5	0.5
29	(TH(6)-KF X LEE(6)-KF/CAL)ALD"S" SWM 3410-14Y-4M-4Y-3Y-1M-0Y-1P-OP			0.6	15.5	3.6
147	PF 69126-DES X IAS55			0.6	16.7	2.2
140	PF 6968(2)-HAD			0.7	12.7	8.6
40	KVZ X CNO-PJ62 SWM 1285-2Y-3M-1Y-0M-0J			0.8	1.0	3.6
231	E. TAR-BUCK MAN LE 1979			0.9	20.7	10.0

TABLA 3

FECHA: 2/14/83

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	R O Y A S		
				P.rec.	P.str.	P.gr.
			NOBS:	( 10)	( 6)	( 9)
214	SON64-TZPP X NAI/E. DAKURU LE 1474			0.9	15.0	3.3
139	PEL 72380-ATR 71			1.0	51.0	5.8
37	SOREN-NAI X PTES MJ 1412-2N-3M-2N-OJ			1.1	16.4	0.5
216	E. TAR/SON64 X Y30-GTO LE 1678			1.2	9.9	2.1
130	IAS57-MENG X ALD SIB F 11903-G-503M-1Y-6F-704Y-1F- 700Y			1.2	10.2	2.3
50	TOB"S"-SOREN II 25003-3J-1B-2J-2B-OJ			1.3	31.4	2.9
74	BB-GALLO X CARP "S"/PAVON "S" CM 3348-C-7M-1Y-OM			1.3	11.7	11.1
49	[(JAR-NPD/LR-TZPP X AN)JAR 66] SON 6 -CC X JUS/JAR"S" MJ 1757-7J-1B-1J-4B-OJ			1.3	34.4	4.9
31	P68 /1482-PPI 2 71-74T-1T-1T-2T			1.3	24.2	3.1
222	E. TAR/SON64-K. REND X CIANO LE 1907			1.3	24.5	1.6
30	P68/1482-PPI 2 71-74T-1T-1T-1T			1.6	25.8	4.0
42	NS73 - PCI"S" SMM 3386-3M-10Y-3M-1Y-OM-OJ			1.6	8.5	3.7
128	PF 70402-ALD SIB X PAT 72160-ALD SIB B 19789-M-504M-4Y-6F-701Y-1F- 700Y			1.6	25.1	1.6
78	ATO"S" X AA"S"-PLC"S" CD 1859-1Y-9Y-2M-0Y			1.6	0.1	4.3
127	PF 70402-ALD SIB X PAT 72160-ALD SIB B 19789-M-504M-4Y-1F-701Y-1F- 700Y			1.8	26.7	4.0
224	E. DDLORES-WALDRON LE 1927			1.8	10.5	5.5
223	SON64-K.REND X LIT. PRECOZ LE 1921			1.8	10.5	9.0
2	B. 284-FB-SP. 11252-513/63 X B. PUAN B 833-F10-7101-1/77			2.0	11.6	35.0
123	PF 70354-ALD SIB CM 47090-13M-1Y-1F-702Y-7F-700Y			2.2	36.6	9.2
88	IBIS"S"-USA 01548 X AA"S" CD 13510-F-2Y-5M-0Y			2.3	0.9	1.3
226	E. ZORZAL X O. ARTILLERO-IFLE9996 LE 1935			2.5	38.7	4.1
38	SON-KTT(2) X JUS-JAR/SOREN MJ 1389-11N-10N-1N-OJ			2.5	18.0	0.9
7	B. PUAN/SON 64 X SKE- LR 64A "S" B 819-F7-7505-1/74			2.6	22.5	3.2
131	IAS63-ALD SIB X GTO-LV F 11915-A-500M-2Y-7F-702Y-12F- 700Y			2.6	17.2	2.0
41	KVZ-BON {[(21931-CHP53 X AN/GB56) PJ62JSDTY} CM 33729-A-1M-2Y-1M-3Y-OM-OJ			2.6	0.2	4.3
188	LFN-5110 N 2033-4C-1C-1C-1C			2.8	1.4	27.2
234	E. TAR X TOBARI-KL PETISO LE 1989			2.9	38.1	9.5

COEFICIENTE PROMEDIO DE INFECCION PARA ROYA DEL TALLO

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 SUMARIO DE NOTAS  
 PROMEDIO DE 17 LOCALIDADES

VAR. N°	VARIEDAD O CRUZA Y PEDIGREF	GRANO	ORIGEN	R O Y A S		
				P.gr.	P.str.	P.rec.
			NOBS:	( 9)	( 6)	( 10)
242	BB#1-WALDRON LE 2009			0.2	0.7	5.0
82	6B111-RUGBY X WARD			0.2	4.8	11.1
217	E. TAR X TOB-K. PET LE 1788			0.2	38.4	6.8
158	(PTF/DFN X FKN-N10)BON A 14735-5P-1P-2P-2P			0.2	11.9	52.9
3	SON 64-KTT2 X D. ARTILLERO-DICKINSON L10 B 853-F9-7116-1/77			0.3	27.0	4.6
36	NAD 63 X BB-INIA CM 7161-9M-1Y-6M-4Y-OJ			0.3	9.7	3.3
45	COWBIRD "S" CM 16716-9-3M-2Y-2J-1J-OJ			0.3	23.5	3.9
155	(PTF/DFN X FKN-N10)BON A 14735-3P-1P-2P-4P			0.3	15.5	35.7
87	JNK			0.4	0.1	17.4
77	ANHINGA "S"			0.5	7.8	8.1
35	COWBIRD "S" CM 16716-9-3M-2Y-2I-2I-OJ			0.5	28.7	5.4
5	KL. PET-RAF X TOB"S"(SD 648.5-8156 R/ TZPP-KTT2 X P 4160) H 1599-0T-1BV-1BV-1BV			0.5	32.5	0.5
37	SOREN-NAI X PTES MJ 1412-2N-3N-2N-OJ			0.5	16.4	1.1
186	MD (V6 8881-N10 B11 X P14/SEL 101) CI 13439, SEL 6539, WA 4995			0.5	15.4	28.6
219	LR-SON64 X E. DAKURU LE 1901			0.6	21.1	8.3
92	21563-AA"S" X F0"S" CD 9799-126M-1M-3Y			0.6	0.1	3.7
218	SON64-K. REND X E. SABIA LE 1897			0.8	10.2	17.0
160	CND-INIA(KL. REND-SON64(2) X INIA/ CND) CM 35255-5Y-1M-1Y-1M-OY			0.8	14.0	59.9
38	SON-KTT(2) X JUS-JAR/SOREN MJ 1389-11N-10N-1N-OJ			0.9	18.0	2.5
235	SON64-K. REND X 23584/WALDRON LE 1990			0.9	9.4	12.6
19	TOB-CND/CND-7C X CC-TOB CM 6429-2B-1B-1B-4B-2B-0B			1.0	9.7	27.5
151	NT-S 53(CHEG285-0TO/KL-PET-RAF X SON 4)			1.0	29.7	16.2
179	FKN-N10B X Y54/WTE-KT54(2) GP-65-3C-2C-1C-6C			1.0	17.4	25.4
238	JUSTIN-ND142 X HARED/MULT 14 LE 1995			1.2	5.7	18.8
11	PV18A-CND 67 X JAR "S" CM 21692-1B-4B-1B-3B-0B			1.3	14.4	13.3
79	SNIPE "S" CM 3414-1Y-3M-OY			1.3	4.2	4.7
88	IBIS"S"-USA 01548 X AA"S" CD 13510-F-2Y-5M-OY			1.3	0.9	2.3

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	R O Y A S		
				P.gr.	P.str.	P.rec.
			NDBS:	( 9 )	( 6 )	( 10 )
121	(IAS58-IAS55 X ALD/IAC 5)ALD SIB-IAS58 X ALD SIB CM 55517-B-1F-703Y-4F-700Y			1.5	38.2	3.5
156	CC-INIA/TOB"S"-8136 X CND"S" CM 4264-23Y-2M-0Y			1.5	18.4	39.0
222	E. TAR/SON64-K.REND X CIAND LE 1907			1.6	24.5	1.3
128	PF 70402-ALD SIB X PAT 72160-ALD SIB B 19789-M-504M-4Y-6F-701Y-1F-700Y			1.6	25.1	1.6
10	MG41-M. JUAREZ INTA BAL 16-1B-4B-0B			1.7	5.8	7.1
239	PJ-GB X TZPP... KTT2/BUCK MAN LE 1997			1.8	9.4	3.8
16	NURI-ND 66 CM 4600-2B-3B-4B-2B-0B			1.8	24.8	17.7
80	(CFNS-MCA"S" X CR"S"/MARIO)JD"S" CD 10162-B-4M-1Y-1M-0Y			1.9	0.1	13.2
27	(SDN 64-SKE X LR 64A/MJ"S")JAR"S"-MJ"S" A 219-12P-2B-1B-1P-0P			1.9	27.5	15.1
159	(PTF/DFN X FKN-N10)BON A 14735-5P-1P-3P-2P			1.9	11.9	54.1
93	OTA"S"-MEXI"S" CD 771-1Y-2Y-4M-0Y			2.0	3.4	25.6
212	BUCK MAN-JAR 66 LE 887			2.0	9.4	6.6
215	E. TAR-BB # 1 LE 1530			2.0	27.0	3.6
131	IAS63-ALD SIB X GTO-LV F 11915-A-500M-2Y-7F-702Y-12F-700Y			2.0	17.2	2.6
76	DDW"S"15-CR"S"			2.0	0.1	5.8
39	NIPIGON "S" CM 8972-E-7M-10Y-4M-2Y-1J-1J-1J-6J-0J			2.1	7.8	5.9
228	E. TAR XI(JAR/PJ-GB X SON64)EL GAU-SON64J LE 1963			2.1	9.1	13.6
216	E. TAR/SON64 X Y50-GTO LE 1678			2.1	9.9	1.2
124	PF 70354-ALD SIB CM 47090-14M-1Y-1F-701Y-4F-700Y			2.2	23.1	0.1
147	PF 69126-DES X IAS55			2.2	16.7	0.6
130	IAS57-MENO X ALD SIB F 11905-0-503M-1Y-6F-704Y-1F-700Y			2.3	10.2	1.2
125	PF 70354-ALD SIB CM 47090-14M-1Y-1F-701Y-6F-700Y			2.3	22.1	0.1
146	PF 69126-DES X IAS55			2.3	28.1	0.1
241	JAR S-E. SABIA LE 2000			2.4	17.4	12.0
118	D. 6301-NAI60 X WG-RM/CND(2)-CHR = AL 1A			2.4	24.4	5.0
134	IAS63-ALD SIB X GTO-LV F 11915-A-502M-1Y-1F-701Y-2F-700Y			2.5	18.5	0.2
153	23584-CND"S" I (MY54-NDR10 X Y50/K. LIN ) FR-KAD X GBJ A 12562-3P-1P			2.6	12.9	46.5

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COEFICIENTE PROMEDIO DE INFECCION PARA ROYA ESTRIADA (HOJA)

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PROMEDIO DE 17 LOCALIDADES

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	R O Y A S		
				P.str.	P.rec.	P. gr.
			NOBB:	( 6)	( 10)	( 9)
189	(CD/VG805B-CD X SK)(2) BW N 3037-6C-1C-1C			0.1	5.4	15.2
92	21563-AA"S" X FQ"S" CD 9799-126M-1M-3Y			0.1	3.7	0.6
85	21564-CR"S" X CANO137/RABI"S"-FQ"S" CD 1072B-A-3M-1Y-2M-0Y			0.1	10.2	11.7
192	AZTECA F67-LEDA T 5995-T-T-3T			0.1	26.4	39.5
87	JNK			0.1	17.4	0.4
187	DFN(YT54-N10 B X LR64/C14) 14-53- ODIN X CI 13431, SEL 6425: WA 4877 A 11322			0.1	4.7	29.3
89	OTA"S" X 21563-AA"S" CM 10143-6M-3Y-1M-2Y-0Y			0.1	15.7	16.3
176	BLUEBIRD-MANELLA T 5625-3C-2C-1C			0.1	9.7	14.9
174	SON 64-SS2 X RIEBESEL BWD 273-3C-1C-1C-1C			0.1	6.6	10.5
198	(JAR-CNO/CFN-CNO X SR 70)PQFN"S"- YAFEN X HN 110 T 8580-T-T-1T			0.1	26.7	31.0
172	ANDIFEN (C. V.)			0.1	46.9	23.7
86	CHAP-21563 X V 01658/RABI"S"-FQ"S" CD 10680-A-1M-1Y-1M-0Y.			0.1	15.8	2.7
178	BEZO 1/CNO(2) X SON64-KL. REND T 5557-3C-1C-3C-1C			0.1	10.9	30.2
75	CHAP-21563 X INRAT 69/DDW"S"15-CR "S" CD 4430-B-2Y-1M-0Y			0.1	12.6	4.8
80	(CFN5-MCA"S" X CR"S"/MARIO)JO"S" CD 10162-B-4M-1Y-1M-0Y			0.1	13.2	1.9
76	DDW"S"15-CR"S"			0.1	5.8	2.0
78	ATD"S" X AA"S"-PLC"S" CD 1859-1Y-9Y-2M-0Y			0.1	1.6	4.3
83	PCI"S"-RUFF"B" X OTA-D6715 CM 17904-B-3M-1Y			0.1	24.0	25.6
90	D-6811 D 6811-6A-2A			0.1	15.8	15.7
41	KVZ-BON [(21931-CHP53 X AN/0856) PJ62ISOTY] CM 33729-A-1M-2Y-1M-3Y-0M-0J			0.2	2.6	4.3
191	F1 1150-1B-LIFN/F1DJ(2)-V08316 X LIF J R 27-4C-2C-1C-1C			0.4	11.5	21.9
68	TOWHEE "S" CM 34709-G-15M-501Y-0M			0.5	14.3	17.3
208	[(BB-NOR67/TOB-CNO X INIA"S") SR] HNFN T 8750-T-T-2P			0.5	35.4	3.0
195	S 948 A1 X CNO(2)"S"-CNO F67I(V0 735 /FN-PR X 08) HN 110] T 7013-T-T-2T			0.5	50.3	26.0
242	BB#1-WALDRON LE 2009			0.7	5.0	0.2
84	JO"S"-CR"S" X CR"S"-05"S" CM 17274-5L-5L			0.7	18.6	23.4



TABLA 5

FECHA: 2/14/83

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	R O Y A S		
				P.str.	P.rec.	P. gr.
			NOBS:	( 6 )	( 10 )	( 9 )
88	IBIS"S"-USA 0154B X AA"S" CD 13510-F-2Y-3M-0Y			0.9	2.3	1.3
40	KVZ X CND-PJ62 SWM 1285-2Y-3M-1Y-0M-0J			1.0	0.8	3.6
145	PF 69157/SALAMDUNI-SEAFOAM X PAT7219			1.1	31.4	5.6
58	OLLANTA			1.4	50.9	5.9
188	LFN-5110 N 2033-4C-1C-1C-1C			1.4	2.8	27.2
96	[(CIA-INIA/CIA X NAD-CHR)CIA-B.MAN] PAT 10 B 14259-0S-0T-0L-3T-0L			1.6	14.0	5.1
81	CHAP-JO"S" X CR"S" CM 12857-10Y-2M-1Y-0Y			1.7	12.8	48.0
72	NAPD 63-SOTY 53920-4N-2N-1N-1N			2.0	47.0	3.3
177	BEZO-MEXIFEN N 2990-7C-2C-1C-1C			2.0	25.7	50.7
196	[(CND"S" X SON64-Y30/TTH-SON64 X CHR HN 110) NAD63-RABE T 6664-T-T-3T			2.1	51.0	25.0
205	(SON 64 X TZPP-NAI60/VG 8058-IDEF) NAD 63-RABE T 6720-T-T-BT			2.1	29.8	48.7
194	NAD63-RABE[(PI62 X TTH-SON64/CND"S") IBIS] T 6878-T-T-4T			2.1	42.3	38.8
183	LABRIE00 INIA (C.V.) (EX LUCAS INIA)			2.4	23.9	47.2
91	(CP-ST464 X IBIS/CR"S")(2) 1563-61- 130 X LDS			2.7	24.4	20.0
154	PCH(KT54-N10-B21-1C X KT54B/NAR59) T 2494-14T-4T-1V-0Y			2.7	16.9	4.4
204	119-66-HN100 X HNFN T 8934-T-T-1T			3.1	17.4	26.8
193	NAD63-RABE[(PI62 X TTH-SON64/CND"S") IBIS] T 6878-T-T-1T			3.1	22.6	44.8
18	JAR "S"-CT 244 BAL 7-12B-3B-1B-2B-3B-0B			3.1	5.1	9.3
93	GTA"S"-MEXI"S" CD 771-1Y-2Y-4M-0Y			3.4	25.6	2.0
173	ANCOA (C.V.)			3.4	32.3	19.7
157	AURIFEN			3.5	43.9	12.1
175	BEZO 1/CND(2) X SON 64 - KL.REND T 9557-1C-4C-1C-1C			3.7	30.2	12.7
95	CC-INIA X B 20 B 14253-0S-0T-0L-7T-0L			3.9	21.1	50.8
190	(CD/VGB05B-CD X SK)[AQ. AL. (MED/H. PAW X DRD/111-CMCH)] N 2631-2C-1C-2C			4.0	15.0	28.4
79	BNIFE "S" CM 3414-1Y-3M-0Y			4.2	4.7	1.3
211	CC-INIA X BB[(PI62 X TTH-SON64/KNOTT 2)HN 110] T 10299-T-BP-1T			4.7	43.5	18.1
82	68111-RUGBY X WARD			4.8	11.1	0.2
185	LFN-DIBO X KOL-LFN 70469-04W-1P-1H-0P			5.1	33.8	31.8

VBLE 06/INFORME PRELIMINAR

COEFICIENTE PROMEDIO DE INFECCION PARA ROYA ESTRIADA (ESPIGA)

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SUMARIO DE NOTAS

PROMEDIO DE 17 LOCALIDADES

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	R O Y A S			
				P.str.(E)	P.str.(H)	P.rec.	P. gr.
			NOBS:	( 1)	( 6)	( 10)	( 9)
122	IAS58-ALD CM 47065-1M-1Y-2F-701Y-1F-700Y			0.0	31.6	0.1	5.3
2	B. 284-FB-5P. 11252-513/63 X B. PUAN B 833-F10-7101-1/77			0.0	11.6	2.0	35.0
124	PF 70354-ALD BIB CM 47090-14M-1Y-1F-701Y-4F-700Y			0.0	23.1	0.1	2.2
4	ONCATIVO INTA X O. ARTILLERO-DICKINSON L10 B 864-FB-7287-2/76			0.0	14.5	0.2	12.6
5	KL. PET-RAF X TOB"S" (SD 648. 5-8156 R/ TZPP-KTT2 X P 4160) H 1599-OT-1BV-1BV-1BV			0.0	32.5	0.5	0.5
127	PF 70402-ALD BIB X PAT 72160-ALD BIB B 19789-M-504M-4Y-1F-701Y-1F-700Y			0.0	26.7	1.8	4.0
128	PF 70402-ALD BIB X PAT 72160-ALD BIB B 19789-M-504M-4Y-6F-701Y-1F-700Y			0.0	25.1	1.6	1.6
8	BOREN-NAI 60 X KL. FORTIN MJ 1411-OJ-2BV-2BV-1BV-2BV			0.0	8.8	0.3	4.4
9	CHASICO INTA			0.0	16.0	0.0	38.8
131	IAS63-ALD BIB X QTO-LV F 11915-A-500M-2Y-7F-702Y-12F-700Y			0.0	17.2	2.6	2.0
132	IAS63-ALD BIB X QTO-LV F 11905-A-500M-2Y-8F-702Y-3F-700Y			0.0	21.7	0.0	3.4
133	IAS63-ALD BIB X QTO-LV F 11915-A-500M-2Y-8F-702Y-4F-700Y			0.0	28.4	0.1	3.3
134	IAS63-ALD BIB X QTO-LV F 11915-A-502M-1Y-1F-701Y-2F-700Y			0.0	18.5	0.2	2.5
135	IAS63-ALD BIB X QTO-LV F 11915-A-502M-1Y-1F-701Y-3F-700Y			0.0	21.8	0.2	2.7
136	PATO R-IAC5			0.0	17.4	19.3	24.9
16	NURI-NO 66 CM 4600-2B-3B-4B-2B-0B			0.0	24.8	17.7	1.8
137	(J9163. 67/SA3423 X NB-NAI60)PAT 12"S			0.0	42.1	11.6	24.3
18	JAR "S"-CT 244 BAL 7-12B-3B-1B-2B-3B-0B			0.0	3.1	5.1	9.3
170	T. AESTIVUM-MOCHIS 73 X NAC76 CM 43367-E-3Y-1M-2Y-0M			0.0	7.4	13.1	6.0
141	PF 6968(2)-HAD			0.0	13.0	4.6	10.3
142	PF 6968(2)-HAD			0.0	11.6	5.8	12.3
143	PF 69126-DES X IAS55			0.0	27.7	0.3	3.5
83	PCI"B"-RUFF"S" X QTA-D6715 CM 17904-B-3M-1Y			0.0	0.1	24.0	25.6
145	PF 69157/BALAMDUNI-SEAFOAM X PAT7219			0.0	1.1	31.4	5.6
146	PF 69126-DES X IAS55			0.0	28.1	0.1	2.3
147	PF 69126-DES X IAS55			0.0	16.7	0.6	2.2
148	PATO-C37. 1. 67			0.0	19.2	10.0	3.0

TABLA 6

FECHA: 2/14/83

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	R O Y A S			
				P.str.(E)	P.str.(H)	P.rec.	P. gr.
			NOBS:	( 1)	( 6)	( 10)	( 9)
88	IBIS"S"-USA 0154B X AA"S" CD 13510-F-2Y-5M-0Y			0.0	0.9	2.3	1.3
89	GTA"S" X 21563-AA"S" CM 10143-6M-3Y-1M-2Y-0Y			0.0	0.1	15.7	16.3
173	ANCOA (C. V.)			0.0	3.4	32.3	19.7
121	(IAS58-IAS55 X ALD/IAC 5)ALD SIB- IAS58 X ALD SIB CM 55517-B-1F-703Y-4F-700Y			0.0	38.2	3.5	1.5
168	WG-RM X KAL-BB SWM 1445-BY-2M-500Y-502M-500Y- 500M-500Y-0M			0.0	22.6	20.4	9.1
63	VALLUND			0.0	48.0	28.3	17.7
94	[(GFN-QLL"S" X TOTURO/BR"S")TC60] CIT"S" CD 4465-E-11Y-5M-1Y-0M			0.0	9.1	12.9	25.3
215	E. TAR-BB # 1 LE 1530			0.0	27.0	3.6	2.0
126	PF 70354-ALD SIB CM 47090-14M-1Y-1F-704Y-2F-700Y			0.0	26.6	0.0	3.0
118	D. 6301-NAI60 X WG-RM/CND(2)-CHR = AL 1A			0.0	24.4	5.0	2.4
174	BON 64-BS2 X RIEBESEL BWD 273-3C-1C-1C-1C			0.0	0.1	6.6	10.5
129	PAT 19-ALD SIB X GABOTO-LV F 11860-F-500M-1Y-3F-702Y-3F- 700Y			0.0	19.7	0.1	2.7
130	IAS57-MENG X ALD SIB F 11905-G-503M-1Y-6F-704Y-1F- 700Y			0.0	10.2	1.2	2.3
41	KVZ-BON [(21931-CHP53 X AN/QB56) PJ62]SOTY) CM 33729-A-1M-2Y-1M-3Y-0M-0J			0.0	0.2	2.6	4.3
87	JNK			0.0	0.1	17.4	0.4
98	OLLANTA			0.0	1.4	50.9	5.9
125	PF 70354-ALD SIB CM 47090-14M-1Y-1F-701Y-6F-700Y			0.0	22.1	0.1	2.3
169	TANAGER "S" CM 30699-2M-1Y-3M-1Y-2B-1Y-0M			0.0	13.4	27.7	6.4
167	V10(BON 64 X SKE(6)-ANE/TZPP-BON 64) A 1440-2P-5P			0.0	19.6	55.5	12.6
175	BEZO 1/CND(2) X BON 64 - KL.REND T 5557-1C-4C-1C-1C			0.0	3.7	30.2	12.7
123	PF 70354-ALD SIB CM 47090-13M-1Y-1F-702Y-7F-700Y			0.0	36.6	2.2	9.2
80	(CFN5-MCA"S" X CR"S"/MARIO)JD"S" CD 10162-B-4M-1Y-1M-0Y			0.0	0.1	13.2	1.9
85	21564-CR"S" X CAND137/RABI"S"-FG"S" CD 10728-A-3M-1Y-2M-0Y			0.0	0.1	10.2	11.7
75	CHAP-21563 X INRAT 69/DDW"S"15-CR "B" CD 4430-B-2Y-1M-0Y			1.0	0.1	12.6	4.8
90	D-6B11 D 6B11-6A-2A			1.0	0.1	15.8	15.7
159	(PTF/DFN X FKN-N10)BON A 14735-5P-1P-3P-2P			1.0	11.9	54.1	1.9
153	23584-CND"S"[(MY54-NDR10 X Y50/K.LIN ) FR-KAD X GB] A 12562-3P-1P			1.0	12.9	46.5	2.6

COEFICIENTE PROMEDIO DE INFECCION PARA OIDIO

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VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	% OIDIO	R O Y A S			SEPT. spp
					P.str.	P.rec.	P.gr.	
			NOBS:	( 4)	( 6)	( 10)	( 9)	( 3)
122	IAS58-ALD CM 47065-1M-1Y-2F-701Y-1F-700Y			2.8	31.6	0.1	5.3	14.7
130	IAS57-MENG X ALD SIB F 11905-G-503M-1Y-6F-704Y-1F-700Y			2.8	10.2	1.2	2.3	18.3
124	PF 70354-ALD SIB CM 47090-14M-1Y-1F-701Y-4F-700Y			2.8	23.1	0.1	2.2	18.3
132	IAS63-ALD SIB X QTO-LV F 11905-A-500M-2Y-8F-702Y-3F-700Y			2.8	21.7	0.0	3.4	26.0
134	IAS63-ALD SIB X QTO-LV F 11915-A-502M-1Y-1F-701Y-2F-700Y			2.8	18.5	0.2	2.5	25.7
128	PF 70402-ALD SIB X PAT 72160-ALD SIB B 19789-M-504M-4Y-6F-701Y-1F-700Y			2.8	25.1	1.6	1.6	26.0
121	(IAS58-IAS55 X ALD/IAC 5)ALD SIB- IAS58 X ALD SIB CM 55517-B-1F-703Y-4F-700Y			2.8	38.2	3.5	1.5	33.0
127	PF 70402-ALD SIB X PAT 72160-ALD SIB B 19789-M-504M-4Y-1F-701Y-1F-700Y			3.7	26.7	1.8	4.0	25.7
133	IAS63-ALD SIB X QTO-LV F 11915-A-500M-2Y-8F-702Y-4F-700Y			5.5	28.4	0.1	3.3	29.7
170	T. AESTIVUM-MOCHIS 73 X NAC76 CM 43367-E-3Y-1M-2Y-0M			7.8	7.4	13.1	6.0	44.3
118	D. 6301-NAI60 X WG-RM/CND(2)-CHR = AL 1A			8.3	24.4	5.0	2.4	22.3
123	PF 70354-ALD SIB CM 47090-13M-1Y-1F-702Y-7F-700Y			8.3	36.6	2.2	9.2	14.7
40	KVZ X CND-PJ62 SWM 1285-2Y-3M-1Y-0M-0J			10.5	1.0	0.8	3.6	18.3
125	PF 70354-ALD SIB CM 47090-14M-1Y-1F-701Y-6F-700Y			11.0	22.1	0.1	2.3	25.7
6	BLE TENDRE-7C X RON CM 16418-D-1BV-1BV-1BV-0BV			11.0	30.4	3.0	5.4	25.7
29	(TH(6)-KF X LEE(6)-KF/CAL)ALD"S" SWM 3410-14Y-4M-4Y-3Y-1M-0Y-1P-0P			11.0	15.5	0.6	3.6	18.3
135	IAS63-ALD SIB X QTO-LV F 11915-A-502M-1Y-1F-701Y-3F-700Y			11.0	21.8	0.2	2.7	29.7
41	KVZ-BDN ((21931-CHP53 X AN/QB56) PJ62)SOTY) CM 33729-A-1M-2Y-1M-3Y-0M-0J			11.0	0.2	2.6	4.3	33.3
142	PF 6968(2)-HAD			11.0	11.6	5.8	12.3	25.7
126	PF 70354-ALD SIB CM 47090-14M-1Y-1F-704Y-2F-700Y			16.0	26.6	0.0	3.0	14.7
36	NAD 63 X BB-INIA CM 7161-9M-1Y-6M-4Y-0J			18.3	9.7	3.3	0.3	22.3
47	(NDB1-MAS 5 X SOTY/PTES)SOREN-NAI 60 MJ 1494-1N-1N-4B-2N-0J			21.0	8.7	30.3	12.2	29.7
224	E. DOLORES-WALDRON LE 1927			21.0	10.5	1.8	5.5	26.0
131	IAS63-ALD SIB X QTO-LV F 11915-A-500M-2Y-7F-702Y-12F-700Y			21.5	17.2	2.6	2.0	29.7

TABLA 7

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VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	%	R O Y A S			SEPT. spp.	
					P.str.	P.rec.	P.gr.		
				NOBS:	( 4 )	( 6 )	( 10 )	( 9 )	( 3 )
129	PAT 19-ALD SIB X GABOTO-LV F 11860-F-500M-1Y-3F-702Y-3F-700Y			21.5	19.7	0.1	2.7	22.3	
144	PF 69126-DES X IAS55			22.3	40.5	12.0	6.0	22.3	
26	JAR"S"-MJ"S" X NDB1-JAR"S" A 79-2P-2B-2B-1P-OP			23.3	29.4	25.3	5.4	33.3	
4	DNCATIVO INTA X O. ARTILLERO-DICKINSD L10 B 864-FB-7287-2/76			23.8	14.5	0.2	12.6	14.7	
242	BB#1-WALDRON LE 2009			25.5	0.7	5.0	0.2	25.7	
232	BUCK MAN X JUSTIN-ND142 LE 1986			25.5	13.2	8.5	2.7	26.0	
145	PF 69157/SALAMOUNI-SEAFOAM X PAT7219 B SOREN-NAI 60 X KL. FORTIN MJ 1411-OJ-2BV-2BV-1BV-2BV			26.5	1.1	31.4	5.6	25.7	
236	BUCK MAN X O. ARTILLERO-IFLE9996 LE 1992			28.3	45.0	0.1	8.0	22.0	
136	PATO R-IAC5			29.3	17.4	19.3	24.9	33.3	
226	E. ZORZAL X O. ARTILLERO-IFLE9996 LE 1935			31.0	38.7	2.5	4.1	37.0	
235	SON64-K. REND X 23584/WALDRON LE 1990			31.0	9.4	12.6	0.9	22.0	
180	FKN-N10B X Y54/WTE-KT54(2) GP 65-3C-1C-1C-1C			31.5	11.7	39.5	32.9	22.0	
191	F1 1150-1B-LIFN/F1DJ(2)-V08316 X LIF J R 27-4C-2C-1C-1C			31.5	0.4	11.5	21.9	25.7	
140	PF 6968(2)-HAD			32.3	12.7	0.7	8.6	25.7	
37	SOREN-NAI X PTES MJ 1412-2N-3N-2N-OJ			33.3	16.4	1.1	0.5	22.3	
49	[(JAR-NPD/LR-TZPP X AN)JAR 66] SON 6 -CC X JUS/JAR"S" MJ 1757-7J-1B-1J-4B-OJ			36.0	34.4	1.3	4.9	37.0	
237	BUCK MAN X O. ARTILLERO-IFLE9996 LE 1993			36.0	12.7	8.1	3.3	37.0	
208	[(BB-NOR67/TOB-CND X INIA"S") BRJ HNFN T 8750-T-T-2P			36.0	0.5	35.4	3.0	26.0	
7	B. PUAN/SON 64 X SKE- LR 64A "S" B 819-F7-7505-1/74			36.5	22.5	2.6	3.2	22.3	
48	CND-SOTY X EL GAU/SOREN-NAI 60 MJ 1392-2N-2N-1B-4N-OJ			36.5	9.4	17.7	7.8	29.3	
1	B. PUAN/SON 64 X SKE- LR 64A"S" B 819-F7-7505-3/74			36.8	12.4	4.9	24.0	18.3	
13	JAR"S" - CC"S" MJ 756-4B-2B-2B-OB			37.3	21.1	27.7	3.6	25.7	
108	FEL 74142			37.3	21.8	22.0	23.9	26.0	
219	LR-SON64 X E. DAKURU LE 1901			38.8	21.1	8.3	0.6	41.0	
176	BLUEBIRD-MANELLA T 5625-3C-2C-1C			38.8	0.1	9.7	14.9	22.3	
214	SON64-TZPP X NAI/E. DAKURU LE 1474			38.8	15.0	0.9	3.3	0	
46	TI71-NAD63 CM 18124-12M-1Y-5J-1J-OJ			38.8	7.7	3.9	2.6	14.7	
218	SON64-K. REND X E. SABIA LE 1897			39.3	10.2	17.0	0.8	22.0	

## VBLE 17 INFORME PRELIMINAR COEFICIENTE PROMEDIO DE INFECCION PARA SEPTORIA SPP.

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VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	SEPT. SPP.	R O Y A S			% OIDIUM
					P.str.	P.rec.	P.gr	
			NDBS:	( 3)	( 6)	( 10)	( 9)	( 4)
188	LFN-5110 N 2033-4C-1C-1C-1C			7.3	1.4	2.8	27.2	59.3
184	OFN(YT54-N108 X LR64/C14) 14-53-ODIN X CI 13431, BEL 6425:WA 4877 A 11322-11C-1C-1C-1C			7.3	10.4	9.4	40.8	52.3
185	LFN-DIBO X KDL-LFN 70469-04W-1P-1H-0P			11.0	5.1	33.8	31.8	51.5
123	PF 70354-ALD SIB CM 47090-13M-1Y-1F-702Y-7F-700Y			14.7	36.6	2.2	9.2	8.3
5	KL. PET-RAF X TOB"S"(SD 648.5-8156 R/ TZPP-KTT2 X P 4160) H 1599-0T-1BV-1BV-1BV			14.7	32.5	0.5	0.5	47.3
126	PF 70354-ALD SIB CM 47090-14M-1Y-1F-704Y-2F-700Y			14.7	26.6	0.0	3.0	16.0
122	IAS58-ALD CM 47065-1M-1Y-2F-701Y-1F-700Y			14.7	31.6	0.1	5.3	2.8
204	119-66-HN100 X HNFN T 8934-T-T-1T			14.7	3.1	17.4	26.8	52.3
197	CC-INIA X CAL/NAD63-RABE T 8378-T-T-3T			14.7	16.0	47.0	34.5	67.8
146	PF 69126-DES X IAS55			14.7	28.1	0.1	2.3	52.3
206	[(CHRIS X TTH-S0N64/8156)HN 110] PGFN"S"-YAFEN X HN110)NDR67-RABE X CHRIS-S 948-A1/IBIS T 7336-T-T-3T			14.7	15.1	37.4	53.1	67.8
193	NAD63-RABE[(PI62 X TTH-S0N64/CNO"S") IBIS] T 6878-T-T-1T			14.7	3.1	22.6	44.8	60.0
200	(TOB-8156/PATO(R) X INIA-TZPP)[(VQ 7 53/FN-PR X 08)HN 110]			14.7	10.1	37.6	18.5	70.0
46	T171-NAD63 CM 18124-12M-1Y-5J-1J-0J			14.7	7.7	3.9	2.6	38.8
203	(TOB-CNO"S" X CNO-7C/CC-TOB)PJ62- 4777 X MD(2)-FN/HN 110 T 8887-T-T-1T			14.7	11.7	34.7	42.8	75.8
79	BNIFE "S" CM 3414-1Y-3M-0Y			14.7	4.2	4.7	1.3	58.3
4	ONCATIVO INTA X O. ARTILLERO-DICKINBO L10 B 864-FB-7287-2/76			14.7	14.5	0.2	12.6	23.8
189	(CD/VGB058-CD X SK)(2) BW N 3037-6C-1C-1C			16.5	0.1	5.4	15.2	54.3
192	AZTECA F67-LEDA T 5993-T-T-3T			18.3	0.1	26.4	39.5	60.0
225	MULT 14/MARROGUI-M. ESC X RIO NEGRO LE 1930			18.3	22.7	0.1	6.9	44.3
202	NDR 67 X TOB-8156/LLFN-HN110 T 8808-T-T-1T			18.3	7.1	38.0	34.2	52.8
196	[(CNO"S" X SON64-Y50/TTH-S0N64 X CHR HN 110) NAD63-RABE T 6664-T-T-3T			18.3	2.1	51.0	25.0	67.8
9	CHASICO INTA			18.3	16.0	0.0	38.8	39.5
77	ANHINGA "B"			18.3	7.8	8.1	0.5	57.8
199	NDR 67-YR[(VQ 7353/FN-PR X 08)HN 110 T 8663-T-T-2T			18.3	23.4	48.9	27.0	65.0

TABLA 8

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VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	SEPT. SPP.	R O Y A S			§ OIDIO
					P.str.	P.rec.	P.gr.	
			NOBS:	( 3 )	( 6 )	( 10 )	( 9 )	( 4 )
147	PF 69126-DES X IAS55			18.3	16.7	0.6	2.2	50.0
194	NAD63-RABE[(PI62 X TTH-SDN64/CND"S") IBISJ T 6878-T-T-4T			18.3	2.1	42.3	38.8	67.8
88	IBIS"S"-USA 01548 X AA"S" CD 13510-F-2Y-5M-0Y			18.3	0.9	2.3	1.3	45.0
29	(TH(6)-KF X LEE(6)-KF/CAL)ALD"S" SWM 3410-14Y-4M-4Y-3Y-1M-0Y-1P- OP			18.3	15.5	0.6	3.6	11.0
181	T 1500			18.3	17.0	56.1	45.7	70.8
205	(SDN 64 X TZPP-NAI60/VQ 8058-IDEF) NAD 63-RABE T 6720-T-T-BT			18.3	2.1	29.8	48.7	75.0
1	B. PUAN/SDN 64 X SKE- LR 64A"S" B 819-F7-7505-3/74			18.3	12.4	4.9	24.0	36.8
124	PF 70354-ALD SIB CM 47090-14M-1Y-1F-701Y-4F-700Y			18.3	23.1	0.1	2.2	2.8
178	BEZO 1/CND(2) X SDN64-KL. REND T 5557-3C-1C-3C-1C			18.3	0.1	10.9	30.2	67.0
215	E. TAR-BB # 1 LE 1530			18.3	27.0	3.6	2.0	73.5
187	DFN(YT54-N10 B X LR64/C14) 14-53- ODIN X CI 13431. SEL 6425: WA 4877 A 11322			18.3	0.1	4.7	29.3	49.3
201	TDB-8156/PATO(R) X INIA-TZPP)BDFN"S" T 8704-T-T-1T			18.3	6.7	32.4	16.1	75.0
98	IAC5/IAS20-PATO B X BB-INIA B 14402-05-0M-102T-OL			18.3	28.7	12.6	31.3	65.5
83	PCI"S"-RUFF"S" X GTA-D6715 CM 17904-B-3M-1Y			18.3	0.1	24.0	25.6	47.8
130	IAS57-MENG X ALD SIB F 11905-G-503M-1Y-6F-704Y-1F- 700Y			18.3	10.2	1.2	2.3	2.8
207	ND66 X 119-66-HN IV(2) T 8302-T-T-1P			18.3	8.7	44.3	7.4	46.5
94	[(GFN-OLL"S" X TOTURQ/BR"S")TC60] CIT"S" CD 4465-E-11Y-5M-1Y-0M			18.3	9.1	12.9	25.3	81.8
179	FKN-N10B X Y54/WTE-KT54(2) GP-65-3C-2C-1C-6C			18.3	17.4	25.4	1.0	46.5
76	DDW"S"15-CR"S"			18.3	0.1	5.8	2.0	81.8
40	KVZ X CND-PJ62 SWM 1285-2Y-3M-1Y-0M-0J			18.3	1.0	0.8	3.6	10.5
82	68111-RUGBY X WARD			18.3	4.8	11.1	0.2	52.3
80	(CFN5-MCA"S" X CR"8"/MARIO)JD"S" CD 10162-B-4M-1Y-1M-0Y			18.3	0.1	13.2	1.9	52.8
85	21564-CR"S" X CAND137/RABI"S"-FC"S" CD 10728-A-3M-1Y-2M-0Y			18.3	0.1	10.2	11.7	65.5
115	PF 69196/IAS46-IAS49 X IAS46-TOKAI66 F 2605-62F-OR-1F-OR-305F-OF			18.3	59.7	24.4	6.4	63.0
52	[(JAR-NPD/LR-TZPP X AN)JARJSDN 64- CC X JUS/JAR"S" MJ 1744-14J-1B-2J-1B-1J-0J			22.0	18.0	13.5	54.0	65.0
195	S 948 A1 X CND(2)"S"-CND F67[(VQ 735 /FN-PR X GB) HN 110] T 7013-T-T-2T			22.0	0.5	50.3	26.0	65.5
180	FKN-N10B X Y54/WTE-KT54(2) GP 65-5C-1C-1C-1C			22.0	11.7	39.5	32.9	31.5

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VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	% FUSARIOSIS
			NOBS: ( 2)	
6	BLE TENDRE-7C X RON CM 1641B-D-1BV-1BV-OBV			5.5
2	B. 284-F8-SP. 11252-313/63 X B. PUAN B 833-F10-7101-1/77			11.0
1	B. PUAN/SON 64 X SKE- LR 64A"S" B 819-F7-7505-3/74			16.5
116	IAS20-TP X PF70100 F 3087-OR-3F-OR-1F-OR-OF			18.0
113	PF 70124-CNT10 F 6063-3F-1F-OR-3F-OR-OF			18.0
123	PF 70354-ALD SIB CM 47090-13M-1Y-1F-702Y-7F-700Y			18.0
128	PF 70402-ALD SIB X PAT 72160-ALD SIB B 19789-M-504M-4Y-6F-701Y-1F-700Y			18.0
142	PF 696B(2)-HAD			18.0
130	IAS57-MENG X ALD SIB F 11705-G-503M-1Y-6F-704Y-1F-700Y			18.0
146	PF 69126-DES X IAS55			18.0
99	PEL 72380-ATR71 B 13374-OA-OL-15T-OL			18.0
36	NAD 63 X BB-INIA CM 7161-9M-1Y-6M-4Y-OJ			18.0
134	IAS63-ALD SIB X 0T0-LV F 11915-A-502M-1Y-1F-701Y-2F-700Y			18.0
28	DTE-PTES(SOTY X TZC(3) - SK/PPI) A 1548-13P-1B-2B-1P-OP			18.0
96	[(CIA-INIA/CIA X NAD-CHR)CIA-B. MAN] PAT 10 B 14259-OS-0T-OL-3T-OL			18.0
224	E. DOLORES-WALDRON LE 1927			18.0
26	JAR"S"-MJ"S" X NDB1-JAR"S" A 79-2F-2B-2B-1P-OP			22.0
23	ARIANA66 X CND"S"-JAR 66 H 2118-10P-1B-1P-1P-OP			22.0
35	COWBIRD "S" CM 16716-G-3M-2Y-2I-2I-OJ			23.5
140	PF 696B(2)-HAD			23.5
33	TZPP-P72/61B 2 72-1T-1T-2T-2T			23.5
49	[(JAR-NPO/LR-TZPP X AN)JAR 66] SON 6 -CC X JUS/JAR"S" MJ 1757-7J-1B-1J-4B-OJ			23.5
141	PF 696B(2)-HAD			23.5
122	IAS58-ALD CM 47065-1M-1Y-2F-701Y-1F-700Y			23.5
69	TOLUCA 73-MONCHO "S" CM 35422-10M-11Y-OM			23.5
124	PF 70354-ALD SIB CM 47090-14M-1Y-1F-701Y-4F-700Y			23.5
7	B. PUAN/SON 64 X SKE- LR 64A "S" B 819-F7-7505-1/74			23.5



VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	% FUSARIOSIS
			NOBS:	( 2 )
104	IAS20-TP P 68-24-10F-2F-OR-1F-OR-OF			23.5
136	PATO R-IAC5			23.5
31	P68 /1482-PPI 2 71-74T-1T-1T-2T			23.5
8	SOREN-NAI 60 X KL.FORTIN MJ 1411-0J-2BV-2BV-1BV-2BV			23.5
218	SON64-K.REND X E.SABIA LE 1897			23.5
68	TOWHEE "S" CM 34709-G-15M-501Y-OM			23.5
97	IAC5(TP X CIA-ND 66/YR) B 14407-OS-OT-OL-1T-OL			23.5
110	C.FROCOR L5052-845			23.5
143	PF 69126-DES X IAS55			23.5
240	NOVAFEN-MULT 14 LE 1999			23.5
52	[(JAR-NPD/LR-TZPP X AN)JARJISON 64- CC X JUS/JAR"S" MJ 1744-14J-1B-2J-1B-1J-OJ			23.5
82	68111-RUGBY X WARD			23.5
185	LFN-DIBO X KOL-LFN 70469-04W-1P-1H-OP			25.0
139	PEL 72380-ATR 71			25.0
98	IAC5/IAS20-PATO B X BB-INIA B 14402-OS-OM-102T-OL			25.0
175	BEZO 1/CNO(2) X SDN 64 - KL.REND T 5557-1C-4C-1C-1C			25.0
196	[(CNO"S" X SON64-Y50/TTH-SON64 X CHR HN 110) NAD63-RABE T 6664-T-T-3T			25.0
197	CC-INIA X CAL/NAD63-RABE T 8378-T-T-3T			25.0
10	MG41-M. JUAREZ INTA BAL 16-1B-4B-0B			25.0
186	MD (VG 8881-N10 B11 X P14/SEL 101) CI 13439, SEL 6539, WA 4995			25.0
201	TDB-8156/PATO(R) X INIA-TZPP)BDFN"S" T 8704-T-T-1T			25.0
198	(JAR-CNO/CFN-CNO X SR 70)PGFN"S"- YAFEN X HN 110 T 8580-T-T-1T			25.0
21	JAR"S"-CHR X CND 64 H 2138-12P-1B-2P-1P-OP			28.0
125	PF 70354-ALD SIB CM 47090-14M-1Y-1F-701Y-6F-700Y			29.0
131	IAS63-ALD SIB X QTO-LV F 11915-A-500M-2Y-7F-702Y-12F- 700Y			29.0
60	SAQUAYO			29.0
223	SON64-K.REND X LIT.PRECOZ LE 1921			29.0
145	PF 69157/SALAMOUNI-SEAFOAM X PAT7219			29.0
48	CNO-SOTY X EL CAU/SOREN-NAI 60 MJ 1392-2N-2N-1B-4N-OJ			29.0
79	SNIFE "S" CM 3414-1Y-3M-OY			29.0

COEFICIENTE PROMEDIO DE SELECCION DE LINEAS

1er LACOS - 1981  
SUMARIO DE NOTAS  
PROMEDIO DE 17 LOCALIDADES

VAR. N°	VARIEDAD O CRUZA Y PEDIGREE	GRANO	ORIGEN	SELEC. LINEAS
NOBS: ( 6)				
122	IAS58-ALD CM 47065-1M-1Y-2F-701Y-1F-700Y			0.5
71	MONCHO "S" CM 8288-A-3M-5Y-4M-0Y-1PTZ-0V			0.5
169	TANAGER "S" CM 30699-2M-1Y-3M-1Y-2B-1Y-0M			0.5
168	WG-RM X KAL-BB SWM 1445-8Y-2M-500Y-502M-500Y-500M-500Y-0M			0.5
173	ANCOA (C. V. )			0.5
74	BB-GALLO X CARP "S"/PAVDN "S" CM 3348-C-7M-1Y-0M			0.5
46	T171-NAD63 CM 18124-12M-1Y-5J-1J-0J			0.5
167	V10(SDN 64 X SKE(6)-ANE/TZPP-SDN 64) A 1440-2P-5P			0.5
121	(IAS58-IAS55 X ALD/IAC 5)ALD SIB- IAS58 X ALD SIB CM 55517-B-1F-703Y-4F-700Y			0.5
29	(TH(6)-KF X LEE(6)-KF/CAL)ALD"S" SWM 3410-14Y-4M-4Y-3Y-1M-0Y-1P-0P			0.5
67	EMU "S" CM 8399-A-4M-3Y-1M-1Y-0M			0.5
151	NT-S 53(CHEG285-GTD/KL-PET-RAF X SDN 4)			0.5
65	MONCHO "S" CM 8288-A-3M-6Y-5M-1Y-0M			0.7
118	D.6301-NAI60 X WG-RM/CND(2)-CHR = AL 1A			0.7
20	CC X CND-SDN 64/ND66-CND X SDREN H 2101-1P-5B-1P-1P-0P			0.7
138	PAT 47-LV			0.7
40	KVZ X CND-PJ62 SWM 1283-2Y-3M-1Y-0M-0J			0.7
175	BEZO 1/CND(2) X SDN 64 - KL.REND T 5557-1C-4C-1C-1C			0.7
41	KVZ-BDN [(21931-CHP53 X AN/GB56) PJ62]SDTY) CM 33729-A-1M-2Y-1M-3Y-0M-0J			0.8
68	TOWHEE "S" CM 34709-0-15M-501Y-0M			0.8
128	PF 70402-ALD SIB X PAT 72160-ALD SIB B 19789-M-504M-4Y-6F-701Y-1F-700Y			0.8
126	PF 70354-ALD SIB CM 47090-14M-1Y-1F-704Y-2F-700Y			1.0
127	PF.70402-ALD SIB X PAT 72160-ALD SIP B 19789-M-504M-4Y-1F-701Y-1F-700Y			1.0

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