

**RESULTS
OF
THE TENTH
INTERNATIONAL
TRITICALE
SCREENING
NURSERY**

ITSN 1978-79



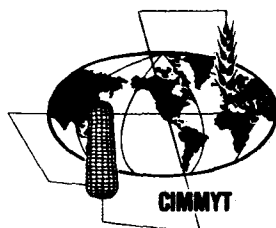
CENTRO INTERNACIONAL DE MEJORAMIENTO DE MAIZ Y TRIGO
INTERNATIONAL MAIZE AND WHEAT IMPROVEMENT CENTER
Londres 40 Apartado Postal 6-641 México 6, D. F., México

Information Bulletin No. 65

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INTERNATIONAL TRITICALE

SCREENING NURSERY (ITSN) 1978-79



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**GLOSSARY OF VARIABLE NAMES USED IN THE TABLES.
GLOSARIO DE LOS NOMBRES DE LAS VARIABLES USADOS EN LAS TABLAS.
GLOSSAIRE DES NOMS DES VARIABLES UTILISES DANS LES TABLEAUX.**

TABLE ABBREVIATION	VARIABLE NAME	NOMBRE DE LA VARIABLE	NOM DE LA VARIABLE
ALT BLT	Alternaria blight (0-9 scale)	Tizón por Alternaria (escala 0-9)	Alternaria (échelle 0-9)
ANT DMGE	Ant Damage percentage	Porcentaje de daño de hormigas	Dégâts dûs aux fourmis en pourcentage
APHD DMGE	Aphid damage percentage	Porcentaje de daño de áfidos	Dégâts dûs aux pucerons en pourcentage
ARMY WORM	Army worm percentage	Porcentaje de gusano cogollero	Chenille soldat en pourcentage
BACT STRP	Bacterial stripe (0-9 scale)	Rayado bacteriano (escala 0-9)	Rayée bacterienne (échelle 0-9)
BIRD DMGE	Bird damage percentage	Porcentaje de daño de pájaros	Dégâts dûs aux oiseaux en pourcentage
BYDV	Barley yellow dwarf virus (0-9 scale)	Enanismo amarillo de la cebada (escala 0-9)	Virose jaune de l'orge (échelle 0-9)
COVD SMUT	Covered smut percentage	Porcentaje de carbón cubierto	Charbon couvert en pourcentage
EARS/M ²	Ears per square meter	Espigas o mazorcas por metro cuadrado	Epis par mètre ²
FALL NO	Falling number (seconds)	Actividad alfa amilasa (segundos)	Activité du α amylase (en secondes)
FERT %/o	Fertility percentage	Porcentaje de fertilidad	Fertilité en pourcentage
FLOW DAYS	Number days to flower	Días a floración	Nombre de jours a la floraison
FRST DMGE	Frost damage percentage	Porcentaje de daño por heladas	Dégâts par la gelée en pourcentage
FUS NIV	Fusarium nivale spot	Mancha foliar (Fusarium nivale)	Tache de la feuille (Fusarium nivale)
FUS WILT	Fusarium wilt percentage	Porcentaje de marchitez por Fusarium	Fusarium en pourcentage
GERM %/o	Germination percentage	Porcentaje de germinación	Germination en pourcentage
HAIL DMGE	Hail damage percentage	Porcentaje de daño por granizo	Dégâts dûs à la grêle en pourcentage
HELM	Helminthosporium (0-9 scale)	Helminthosporium (escala 0-9)	Helminthosporium (échelle 0-9)
HELM TERES	Leaf spot Helminthosporium teres	Mancha foliar (Helminthosporium teres)	Tache de la feuille (Helminthosporium teres)
KERN APP	Kernel appearance	Apariencia del grano	Apparence du grain
LEAF FIRE	Leaf fire (0-9 scale)	Tizón foliar (escala 0-9)	Sécheresse des feuilles (échelle 0-9)
LEAF RUST	Leaf rust (Cobb scale)	Roya de la hoja (escala de Cobb)	Rouille brune (échelle de Cobb)
LEAF RUST/P. HORDEI	Barley leaf rust (Puccinia hordei)	Roya de la hoja (cebada)	Rouille brune de l'orge
LQDG %/o	Lodging percentage	Porcentaje de acame	Versé en pourcentage
LSE SMUT	Loose smut percentage	Porcentaje de carbón volador	Charbon nu en pourcentage
MAT DAYS	Number days to maturity	Número de días a la madurez	Nombre de jours à la maturation
MST %/o	Moisture percentage	Porcentaje de humedad	Humidité en pourcentage
NECK BRK	Neck break percentage	Porcentaje de rotura del cuello	Cassure du pédoncule en pourcentage
NET BLOT	Net blotch (0-9 scale)	Mancha reticular (escala 0-9)	Helminthosporium de l'orge (échelle 0-9)
PLNT DENS	Plant density (stems/square meter)	Densidad de plantas (tallos/metro cuadrado)	Population des plantes (tiges/mètre ²)
PLNT HT	Height (cm)	Altura (cm)	Hauteur (cm)
PLNT WT	Plant weight (grams)	Peso de la planta (gramos)	Poids de la plante (grames)
POWD %/o	Powdery mildew percentage	Porcentaje de mildiú polvoriento	Oidium en pourcentage
PROT %/o	Protein percentage	Porcentaje de proteína	Protein en pourcentage
ROOT ROT	Root rot percentage	Porcentaje de pudrición de maíz	Putréfaction du maïs en pourcentage
SCAB %/o	Scab percentage	Porcentaje de roña	Fusarium de l'épi en pourcentage
SCLD %/o	Scald percentage	Porcentaje de escaldadura	Rhynchosporium en pourcentage
SDMT INDX	Sedimentation index (cc)	Índice de sedimentación (cc)	Indice de sédimentation (cc)
SEED TYPE	Seed type (L=large, M=medium, S=small)	Tipo de semilla (L=grande, M=mediano, S=pequeño)	Type de grain (L=large, M=moyen, S=petit)
SEPT NODO	Septoria nodorum (0-9 scale)	Septoria nodorum (escala 0-9)	Septoria nodorum (échelle 0-9)
SEPT SPP.	Septoria spp. (0-9 scale)	Septoria spp. (escala 0-9)	Septoria spp. (échelle 0-9)
SEPT TRIT	Septoria tritici (0-9 scale)	Septoria tritici (escala 0-9)	Septoria tritici (échelle 0-9)
SHTR %/o	Shattering percentage	Porcentaje de desgrane	Chute de grains en pourcentage
SMLS SMUT	Semi-loose smut percentage	Porcentaje de carbón semi-volador	Charbon semi-nu en pourcentage
SPOT BLOT	Spot blotch (0-9 scale)	Tizón de la hoja (escala 0-9)	Tache de la feuille (échelle 0-9)
SPOT BLOTCH/HELM SATV	Spot blotch (0-9 scale)	Tizón de la hoja (escala 0-9)	Tache de la feuille (échelle 0-9)
STEM RUST	Stem rust (Cobb scale)	Roya del tallo (escala de Cobb)	Rouille noire (échelle de Cobb)
STRP RT.H	Stripe rust (head) percentage	Porcentaje de roya lineal (espiga)	Rouille jaune sur l'épi en pourcentage
STRP RT. L	Stripe rust (leaf) (Cobb scale)	Roya lineal (hoja) (escala de Cobb)	Rouille jaune sur feuilles (échelle de Cobb)
TEST WT	Test weight (kg/hl)	Peso hectolítrico (kg/hl)	Poids spécifique (kg/hl)
1000 G.W.	1000 grain weight (grams)	Peso de 1000 granos (gramos)	Poids de 1000 grains (grames)
YELL BERR	Yellow berry percentage	Porcentaje de panza blanca	Mitadínage en pourcentage
YIELD KG/HA	Yield kg/ha	Rendimiento kg/ha	Rendement kg/ha

RESULTS OF THE 10TH. INTERNATIONAL TRITICALE SCREENING NURSERY (ITSN) 1978-79

The 10th. International Triticale Screening Nursery (ITSN) was sent in September, 1978 to be grown by cooperators in their spring season of 1979. One-hundred seventy-nine nurseries went to cooperators in 76 countries. The 245 advanced lines and checks in the nursery had been chosen from among CIMMYT's best materials. All had been grown and observed by CIMMYT scientists under a high yield environment with pressure from major diseases on the CIANO Experiment Station in the Yaqui Valley in north-west Mexico. Here, too, seed for this international nursery was multiplied, cleaned and treated with insecticide and organic fungicide before shipment.

Instructions on nursery management accompanied the mailing of seeds to each cooperator. Enough seed from each line was provided for a single row, unreplicated, of at least 2 m. in length. A field book was included with each nursery set, providing a standard format for recording data desired by CIMMYT. In receiving and processing the data returned by cooperators, CIMMYT assumes that the nursery was properly handled and that accurate results were reported. We cannot, however, attest to the rigor with which the trials were grown and results were obtained.

Fifty-two of the cooperators receiving the 10th. ITSN returned field books with performance data at their locations in time to be included in this report. The choice of variables measured and the data returned rests with the individual cooperator. We have included in this summary all measures of all variables reported to us. The number of observations differs from variable to variable. The reader is urged to note the "NOBS" entry at the head of each variable column in the table that reports all data for all lines—that tells how many observations went into the data reported in that column, which may be an important indicator of the level of credibility that should be conferred. The reader should also bear in mind that the yield reported is from a single plot, essentially grown for observation rather than as a rigorous, replicated yield trial.

Presentation of Results

So that data in this report will be of optimal use to the reader, we present the results in three forms:

1. Tables for *each site* from which data were returned, with notations of all variables recorded and reported.
2. A table reporting the *mean of all observations* for each variable measured for each line in the nursery.
3. Selected tables reporting the *best performance by individual lines* on major variables, usually the top 5 to 10 percent. The table of contents lists all variables reported in this way.

Cooperators were asked to use agronomic and disease reporting methodology as described in CIMMYT's Information Bulletin No. 38. Data reported are simple means computed from those supplied by the cooperators. Data on rusts recorded by the modified Cobb scale were converted to average coefficient of infection (ACI) as explained in the yearly report of the United States Department of Agriculture International Spring Wheat Rust Nursery.

Feedback

Feedback of two kinds from cooperators is vital to the quality of this and other CIMMYT international nursery reports: First, the prompt return of carefully recorded data from each and every trial site; second, identification of errors that become part of our cooperator's station file. We ask for feedback of both kinds.

Figure 1. Locations from which data were returned.

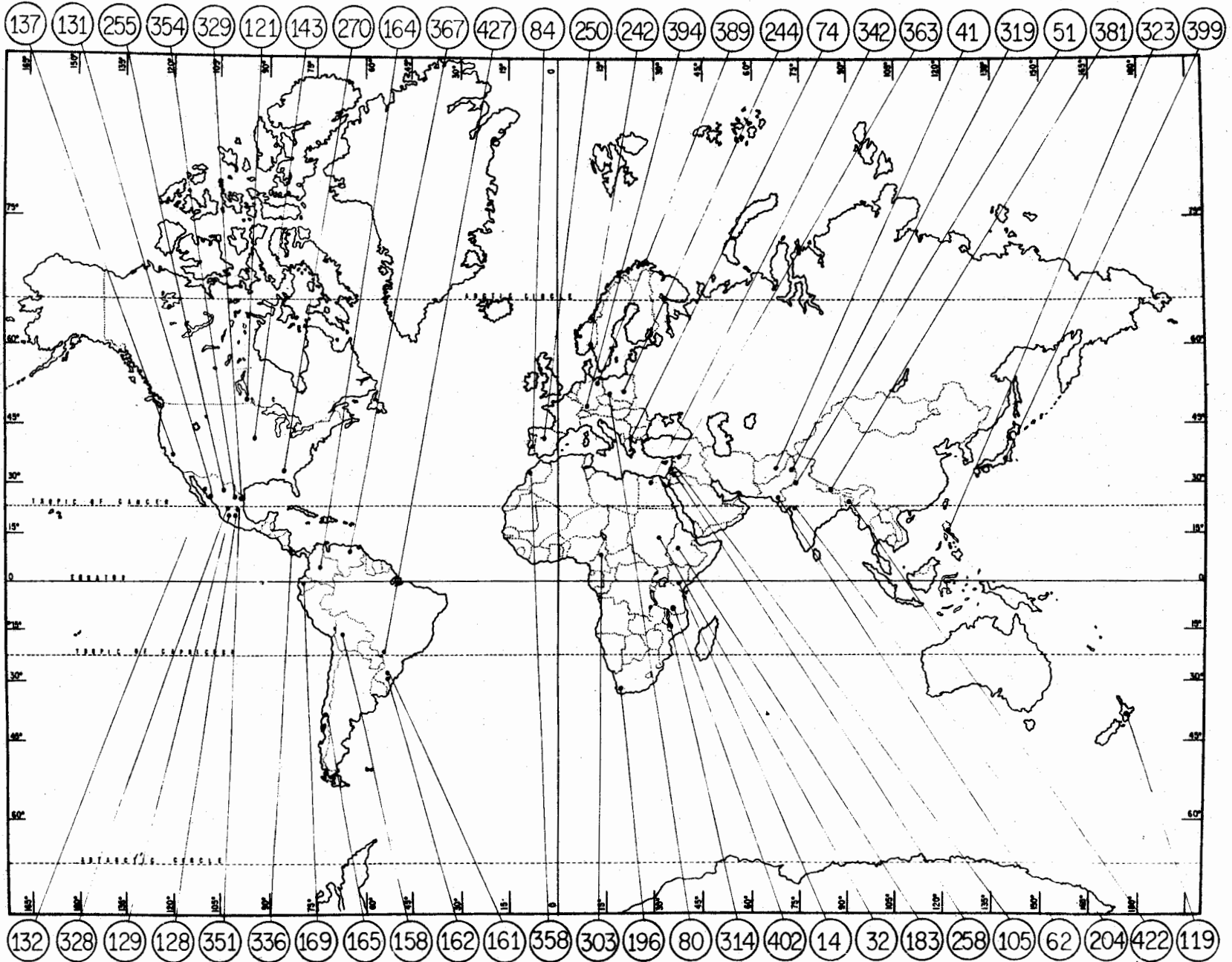


Table 1. Locations from which data were reported, with variables reported.

LOCATION	CONTINENT	COUNTRY	AREA	VARIABLES INCLUDED
14	AFRICA	KENYA	RIFT VALLEY	8
32	AFRICA	SUDAN	KHARTOUM	1 3 4 9
41	ASIA	AFGHANISTAN	KABUL	1 9 11
51	ASIA	INDIA	PUNJAB	1 3 4 7 9
62	ASIA	PAKISTAN	SIND	1 3 7 8 9
74	EUROPE	GREECE	THESSALONIKI	1 3 4 8 9
80	EUROPE	POLAND	DANKOW	1 9 13
84	EUROPE	PORTUGAL	ALENTEJO	3 9 10 15
105	MIDDLE EAST	LEBANON	BEKAA VALLEY	1 3 9
119	OCEANIA	NEW ZEALAND	MANAMATU	3 9 11 40
121	NORTH AMERICA	CANADA	MANITOBA	1 3 9
128	NORTH AMERICA	MEXICO	EDO DE MEXICO	1 2 3 9
129	NORTH AMERICA	MEXICO	EDO DE MEXICO	3 5 9
131	NORTH AMERICA	MEXICO	SINALOA	7
132	NORTH AMERICA	MEXICO	SONORA	1 2 3 7 9
137	NORTH AMERICA	U S A	CALIFORNIA	1 3 4 9 10 11 15
143	NORTH AMERICA	U S A	SOUTH DAKOTA	1 3 7 9
158	SOUTH AMERICA	BOLIVIA	COCHABAMBA	1 3 4 9 15
161	SOUTH AMERICA	BRAZIL	RIO GRANDE DO SUL	1
162	SOUTH AMERICA	BRAZIL	RIO GRANDE DO SUL	1 2 3 4 7 8 16 25
164	SOUTH AMERICA	COLOMBIA	CUNDINAMARCA	3 4 9 15
165	SOUTH AMERICA	CHILE	CAUTIN	1
169	SOUTH AMERICA	ECUADOR	QUITO, PICHINCHA	5 6
180	AFRICA	ETHIOPIA	SHDA	1 3 4 9 15
196	AFRICA	SOUTH AFRICA	CAPE PROVINCE	1 3 9 10 17
204	ASIA	INDIA	MADHYA PRADESH	1 3 9
242	EUROPE	NORWAY	OSLO	1 2 3 13
244	EUROPE	POLAND	SLONIE	1 7 9 10 15 16
250	EUROPE	SPAIN	MADRID	1 2 3 9
255	NORTH AMERICA	MEXICO	COAHUILA	1 7 8 9
258	MIDDLE EAST	ISRAEL	BET DAGAN	1 3 9
270	NORTH AMERICA	U S A	GEORGIA	1 3 9
303	AFRICA	CAMEROON	NGAOUNDERE	1 3 4
314	AFRICA	MALAWI	NTCHEU	1 7 9 16
319	ASIA	PAKISTAN	ISLAMABAD	1 3 7 9
323	ASIA	PHILIPPINES	LUZON	1 3 41
328	NORTH AMERICA	MEXICO	MICHOACAN	17 49
329	NORTH AMERICA	MEXICO	TAMAULIPAS	7
336	CENTRAL AMERICA	COSTA RICA	ALAJUELA	1 3 4 9
342	AFRICA	EGYPT	DOMIAT	1 3 4 5 9 10 11
351	NORTH AMERICA	MEXICO	TLAXCALA	1 2 3
354	NORTH AMERICA	MEXICO	MUEVO LEON	1 3 4 9
358	AFRICA	MOROCCO	RABAT	4 5 41
363	MIDDLE EAST	SYRIA	ALEPPO	1 3 4 9
367	SOUTH AMERICA	VENEZUELA	ARAGUA	1 3 4 9
381	ASIA	NEPAL	TANAHU	1 3 4 9
389	EUROPE	EAST GERMANY	SCHMERIN	1 6 7 8 9 10 15 16
394	EUROPE	W GERMANY	BADEN-WUTTEMBERG	1 2 9
399	ASIA	JAPAN	SHIMANE	1 9
402	AFRICA	TANZANIA		3 4 7 9 18
422	ASIA	BANGLADESH	DACCA	1 3 4 9
427	SOUTH AMERICA	BRAZIL	PARANA	1 2 5 7 9 15 16

*VARIABLE IDENTIFICATIONS

1	YIELD	KG/HA	2	TEST	WT	3	FLOW	DAYS	4	MAT	DAYS	5	STRP	RT L
5	STRP	RT H	7	LEAF	RUST	8	STEM	RUST	9	PLNT	HT	10	LODQ	%
11	SHTR	L	13	1000	Q W	15	SEPT	TRIT	16	SEPT	NODO	17	SEPT	SPP
15	FUS	WILT	25	FRST	DMGE	40	BYDV		41	HELM		49	FUS	GRAM

Table 2. Cont'd.

VTY	STEM RUST	PLNT HT	LDGC %	SHTR %	1000 G. W.	SEPT TRIT	SEPT NODD	SEPT SPP.	FUS WILT	FRST DMGE	BYDV	HELM	FUS GRAM
	(6)	(39)	(6)	(4)	(2)	(8)	(5)	(2)	(1)	(1)	(1)	(2)	(1)
1	6.7	92.4	20.0	5.0	43.2	23.6	34.8	33.0	0.0	60.0	50.0	56.0	0.0
2	4.3	89.9	22.0	7.8	43.1	15.6	29.8	33.5	0.0	60.0	63.0	56.0	0.0
3	6.7	87.6	24.2	5.3	41.7	26.7	35.5	61.5	0.0	80.0	63.0	67.0	1.0
4	4.2	93.7	28.3	7.8	40.2	22.1	34.5	55.5	0.0	80.0	63.0	56.0	1.0
5	6.7	91.4	25.0	17.5	42.4	23.7	29.5	50.0	0.0	60.0	63.0	56.0	0.0
6	1.3	95.6	19.0	11.3	44.4	26.8	26.6	67.0	0.0	40.0	38.0	56.0	0.0
7	1.3	98.4	18.0	25.0	39.9	23.0	20.8	55.5	0.0	60.0	50.0	67.0	5.0
8	1.6	96.4	21.0	13.8	35.6	22.1	21.5	56.0	0.0	60.0	25.0	67.0	5.0
9	4.2	95.1	18.0	13.8	39.2	25.3	26.0	38.5	0.0	40.0	38.0	56.0	1.0
10	14.9	113.2	30.0	8.8	49.5	9.3	8.3	33.0	0.0	20.0	25.0	44.0	1.0
11	6.7	103.8	21.0	8.8	50.7	10.9	8.3	44.0	0.0	40.0	25.0	33.0	1.0
12	3.3	95.6	12.0	15.0	42.1	22.6	38.2	50.0	0.0	20.0	50.0	44.0	5.0
13	4.2	96.1	14.0	8.8	40.6	25.3	29.3	44.0	0.0	40.0	38.0	56.0	1.0
14	0.7	97.6	30.0	7.5	45.6	23.7	21.0	61.0	0.0	40.0	38.0	44.0	1.0
15	3.3	91.0	22.0	7.5	38.1	24.4	33.8	33.0	0.0	40.0	50.0	44.0	1.0
16	4.0	90.0	19.0	12.5	38.1	28.4	29.5	44.5	0.0	40.0	63.0	56.0	1.0
17	4.0	87.7	24.0	15.0	40.7	22.0	24.5	50.0	0.0	60.0	63.0	44.0	0.0
18	2.7	88.9	22.0	7.5	38.7	27.1	28.8	38.5	0.0	60.0	63.0	56.0	0.0
19	3.3	91.8	21.0	17.8	45.5	18.8	31.0	50.0	0.0	60.0	50.0	56.0	5.0
20	4.2	92.3	24.0	11.3	38.3	18.9	16.0	50.0	0.0	40.0	63.0	67.0	5.0
21	3.3	92.4	21.0	11.5	36.0	30.0	42.3	50.0	0.0	60.0	75.0	78.0	0.0
22	0.0	94.5	23.3	8.8	40.0	31.6	45.5	50.0	33.0	80.0	75.0	-----	0.0
23	0.0	92.0	18.0	8.8	43.3	23.0	33.8	33.0	0.0	40.0	63.0	56.0	0.0

Table 2. Cont'd.

VTY NO.	VARIETY OR CROSS AND PEDIGREE	YIELD KG/HA	TEST MT	FLOW DAYS	MAT DAYS	STRP RT. L	STRP RT. H	LEAF RUST
24	M2A - ARM"S" XB245-H-3Y-2M-1Y-0Y	3095.1	65.6	80.7	137.7	2.6	0.0	7.0
25	M2A - CIN XB286-B-2Y-1M-0Y-100M-0Y	2747.2	64.3	81.6	136.5	2.6	2.5	2.7
26	IRA(2) XB292-C-2Y-2M-1Y-0Y	2892.5	68.7	81.6	137.4	4.0	0.5	5.1
27	IRA(2) XB319-A-3Y-1M-0Y	2528.8	63.3	79.4	134.8	1.8	0.0	10.4
28	IRA - CML XB326-C-1Y-1M-100Y-105B-100Y-1Y-0M	2902.8	67.6	83.9	139.8	1.2	0.0	8.4
29	IRA - CML XB326-E-1Y-1M-100Y-106B-103Y-0Y	3008.7	66.0	85.4	139.9	1.3	0.5	10.0
30	MAPACHE "S"	3259.2	62.2	83.4	134.7	0.8	0.0	4.3
31	M2A - IRA XB417-E-1Y-7M-2Y-0Y	3078.8	65.5	80.4	136.6	1.7	0.0	7.2
32	M2A(2) XB504-C-2Y-2M-100Y-103B-107Y-0Y-101M-0Y	3215.0	64.0	78.9	135.9	2.4	2.5	15.5
33	M2A(2) XB504-C-2Y-2M-100Y-104B-104Y-1M-1Y-0M	2849.3	66.5	78.8	136.2	6.2	0.5	12.7
34	M2A(2) XB504-C-2Y-2M-100Y-104B-105Y-2M-2Y-0M	2782.3	62.7	78.9	134.1	4.6	0.0	12.6
35	M2A(2) XB534-D-3Y-2M-0Y-101B-103Y-3M-3Y-3M-0Y	3079.9	62.4	80.1	138.9	4.1	0.5	6.0
36	M2A(2) XB534-D-2Y-2M-0Y-102B-107Y-1Y-4M-0Y	3189.4	65.2	80.5	139.1	5.8	0.0	6.7
37	KLA - M2A XBB16-A-1Y-1M-2Y-0Y	3152.5	62.7	86.3	140.4	3.2	0.5	8.9
38	M2A X ARS - CIN X9276-B-1Y-2M-1Y-0Y	3073.2	67.3	81.0	135.4	12.5	0.5	10.2
39	M2A X KLA - BRN"S" X10893-A-1M-1Y-0Y	2656.6	65.3	82.0	137.4	4.5	0.5	3.9
40	M2A - CML X10995-27M-2Y-1Y-1M-1Y-1M-0Y	2671.0	64.4	86.6	137.2	3.8	0.0	7.5
41	M2A - CML X10995-27M-2Y-1Y-1M-1Y-2M-0Y	2601.6	64.3	86.2	140.4	5.4	0.0	12.3
42	M2A - CML X10995-27M-2Y-1Y-1M-1Y-3M-0Y	2797.6	64.2	87.5	141.5	4.2	0.0	10.0
43	IA - M2A X11052-C-2M-1Y-1Y-2M-0Y	3336.2	64.1	84.1	136.3	2.7	2.5	1.1
44	IA - M2A X11060-C-4M-1Y-1Y-0M	3025.2	63.7	83.0	136.7	3.7	0.0	10.2
45	IA - BULK E2 X11065-C-2M-1Y-0Y	2878.8	64.0	83.1	138.7	12.6	0.0	5.0

Table 2. Cont'd.

VIV	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G. W.	SEPT TRIT	SEPT NODO	SEPT SPP.	FUS WILT	FRST DMGE	BYDV	HELM	FUS GRAM
24	0.0	95.7	21.0	6.3	39.8	20.4	45.0	50.0	0.0	60.0	63.0	78.0	5.0
25	0.0	87.8	18.0	6.3	46.4	29.7	45.5	50.0	0.0	80.0	50.0	56.0	20.0
26	0.1	91.0	21.0	12.5	45.6	32.9	40.5	50.0	11.0	80.0	50.0	56.0	5.0
27	11.7	87.1	28.0	20.0	36.6	26.9	51.5	72.5	0.0	100.0	50.0	56.0	50.0
28	0.0	93.9	20.0	12.5	36.3	25.3	47.8	67.0	0.0	80.0	50.0	56.0	50.0
29	0.1	96.9	22.0	12.5	35.0	26.9	37.3	55.5	0.0	60.0	50.0	33.0	30.0
30	0.0	95.7	19.0	6.3	40.7	21.7	26.5	44.0	0.0	60.0	50.0	67.0	1.0
31	1.3	94.8	18.0	10.0	39.9	32.9	23.8	61.5	0.0	40.0	63.0	67.0	10.0
32	0.1	97.4	22.0	12.5	44.2	22.1	29.7	55.5	0.0	60.0	63.0	67.0	80.0
33	0.0	99.0	26.0	12.5	42.4	33.1	26.0	67.0	22.0	60.0	63.0	67.0	80.0
34	11.7	97.4	26.0	15.0	43.2	20.3	34.5	55.5	44.0	60.0	63.0	56.0	80.0
35	0.0	99.9	32.0	16.3	40.2	31.3	37.3	55.5	44.0	60.0	50.0	67.0	80.0
36	3.5	99.4	30.0	14.0	38.0	28.3	42.8	50.0	33.0	60.0	63.0	56.0	90.0
37	1.6	89.5	11.0	8.8	44.9	21.5	14.6	50.0	33.0	20.0	63.0	44.0	20.0
38	0.1	93.7	32.0	11.3	38.2	25.3	28.8	61.5	0.0	60.0	50.0	44.0	0.0
39	0.1	90.3	12.0	11.5	46.8	25.3	18.8	39.0	33.0	40.0	38.0	56.0	10.0
40	0.0	93.6	12.0	15.0	40.9	24.3	37.8	38.5	0.0	40.0	25.0	44.0	1.0
41	0.1	91.6	11.0	20.0	41.5	21.5	46.2	44.0	0.0	40.0	38.0	44.0	5.0
42	1.3	94.2	11.0	27.5	43.6	20.3	34.5	50.0	0.0	20.0	38.0	44.0	0.0
43	1.3	89.1	16.0	12.5	37.3	27.9	26.5	72.5	0.0	60.0	38.0	67.0	0.0
44	4.0	88.7	22.0	11.5	37.4	40.3	18.8	67.0	0.0	60.0	38.0	67.0	30.0
45	6.4	91.0	22.0	10.0	36.3	24.1	26.6	55.5	0.0	60.0	25.0	83.5	10.0

Table 2. Cont'd.

VTY NO	VARIETY OR CROSS AND PEDIGREE	YIELD KG/HA	TEST WT	FLOW DAYS	HAT DAYS	STRP RT. L	STRP RT. H	LEAF RUST
46	M2A - IGA x IA - KLA X11286-C-4M-4Y-0Y	3092.4	71.2	84.0	139.9	5.1	0.0	7.2
47	IRA(2) - M2A(2) X11308-B-2M-3Y-2Y-4M-0Y	2876.8	69.4	81.2	135.7	7.6	0.0	8.7
48	M2A - IRA x M2A - CIN X11319-B-7M-1Y-0Y	2714.6	62.6	80.6	134.5	4.4	0.0	6.6
49	M2A(2) x KLA - BVR"S" X11433-B-1M-3Y-3Y-6M-2Y-1M-0Y	3139.9	66.1	82.4	136.5	11.1	0.5	16.8
50	(M2A)(2) X11613-A-2M-1Y-0Y	2768.4	61.4	80.9	134.7	2.8	0.5	8.7
51	(M2A)(2) X11613-A-2M-1Y-1Y-4M-0Y	2850.5	64.0	81.3	134.9	6.5	0.5	13.8
52	IRA - M2A X11774-2M-1Y-2Y-4M-1Y-0M	2942.3	65.4	76.9	134.1	6.3	0.0	6.3
53	IGA - M2A X11814-2M-2Y-100Y-0Y	2573.2	67.9	78.4	133.2	6.7	0.5	14.7
54	M2A - IRA X11923-31M-1Y-1Y-3M-1Y-0M	2603.5	65.1	84.2	137.4	5.1	0.0	3.1
55	M2A - IRA X11960-6M-1Y-1Y-0M	2820.1	65.1	84.5	137.3	5.2	0.5	4.7
56	IA - IRA x BUI X12257-1M-0M	3859.1	61.6	86.9	140.5	5.4	0.0	2.3
57	M2A - IRA X12509-12Y-1Y-3M-0Y	3081.5	65.6	81.2	137.0	9.3	0.5	12.8
58	(M2A)(2) X12517-17M-3Y-0M	2989.3	63.8	83.0	137.9	5.1	0.0	5.4
59	M2A - IRA X12566-15Y-6Y-2M-0Y	2550.1	65.3	84.4	141.8	4.5	0.0	9.5
60	BEAGLE	3373.2	63.5	87.2	145.9	4.5	0.5	6.6
61	BQL"S"/ARS-MEXIPAK MUT X BQL"S" X22562-100Y-100Y-12M-0Y	3391.6	64.2	86.5	145.9	5.3	2.5	6.0
62	BQL"S"/ARS-MEXIPAK MUT X BQL"S" X22563-101Y-1M-1Y-0M	3308.0	61.8	89.4	146.2	6.5	0.0	2.0
63	BQL"S"/ARS-MEXIPAK MUT X BQL"S" X22563-101Y-100Y-7M-0Y	3258.8	62.6	89.0	145.5	7.8	0.0	8.9
64	M2A - IRA X12633-1Y-1Y-1Y-0M	2742.8	65.1	85.9	137.8	6.3	0.0	6.7
65	M2A - IA X12677-40Y-1Y-1M-0Y	2960.2	66.1	83.6	137.3	5.4	0.5	2.0
66	M2A - IA X12677-41Y-1Y-3M-1Y-0M	3065.1	61.5	85.2	136.8	5.7	0.0	7.7
67	M2A - IA X12677-56Y-1Y-3M-0Y	3247.3	67.6	82.1	137.0	5.9	0.5	6.7
68	M2A - IA X12677-56Y-3Y-0M	3158.6	65.6	82.8	136.9	12.9	0.0	15.2
69	M2A - BQC X12764-19Y-1Y-1M-1Y-0M	3156.4	64.1	84.0	137.8	1.8	0.0	3.0

Table 2. Cont'd.

VTY	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G. W.	SEPT TRIT	SEPT NODD	SEPT SPP.	FUS WILT	FRST DMGE	BYDV	HELM	FUS GRAM
46	20.0	96.3	29.2	7.8	43.7	21.7	21.0	38.5	0.0	40.0	50.0	61.5	0.0
47	3.3	89.0	27.0	10.0	38.4	29.6	26.0	44.0	0.0	40.0	38.0	61.5	0.0
48	0.0	86.4	17.0	17.5	43.6	34.1	23.8	67.0	0.0	40.0	38.0	61.5	40.0
49	4.2	92.1	15.0	12.5	44.8	24.9	23.8	67.0	0.0	40.0	38.0	56.0	5.0
50	0.1	86.8	19.0	17.5	47.4	42.3	23.8	55.5	0.0	40.0	50.0	61.5	10.0
51	6.7	87.2	12.0	12.8	44.9	34.6	23.8	61.5	0.0	60.0	63.0	33.5	40.0
52	0.3	89.6	19.0	11.3	44.0	31.4	19.0	56.0	0.0	60.0	63.0	33.5	20.0
53	0.0	92.2	26.0	10.0	36.4	36.0	29.3	38.5	22.0	60.0	63.0	56.0	80.0
54	1.3	93.6	33.3	15.0	41.8	31.3	21.5	50.0	0.0	60.0	50.0	44.5	20.0
55	0.7	91.9	28.0	12.8	39.4	25.1	37.8	38.5	0.0	40.0	38.0	83.5	20.0
56	0.0	103.9	15.0	10.0	43.3	15.6	5.5	50.0	0.0	20.0	13.0	61.5	10.0
57	4.2	91.8	14.0	10.0	44.4	29.9	23.8	50.0	0.0	80.0	50.0	61.5	20.0
58	4.2	92.7	19.0	10.0	44.3	30.0	26.0	50.0	0.0	80.0	38.0	61.5	5.0
59	10.0	90.9	14.0	15.0	38.1	15.9	33.2	55.5	0.0	60.0	38.0	56.0	5.0
60	8.5	114.8	27.0	6.3	50.4	18.7	11.5	27.5	0.0	20.0	25.0	61.5	1.0
61	0.1	111.6	26.0	6.3	44.8	14.0	14.3	33.0	0.0	40.0	25.0	56.0	1.0
62	0.1	116.3	30.0	6.3	46.4	14.0	19.8	44.5	0.0	40.0	25.0	44.0	5.0
63	7.3	110.9	32.0	7.5	44.1	18.9	13.7	44.5	0.0	20.0	25.0	44.0	5.0
64	0.0	86.5	14.0	17.8	37.5	31.4	27.0	56.0	0.0	40.0	50.0	56.0	10.0
65	0.0	87.9	11.0	21.3	43.4	29.5	30.0	61.5	0.0	80.0	50.0	72.0	10.0
66	34.8	93.0	25.0	17.5	37.3	25.0	34.3	61.5	0.0	60.0	75.0	44.0	10.0
67	0.1	90.9	24.0	17.5	37.9	28.3	34.3	67.0	0.0	80.0	50.0	50.0	0.0
68	0.1	90.4	24.0	21.5	34.5	28.4	25.7	55.5	0.0	100.0	50.0	67.0	0.0
69	0.1	92.5	9.0	16.3	40.4	22.9	35.8	72.5	0.0	40.0	38.0	67.0	1.0

Table 2. Cont'd.

VTY NO	VARIETY OR CROSS AND PEDIGREE	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT. L	STRP RT. H	LEAF RUST
70	M2A - BGC X12764-19Y-3Y-2M-2Y-0M	3170.9	63.5	86.6	139.6	1.8	0.0	3.5
71	M2A - FS 722 X12845-12Y-7Y-2M-1Y-0M	2968.4	64.1	86.1	143.9	2.3	0.0	0.7
72	M2A - FS 722 X12845-12Y-16Y-1Y-0M	2733.7	61.4	88.9	146.3	7.7	0.0	6.9
73	M2A - FS 722 X12845-12Y-16Y-3Y-0M	2684.4	64.3	85.5	142.6	7.6	0.0	3.3
74	M2A - FS 722 X12845-19Y-2Y-1M-1Y-0M	2959.0	64.9	83.7	139.7	7.8	0.0	7.1
75	IRA - CML"S" X13019-A-1Y-1Y-1M-1Y-0M	3241.5	66.6	85.5	144.1	1.9	0.5	5.6
76	IRA - CML"S" X13019-A-1Y-1Y-4M-1Y-0M	3294.3	67.5	82.1	137.9	2.1	0.5	2.9
77	IRA - CML"S" X13019-A-1Y-1Y-7M-0Y	2762.1	65.9	82.3	137.9	6.8	0.5	8.0
78	IA - M2A X13184-2Y-5Y-7M-1Y-0M	2917.6	63.5	81.8	135.8	5.4	0.5	3.4
79	CML - IRA X13333-A-1Y-2Y-1Y-0M	2571.0	68.3	80.2	134.5	12.0	0.5	7.0
80	70 HN. 470 - KLA"S" X13393-19Y-100B-100Y-2Y-4M-0Y	2883.2	64.2	85.2	136.4	5.4	0.5	3.0
81	FW 121-PROL X CIN/FB714 X13551-18Y-1Y-2M-1Y-0M	2971.1	67.1	78.5	133.2	6.3	0.0	2.5
82	TEJON - IRA X13895-B-100Y-101B-100Y-1M-1Y-0M	3219.9	65.7	82.0	139.2	5.2	0.0	0.4
83	TEJON - IRA X13895-B-100Y-101B-100Y-1M-2Y-0M	3183.5	66.3	81.2	135.8	6.3	0.5	2.1
84	TEJON - IRA X13895-B-100Y-101B-103Y-0Y	3090.3	65.1	82.2	136.7	7.0	0.0	0.3
85	TEJON - IRA X13895-B-100Y-101B-105Y-0Y	3125.0	69.5	83.1	136.8	7.6	0.0	0.7
86	M2A(2)-IRA X CML/CML"S" X14134-C-5Y-1Y-1Y-0M	2962.5	67.5	86.0	139.5	5.3	0.0	0.3
87	M2A X UM"S"-ARM"S"/CML"S" X14209-C-1Y-3Y-3M-1Y-0M	2957.9	67.2	85.1	140.3	8.0	0.0	4.7
88	M2A X UM"S"-ARM"S"/CML"S" X14209-C-1Y-3Y-6M-1Y-0M	2908.3	64.4	82.9	139.4	13.8	0.0	11.6
89	M2A X UM"S"-ARM"S"/CML"S" X14209-C-1Y-3Y-6M-2Y-0M	3258.3	65.6	83.5	139.9	9.6	0.0	10.3
90	NAVOJOA	2802.3	64.8	81.4	138.9	3.8	0.0	5.6
91	M2A X UM"S"-ARM"S"/CML"S" X14209-C-1Y-3Y-7M-1Y-1M-0Y	3134.3	63.3	85.7	140.2	8.3	0.0	6.0
92	M2A X UM"S"-ARM"S"/CML"S" X14209-C-1Y-3Y-7M-2Y-1M-0Y	2959.5	62.7	85.7	138.8	6.3	0.0	10.6
93	IRA - SKA X M2A X14367-A-2Y-1Y-1M-1Y-0M	2838.2	61.7	83.9	140.9	20.0	0.0	15.0

Table 2. Cont'd.

VTY	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G W	SEPT TRIT	SEPT NODD	SEPT SPP.	FUS WILT	FRST DMGE	BYDV	HELM	FUS GRAM
70	0.7	92.8	11.0	12.5	42.3	20.1	29.2	50.0	0.0	40.0	38.0	61.5	10.0
71	0.0	88.2	15.0	21.5	38.9	28.3	30.0	55.5	0.0	100.0	38.0	61.5	10.0
72	4.2	88.6	19.2	21.5	39.9	18.7	26.5	61.0	0.0	40.0	38.0	61.5	0.0
73	0.0	88.4	11.0	21.3	39.5	20.4	22.0	78.0	0.0	60.0	38.0	67.0	0.0
74	0.0	89.3	19.2	16.5	39.3	18.9	26.5	61.0	0.0	60.0	50.0	56.0	5.0
75	0.0	89.8	21.0	10.0	35.3	30.0	22.0	72.5	0.0	80.0	50.0	67.0	0.0
76	1.3	91.1	21.0	12.5	38.5	31.6	22.0	56.0	0.0	80.0	50.0	56.0	0.0
77	3.3	90.3	29.0	16.3	38.2	31.4	29.3	67.0	22.0	80.0	63.0	44.0	0.0
78	0.1	93.7	16.0	21.5	41.4	28.3	35.6	50.0	0.0	40.0	63.0	56.0	-----
79	0.0	87.4	8.0	28.8	42.8	28.4	26.3	67.0	0.0	80.0	50.0	56.0	0.0
80	0.0	90.3	5.0	15.0	36.6	22.8	23.4	56.0	0.0	40.0	38.0	67.0	0.0
81	0.0	92.5	11.0	12.5	41.8	32.4	33.3	78.0	0.0	100.0	38.0	39.0	-----
82	0.0	91.5	33.0	10.0	42.3	20.4	16.0	67.0	0.0	40.0	38.0	56.0	5.0
83	0.7	89.9	33.0	10.0	41.6	23.6	24.3	72.5	11.0	80.0	38.0	67.0	5.0
84	0.0	90.7	23.0	11.3	42.8	28.0	26.5	61.0	0.0	40.0	38.0	27.5	20.0
85	8.3	91.9	21.0	7.5	37.9	25.1	23.8	50.0	0.0	40.0	38.0	61.5	5.0
86	0.0	104.2	11.0	18.8	41.9	22.0	37.3	72.5	0.0	40.0	38.0	44.5	10.0
87	0.0	96.8	6.0	15.3	38.5	28.4	32.3	67.0	22.0	60.0	63.0	22.0	-----
88	0.3	95.9	15.0	20.0	41.9	30.0	37.8	61.0	22.0	60.0	63.0	27.5	0.0
89	0.0	96.2	18.0	20.0	40.6	26.9	30.3	44.5	33.0	60.0	50.0	61.5	0.0
90	0.0	91.1	6.0	15.3	40.9	31.3	27.0	61.5	0.0	60.0	50.0	67.0	1.0
91	0.0	97.0	35.0	18.8	41.5	22.1	22.3	55.5	0.0	40.0	50.0	61.5	10.0
92	0.1	99.7	32.0	16.3	41.9	17.4	29.7	39.0	0.0	40.0	38.0	44.5	1.0
93	0.3	101.5	26.0	7.5	41.1	30.0	29.5	50.0	0.0	60.0	38.0	44.5	3.0

Table 2. Cont'd.

VTY NO	VARIETY OR CROSS AND PEDIGREE	YIELD KO/HA	TEST MT	FLOW DAYS	MAT DAYS	STRP RT. L	STRP RT. H	LEAF RUST
94	IRA - NO 66 X14447-B-1Y-2Y-2M-1Y-0M	3066.1	62.3	82.6	137.0	2.7	0.0	6.2
95	IRA - NO 66 X14447-B-1Y-4Y-2M-1Y-0M	2914.4	64.2	82.2	137.7	2.0	0.0	1.9
96	IRA - NO 66 X14447-B-3Y-2Y-1Y-1M-0Y	2725.7	62.6	83.3	138.0	2.2	0.0	5.5
97	IRA - NO 66 X14447-B-4Y-2Y-3M-1Y-0M	2625.7	62.4	82.3	136.4	7.5	0.0	3.1
98	M2A(2) X CIN-KLA X14495-F-3Y-1Y-1Y-0M	2873.1	63.8	82.7	136.8	2.2	0.0	4.3
99	IRA-M2A X IA-M2A X14517-C-1Y-1Y-2Y-0M	2831.2	64.9	80.3	136.7	1.2	0.0	3.9
100	LOCAL CHECK	3224.5	69.7	84.8	148.7	5.8	1.0	2.4
101	IGA - M2A X IA - M2A X14527-D-1Y-3Y-2M-0Y	2911.7	63.3	81.8	136.0	2.9	0.0	10.4
102	IRA - KAL X14576-6Y-4Y-5M-2Y-1B-0Y	2789.1	65.5	84.0	141.8	3.2	0.0	9.3
103	IRA - CJ 71 X14584-2Y-1Y-1Y-1B-0Y	2928.6	63.3	87.3	145.0	5.5	0.5	8.1
104	IRA - COGUENA X14595-2Y-2Y-2M-0Y	2774.9	65.9	82.4	141.4	5.7	0.0	10.0
105	M2A - TI 71 X14679-10Y-1Y-2M-1Y-0M	2738.6	65.8	80.7	136.2	4.0	0.5	14.5
106	M2A - TI 71 X14679-15Y-1Y-0Y	2739.9	65.6	82.2	136.4	2.8	0.0	13.1
107	M2A - TI 71 X14679-15Y-1Y-3Y-0Y	2659.4	65.6	82.1	135.9	2.9	0.0	10.2
108	CML"S" - KAL X14861-1Y-3M-1Y-2M-0Y	2977.3	66.2	87.1	139.4	3.2	0.0	5.8
109	CML"S" - KAL X14861-1Y-3M-1Y-2M-100Y-1M-0Y	2561.3	66.6	86.5	138.9	2.9	0.5	8.0
110	IA - KLA X CAL X14920-2Y-0M	2735.2	67.2	83.4	143.6	2.7	0.0	15.1
111	IA - KLA X CAL X14920-8Y-1Y-0Y	3058.6	62.2	82.2	135.9	2.6	0.5	13.4
112	M2A X UM940"S"-ARM"S"/AZ 67 X14928-6Y-1Y-0Y	2764.7	64.4	83.4	138.6	2.8	0.5	5.7
113	CIN"R" - BGL"S" X15392-4H-1Y-2Y-0M	3411.6	63.7	83.5	137.8	2.6	0.0	10.0
114	M2A X ITA - LED X15473-1Y-1M-1Y-0M	2806.8	64.6	80.2	136.3	21.7	0.5	6.0
115	M2A - BGL X15490-0M	3244.2	65.1	88.1	144.6	22.5	0.0	17.1
116	M2A - BGL X15490-3Y-0M	3328.2	65.1	86.5	146.8	5.3	0.0	8.6
117	M2A - BGL X15491-1Y-3B-3M-1Y-0M	3022.5	61.4	87.9	144.8	6.5	0.5	18.8

Table 2. Cont'd.

VTY	STEM RUST	PLNT HT	LDDG %	SHTR %	1000 G. W.	SEPT TRIT	SEPT NDDO	SEPT SPP.	FUS WILT	FRST DMGE	BYDV	HELM	FUS GRAM
94	0.7	97.5	30.0	17.5	41.3	31.3	33.2	50.0	0.0	60.0	50.0	61.5	20.0
95	0.0	98.5	32.0	13.8	39.3	27.1	31.8	61.5	0.0	60.0	38.0	39.0	5.0
96	4.2	98.9	25.0	7.5	40.5	26.9	26.5	44.0	0.0	80.0	38.0	61.5	0.0
97	0.7	98.1	31.7	7.5	40.2	25.3	31.5	61.5	0.0	60.0	25.0	33.5	0.0
98	6.7	96.6	28.0	8.8	37.9	28.5	24.8	56.0	0.0	60.0	25.0	61.5	0.0
99	0.1	95.2	34.2	11.3	40.7	26.9	19.0	50.0	0.0	80.0	50.0	39.0	5.0
100	0.1	94.5	25.0	5.0	38.0	55.0	0.0	33.0	0.0	-----	25.0	78.0	1.0
101	7.3	92.4	23.0	28.8	42.2	29.9	34.3	55.5	11.0	80.0	50.0	67.0	1.0
102	0.0	92.1	21.0	33.8	45.9	28.4	22.0	56.0	0.0	80.0	50.0	56.0	0.0
103	0.0	98.2	7.0	10.0	41.3	22.0	23.3	44.0	0.0	40.0	63.0	56.0	1.0
104	0.1	83.7	17.0	23.8	41.2	34.3	33.3	61.0	0.0	80.0	63.0	72.0	1.0
105	4.2	84.5	24.0	17.5	43.1	29.9	39.3	67.0	0.0	80.0	75.0	27.5	0.0
106	2.7	82.9	25.0	15.3	43.3	29.9	26.5	67.0	0.0	80.0	63.0	56.0	1.0
107	1.3	85.9	26.0	22.5	42.8	29.9	24.8	67.0	0.0	80.0	50.0	33.5	0.0
108	4.2	104.9	34.2	7.5	48.4	34.1	37.8	50.0	0.0	60.0	50.0	61.5	20.0
109	4.2	100.9	29.2	11.3	38.7	35.4	29.7	55.5	0.0	60.0	38.0	39.0	0.0
110	5.3	95.3	15.8	10.0	42.4	23.4	26.0	27.5	0.0	60.0	25.0	39.0	1.0
111	10.0	96.2	21.0	13.8	42.4	25.8	29.3	44.0	0.0	40.0	38.0	44.5	0.0
112	0.0	94.6	20.0	16.5	41.4	29.7	18.3	55.5	0.0	80.0	25.0	61.5	5.0
113	0.1	103.7	42.0	10.0	39.6	24.0	16.0	55.5	0.0	60.0	25.0	33.5	0.0
114	0.3	90.5	38.0	35.3	42.4	32.6	22.0	50.0	0.0	80.0	50.0	67.0	5.0
115	9.9	107.2	16.0	1.3	43.8	22.0	5.5	50.0	0.0	40.0	25.0	83.5	10.0
116	0.1	103.4	18.0	11.3	44.4	26.9	7.8	44.5	0.0	60.0	13.0	67.0	0.0
117	13.8	112.0	27.0	1.3	50.2	15.7	23.3	38.5	0.0	20.0	13.0	67.0	0.0

Table 2. Cont'd.

VTY NO	VARIETY OR CROSS AND PEDIGREE	YIELD KG/HA	TEST WT	FLOW DAYS	HAT DAYS	STRP RT. L	STRP RT. H	LEAF RUST
118	M2A - BGL X15491-1Y-3B-3N-2Y-0M	3018.2	63.8	88.2	145.8	8.7	0.0	9.4
119	M2A - FS 1897 X15520-4H-1Y-2Y-0M	2827.4	64.1	83.1	142.1	2.8	0.0	1.2
120	MAPACHE"S	2851.0	60.9	83.1	140.1	2.0	0.0	11.9
121	M1A - BGL"S" X15552-33H-2Y-2Y-1M-0Y	3380.5	61.2	89.1	145.5	7.3	0.0	7.0
122	IRA - M2A X M1A X15559-33Y-1Y-1M-0Y	2644.4	63.6	85.6	139.7	2.7	0.0	2.5
123	IRA - M1A X15560-3H-5Y-1Y-0M	2899.3	59.4	85.4	141.8	2.6	0.0	2.2
124	IRA - BGL"S" X15570-100Y-5Y-3M-0Y	2748.0	63.0	89.5	149.4	2.6	0.0	0.7
125	IRA - BGL"S" X15570-0M	2654.0	59.1	86.4	146.1	2.8	0.0	7.0
126	BGL"S" - M2A X16683-100Y-1M-3Y-3M-0Y	3395.5	61.5	86.4	144.8	2.1	0.0	14.0
127	BGL"S" - M2A X16683-100Y-1M-3Y-6M-0Y	3162.6	65.2	87.1	144.9	3.8	0.0	13.3
128	IA - M1A X15633-21Y-1Y-1M-0Y	2917.4	64.4	88.8	143.8	3.7	0.0	11.3
129	BGL"S" X M2A - CIN X15673-A-1Y-2Y-1M-0Y	3330.3	67.1	89.3	147.2	2.6	0.0	9.9
130	BGL"S" X M2A - CIN X15673-A-1Y-2Y-6M-0Y	3275.5	65.2	89.7	147.1	2.6	0.5	10.0
131	BGL"S" X M2A - CIN X15673-A-1Y-2Y-8M-0Y	3327.6	66.6	88.9	146.5	6.1	0.0	6.8
132	OCTO BULK 50 - IA X15682-21Y-7Y-2M-0Y	3280.3	61.0	83.9	139.1	4.2	0.0	5.3
133	OCTO BULK 50 - IA X15682-100Y-0Y	2717.5	64.3	85.5	139.2	2.4	0.0	5.5
134	TCL BULK 50 - MA X15684-3Y-2Y-0M	3345.2	63.5	84.1	138.0	1.9	0.0	3.9
135	TCL BULK 50 - MA X15684-6Y-1M-1Y-0M	2768.0	58.8	83.1	137.2	2.0	0.0	2.7
136	HEXA FROM OCTO-HEXA X M2A X15685-B-6Y-2M-2Y-0M	2942.4	62.7	82.7	139.1	2.6	0.0	1.8
137	M2A - ARM"S" X BGL X15733-0M	3530.7	61.6	88.7	145.7	2.8	0.0	11.8
138	M2A - ARM"S" X BGL X15733-1Y-2M-1Y-0M	3489.5	64.0	87.8	146.1	4.0	0.0	6.7
139	M2A-ARM"S" X BGL X15733-1Y-2B-1N-0M	3061.1	66.5	86.3	145.2	12.0	0.0	30.1
140	M2A-ARM"S" X BGL X15733-1Y-9M-2Y-2M-0Y	3326.5	65.4	86.7	145.2	3.2	0.5	7.9
141	M2A-ARM"S" X BGL X15733-1Y-12M-3Y-2M-0Y	3292.6	63.0	86.1	149.1	5.7	0.0	10.3

Table 2. Cont'd.

VTY	STEM RUST	PLNT HT	LODGE %	SHTR %	1000 G. W.	SEPT TRIT	SEPT NODO	SEPT SPP.	FUS WILT	FRST DMGE	BYDV	HELM	FUS GRAM
118	17.0	112.8	23.0	1.3	47.1	22.0	13.3	50.0	0.0	40.0	13.0	67.0	1.0
119	0.0	101.8	29.0	13.8	43.8	22.0	18.3	44.0	0.0	60.0	50.0	67.0	0.0
120	0.1	96.6	27.0	11.3	41.3	25.1	14.7	38.5	0.0	40.0	63.0	67.0	1.0
121	0.0	101.9	32.5	6.3	40.9	23.6	23.8	50.0	0.0	20.0	13.0	44.5	5.0
122	0.1	100.1	47.5	15.0	44.4	22.1	18.3	44.5	0.0	60.0	75.0	67.0	1.0
123	0.1	91.6	35.8	12.5	45.5	22.0	24.8	56.0	0.0	60.0	38.0	61.5	0.0
124	0.0	106.4	30.0	5.0	47.2	19.9	11.0	38.5	0.0	40.0	38.0	39.0	0.0
125	18.5	108.6	25.0	3.8	46.8	18.4	13.3	33.0	0.0	20.0	25.0	67.0	1.0
126	1.6	114.5	36.0	2.5	54.9	23.1	18.8	33.0	0.0	20.0	38.0	78.0	1.0
127	0.8	113.5	40.0	6.3	56.4	24.9	23.8	44.5	0.0	20.0	50.0	44.5	1.0
128	0.1	98.6	33.0	5.0	39.9	26.9	31.4	38.5	0.0	40.0	38.0	61.5	0.0
129	26.7	110.3	28.0	3.8	44.2	14.0	20.5	38.5	0.0	20.0	25.0	11.0	5.0
130	30.7	112.6	28.0	2.5	47.2	14.0	20.5	44.5	0.0	20.0	25.0	33.5	0.0
131	12.2	109.6	21.0	1.3	43.9	14.1	25.5	27.5	0.0	20.0	25.0	39.0	1.0
132	0.7	90.2	12.0	30.3	43.7	34.4	26.5	56.0	0.0	80.0	50.0	39.0	5.0
133	0.0	89.2	10.0	15.0	41.9	28.4	19.3	61.5	0.0	80.0	75.0	67.0	30.0
134	0.0	95.2	35.0	10.0	41.0	27.0	31.4	50.0	0.0	40.0	63.0	11.0	5.0
135	0.0	95.8	30.0	12.5	39.4	27.1	27.0	44.0	0.0	40.0	50.0	39.0	1.0
136	0.0	97.3	40.0	15.0	40.5	28.6	33.2	50.0	0.0	60.0	38.0	44.5	0.0
137	18.3	113.7	18.3	2.5	45.2	15.7	11.0	44.0	0.0	20.0	25.0	67.0	5.0
138	19.0	108.7	15.0	2.5	48.9	20.3	16.0	50.0	0.0	20.0	38.0	44.5	5.0
139	0.1	109.1	17.0	5.0	43.9	18.9	13.3	38.5	0.0	60.0	25.0	11.0	0.0
140	19.7	113.8	24.2	5.0	51.9	17.3	5.5	44.0	0.0	60.0	38.0	50.0	0.0
141	16.6	106.6	9.0	7.5	49.8	18.9	34.8	50.0	0.0	40.0	38.0	33.5	1.0

Table 2. Cont'd.

VTY NO	VARIETY OR CROSS AND PEDIGREE	YIELD KG/HA	TEST MT	FLOW DAYS	MAT DAYS	STRP RT. L	STRP RT. H	LEAF RUST
142	M2A-ARM"S" X BGL X15733-3Y-4B-2N-5M-0Y	3402.9	64.9	88.6	150.7	4.0	0.0	15.5
143	M2A-ARM"S" X BGL X15733-4M-0Y	3481.0	60.5	88.6	146.8	3.6	0.0	4.5
144	M2A-ARM"S" X BGL X15733-15Y-3M-2Y-1M-0Y	3647.1	62.0	86.1	145.5	6.3	0.0	13.4
145	M2A-ARM"S" X BGL X15733-15Y-3M-3Y-1M-0Y	3497.5	63.6	86.0	146.1	3.5	0.0	16.3
146	M2A-ARM"S" X BGL X15733-15Y-9M-1Y-2M-0Y	3431.7	61.5	86.3	145.5	7.7	0.0	9.1
147	BGC-ITA X KLA/M2A X15745-100Y-2M-1Y-0M	3167.2	64.5	83.3	140.1	3.6	0.0	1.4
148	M2A(2) X15754-A-1Y-1M-2Y-3M-0Y	3206.9	65.8	82.8	137.1	3.0	0.0	2.4
149	M2A(2) X15754-A-1Y-2M-1Y-1M-0Y	2953.3	66.3	82.5	138.3	3.8	0.0	2.2
150	BEAGLE	3601.6	64.1	87.2	144.7	4.8	0.0	7.7
151	M2A(2) X15754-A-2Y-1M-1Y-1M-0Y	3075.3	66.3	81.8	137.8	2.6	0.0	1.2
152	IA - MA X15867-6Y-6M-1Y-0M	3208.5	61.0	81.7	137.6	9.3	0.0	2.2
153	DRIRA - MA X15893-0M	3904.4	60.6	89.6	146.6	6.7	0.0	0.2
154	TCL E3 - ARM"S" X MA X15909-5Y-4Y-2M-0Y	2566.1	63.9	91.8	147.1	5.2	0.0	2.1
155	IA - M2A X15944-25Y-1Y-3M-0Y	3112.9	61.2	84.2	143.5	6.7	0.5	10.0
156	CINUEM - M2A X16033-5Y-1M-1Y-0M	2954.1	64.9	81.4	140.4	27.3	10.0	44.8
157	BUEY - BGL"S" X16215-103B-101Y-1Y-1M-0Y	3598.4	65.6	88.6	145.9	6.7	0.5	23.3
158	BUEY - BGL"S" X16215-103B-101Y-1Y-2M-0Y	3575.4	65.7	88.8	143.8	3.5	0.0	23.9
159	IRA-NURI"S" X BGL"S" X16227-32Y-2Y-0M	3063.0	64.8	84.5	140.9	4.0	0.0	13.7
160	IA-M2A X P162/BGL"S" X16304-107Y-1Y-0M	2895.4	62.7	80.8	138.6	7.0	2.5	6.9
161	IA-M2A X P162/BGL"S" X16304-107Y-100Y-2M-0Y	3216.8	64.4	88.6	144.9	5.4	0.5	1.3
162	IA-M2A X P162/BGL"S" X16304-110Y-3M-0Y	3323.7	68.4	86.7	142.1	8.5	0.5	1.2
163	BGC-IA X IOB/M2A X16372-13Y-1Y-0M	2477.0	60.8	82.3	140.0	8.3	0.0	2.7
164	M2A-UP301 X BGL"S" X16378-0M	2309.1	63.6	86.8	138.8	5.2	0.0	1.3
165	M2A-UP301 X BGL"S" X16378-2Y-0B-1Y-0M	3111.6	67.8	87.3	143.3	6.7	0.0	2.1

Table 2. Cont'd.

VTY	STEM RUST	PLNT HT	LDDG %	SHTR %	1000 Q. W.	SEPT TRIT	SEPT NDDG	SEPT SPP.	FUS WILT	FRST DMGE	BYDV	HELM	FUS GRAM
142	9.3	111.8	22.0	7.5	52.2	15.7	5.5	38.5	0.0	60.0	38.0	33.5	0.0
143	3.3	115.8	29.2	2.5	49.6	22.0	13.7	38.5	0.0	20.0	13.0	27.5	1.0
144	0.2	107.9	25.0	12.5	48.6	15.7	18.3	38.5	0.0	40.0	38.0	61.5	0.0
145	4.1	111.1	32.0	2.5	51.8	18.9	21.0	55.5	0.0	20.0	38.0	44.5	5.0
146	0.1	108.0	28.3	7.5	52.0	18.7	13.3	38.5	0.0	40.0	38.0	44.5	0.0
147	1.6	96.8	30.0	12.5	37.1	29.3	39.3	50.0	22.0	60.0	63.0	44.5	0.0
148	1.3	94.1	26.7	12.5	37.9	17.5	24.3	50.0	0.0	80.0	63.0	67.0	0.0
149	1.3	94.9	25.8	5.0	35.4	23.6	29.7	44.0	0.0	80.0	50.0	44.5	10.0
150	6.2	112.8	28.0	6.3	48.0	20.4	16.0	33.0	0.0	40.0	38.0	56.0	0.0
151	0.0	92.4	19.0	11.3	35.2	25.1	39.3	61.5	0.0	60.0	38.0	33.5	1.0
152	0.0	94.4	36.0	15.0	40.5	19.0	42.0	50.0	0.0	60.0	38.0	44.5	0.0
153	0.0	106.9	30.8	12.5	31.2	20.3	20.5	33.0	0.0	60.0	25.0	56.0	10.0
154	0.0	93.1	24.0	10.0	41.8	21.7	30.0	50.0	0.0	60.0	38.0	56.0	5.0
155	13.3	96.5	28.0	19.0	40.3	23.4	45.0	38.5	0.0	60.0	50.0	56.0	1.0
156	13.3	95.5	36.0	19.0	39.9	31.3	25.7	67.0	0.0	80.0	38.0	72.0	5.0
157	3.3	114.5	21.0	5.0	52.4	20.3	32.0	38.5	0.0	40.0	38.0	89.0	0.0
158	3.3	115.3	25.0	5.0	53.1	22.0	21.5	38.5	0.0	60.0	25.0	83.5	0.0
159	1.3	99.5	32.0	26.7	49.7	25.1	33.3	61.5	0.0	60.0	38.0	67.0	10.0
160	3.3	96.8	36.0	16.7	44.2	18.6	42.3	61.5	0.0	80.0	50.0	56.0	5.0
161	0.0	106.0	38.0	6.7	44.2	20.6	27.3	27.5	0.0	60.0	50.0	56.0	0.0
162	0.0	107.9	46.0	20.0	44.0	28.0	22.3	38.5	0.0	80.0	50.0	72.0	5.0
163	0.1	91.2	32.0	23.3	41.0	21.9	25.7	50.0	0.0	80.0	50.0	50.0	30.0
164	0.0	98.3	32.0	18.8	35.3	26.7	50.5	67.0	0.0	80.0	50.0	56.0	10.0
165	0.0	112.7	32.0	5.0	43.1	18.9	21.0	44.5	0.0	60.0	25.0	50.0	0.0

Table 2. Cont'd.

VTY NO.	VARIETY OR CROSS AND PEDIGREE	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT. L	STRP RT. H	LEAF RUST
166	M2A-SPY X M2A X16379-5Y-3Y-1M-0Y	2816.0	63.6	83.7	139.6	5.2	0.5	2.5
167	TREAT 913-CIN X IA X16519-12Y-4Y-0M	2463.3	61.8	84.2	144.8	23.8	0.0	11.8
168	DRIRA - KANG X16648-1Y-1B-1Y-1N-2M-0Y	3444.5	63.4	87.4	142.5	7.0	2.5	1.0
169	M2A - ZA 75 X17034-2N-0M	2657.2	58.8	82.9	139.1	3.1	0.0	3.1
170	M2A - ZA 75 X17034-5Y-2Y-0M	2915.0	59.2	84.4	139.6	3.1	0.5	2.8
171	M2A-CMB 70 X17056-6Y-2Y-0M	3317.6	62.3	83.7	137.6	9.1	0.0	1.8
172	FS 393 - JUPATECO 73 X17084-8Y-3Y-0M	3067.5	61.5	85.7	141.0	6.7	0.0	6.8
173	KOR - T171 X17087-11Y-2Y-2B-0Y	2784.3	62.3	85.7	144.7	6.7	0.0	3.9
174	IA - SPY X17117-25Y-3Y-4B-0Y	2839.1	59.1	84.5	139.8	3.1	0.5	4.7
175	MAYA I - SPY X17130-14Y-2M-2Y-1B-0Y	2711.1	62.7	82.9	140.1	7.5	0.0	4.1
176	IA - SPY X CIN X17140-10Y-1Y-0M	2985.2	59.9	84.2	140.4	5.1	0.5	3.4
177	M2A - IA X CML X17168-C-4Y-3M-1Y-1M-0Y	2987.2	65.9	85.9	140.3	2.9	0.0	6.3
178	M2A - IRA X CML X17193A-9Y-1Y-1M-0Y	2539.3	65.6	85.6	138.4	3.4	2.5	3.0
179	CML X CND-GALLO X17077-2M-0Y	3335.3	63.3	88.4	147.9	5.4	0.0	0.6
180	NAVOJDA	2585.7	65.1	82.4	139.2	3.2	2.5	10.7
181	P6 CENT BULK X ABN X19260-100Y-2M-1Y-0M	2971.3	65.2	84.1	140.6	3.8	0.0	1.3
182	KISS - RM"S" X20991-100Y-1M-1Y-3M-0Y	2885.8	63.6	84.6	139.9	2.8	0.5	0.2
183	DRIRA - FAS 204 X21298-2N-0M	2935.5	63.4	87.1	146.6	5.2	0.0	0.4
184	BQL - IRA X21338-0M	2918.3	63.9	87.0	142.6	5.1	0.0	2.3
185	BQL"S" X TOB - ARM"S" X21542-5N-0M	2847.0	62.4	87.8	145.5	8.7	0.0	0.8
186	RM A BQL"S" - M2A X22097-100Y-1Y-0M	2805.9	64.2	81.9	139.1	6.7	0.5	6.8
187	BQL"S"/ARS-MEXIPAK MUT X BQL"S" X22473-102Y-100Y-1M-0Y	2882.5	62.4	87.8	147.0	5.2	0.0	0.5
188	BQL"S"/ARS-MEXIPAK MUT X BQL"B" X22473-102Y-100Y-12M-0Y	2840.3	65.7	89.4	148.4	5.2	0.5	4.3
189	BQL"S"/BQL"S" X ITA-LED X22551-100Y-3Y-0M	3091.0	61.9	87.5	146.9	3.8	0.0	3.2

Table 2. Cont'd.

VTY	STEM RUST	PLNT HT	LDDG %	SHTR %	1000 G. W.	SEPT TRIT	SEPT NODO	SEPT SPP.	FUS WILT	FRST DMGE	BYDV	HELM	FUS GRAM
166	0 0	91.2	30.0	13.8	44.2	23.6	47.8	44.0	0.0	100.0	50.0	72.0	10.0
167	0 0	88.9	33.0	11.5	43.9	28.4	47.8	56.0	0.0	80.0	38.0	61.5	20.0
168	0 0	113.0	39.0	7.5	42.2	17.1	18.8	50.0	0.0	80.0	50.0	56.0	20.0
169	0 0	95.1	40.0	15.0	37.3	21.5	35.4	38.5	0.0	60.0	50.0	44.5	5.0
170	0 0	95.5	39.0	15.0	39.5	24.3	26.6	38.5	0.0	80.0	50.0	56.0	0.0
171	6.7	96.7	38.0	11.3	40.6	25.6	30.6	50.0	0.0	60.0	50.0	50.0	5.0
172	0 0	92.4	32.0	15.3	44.1	18.9	31.5	56.0	0.0	80.0	63.0	61.5	10.0
173	0 0	93.0	23.0	13.5	30.2	20.4	29.3	33.0	0.0	80.0	38.0	56.0	5.0
174	1.3	97.0	35.0	10.0	35.6	20.1	18.6	38.5	0.0	80.0	38.0	56.0	0.0
175	0 0	93.4	34.0	16.3	42.3	22.1	21.0	38.5	0.0	80.0	50.0	27.5	5.0
176	0 0	96.9	32.0	16.5	40.0	22.9	35.0	50.0	0.0	60.0	25.0	67.0	5.0
177	0 0	98.7	29.0	20.0	30.4	23.7	30.3	50.0	0.0	100.0	38.0	67.0	5.0
178	0 0	99.7	33.0	22.5	41.1	25.0	27.0	33.0	0.0	80.0	50.0	67.0	20.0
179	0 0	104.8	27.0	17.5	46.5	14.0	22.0	44.5	0.0	80.0	38.0	83.5	0.0
180	1.3	90.3	23.0	16.3	40.9	25.0	29.7	61.5	0.0	100.0	38.0	56.0	10.0
181	0 0	95.9	30.0	23.3	42.8	28.3	21.5	61.0	11.0	80.0	50.0	67.0	30.0
182	0 0	99.1	34.0	10.0	44.4	26.9	13.7	50.0	0.0	40.0	50.0	61.5	1.0
183	0 0	112.3	20.0	13.3	52.9	6.3	6.0	44.5	0.0	40.0	38.0	61.5	1.0
184	0 0	114.0	10.0	3.3	49.4	26.6	13.7	38.5	0.0	20.0	50.0	61.5	1.0
185	0 0	111.9	15.0	3.3	47.7	23.6	13.7	39.0	0.0	40.0	38.0	50.0	1.0
186	28.7	93.6	18.0	5.0	46.7	27.0	26.5	50.0	0.0	80.0	50.0	61.5	10.0
187	0 0	111.9	24.0	11.7	56.2	9.4	11.0	22.0	0.0	60.0	50.0	56.0	0.0
188	0 0	113.8	20.0	5.0	54.4	14.1	8.3	22.0	0.0	20.0	38.0	27.5	0.0
189	0 0	107.6	22.0	8.3	53.3	12.7	11.0	44.5	0.0	40.0	38.0	56.0	5.0

Table 2. Cont'd.

VTY NO	VARIETY OR CROSS AND PEDIGREE	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT. L	STRP RT. H	LEAF RUST
190	BGL "S"/BGL "S" X ITA-LEO X22551-100Y-4Y-0H	3056.6	65.4	87.7	145.8	5.2	0.0	1.6
191	BGL "S"/BGL "S" X ITA-LEO X22551-100Y-100Y-9M-0Y	3338.5	62.1	87.7	146.1	10.3	0.0	10.4
192	BGL "S"/ARS-MEXIPAK MUT X BGL "S" X22562-101Y-3Y-1M-0Y	3384.5	64.9	86.7	144.7	9.2	0.5	17.2
193	BGL "S"/ARS-MEXIPAK MUT X BGL "S" X22562-101Y-3Y-3M-0Y	3010.9	66.4	85.1	143.6	10.5	0.5	18.1
194	BGL "S" X ITA-LEO/M2A X22585-100Y-1Y-1M-0Y	2730.7	64.6	84.8	142.9	5.0	2.5	22.5
195	IRA-BGL "S" X M2A(2) - CIN X22591-100Y-100Y-4M-0Y	2788.0	68.3	82.5	140.5	7.6	0.0	1.2
196	BGL - IGA X23892-C-101Y-5M-0Y	2796.0	65.3	81.4	138.8	3.4	0.5	4.4
197	BGL - IGA X23892-C-101Y-21M-0Y	2695.3	65.9	78.4	136.6	5.1	0.5	0.3
198	FW121-PROL X CIN/YO "R" X23963-100Y-4M-0Y	2943.6	66.3	78.7	136.8	3.6	0.5	8.9
199	FW121-PROL X CIN/YO "R" X23963-100Y-0M	2981.2	66.9	78.3	137.2	4.1	0.5	6.6
200	LOCAL CHECK	3089.6	69.0	85.3	144.6	7.2	0.0	10.3
201	[M2A(BVR-TOBI "S" XARS/CIN)] ABN X26097-D-100Y-101Y-11M-0Y	3000.0	63.0	81.2	135.5	7.0	0.0	0.3
202	USA III-CX(BYE(2)-TC)(TCLE-TC(2))X B. BAL-BYE(2) -3M-0Y	2463.2	66.1	85.3	138.4	9.3	0.0	2.0
203	FS 1897 -1Y-1Y-0M	3005.9	67.2	85.8	144.1	11.0	0.0	1.4
204	FS 3093	2715.7	66.3	89.3	143.5	6.7	0.5	14.0
205	PI 134930 P 1Y-0M	2694.0	62.0	82.7	140.4	3.4	25.0	8.4
206	CHL-PATO SEL	2786.1	68.4	82.2	139.3	6.7	0.5	1.6
207	BGL "S"	3403.8	62.3	87.6	145.6	7.8	0.0	16.3
208	BGL "S" X1530-A-12M-3Y-3M-1Y-0M-3M-0Y	2894.9	62.8	86.6	145.1	6.9	0.0	3.7
209	BGL "S" X1530-A-12M-5N-1M-1Y-100M-0Y-2M- 0Y	3125.0	63.2	87.7	145.6	7.8	0.0	7.8
210	MAPACHE "S"	3023.5	62.4	83.8	138.8	5.0	0.5	9.2
211	BGL CORTO 108Y-1M-0Y	3267.4	62.7	86.8	144.6	7.8	0.0	6.0
212	BGL CORTO 108Y-2M-0Y	2962.0	62.8	87.3	143.6	8.5	0.0	2.9
213	BGL CORTO 100Y-3M-0Y	3216.3	64.0	86.8	144.3	10.5	0.0	4.5
214	BGL EMS 3M-0Y	2851.0	63.7	89.0	148.9	9.3	0.5	1.2

Table 2. Cont'd.

VTY	STEM RUST	PLNT HT	LOGG %	SHTR %	1000 G. W.	SEPT TRIT	SEPT NODD	SEPT SPP	FUS WILT	FRST DMGE	BYDV	HELM	FUS GRAM
190	8.3	106.7	24.0	6.3	49.7	17.3	14.3	33.0	0.0	20.0	38.0	56.0	5.0
191	6.7	108.1	32.0	6.3	51.8	12.6	13.7	55.5	0.0	20.0	38.0	61.5	5.0
192	13.5	112.2	24.0	6.3	46.3	12.6	11.0	33.0	0.0	60.0	38.0	100.0	1.0
193	20.0	112.0	32.0	6.3	48.1	14.3	11.0	27.5	0.0	60.0	38.0	56.0	5.0
194	23.3	108.6	24.0	10.0	50.7	13.9	8.3	27.5	0.0	40.0	50.0	56.0	1.0
195	0.0	97.4	26.0	10.0	32.6	23.7	42.0	61.5	33.0	80.0	63.0	56.0	10.0
196	28.3	93.1	34.0	8.3	43.7	23.7	31.5	44.5	0.0	100.0	50.0	56.0	10.0
197	15.0	92.6	30.0	16.7	50.2	26.9	34.3	44.0	22.0	100.0	50.0	61.5	5.0
198	0.0	93.7	34.0	11.3	38.8	26.6	32.8	50.0	11.0	80.0	63.0	56.0	20.0
199	0.0	96.1	32.0	10.0	42.8	23.7	24.3	44.0	22.0	80.0	63.0	61.5	20.0
200	1.6	96.0	16.0	27.5	38.0	52.0	16.5	44.0	11.0	---	38.0	78.0	1.0
201	0.0	95.5	29.0	20.0	46.1	29.9	19.3	50.0	11.0	80.0	50.0	61.5	0.0
202	0.0	97.4	29.0	17.5	41.6	25.1	44.3	44.0	0.0	100.0	38.0	78.0	1.0
203	0.0	103.3	30.0	15.0	36.8	22.8	45.6	50.0	0.0	80.0	38.0	56.0	5.0
204	3.3	104.2	26.0	11.3	46.9	7.7	23.3	38.5	0.0	40.0	38.0	67.0	5.0
205	3.3	98.6	26.0	17.5	41.4	19.0	42.3	50.0	0.0	60.0	38.0	56.0	0.0
206	0.0	99.1	24.0	15.0	45.4	15.7	37.8	44.5	0.0	40.0	50.0	67.0	5.0
207	9.8	114.1	22.0	3.8	50.0	11.0	27.8	22.0	0.0	20.0	25.0	56.0	0.0
208	1.3	107.9	28.0	12.5	48.9	12.6	27.3	33.0	0.0	40.0	25.0	89.0	10.0
209	8.6	112.4	20.0	6.3	52.4	14.3	21.5	22.0	0.0	40.0	25.0	56.0	0.0
210	1.3	99.4	20.0	6.3	40.2	19.1	40.0	44.0	0.0	60.0	25.0	33.5	5.0
211	0.1	111.6	28.0	7.5	48.4	11.0	16.5	44.5	0.0	40.0	25.0	56.0	0.0
212	0.1	111.5	34.0	3.8	52.1	19.0	24.3	33.0	0.0	40.0	25.0	33.5	0.0
213	0.0	113.9	34.0	2.5	52.2	17.4	27.3	16.5	0.0	40.0	25.0	39.0	0.0
214	0.0	110.5	34.0	2.5	48.9	19.0	25.0	33.0	0.0	60.0	25.0	61.5	5.0

Table 2. Cont'd.

VTY NO	VARIETY OR CROSS AND PEDIGREE	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT. L	STRP RT. H	LEAF RUST
215	CML-PATD X BGL "S" 5M-0Y	2790.8	66.5	80.7	138.2	5.6	0.0	8.7
216	IA X1648-8N-3M-0Y-2B-0Y	2690.8	66.6	79.3	135.7	5.4	0.0	3.4
217	IA-M2A X15946-4Y-4M-1Y-0M	2718.8	61.6	85.0	138.7	5.3	0.0	0.2
218	UM 1216 W1433-86Y-4W-0W	2147.8	60.6	86.8	143.1	11.5	30.0	5.7
219	UM 1236 W664-1W-1W-0W	2868.0	54.3	94.1	149.1	11.2	25.0	8.0
220	UM 1296 W0-82W-7W-0W	2960.8	56.4	95.8	148.8	5.5	0.0	14.8
221	UM 1336 X9807-17W-9W-1W-0W	2696.3	60.6	91.3	145.1	9.0	15.0	12.5
222	UM 1346 S21734 - (Z 129)	2468.8	59.1	87.0	137.6	5.9	0.5	14.2
223	M2A X2802-55N-3M-2N-5M-2Y-0M-100M-0Y	2453.3	63.1	87.9	142.8	4.1	0.5	3.0
224	M2A-FS 158 X12850-35Y-1Y-2Y-0M	2832.2	66.1	80.6	135.1	3.7	0.0	4.0
225	M2A X Y50E - KAL(3) X14708-3Y-1M-1Y-5M-2Y-0M	2612.3	68.6	88.3	142.0	5.1	0.5	8.7
226	M2A - WW15 X17045-13Y-100Y-4M-0Y	2405.6	68.1	79.8	132.5	3.9	0.0	0.8
227	CHAPALA - SPY X M2A X22652-100Y-101Y-3M-0Y	2611.3	71.0	80.1	135.4	6.5	0.0	1.0
228	M2A - CML X8386-A-2Y-1M-1Y-1Y-3M-101Y-0M	2318.1	67.4	81.9	135.0	5.4	0.0	1.7
229	M2A-FS 722 X12845-5Y-4Y-1M-100Y-0M	2540.2	70.6	81.2	134.2	11.0	0.0	0.4
230	M2A - CML X8210-A-2Y-2M-1Y-1Y-3M-100Y-1M-0Y	2638.1	64.9	80.8	132.6	10.0	0.0	0.3
231	M2A - IRA X CML X17191-A-5Y-1M-1Y-1M-0Y	2772.4	64.0	83.5	136.5	10.1	0.0	1.0
232	FS 3268 3M-0Y	2389.8	66.6	89.6	140.6	8.3	0.0	13.6
233	BGL - IGA X23892-C-101Y-19M-0Y	2665.1	69.6	80.7	135.0	5.1	0.0	1.1
234	CML - FS 1377 X13334-17Y-1Y-1M-100Y-0M	2197.7	69.1	81.2	134.1	5.1	0.0	5.0
235	70 HN 470-KLA"B" X13393-19Y-100B-100Y-1Y-6M-0Y	2640.1	66.7	80.9	136.5	3.8	0.0	6.5
236	M2A - SPY 0M	2544.3	71.1	80.4	133.8	5.0	0.5	0.1
237	FW121-PROL X CIN/YO"R" X23963-100Y-1M-0Y	2769.8	65.8	80.2	135.9	3.7	0.0	2.9

Table 2. Cont'd.

VTY	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G. W.	SEPT TRIT	SEPT NODO	SEPT SPP.	FUS WILT	FRST DMGE	BYDV	HELM	FUS GRAM
215	1.3	96.8	36.0	5.0	46.4	20.3	35.6	72.5	0.0	100.0	38.0	56.0	5.0
216	0.1	92.0	30.0	10.0	38.0	25.9	39.3	61.5	0.0	100.0	50.0	33.5	10.0
217	0.0	96.4	15.0	25.0	39.7	29.6	53.5	44.5	0.0	100.0	38.0	56.0	0.0
218	0.0	92.8	22.0	13.8	41.4	28.1	46.3	56.0	0.0	80.0	38.0	61.5	-----
219	1.3	114.9	28.0	8.8	40.0	20.0	13.3	27.5	0.0	20.0	25.0	78.0	0.0
220	0.7	106.2	26.0	12.5	55.4	10.9	30.5	38.5	0.0	20.0	50.0	67.0	0.0
221	1.7	108.7	36.0	15.0	41.4	23.6	37.6	16.5	0.0	20.0	25.0	56.0	10.0
222	0.7	100.4	36.0	16.3	46.8	18.8	34.2	44.0	0.0	60.0	50.0	50.0	10.0
223	0.0	98.1	30.0	20.0	37.8	20.3	50.6	50.0	0.0	60.0	38.0	39.0	0.0
224	0.1	96.5	36.0	27.8	39.9	29.9	45.2	44.5	0.0	80.0	50.0	67.0	0.0
225	1.3	96.8	28.0	22.5	49.4	29.6	30.5	33.0	0.0	60.0	50.0	61.5	1.0
226	0.0	82.8	30.0	20.0	37.7	28.0	25.0	56.0	0.0	60.0	38.0	56.0	-----
227	0.0	99.6	40.0	16.3	32.0	34.1	42.8	72.5	0.0	80.0	63.0	56.0	10.0
228	0.1	98.3	40.0	27.5	33.2	28.4	45.8	44.5	0.0	80.0	50.0	61.5	1.0
229	0.0	100.0	36.0	20.0	33.1	38.6	40.5	67.0	0.0	80.0	63.0	56.0	1.0
230	0.0	101.1	32.0	30.0	38.2	25.4	29.3	72.5	0.0	80.0	38.0	56.0	10.0
231	0.0	100.5	18.0	26.3	45.5	21.7	27.5	44.5	0.0	80.0	38.0	44.5	0.0
232	0.8	101.2	6.0	16.3	50.0	15.6	11.0	39.0	0.0	40.0	38.0	22.0	5.0
233	0.1	95.3	14.0	12.5	45.6	26.9	27.8	61.5	0.0	60.0	38.0	44.5	1.0
234	0.0	94.3	16.0	31.3	41.1	25.8	45.5	67.0	0.0	100.0	38.0	67.0	20.0
235	0.1	93.2	18.0	16.3	43.3	20.0	28.0	44.5	0.0	60.0	50.0	67.0	20.0
236	0.0	96.4	32.0	17.8	32.2	32.1	46.3	50.0	0.0	80.0	50.0	56.0	20.0
237	0.0	95.7	34.0	15.0	41.4	24.1	34.2	61.5	0.0	60.0	63.0	39.0	5.0

Table 2. Cont'd.

VTY NO.	VARIETY OR CROSS AND PEDIGREE	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT. L	STRP RT. H	LEAF RUST
238	BGC - TI 71 X14536-26Y-100Y-1M-0Y	1858.6	68.4	85.2	139.3	3.0	0.5	2.2
239	BGC - TI 71 X14536-26Y-100Y-4M-0Y	2047.8	66.7	86.3	140.7	3.2	0.0	2.1
240	RAHUM	2777.2	63.3	83.9	136.9	1.0	0.0	5.0
241	M2A - CML XB386 D 2Y-0M-100Y-102B-102Y- 100Y-3M-0Y	2551.3	70.6	81.1	138.1	11.0	0.0	2.1
242	M2A - CML XB386 D 2Y-0M-100Y-101B-102Y- 100Y-3M-0Y	2446.2	69.8	81.4	135.0	6.0	0.0	1.3
243	IRA - CML XB326-B-1Y-1M-1Y-0Y	2349.6	70.2	80.3	137.2	6.8	0.0	3.4
244	FS 381 - FS 477 X17014-A-101Y-1Y-0M	2277.4	68.4	81.2	135.8	5.5	0.0	2.1
245	FS 381 - FS 477 X17014-A-101Y-2Y-0M	2613.5	69.6	82.2	136.7	3.8	0.0	6.3

Table 2. Cont'd.

VTY	STEM RUST	PLNT HT	LODG %	SHTR %	1000 G. W.	SEPT TRIT	SEPT NODD	SEPT SPP.	FUS WILT	FRST DMGE	BYDV	HELM	FUS GRAM
238	0.0	99.7	16.0	20.0	43.4	20.1	28.4	55.5	0.0	40.0	63.0	33.5	5.0
239	0.0	99.4	14.0	12.5	44.3	20.1	34.6	33.0	0.0	20.0	63.0	61.5	0.0
240	0.0	95.5	38.0	17.5	41.4	20.3	25.6	61.5	0.0	60.0	63.0	56.0	5.0
241	0.0	97.8	32.0	18.8	31.0	35.6	35.5	56.0	0.0	80.0	63.0	83.5	-----
242	0.0	94.4	34.0	22.5	30.6	37.3	38.3	56.0	0.0	80.0	50.0	61.5	-----
243	0.0	87.9	26.0	15.0	38.3	33.9	36.4	50.0	0.0	60.0	63.0	44.5	0.0
244	0.0	91.2	37.0	17.5	41.4	26.9	56.8	50.0	0.0	80.0	63.0	39.0	5.0
245	0.0	91.5	33.0	17.5	42.6	23.7	61.8	61.5	0.0	80.0	63.0	61.5	30.0

Table 3. Top performance entries: Yield.

VTV NO	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD	TEST	STRP	LEAF	STEM	
				KG/HA	WT	RT. L	RUST	RUST	
				NOBS:	(41)	(8)	(5)	(14)	(6)
153	DRIRA - MA X15893-0M			3904.4	60.6	6.7	0.2	0.0	
56	IA - IRA X BUI X12257-1N-0M			3859.1	61.6	5.4	2.3	0.0	
144	M2A-ARM"S" X BGL X15733-15Y-3M-2Y-1M-0Y			3647.1	62.0	6.3	13.4	0.2	
190	BEAGLE			3601.6	64.1	4.8	7.7	6.2	
157	BUEY - BGL"S" X16215-103B-101Y-1Y-1M-0Y			3598.4	65.6	6.7	23.3	3.3	
158	BUEY - BGL"S" X16215-103B-101Y-1Y-2M-0Y			3575.4	65.7	3.5	23.9	3.3	
137	M2A - ARM"S" X BGL X15733-0M			3530.7	61.6	2.8	17.8	18.3	
145	M2A-ARM"S" X BGL X15733-15Y-3M-3Y-1M-0Y			3497.5	63.6	3.5	16.3	4.1	
138	M2A - ARM"S" X BGL X15733-1Y-2M-1Y-0M			3489.5	64.0	4.0	6.7	19.0	
143	M2A-ARM"S" X BGL X15733-4M-0Y			3481.0	60.5	3.6	4.5	3.3	
168	DRIRA - KANG X16648-1Y-1B-1Y-1N-2M-0Y			3444.5	63.4	7.0	1.0	0.0	
146	M2A-ARM"S" X BGL X15733-15Y-9M-1Y-2M-0Y			3431.7	61.5	7.7	9.1	0.1	
113	CIN"R" - BGL"S" X15392-4H-1Y-2Y-0M			3411.6	63.7	2.6	10.0	0.1	
18	M2A X2802-3BN-3M-5N-3M-2Y-0M			3404.1	65.9	1.0	3.1	2.7	
207	BGL"S"			3403.8	62.3	7.8	16.3	9.8	
142	M2A-ARM"S" X BGL X15733-3Y-4B-2N-5M-0Y			3402.9	64.9	4.0	15.5	9.3	
20	M2A X2802-5BN-2M-0N-100M-0Y			3397.8	67.7	3.3	9.4	4.2	
126	BGL"S" - M2A X16683-100Y-1M-3Y-3M-0Y			3395.5	61.5	2.1	14.0	1.6	
61	BGL"S"/ARS-MEXIPAK MUT X BGL"S" X22562-100Y-100Y-12M-0Y			3391.6	64.2	5.3	6.0	0.1	
192	BGL"S"/ARS-MEXIPAK MUT X BGL"S" X22562-101Y-3Y-1M-0Y			3384.5	64.9	9.2	17.2	13.5	
121	M1A - BGL"S" X15552-33H-2Y-2Y-1M-0Y			3380.5	61.2	7.3	7.0	0.0	
60	BEAGLE			3373.2	63.5	4.5	6.6	8.5	
134	TCL BULK 50 - MA X15684-3Y-2Y-0M			3345.2	63.5	1.9	3.9	0.0	
191	BGL"S"/BGL"S" X ITA-LEO X22551-100Y-100Y-9M-0Y			3338.5	62.1	10.3	10.4	6.7	
43	IA - M2A X11052-C-2M-1Y-1Y-2M-0Y			3336.2	64.1	2.7	1.1	1.3	
179	CML X CND-GALLO X17077-2M-0Y			3335.3	63.3	5.4	0.6	0.0	
129	BGL"S" X M2A - CIN X15673-A-1Y-2Y-1M-0Y			3330.3	67.1	2.6	9.9	26.7	
116	M2A - BGL X15490-3Y-0M			3328.2	65.1	5.3	8.6	0.1	

Table 3. Cont'd.

VITY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	STRP RT. L	LEAF RUST	STEM RUST	NOBS:					
									(41)	(8)	(5)	(14)	(6)	
131	BGL "S" x M2A - CIN X15673-A-1Y-2Y-8M-0Y			3327.6	66.6	6.1	6.8	12.2						
140	M2A-ARM "S" x BGL X15733-1Y-9M-2Y-2M-0Y			3326.5	65.4	3.2	7.9	19.7						
162	IA-M2A x PI62/BGL "S" X16304-110Y-3M-0Y			3323.7	68.4	8.5	1.2	0.0						
171	M2A-CHB 70 X17056-6Y-2Y-0M			3317.6	62.3	9.1	1.8	6.7						
62	BGL "S"/ARS-MEXIPAK MUT x BGL "S" X22563-101Y-1M-1Y-0M			3308.0	61.8	6.5	2.0	0.1						
76	IRA - CML "S" X13019-A-1Y-1Y-4M-1Y-0M			3294.3	67.5	2.1	2.9	1.3						
141	M2A-ARM "S" x BGL X15733-1Y-12M-3Y-2M-0Y			3292.6	63.0	5.7	10.3	16.6						
132	OCTO BULK 50 - IA X15682-21Y-7Y-2M-0Y			3280.3	61.0	4.2	5.3	0.7						
130	BGL "S" x M2A - CIN X15673-A-1Y-2Y-6M-0Y			3275.5	65.2	2.6	10.0	30.7						
211	BGL CORTO 108Y-1M-0Y			3267.4	62.7	7.8	6.0	0.1						
14	RAHUM "R" 1Y-0M			3265.3	63.9	0.6	5.8	0.7						
30	MAPACHE "S"			3259.2	62.2	0.8	4.3	0.0						

Table 4. Top performance entries: Test weight.

VTY NO.	VARIETY OR CROSS AND PEDIGREE	NOBS:	YIELD KG/HA (41)	TEST WT (8)
46	M2A - IGA X IA - KLA X11286-C-4M-4Y-0Y		3092.4	71.2
236	M2A - SPY OM		2544.3	71.1
227	CHAPALA - SPY X M2A X22652-100Y-101Y-3M-0Y		2611.3	71.0
241	M2A - CML XB386 D 2Y-0M-100Y-102B-102Y- 100Y-3M-0Y		2551.3	70.6
229	M2A-FS 722 X12845-5Y-4Y-1M-100Y-0M		2540.2	70.6
243	IRA - CML XB326-B-1Y-1M-1Y-0Y		2349.6	70.2
242	M2A - CML XB386 D 2Y-0M-100Y-101B-102Y- 100Y-3M-0Y		2446.2	69.8
100	LOCAL CHECK		3224.5	69.7
233	BGL - IGA X23892-C-101Y-19M-0Y		2665.1	69.6
245	FS 381 - FS 477 X17014-A-101Y-2Y-0M		2613.5	69.6
85	TEJON - IRA X13895-B-100Y-101B-105Y-0Y		3125.0	69.5
47	IRA(2) - M2A(2) X11308-B-2M-3Y-2Y-4M-0Y		2876.8	69.4
234	CML - FS 1377 X13334-17Y-1Y-1M-100Y-0M		2197.7	69.1

Table 5. Top performance entries: Days to flower.

VTY NO.	VARIETY OR CROSS AND PEDIGREE	YIELD KG/HA	FLOW DAYS
		NOBS: (41)	(35)
52	IRA - M2A X11774-2M-1Y-2Y-4M-1Y-OM	2942.3	76.9
199	FW121-PROL X CIN/YD"R" X23963-100Y-OM	2981.2	78.3
53	IGA - M2A X11814-2M-2Y-100Y-0Y	2573.2	78.4
197	BGL - IGA X23892-C-101Y-21M-0Y	2695.3	78.4
81	FW 121-PROL X CIN/FS714 X13551-18Y-1Y-2M-1Y-OM	2971.1	78.5
198	FW121-PROL X CIN/YD"R" X23963-100Y-4M-0Y	2943.6	78.7
33	M2A(2) X8504-C-2Y-2M-100Y-104B-104Y-1M-1Y-OM	2849.3	78.8
34	M2A(2) X8504-C-2Y-2M-100Y-104B-105Y-2M-2Y-OM	2782.3	78.9
32	M2A(2) X8504-C-2Y-2M-100Y-103B-107Y-0Y-101M-0Y	3215.0	78.9
216	IA X1648-8N-3M-0Y-2B-0Y	2690.8	79.3
27	IRA(2) X8319-A-3Y-1M-0Y	2528.8	79.4
226	M2A - WW15 X17045-13Y-100Y-4M-0Y	2405.6	79.8
21	IA - BUSH X7254-29M-1Y-101M-0Y	3151.2	80.0
35	M2A(2) X8534-D-3Y-2M-0Y-101B-103Y-3M-3Y-3M-0Y	3079.9	80.1
227	CHAPALA - SPY X M2A X22652-100Y-101Y-3M-0Y	2611.3	80.1
114	M2A X ITA - LED X15473-1Y-1M-1Y-OM	2806.8	80.2
79	CML - IRA X13333-A-1Y-2Y-1Y-OM	2571.0	80.2
237	FW121-PROL X CIN/YD"R" X23963-100Y-1M-0Y	2769.8	80.2
99	IRA-M2A X IA-M2A X14517-C-1Y-1Y-2Y-OM	2831.2	80.3
4	BACUM	2859.2	80.3

Table 6. Top performance entries: Stripe rust (leaf).

VTY NO.	VARIETY OR CROSS AND PEDIGREE	YIELD KG/HA	STRP RT. L	
			NOBS: (41)	(5)
14	RAHUM"R" 1Y-0M	3265.3		0.6
9	LINCE	2685.9		0.8
30	MAPACHE "S"	3259.2		0.8
13	MAPACHE"S"	3088.3		0.8
7	RAHUM	3135.3		0.9
18	M2A X2802-38N-3M-5N-3M-2Y-0M	3404.1		1.0
240	RAHUM	2777.2		1.0
17	M2A X2802-38N-3M-5N-3M-0Y-2M-0Y	2853.2		1.1
99	IRA-M2A X IA-M2A X14517-C-1Y-1Y-2Y-0M	2831.2		1.2
28	IRA - CML X8326-C-1Y-1M-100Y-105B-100Y-1Y-0M	2902.8		1.2
29	IRA - CML X8326-E-1Y-1M-100Y-106B-103Y-0Y	3008.7		1.3
16	M1A X2148-5M-2M-3Y-2M-0Y	3233.2		1.6
5	ARABIAN	2878.1		1.6
15	M1A X2148-5N-2M-2Y-2M-0Y-102M-0Y	2942.9		1.7
31	M2A - IRA X8417-E-1Y-7M-2Y-0Y	3078.8		1.7
27	IRA(2) X8319-A-3Y-1M-0Y	2528.8		1.8
70	M2A - BGC X12764-19Y-3Y-2M-2Y-0M	3170.9		1.8
69	M2A - BGC X12764-19Y-1Y-1M-1Y-0M	3156.4		1.8
134	TCL BULK 50 - MA X15684-3Y-2Y-0M	3345.2		1.9
75	IRA - CML"S" X13019-A-1Y-1Y-1M-1Y-0M	3241.5		1.9
135	TCL BULK 50 - MA X15684-6Y-1M-1Y-0M	2768.0		2.0
120	MAPACHE"S"	2851.0		2.0
95	IRA - ND 66 X14447-B-1Y-4Y-2M-1Y-0M	2914.4		2.0
76	IRA - CML"S" X13019-A-1Y-1Y-4M-1Y-0M	3294.3		2.1
126	BGL"S" - M2A X16683-100Y-1M-3Y-3M-0Y	3395.5		2.1
98	M2A(2) X CIN-KLA X14495-F-3Y-1Y-1Y-0M	2873.1		2.2
96	IRA - ND 66 X14447-B-3Y-2Y-1Y-1M-0Y	2725.7		2.2
71	M2A - FS 722 X12845-12Y-7Y-2M-1Y-0M	2968.4		2.3
133	OCTO BULK 50 - IA X15682-100Y-0Y	2717.5		2.4
6	MAPACHE"S"	3146.7		2.4
32	M2A(2) X8504-C-2Y-2M-100Y-103B-107Y-0Y-101M-0Y	3215.0		2.4

Table 7. Top performance entries: Leaf rust.

VTY NO.	VARIETY OR CROSS AND PEDIGREE	YIELD KG/HA	LEAF RUST
		NOBS: (41)	(14)
236	M2A - SPY OM	2544.3	0.1
153	DRIRA - MA X15893-OM	3904.4	0.2
182	KISS - RM"S" X20991-100Y-1M-1Y-5M-0Y	2885.8	0.2
201	[M2A(BVR-TOBI"S"XARS/CIN)] ABN X26097-D-100Y-101Y-11M-0Y	3000.0	0.3
217	IA-M2A X15946-4Y-4M-1Y-0M	2718.8	0.3
197	BGL - IGA X23892-C-101Y-21M-0Y	2695.3	0.3
230	M2A - CML X8210-A-2Y-2M-1Y-1Y-3M-100Y-1M-0Y	2638.1	0.3
86	M2A(2)-IRA X CML/CML"S" X14134-C-5Y-1Y-1Y-0M	2962.5	0.3
84	TEJON - IRA X13895-B-100Y-101B-103Y-0Y	3090.3	0.3
82	TEJON - IRA X13895-B-100Y-101B-100Y-1M-1Y-0M	3219.9	0.4
229	M2A-FS 722 X12845-5Y-4Y-1M-100Y-0M	2540.2	0.4
183	DRIRA - FAS 204 X21298-2N-0M	2935.5	0.4
187	BGL"S"/ARS-MEXIPAK MUT X BGL"S" X22473-102Y-100Y-1M-0Y	2882.5	0.5
179	CML X CNO-GALLO X17077-2M-0Y	3335.3	0.6
64	M2A - IRA X12633-1Y-1Y-1Y-0M	2742.8	0.7
71	M2A - FS 722 X12845-12Y-7Y-2M-1Y-0M	2968.4	0.7
124	IRA - BGL"S" X15570-100Y-5Y-3M-0Y	2748.0	0.7
85	TEJON - IRA X13895-B-100Y-101B-105Y-0Y	3125.0	0.7
185	BGL"S" X TOB - ARM"S" X21542-5N-0M	2847.0	0.8
226	M2A - WW15 X17045-13Y-100Y-4M-0Y	2405.6	0.8
227	CHAPALA - SPY X M2A X22652-100Y-101Y-3M-0Y	2611.3	1.0
168	DRIRA - KANG X16648-1Y-1B-1Y-1N-2M-0Y	3444.5	1.0

Table 7. Cont'd.

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	LEAF RUST
			NOBS:	(41)	(14)
22	M2A(2) - CIN X7272-42M-1Y-0M			3106.8	1.0
233	BGL - IGA X23892-C-101Y-19M-0Y			2665.1	1.1
43	IA - M2A X11052-C-2M-1Y-1Y-2M-0Y			3336.2	1.1
195	IRA-BGL"S" X M2A(2) - CIN X22591-100Y-100Y-4M-0Y			2788.0	1.2
119	M2A - FS 1897 X15520-4H-1Y-2Y-0M			2827.4	1.2
162	IA-M2A X PI62/BGL"S" X16304-110Y-3M-0Y			3323.7	1.2
214	BGL EMS 3M-0Y			2851.0	1.2
151	M2A(2) X15754-A-2Y-1M-1Y-1M-0Y			3075.3	1.2
164	M2A-UP301 X BGL"S" X16378-0M			2309.1	1.3
242	M2A - CML XB386 D 2Y-0M-100Y-101B-102Y- 100Y-3M-0Y			2446.2	1.3
181	PG-CENT BULK X ABN X19260-100Y-2M-1Y-0M			2971.3	1.3
231	M2A - IRA X CML X17191-A-5Y-1M-1Y-1M-0Y			2772.4	1.3
161	IA-M2A X PI62/BGL"S" X16304-107Y-100Y-2M-0Y			3216.8	1.3
203	FS 1897 -1Y-1Y-0M			3005.9	1.4
147	BGC-ITA X KLA/M2A X15745-100Y-2M-1Y-0M			3167.2	1.4
23	CIN - PI 30665B X M2A-IA X7801-BM-1Y-0M-100M-0Y			2711.1	1.5
206	CML-PATO SEL			2786.1	1.6
190	BGL"S"/BGL"S" X ITA-LED X22551-100Y-4Y-0M			3056.6	1.6
228	M2A - CML XB386-A-2Y-1M-1Y-1Y-3M-101Y-0M			2318.1	1.7
136	HEXA FROM DCTO-HEXA X M2A X15685-B-6Y-2M-2Y-0M			2942.4	1.8
171	M2A-CHB 70 X17056-6Y-2Y-0M			3317.6	1.8

