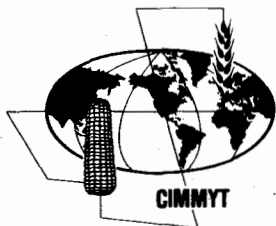




# Results of the Thirteenth International Durum Screening Nursery (IDSN) 1981-82



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CENTRO INTERNACIONAL DE MEJORAMIENTO DE MAIZ Y TRIGO  
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**GLOSSARY OF VARIABLE NAMES USED IN THE TABLES.  
GLOSARIO DE NOMBRES 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 dus aux fourmis en pourcentage
APHD DMGE	Aphid damage percentage	Porcentaje de daño de áfidos	Dégâts dus 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)
BACT B	Bacterial blight (0-9 scale)	Tizón bacteriano (escala 0-9)	Tache bacterienne (échelle 0-9)
BARL S	Barley stripe (0-9 scale)	Rayado de la cebada (escala 0-9)	Moucheture de l'orge (échelle 0-9)
BIRD DMGE	Bird damage percentage	Porcentaje de daño de pájaros	Dégâts dus aux oiseaux en pourcentage
BYD	Barley yellow dwarf (0-9 scale)	Enanismo amarillo de la cebada (escala 0-9)	Virose jaune de l'orge (échelle 0-9)
CHECK MARK	Check mark	Marca	Signal
COVD SMUT	Covered smut percentage	Porcentaje de carbón cubierto	Charbon couvert en pourcentage
EARS/M <sup>2</sup>	Ears per square meter	Espigas o mazorcas por metro cuadrado	Epis par mètre <sup>2</sup>
FALL NO	Falling number (seconds)	Actividad alfa amilasa (segundos)	Activité du amylase (en secondes)
FERT %	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 N	Fusarium nivale (0-9 scale)	Moho niveo (escala 0-9)	Moisissure de la neige (échelle 0-9)
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 %	Germination percentage	Porcentaje de germinación	Germination en pourcentage
HAIL DMGE	Hail damage percentage	Porcentaje de daño por granizo	Dégâts dus 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
LODG %	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 %	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)
PHYR TRIT	Pyrenophora tritici-repentis leaf spot	Mancha foliar (Pyrenophora tritici-repentis)	Tache de la feuille (Pyrenophora tritici-repentis)
PLNT DENS	Plant density (stems/square meter)	Densidad de plantas (tallos/metro cuadrado)	Population des plantes (tiges/mètre <sup>2</sup> )
PLNT HT	Height (cm)	Altura (cm)	Hauteur (cm)
PLNT WT	Plant weight (grams)	Peso de la planta (gramos)	Poids de la plante (grames)
POWD	Powdery mildew (0-9 scale)	Mildió polvoriento (escala 0-9)	Oidium (échelle 0-9)
PROT %	Protein percentage	Porcentaje de proteína	Protein en pourcentage
ROOT ROT	Root rot percentage	Porcentaje de pudrición de maíz	Putréfaction du maïs en pourcentage
SCAB %	Scab percentage	Porcentaje de roña	Fusarium de l'épi en pourcentage
SCLD	Scaud (0-9 scale)	Porcentaje de escaldadura (escala 0-9)	Rhynchosporium (échelle 0-9)
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 HEAD	Shattering head (%)	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)
TAN S	Tan spot (0-9 scale)	Mancha de cobre (escala 0-9)	Tache de cuivre (échelle 0-9)
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	Mitadinage en pourcentage
YIELD KG/HA	Yield kg/ha	Rendimiento kg/ha	Rendement kg/ha

# RESULTS OF THE 13TH INTERNATIONAL DURUM SCREENING NURSERY

(IDSN) 1981-82

The 13th International Durum Screening Nursery (IDSN) was sent in September 1981 to be grown by cooperators in their spring season of 1982. Sixty-nine nurseries went to cooperators in 51 countries. The 235 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 northwest 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 of 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.

Thirty-two of the cooperators receiving the 13th IDSN 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. One *international summary*, listing the sites 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 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.

## Some Special Information

### Disease scoring

Disease scores for stem, leaf and stripe rust infections recorded in the manner recommended by Dr. W.Q. Loegering (USDA International Spring Wheat Rust Nursery, 1959) are converted to a numeric coefficient of infection (CI) prior to being used in any calculations. Each original reading recorded in this manner consists of a severity (percentage of rust infection on the plants) and response (kind of infection). The severity is recorded as percent of infection according to the modified Cobb scale. If only a trace is visible, T or TR may be reported and is given the value of 1 percent.

Responses may be recorded by using one of the following codes. The numeric values assigned to these codes are shown at the right.

Response	Equivalent Numeric Value
VR	2
R	2
MR	.4
M or X	.6
MS	.8
S	1.0
VS	1.0

Severity and response are recorded together, with severity first (for example, 5MR). The equivalent coefficient of infection is calculated by multiplying the numeric equivalents of each part. For example:

Disease Score	Coefficient of Infection
5MR	$5(0.4) = 2.0$
TR	$1(0.2) = 0.2$
TRR	$1(0.2) = 0.2$
60S	$60(1.0) = 60.0$
0*	$(0)(0) = 0.0$

\* If there is no visible infection on the plant, only a zero is reported.

Reactions may be more variable than can be represented by a single severity and response. This variability may be recorded in two ways: (1) A comma or slash indicates plants have segregated into clear-cut classes. The first rating reported is included in the computations. (2) If a range of reaction is recorded, it is denoted by a dash. In these cases the coefficient of infection is the average of the two scores. Examples of these situations are given below:

Disease Score	Coefficient of Infection
5R,40S	The first rating $5R = 5(0.2) = 1.0$ is used in all computations
40M/60S	The first rating $40M = 40(0.6) = 24.0$ is used in all computations
15R-5S	$[15(0.2) + 5(1.0)] / 2 = 4.0$

A range may be reported for severity only or response only. In each of these cases the average severity or average response is calculated before multiplying the two together. For example:

Disease Score	Coefficient of Infection
10-20MS	$[(10 + 20)/2] (0.8) = 12.0$
40MR-MS	$40[(0.4 + 0.8)/2] = 24.0$
5-10MR-R	$[(5 + 10)/2][(0.4 + 0.2)/2] = 2.25$

In most tables only average coefficients of infection (AVE.CI) are reported. However, in some tables the highest rust readings (HR) are reported as severity/response scores.

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

LOCATION	CONTINENT	COUNTRY	AREA	VARIABLES INCLUDED
14	AFRICA	KENYA	RIFT VALLEY	8
35	AFRICA	TUNISIA	TUNIS	50
42	ASIA	BANGLADESH	JOYDEBPUR	1 3 4 9 70
61	ASIA	PAKISTAN	PUNJAB	1 3 4 5 7 9 10
84	EUROPE	PORTUGAL	ALENTEJO	3 4 5 7 8 50
88	EUROPE	SPAIN	MADRID	1 3 4 47 50 61
104	MIDDLE EAST	JORDAN	JORDAN VALLEY	3 4 8 61 64
126	NORTH AMERICA	MEXICO	GUANAJUATO	3 4 5
128	NORTH AMERICA	MEXICO	EDO DE MEXICO	1 2 3 5 7 9 13
129	NORTH AMERICA	MEXICO	EDO DE MEXICO	1 3 5 7 71
132	NORTH AMERICA	MEXICO	SONORA	1 2 3 7 9 13 47
137	NORTH AMERICA	U. S. A.	CALIFORNIA	3 9 10 47 50 64 77
143	NORTH AMERICA	U. S. A.	SOUTH DAKOTA	3 7
158	SOUTH AMERICA	BOLIVIA	COCHABAMBA	3 4 64
169	SOUTH AMERICA	ECUADOR	QUITO, PICHINCHA	3 5 77
178	AFRICA	EGYPT	SOHAQ	3 4
196	AFRICA	SOUTH AFRICA	CAPE PROVINCE	3 7 9 10 50 62
232	EUROPE	FRANCE	MONTPELLIER	3 7 50 61
310	EUROPE	SPAIN	CADIZ	3 9 10 50 62
328	NORTH AMERICA	MEXICO	MICHOCAN	64
355	EUROPE	ITALY	ROME	3 4 61 64
363	MIDDLE EAST	SYRIA	ALEPPO	1 9
368	MIDDLE EAST	CYPRUS	ATHALASSA	3 9 50
394	EUROPE	W. GERMANY	BADEN-WUTTEMBERG	7
419	SOUTH AMERICA	CHILE	VALLEMAR	7 8
440	NORTH AMERICA	MEXICO	GUANAJUATO	7 8
467	NORTH AMERICA	CANADA	SASKATCHEWAN	50
484	NORTH AMERICA	CANADA	QUEBEC	77
529	SOUTH AMERICA	BOLIVIA	PAIRUMANI-COCHABAMBA	7 8 47 50
533	SOUTH AMERICA	ARGENTINA	B. AIRES	3 8 50
535	EUROPE	ITALY		7
540	MIDDLE EAST	TURKEY	IZMIR	64

\*VARIABLE IDENTIFICATIONS

1	YIELD	KG/HA	2	TEST	HT	3	FLOW	DAYS	4	MAT	DAYS	5	STRP	RT. L
7	LEAF	RUST	8	STEM	RUST	9	PLNT	HT	10	LODG	%	13	1000	G. W.
47	YELL	BERR	50	CHECK	MARK	61	POW	M 0-9	62	SEP	T 0-9	64	SEP	S 0-9
70	HEL	S 0-9	71	FUS	N 0-9	77	BYDV	0-9						



**Table 2. Summary of means of all variables**

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT. L	LEAF RUST	STEM RUST	NOBS:									
											( 7 )	( 2 )	( 20 )	( 9 )	( 6 )	( 13 )	( 7 )			
1	FG"S" D-27982-1B			3694.6	79.1	100.3	159.3	0.1	8.1	21.8										
2	CR"S"-06"S" D-28980-2BY-13M-50Y-0Y			4132.0	75.8	104.3	160.7	0.1	9.5	21.0										
3	SC0"S" D-32891			3961.1	73.4	103.5	159.2	0.2	9.4	48.7										
4	815-CR"S" D-33312-7Y-2M-1Y-0M			4324.5	77.8	103.8	155.0	0.8	14.5	21.6										
5	815-CR"S" D-33312-7Y-4M-1Y-0M			4327.0	77.3	104.5	155.5	2.9	10.6	19.5										
6	815-CR"S" D-33312-50Y-0M			3628.8	78.5	100.1	158.6	0.1	10.8	17.5										
7	80"S"-000VZ385 CM-9-118-18-18-08			4468.3	77.5	106.3	156.6	0.8	8.6	17.8										
8	000VZ385-06"S" CM-478-8S-2S-38-08			4132.5	76.1	106.8	159.5	0.7	11.0	20.0										
9	YAV"S" CM-9799-12M-1M-3Y-0Y-1B			4130.8	78.9	106.1	158.3	0.1	9.1	20.2										
10	YAV"S" CM-9799-12M-1M-5Y-0M-8AU			4246.0	79.7	106.6	157.3	0.0	4.5	16.7										
11	FG"S"-CR"S" CM-9841-37M-1Y-2Y-0Y			3699.9	79.1	109.1	159.5	0.1	10.3	19.7										
12	RUFF"S"-FG"S" CM-9880-20M-1Y-1M-1Y			3628.1	78.5	104.6	156.1	0.0	9.4	18.8										
13	RUFF"S"-FG"S" CM-9880-23M-1Y-1M-1Y-0Y			3516.3	78.2	105.9	157.5	0.2	9.4	30.0										
14	DACK"S" CM-13919-11Y-2M-2Y-0Y			4116.9	76.4	103.3	160.2	0.1	10.1	32.5										
15	OYCA"S" CM-14562-J-600Y-1M-2Y			3158.0	79.3	102.4	154.6	0.7	19.7	44.7										
16	QUIL"S" CM-14646-C-1Y-1M-1Y-0Y			4178.8	79.4	107.5	159.3	0.8	9.1	16.7										
17	QUIL"S" CM-14646-C-1Y-1M-1Y-4AU			4411.2	78.5	108.3	159.0	1.0	7.1	16.7										
18	CRIS"S" CM-17046-10L-1L-0L			3478.3	77.2	106.9	159.4	0.6	10.2	22.8										
19	CRIS"S" CM-17046-10L-13L-2L-0K			3638.2	74.5	103.9	157.0	0.0	8.7	31.7										
20	CIT 71			3895.2	77.4	101.0	156.6	0.8	10.5	16.8										
21	6710-6780 X PTL"S" CM-17512-2M-1Y			3560.7	79.9	101.6	158.5	0.1	8.9	22.5										
22	REN"S" CM-17583-20M-7Y-1M			3712.7	78.6	103.2	162.9	0.1	8.1	23.3										
23	OR"S" (CP-ST464 X CR"S"/PLC"S") CM-17800-E-6M-2Y-0Y			3805.2	77.2	105.1	163.7	0.2	14.4	48.3										
24	FRIG"S" CM-17904-B-3M-1Y-1Y			4341.7	79.6	102.8	161.2	0.1	18.9	43.5										
25	WAHA"S" CM-17904-B-3M-1Y-1Y-08K			4294.0	79.4	102.4	160.9	0.1	19.2	49.1										
26	SCA"S" CM-18537-1Y-0L-0AP			4579.3	77.1	104.6	162.7	0.0	11.8	36.4										
27	FG"S"-DOM"S" CM-18548-1Y-1Y-1Y-4M-0Y			3919.3	77.1	105.1	162.8	0.1	17.5	63.3										

VTY	PLNT HT	LODG %	1000 Q. M.	YELL BERR	CHECK MARK	POM M 0-9	SEP T 0-9	SEP S 0-9	HEL B 0-9	FUS N 0-9	BYDV 0-9
	( 9)	( 4)	( 2)	( 4)	( 11)	( 4)	( 2)	( 6)	( 1)	( 1)	( 3)
1	82.9	0.0	53.8	48.3	18.2	1.0	6.0	4.2	4.0	1.0	5.3
2	84.9	2.5	48.0	50.8	27.3	3.7	5.0	4.4	6.0	1.0	5.7
3	84.9	24.5	52.4	12.8	18.2	4.7	5.0	3.2	4.0	1.0	6.3
4	85.6	55.0	48.5	53.0	18.2	6.7	4.0	3.2	5.0	1.0	6.3
5	85.4	60.0	48.3	45.5	36.4	6.3	4.0	4.0	5.0	1.0	6.0
6	78.0	52.5	49.2	39.0	9.1	3.5	6.0	4.2	5.0	3.0	6.0
7	89.7	0.0	49.8	61.8	36.4	2.7	4.0	2.8	3.0	1.0	5.7
8	84.8	5.0	50.7	37.3	9.1	3.0	4.0	4.0	3.0	1.0	6.0
9	83.3	10.0	49.3	31.0	27.3	1.0	4.0	2.4	3.0	3.0	6.0
10	82.7	10.0	51.6	30.0	10.0	1.5	4.0	2.2	3.0	1.0	6.0
11	86.6	5.0	49.6	8.3	20.0	2.5	5.0	2.4	3.0	1.0	6.0
12	81.3	0.0	52.0	7.3	0.0	1.0	4.0	4.0	3.0	1.0	6.3
13	84.7	50.0	55.1	11.0	18.2	5.0	4.0	2.6	4.0	1.0	4.7
14	91.1	50.0	56.8	23.3	45.5	3.0	7.0	1.8	4.0	1.0	6.3
15	78.2	27.0	54.9	48.0	0.0	2.0	6.0	2.8	5.0	3.0	5.0
16	88.1	5.0	50.3	54.0	0.0	2.8	3.0	4.2	3.0	3.0	4.0
17	84.1	10.0	49.9	56.0	9.1	3.5	3.0	3.4	3.0	1.0	5.0
18	76.8	0.0	50.8	40.7	0.0	4.3	5.0	3.0	4.0	3.0	4.3
19	88.3	0.0	50.9	7.0	9.1	1.7	5.0	4.0	5.0	1.0	4.7
20	88.6	50.0	47.7	49.5	18.2	3.0	4.0	2.2	6.0	1.0	4.3
21	84.7	52.5	56.4	64.0	9.1	3.0	4.0	3.8	7.0	3.0	4.3
22	87.7	75.0	53.9	48.7	36.4	2.7	4.0	4.0	6.0	5.0	4.3
23	81.4	27.0	53.1	30.0	9.1	2.7	4.0	3.8	6.0	3.0	4.3
24	85.8	5.0	50.0	6.0	45.5	2.0	4.0	3.0	6.0	3.0	5.0
25	82.9	5.0	48.4	3.7	36.4	3.0	4.0	3.6	5.0	5.0	5.0
26	87.2	31.5	54.1	34.3	36.4	2.0	5.0	3.8	3.0	3.0	5.7
27	75.0	27.0	46.4	35.7	9.1	4.0	5.5	2.4	3.0	3.0	5.0

Table 2 (con't.).

VTV NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT. L	LEAF RUST	STEM RUST	NOBS:										
											( 7 )	( 2 )	( 20 )	( 9 )	( 6 )	( 13 )	( 7 )				
28	WIN"S" CM-18577-11Y-6Y-2Y-0Y			4125.4	76.8	103.4	162.3	0.0	22.1	51.2											
29	WIN"S" CM-18577-11Y-6Y-2Y-0Y			3629.8	77.5	103.4	163.3	0.0	16.2	49.2											
30	WIN"S" CM-18577-11Y-6Y-2Y-0Y-15B-0Y			3575.7	76.7	105.1	158.5	0.1	19.3	45.7											
31	WIN"S" CM-18577-11Y-7Y-1Y-3M-0Y			3253.8	76.8	103.3	156.5	0.0	17.5	41.0											
32	S15-OEIER"S" CD-523-3Y-1Y-2M-0Y			3522.2	78.1	102.8	157.3	1.0	13.2	39.5											
33	CHI"S" CD-1314-A-1Y-2Y			3750.7	77.9	103.2	157.6	4.8	13.4	31.7											
34	ATO"S" X AA"S"-PLC"S" CD-1859-16-5008-08K			4269.0	77.5	105.8	158.0	2.9	10.3	43.3											
35	ROK"S" CD-1895-12Y-0Y-1E			4092.3	77.4	103.8	158.0	2.0	13.5	21.7											
36	ROK"S" CD-1895-12Y-0Y-2E			4037.5	78.6	103.5	157.5	2.0	12.4	23.0											
37	ROK"S" CD-1895-12Y-0Y-2E-3B-0Y			4308.0	79.2	106.1	163.4	0.0	13.3	21.2											
38	ROK"S" CD-1895-12Y-0Y-2E-6B-0Y			4726.7	79.7	107.2	158.4	0.4	14.5	19.7											
39	ROK"S" CD-1895-12Y-2Y-2M-0Y			4693.0	79.2	105.4	156.5	0.8	13.8	22.6											
40	MEXI 75			4118.3	78.1	98.5	154.4	1.4	13.8	18.0											
41	BOY"S" CD-4404-B-9Y-3M-0Y			5151.9	78.4	103.7	160.7	0.1	12.5	20.8											
42	BOY"S" CD-4404-J-18Y-13Y-2Y-1M-0Y			4382.3	74.5	102.6	161.1	1.4	11.7	18.6											
43	CINC"S" CD-4465-E-4Y-3M-0Y-OKE-1B			4541.6	77.8	103.2	154.6	0.6	13.1	40.2											
44	QTA"S"-TC60 X MEXI"S" CD-4853-E-1Y-1M-0Y			4384.7	78.3	102.9	156.5	5.6	11.6	37.5											
45	S15-CR"S"/CIT"S"-AA"S" X FQ"S" CD-7443-11Y-4M-0Y			4135.6	77.4	103.5	161.1	0.4	15.3	33.3											
46	ORA"S" CD-7454-17Y-4M-0Y			4327.1	75.8	100.1	154.4	3.1	12.7	30.0											
47	(RABI"S"/GILL"S" X LDS-RL3601)FQ"S" CD-7455-4Y-1M-0Y			4336.2	78.3	101.8	157.6	0.4	13.7	20.8											
48	JO"S"-CR"S" X DURUM COLLECTION 01 CD-7473-24Y-1M-0Y			3895.0	78.7	104.2	155.4	0.9	12.7	39.1											
49	ENTE"S"-MEXI"S" CD-8153-12M-1Y-1M-0Y			4391.7	75.2	107.5	163.8	2.0	11.0	21.0											
50	ENTE"S"-MEXI"S" CD-8153-12M-3Y-4M-1Y-0M			4349.5	74.0	107.4	159.4	0.2	11.5	20.0											
51	ATO"S" X AA"S"-PLC"S"/D67.2 CD-10023-3M-4Y-4M-1Y-1M-0Y			4361.0	75.8	105.3	162.8	0.0	7.4	31.7											
52	ERP"S"-RUSO CD-10437			4556.3	78.0	107.4	163.2	0.2	10.5	24.7											
53	SHOV"S" CD-10569-C-10M-1Y-0M			4774.8	77.8	103.8	162.9	0.0	11.3	19.3											
54	SHOV"S" CD-10569-C-10M-1Y-0M-7AU			4176.0	76.8	101.3	160.6	0.1	17.2	30.2											
55	FQ"S"-SNIPE"S" CD-11566-OAP-1AP-OAP			4733.5	79.7	104.4	157.4	2.7	7.5	20.0											
56	SAAT"S" CD-11814-5Y-8M-2Y-4M-0Y			4108.4	78.5	104.3	156.6	1.4	8.8	21.8											

VTY	PLNT HT	LOAD %	1000 O. W.	YELL BERR	CHECK MARK	POW M 0-9	SEP T 0-9	SEP S 0-9	HEL S 0-9	FUS N 0-9	BYDV 0-9
	( 9)	( 4)	( 2)	( 4)	( 11)	( 4)	( 2)	( 6)	( 1)	( 1)	( 3)
28	85.9	0.0	52.6	26.8	45.5	4.0	5.0	3.8	3.0	3.0	5.3
29	88.9	22.0	54.7	31.7	27.3	2.7	4.0	2.0	3.0	3.0	5.3
30	88.7	28.0	52.7	39.3	36.4	3.3	3.0	2.0	2.0	1.0	4.7
31	83.9	39.0	51.6	48.7	45.5	3.0	4.0	2.6	2.0	1.0	4.0
32	83.4	41.5	58.5	35.8	36.4	3.0	4.0	2.4	3.0	1.0	5.3
33	86.8	2.5	53.2	64.3	18.2	4.0	4.0	2.4	4.0	3.0	5.7
34	91.8	20.0	54.9	30.7	27.3	3.3	4.0	2.6	4.0	3.0	4.7
35	83.1	65.0	57.7	38.3	18.2	4.0	5.0	2.2	5.0	1.0	4.7
36	87.0	30.0	52.8	42.0	18.2	4.3	4.0	2.4	5.0	3.0	5.0
37	83.9	20.0	53.1	55.0	36.4	4.3	4.0	3.0	5.0	3.0	5.0
38	88.1	20.0	56.5	49.7	9.1	3.7	4.0	4.4	4.0	3.0	4.7
39	85.0	37.0	53.3	60.0	9.1	4.3	4.0	2.8	5.0	3.0	4.7
40	88.0	60.0	56.0	29.0	9.1	2.7	5.0	4.6	5.0	3.0	5.0
41	87.0	90.0	53.2	18.7	27.3	4.3	4.0	2.6	5.0	5.0	4.0
42	91.0	80.0	56.4	32.3	45.5	5.0	5.0	3.0	5.0	1.0	6.0
43	103.4	45.0	54.9	37.0	27.3	4.3	5.0	3.0	4.0	3.0	5.0
44	86.1	55.0	57.5	7.0	18.2	5.3	4.0	2.0	4.0	3.0	5.3
45	88.1	24.5	53.1	16.7	27.3	5.7	4.0	4.0	4.0	3.0	5.7
46	83.1	52.5	45.4	8.3	18.2	7.0	5.0	3.6	7.0	5.0	6.0
47	91.1	55.0	56.3	54.7	18.2	3.7	5.0	2.8	5.0	5.0	4.3
48	80.4	2.5	48.0	38.3	9.1	3.7	5.0	3.2	5.0	3.0	4.7
49	89.7	50.0	48.1	16.7	36.4	3.0	5.0	3.2	5.0	3.0	5.0
50	89.0	95.0	48.6	19.0	36.4	3.3	5.0	2.8	4.0	1.0	5.0
51	88.3	75.0	49.8	37.0	45.5	3.7	5.0	4.4	4.0	3.0	4.7
52	82.9	90.0	51.5	69.0	9.1	2.0	4.0	3.4	4.0	5.0	5.0
53	86.4	69.5	57.6	20.0	0.0	3.0	5.0	2.2	4.0	5.0	6.3
54	86.8	5.0	53.1	22.0	45.5	2.7	5.0	2.0	5.0	1.0	5.7
55	88.2	40.0	51.3	28.3	0.0	6.0	5.0	3.4	5.0	3.0	4.3
56	90.2	40.0	50.6	10.0	36.4	2.3	5.0	2.0	5.0	3.0	5.0

Table 2 (con't.).

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP HT L	LEAF RUST	STEM RUST	NOBS:									
											( 7)	( 2)	( 20)	( 9)	( 6)	( 13)	( 7)			
57	WIN"S"-AA"S" CD-12454-3Y-11M-1Y-2M-1Y-0M			3872.2	77.6	102.1	156.5	1.4	9.2	32.5										
58	DACK"S"-KIWI"S" CD-12499-BY-1M-4Y-1M-0Y			3230.0	77.4	102.9	160.4	1.1	10.4	20.0										
59	BD1543-INRAT X COOT"S"/QTA"S" CD-13557-J-3Y-3M-1Y-0M			3956.3	78.7	102.4	156.8	0.4	9.1	20.0										
60	YAV 79			4605.9	80.0	104.4	161.8	0.5	9.3	20.0										
61	F0"S"-AA"S" X MAL"S"-MARIO"S" CD-14472-D-4Y-2M-3Y-3M-0Y			3609.0	78.1	101.7	160.4	0.2	10.0	20.0										
62	CR"S"-OS"S" X FAB"S"/BCO"S" CD-16462-A-1M-2Y-1M-1Y-1M-1Y-0Y			4037.0	76.4	106.9	157.0	1.6	10.4	23.2										
63	TEAL"S"-WIN"S" X QAD"S" CD-16467-A-9M-2Y-2M-1Y-1M-0Y			4143.4	76.5	100.9	159.9	0.2	9.4	25.0										
64	TEAL"S"-WIN"S" X QAD"S" CD-16467-A-9M-2Y-2M-1Y-1M-2Y-0Y			4536.3	75.9	108.4	158.3	5.3	8.9	26.0										
65	TEAL"S"-WIN"S" X QAD"S" CD-16467-A-11M-4Y-1M-1Y-1M-0Y			3795.7	77.0	101.8	156.3	1.7	13.3	25.8										
66	WIN"S"-USA. 02237 X QAD"S" CD-16559-C-7M-2Y-2M-1Y-0M			4232.9	79.2	105.9	157.4	7.6	11.3	20.0										
67	STIL"S" CD-16677-A-3M-4Y-0M			3641.2	77.5	97.9	154.8	0.1	11.0	21.2										
68	STIL"S" CD-16677-A-7M-1Y-3M-0Y			3916.3	78.8	101.3	154.8	7.4	9.9	20.0										
69	QEDIZ-F0"S" X QTA"S" CD-16706-B-3M-4Y-1M-2Y-1M-1Y-0Y			4566.7	79.2	104.8	157.1	0.4	8.8	22.2										
70	QEDIZ-F0"S" X QTA"S" CD-16706-C-3M-2Y-2M-4Y-1M-1Y-0Y			4416.7	76.5	107.1	157.6	2.3	11.6	33.3										
71	QEDIZ-F0"S" X QTA"S" CD-16706-C-7M-1Y-1M-1Y-1M-1Y-0Y			4044.8	79.3	102.3	155.4	2.6	11.6	28.2										
72	SWAN"S" CD-16707-0-3M-3Y-0M-2B-0Y			4718.9	78.2	106.1	155.9	0.5	8.3	18.0										
73	SWAN"S" CD-16707-0-3M-3Y-0M-3B-0Y			3876.7	80.2	101.3	154.5	0.2	13.2	21.7										
74	SWAN"S" CD-16707-0-7M-4Y-4M-0Y			4707.9	77.8	103.1	154.1	0.6	16.9	30.8										
75	OYCA"S"-HAQH"S" X RUFF"S"-F0"S" CD-16913-B-2M-2Y-3M-2Y-1M-1Y-0Y			4187.0	77.0	103.8	155.5	2.4	6.8	21.0										
76	OYCA"S"-HAQH"S" X RUFF"S"-F0"S" CD-16913-B-2M-2Y-3M-4Y-0M			4403.9	77.5	102.7	154.0	0.7	11.9	20.0										
77	FUL"S"-F0"S"/OYCA"S" X RUFF"S"-F0"S" CD-17305-A-3M-1Y-1M-0Y			4526.6	79.9	107.0	157.3	0.2	12.5	21.0										
78	FUL"S"-F0"S"/OYCA"S" X RUFF"S"-F0"S" CD-17305-A-3M-1Y-2M-0Y			4110.2	76.4	105.4	162.6	0.0	17.3	45.1										
79	FUL"S"-F0"S"/OYCA"S" X RUFF"S"-F0"S" CD-17305-A-3M-4Y-2M-1Y-2B-1Y			4090.3	79.5	103.1	160.7	0.4	9.6	25.0										
80	CND 79			4398.4	76.8	99.2	154.9	5.2	4.9	17.3										
81	DURO73-IBIS"S" X OYCA"S" CD-17916-3Y-4M-3Y-2M-1Y-0Y			4343.0	77.9	110.2	162.9	1.0	9.6	28.9										
82	DACK"S"-YEL"S" CD-18057-4Y-3M-2Y-2M-1Y-0Y			3696.4	76.7	105.4	162.3	0.2	6.0	20.0										
83	DACK"S"-YEL"S" CD-18057-4Y-3M-2Y-2M-2Y-0Y			3917.6	76.6	109.1	163.8	8.4	14.5	50.3										
84	YAV"S"-QEDIZ"S" CD-20095-2M-1Y-1M-1Y-0Y			3681.1	76.8	98.8	153.5	9.4	12.1	33.3										
85	YAV"S" X QTA"S"(2)-S0179 CD-20124-11M-3Y-2M-1Y-1Y-0M			4143.8	80.4	102.8	155.0	0.0	7.3	21.0										

VTY	PLNT HT	LDDG %	1000 G. W.	YELL BERR	CHECK MARK	POW M 0-9	SEP T 0-9	SEP S 0-9	HEL S 0-9	FUS N 0-9	BYDV 0-9
	( 9)	( 4)	( 2)	( 4)	( 11)	( 4)	( 2)	( 6)	( 1)	( 1)	( 3)
57	111.0	90.0	54.5	35.7	18.2	3.0	5.0	2.2	5.0	1.0	5.0
58	82.6	20.0	54.6	8.3	18.2	5.7	5.0	2.0	4.0	1.0	4.7
59	78.3	20.0	62.6	41.7	9.1	3.5	6.0	2.0	4.0	3.0	5.7
60	84.9	25.0	52.5	25.3	45.5	2.0	4.0	1.6	3.0	3.0	5.3
61	84.0	80.0	49.7	45.0	27.3	3.8	4.0	3.0	5.0	3.0	5.3
62	84.0	40.0	42.4	22.3	27.3	4.0	4.0	2.2	4.0	3.0	4.3
63	88.0	45.0	53.1	25.7	45.5	2.7	5.0	2.6	4.0	5.0	5.3
64	93.1	40.0	47.8	15.7	45.5	4.0	5.0	2.4	3.0	3.0	5.0
65	85.0	45.0	53.4	35.3	45.5	3.3	5.0	3.0	4.0	1.0	5.7
66	96.4	25.5	57.4	10.0	27.3	3.3	4.0	2.8	3.0	3.0	6.3
67	79.8	5.0	50.2	15.7	54.5	3.0	5.0	1.8	3.0	6.0	6.3
68	84.1	0.0	54.5	26.5	36.4	4.0	4.0	2.6	4.0	3.0	6.0
69	87.8	50.0	51.4	21.7	27.3	3.7	4.0	1.8	4.0	3.0	6.0
70	84.6	52.5	51.0	38.3	9.1	2.7	5.0	1.6	3.0	3.0	5.7
71	83.4	2.5	47.9	7.3	27.3	4.7	7.0	1.4	5.0	1.0	5.7
72	85.6	0.0	55.4	5.3	54.5	3.0	4.0	2.2	5.0	5.0	6.0
73	90.3	52.5	51.2	10.0	27.3	2.3	5.0	2.8	5.0	3.0	4.0
74	80.2	55.0	43.6	54.8	54.5	5.0	3.0	1.6	5.0	3.0	5.0
75	75.8	0.0	46.9	32.5	18.2	2.7	4.0	2.0	4.0	6.0	5.7
76	86.6	5.0	55.3	48.7	27.3	1.0	4.0	2.4	6.0	1.0	6.0
77	88.3	0.0	53.2	32.3	45.5	1.5	4.0	1.6	5.0	3.0	4.3
78	78.1	0.0	47.5	48.5	36.4	3.3	4.0	2.0	5.0	5.0	4.5
79	88.9	5.0	54.7	6.7	36.4	3.7	4.0	1.2	4.0	5.0	4.7
80	86.0	31.5	37.6	10.0	36.4	0.5	5.0	5.0	6.0	3.0	3.0
81	99.4	41.5	52.4	8.3	27.3	3.8	4.0	2.2	3.0	3.0	5.7
82	90.2	30.0	52.1	56.7	18.2	3.3	5.0	4.0	5.0	3.0	5.3
83	87.0	0.0	49.3	36.0	18.2	3.3	5.0	2.2	3.0	6.0	5.0
84	90.7	50.0	53.9	35.0	27.3	4.0	6.0	2.5	5.0	5.0	6.0
85	92.2	20.5	55.7	27.0	18.2	3.7	3.0	1.8	5.0	5.0	4.3

Table 2 (con't.).

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT. L	LEAF RUST	STEM RUST	NOBS: ( 7) ( 2) ( 20) ( 9) ( 6) ( 13) ( 7)									
86	SHMA"S"-MAL"S" CD-20254-8M-4Y-5M-1Y-0Y			3880.3	80.2	102.5	154.8	0.1	12.5	45.2										
87	SHMA"S"-YAV"S" CD-20626-5M-2Y-1M-0Y			4446.8	80.6	102.6	159.4	0.1	10.6	26.3										
88	SHMA"S"-YAV"S" CD-20626-6M-2Y-1M-0Y			4137.3	79.5	101.4	154.4	0.0	9.9	21.0										
89	HD4526-05"S" X S15-CR"S"/OTA"S"-FG"S" CD-21959-B-4M-6Y-1M-1Y-0M			3648.7	76.7	105.5	161.7	0.3	8.6	21.2										
90	(JD"S" X OLD115-OLL"S"/FBD7)YAV"S" CD-22123-F-4M-2Y-2M-1Y-0Y			4283.3	78.5	101.1	160.4	0.1	7.8	18.8										
91	ORE"S"-CORM"S" X SHMA"S" CD-22237-C-2M-6Y-1M-1Y-0Y			4340.2	79.6	101.3	159.3	0.0	8.5	20.0										
92	JD"S"-CRISTALINO DE CHILE X FAB"S"/ BOY"S" CD-22289-C-2M-2Y-3M-1Y-1Y-0M			4286.2	78.3	106.9	162.0	0.0	5.3	26.8										
93	RUFF"S"-FG"S" X MEXI75/SHMA"S" CD-22344-A-2M-1Y-1M-1Y-1Y-0M			4630.5	80.4	106.5	161.4	0.1	5.6	20.0										
94	YAV"S"-CORM"S" X SHMA"S" CD-22356-B-10M-1Y-1M-1Y-0Y			4518.5	74.2	103.2	158.4	5.3	13.0	51.8										
95	BCO"S"-MEXI"S" CD-22745-10Y-1M-1Y-0Y			4505.2	79.3	104.1	156.0	0.0	7.1	27.5										
96	ERP"S"-MAL"S" CD-23069-6Y-7M-1Y-0Y			4161.3	79.7	105.5	157.3	0.0	6.7	31.5										
97	MEMO"S"-MEXI75 CD-26132-18B-1Y-7Y-0M			4273.3	80.8	105.7	162.3	0.1	7.5	26.5										
98	SHMA"S"-SNIPE"S" CD-23180-3Y-1M-1Y-1Y-0M			4368.3	75.6	109.1	165.1	0.0	6.0	32.2										
99	SHMA"S"-YAV"S" CD-23184-2Y-3M-1Y-1Y-0M			3868.3	79.1	108.3	159.0	0.0	3.0	22.0										
100	CANANEA 79			5144.3	66.2	94.4	153.6	0.4	7.6	16.0										
101	SHMA"S"-ORE"S" CD-23186-1Y-1M-1Y-1Y-0M			4824.6	80.1	106.8	157.5	0.1	8.0	19.8										
102	RABI"S"-FG"S" X MAL"S" CD-23269-16Y-4M-2Y-0Y			3972.7	76.1	102.3	154.5	2.2	13.6	28.3										
103	RABI"S"-FG"S" X MAL"S" CD-23269-16Y-4M-2Y-1Y-0M			3913.7	79.9	103.0	155.5	1.1	10.2	21.0										
104	WAHA"S"-YAV"S" CD-23382-7Y-8M-1Y-0Y			4396.0	81.0	101.7	156.8	1.8	17.3	26.3										
105	FG"S"-DOM"S" X YAV"S" CD-23598-2Y-1M-1Y-0Y			3628.2	73.3	105.6	157.5	2.0	14.8	35.1										
106	DACK"S"-GDDVZ394 CD-23677-5Y-1M-3Y-1Y-0M			4880.2	74.2	108.4	163.8	3.4	6.8	33.5										
107	SAPI"S"-TEAL"S" CD-23739-11Y-2M-1Y-1Y-0M			3624.0	76.7	109.7	167.8	0.1	10.1	18.5										
108	BOY"S"-YAV"S" CD-24014-1Y-1M-1Y-1Y-0M			4830.6	77.2	110.6	158.1	0.2	7.7	17.7										
109	OTA"S"-MEXI"S" X RUFF"S"-FG"S" CD-24080-1Y-4M-1Y-0Y			4427.3	78.3	105.1	155.7	2.9	10.7	17.7										
110	OTA"S"-MEXI"S" X RUFF"S"-FG"S" CD-24080-2Y-2M-2Y-0Y			4160.0	80.4	103.7	155.5	0.0	10.4	22.1										
111	OTA"S"-MEXI"S" X RUFF"S"-FG"S" CD-24080-3Y-3M-1Y-0Y			4243.5	77.3	106.7	156.3	0.2	13.7	45.2										
112	GEDIZ"S"-YAV"S" CD-24242-4Y-1M-1Y-0Y			4581.5	79.2	105.9	155.6	0.7	6.0	23.0										
113	CR"S"-OS"S" X D67.3-OTA"S"/MEXI75 CD-24766-B-1Y-1M-1Y-0Y			4370.7	75.5	103.3	155.1	0.5	12.5	34.5										

VTY	PLNT HT	LODC %	1000 G. W.	YELL BERR	CHECK MARK	POW M 0-9	SEP T 0-9	SEP S 0-9	HEL S 0-9	FUS N 0-9	BYDV 0-9
	( 9)	( 4)	( 2)	( 4)	( 11)	( 4)	( 2)	( 6)	( 1)	( 1)	( 3)
86	85.6	10.0	52.2	46.0	36.4	1.7	4.0	1.6	5.0	6.0	5.0
87	85.7	0.0	49.3	3.5	54.5	2.3	5.0	1.8	5.0	3.0	4.7
88	80.6	0.0	55.5	2.3	18.2	2.5	4.0	4.0	5.0	3.0	5.0
89	83.4	2.5	55.6	2.0	36.4	2.0	4.0	3.6	4.0	5.0	5.3
90	84.9	0.0	51.8	3.7	36.4	2.0	4.0	5.0	5.0	3.0	5.3
91	79.8	41.5	50.7	22.0	18.2	4.3	4.0	4.5	5.0	5.0	5.0
92	91.8	39.0	51.5	11.0	27.3	1.5	5.0	4.0	5.0	3.0	4.7
93	92.3	0.0	52.8	36.3	27.3	1.7	4.0	3.6	4.0	1.0	4.3
94	84.1	39.0	52.4	40.3	18.2	4.3	4.0	2.6	5.0	3.0	5.0
95	85.2	50.0	49.3	11.7	18.2	2.3	5.0	3.6	4.0	5.0	4.7
96	84.1	8.0	46.0	19.7	0.0	3.0	4.0	3.4	4.0	5.0	4.0
97	88.6	5.5	50.8	7.5	27.3	5.3	5.0	3.2	4.0	6.0	4.7
98	84.8	0.0	48.3	3.7	9.1	2.5	4.0	3.8	3.0	3.0	4.0
99	91.8	50.0	52.2	24.0	27.3	1.7	3.0	4.0	3.0	3.0	5.0
100	107.9	2.5	46.0	10.0	36.4	0.5	5.0	1.3	5.0	1.0	5.0
101	92.9	10.0	51.0	44.3	45.5	1.5	4.0	3.0	5.0	1.0	5.0
102	74.8	0.0	49.3	12.8	36.4	2.7	5.0	4.2	5.0	3.0	4.5
103	82.0	50.0	50.3	21.7	27.3	3.3	3.0	3.4	5.0	3.0	5.3
104	84.2	52.5	56.1	25.0	36.4	3.0	4.0	3.4	5.0	3.0	5.0
105	84.8	50.0	53.6	28.3	0.0	6.3	4.0	4.0	3.0	3.0	5.0
106	91.3	55.0	51.1	52.3	45.5	3.0	4.0	3.8	3.0	3.0	6.0
107	91.0	60.0	54.5	27.0	27.3	3.0	3.0	4.0	3.0	1.0	4.3
108	94.0	78.0	45.6	7.7	36.4	2.8	3.0	1.0	3.0	3.0	5.0
109	84.4	15.0	51.0	34.7	54.5	2.8	4.0	4.4	4.0	3.0	5.0
110	83.6	10.5	54.0	28.3	9.1	2.8	4.0	4.4	5.0	3.0	5.3
111	85.2	35.5	52.7	9.7	27.3	2.5	4.0	4.2	5.0	6.0	5.3
112	92.2	31.0	53.6	6.7	27.3	3.8	4.0	4.4	5.0	3.0	5.7
113	91.0	20.5	60.8	3.0	54.5	2.3	4.0	3.4	5.0	3.0	5.3



Table 2 (con't.).

VTV NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT. L	LEAF RUST	STEM RUST	NOBS:									
											( 7)	( 2)	( 20)	( 9)	( 6)	( 13)	( 7)			
114	CR"S"-OS"S" X D67.3-GTA"S"/MEXI75 CD-24766-B-1Y-1M-1Y-0M			4081.0	80.1	101.7	155.6	0.0	9.3	20.0										
115	[RALLE"S"-FO"S"(OR"S" X CP-ST464/ CH67-GTA"S") ]BOY"S" CD-24803-A-1Y-1M-301Y			4876.0	75.1	107.4	161.6	0.1	7.4	20.0										
116	[S0179-PH158 X GTA"S"-S-0195(MAGH"S" X OS"S"-AA"S"/RABI"S") ]JO"S" ]MAHA"S" CD-24827-A-2Y-8M-1Y-0Y			4363.0	74.8	107.8	157.1	0.6	7.8	20.0										
117	SHMA"S"-MEXI75 X YAV"S" CD-24831-A-1Y-3M-1Y-0M			4289.2	81.2	101.2	158.4	0.2	10.2	23.8										
118	SHMA"S"-MEXI75 X YAV"S" CD-24831-A-1Y-3M-1Y-2Y-0M			4540.8	80.5	100.3	159.1	0.5	7.5	21.0										
119	SHMA"S"-MEXI75 X YAV"S" CD-24831-A-1Y-3M-1Y-3Y-0M			4400.2	80.5	100.8	158.8	0.0	7.5	20.2										
120	GFN			3749.7	69.3	113.6	165.4	0.7	13.2	27.0										
121	SHMA"S"-MEXI75 X YAV"S" CD-24831-A-1Y-3M-1Y-4Y-0M			4334.9	80.7	102.9	159.1	1.7	7.0	27.0										
122	SHMA"S"-MEXI75 X YAV"S" CD-24831-A-1Y-3M-2Y-1Y-0M			4434.8	79.9	102.9	158.9	0.1	5.0	18.8										
123	SHMA"S"-MEXI75 X YAV"S" CD-24831-B-1Y-3M-1Y-0Y			4561.9	77.1	107.0	156.1	0.0	7.3	20.0										
124	SHMA"S"-MEXI75 X YAV"S" CD-24831-B-2Y-1M-1Y-0Y			4469.4	78.8	104.2	156.6	0.1	4.6	22.7										
125	SHMA"S"-MEXI75 X YAV"S" CD-24831-E-3Y-3M-1Y-0Y			3900.3	78.5	104.0	156.3	0.5	5.5	22.3										
126	SHMA"S"-MEXI75 X YAV"S" CD-24831-E-3Y-5M-1Y-0Y			5089.9	76.8	106.5	155.9	0.0	7.4	19.3										
127	SHMA"S" X MAGH"S"-YAV"S" CD-24832-A-1Y-1M-0Y			4056.3	78.8	99.6	154.5	0.2	6.2	19.7										
128	DUR05-IBIS"S" X REN"S"/SNIPE"S" CD-24842-A-3Y-1M-1Y-0M			4136.8	80.3	102.8	156.1	0.3	9.3	17.8										
129	P66.270-PTL"S" X DOM"S"/YAV"S" CD-25031-A-1Y-3M-2Y-0Y			3888.3	78.0	102.1	154.9	0.2	9.7	40.8										
130	ERP"S"-OS"S" X BOY"S" CD-25043-A-1Y-3M-0Y			3870.2	79.6	100.0	154.6	0.8	7.2	20.0										
131	CIT71-MEXI"S" X SHMA"S"/MAL"S" CD-25095-A-2Y-1M-1Y-0M			4444.3	79.6	98.6	154.6	1.5	10.5	20.9										
132	(S0179-PH158 X GTA"S"-S0195/JNK)YAV" " CD-25126-A-1Y-3M-1Y-0M			4246.2	80.8	111.6	169.4	0.2	3.0	20.5										
133	(S0179-PH158 X GTA"S"-S0195/JNK)YAV" " CD-25126-A-1Y-3M-2Y-2Y-0M			4396.5	80.2	111.4	164.3	0.1	2.9	20.0										
134	GFN-AA"S" X GTA"S"-PO"S"/BOY"S" CD-25241-A-2Y-3M-1Y-0M			4059.2	78.1	109.9	163.5	0.2	7.9	20.0										
135	GFN-AA"S" X GTA"S"-PO"S"/BOY"S" CD-25241-A-3Y-1M-1Y-0M			3849.8	75.7	110.8	163.3	0.0	5.8	21.2										
136	[(GFN-QLL"S" X GTA"S"/IBIS"S")MAL"S" USA573-AA"S" CD-25288-A-3Y-2M-1Y-0Y			4637.2	77.5	103.0	157.1	0.0	6.3	25.0										
137	YEL"S"-YAV"S" X FUL"S"/BOY"S" CD-25593-E-1Y-1M-2Y-1Y-0M			3730.8	77.6	113.3	171.5	0.2	1.7	28.0										
138	GEDIZ"S"-BOY"S" CD-25689-1B-1Y-0Y			3957.0	80.0	105.5	161.6	0.1	4.3	18.4										
139	GEDIZ"S"-BOY"S" CD-25689-1B-2Y-0Y			4412.0	79.2	106.0	157.0	0.4	8.1	16.8										
140	BIN			3292.5	73.8	115.1	162.1	10.4	6.6	19.8										
141	SCAR"S"-GDOVZ579 X DACK"S" CD-26066-3B-1Y-2Y-0M			4070.1	75.5	107.0	158.6	0.1	11.8	27.0										

VTY	PLNT HT	LODG X	1000 Q. M.	YELL BERR	CHECK MARK	POM M 0-9	SEP T 0-9	SEP S 0-9	HEL S 0-9	FUS N 0-9	BYDV 0-9
	( 9)	( 4)	( 2)	( 4)	( 11)	( 4)	( 2)	( 6)	( 1)	( 1)	( 3)
114	91.9	20.5	59.0	20.0	18.2	2.0	5.0	3.6	6.0	1.0	6.0
115	85.3	8.0	48.9	6.7	27.3	4.0	3.0	3.8	5.0	5.0	6.3
116	83.9	5.5	51.7	12.0	9.1	4.0	4.0	4.0	4.0	3.0	5.7
117	86.3	28.0	47.0	6.3	18.2	2.0	4.0	4.0	4.0	5.0	5.7
118	89.1	39.0	49.1	9.0	27.3	2.7	4.0	2.2	4.0	3.0	6.0
119	89.7	34.5	50.3	3.7	45.5	2.7	3.0	2.8	5.0	3.0	5.7
120	88.2	75.0	39.6	3.0	18.2	5.0	4.0	3.2	3.0	3.0	6.3
121	85.9	31.0	50.7	13.7	36.4	2.8	5.0	4.0	4.0	3.0	5.7
122	88.2	21.5	49.6	9.0	45.5	3.3	5.0	2.3	4.0	5.0	6.0
123	88.6	10.5	45.9	9.0	9.1	2.5	4.0	3.0	3.0	1.0	5.0
124	93.1	8.0	49.3	6.0	18.2	3.0	4.0	3.6	3.0	1.0	5.3
125	85.3	33.0	53.5	5.3	0.0	3.0	5.0	3.2	4.0	1.0	6.3
126	81.7	55.0	48.8	31.0	27.3	2.3	3.0	4.0	3.0	1.0	6.3
127	75.8	50.0	55.1	20.5	18.2	3.7	6.0	4.0	3.0	1.0	6.0
128	98.8	76.7	58.3	6.0	18.2	4.7	4.0	4.4	3.0	1.0	5.7
129	86.3	52.5	47.8	1.8	27.3	5.3	5.0	4.6	5.0	3.0	6.3
130	90.1	63.3	55.1	20.3	18.2	2.7	4.0	4.2	6.0	3.0	6.0
131	86.3	60.0	55.8	16.3	36.4	4.0	5.0	4.0	5.0	5.0	5.7
132	76.0	52.5	45.1	6.3	27.3	3.5	4.0	4.0	3.0	1.0	4.7
133	78.7	22.0	46.2	8.0	18.2	4.3	4.0	4.3	3.0	5.0	4.3
134	84.2	13.7	46.6	34.3	27.3	4.3	3.0	3.2	3.0	3.0	5.7
135	81.6	27.0	51.1	35.0	18.2	3.8	3.0	4.0	3.0	3.0	4.7
136	104.2	83.3	52.4	30.3	27.3	1.7	4.0	3.0	4.0	1.0	5.7
137	80.1	0.0	51.0	2.7	0.0	1.7	5.0	3.6	3.0	6.0	4.7
138	85.3	8.0	51.9	6.7	9.1	2.3	4.0	3.6	5.0	5.0	4.0
139	90.7	95.0	50.3	22.3	45.5	1.7	3.0	4.3	5.0	1.0	3.7
140	88.2	100.0	50.0	1.7	9.1	3.3	5.0	3.2	3.0	1.0	6.0
141	96.6	52.5	50.7	6.3	54.5	1.3	4.0	3.6	4.0	5.0	5.7



VTY	PLNT HT	LOADG %	1000 O. W.	YELL BERR	CHECK MARK	POW M 0-9	SEP T 0-9	SEP S 0-9	HEL S 0-9	FUS N 0-9	BYDV 0-9
	( 9)	( 4)	( 2)	( 4)	( 11)	( 4)	( 2)	( 6)	( 1)	( 1)	( 3)
142	84.0	38.0	60.3	1.3	9.1	3.3	4.0	4.0	5.0	5.0	6.3
143	94.1	50.5	48.0	6.3	36.4	3.3	4.0	1.7	5.0	5.0	6.0
144	95.8	89.0	54.0	12.0	9.1	3.0	5.0	2.6	6.0	3.0	5.3
145	97.0	100.0	52.9	16.7	27.3	1.5	4.0	2.4	5.0	5.0	6.0
146	85.3	52.5	52.5	10.0	36.4	3.3	3.0	3.0	5.0	3.0	6.0
147	89.2	26.0	50.4	12.0	27.3	1.5	3.0	3.4	5.0	3.0	5.3
148	86.3	26.0	49.5	6.0	54.5	2.3	4.0	3.4	5.0	3.0	5.7
149	81.6	2.5	47.2	5.0	18.2	3.0	6.0	3.4	6.0	6.0	6.0
150	87.0	2.5	54.6	32.0	18.2	4.0	4.0	1.5	5.0	5.0	6.0
151	80.8	50.0	61.5	14.3	36.4	2.7	3.0	3.8	5.0	6.0	6.3
152	82.4	50.0	56.9	8.8	27.3	1.7	3.0	3.8	4.0	5.0	6.0
153	86.9	54.0	45.2	12.7	27.3	3.0	5.0	2.2	4.0	6.0	5.3
154	87.3	65.0	44.8	9.3	27.3	3.3	5.0	1.8	3.0	5.0	4.7
155	102.7	10.0	47.1	13.7	27.3	3.3	3.0	1.2	3.0	3.0	6.0
156	99.2	5.0	43.0	14.3	36.4	2.3	3.0	1.4	3.0	3.0	5.0
157	96.9	2.5	45.6	33.7	18.2	2.5	4.0	1.2	2.0	3.0	5.0
158	85.2	5.0	55.7	30.3	0.0	3.0	6.0	2.2	4.0	3.0	5.0
159	83.7	20.0	42.8	32.7	36.4	2.3	2.0	1.8	3.0	3.0	6.3
160	82.8	2.5	28.6	14.3	27.3	3.7	3.0	1.6	3.0	6.0	5.0
161	86.2	2.5	52.7	13.3	18.2	3.0	4.0	3.5	3.0	5.0	5.7
162	88.4	10.0	50.4	5.7	9.1	3.5	4.0	1.6	3.0	6.0	5.0
163	91.7	25.0	50.9	2.7	27.3	4.0	4.0	2.2	3.0	5.0	6.0
164	90.1	65.0	44.9	3.3	9.1	4.3	3.0	1.4	3.0	5.0	5.3
165	88.7	60.0	44.8	8.0	9.1	3.8	3.0	1.6	3.0	3.0	6.0
166	88.3	60.0	47.0	4.3	9.1	3.5	3.0	1.8	3.0	6.0	6.3
167	84.9	52.5	52.0	11.3	9.1	3.3	4.0	3.2	3.0	5.0	6.0
168	87.2	52.5	39.7	3.3	36.4	5.0	4.0	1.6	4.0	3.0	5.0

Table 2 (con't.).

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KQ/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT. L	LEAF RUST	STEM RUST	NOBS:						
											( 7)	( 2)	( 20)	( 9)	( 6)	( 13)	( 7)
169	[(61-130-LDS X GLL"S"/GR"S")MEXI"S"] S15-CR"S" CD-26637-12B-1Y-1Y-OM			4728.4	77.2	102.3	155.4	0.8	11.0	20.2							
170	ALF"S"(PTL"S" X S15-CR"S"(T. DUR. RAM- OLL"S" X F3TUN/CR"S")QS"S") CD-26662-7B-1Y-1Y-OM			3783.0	77.3	99.1	154.4	0.1	9.9	17.0							
171	MEXI"S"-MAGH"S" X SCAR"S"-GDD. VZ579 CD-26795-5B-2Y-1Y-OM			3315.0	77.0	100.3	155.3	2.6	9.2	16.7							
172	MEXI"S"-MAGH"S" X SCAR"S"-GDD. VZ579 CD-26795-9B-1Y-4Y-OM			3901.3	77.7	102.3	155.8	0.1	7.2	20.0							
173	USA0625 X 21564-CR"S"/ENTE"S"-MEX I"S" CD-27006-1M-2Y-1Y-OM			4084.3	80.2	103.5	157.0	0.2	8.7	20.0							
174	(MEXI75-CHUMPI2 X FAB"S"/P66.270) GDD"S" CD-27137-1M-1Y-4Y-OM			4526.1	81.2	102.2	155.0	0.1	12.6	46.7							
175	(MEXI75-CHUMPI2 X FAB"S"/P66.270) GDD"S" CD-27137-1M-1Y-6Y-OM			4870.1	80.2	101.0	154.4	0.1	12.3	46.7							
176	[(QS"S"-CR"S" X AA"S"/HO)MEXI"S"] MEMO"S" CD-27215-5B-2Y-1Y-OM			5137.1	78.5	104.7	157.1	0.0	10.6	42.0							
177	CR"S" X GEIER"S"-MEXI"S"/TEAL"S" CD-27329-A-1M-1Y-3Y-OM			3987.3	76.5	104.5	160.4	0.0	4.7	20.2							
178	(USDA0580/CIT"B"-AA"S" X FG"S")GDD"S" CD-27381-H-3M-1Y-1Y-OM			4789.7	78.8	106.7	158.8	0.1	6.8	20.0							
179	USDA573 X GFN-AA"S"(((GDDVZ324-CP X VZ156/HAU27-AD5.77)RABI"B")S15-CR"S" ) CD-27396-A-1M-3Y-1Y-OM			3736.3	78.8	102.6	156.0	0.1	8.2	20.0							
180	PVN 76			5462.6	79.3	100.7	154.0	1.7	9.6	1.6							
181	USDA595-DACK"S" X ROK"S" CD-27402-D-2M-1Y-2Y-OM			4514.2	79.8	102.9	155.6	0.8	4.9	20.1							
182	USDA595-DACK"B" X ROK"B" CD-27402-D-2M-1Y-3Y-OM			4597.0	79.7	103.2	160.6	1.4	6.7	20.0							
183	USDA595-DACK"S" X ROK"S" CD-27402-D-2M-1Y-4Y-OM			4564.7	78.5	104.3	156.5	0.8	6.7	20.2							
184	BD111-OYCA"B" X EGRET"S" CD-27427-A-10M-2Y-1Y-OM			4344.5	72.0	108.5	161.3	0.2	11.8	25.5							
185	BD111-OYCA"B" X EGRET"S" CD-27427-A-16M-1Y-7Y-OM			4121.0	77.1	110.0	162.7	0.8	12.7	31.7							
186	BD111-OYCA"B" X EGRET"S" CD-27427-A-16M-1Y-8Y-OM			3993.0	76.4	108.9	161.3	2.3	15.0	30.2							
187	BD111-OYCA"B" X EGRET"S" CD-27427-E-3M-1Y-5Y-OM			4619.4	76.0	107.2	156.4	0.1	8.4	28.3							
188	BD204-ROK"B" X SCAR"B" CD-27433-A-3M-2Y-0Y			4453.7	79.9	103.6	157.1	0.1	2.5	20.0							
189	BD204-ROK"B" X SCAR"B" CD-27433-F-1M-2Y-0Y			3942.0	81.0	104.4	156.8	0.0	5.0	20.0							
190	[(CP-ST464 X IBIS"B"/COOT"S")BD204] MEXI"S"-MAGH"S" CD-27469-A-3M-1Y-1Y-OM			4309.8	78.3	99.3	155.4	0.7	11.0	30.1							
191	OTA"S"-DURUM69 X EGRET"S"/WIN"B" CD-27516-C-1M-1Y-2Y-OM			4735.7	78.8	108.6	162.0	4.2	7.0	25.3							
192	BR"S"-ZB X REN"B"(PTL"S" X B15-CR"B" (T. DUR. RAM-OLL"B" X F3TUN/CR"S")QS"S" ]) CD-27537-C-2M-1Y-1Y-OM			3977.5	79.9	99.5	156.4	0.1	10.7	23.5							
193	CORN"B"-MEXI75 X ROK"B" CD-27643-B-3M-1Y-0Y			4041.7	79.3	99.4	155.1	1.8	5.7	20.0							

VTY	PLNT HT	LOAD %	1000 G. W.	YELL BERR	CHECK MARK	POW M 0-9	SEP T 0-9	SEP S 0-9	HEL B 0-9	FUS N 0-9	BYDV 0-9
	( 9)	( 4)	( 2)	( 4)	( 11)	( 4)	( 2)	( 6)	( 1)	( 1)	( 3)
169	87.4	80.0	57.9	33.3	45.5	5.0	4.0	1.8	5.0	1.0	4.7
170	82.2	60.0	53.7	37.3	9.1	2.7	4.0	1.8	6.0	3.0	5.7
171	89.6	39.5	55.0	13.3	18.2	2.5	4.0	1.4	7.0	5.0	5.7
172	93.8	90.0	51.0	13.0	18.2	1.5	4.0	1.8	5.0	3.0	5.7
173	95.6	60.0	58.0	2.3	27.3	1.7	4.0	1.8	3.0	3.0	5.3
174	83.7	50.0	50.8	27.0	27.3	3.3	3.0	1.6	5.0	1.0	5.0
175	86.3	55.0	50.8	28.7	18.2	5.3	3.0	0.6	5.0	1.0	4.5
176	86.9	10.0	43.1	35.8	45.5	4.0	3.0	3.6	5.0	1.0	4.0
177	82.8	70.0	54.3	31.7	9.1	3.3	4.0	3.8	5.0	1.0	6.3
178	87.9	5.0	57.0	7.7	18.2	2.3	4.0	4.2	4.0	1.0	5.0
179	83.7	60.0	49.8	15.0	9.1	2.5	4.0	3.2	4.0	3.0	6.0
180	94.4	20.0	40.7	0.0	36.4	2.3	5.0	2.4	5.0	1.0	5.5
181	87.8	15.5	50.1	7.0	9.1	2.5	4.0	1.8	5.0	1.0	7.0
182	87.9	30.5	51.6	7.3	27.3	2.7	3.0	1.4	5.0	1.0	6.3
183	85.3	51.0	51.2	7.7	9.1	2.0	2.0	3.6	4.0	3.0	6.3
184	88.7	65.0	40.0	2.7	36.4	3.0	2.0	3.6	4.0	1.0	5.3
185	91.2	80.0	45.4	3.0	18.2	2.3	3.0	4.2	4.0	1.0	4.0
186	90.1	85.0	48.5	0.7	18.2	2.5	3.0	3.4	5.0	1.0	6.3
187	93.2	95.0	45.7	3.0	9.1	3.0	3.0	3.8	4.0	1.0	5.3
188	83.4	76.7	51.4	4.3	18.2	4.3	4.5	3.3	5.0	1.0	4.7
189	81.9	80.0	51.4	3.3	18.2	4.0	6.0	3.4	5.0	3.0	4.7
190	82.2	70.0	51.3	8.3	36.4	2.7	4.0	3.8	5.0	3.0	5.7
191	89.7	45.0	50.1	2.3	27.3	3.5	3.0	3.0	4.0	1.0	6.3
192	107.0	83.3	58.5	5.0	0.0	1.5	4.0	4.4	5.0	1.0	6.3
193	84.4	55.0	51.0	17.8	36.4	2.0	3.0	4.0	4.0	1.0	7.0

Table 2 (con't.).

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT. L	LEAF RUST	STEM RUST	NOBS:								
											( 7)	( 2)	( 20)	( 9)	( 6)	( 13)	( 7)		
194	(SCO"S"/BD1814 X BD1708-BD1543)ROK"S CD-27658-1M-1Y-0Y			4457.3	77.6	101.9	154.9	0.0	8.7	21.7									
195	(OS"S"-TC60 X MEXI"S"/QEDIZ"S")MAHA" CD-27737-A-3M-1Y-1Y-0M			4057.8	77.8	100.7	154.4	0.1	9.9	18.5									
196	(OS"S"-TC60 X MEXI"S"/QEDIZ"S")MAHA" CD-27737-A-3M-1Y-2Y-0M			4517.0	78.8	101.5	155.0	0.1	10.2	17.3									
197	(OS"S"-TC60 X MEXI"S"/QEDIZ"S")MAHA" CD-27737-A-3M-1Y-1Y-0M			4058.5	77.0	101.5	155.1	0.8	9.8	20.0									
198	PLC"S"-CR"S" X MEXI"S"/DOM"S" X DACK S"-KIWI"S" CD-27748-B-2M-1Y-1Y-0M			4399.2	78.2	105.7	157.4	0.1	8.0	20.0									
199	PLC"S"-CR"S" X MEXI"S"/DOM"S" X DACK S"-KIWI"S" CD-27748-B-2M-1Y-3Y-0M			4313.8	78.0	104.3	156.8	1.4	6.6	18.0									
200	CABORCA 79			5021.7	68.0	95.8	154.9	0.0	6.2	20.0									
201	PLC"S"-CR"S" X MEXI"S"/DOM"S" X DACK S"-KIWI"S" CD-27748-B-2M-2Y-1Y-0M			4750.3	78.0	106.2	157.6	2.7	5.6	23.3									
202	((ZB-MOHMOUDIM'RARI X S15-CR"S"/MEX I"S")BNIPE"S"JMEI"S"-FQ"S" CD-27757-B-1M-2Y-2Y-0M			4587.0	79.3	105.3	156.3	0.8	6.9	20.0									
203	AA"S"-VOLUNTEER X FQ"S"/BMA"S" CD-27807-C-4M-3Y-2Y-0M			4051.0	76.0	105.0	156.8	0.6	7.4	20.0									
204	MEDIUM-KIF"S" X SAPI"S" CD-27945-5B-1Y-2Y-0M			4685.6	78.4	106.1	158.0	0.9	8.1	16.7									
205	MEDIUM-KIF"S" X SAPI"S" CD-27945-5B-1Y-6Y-0M			4433.6	79.8	106.8	157.5	0.2	9.2	16.7									
206	((CP-ST464 X IBIS"S"/COOT"S")DYCA"S JSCO"S")RABI"S" CD-28146-D-4M-1Y-2Y-0M			4394.3	78.4	101.9	158.4	0.1	17.9	31.7									
207	((CP-ST464 X IBIS"S"/COOT"S")DYCA"S JSCO"S")RABI"S" CD-28146-D-4M-1Y-3Y-0M			4628.3	78.8	101.8	158.4	0.1	14.6	26.7									
208	((CP-ST464 X IBIS"S"/COOT"S")DYCA"S JSCO"S")RABI"S" CD-28146-D-4M-1Y-4Y-0M			4214.3	78.8	101.9	153.1	0.2	14.0	31.8									
209	((CP-ST464 X IBIS"S"/COOT"S")DYCA"S JSCO"S")RABI"S" CD-28146-D-5M-1Y-4Y-0M			4228.9	80.3	102.8	154.7	0.1	7.8	33.3									
210	SCO"S"-RABI"S" X MEXI75 CD-28164-B-2M-1Y-1Y-0M			4160.8	75.9	107.7	156.6	0.2	12.0	31.3									
211	SCO"S"-RABI"S" X MEXI75 CD-28164-B-2M-1Y-2Y-0M			4587.7	79.7	107.6	162.9	0.2	10.7	30.2									
212	SCO"S"-RABI"S" X MEXI75 CD-28164-E-3M-1Y-3Y-0M			4244.0	80.0	97.4	156.1	0.2	12.9	21.0									
213	BOY"S"-CIT71((CR"S"-OS"S" X MARTE"S" TLLO"S")MEMO"S") CD-28166-E-1M-1Y-1Y-0M			4268.0	79.9	97.7	154.3	1.1	12.1	21.0									
214	BOY"S"-CIT71((CR"S"-OS"S" X MARTE"S" TLLO"S")MEMO"S") CD-28166-F-1M-1Y-3Y-0M			4293.9	79.7	102.2	158.1	0.3	10.4	28.0									
215	BOY"S"-CIT71((CR"S"-OS"S" X MARTE"S" TLLO"S")MEMO"S") CD-28166-F-1M-1Y-4Y-0M			4485.9	79.6	102.7	157.6	0.1	7.3	30.0									
216	[FUL"S"(CR"S"-OS"S" X MARTE"S"/TLLO" ")GFN-GLL"S" X GTA"S"/IBIS"S"JMEI I75 CD-28203-C-1M-2Y-3Y-0M			3991.8	80.5	105.1	161.9	0.4	8.0	16.7									

VTY	PLNT HT	LOAD %	1000 O.W.	YELL BERR	CHECK MARK	POW M 0-9	SEP T 0-9	SEP S 0-9	MEL S 0-9	FUS N 0-9	BYDV 0-9
	( 9)	( 4)	( 2)	( 4)	( 11)	( 4)	( 2)	( 6)	( 1)	( 1)	( 3)
194	89.7	0.0	51.1	6.8	36.4	1.3	4.0	3.0	5.0	3.0	6.0
195	85.9	22.0	48.6	2.8	9.1	2.3	6.0	2.8	6.0	5.0	5.7
196	87.0	39.0	52.0	6.0	27.3	2.0	6.0	2.8	6.0	5.0	6.0
197	88.2	39.0	54.8	2.7	27.3	2.0	6.0	3.3	4.0	1.0	5.3
198	89.8	2.5	55.0	11.0	45.5	3.0	4.0	2.8	5.0	3.0	6.3
199	87.2	2.5	53.4	17.0	27.3	2.0	4.0	2.8	4.0	5.0	6.3
200	101.3	0.0	40.8	5.0	36.4	1.5	4.0	1.3	7.0	1.0	4.0
201	85.2	0.0	55.1	15.0	27.3	2.0	6.0	3.5	4.0	5.0	6.0
202	80.9	50.0	49.3	7.5	9.1	3.0	4.0	3.0	4.0	6.0	6.3
203	84.9	0.0	48.7	10.0	27.3	2.3	4.0	1.8	4.0	3.0	5.7
204	89.2	0.0	57.4	14.3	18.2	4.5	3.0	2.8	3.0	1.0	6.0
205	88.9	0.0	59.7	7.7	9.1	3.0	4.0	3.8	3.0	3.0	6.0
206	84.6	50.0	44.5	8.7	9.1	5.3	6.0	4.0	5.0	3.0	6.0
207	83.6	50.0	47.5	6.7	18.2	4.7	6.0	4.2	5.0	3.0	6.0
208	86.3	50.0	48.5	10.3	9.1	3.3	7.0	2.4	5.0	3.0	5.7
209	84.4	0.0	48.6	5.0	0.0	4.7	7.0	3.4	5.0	1.0	5.7
210	79.9	50.0	48.0	5.7	0.0	3.0	6.0	3.2	5.0	5.0	6.7
211	82.2	50.0	49.5	3.3	18.2	2.0	5.0	2.6	5.0	6.0	6.7
212	83.4	52.5	63.1	2.7	27.3	2.0	6.0	2.4	5.0	3.0	6.7
213	85.6	47.0	60.7	5.3	18.2	2.0	6.0	3.0	5.0	5.0	6.3
214	85.2	50.0	47.2	16.7	18.2	3.3	4.0	3.2	5.0	3.0	6.3
215	86.9	50.0	45.2	23.0	18.2	3.3	4.0	1.6	4.0	3.0	6.3
216	88.6	50.0	50.4	8.0	27.3	3.0	5.0	2.8	3.0	3.0	5.7



Table 2 (con't.).

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YIELD KG/HA	TEST WT	FLOW DAYS	MAT DAYS	STRP RT. L	LEAF RUST	STEM RUST	
				NOBS:	( 7)	( 2)	( 20)	( 9)	( 6)	( 13)	( 7)
217	LDS MUT-QTA"S" X QS"S"/LDS MUT-QTA"S X ROK"S" CD-28220-G-1M-1Y-5Y-OM			4446.2	80.3	104.6	161.2	1.2	11.7	20.0	
218	LDSMUT-QTA"S" X YAV"S"/LDSMUT-QTA"S" X ROK"S" CD-28222-D-1M-2Y-1Y-OM			4177.7	81.5	103.9	156.8	0.2	9.4	16.8	
219	LDSMUT-QTA"S" X YAV"S"/LDSMUT-QTA"S" X ROK"S" CD-28222-D-1M-2Y-2Y-OM			4180.2	81.3	104.9	157.1	4.8	10.3	16.0	
220	WAKO			3242.3	59.4	116.5	182.0	1.0	14.3	20.0	
221	LDSMUT-QTA"S" X YAV"S"/LDSMUT-QTA"S" X ROK"S" CD-28222-D-1M-2Y-4Y-OM			4061.3	79.7	104.5	156.9	0.2	10.2	20.0	
222	LDSMUT-QTA"S" X YAV"S"/LDSMUT-QTA"S" X ROK"S" CD-28222-D-2M-1Y-6Y-OM			3683.8	73.3	107.4	158.6	0.1	10.5	20.2	
223	LDSMUT-QTA"S" X YAV"S"/LDSMUT-QTA"S" X ROK"S" CD-28222-D-2M-1Y-7Y-OM			3634.2	77.2	104.1	157.0	0.2	12.5	16.8	
224	LDSMUT-QTA"S" X YAV"S"/LDSMUT-QTA"S" X ROK"S" CD-28223-C-1M-1Y-5Y-OM			4401.5	78.8	111.3	159.8	0.1	7.9	21.0	
225	((PO"S"-CIT"S"/CR"S"-QS"S" X P66.270 GEDIZ"S")ICR"S"-QS"S" X MARTE"S"/ TLLO"S")MEMO"S" CD-28339-C-2M-1Y-1Y-OM			4338.7	79.7	104.1	155.4	1.0	11.3	29.5	
226	FRIG"S"-REN"S" X RUFF"S"-QTA"S"/REN" " CD-28376-D-2M-1Y-0Y			4589.7	79.1	94.9	158.2	0.0	12.9	38.3	
227	FRIG"S"-REN"S" X RUFF"S"-QTA"S"/REN" " CD-28376-D-2M-2Y-0Y			4413.2	78.8	95.8	153.5	0.1	14.1	48.3	
228	FRIG"S"-REN"S" X RUFF"S"-QTA"S"/REN" " CD-28376-D-2M-2Y-1Y-OM			4086.0	77.1	96.1	153.9	0.9	14.8	43.5	
229	QTA"S"-DURUM 69 HRL-0Y-6M			4525.2	80.4	103.5	160.0	1.0	6.8	23.3	
230	SNIPE"S"/JO"S"-CR"S" X QS"S"-AA"S" ICD-74119-2L-1AP-OAP			4284.7	78.0	100.7	154.9	0.0	7.8	20.0	
231	SNIPE"S"-RABI"S" ICD-74121-3L-1AP-OAP			3843.2	71.8	105.9	159.3	2.5	11.0	28.3	
232	FG"S"-ATO"S" L-0538-3L-2AP-OAP			4072.7	80.5	103.5	155.8	0.0	7.4	20.0	
233	FG"S"-MAGH"S" L-0539-OL-2AP-OAP			3907.9	76.2	105.5	156.2	1.1	10.1	20.2	
234	RABI"S" X QS"S"-CR"S" L-0599-OL-1AP-OAP			3647.7	76.8	103.4	162.3	1.2	9.5	25.0	
235	VZ484-CP X YUMAF5			4214.2	77.6	97.0	153.0	1.2	10.8	32.0	

VTY	PLNT HT	LDDC %	1000 G. W.	YELL BERR	CHECK MARK	POW M 0-9	SEP T 0-9	SEP S 0-9	MEL S 0-9	FUS N 0-9	BYDV 0-9
	( 9)	( 4)	( 2)	( 4)	( 11)	( 4)	( 2)	( 6)	( 1)	( 1)	( 3)
217	87.8	50.0	49.7	6.0	27.3	2.3	5.0	2.2	3.0	5.0	6.3
218	97.0	50.0	54.5	28.7	27.3	2.0	3.0	2.8	4.0	1.0	6.3
219	98.3	50.0	51.5	23.3	18.2	2.0	3.0	1.0	5.0	1.0	6.3
220	121.9	52.5	27.7	1.7	9.1	2.0	3.0	1.8	4.0	3.0	3.7
221	98.7	50.0	49.7	31.7	9.1	1.0	4.0	3.2	5.0	3.0	4.0
222	90.2	28.0	43.9	32.3	18.2	2.5	6.0	2.2	3.0	6.0	6.3
223	94.6	50.0	53.5	21.7	9.1	1.5	4.0	3.0	5.0	1.0	5.7
224	96.0	46.7	46.2	15.0	9.1	2.3	4.0	3.4	5.0	5.0	5.7
225	87.3	39.0	52.8	48.0	18.2	1.3	6.0	3.2	7.0	5.0	6.3
226	77.4	0.0	48.1	36.3	9.1	1.7	5.0	3.0	5.0	5.0	6.0
227	76.3	0.0	51.2	22.3	18.2	2.5	6.0	4.0	5.0	5.0	6.0
228	74.8	0.0	49.4	5.7	0.0	2.5	5.0	2.6	5.0	3.0	6.0
229	81.6	39.0	50.3	10.0	9.1	2.0	4.0	3.0	3.0	5.0	5.3
230	85.6	39.0	50.4	21.7	0.0	1.7	4.0	1.3	3.0	5.0	6.0
231	81.9	50.0	47.4	33.3	9.1	2.8	4.0	2.8	3.0	5.0	4.7
232	96.0	46.7	49.1	9.3	9.1	2.0	4.0	1.5	5.0	3.0	5.0
233	88.7	39.0	48.6	10.7	27.3	5.0	5.0	3.4	3.0	3.0	6.0
234	84.4	0.0	51.0	12.3	18.2	2.7	5.0	3.6	3.0	3.0	6.0
235	76.7	0.0	53.3	11.3	9.1	3.0	5.0	4.4	6.0	3.0	6.3

Table 3. Top performance entries: Yield

VTY NO.	VARIETY OR CROSS AND PEDIGREE	DRAIN	ORIGIN	YIELD KG/HA	TEST MT	1000 G. W.
180	PVN 76			5462.6	79.3	40.7
41	BOY"S" CD-4404-B-9Y-3M-0Y			5151.9	78.4	53.2
100	CANANEA 79			5144.3	66.2	46.0
176	[(GB"S"-CR"S" X AA"S"/HD)MEXI"S"] MEMO"S" CD-27215-5B-2Y-1Y-0M			5137.1	78.5	43.1
126	SHMA"S"-MEXI75 X YAV"S" CD-24831-E-3Y-5M-1Y-0Y			5089.9	76.8	48.8
200	CABORCA 79			5021.7	68.0	40.8
148	MEMO"S"-MEXI75 CD-26132-8B-1Y-8Y-0M			4988.9	76.4	49.5
106	DACK"S"-ODOVZ394 CD-23677-5Y-1M-3Y-1Y-0M			4880.2	74.2	51.1
115	[RALLE"S"-FO"S"(OR"S" X CP-8T464/ CH67-9TA"S")JBOY"S" CD-24803-A-1Y-1M-501Y			4876.0	75.1	48.9
175	(MEXI75-CHUMPI2 X FAB"S"/P66.270) 900"S" CD-27137-1M-1Y-6Y-0M			4870.1	80.2	50.8
153	MEMO"S"-900"S" CD-26136-1M-1Y-2Y-0M			4867.0	79.3	45.2
108	BOY"S"-YAV"S" CD-24014-1Y-1M-1Y-1Y-0M			4830.6	77.2	45.6
143	SCAR"S"-ODOVZ579 X MEXI75 CD-26073-24B-1Y-3Y-0M			4830.5	77.2	48.0
101	SHMA"S"-ORE"S" CD-23186-1Y-1M-1Y-1Y-0M			4824.6	80.1	51.0
178	(USDA0580/CIT"S"-AA"S" X FO"S")900"S" CD-27381-H-3M-1Y-1Y-0M			4789.7	78.8	57.0
53	SHOV"S" CD-10569-C-10M-1Y-0M			4774.8	77.8	57.6
201	PLC"S"-CR"S" X MEXI"S"/DOM"S" X DACK S"-KIWI"S" CD-27748-B-2M-2Y-1Y-0M			4750.3	78.0	55.1
191	OTA"S"-DURUM49 X EGRET"S"/WIN"S" CD-27516-C-1M-1Y-2Y-0M			4735.7	78.8	50.1
55	FO"S"-SNIPE"S" CD-11566-OAP-1AP-OAP			4733.5	79.7	51.3
169	[(61.130-LDS X OLL"S"/GR"S")MEXI"S"] S15-CR"S" CD-26637-12B-1Y-1Y-0M			4728.4	77.2	57.9
38	ROK"S" CD-1895-12Y-0Y-2E-6B-0Y			4726.7	79.7	56.5
72	SMAN"S" CD-16707-0-3M-3Y-0M-2B-0Y			4718.9	78.2	55.4
74	SMAN"S" CD-16707-0-7M-4Y-4M-0Y			4707.9	77.8	43.6
39	ROK"S" CD-1895-12Y-2Y-2M-0Y			4693.0	79.2	53.3
204	MEDIUM-KIF"S" X SAPI"S" CD-27945-5B-1Y-2Y-0M			4685.6	78.4	57.4
147	MEMO"S"-MEXI75 CD-26132-8B-1Y-1Y-0M			4684.7	76.6	50.4
154	MEMO"S"-900"S" CD-26136-1M-1Y-5Y-0M			4664.3	79.1	44.8
136	[(GFN-OLL"S" X OTA"S"/IBIS"S")MAL"S" USA973-AA"S" CD-25288-A-3Y-2M-1Y-0Y			4637.2	77.5	52.4
93	RUFF"S"-FO"S" X MEXI75/SHMA"S" CD-22344-A-2M-1Y-1M-1Y-0M			4630.5	80.4	52.8
207	[(CP-8T464 X IBIS"S"/CDDT"S")OYCA"S" JSCD"S")RABI"S" CD-28146-D-4M-1Y-3Y-0M			4628.3	78.8	47.5
187	BD111-OYCA"S" X EGRET"S" CD-27427-E-3M-1Y-5Y-0M			4619.4	76.0	45.7
60	YAV 79			4605.9	80.0	52.5

**Table 4. Top performance entries: Days to flower**

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	NOBS:	( 20)	( 9)
100	CANANEA 79				94.4	153.6
226	FRIG"S"-REN"S" X RUFF"S"-QTA"S"/REN" " CD-28376-D-2M-1Y-0Y				94.9	158.2
200	CABORCA 79				95.8	154.9
227	FRIG"S"-REN"S" X RUFF"S"-QTA"S"/REN" " CD-28376-D-2M-2Y-0Y				95.8	153.5
228	FRIG"S"-REN"S" X RUFF"S"-QTA"S"/REN" " CD-28376-D-2M-2Y-1Y-0M				96.1	153.9
235	VZ484-CP X YUMAF5				97.0	153.0
212	SCD"S"-RABI"S" X MEXI75 CD-28164-E-3M-1Y-3Y-0M				97.4	156.1
213	BOY"S"-CIT71[(CR"S"-OS"S" X MARTE"S" TLLO"S")MEMO"S"] CD-28166-E-1M-1Y-1Y-0M				97.7	154.3
67	STIL"S" CD-16677-A-3M-4Y-0M				97.9	154.8
40	MEXI 75				98.5	154.4
131	CIT71-MEXI"S" X SHMA"S"/MAL"S" CD-25095-A-2Y-1M-1Y-1Y-0M				98.6	154.6
84	YAV"S"-QEDIZ"S" CD-20095-2M-1Y-1M-1Y-0Y				98.8	153.5
170	ALF"S"(PTL"S" X S15-CR"S"(T. DUR. RAM- GLL"S" X F3TUN/CR"S")OS"S") CD-26662-7B-1Y-1Y-0M				99.1	154.4
80	CND 79				99.2	154.9
190	[(CP-ST464 X IBIS"S"/COOT"S")BD204] MEXI"S"-MAGH"S" CD-27469-A-3M-1Y-1Y-0M				99.3	155.4
193	CORM"S"-MEXI75 X ROK"S" CD-27643-B-3M-1Y-0Y				99.4	155.1
192	BR"S"-ZB X REN"S"(PTL"S" X S15-CR"S" (T. DUR. RAM-GLL"S" X F3TUN/CR"S")OS"S" ]) CD-27537-C-2M-1Y-1Y-0M				99.5	156.4
127	SHMA"S" X MAGH"S"-YAV"S" CD-24832-A-1Y-1M-0Y				99.6	154.5
130	ERP"S"-OS"S" X BOY"S" CD-25043-A-1Y-3M-0Y				100.0	154.6
145	SCAR"S"-GDDVZ579 X MEXI75 CD-26073-24B-3Y-3Y-0M				100.0	156.4

Table 5. Top performance entries: Days to maturity

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	NOBS:	
				( 9)	( 20)
				MAT DAYS	FLOW DAYS
235	VZ484-CP X YUMAF5			153.0	97.0
208	((CP-ST464 X IBIS"S"/CDOOT"S")OYCA"S JSCD"S")RABI"S" CD-28146-D-4M-1Y-4Y-OM			153.1	101.9
227	FRIO"S"-REN"S" X RUFF"S"-OTA"S"/REN" " " CD-28376-D-2M-2Y-0Y			153.5	95.8
84	YAV"S"-OEDIZ"S" CD-20095-2M-1Y-1M-1Y-0Y			153.5	98.8
100	CANAMEA 79			153.6	94.4
228	FRIO"S"-REN"S" X RUFF"S"-OTA"S"/REN" " " CD-28376-D-2M-2Y-1Y-OM			153.9	96.1
76	OYCA"S"-MAQH"S" X RUFF"S"-FO"S" CD-16913-B-2M-2Y-3M-4Y-OM			154.0	102.7
180	PVN 76			154.0	100.7
74	SWAN"S" CD-16707-0-7M-4Y-4M-0Y			154.1	103.1
213	BOY"S"-CIT71((CR"S"-GS"S" X MARTE"S" TLLO"S")MEMO"S") CD-28166-E-1M-1Y-1Y-OM			154.3	97.7
40	MEXI 75			154.4	98.5
195	(GS"S"-TC60 X MEXI"S"/OEDIZ"S")MAHA" " " CD-27737-A-3M-1Y-1Y-OM			154.4	100.7
88	SHWA"S"-YAV"S" CD-20626-6M-2Y-1M-0Y			154.4	101.4
170	ALF"S"([PTL"S" X S15-CR"S"(T DUR. RAM- QLL"S" X F3TUN/CR"S")GS"S") CD-26662-7B-1Y-1Y-OM			154.4	99.1
175	(MEXI75-CHUMPI2 X FAB"S"/P66.270) GOD"S" CD-27137-1M-1Y-6Y-OM			154.4	101.0
46	GRA"S" CD-7454-17Y-4M-0Y			154.4	100.1
73	SWAN"S" CD-16707-0-3M-3Y-0M-3B-0Y			154.5	101.3
102	RABI"S"-FO"S" X MAL"S" CD-23269-16Y-4M-2Y-0Y			154.5	102.3
127	SHWA"S" X MAQH"S"-YAV"S" CD-24832-A-1Y-1M-0Y			154.5	99.6
131	CIT71-MEXI"S" X SHWA"S"/MAL"S" CD-25095-A-2Y-1M-1Y-1Y-OM			154.6	98.6
15	OYCA"S" CM-14562-J-600Y-1M-2Y			154.6	102.4
130	ERP"S"-GS"S" X BOY"S" CD-25043-A-1Y-3M-0Y			154.6	100.0
43	CINC"S" CD-4465-E-4Y-5M-0Y-OKE-1B			154.6	103.2
209	((CP-ST464 X IBIS"S"/CDOOT"S")OYCA"S JSCD"S")RABI"S" CD-28146-D-5M-1Y-4Y-OM			154.7	102.8
67	STIL"S" CD-16677-A-3M-4Y-OM			154.8	97.9
86	SHWA"S"-MAL"S" CD-20254-BM-4Y-5M-1Y-0Y			154.8	102.5
68	STIL"S" CD-16677-A-7M-1Y-3M-0Y			154.8	101.3
194	(SCD"S"/BD1814 X BD1708-BD1543)ROK"S" CD-27698-1M-1Y-0Y			154.9	101.9
129	P66.270-PTL"S" X DOM"S"/YAV"S" CD-25031-A-1Y-3M-2Y-0Y			154.9	102.1
230	SNIIPES"/JO"S"-CR"S" X GS"S"-AA"S" ICD-74119-2L-1AP-OAP			154.9	100.7
80	CND 79			154.9	99.2
200	CABORCA 79			154.9	95.8

**Table 6. Top performance entries: Height**

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	PLNT HT	LODG %
			NOBS:	( 9 )	( 4 )
102	RABI"S"-FQ"S" X MAL"S" CD-23269-16Y-4M-2Y-0Y			74.8	0.0
228	FRIG"S"-REN"S" X RUFF"S"-OTA"S"/REN" CD-28376-D-2M-2Y-1Y-0M			74.8	0.0
27	FQ"S"-DOM"S" CM-18348-1Y-1Y-1Y-4M-0Y			75.0	27.0
127	SHMA"S" X MAGH"S"-YAV"S" CD-24832-A-1Y-1M-0Y			75.8	30.0
73	OYCA"S"-MAGH"S" X RUFF"S"-FQ"S" CD-16913-B-2M-2Y-3M-2Y-1M-1Y-0Y			75.8	0.0
132	(80179-PH158 X OTA"S"-80193/JNK)YAV" CD-25126-A-1Y-3M-1Y-1Y-0M			76.0	52.5
227	FRIG"S"-REN"S" X RUFF"S"-OTA"S"/REN" CD-28376-D-2M-2Y-0Y			76.3	0.0
235	VZ484-CP X YUMAF3			76.7	0.0
18	CRIS"S" CM-17046-10L-1L-0L			76.8	0.0
226	FRIG"S"-REN"S" X RUFF"S"-OTA"S"/REN" CD-28376-D-2M-1Y-0Y			77.4	0.0
6	B19-CR"S" D-33312-301Y-0M			78.0	52.5
78	FUL"S"-FQ"S"/OYCA"S" X RUFF"S"-FQ"S" CD-17305-A-5M-1Y-2M-0Y			78.1	0.0
15	OYCA"S" CM-14562-J-600Y-1M-2Y			78.2	27.0
59	BD1543-INRAT X COOT"S"/OTA"S" CD-13557-J-3Y-3M-1Y-0M			78.3	20.0
133	(80179-PH158 X OTA"S"-80193/JNK)YAV" CD-25126-A-1Y-3M-2Y-2Y-0M			78.7	22.0
91	GRE"S"-CORM"S" X SHMA"S" CD-22237-C-2M-6Y-1M-1Y-0Y			79.8	41.5
67	STIL"S" CD-16677-A-3M-4Y-0M			79.8	5.0
210	SCO"S"-RABI"S" X MEX173 CD-28164-B-2M-1Y-1Y-0M			79.9	30.0
137	YEL"S"-YAV"S" X FUL"S"/BOY"S" CD-25593-E-1Y-1M-2Y-1Y-0M			80.1	0.0

**Table 7. Top performance entries: Lodging**

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	LODG %	PLNT HT
			NOB8:	( 4 )	( 9 )
1	FG"S" D-27582-1B			0.0	82.9
235	VZ484-CP X YUMAF3			0.0	76.7
90	(JO"S" X OLD115-OLL"S"/F8D7)YAV"S" CD-22123-F-4M-2Y-2M-1Y-0Y			0.0	84.9
18	CRIS"S" CH-17046-10L-1L-OL			0.0	76.8
209	((CP-BT464 X IBIS"S"/COOT"S")OYCA"S JSCO"S")RABI"S" CD-28146-D-5M-1Y-4Y-0M			0.0	84.4
93	RUFF"S"-FG"S" X MEXI75/SHMA"S" CD-22344-A-2M-1Y-1M-1Y-1Y-0M			0.0	92.3
7	BO"S"-000VZ385 CH-9-11B-1B-1B-0B			0.0	89.7
226	FRIO"S"-REN"S" X RUFF"S"-OTA"S"/REN" CD-28376-D-2M-1Y-0Y			0.0	77.4
227	FRIO"S"-REN"S" X RUFF"S"-OTA"S"/REN" CD-28376-D-2M-2Y-0Y			0.0	76.3
68	STIL"S" CD-16677-A-7M-1Y-3M-0Y			0.0	84.1
98	SHMA"S"-BNIPE"S" CD-23180-3Y-1M-1Y-1Y-0M			0.0	84.8
12	RUFF"S"-FG"S" CH-9880-20M-1Y-1M-1Y			0.0	81.3
200	CABORCA 79			0.0	101.3
72	SMAN"S" CD-16707-0-3M-3Y-0M-2B-0Y			0.0	85.6
102	RABI"S"-FG"S" X MAL"S" CD-23269-16Y-4M-2Y-0Y			0.0	74.8
88	SHMA"S"-YAV"S" CD-20626-6M-2Y-1M-0Y			0.0	80.6
75	OYCA"S"-MAGH"S" X RUFF"S"-FG"S" CD-16913-B-2M-2Y-3M-2Y-1M-1Y-0Y			0.0	75.8
204	MEDIUM-KIF"S" X SAPI"S" CD-27945-5B-1Y-2Y-0M			0.0	89.2
19	CRIS"S" CH-17046-10L-13L-2L-OK			0.0	88.3
137	YEL"S"-YAV"S" X FUL"S"/BOY"S" CD-23593-E-1Y-1M-2Y-1Y-0M			0.0	80.1
78	FUL"S"-FG"S"/OYCA"S" X RUFF"S"-FG"S" CD-17305-A-3M-1Y-2M-0Y			0.0	78.1
194	(SCO"S"/BD1814 X BD1708-BD1543)ROK"S" CD-27658-1M-1Y-0Y			0.0	89.7
201	PLC"S"-CR"S" X MEXI"S"/DOM"S" X DACK S"-KIMI"S" CD-27748-B-2M-2Y-1Y-0M			0.0	85.2
228	FRIO"S"-REN"S" X RUFF"S"-OTA"S"/REN" CD-28376-D-2M-2Y-1Y-0M			0.0	74.8
83	DACK"S"-YEL"S" CD-18037-4Y-3M-2Y-2M-2Y-0Y			0.0	87.0
87	SHMA"S"-YAV"S" CD-20626-5M-2Y-1M-0Y			0.0	85.7
77	FUL"S"-FG"S"/OYCA"S" X RUFF"S"-FG"S" CD-17305-A-3M-1Y-1M-0Y			0.0	88.3
28	WIN"S" CH-18377-11Y-6Y-2Y-0Y			0.0	83.9
234	RABI"S" X OS"S"-CR"S" L-03999-0L-1AP-OAP			0.0	84.4
203	AA"S"-VOLUNTEER X FG"S"/SHMA"S" CD-27807-0-4M-3Y-2Y-0M			0.0	84.9
205	MEDIUM-KIF"S" X SAPI"S" CD-27945-5B-1Y-6Y-0M			0.0	88.9

Table 8. Top performance entries: Yellow berry

VTY NO	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	YELL. BERR
			NOBS: ( 4 )	
180	PVN 76			0.0
186	BD111-OYCA"S" X EGRET"S" CD-27427-A-16M-1Y-8Y-0M			0.7
142	SCAR"S"-ODDV1579 X MEXI75 CD-26073-17B-1Y-0Y			1.3
140	BIN			1.7
220	MAKO			1.7
129	P66.270-PTL"S" X DOM"S"/YAV"S" CD-25031-A-1Y-3M-2Y-0Y			1.8
89	HD4326-GS"S" X S15-CR"S"/GTA"S"-FQ"S" CD-21959-B-4M-6Y-1M-1Y-1Y-0M			2.0
88	SHWA"S"-YAV"S" CD-20626-6M-2Y-1M-0Y			2.3
191	GTA"S"-DURUM69 X EGRET"S"/WIN"S" CD-27316-C-1M-1Y-2Y-0M			2.3
173	UBA0625 X 21564-CR"S"/ENTE"S"-MEX I"S" CD-27006-1M-2Y-1Y-0M			2.3
163	FUL"S"-(PTL"S" X S15-CR"S"[(T. DUR. RAM OLL"S" X F3TUN/CR"S")GS"S"]]) CD-26593-3B-2Y-3Y-0M			2.7
212	SCO"S"-RABI"S" X MEXI75 CD-28164-E-3M-1Y-3Y-0M			2.7
137	YEL"S"-YAV"S" X FUL"S"/BOY"S" CD-25593-E-1Y-1M-2Y-1Y-0M			2.7
184	BD111-OYCA"S" X EGRET"S" CD-27427-A-10M-2Y-1Y-0M			2.7
197	(GS"S"-TC60 X MEXI"S"/GEDIZ"S")WAHA" " CD-27737-A-5M-1Y-1Y-0M			2.7
195	(GS"S"-TC60 X MEXI"S"/GEDIZ"S")WAHA" " CD-27737-A-3M-1Y-1Y-0M			2.8
185	BD111-OYCA"S" X EGRET"S" CD-27427-A-16M-1Y-7Y-0M			3.0
120	GFN			3.0
113	CR"S"-GS"S" X D67.3-GTA"S"/MEXI75 CD-24766-B-1Y-1M-1Y-0Y			3.0
187	BD111-OYCA"S" X EGRET"S" CD-27427-E-3M-1Y-3Y-0M			3.0



Table 9. Top performance entries: Stripe rust (leaf)

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	NOBS:		
				STRP RT. L	LEAF RUST	STEM RUST
				( 6 )	( 13 )	( 7 )
176	[(OS"S"-CR"S" X AA"S"/HO)MEXI"S"] MEND"S" CD-27215-58-2Y-1Y-OM			0.0	10.6	42.0
177	CR"S" X OEIER"S"-MEXI"S"/TEAL"S" CD-27329-A-1M-1Y-3Y-OM			0.0	4.7	20.2
31	WIN"S" CM-18577-11Y-7Y-1Y-3M-0Y			0.0	17.5	41.0
91	GRE"S"-CORM"S" X SHMA"S" CD-22237-C-2M-6Y-1M-1Y-0Y			0.0	8.5	20.0
99	SHMA"S"-YAV"S" CD-23184-2Y-3M-1Y-1Y-OM			0.0	3.0	22.0
123	SHMA"S"-MEXI75 X YAV"S" CD-24831-B-1Y-3M-1Y-0Y			0.0	7.3	20.0
28	WIN"S" CM-18577-11Y-6Y-2Y-0Y			0.0	22.1	51.2
37	ROK"S" CD-1895-12Y-0Y-2E-3B-0Y			0.0	13.3	21.2
95	SCD"S"-MEXI"S" CD-22745-10Y-1M-1Y-0Y			0.0	7.1	27.5
85	YAV"S" X GTA"S"(2)-80179 CD-20124-11M-3Y-2M-1Y-1Y-OM			0.0	7.3	21.0
232	FQ"S"-ATO"S" L-0558-3L-2AP-OAP			0.0	7.4	20.0
29	WIN"S" CM-18577-11Y-6Y-2Y-0Y			0.0	16.2	49.2
226	FRIG"S"-REN"S" X RUFF"S"-GTA"S"/REN" " CD-28376-D-2M-1Y-0Y			0.0	12.9	38.3
51	ATO"S" X AA"S"-PLC"S"/D67.2 CD-10023-3M-4Y-4M-1Y-1M-0Y			0.0	7.4	31.7
98	SHMA"S"-SNIPE"S" CD-23180-3Y-1M-1Y-1Y-OM			0.0	6.0	32.2
92	JD"S"-CRISTALINO DE CHILE X FAB"S"/ BOY"S" CD-22289-C-2M-2Y-3M-1Y-1Y-OM			0.0	5.3	26.8
136	[(GFN-OLL"S" X GTA"S"/IBIS"S")MAL"S" USA573-AA"S" CD-25288-A-3Y-2M-1Y-0Y			0.0	6.3	25.0
135	GFN-AA"S" X GTA"S"-PG"S"/BOY"S" CD-25241-A-3Y-1M-1Y-1Y-OM			0.0	5.8	21.2
10	YAV"S" CM-9799-126M-1M-3Y-OM-8AU			0.0	4.5	16.7
53	SHOV"S" CD-10569-C-10M-1Y-OM			0.0	11.3	19.3
194	(SCD"S"/BD1814 X BD1708-BD1543)ROK"S" CD-27658-1M-1Y-0Y			0.0	8.7	21.7
19	CRIS"S" CM-17046-10L-13L-2L-OK			0.0	8.7	31.7
78	FUL"S"-FG"S"/DYCA"S" X RUFF"S"-FG"S" CD-17305-A-5M-1Y-2M-0Y			0.0	17.3	45.1
96	ERP"S"-MAL"S" CD-23069-6Y-7M-1Y-0Y			0.0	6.7	31.5
200	CABORCA 79			0.0	6.2	20.0
88	SHMA"S"-YAV"S" CD-20626-6M-2Y-1M-0Y			0.0	9.9	21.0

Table 9 (con't.).

VTY NO.	VARIETY OR CROSS AND PEDIGREE	ORAIN	ORIGIN	NOBS:		
				STRP RT. L	LEAF RUST	STEM RUST
				( 6)	( 13)	( 7)
12	RUFF"S"-FC"S" CM-9880-20M-1Y-1M-1Y			0.0	9.4	18.8
189	BD204-RDK"S" X SCAR"S" CD-27433-F-1M-2Y-0Y			0.0	5.0	20.0
26	SCA"S" CM-18537-1Y-0L-0AP			0.0	11.8	36.4
126	SHWA"S"-MEXI75 X YAV"S" CD-24831-E-3Y-3M-1Y-0Y			0.0	7.4	19.3
165	FUL"S"<PTL"S" X S13-CR"S"[(T. DUR. RAM QLL"S" X F3TUN/CR"S")QS"S"]] CD-26593-3B-2Y-7Y-0M			0.0	9.1	50.0
119	SHWA"S"-MEXI75 X YAV"S" CD-24831-A-1Y-3M-1Y-3Y-0M			0.0	7.5	20.2
164	FUL"S"<PTL"S" X S15-CR"S"[(T. DUR. RAM QLL"S" X F3TUN/CR"S")QS"S"]] CD-26593-3B-2Y-6Y-0M			0.0	12.4	66.7
110	OTA"S"-MEXI"S" X RUFF"S"-FC"S" CD-24080-2Y-2M-2Y-0Y			0.0	10.4	22.1
114	CR"S"-QS"S" X D67. 3-OTA"S"/MEXI75 CD-24766-B-1Y-1M-1Y-1Y-0M			0.0	9.3	20.0
230	SNIPE"S"/JD"S"-CR"S" X QS"S"-AA"S" ICD-74119-2L-1AP-0AP			0.0	7.8	20.0
167	FUL"S"<PTL"S" X S13-CR"S"[(T. DUR. RAM QLL"S" X F3TUN/CR"S")QS"S"]] CD-26593-15B-2Y-1Y-0M			0.0	9.0	30.0

**Table 10. Top performance entries: Leaf rust**

VITY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	NOBS:		
				LEAF RUST ( 13)	STEM RUST ( 7)	STRP RT. L ( 6)
137	YEL"S"-YAV"S" X FUL"S"/BOY"S" CD-23593-E-1Y-1M-2Y-1Y-0M			1.7	28.0	0.2
188	BD204-ROK"S" X SCAR"S" CD-27433-A-3M-2Y-0Y			2.5	20.0	0.1
133	(S0179-PH158 X GTA"S"-80195/JNK)YAV" CD-23126-A-1Y-3M-2Y-2Y-0M			2.9	20.0	0.1
132	(S0179-PH158 X GTA"S"-80195/JNK)YAV" CD-23126-A-1Y-3M-1Y-1Y-0M			3.0	20.5	0.2
99	SHMA"S"-YAV"S" CD-23184-2Y-3M-1Y-1Y-0M			3.0	22.0	0.0
199	ALBE"S"-YAV"S" CD-26529-5M-1Y-1Y-0M			3.6	21.0	2.4
138	GEDIZ"S"-BOY"S" CD-23689-1B-1Y-0Y			4.3	18.4	0.1
10	YAV"S" CM-9799-126M-1M-5Y-0M-8AU			4.5	16.7	0.0
124	SHMA"S"-MEXI75 X YAV"S" CD-24831-B-2Y-1M-1Y-0Y			4.6	22.7	0.1
177	CR"S" X GEIER"S"-MEXI"S"/TEAL"S" CD-27329-A-1M-1Y-3Y-0M			4.7	20.2	0.0
80	CND 79			4.9	17.3	3.2
181	USDA993-DACK"S" X ROK"S" CD-27402-D-2M-1Y-2Y-0M			4.9	20.1	0.8
122	SHMA"S"-MEXI75 X YAV"S" CD-24831-A-1Y-3M-2Y-1Y-0M			5.0	18.8	0.1
189	BD204-ROK"S" X SCAR"S" CD-27433-F-1M-2Y-0Y			5.0	20.0	0.0
92	JO"S"-CRISTALINO DE CHILE X FAB"S"/ BOY"S" CD-22289-C-2M-2Y-3M-1Y-1Y-0M			5.3	26.8	0.0
123	SHMA"S"-MEXI75 X YAV"S" CD-24831-E-3Y-3M-1Y-0Y			5.5	22.3	0.5
93	RUFF"S"-FO"S" X MEXI75/SHMA"S" CD-22344-A-2M-1Y-1M-1Y-1Y-0M			5.6	20.0	0.1
201	PLC"S"-CR"S" X MEXI"S"/DOM"S" X DACK S"-KIWI"S" CD-27748-B-2M-2Y-1Y-0M			5.6	23.3	2.7
193	CORM"S"-MEXI75 X ROK"S" CD-27643-B-3M-1Y-0Y			5.7	20.0	1.8
135	GFN-AA"S" X GTA"S"-PO"S"/BOY"S" CD-23241-A-3Y-1M-1Y-1Y-0M			5.8	21.2	0.0
112	GEDIZ"S"-YAV"S" CD-24242-4Y-1M-1Y-0Y			6.0	23.0	0.7
82	DACK"S"-YEL"S" CD-18057-4Y-3M-2Y-2M-1Y-0Y			6.0	20.0	0.2
98	SHMA"S"-SNIPE"S" CD-23180-3Y-1M-1Y-1Y-0M			6.0	32.2	0.0

**Table 11. Top performance entries: Stem rust**

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	STEM RUST	STRP RT. L	LEAF RUST
				NOBS: ( 7)	( 6)	( 13)
180	PVN 76			1.6	1.7	9.6
219	LDSMUT-GTA"S" X YAV"S"/LDSMUT-GTA"S" X ROK"S" CD-28222-D-1M-2Y-2Y-OM			16.0	4.8	10.3
100	CANANEA 79			16.0	0.4	7.6
10	YAV"S" CM-97799-126M-1M-3Y-OM-BAU			16.7	0.0	4.5
17	QUIL"S" CM-14646-C-1Y-1M-1Y-4AU			16.7	1.0	7.1
16	QUIL"S" CM-14646-C-1Y-1M-1Y-0Y			16.7	0.8	9.1
205	MEDIUM-KIF"S" X SAPI"S" CD-27945-3B-1Y-6Y-OM			16.7	0.2	9.2
204	MEDIUM-KIF"S" X SAPI"S" CD-27945-3B-1Y-2Y-OM			16.7	0.9	8.1
146	MEMO"S"-MEXI75 CD-26132-2B-1Y-1Y-OM			16.7	2.7	11.1
171	MEXI"S"-MAGH"S" X SCAR"S"-GDO. VZ579 CD-26795-3B-2Y-1Y-OM			16.7	2.6	9.2
147	MEMO"S"-MEXI75 CD-26132-8B-1Y-1Y-OM			16.7	1.4	7.8
216	[FUL"S"(CR"S"-OS"S" X MARTE"S"/TLLO" "JGFN-QLL"S" X GTA"S"/1B1S"S"JMEX I75 CD-28203-C-1M-2Y-3Y-OM			16.7	0.4	8.0
218	LDSMUT-GTA"S" X YAV"S"/LDSMUT-GTA"S" X ROK"S" CD-28222-D-1M-2Y-1Y-OM			16.8	0.2	9.4
20	CIT 71			16.8	0.8	10.5
223	LDSMUT-GTA"S" X YAV"S"/LDSMUT-GTA"S" X ROK"S" CD-28222-D-2M-1Y-7Y-OM			16.8	0.2	12.5
139	GEDIZ"S"-BOY"S" CD-25689-1B-2Y-0Y			16.8	0.4	8.1
170	ALF"S"(PTL"S" X S15-CR"S"(T. DUR. RAM- QLL"S" X F3TUN/CR"S")OS"S"] CD-26662-7B-1Y-1Y-OM			17.0	0.1	9.9
196	(OS"S"-TC60 X MEXI"S"/GEDIZ"S")WAHA" CD-27737-A-3M-1Y-2Y-OM			17.3	0.1	10.2
80	CND 79			17.3	5.2	4.9
6	S15-CR"S" D-33312-501Y-OM			17.5	0.1	10.8
109	GTA"S"-MEXI"S" X RUFF"S"-FG"S" X CD-24080-1Y-4M-1Y-0Y			17.7	2.9	10.7
151	MEMO"S"-MEXI75 CD-26132-24B-1Y-6Y-OM			17.7	3.3	8.6
108	BOY"S"-YAV"S" CD-24014-1Y-1M-1Y-1Y-OM			17.7	0.2	7.7
7	BD"S"-000VZ385 CM-9-115-15-15-0S			17.8	0.8	8.6
128	DUR05-1B1S"S" X REN"S"/SNIPE"S" CD-24842-A-3Y-1M-1Y-1Y-OM			17.8	0.3	9.3
152	MEMO"S"-MEXI75 CD-26132-24B-1Y-7Y-OM			18.0	4.2	10.7
199	PLC"B"-CR"S" X MEXI"S"/DOM"S" X DACK S"-KIWI"S" CD-27748-B-2M-1Y-3Y-OM			18.0	1.4	6.6
40	MEXI 75			18.0	1.4	13.8
72	SWAN"S" CD-16707-0-3M-3Y-OM-2B-0Y			18.0	0.5	8.3

Table 12. Top performance entries: Powdery mildew

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	POW M O-9
			NOBB: ( 4)	
80	CND 79			0.5
100	CANANEA 79			0.5
9	YAV"S" CH-9799-126M-1M-3Y-0Y-1B			1.0
76	OYCA"S"-HAGH"S" X RUFF"S"-FG"S" CD-16913-B-2M-2Y-3M-4Y-0M			1.0
12	RUFF"S"-FG"S" CH-9880-20M-1Y-1M-1Y			1.0
221	LDSMUT-GTA"S" X YAV"S"/LDSMUT-GTA"S" X ROK"S" CD-28222-D-1M-2Y-4Y-0M			1.0
1	FO"S" D-27582-1B			1.0
141	SCAR"S"-GDOVIZ79 X DACK"S" CD-26066-3B-1Y-2Y-0M			1.3
194	(BCO"S"/BD1814 X BD1708-9D1543)ROK"S" CD-27658-1M-1Y-0Y			1.3
229	[(IPQ"S"-CIT"S"/CR"S"-OS"S" X P46.270 GEDIZ"S"X(CR"S"-OS"S" X HARTE"S"/ TLLO"S")MEMO"S" CD-28339-C-2M-1Y-1Y-0M			1.3
200	CABORCA 79			1.5
147	MEMO"S"-MEXI75 CD-26132-8B-1Y-1Y-0M			1.5
77	FUL"S"-FG"S"/OYCA"S" X RUFF"S"-FG"S" CD-17305-A-5M-1Y-1M-0Y			1.5
101	SHMA"S"-GRE"S" CD-23186-1Y-1M-1Y-1Y-0M			1.5
192	BR"S"-ZB X REN"S"(PTL"S" X S15-CR"S" (T. DUR. RAH-QLL"S" X F3TUN/CR"S")OS"S" J) CD-27337-C-2M-1Y-1Y-0M			1.5
92	JO"S"-CRISTALINO DE CHILE X FAB"S"/ BOY"S" CD-22289-C-2M-2Y-3M-1Y-1Y-0M			1.5
10	YAV"S" CH-9799-126M-1M-5Y-0M-BAU			1.5
145	SCAR"S"-GDOVIZ79 X MEXI75 CD-26073-24B-3Y-3Y-0M			1.5
223	LDSMUT-GTA"S" X YAV"S"/LDSMUT-GTA"S" X ROK"S" CD-28222-D-2M-1Y-7Y-0M			1.5
172	MEXI"S"-HAGH"S" X SCAR"S"-GDO. VZ579 CD-26793-9B-1Y-4Y-0M			1.5
226	FRIQ"S"-REN"S" X RUFF"S"-GTA"S"/REN" " CD-28376-D-2M-1Y-0Y			1.7
139	GEDIZ"S"-BOY"S" CD-25689-1B-2Y-0Y			1.7
93	RUFF"S"-FG"S" X MEXI75/SHMA"S" CD-22344-A-2M-1Y-1M-1Y-1Y-0M			1.7
173	USA0625 X 21364-CR"S"/ENTE"S"-MEX I"S" CD-27006-1M-2Y-1Y-0M			1.7
230	SNIPE"S"/JO"S"-CR"S" X OS"S"-AA"S" ICD-74119-2L-1AP-0AP			1.7
136	[(GFN-QLL"S" X GTA"S"/IBIS"S")MAL"S" UBA573-AA"S" CD-25288-A-3Y-2M-1Y-0Y			1.7
86	SHMA"S"-HAL"S" CD-20254-8M-4Y-5M-1Y-0Y			1.7
152	MEMO"S"-MEXI75 CD-26132-24B-1Y-7Y-0M			1.7
137	YEL"S"-YAV"S" X FUL"S"/BOY"S" CD-25993-E-1Y-1M-2Y-1Y-0M			1.7
19	CRIS"S" CH-17046-10L-13L-2L-0M			1.7
99	SHMA"S"-YAV"S" CD-23184-2Y-3M-1Y-1Y-0M			1.7

**Table 13. Top performance entries: *Septoria* spp.**

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	SEP 6 0-9
			NOBS: ( 6)	
175	(MEXI75-CHUMPI2 X FAB"S"/P66.270) GDD"S" CD-27137-1M-1Y-6Y-OM			0.6
219	LDSMUT-GTA"S" X YAV"S"/LDSMUT-GTA"S" X ROK"S" CD-28222-D-1M-2Y-2Y-OM			1.0
108	BOY"S"-YAV"S" CD-24014-1Y-1M-1Y-1Y-OM			1.0
79	FUL"S"-FG"S"/OYCA"S" X RUFF"S"-FG"S" CD-17305-A-5M-4Y-2M-1Y-2B-1Y			1.2
155	MEMO"S"-GDD"S" CD-26136-1M-2Y-1Y-OM			1.2
157	MEMO"S"-GDD"S" CD-26136-1M-2Y-4Y-OM			1.2
100	CANANEA 79			1.3
230	SNIIPE"S"/JO"S"-CR"S" X OS"S"-AA"S" ICD-74119-2L-1AP-OAP			1.3
200	CABORCA 79			1.3
171	MEXI"S"-MAGH"S" X SCAR"S"-GDD.VZ579 CD-26795-5B-2Y-1Y-OM			1.4
164	FUL"S" (PTL"S" X S15-CR"S" [(T. DUR. RAM QLL"S" X F3TUN/CR"S")OS"S"]]) CD-26593-3B-2Y-6Y-OM			1.4
71	QEDIZ-FG"S" X GTA"S" CD-16706-C-7M-1Y-1M-1Y-1M-1Y-0Y			1.4
182	USDA395-DACK"S" X ROK"S" CD-27402-D-2M-1Y-3Y-OM			1.4
156	MEMO"S"-GDD"S" CD-26136-1M-2Y-2Y-OM			1.4
150	MEMO"S"-MEXI75 CD-26132-21B-1Y-1Y-OM			1.5
232	FO"S"-ATO"S" L-0558-3L-2AP-OAP			1.5
162	FUL"S" (PTL"S" X S15-CR"S" [(T. DUR. RAM QLL"S" X F3TUN/CR"S")OS"S"]]) CD-26593-3B-2Y-1Y-OM			1.6
174	(MEXI75-CHUMPI2 X FAB"S"/P66.270) GDD"S" CD-27137-1M-1Y-4Y-OM			1.6
165	FUL"S" (PTL"S" X S15-CR"S" [(T. DUR. RAM QLL"S" X F3TUN/CR"S")OS"S"]]) CD-26593-3B-2Y-7Y-OM			1.6
70	QEDIZ-FG"S" X GTA"S" CD-16706-C-5M-2Y-2M-4Y-1M-1Y-0Y			1.6
60	YAV 79			1.6
74	SWAN"S" CD-16707-0-7M-4Y-4M-0Y			1.6
86	SHMA"S"-MAL"S" CD-20254-8M-4Y-5M-1Y-0Y			1.6
215	BOY"S"-CIT71[(CR"S"-OS"S" X MARTE"S" TLLO"S")MEMO"S"] CD-28166-F-1M-1Y-4Y-OM			1.6
77	FUL"S"-FG"S"/OYCA"S" X RUFF"S"-FG"S" CD-17305-A-5M-1Y-1M-0Y			1.6
160	CANDO			1.6

Table 13 (con't.).

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	SEP 5 0-9
			NOBS: ( 6 )	
168	FUL"S"(PTL"S" X S15-CR"S"[(T. DUR. RAM QLL"S" X F3TUN/CR"S")08"S"]] CD-26593-16B-1Y-4Y-0M			1.6
143	SCAR"S"-0DOV2579 X MEXI75 CD-26073-24B-1Y-3Y-0M			1.7
170	ALF"S"(PTL"S" X S15-CR"S"(T. DUR. RAM- QLL"S" X F3TUN/CR"S")08"S"]] CD-26662-7B-1Y-1Y-0M			1.8
181	UBDA595-DACK"S" X ROK"S" CD-27402-D-2M-1Y-2Y-0M			1.8
203	AA"B"-VOLUNTEER X FO"S"/SHMA"S" CD-27807-0-4M-3Y-2Y-0M			1.8
87	SHMA"S"-YAV"S" CD-20626-5M-2Y-1M-0Y			1.8
67	STIL"S" CD-16677-A-3M-4Y-0M			1.8
166	FUL"S"(PTL"S" X S15-CR"S"[(T. DUR. RAM QLL"S" X F3TUN/CR"S")08"S"]] CD-26593-3B-2Y-8Y-0M			1.8
85	YAV"S" X GTA"S"(2)-80179 CD-20124-11M-3Y-2M-1Y-1Y-0M			1.8
134	MEND"S"-000"S" CD-26136-1M-1Y-5Y-0M			1.8
169	[(61.130-LDS X QLL"S"/GR"S")MEXI"S"] S15-CR"S" CD-26637-12B-1Y-1Y-0M			1.8
173	USAD625 X 21564-CR"S"/ENTE"S"-HEX I"S" CD-27006-1M-2Y-1Y-0M			1.8
159	ALBE"S"-YAV"S" CD-26529-5M-1Y-1Y-0M			1.8
69	GEDIZ-FQ"S" X GTA"S" CD-16706-B-BM-4Y-1M-2Y-1M-1Y-0Y			1.8
172	MEXI"S"-MAGH"S" X SCAR"S"-0DD. VZ579 CD-26795-9B-1Y-4Y-0M			1.8
14	DACK"S" CM-13919-11Y-2M-2Y-0Y			1.8
220	MAKO			1.8
75	DYCA"S"-MAGH"S" X RUFF"S"-FQ"S" CD-16913-B-2M-2Y-3M-2Y-1M-1Y-0Y			2.0
29	WIN"S" CM-18577-11Y-6Y-2Y-0Y			2.0
54	SHOV"S" CD-10569-C-10M-1Y-0M-7AU			2.0
98	DACK"S"-KIMI"S" CD-12499-8Y-1M-4Y-1M-0Y			2.0
56	SAAT"S" CD-11814-5Y-8M-2Y-4M-0Y			2.0
78	FUL"S"-FQ"S"/DYCA"S" X RUFF"S"-FQ"S" CD-17305-A-5M-1Y-2M-0Y			2.0
44	GTA"S"-TC60 X MEXI"S" CD-4833-E-1Y-1M-0Y			2.0
59	BD1343-INRAT X COOT"S"/GTA"S" CD-13557-J-3Y-3M-1Y-0M			2.0
30	WIN"S" CM-18577-11Y-6Y-2Y-0Y-15B-0Y			2.0

**Table 14. Top performance entries: Barley yellow dwarf virus**

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	BYDV 0-9
			NOBS: ( 3)	
80	CND 79			3.0
220	WAKO			3.7
139	QEDIZ"S"-BOY"S" CD-25689-1B-2Y-0Y			3.7
98	SHMA"S"-SNIPE"S" CD-23180-3Y-1M-1Y-0M			4.0
41	BOY"S" CD-4404-B-9Y-3M-0Y			4.0
221	LDSMUT-GTA"S" X YAV"S"/LDSMUT-GTA"S" X ROM"S" CD-28222-D-1M-2Y-4Y-0M			4.0
138	QEDIZ"S"-BOY"S" CD-25689-1B-1Y-0Y			4.0
176	[(QS"S"-CR"S" X AA"S"/HO)MEXI"S"] MEMO"S" CD-27215-5B-2Y-1Y-0M			4.0
73	SWAN"S" CD-16707-0-3M-3Y-0M-3B-0Y			4.0
185	BD111-DYCA"S" X EGRET"S" CD-27427-A-16M-1Y-7Y-0M			4.0
200	CABORCA 79			4.0
31	WIN"S" CM-18577-11Y-7Y-1Y-3M-0Y			4.0
16	QUIL"S" CM-14646-C-1Y-1M-1Y-0Y			4.0
96	ERP"S"-MAL"S" CD-23069-6Y-7M-1Y-0Y			4.0
93	RUFF"S"-FQ"S" X MEXI75/SHMA"B" CD-22344-A-2M-1Y-1M-1Y-0M			4.3
77	FUL"S"-FQ"S"/DYCA"S" X RUFF"S"-FQ"S" CD-17305-A-3M-1Y-1M-0Y			4.3
85	YAV"S" X GTA"S"(2)-S0179 CD-20124-11M-3Y-2M-1Y-0M			4.3
62	CR"S"-QS"S" X FAB"S"/SCO"S" CD-16462-A-1M-2Y-1M-1Y-1M-0Y			4.3
47	(RABI"S"/QLL"S" X LDS-RL3601)FQ"S" CD-7455-4Y-1M-0Y			4.3
107	SAPI"S"-TEAL"S" CD-23739-11Y-2M-1Y-1Y-0M			4.3
22	REN"S" CM-17583-20M-7Y-1M			4.3
18	CRIS"S" CM-17046-10L-1L-0L			4.3
20	CIT 71			4.3
23	GR"S"(CP-ST464 X CR"S"/PLC"S") CM-17800-E-6M-2Y-0Y			4.3
21	6710-6780 X PTL"S" CM-17512-2M-1Y			4.3
55	FQ"S"-SNIPE"S" CD-11566-OAP-1AP-OAP			4.3
133	(S0179-PH158 X GTA"S"-S0195/JMK)YAV" " CD-25126-A-1Y-3M-2Y-2Y-0M			4.3
78	FUL"S"-FQ"S"/DYCA"S" X RUFF"S"-FQ"S" CD-17305-A-3M-1Y-2M-0Y			4.5
102	RABI"S"-FQ"S" X MAL"S" CD-23269-16Y-4M-2Y-0Y			4.5
175	(MEXI75-CHUMPI2 X FAB"S"/P66.270) 900"S" CD-27137-1M-1Y-6Y-0M			4.5



Table 15. Top performance entries: Check mark

VTY NO.	VARIETY OR CROSS AND PEDIGREE	GRAIN	ORIGIN	CHECK MARK
			NOBS: ( 11)	
109	QTA"S"-MEXI"S" X RUFF"S"-FQ"S" CD-24080-1Y-4M-1Y-0Y			54.5
148	MEMO"S"-MEXI75 CD-26132-8B-1Y-8Y-0M			54.5
141	SCAR"S"-GDOVZ579 X DACK"S" CD-26066-3B-1Y-2Y-0M			54.5
72	SMAN"S" CD-16707-0-3M-3Y-0M-2B-0Y			54.5
113	CR"S"-QS"S" X D67.3-QTA"S"/MEXI75 CD-24766-8-1Y-1M-1Y-0Y			54.5
67	STIL"S" CD-16677-A-3M-4Y-0M			54.5
74	SMAN"S" CD-16707-0-7M-4Y-4M-0Y			54.5
87	SHMA"S"-YAV"S" CD-20626-5M-2Y-1M-0Y			54.5
64	TEAL"S"-WIN"S" X GAD"S" CD-16467-A-9M-2Y-2M-1Y-1M-2Y-0Y			45.5
94	SHOV"S" CD-10569-C-10M-1Y-0M-7AU			45.5
65	TEAL"S"-WIN"S" X GAD"S" CD-16467-A-11M-4Y-1M-1Y-1M-0Y			45.5
122	SHMA"S"-MEXI75 X YAV"S" CD-24831-A-1Y-3M-2Y-1Y-0M			45.5
31	WIN"S" CM-18577-11Y-7Y-1Y-3M-0Y			45.5
60	YAV 79			45.5
176	[(QS"S"-CR"S" X AA"S"/HO)MEXI"S"] MEMO"S" CD-27213-5B-2Y-1Y-0M			45.5
42	BOY"S" CD-4404-J-18Y-13Y-2Y-1M-0Y			45.5
63	TEAL"S"-WIN"S" X GAD"S" CD-16467-A-9M-2Y-2M-1Y-1M-0Y			45.5
28	WIN"S" CM-18577-11Y-6Y-2Y-0Y			45.5
77	FUL"S"-FQ"S"/DYCA"S" X RUFF"S"-FQ"S" CD-17305-A-5M-1Y-1M-0Y			45.5
198	PLC"S"-CR"S" X MEXI"S"/DOM"S" X DACK S"-KIWI"S" CD-27748-B-2M-1Y-1Y-0M			45.5
169	[(61.130-LDS X QLL"S"/GR"S)MEXI"S"] S13-CR"S" CD-26637-12B-1Y-1Y-0M			45.5
101	SHMA"S"-ORE"S" CD-23186-1Y-1M-1Y-1Y-0M			45.5
106	DACK"S"-GDOVZ394 CD-23677-5Y-1M-3Y-1Y-0M			45.5
14	DACK"S" CM-13919-11Y-2M-2Y-0Y			45.5
119	SHMA"S"-MEXI75 X YAV"S" CD-24831-A-1Y-3M-1Y-3Y-0M			45.5
51	ATO"S" X AA"S"-PLC"S"/D67.2 CD-10023-3M-4Y-4M-1Y-1M-0Y			45.5
24	FRIG"S" CM-17904-B-3M-1Y-1Y			45.5
139	GEDIZ"S"-BOY"S" CD-25689-1B-2Y-0Y			45.5



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