# Results of the Thirteenth International Triticale Screening Nursery (ITSN) 1981-82

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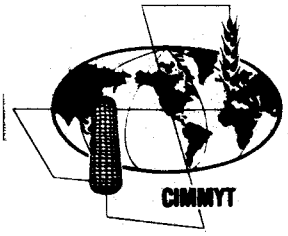


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# GLOSSARY OF VARIABLE NAMES USED IN THE TABLES.
# GLOSARIO DE NOMBRES VARIABLES USADOS EN LAS TABLAS.
# GLOSSAIRE DES NOMS DES VARIABLES UTILISES DANS LES TABLEAUX.

| 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 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) |
| 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 dûs 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$^2$ | 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 amylase (en secondes) |
| FERT o/o | Fertility percentage | Porcentaje de fertilidad | Fertilité en pourcentage |
| FLOW DAYS | Number days to flowar | 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 níveo (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 o/o | Germination percentage | Porcentaje de germinación | Germination en pourcentage |
| HAIL DMGE | Hail damage percentage | Porcentaje de daño por granizo | Dégâts dûs á 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 | Aperiencia del grano | Apperence 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 o/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/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) |
| PHYR TRIT | Pyranophora 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$^2$) |
| PLNT HT | Height (cm) | Altura (cm) | Hauteur (cm) |
| PLNT WT | Plant weight (grams) | Peso de la planta (gramos) | Poids de la plante (grames) |
| POWD | Powdery mildew (0–9 scale) | Mildiú polvoriento (escala 0–9) | Oidium (échelle 0–9) |
| PROT o/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/o | Scab percentage | Porcentaje de roña | Fusarium de l'épi en pourcentage |
| SCLD | Scald (0–9 scale) | Porcentaje de escaldadura (escala 0–9) | Rhyncosporium (échelle 0–9) |
| SDMT INDX | Sedimentation index (cc) | Indice 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 (o/o) | 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 specifique (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 TRITICALE SCREENING NURSERY

# (ITSN) 1981-82

The 13th International Triticale Screening Nursery (ITSN) was sent in September 1981 to be grown by cooperators in their spring season of 1982. One hundred nurseries went to cooperators in 67 countries. The 172 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.

Fifty-five of the cooperators receiving the 13th 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. 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][( .4 + .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 |
|---|---|---|---|---|
| 6 | AFRICA | EGYPT | CAIRO | 3 4 7 9 |
| 14 | AFRICA | KENYA | RIFT VALLEY | 8 50 |
| 35 | AFRICA | TUNISIA | TUNIS | 50 |
| 80 | EUROPE | POLAND | DANKOW | 1 2 3 9 13 50 |
| 84 | EUROPE | PORTUGAL | ALENTEJO | 3 4 7 8 50 |
| 88 | EUROPE | SPAIN | MADRID | 1 3 4 9 10 50 |
| 99 | MIDDLE EAST | IRAN | GORGAN | 3 4 9 |
| 104 | MIDDLE EAST | JORDAN | JORDAN VALLEY | 3 4 9 |
| 119 | OCEANIA | NEW ZEALAND | MANAWATU | 1 2 77 |
| 121 | NORTH AMERICA | CANADA | MANITOBA | 1 3 4 9 |
| 126 | NORTH AMERICA | MEXICO | GUANAJUATO | 1 4 |
| 128 | NORTH AMERICA | MEXICO | EDO DE MEXICO | 1 2 3 4 7 9 13 |
| 129 | NORTH AMERICA | MEXICO | EDO DE MEXICO | 1 2 3 9 13 |
| 132 | NORTH AMERICA | MEXICO | SONORA | 1 2 3 9 13 |
| 133 | NORTH AMERICA | MEXICO | SONORA | 1 2 13 |
| 143 | NORTH AMERICA | U. S. A. | SOUTH DAKOTA | 3 7 |
| 161 | SOUTH AMERICA | BRAZIL | RIO GRANDE DO SUL | 7 |
| 164 | SOUTH AMERICA | COLOMBIA | CUNDINAMARCA | 3 4 6 64 |
| 169 | SOUTH AMERICA | ECUADOR | QUITO, PICHINCHA | |
| 190 | AFRICA | SOUTH AFRICA | CAPE PROVINCE | 3 9 50 62 |
| 211 | ASIA | TAIWAN | TAIPEI | 1 3 4 9 13 45 |
| 213 | CARIBBEAN | DOMINICAN REP. | SANTIAGO | 3 4 9 70 |
| 232 | EUROPE | FRANCE | MONTPELLIER | 3 9 10 50 |
| 265 | NORTH AMERICA | MEXICO | CHIHUAHUA | 1 3 4 |
| 270 | NORTH AMERICA | U. S. A. | GEORGIA | 1 3 7 9 |
| 328 | NORTH AMERICA | MEXICO | MICHOACAN | 1 3 4 7 9 70 |
| 350 | SOUTH AMERICA | PARAGUAY | CACUPE | 7 8 |
| 351 | NORTH AMERICA | MEXICO | TLAXCALA | 1 2 3 4 9 13 |
| 356 | SOUTH AMERICA | BOLIVIA | SANTA CRUZ | 3 4 7 8 10 50 |
| 363 | MIDDLE EAST | SYRIA | ALEPPO | 1 3 50 |
| 368 | MIDDLE EAST | CYPRUS | ATHALASSA | 3 9 50 |
| 372 | ASIA | INDIA | WEST BENGAL | 4 7 9 80 |
| 382 | AFRICA | ZAMBIA | NORTHERN PROVINCE | 3 50 68 |
| 386 | ASIA | BANGLADESH | JAMALPUR | 1 3 4 70 |
| 421 | AFRICA | TANZANIA | IRINGA | 1 3 50 64 |
| 426 | SOUTH AMERICA | BRAZIL | PARANA | 36 50 70 |
| 427 | SOUTH AMERICA | BRAZIL | PARANA | 36 50 70 |
| 433 | MIDDLE EAST | QATAR | BARADA | 1 3 4 9 50 |
| 442 | ASIA | NEPAL | KABRE | 1 3 4 7 50 70 |
| 457 | CENTRAL AMERICA | COSTA RICA | ALAJUELA | 1 3 4 9 10 |
| 459 | AFRICA | BURUNDI | MURAMUYIA | 7 |
| 462 | SOUTH AMERICA | ARGENTINA | LA PAMPA | 3 9 25 |
| 467 | NORTH AMERICA | CANADA | SASKATCHEWAN | 50 |
| 472 | EUROPE | SPAIN | BADAJOZ | 1 3 50 |

## Table 1 (con't.).

| LOCATION | CONTINENT | COUNTRY | AREA | VARIABLES INCLUDED |
|---|---|---|---|---|
| 476 | ASIA | BURMA | SOUTHEN SHAN STATE | 3 4 7 9 13 |
| 477 | EUROPE | NORWAY | | 1 3 4 9 13 |
| 484 | NORTH AMERICA | CANADA | QUEBEC | 50 77 |
| 496 | EUROPE | POLAND | KRAKOW | 3 4 7 9 64 |
| 497 | OCEANIA | NEW ZEALAND | CANTERBURY | 3 9 50 |
| 498 | NORTH AMERICA | MEXICO | MICHOACAN | 1 3 4 9 62 |
| 511 | EUROPE | BELGIUM | GEMBLOUX | 1 3 4 9 |
| 513 | SOUTH AMERICA | BRAZIL | PARANA | 3 4 7 8 9 50 |
| 541 | SOUTH AFRICA | BRAZIL | R.S. | 36 50 64 |
| 542 | AFRICA | BURUNDI | MURAMUYA | 7 |
| 543 | AFRICA | UPPER VOLTA | | 50 |

*VARIABLE IDENTIFICATIONS

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | YIELD | KG/HA | 2 | TEST | WT | 3 | FLOW | DAYS | 4 | MAT | DAYS | 6 | STRP | RT. H |
| 7 | LEAF | RUST | 8 | STEM | RUST | 9 | PLNT | HT | 10 | LODG | % | 13 | 1000 | G.W. |
| 25 | FRST | DMGE | 36 | SCAB | % | 45 | EARS | /M2 | 50 | CHECK | MARK | 62 | SEP T | 0-9 |
| 64 | SEP S | 0-9 | 68 | SPT B | 0-9 | 70 | HEL S | 0-9 | 77 | BYDV | 0-9 | 80 | L FIR | 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. H | LEAF RUST | STEM RUST |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | NOBS: | ( 24) | ( 7) | ( 38) | ( 26) | ( 1) | ( 16) | ( 5) |
| 1 | CANANEA79 | | | 3757.3 | 63.4 | 86.2 | 137.3 | 0.0 | 1.0 | 3.3 |
| 2 | BEAGLE | | | 4188.4 | 63.8 | 89.1 | 142.3 | 10.0 | 13.2 | 8.5 |
| 3 | CABORCA79 | | | 3734.9 | 65.7 | 86.2 | 138.5 | 0.0 | 0.8 | 20.0 |
| 4 | CHIVA"S" | | | 4131.4 | 66.9 | 88.1 | 141.7 | 0.0 | 5.8 | 16.7 |
| 5 | RAHUM | | | 4013.6 | 64.1 | 85.6 | 138.2 | 0.0 | 0.5 | 13.3 |
| 6 | ARABIAN | | | 3683.2 | 64.8 | 88.1 | 141.8 | 0.0 | 18.3 | 1.9 |
| 7 | SETTER | | | 3846.5 | 65.1 | 93.7 | 141.3 | 0.0 | 4.6 | 3.3 |
| 8 | NAVOJOA | | | 3646.0 | 64.9 | 88.9 | 142.6 | 0.0 | 7.1 | 13.3 |
| 9 | MUSKOX"S" X-15570-5M-1Y-1M-3Y-0M | | | 4468.6 | 65.8 | 93.3 | 144.2 | 0.0 | 2.7 | 0.1 |
| 10 | MUSKOX 658 X-15570 | | | 4431.6 | 69.2 | 89.8 | 144.3 | 0.0 | 5.9 | 6.7 |
| 11 | MULA"S" X-18330-3M-2Y-2M-1Y-2M-0Y | | | 4343.2 | 66.4 | 93.4 | 147.2 | 0.0 | 10.0 | 7.0 |
| 12 | LECHON"S" X-27605-11M-1Y-1M-1Y-0M | | | 4142.7 | 68.9 | 85.9 | 141.5 | 0.0 | 5.7 | 15.8 |
| 13 | LECHON"S" X-27605-11M-1Y-1M-1Y-2M-0Y | | | 3941.9 | 68.8 | 86.5 | 140.8 | 0.0 | 6.5 | 19.0 |
| 14 | TIGRE"S" X-27947-22M-1Y-0M | | | 4326.9 | 68.6 | 86.8 | 139.0 | 0.0 | 4.0 | 10.8 |
| 15 | JUPPA"S" X-28579-1KE-0KE-1Y-1B-0Y | | | 3563.7 | 68.0 | 87.4 | 140.9 | 0.0 | 7.9 | 12.0 |
| 16 | M2A(2)-M1A X IA X-29557-H-3M-1Y-1M-2Y-2M-0Y | | | 3490.7 | 67.4 | 91.2 | 140.0 | 0.0 | 3.5 | 18.0 |
| 17 | ABN-M1A X M2A X-29642-A-2M-500Y-500M-500Y-5048 500Y-501Y-0M | | | 3561.8 | 68.5 | 87.6 | 140.8 | 0.0 | 7.4 | 8.5 |
| 18 | YE75 X IA-BUSH X-31095-1Y-1M-1Y-1M-1Y-0Y | | | 3747.5 | 68.9 | 85.9 | 140.6 | 0.0 | 10.7 | 6.0 |
| 19 | YE75 X IA-BUSH X-31095-1Y-1M-1Y-1M-1Y-1Y-0H | | | 3466.0 | 70.0 | 85.7 | 140.8 | 0.0 | 7.1 | 10.5 |
| 20 | YE75 X IA-BUSH X-31095-1Y-4M-1Y-3M-1Y-1Y-0H | | | 3513.0 | 69.0 | 85.9 | 140.0 | 0.0 | 23.4 | 6.2 |
| 21 | M2A-BULK2925 X-31158-1Y-2M-2Y-2M-1Y-0Y | | | 3694.0 | 65.8 | 93.9 | 145.2 | 0.0 | 11.3 | 14.7 |
| 22 | BCM"S"-IA X-31186-6Y-4M-1Y-2M-0Y | | | 4278.3 | 65.3 | 86.5 | 140.3 | 0.0 | 1.7 | 11.5 |
| 23 | M1A-IA X-31247-2Y-1M-2Y-4M-1Y-0Y | | | 3898.0 | 68.4 | 86.4 | 140.2 | 0.0 | 16.7 | 6.5 |
| 24 | M1A-IA X-31247-2Y-1M-2Y-3M-1Y-1Y-0H | | | 3865.8 | 68.0 | 87.4 | 138.9 | 0.0 | 16.4 | 4.5 |
| 25 | CANANEA79 | | | 3882.3 | 63.5 | 85.8 | 137.1 | 0.0 | 5.5 | 8.0 |
| 26 | IA X M2A-ARM"S" X-34657-8-3M-1Y-1M-2Y-0Y | | | 3931.4 | 66.5 | 84.9 | 139.2 | 0.0 | 8.6 | 14.0 |
| 27 | PTR"S"-STR"S" X-31730-A-1Y-1M-1Y-1M-2Y-1Y-0H | | | 4121.5 | 68.1 | 86.3 | 137.3 | 0.0 | 10.8 | 1.0 |
| 28 | PTR"S"-CASTOR"S" X-31731-8Y-3M-1Y-2M-1Y-1Y-0H | | | 3998.0 | 71.7 | 88.9 | 138.8 | 0.0 | 5.4 | 3.1 |
| 29 | PTR"S"-CASTOR"S" X-31731-10Y-1M-2Y-1M-1Y-1Y-0H | | | 3771.3 | 69.4 | 91.2 | 140.9 | 0.0 | 7.1 | 12.7 |
| 30 | PTR"S"-STR"S" X-31730-E-3Y-1M-1Y-1M-0Y | | | 3905.6 | 65.6 | 88.2 | 141.5 | 0.0 | 1.9 | 5.3 |

| VTY | PLNT HT | LODG % | 1000 G.W. | FRST DMGE | SCAB % | EARS /M2 | CHECK MARK | SEP T 0-9 | SEP S 0-9 | SPT B 0-9 | HEL S 0-9 | BYDV 0-9 | L FIR 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ( 28) | ( 4) | ( 9) | ( 1) | ( 3) | ( 1) | ( 23) | ( 2) | ( 4) | ( 1) | ( 6) | ( 2) | ( 1) |
| 1 | 99.2 | 56.0 | 41.2 | 100.0 | 38.0 | 114.0 | 8.7 | 5.5 | 3.5 | 7.0 | 5.0 | 5.5 | 7.0 |
| 2 | 113.4 | 24.5 | 45.2 | 33.0 | 16.5 | 106.0 | 39.1 | 3.5 | 3.0 | 3.0 | 3.4 | 4.0 | 6.0 |
| 3 | 91.9 | 56.0 | 37.9 | 100.0 | 13.0 | 112.0 | 0.0 | 6.0 | 3.5 | 7.0 | 5.8 | 5.5 | 6.0 |
| 4 | 93.0 | 56.0 | 39.8 | 100.0 | 17.7 | 102.0 | 21.7 | 5.5 | 3.5 | 6.0 | 4.7 | 5.0 | 7.0 |
| 5 | 98.5 | 67.0 | 41.0 | 100.0 | 13.0 | 82.0 | 8.7 | 5.0 | 3.5 | 7.0 | 5.8 | 5.0 | 7.0 |
| 6 | 90.0 | 67.0 | 41.9 | 100.0 | 38.0 | 104.0 | 17.4 | 6.0 | 4.3 | 5.0 | 6.0 | 5.0 | 6.0 |
| 7 | 97.5 | 67.0 | 36.8 | 100.0 | 13.0 | 122.0 | 17.4 | 4.0 | 3.8 | 6.0 | 6.0 | 5.5 | 6.0 |
| 8 | 91.0 | 67.0 | 38.9 | 67.0 | 13.0 | 102.0 | 8.7 | 5.0 | 3.8 | 7.0 | 5.8 | 5.5 | 6.0 |
| 9 | 106.9 | 28.5 | 44.5 | 33.0 | 25.0 | 116.0 | 21.7 | 4.0 | 3.3 | 4.0 | 5.3 | 4.0 | 7.0 |
| 10 | 110.7 | 44.0 | 44.7 | 33.0 | 22.5 | 94.0 | 34.8 | 3.5 | 3.3 | 5.0 | 5.0 | 3.5 | 6.0 |
| 11 | 108.5 | ----- | 46.3 | 0.0 | 0.0 | 106.0 | 30.4 | 3.0 | 3.3 | 5.0 | 5.0 | 5.0 | 7.0 |
| 12 | 91.9 | 44.0 | 41.3 | 100.0 | 38.0 | 106.0 | 4.3 | 4.5 | 4.0 | 6.0 | 5.3 | 4.0 | 6.0 |
| 13 | 91.0 | 22.0 | 40.6 | 100.0 | 25.0 | 98.0 | 0.0 | 5.0 | 3.5 | 8.0 | 6.0 | 4.0 | 6.0 |
| 14 | 99.1 | 22.0 | 41.7 | 100.0 | 16.5 | 104.0 | 30.4 | 4.5 | 4.5 | 7.0 | 5.4 | 5.0 | 7.0 |
| 15 | 95.9 | 44.0 | 38.1 | 100.0 | 16.5 | 112.0 | 17.4 | 4.5 | 4.5 | 5.0 | 5.0 | 5.0 | 6.0 |
| 16 | 96.8 | 16.5 | 40.5 | 67.0 | 35.0 | 128.0 | 13.0 | 4.5 | 3.3 | 7.0 | 4.8 | 5.5 | 6.0 |
| 17 | 87.0 | 33.0 | 37.0 | 67.0 | 13.0 | 110.0 | 26.1 | 6.0 | 3.8 | 8.0 | 6.5 | 4.5 | 6.0 |
| 18 | 98.6 | 33.0 | 36.5 | 100.0 | 22.5 | 126.0 | 13.0 | 4.0 | 4.3 | 8.0 | 5.2 | 4.5 | 6.0 |
| 19 | 97.9 | 33.0 | 33.9 | 100.0 | 32.5 | 110.0 | 13.0 | 3.0 | 4.0 | 7.0 | 5.0 | 4.5 | 6.0 |
| 20 | 94.2 | 16.5 | 35.8 | 67.0 | 22.5 | 96.0 | 8.7 | 3.0 | 4.0 | 7.0 | 5.4 | 5.5 | 7.0 |
| 21 | 96.1 | 22.0 | 37.5 | 67.0 | 22.5 | 112.0 | 17.4 | 2.5 | 3.3 | 5.0 | 5.2 | 5.5 | 6.0 |
| 22 | 96.2 | 27.3 | 41.2 | 100.0 | 39.0 | 106.0 | 21.7 | 4.0 | 4.5 | 6.0 | 5.0 | 4.5 | 6.0 |
| 23 | 91.1 | 44.0 | 39.2 | 100.0 | 25.0 | 96.0 | 17.4 | 4.0 | 5.5 | 7.0 | 6.0 | 5.0 | 7.0 |
| 24 | 94.0 | 33.0 | 37.6 | 67.0 | 25.0 | 122.0 | 8.7 | 5.0 | 5.8 | 7.0 | 6.3 | 5.0 | 6.0 |
| 25 | 98.1 | 22.0 | 41.6 | 100.0 | 13.0 | 116.0 | 4.3 | 5.5 | 5.3 | 6.0 | 6.0 | 6.0 | 6.0 |
| 26 | 89.1 | 16.5 | 42.6 | 33.0 | 38.0 | 102.0 | 8.7 | 6.0 | 5.3 | 7.0 | 6.0 | 5.0 | 6.0 |
| 27 | 91.9 | 22.0 | 42.9 | 0.0 | 13.0 | 110.0 | 30.4 | 5.0 | 4.5 | 7.0 | 5.8 | 4.5 | 5.0 |
| 28 | 102.0 | 11.0 | 40.1 | 33.0 | 13.0 | 162.0 | 21.7 | 4.0 | 4.8 | 7.0 | 6.0 | 6.0 | 6.0 |
| 29 | 97.9 | 22.0 | 36.7 | 33.0 | 16.5 | 110.0 | 26.1 | 3.0 | 4.0 | 4.0 | 4.4 | 5.5 | 6.0 |
| 30 | 95.7 | 22.0 | 43.1 | 33.0 | 26.5 | 134.0 | 30.4 | 4.5 | 3.8 | 6.0 | 5.6 | 5.0 | 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 RT H | LEAF RUST | STEM RUST |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | NOBS: | ( 24) | ( 7) | ( 38) | ( 26) | ( 1) | ( 16) | ( 5) |
| 31 | PTR"S"-CASTOR"S"<br>X-31731-8Y-3M-1Y-1M-0Y | | | 3794.8 | 71.0 | 87.0 | 138.6 | 0.0 | 7.2 | 8.0 |
| 32 | PTR"S"-CASTOR"S"<br>X-31731-8Y-3M-1Y-2M-1Y-0Y | | | 3817.1 | 70.6 | 87.1 | 141.3 | 0.0 | 8.1 | 5.8 |
| 33 | PTR"S"-CASTOR"S"<br>X-31731-10Y-1M-1Y-2M-0Y | | | 3814.8 | 69.9 | 86.1 | 141.3 | 0.0 | 21.4 | 14.8 |
| 34 | PTR"S"-CASTOR"S"<br>X-31731-10Y-1M-2Y-0M | | | 3923.3 | 69.8 | 86.3 | 141.4 | 0.0 | 13.9 | 3.0 |
| 35 | PTR"S"-CASTOR"S"<br>X-31731-10Y-1M-2Y-1M-1Y-0Y | | | 4186.8 | 70.1 | 89.6 | 141.4 | 0.0 | 10.8 | 10.7 |
| 36 | PND"S"-ABN<br>X-31785-5Y-1M-1Y-1M-1Y-0Y | | | 3708.5 | 65.5 | 83.2 | 141.5 | 0.0 | 5.6 | 13.0 |
| 37 | RAT"S"<br>X-31976-A-1Y-500M-501Y-500B-503Y 501Y-0M | | | 4088.1 | 67.3 | 86.3 | 138.6 | 0.0 | 1.1 | 6.5 |
| 38 | RAT"S"<br>X-31976-A-1Y-500M-501Y-500B-503Y 504Y-0M | | | 3949.4 | 66.9 | 85.8 | 140.8 | 0.0 | 0.8 | 8.3 |
| 39 | M2A(2)-YE75<br>X-32034-4M-1Y-1M-2Y-0Y | | | 3655.6 | 67.2 | 86.3 | 140.3 | 0.0 | 1.9 | 16.6 |
| 40 | GIRAF"S"<br>X-32636-2Y-3B-1Y-5B-1Y-1B-0Y | | | 4611.5 | 67.2 | 91.1 | 145.0 | 10.0 | 1.8 | 2.5 |
| 41 | GIRAF"S"<br>X-32636-2Y-3B-4Y-3B-6Y-0Y | | | 4269.2 | 66.1 | 91.1 | 145.2 | 5.0 | 3.1 | 0.0 |
| 42 | GIRAF"S"<br>X-32636-2Y-4B-1Y-1B-4Y-1B-0Y | | | 4207.7 | 66.6 | 93.2 | 145.8 | 0.0 | 1.3 | 0.0 |
| 43 | GIRAF"S"<br>X-32636-2Y-4B-2Y-2B-3Y-0Y | | | 4547.1 | 66.8 | 92.6 | 145.8 | 0.0 | 1.0 | 0.0 |
| 44 | MEX64-K564 X M1A/YE"R"<br>X-32972-A-1Y-1M-1Y-1M-1Y-0Y | | | 4497.1 | 68.9 | 91.6 | 141.8 | 0.0 | 6.4 | 0.4 |
| 45 | MEX64-K564 X M1A/YE"R"<br>X-32972-A-1Y-1M-1Y-2M-2Y-0Y | | | 4347.6 | 68.0 | 92.7 | 142.0 | 0.0 | 4.7 | 0.3 |
| 46 | LEMMING"S"<br>X-33208-I-500Y-500M-500Y-503B-503Y-0Y | | | 3841.0 | 67.3 | 88.0 | 142.7 | 0.0 | 5.0 | 18.0 |
| 47 | LEMMING"S"<br>X-33208-I-500Y-505M-500Y-500B-503Y-504Y-0M | | | 3195.1 | 64.7 | 88.1 | 140.4 | 0.0 | 1.0 | 0.0 |
| 48 | MISI X IA-IRA/168.3-BGL"S"<br>X-33312-C-1Y-1M-1Y-1M-2Y-0Y | | | 3834.6 | 68.5 | 86.4 | 139.0 | 0.0 | 18.1 | 0.7 |
| 49 | W74.103-ADX/BGL"S"-M2A X IRA<br>X-33470-C-1Y-3M-2Y-2M-0Y | | | 3794.7 | 70.6 | 90.2 | 144.3 | 0.0 | 21.6 | 0.0 |
| 50 | LOCAL CHECK | | | 4333.5 | 65.0 | 87.8 | 143.4 | ----- | 29.0 | 15.5 |
| 51 | STR-PND"S"<br>X-34530-110H-1Y-1M-1Y-0Y | | | 3540.5 | 68.8 | 89.6 | 139.5 | 0.0 | 6.6 | 7.6 |
| 52 | STR-PND"S"<br>X-34530-564H-1Y-1M-1Y-0Y | | | 3471.3 | 71.2 | 85.3 | 137.8 | 0.0 | 6.5 | 20.0 |
| 53 | BCM"S" X IA-BUSH<br>X-34590-9Y-1M-1Y-0Y | | | 4414.9 | 68.0 | 88.1 | 140.6 | 0.0 | 14.4 | 13.0 |
| 54 | BCM"S" X IA-BUSH<br>X-34590-9Y-1M-2Y-0Y | | | 3983.8 | 68.5 | 88.6 | 140.2 | 0.0 | 14.4 | 15.1 |
| 55 | CASTOR"S" X IRA-CAL<br>X-34727-1M-1Y-1M-1Y-1Y-0H | | | 4236.8 | 68.2 | 88.9 | 141.3 | 0.0 | 2.3 | 1.0 |
| 56 | PTR"S"-GZL"S"<br>X-34819-11M-1Y-1M-0Y | | | 3699.2 | 68.6 | 82.8 | 139.7 | 0.0 | 6.4 | 0.3 |
| 57 | PTR"S"-GZL"S"<br>X-34819-500M-501Y-500B-500Y-503Y 0M | | | 3461.1 | 70.4 | 81.8 | 139.6 | 0.0 | 5.4 | 0.3 |

| VTY | PLNT HT | LODG % | 1000 G.W. | FRST DMGE | SCAB % | EARS /M2 | CHECK MARK | SEP T 0-9 | SEP S 0-9 | SPT B 0-9 | HEL S 0-9 | BYDV 0-9 | L FIR 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ( 28) | ( 4) | ( 9) | ( 1) | ( 3) | ( 1) | ( 23) | ( 2) | ( 4) | ( 1) | ( 6) | ( 2) | ( 1) |
| 31 | 97.9 | 22.0 | 40.0 | 67.0 | 13.0 | 150.0 | 13.0 | 4.5 | 3.8 | 7.0 | 6.3 | 5.5 | 5.0 |
| 32 | 101.2 | 22.0 | 39.4 | 33.0 | 13.0 | 140.0 | 21.7 | 3.0 | 4.3 | 7.0 | 6.0 | 6.0 | 6.0 |
| 33 | 94.3 | 33.0 | 43.6 | 67.0 | 25.0 | 186.0 | 8.7 | 3.5 | 4.0 | 8.0 | 5.8 | 5.5 | 7.0 |
| 34 | 95.1 | 22.0 | 43.0 | 67.0 | 22.5 | 126.0 | 26.1 | 4.0 | 4.5 | 6.0 | 4.6 | 4.5 | 6.0 |
| 35 | 99.2 | 44.0 | 39.0 | 67.0 | 16.5 | 136.0 | 26.1 | 3.0 | 3.5 | 6.0 | 4.8 | 5.0 | 5.0 |
| 36 | 85.9 | 22.0 | 36.5 | 100.0 | 25.0 | 102.0 | 0.0 | 5.0 | 4.5 | 7.0 | 6.5 | 4.5 | 6.0 |
| 37 | 89.6 | 22.0 | 42.4 | 100.0 | 0.0 | 144.0 | 17.4 | 4.0 | 4.3 | 8.0 | 5.8 | 4.5 | 6.0 |
| 38 | 89.9 | 22.0 | 44.0 | 100.0 | 0.0 | 128.0 | 17.4 | 4.5 | 4.5 | 8.0 | 5.8 | 4.0 | 6.0 |
| 39 | 99.7 | 44.0 | 42.9 | 67.0 | 13.0 | 110.0 | 8.7 | 6.0 | 3.8 | 7.0 | 6.0 | 5.5 | 7.0 |
| 40 | 104.5 | 56.0 | 48.6 | 0.0 | 0.0 | 132.0 | 30.4 | 3.5 | 3.8 | 5.0 | 5.3 | 4.5 | 5.0 |
| 41 | 104.6 | 56.0 | 47.2 | 33.0 | 0.0 | 150.0 | 26.1 | 3.5 | 3.0 | 6.0 | 5.8 | 4.5 | 5.0 |
| 42 | 106.1 | 44.0 | 45.1 | 0.0 | 0.0 | 114.0 | 34.8 | 3.0 | 3.5 | 6.0 | 4.8 | 5.0 | 6.0 |
| 43 | 105.6 | 44.0 | 43.1 | 33.0 | 0.0 | 106.0 | 21.7 | 3.0 | 3.3 | 7.0 | 5.3 | 5.0 | 6.0 |
| 44 | 97.8 | 16.5 | 42.6 | 33.0 | 22.5 | 148.0 | 26.1 | 4.5 | 3.5 | 6.0 | 4.8 | 5.5 | 7.0 |
| 45 | 98.0 | 22.0 | 40.0 | 33.0 | 22.5 | 98.0 | 21.7 | 4.0 | 4.0 | 8.0 | 5.4 | 5.5 | 6.0 |
| 46 | 92.0 | 22.0 | 39.9 | 33.0 | 29.0 | 118.0 | 21.7 | 3.5 | 3.3 | 6.0 | 5.2 | 5.0 | 7.0 |
| 47 | 72.4 | 22.0 | 32.8 | 33.0 | 13.0 | 144.0 | 4.3 | 6.0 | 5.5 | 8.0 | 5.8 | 4.5 | 7.0 |
| 48 | 87.3 | 11.0 | 37.7 | 33.0 | 13.0 | 124.0 | 13.0 | 5.0 | 3.8 | 7.0 | 5.8 | 5.5 | 6.0 |
| 49 | 107.0 | 33.0 | 43.3 | 67.0 | 25.0 | 116.0 | 39.1 | 3.0 | 3.3 | 2.0 | 5.5 | 3.5 | 7.0 |
| 50 | 103.4 | 33.0 | 40.8 | 0.0 | 10.0 | 96.0 | 17.4 | 4.0 | 5.0 | 6.0 | 5.3 | 4.5 | ------ |
| 51 | 93.1 | 16.5 | 36.7 | 67.0 | 0.0 | 122.0 | 21.7 | 4.5 | 4.0 | 4.0 | 5.3 | 5.0 | 6.0 |
| 52 | 94.3 | 22.0 | 40.7 | 100.0 | 0.0 | 118.0 | 13.0 | 5.0 | 4.8 | 5.0 | 5.3 | 4.0 | 6.0 |
| 53 | 90.9 | 33.0 | 40.7 | 67.0 | 13.0 | 132.0 | 17.4 | 3.0 | 3.8 | 3.0 | 5.5 | 4.5 | 7.0 |
| 54 | 91.1 | 33.0 | 39.6 | 100.0 | 24.3 | 130.0 | 17.4 | 3.0 | 4.3 | 6.0 | 4.3 | 4.5 | 6.0 |
| 55 | 95.3 | 22.0 | 45.3 | 100.0 | 16.5 | 104.0 | 21.7 | 3.0 | 3.5 | 2.0 | 5.2 | 5.5 | 6.0 |
| 56 | 88.5 | 22.0 | 44.6 | 100.0 | 38.0 | 114.0 | 8.7 | 5.5 | 4.3 | 7.0 | 6.3 | 4.5 | 5.0 |
| 57 | 86.7 | 22.0 | 42.1 | 100.0 | 38.0 | 110.0 | 8.7 | 5.0 | 3.8 | 8.0 | 6.3 | 4.5 | 6.0 |

## Table 2 (con't.).

| VTY NO. | VARIETY OR CROSS AND PEDIGREE | GRAIN | ORIGIN | YIELD KG/HA | TEST WT | FLOW DAYS | MAT DAYS | STRP RT. H | LEAF RUST | STEM RUST |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | NOBS: | ( 24) | ( 7) | ( 38) | ( 26) | ( 1) | ( 16) | ( 5) |
| 58 | PTR"S"-M1A<br>X-34824-501M-500Y-501B-503Y-501Y<br>OM | | | 3771.1 | 69.4 | 84.9 | 139.8 | 0.0 | 1.2 | 5.3 |
| 59 | PTR"S"-M1A<br>X-34824-501M-500Y-501B-503Y-507Y<br>OM | | | 3868.5 | 68.7 | 89.4 | 143.1 | 0.0 | 0.8 | 7.8 |
| 60 | PTR"S"-M1A<br>X-34824-501M-500Y-504B-500Y-501Y<br>OM | | | 4127.5 | 71.1 | 88.9 | 143.1 | 0.0 | 1.3 | 9.0 |
| 61 | PTR"S"-M1A<br>X-34824-501M-500Y-504B-504Y-501Y<br>OM | | | 3495.9 | 69.9 | 88.9 | 142.8 | 0.0 | 1.4 | 36.3 |
| 62 | PTR"S"-M1A<br>X-34824-501M-500Y-505B-500Y-502Y<br>OM | | | 3821.2 | 68.3 | 88.5 | 140.4 | 0.0 | 1.4 | 19.5 |
| 63 | PTR"S"-M1A<br>X-34824-501M-500Y-509B-500Y-506Y<br>OM | | | 3481.0 | 67.1 | 87.1 | 139.0 | 0.0 | 0.9 | 2.8 |
| 64 | ABN"R"-M1A<br>X-35414-D-1M-1Y-2M-0Y | | | 4205.3 | 68.1 | 85.8 | 141.1 | 0.0 | 2.0 | 2.5 |
| 65 | BGL"S" X IRA-BGL"S"/FS 477<br>X-35633-500H-502Y-506B-500Y-0Y | | | 3352.4 | 66.4 | 86.4 | 139.0 | 0.0 | 31.3 | 6.6 |
| 66 | Z4 | | | 4907.6 | 66.9 | 85.7 | 140.2 | 0.0 | 14.5 | 7.5 |
| 67 | PND"S"-CASTOR"S"<br>X-35781-30H-2Y-1M-1Y-1Y-0H | | | 4063.3 | 70.4 | 90.2 | 139.9 | 0.0 | 1.8 | 4.5 |
| 68 | PND"S"-CASTOR"S"<br>X-35781-82H-1Y-1M-1Y-1Y-0H | | | 4956.1 | 67.4 | 86.4 | 139.3 | 0.0 | 10.6 | 9.0 |
| 69 | PND"S"-CASTOR"S"<br>X-35781-121H-3Y-1M-3Y-2Y-0H | | | 3850.7 | 70.9 | 87.9 | 137.3 | 0.0 | 12.0 | 11.0 |
| 70 | PND"S"-CASTOR"S"<br>X-35781-182H-1Y-2M-1Y-0Y | | | 4378.7 | 71.7 | 87.8 | 139.3 | 0.0 | 20.7 | 23.0 |
| 71 | PND"S"-CASTOR"S"<br>X-35781-193H-3Y-1M-1Y-0Y | | | 3051.5 | 70.4 | 83.7 | 134.8 | 0.0 | 2.7 | 6.5 |
| 72 | PND"S"-CASTOR"S"<br>X-35781-241H-1Y-1M-1Y-1Y-0H | | | 4291.0 | 70.4 | 88.2 | 139.8 | 0.0 | 3.5 | 11.0 |
| 73 | PND"S"-CASTOR"S"<br>X-35781-497H-2Y-3M-3Y-0Y | | | 4084.4 | 67.7 | 87.5 | 138.3 | 0.0 | 15.1 | 20.5 |
| 74 | PND"S"-LNC<br>X-35786-658H-1Y-1M-1Y-2Y-0H | | | 3842.8 | 68.9 | 87.2 | 137.8 | 0.0 | 7.6 | 22.1 |
| 75 | BEAGLE | | | 4256.0 | 63.8 | 88.2 | 144.0 | 0.0 | 18.4 | 33.5 |
| 76 | PND"S"-LNC<br>X-35786-658H-1Y-1M-1Y-3Y-0H | | | 3814.0 | 72.3 | 85.9 | 138.0 | 0.0 | 4.7 | 22.2 |
| 77 | PND"S"-LNC<br>X-35786-717H-1Y-2M-1Y-0Y | | | 3415.2 | 70.9 | 88.2 | 138.3 | 0.0 | 0.5 | 18.5 |
| 78 | PND"S"-ADX"S"<br>X-35905-423H-2Y-1M-1Y-1Y-0H | | | 3430.4 | 71.3 | 85.4 | 137.0 | 0.0 | 11.5 | 5.1 |
| 79 | PND"S"-ADX"S"<br>X-35905-423H-2Y-1M-1Y-2Y-0H | | | 3539.5 | 70.6 | 85.0 | 137.1 | 0.0 | 9.6 | 0.3 |
| 80 | M2A-FS722 X MPE"R"<br>X-36044-1M-1Y-1M-0Y | | | 3593.8 | 69.6 | 84.1 | 137.8 | 0.0 | 16.9 | 10.0 |
| 81 | RM X BGL"S"-M2A/BCM"S"<br>X-36135-7M-1Y-1M-0Y | | | 4182.0 | 69.4 | 87.5 | 139.3 | 0.0 | 8.6 | 15.5 |
| 82 | IRA-M1A<br>X-36445-16M-1Y-1M-0Y | | | 4029.4 | 69.8 | 83.5 | 139.6 | 0.0 | 21.3 | 12.0 |
| 83 | PTR"S"-M1A<br>X-36471-22M-2Y-1M-1Y-0Y | | | 3831.1 | 70.2 | 84.3 | 137.6 | 0.0 | 0.8 | 11.0 |
| 84 | PTR"S"-M1A<br>X-36471-22M-2Y-1M-2Y-2Y-0H | | | 4070.2 | 71.2 | 84.9 | 138.1 | 0.0 | 0.9 | 15.1 |

| VTY | PLNT HT | LODG % | 1000 G.W. | FRST DMGE | SCAB % | EARS /M2 | CHECK MARK | SEP T 0-9 | SEP S 0-9 | SPT B 0-9 | HEL S 0-9 | BYDV 0-9 | L FIR 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ( 28) | ( 4) | ( 9) | ( 1) | ( 3) | ( 1) | ( 23) | ( 2) | ( 4) | ( 1) | ( 6) | ( 2) | ( 1) |
| 58 | 91.2 | 22.0 | 42.6 | 100.0 | 13.0 | 114.0 | 17.4 | 5.0 | 3.8 | 6.0 | 5.5 | 5.0 | 6.0 |
| 59 | 93.8 | 22.0 | 43.3 | 67.0 | 22.5 | 118.0 | 26.1 | 3.5 | 3.8 | 7.0 | 4.3 | 5.0 | 7.0 |
| 60 | 91.4 | 16.5 | 43.6 | 67.0 | 30.0 | 124.0 | 21.7 | 4.0 | 4.8 | 7.0 | 5.0 | 4.5 | 6.0 |
| 61 | 90.7 | 33.0 | 43.2 | 33.0 | 29.0 | 108.0 | 13.0 | 4.5 | 5.0 | 6.0 | 5.4 | 4.5 | 6.0 |
| 62 | 91.7 | 33.0 | 40.9 | 67.0 | 22.5 | 100.0 | 13.0 | 4.5 | 5.3 | 6.0 | 5.6 | 5.5 | 7.0 |
| 63 | 96.0 | 42.0 | 41.8 | 67.0 | 50.0 | 120.0 | 0.0 | 4.0 | 3.5 | 7.0 | 5.8 | 5.0 | 6.0 |
| 64 | 92.7 | 27.0 | 36.8 | 33.0 | 0.0 | 92.0 | 21.7 | 5.0 | 4.8 | 8.0 | 5.8 | 5.0 | 7.0 |
| 65 | 87.3 | 33.0 | 41.2 | 67.0 | 63.0 | 120.0 | 0.0 | 6.0 | 4.0 | 6.0 | 5.0 | 5.0 | 6.0 |
| 66 | 111.6 | 48.0 | 47.3 | 67.0 | 38.0 | 140.0 | 56.5 | 5.0 | 3.3 | 4.0 | 5.5 | 3.0 | 4.0 |
| 67 | 96.5 | 23.3 | 35.2 | 67.0 | 20.0 | 204.0 | 34.8 | 3.0 | 3.3 | 6.0 | 4.8 | 5.0 | 6.0 |
| 68 | 96.5 | 44.0 | 39.7 | 100.0 | 25.0 | 166.0 | 21.7 | 4.5 | 4.0 | 7.0 | 6.0 | 5.0 | 7.0 |
| 69 | 93.6 | 22.0 | 37.4 | 67.0 | 22.5 | 196.0 | 13.0 | 4.5 | 4.3 | 8.0 | 5.6 | 4.5 | 6.0 |
| 70 | 101.4 | 44.0 | 44.7 | 67.0 | 16.5 | 148.0 | 30.4 | 6.0 | 4.0 | 6.0 | 5.3 | 5.0 | 6.0 |
| 71 | 92.3 | 56.0 | 41.6 | 100.0 | 25.0 | 128.0 | 4.3 | 7.5 | 5.3 | 9.0 | 6.3 | 5.5 | 6.0 |
| 72 | 99.7 | 22.0 | 40.9 | 100.0 | 25.0 | 140.0 | 21.7 | 4.0 | 5.0 | 7.0 | 5.5 | 5.5 | 7.0 |
| 73 | 96.0 | 33.0 | 36.9 | 67.0 | 25.0 | 132.0 | 0.0 | 5.0 | 4.5 | 7.0 | 5.5 | 5.0 | 6.0 |
| 74 | 91.9 | 33.0 | 37.8 | 67.0 | 13.0 | 150.0 | 17.4 | 4.0 | 3.8 | 7.0 | 6.0 | 5.5 | 6.0 |
| 75 | 112.6 | 19.0 | 45.1 | 33.0 | 25.0 | 112.0 | 13.0 | 4.0 | 3.3 | 7.0 | 5.3 | 4.5 | 5.0 |
| 76 | 89.4 | 22.0 | 40.3 | 100.0 | 13.0 | 138.0 | 21.7 | 6.5 | 3.5 | 8.0 | 5.8 | 5.5 | 6.0 |
| 77 | 91.5 | 33.0 | 35.1 | 67.0 | 16.5 | 128.0 | 17.4 | 5.0 | 4.0 | 5.0 | 5.2 | 6.5 | 7.0 |
| 78 | 92.9 | 33.0 | 41.1 | 67.0 | 63.0 | 112.0 | 8.7 | 6.0 | 4.3 | 7.0 | 6.0 | 6.0 | 6.0 |
| 79 | 93.2 | 33.0 | 39.0 | 67.0 | 63.0 | 94.0 | 4.3 | 6.0 | 5.3 | 7.0 | 6.0 | 5.5 | 6.0 |
| 80 | 90.5 | 33.0 | 39.9 | 100.0 | 25.0 | 166.0 | 4.3 | 6.5 | 5.0 | 7.0 | 7.8 | 6.0 | 7.0 |
| 81 | 97.3 | 33.0 | 42.8 | 67.0 | 21.7 | 150.0 | 17.4 | 4.0 | 3.5 | 5.0 | 5.5 | 7.0 | 6.0 |
| 82 | 92.9 | 33.0 | 37.6 | 67.0 | 10.0 | 140.0 | 13.0 | 5.0 | 4.0 | 8.0 | 5.6 | 6.0 | 7.0 |
| 83 | 85.9 | 33.0 | 37.0 | 67.0 | 63.0 | 110.0 | 8.7 | 5.5 | 3.3 | 8.0 | 6.0 | 4.5 | 6.0 |
| 84 | 89.1 | 22.0 | 41.5 | 67.0 | 13.0 | 168.0 | 8.7 | 4.5 | 4.5 | 7.0 | 5.8 | 4.0 | 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 H | LEAF RUST | STEM RUST |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | NOBS: | ( 24) | ( 7) | ( 38) | ( 26) | ( 1) | ( 16) | ( 5) |
| 85 | PND"S"-RM<br>X-36517-558H-1Y-1M-1Y-0Y | | | 3720.7 | 69.5 | 89.9 | 140.2 | 0.0 | 4.0 | 16.0 |
| 86 | PND"S"-RM<br>X-36517-782H-3Y-1M-1Y-0Y | | | 3706.1 | 68.2 | 84.6 | 140.8 | 0.0 | 5.1 | 15.1 |
| 87 | PND"S"-RM<br>X-36517-782H-3Y-1M-2Y-2Y-0H | | | 3442.5 | 67.7 | 84.3 | 140.3 | 0.0 | 6.5 | 13.3 |
| 88 | BTA"S"-LNC<br>X-36535-2H-2Y-1M-2Y-0Y | | | 4259.0 | 68.8 | 90.5 | 142.9 | 0.0 | 2.3 | 5.0 |
| 89 | IRA-CAL X BCM<br>X-37314-9M-1Y-1M-1Y-0Y | | | 3623.1 | 67.4 | 88.1 | 138.5 | 0.0 | 0.3 | 0.9 |
| 90 | Z.9 | | | 4402.8 | 70.6 | 85.8 | 139.1 | 0.0 | 16.1 | 5.5 |
| 91 | PG"S"-CENT.BULK X ABN/MPE<br>X-38714-45M-5Y-1Y-0H | | | 3922.0 | 66.2 | 88.9 | 140.2 | 0.0 | 6.6 | 2.0 |
| 92 | PTR"S"-M1A<br>X-38824-501M-500Y-504B-500Y-504Y<br>0M | | | 3773.6 | 69.5 | 87.4 | 140.2 | 0.0 | 1.5 | 11.0 |
| 93 | PTR"S"-M1A<br>X-38824-501M-500Y-504B-500Y-505Y<br>0M | | | 3792.6 | 69.6 | 89.5 | 141.4 | 0.0 | 1.4 | 11.6 |
| 94 | PND"S"-LNC<br>X-39243-3Y-1M-1Y-0Y | | | 3502.8 | 67.8 | 83.3 | 137.4 | 0.0 | 1.4 | 9.2 |
| 95 | PND"S"-OPR<br>X-39253-21Y-1M-4Y-0Y | | | 4007.2 | 70.8 | 84.7 | 137.4 | 0.0 | 1.0 | 11.0 |
| 96 | PND"S"-M1A<br>X-39246-11Y-2M-1Y-0Y | | | 3279.9 | 69.3 | 86.2 | 137.0 | 0.0 | 1.3 | 12.0 |
| 97 | MSF"S"-FAWN"S"<br>X-39335-2Y-2M-1Y-0Y | | | 3806.3 | 68.7 | 83.8 | 136.7 | 0.0 | 0.5 | 9.5 |
| 98 | FS477-CASTOR"S"<br>X-39461-14Y-2M-2Y-0Y | | | 3687.3 | 67.5 | 82.9 | 136.4 | 0.0 | 2.1 | 8.0 |
| 99 | PTR"S" X CIN-FS658<br>X-39595-4Y-2M-2Y-0Y | | | 4067.4 | 69.4 | 85.5 | 138.2 | 0.0 | 0.9 | 1.3 |
| 100 | CABORCA 79 (TCL) | | | 4005.0 | 67.0 | 86.6 | 137.9 | 0.0 | 3.8 | 9.0 |
| 101 | PAVON 76 (HARI) | | | 3439.2 | 77.3 | 87.0 | 138.2 | 0.0 | 17.1 | 12.5 |
| 102 | PTR"S" X CIN-FS658<br>X-39597-4Y-2M-1Y-2Y-0H | | | 3798.1 | 70.0 | 87.3 | 139.6 | 0.0 | 3.9 | 0.8 |
| 103 | PTR"S"-PND"S"<br>X-39599-7Y-1M-1Y-2Y-0H | | | 3973.0 | 69.9 | 87.6 | 138.0 | 0.0 | 1.6 | 0.3 |
| 104 | IRA-CAL X PTR"S"<br>X-39609-6Y-1M-1Y-0Y | | | 3921.6 | 66.4 | 87.8 | 140.3 | 0.0 | 0.3 | 0.3 |
| 105 | CML"S"-KAL X IA-IRA<br>X-39651-1Y-1M-2Y-1Y-0H | | | 3091.1 | 70.1 | 85.8 | 136.2 | 0.0 | 5.9 | 2.8 |
| 106 | PG"S"-CENT.BULK X ABN/IRA-CML<br>X-39697-7Y-1M-2Y-0Y | | | 5029.7 | 68.4 | 92.8 | 144.0 | 0.0 | 11.9 | 22.8 |
| 107 | PTR"S"-MA106<br>X-39860-2Y-7M-1Y-0Y | | | 3854.6 | 67.6 | 86.2 | 141.1 | 0.0 | 8.5 | 2.3 |
| 108 | PTR"S"-MA106<br>X-39860-7Y-1M-2Y-2Y-0H | | | 3456.2 | 68.4 | 86.1 | 140.9 | 0.0 | 0.4 | 0.0 |
| 109 | PTR"S"-MA106<br>X-39860-7Y-1M-3Y-0Y | | | 4050.8 | 69.1 | 83.9 | 137.1 | 0.0 | 0.5 | 0.2 |
| 110 | PTR"S"-MA106<br>X-39860-7Y-1M-3Y-2Y-0H | | | 3974.4 | 67.4 | 85.6 | 137.9 | 0.0 | 0.8 | 0.1 |
| 111 | PTR"S"-MA106<br>X-39860-7Y-2M-2Y-0Y | | | 4117.9 | 69.5 | 87.5 | 142.7 | 0.0 | 0.4 | 0.3 |
| 112 | PTR"S"-MA106<br>X-39860-7Y-2M-3Y-2Y-0H | | | 4344.1 | 68.2 | 85.1 | 139.7 | 0.0 | 0.4 | 0.0 |
| 113 | PTR"S"-MA106<br>X-39860-7Y-3M-1Y-2Y-0H | | | 3830.0 | 68.6 | 86.6 | 138.7 | 0.0 | 1.5 | 0.0 |

| VTY | PLNT HT | LODG % | 1000 G.W. | FRST DMGE | SCAB % | EARS /M2 | CHECK MARK | SEP T 0-9 | SEP S 0-9 | SPT B 0-9 | HEL S 0-9 | BYDV 0-9 | L FIR 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ( 28) | ( 4) | ( 9) | ( 1) | ( 3) | ( 1) | ( 23) | ( 2) | ( 4) | ( 1) | ( 6) | ( 2) | ( 1) |
| 85 | 93.1 | 33.0 | 35.8 | 33.0 | 42.5 | 118.0 | 30.4 | 4.0 | 4.0 | 6.0 | 5.6 | 5.5 | 7.0 |
| 86 | 89.6 | 67.0 | 39.0 | 67.0 | 13.0 | 142.0 | 8.7 | 5.0 | 4.5 | 7.0 | 5.8 | 5.0 | 6.0 |
| 87 | 87.9 | 67.0 | 37.8 | 67.0 | 13.0 | 96.0 | 8.7 | 6.0 | 4.0 | 8.0 | 6.0 | 5.5 | 7.0 |
| 88 | 113.9 | 52.7 | 49.9 | 0.0 | 0.0 | 140.0 | 30.4 | 4.0 | 3.5 | 4.0 | 5.5 | 4.0 | 6.0 |
| 89 | 94.1 | 56.0 | 41.4 | 67.0 | 41.5 | 136.0 | 17.4 | 4.0 | 3.8 | 6.0 | 4.6 | 6.0 | 6.0 |
| 90 | 108.6 | 56.0 | 50.2 | 67.0 | 25.0 | 112.0 | 34.8 | 3.5 | 3.5 | 6.0 | 5.5 | 3.0 | 7.0 |
| 91 | 88.7 | 56.0 | 41.6 | 67.0 | 13.0 | 140.0 | 17.4 | 5.5 | 4.5 | 8.0 | 6.0 | 6.0 | 6.0 |
| 92 | 91.6 | 56.0 | 42.7 | 67.0 | 16.5 | 142.0 | 17.4 | 5.5 | 5.0 | 7.0 | 5.2 | 6.0 | 6.0 |
| 93 | 90.6 | 56.0 | 43.2 | 67.0 | 29.0 | 136.0 | 13.0 | 4.0 | 4.5 | 6.0 | 4.8 | 6.0 | 7.0 |
| 94 | 88.6 | 56.0 | 39.3 | 67.0 | 13.0 | 150.0 | 0.0 | 6.0 | 4.3 | 8.0 | 6.8 | 6.0 | 6.0 |
| 95 | 89.3 | 56.0 | 42.1 | 67.0 | 25.0 | 106.0 | 26.1 | 5.0 | 4.3 | 8.0 | 6.3 | 5.5 | 6.0 |
| 96 | 98.3 | 44.0 | 39.4 | 67.0 | 25.0 | 122.0 | 4.3 | 6.0 | 5.3 | 8.0 | 6.5 | 6.5 | 6.0 |
| 97 | 102.2 | 44.0 | 38.7 | 100.0 | 50.0 | 138.0 | 13.0 | 6.0 | 5.0 | 8.0 | 6.5 | 5.5 | 7.0 |
| 98 | 95.7 | 44.0 | 46.3 | 100.0 | 13.0 | 135.0 | 4.3 | 5.5 | 4.8 | 8.0 | 6.3 | 6.0 | 6.0 |
| 99 | 91.0 | 44.0 | 43.4 | 100.0 | 38.0 | 146.0 | 8.7 | 6.0 | 3.5 | 6.0 | 6.0 | 5.0 | 7.0 |
| 100 | 93.0 | 56.0 | 38.1 | 100.0 | 0.0 | 120.0 | 4.3 | 5.0 | 4.3 | 8.0 | 6.8 | 4.5 | 6.0 |
| 101 | 86.5 | 33.0 | 38.6 | 33.0 | 50.0 | 128.0 | 0.0 | 5.5 | 4.3 | 9.0 | 5.3 | 6.0 | 7.0 |
| 102 | 89.5 | 16.5 | 41.0 | 67.0 | 13.0 | 134.0 | 47.8 | 5.0 | 4.3 | 8.0 | 6.5 | 5.0 | 7.0 |
| 103 | 89.5 | 33.0 | 39.1 | 67.0 | 16.5 | 146.0 | 26.1 | 5.5 | 3.8 | 8.0 | 6.0 | 5.0 | 6.0 |
| 104 | 84.7 | 33.0 | 39.7 | 100.0 | 24.3 | 134.0 | 17.4 | 5.0 | 3.8 | 7.0 | 4.8 | 5.0 | 6.0 |
| 105 | 89.3 | 33.0 | 38.4 | 100.0 | 13.0 | 136.0 | 8.7 | 7.5 | 5.8 | 9.0 | 6.5 | 5.5 | 5.0 |
| 106 | 111.9 | 56.0 | 48.3 | 33.0 | 0.0 | 106.0 | 52.2 | 3.0 | 2.8 | 2.0 | 4.8 | 3.5 | 5.0 |
| 107 | 85.8 | 56.0 | 41.7 | 100.0 | 13.0 | 144.0 | 8.7 | 7.0 | 3.8 | 8.0 | 6.0 | 5.0 | 6.0 |
| 108 | 78.6 | 33.0 | 35.5 | 67.0 | 16.5 | 160.0 | 8.7 | 6.0 | 4.3 | 8.0 | 5.4 | 4.5 | 6.0 |
| 109 | 81.5 | 16.5 | 38.8 | 67.0 | 36.5 | 120.0 | 30.4 | 7.5 | 4.0 | 8.0 | 5.6 | 5.0 | 7.0 |
| 110 | 82.7 | 33.0 | 37.0 | 100.0 | 0.0 | 130.0 | 8.7 | 7.0 | 3.5 | 7.0 | 5.7 | 5.5 | 6.0 |
| 111 | 84.6 | 33.0 | 39.0 | 100.0 | 16.5 | 140.0 | 13.0 | 6.5 | 3.3 | 8.0 | 6.0 | 4.5 | 6.0 |
| 112 | 86.7 | 22.0 | 39.7 | 67.0 | 26.5 | 124.0 | 26.1 | 6.5 | 3.3 | 6.0 | 5.6 | 4.5 | 6.0 |
| 113 | 91.9 | 20.0 | 36.4 | 100.0 | 13.0 | 94.0 | 26.1 | 6.0 | 3.5 | 6.0 | 5.8 | 4.5 | 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. H | LEAF RUST | STEM RUST |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | NOBS: | ( 24) | ( 7) | ( 38) | ( 26) | ( 1) | ( 16) | ( 5) |
| 114 | PTR"S"-MA106<br>X-39860-7Y-3M-1Y-0Y | | | 3787.1 | 68.9 | 87.2 | 142.0 | 0.0 | 1.9 | 0.6 |
| 115 | PTR"S" X IGA-IRA<br>X-39862-3Y-1M-1Y-1Y-0H | | | 3542.1 | 70.2 | 89.2 | 141.2 | 0.0 | 1.7 | 0.0 |
| 116 | FAWN-M1A<br>X-38864-16Y-2M-1Y-0Y | | | 3999.1 | 70.5 | 85.5 | 136.4 | 0.0 | 1.8 | 7.6 |
| 117 | CHA-CHAPALA X SPY/TERRIER<br>X-40120-BY-1M-2Y-0Y | | | 3674.3 | 67.9 | 87.2 | 138.4 | 0.0 | 14.1 | 1.9 |
| 118 | (KLA X OCTO-HEXA/IRA-CAL)M1A<br>X-40912-J-1Y-1M-1Y-0Y | | | 3584.2 | 71.2 | 84.0 | 137.4 | 0.0 | 5.8 | 10.4 |
| 119 | M2A-CIN X M1A/PO"S"-CENT. BULK X ABN<br>X-40933-D-1Y-3M-1Y-0Y | | | 3755.3 | 69.6 | 85.9 | 136.6 | 0.0 | 0.6 | 4.2 |
| 120 | PTR"S" X OCTO BULK-ARS/CASTOR"S"<br>X-40941-T-1Y-1M-1Y-0Y | | | 3802.2 | 67.5 | 86.9 | 137.8 | 0.0 | 9.8 | 0.0 |
| 121 | M2A X IRA-CAL/IGA<br>X-40994-AB-1Y-1M-2Y-1Y-0H | | | 3869.7 | 69.5 | 88.0 | 139.3 | 0.0 | 0.1 | 6.7 |
| 122 | M2A X IRA-CAL/IGA<br>X-40994-V-1Y-2M-1Y-0Y | | | 3678.4 | 70.0 | 85.5 | 138.0 | 0.0 | 0.3 | 6.7 |
| 123 | M2A-CIN X IRA-CML/IGA<br>X-41021-G-1Y-2M-2Y-0Y | | | 3249.7 | 69.0 | 84.3 | 137.5 | 0.0 | 8.0 | 0.0 |
| 124 | M2A(2)-1A X MPE"S"-M2A<br>X-41033-K-2Y-2M-1Y-0Y | | | 3691.2 | 67.0 | 84.6 | 138.7 | 0.0 | 12.8 | 5.0 |
| 125 | CANANEA 79 (TCL) | | | 3915.7 | 63.8 | 85.7 | 137.2 | 0.0 | 6.1 | 5.1 |
| 126 | BCM"S" X M2A-IRA/FS1897 X IRA-CAL<br>X-41047-A-1Y-2M-1Y-3Y-0H | | | 3709.8 | 71.7 | 85.3 | 138.6 | 0.0 | 1.7 | 15.1 |
| 127 | BCM"S" X M2A-IRA/FS1897 X IRA-CAL<br>X-41047-A-1Y-2M-1Y-2Y-0H | | | 3845.8 | 72.0 | 84.4 | 139.1 | 0.0 | 0.5 | 16.7 |
| 128 | M2A-CIN X ABN/CASTOR"S"-DACH<br>X-41061-A-1Y-1M-2Y-0Y | | | 3262.9 | 68.7 | 84.3 | 141.2 | 0.0 | 2.3 | 0.7 |
| 129 | M2A(2) X IRA-CAL/M2A-FS722 X BCM"S"<br>X-41250-V-1Y-2M-1Y-0Y | | | 3329.4 | 67.5 | 85.9 | 140.8 | 0.0 | 3.0 | 5.0 |
| 130 | IRA(2) X M2A-CML/IA-TERRIER<br>X-41312-H-1Y-1M-1Y-0Y | | | 4251.5 | 68.8 | 85.5 | 140.3 | 0.0 | 3.4 | 15.6 |
| 131 | BTA"S"-YO"R" X M1A-M2A(2)<br>X-41441-C-2Y-6M-1Y-0Y | | | 4422.1 | 67.3 | 86.6 | 140.3 | 0.0 | 4.5 | 1.0 |
| 132 | M2A-IRA X TRR"R"<br>X-44407-1M-1Y-2Y-0H | | | 3468.9 | 67.8 | 85.7 | 140.1 | 0.0 | 1.2 | 15.0 |
| 133 | CML-M2A X PTR"S"<br>X-45306-6M-1Y-2Y-0H | | | 4337.0 | 67.2 | 86.1 | 142.3 | 0.0 | 5.5 | 1.4 |
| 134 | WELSH X KAL-BB<br>X-46937-2B-3Y-1B-0Y | | | 4079.7 | 66.5 | 87.9 | 141.7 | 0.0 | 1.0 | 20.1 |
| 135 | WELSH X KAL-BB<br>X-46937-5B-1Y-1B-0Y | | | 4063.5 | 65.7 | 88.0 | 142.2 | 0.0 | 0.8 | 20.3 |
| 136 | WELSH X KAL-BB<br>X-46937-5B-1Y-7B-0Y | | | 3999.7 | 66.8 | 88.2 | 141.6 | 0.0 | 1.2 | 23.0 |
| 137 | TRR"R"-MPE/PND"S" X M2A-IRA<br>X-47220-A-2M-1Y-1Y-0H | | | 2996.5 | 71.4 | 85.3 | 136.9 | 0.0 | 9.4 | 17.8 |
| 138 | (IGA/UM940"S"-ARM"S" X IRA-BGL"S")<br>MPE"S"/IRA-M2A X BUSH<br>X-47373-A-1M-2Y-1Y-0H | | | 3786.1 | 68.0 | 87.6 | 139.7 | 0.0 | 3.3 | 10.8 |
| 139 | LT338.75-GPR<br>X-51544-120C-0B | | | 3843.8 | 69.0 | 86.2 | 140.4 | 0.0 | 6.7 | 10.5 |
| 140 | CMH74.1211-BGL(4)<br>CMH77A.1122-7B-3Y-1B-501Y-0M | | | 3570.3 | 67.2 | 88.6 | 140.5 | 0.0 | 8.2 | 0.0 |
| 141 | JUANILLO | | | 4515.6 | 67.3 | 88.9 | 141.8 | 0.0 | 22.5 | 2.8 |
| 142 | JUANILLO 230 | | | 4836.3 | 67.0 | 89.8 | 142.2 | 0.0 | 22.5 | 5.5 |

| VTY | PLNT HT | LODG % | 1000 G.W. | FRST DMGE | SCAB % | EARS /M2 | CHECK MARK | SEP T 0-9 | SEP S 0-9 | SPT B 0-9 | HEL S 0-9 | BYDV 0-9 | L FIR 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ( 28) | ( 4) | ( 9) | ( 1) | ( 3) | ( 1) | ( 23) | ( 2) | ( 4) | ( 1) | ( 6) | ( 2) | ( 1) |
| 114 | 87.4 | 33.0 | 35.4 | 67.0 | 13.0 | 90.0 | 21.7 | 6.0 | 3.3 | 7.0 | 5.8 | 5.0 | 6.0 |
| 115 | 89.5 | 16.5 | 41.5 | 67.0 | 35.0 | 112.0 | 17.4 | 6.0 | 3.5 | 6.0 | 5.4 | 5.5 | 6.0 |
| 116 | 93.0 | 44.0 | 41.1 | 67.0 | 25.0 | 116.0 | 34.8 | 6.0 | 4.3 | 8.0 | 5.8 | 5.5 | 7.0 |
| 117 | 94.2 | 27.5 | 42.7 | 100.0 | 25.0 | 76.0 | 17.4 | 6.0 | 4.3 | 7.0 | 5.8 | 5.5 | 7.0 |
| 118 | 89.1 | 22.0 | 37.6 | 100.0 | 13.0 | 100.0 | 4.3 | 7.0 | 4.3 | 8.0 | 6.8 | 6.0 | 6.0 |
| 119 | 94.9 | 16.5 | 40.5 | 100.0 | 42.5 | 110.0 | 34.8 | 6.0 | 4.8 | 8.0 | 5.8 | 6.0 | 7.0 |
| 120 | 93.0 | 16.5 | 43.6 | 100.0 | 38.0 | 134.0 | 21.7 | 6.0 | 5.0 | 6.0 | 5.5 | 6.0 | 5.0 |
| 121 | 88.9 | 22.0 | 38.5 | 67.0 | 22.5 | 190.0 | 17.4 | 6.0 | 5.3 | 7.0 | 6.4 | 6.0 | 6.0 |
| 122 | 92.3 | 22.0 | 41.8 | 100.0 | 38.0 | 130.0 | 8.7 | 7.5 | 5.8 | 8.0 | 6.0 | 5.0 | 6.0 |
| 123 | 92.0 | 22.0 | 40.9 | 67.0 | 38.0 | 122.0 | 8.7 | 7.0 | 5.5 | 7.0 | 5.8 | 4.5 | 7.0 |
| 124 | 83.6 | 44.0 | 37.2 | 100.0 | 13.0 | 120.0 | 8.7 | 6.5 | 5.0 | 8.0 | 5.8 | 6.0 | 6.0 |
| 125 | 97.8 | 24.0 | 40.7 | 100.0 | 13.0 | 156.0 | 8.7 | 6.0 | 4.0 | 8.0 | 5.5 | 5.5 | 6.0 |
| 126 | 95.1 | 44.0 | 38.3 | 100.0 | 36.5 | 130.0 | 30.4 | 6.0 | 3.8 | 6.0 | 5.0 | 5.5 | 7.0 |
| 127 | 91.8 | 44.0 | 40.8 | 100.0 | 13.0 | 108.0 | 21.7 | 6.0 | 3.8 | 6.0 | 5.5 | 5.0 | 6.0 |
| 128 | 89.5 | 44.0 | 42.0 | 100.0 | 50.0 | 160.0 | 13.0 | 4.5 | 4.3 | 7.0 | 5.8 | 6.0 | 6.0 |
| 129 | 89.2 | 56.0 | 36.5 | 67.0 | 13.0 | 200.0 | 13.0 | 5.0 | 4.8 | 7.0 | 6.0 | 6.0 | 7.0 |
| 130 | 89.1 | 22.0 | 39.9 | 100.0 | 13.0 | 112.0 | 13.0 | 5.0 | 4.3 | 8.0 | 5.8 | 5.0 | 7.0 |
| 131 | 99.1 | 16.5 | 43.5 | 67.0 | 22.5 | 124.0 | 39.1 | 3.5 | 4.5 | 7.0 | 5.4 | 5.0 | 5.0 |
| 132 | 89.9 | 27.5 | 39.6 | 67.0 | 25.0 | 106.0 | 13.0 | 5.0 | 4.8 | 6.0 | 5.8 | 5.5 | ----- |
| 133 | 92.1 | 44.0 | 42.5 | 67.0 | 13.0 | 116.0 | 13.0 | 4.5 | 4.3 | 7.0 | 6.3 | 5.0 | 6.0 |
| 134 | 90.4 | 56.0 | 39.2 | 67.0 | 16.5 | 146.0 | 30.4 | 5.0 | 4.3 | 8.0 | 5.4 | 5.0 | 6.0 |
| 135 | 91.8 | 56.0 | 38.7 | 33.0 | 13.0 | 110.0 | 13.0 | 5.0 | 4.5 | 8.0 | 6.0 | 5.0 | 7.0 |
| 136 | 91.0 | 33.5 | 40.4 | 67.0 | 13.0 | 124.0 | 21.7 | 5.0 | 4.3 | 8.0 | 7.3 | 4.5 | 6.0 |
| 137 | 86.8 | 56.0 | 37.1 | 67.0 | 50.0 | 126.0 | 8.7 | 6.5 | 4.5 | 6.0 | 7.7 | 5.5 | 6.0 |
| 138 | 88.7 | 56.0 | 38.5 | 33.0 | 13.0 | 122.0 | 13.0 | 5.0 | 4.3 | 7.0 | 7.7 | 5.5 | 7.0 |
| 139 | 90.1 | 33.0 | 32.3 | 67.0 | 22.5 | 178.0 | 26.1 | 6.0 | 4.0 | 7.0 | 6.3 | 4.5 | ----- |
| 140 | 106.3 | 27.0 | 42.5 | 33.0 | 25.0 | 156.0 | 17.4 | 4.5 | 3.0 | 4.0 | 7.0 | 4.5 | 6.0 |
| 141 | 115.6 | 11.0 | 48.8 | 67.0 | 38.0 | 138.0 | 34.8 | 3.5 | 3.5 | 5.0 | 4.7 | 3.5 | 7.0 |
| 142 | 117.1 | 11.0 | 50.0 | 67.0 | 38.0 | 134.0 | 34.8 | 3.5 | 2.8 | 5.0 | 5.0 | 4.0 | 6.0 |

## Table 2 (con't.).

| VTY NO | VARIETY OR CROSS AND PEDIGREE | GRAIN | ORIGIN | YIELD KG/HA | TEST WT | FLOW DAYS | MAT DAYS | STRP RT. H | LEAF RUST | STEM RUST |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | NOBS: | ( 24) | ( 7) | ( 38) | ( 26) | ( 1) | ( 16) | ( 5) |
| 143 | JUANILLO 231 | | | 4467.3 | 68.4 | 89.3 | 142.1 | 0.0 | 20.8 | 5.5 |
| 144 | JUANILLO 234 | | | 4385.8 | 67.5 | 89.7 | 142.3 | 0.0 | 20.8 | 4.3 |
| 145 | JUANILLO | | | 4559.8 | 68.7 | 90.4 | 142.3 | 0.0 | 22.0 | 5.6 |
| 146 | LYNX"S"-M1A B-2182-1Y-1Y-0Y | | | 3517.7 | 69.3 | 83.8 | 137.6 | 0.0 | 3.8 | 10.5 |
| 147 | BGL-COG X IRA-CML B-2264 | | | 4751.2 | 69.7 | 91.9 | 143.8 | 0.0 | 4.4 | 3.0 |
| 148 | JUANILLO-M1A B-2637 | | | 4272.6 | 69.9 | 89.6 | 143.0 | 0.0 | 21.5 | 4.1 |
| 149 | IRA-BGL X DRIRA-KANG B-2658 | | | 4629.0 | 71.8 | 85.6 | 139.4 | 0.0 | 2.4 | 0.5 |
| 150 | LOCAL CHECK | | | 3780.7 | 66.1 | 86.7 | 144.3 | ----- | 26.4 | 10.1 |
| 151 | IRA-BGL X DRIRA-KANG B-2658 | | | 4231.7 | 68.8 | 87.2 | 141.6 | 0.0 | 1.5 | 0.1 |
| 152 | IRA-BGL X JUANILLO B-2659 | | | 4158.8 | 69.0 | 88.9 | 142.8 | 0.0 | 8.2 | 9.8 |
| 153 | IRA-BGL X JUANILLO B-2659 | | | 4806.9 | 71.7 | 86.5 | 141.1 | 0.0 | 9.0 | 4.3 |
| 154 | IRA-BGL X JUANILLO B-2659 | | | 4233.9 | 71.2 | 90.2 | 142.8 | 0.0 | 10.0 | 4.0 |
| 155 | IRA-BGL X JUANILLO B-2659 | | | 4484.5 | 69.2 | 89.8 | 143.2 | 0.0 | 13.0 | 29.0 |
| 156 | (IRA-BGL)(2) B-2670 | | | 3971.8 | 71.7 | 89.6 | 139.6 | 0.0 | 6.1 | 8.8 |
| 157 | BGL DERIV (CIN-PI62 X PATO/BGL) B-2824 | | | 5283.9 | 68.2 | 89.8 | 144.7 | 0.0 | 26.4 | 10.8 |
| 158 | IRA-BGL X JUANILLO B-2671 | | | 4631.1 | 71.3 | 92.0 | 144.2 | 0.0 | 3.7 | 13.6 |
| 159 | IRA-BGL X JUANILLO B-2671 | | | 4181.3 | 69.7 | 92.0 | 144.8 | 0.0 | 16.9 | 11.0 |
| 160 | IRA-BGL X MERINO"S" B-2672 | | | 4069.8 | 71.1 | 89.1 | 144.1 | 0.0 | 6.4 | 1.3 |
| 161 | IRA-BGL X MERINO"S" B-2672 | | | 4075.7 | 70.1 | 89.1 | 142.9 | 0.0 | 1.4 | 19.6 |
| 162 | IRA-BGL X MERINO"S" B-2672 | | | 4257.5 | 69.0 | 89.8 | 143.4 | 0.0 | 8.4 | 1.6 |
| 163 | M2A-BUI X DRIRA-KANG B-2683 | | | 3940.1 | 67.3 | 84.9 | 138.2 | 0.0 | 21.2 | 15.0 |
| 164 | CIN-CNO X BGL/MERINO"S" B-2700 | | | 4244.5 | 70.3 | 89.7 | 143.5 | 0.0 | 2.5 | 15.6 |
| 165 | CIN-CNO X BGL/MERINO"S" B-2700 | | | 4280.3 | 72.6 | 89.0 | 141.5 | 90.0 | 4.9 | 30.9 |
| 166 | CIN-CNO X BGL/MERINO"S" B-2700 | | | 4306.2 | 72.0 | 88.1 | 140.9 | 0.0 | 5.0 | 36.0 |
| 167 | CIN-CNO X BGL/MERINO"S" B-2700 | | | 4142.3 | 71.8 | 87.8 | 142.5 | 0.0 | 4.8 | 19.5 |
| 168 | MERINO"S"-JUANILLO B-2709 | | | 4522.7 | 68.8 | 88.8 | 142.9 | 0.0 | 2.5 | 6.7 |
| 169 | MERINO"S"-JUANILLO B-2709 | | | 4795.4 | 69.0 | 89.0 | 143.0 | 0.0 | 6.9 | 10.2 |
| 170 | MERINO"S"-JUANILLO B-2736 | | | 4444.0 | 68.8 | 89.4 | 143.7 | 0.0 | 2.3 | 6.7 |
| 171 | M2A-BGL X JUANILLO B-2762 | | | 4234.9 | 68.7 | 95.5 | 145.5 | 60.0 | 7.1 | 9.3 |
| 172 | M2A-BGL X JUANILLO B-2762 | | | 4487.5 | 67.8 | 96.5 | 146.5 | 60.0 | 9.8 | 7.7 |

| VTY | PLNT HT | LODG % | 1000 G. W. | FRST DMGE | SCAB % | EARS /M2 | CHECK MARK | SEP T 0-9 | SEP S 0-9 | SPT B 0-9 | HEL S 0-9 | BYDV 0-9 | L FIR 0-9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ( 28) | ( 4) | ( 9) | ( 1) | ( 3) | ( 1) | ( 23) | ( 2) | ( 4) | ( 1) | ( 6) | ( 2) | ( 1) |
| 143 | 117.4 | 12.3 | 49.3 | 67.0 | 38.0 | 190.0 | 30.4 | 3.5 | 2.8 | 5.0 | 5.0 | 4.0 | 7.0 |
| 144 | 115.0 | 11.0 | 48.7 | 67.0 | 38.0 | 180.0 | 39.1 | 3.0 | 2.8 | 5.0 | 6.7 | 3.0 | 6.0 |
| 145 | 115.9 | 9.0 | 50.9 | 100.0 | 38.0 | 110.0 | 21.7 | 3.0 | 3.5 | 4.0 | 5.0 | 3.0 | 7.0 |
| 146 | 97.0 | 22.0 | 44.3 | 100.0 | 10.0 | 136.0 | 4.3 | 6.0 | 3.3 | 7.0 | 6.3 | 5.5 | 6.0 |
| 147 | 109.2 | 11.0 | 46.3 | 33.0 | 11.0 | 140.0 | 56.5 | 3.0 | 4.3 | 5.0 | 4.6 | 3.0 | 6.0 |
| 148 | 115.8 | 13.3 | 44.6 | 33.0 | 38.0 | 158.0 | 22.7 | 3.0 | 4.0 | 6.0 | 7.0 | 4.0 | 6.0 |
| 149 | 105.3 | 11.0 | 47.2 | 33.0 | 50.0 | 160.0 | 43.5 | 5.5 | 4.5 | 7.0 | 7.7 | 4.0 | 7.0 |
| 150 | 101.2 | 22.0 | 43.0 | 0.0 | 13.0 | 118.0 | 4.3 | 7.0 | 4.3 | 6.0 | 8.0 | 5.0 | ----- |
| 151 | 108.1 | 22.0 | 49.6 | 33.0 | 50.0 | 192.0 | 26.1 | 6.0 | 3.5 | 7.0 | 5.5 | 4.5 | 6.0 |
| 152 | 110.7 | 22.0 | 49.8 | 33.0 | 13.0 | 130.0 | 13.0 | 4.0 | 3.5 | 5.0 | 5.8 | 4.5 | 7.0 |
| 153 | 113.1 | 22.0 | 49.7 | 67.0 | 13.0 | 136.0 | 47.8 | 4.0 | 4.0 | 7.0 | 6.0 | 3.5 | 6.0 |
| 154 | 114.5 | 21.0 | 47.7 | 67.0 | 38.0 | 160.0 | 30.4 | 3.5 | 3.8 | 3.0 | 5.0 | 3.5 | 6.0 |
| 155 | 110.5 | 22.0 | 48.0 | 33.0 | 25.0 | 134.0 | 17.4 | 3.5 | 3.3 | 4.0 | 5.0 | 4.5 | 7.0 |
| 156 | 106.9 | 18.5 | 44.7 | 0.0 | 0.0 | 136.0 | 21.7 | 5.0 | 3.5 | 7.0 | 6.0 | 4.0 | 6.0 |
| 157 | 114.0 | 14.0 | 47.4 | 0.0 | 10.0 | 144.0 | 34.8 | 4.0 | 3.5 | 5.0 | 5.4 | 4.5 | 6.0 |
| 158 | 116.6 | 10.7 | 45.7 | 0.0 | 25.0 | 156.0 | 34.8 | 4.5 | 3.3 | 6.0 | 6.3 | 4.5 | 5.0 |
| 159 | 114.1 | 10.7 | 47.8 | 33.0 | 13.0 | 130.0 | 21.7 | 3.5 | 3.5 | 4.0 | 5.8 | 4.5 | 6.0 |
| 160 | 118.4 | 16.5 | 49.5 | 0.0 | 25.0 | 140.0 | 21.7 | 3.5 | 3.3 | 5.0 | 5.8 | 4.5 | 5.0 |
| 161 | 111.9 | 36.0 | 44.3 | 33.0 | 25.0 | 150.0 | 21.7 | 4.0 | 3.5 | 7.0 | 6.0 | 4.5 | 6.0 |
| 162 | 113.6 | 22.0 | 50.2 | 0.0 | 25.0 | 98.0 | 8.7 | 3.0 | 2.5 | 7.0 | 5.5 | 5.0 | 6.0 |
| 163 | 103.5 | 22.0 | 44.0 | 33.0 | 13.0 | 142.0 | 21.7 | 5.5 | 2.8 | 7.0 | 6.5 | 3.5 | 7.0 |
| 164 | 108.0 | 22.0 | 43.0 | 0.0 | 13.0 | 114.0 | 47.8 | 4.0 | 2.5 | 5.0 | 4.8 | 3.5 | 6.0 |
| 165 | 107.8 | 22.0 | 45.5 | 33.0 | 13.0 | 170.0 | 47.8 | 4.0 | 2.3 | 4.0 | 5.5 | 3.0 | 7.0 |
| 166 | 106.9 | 13.5 | 44.0 | 0.0 | 13.0 | 134.0 | 39.1 | 4.0 | 2.3 | 4.0 | 5.0 | 3.5 | 6.0 |
| 167 | 104.6 | 22.0 | 45.2 | 33.0 | 13.0 | 182.0 | 26.1 | 4.0 | 2.5 | 4.0 | 5.5 | 3.0 | 7.0 |
| 168 | 112.5 | 9.0 | 49.8 | 67.0 | 63.0 | 130.0 | 21.7 | 4.5 | 3.0 | 6.0 | 5.8 | 4.5 | 6.0 |
| 169 | 117.5 | 29.3 | 50.9 | 67.0 | 63.0 | 152.0 | 21.7 | 4.0 | 2.5 | 6.0 | 5.0 | 4.0 | 7.0 |
| 170 | 115.1 | 23.0 | 50.0 | 100.0 | 25.0 | 146.0 | 30.4 | 4.0 | 2.3 | 6.0 | 5.5 | 4.0 | 6.0 |
| 171 | 110.9 | 20.7 | 43.2 | 33.0 | 0.0 | 132.0 | 17.4 | 3.5 | 3.8 | 5.0 | 5.0 | 4.0 | 6.0 |
| 172 | 109.9 | 28.5 | 42.7 | 0.0 | 0.0 | 144.0 | 34.8 | 3.5 | 3.3 | 3.0 | 4.8 | 4.0 | 7.0 |

## Table 3. Top performance entries: Yield

| VTY NO. | VARIETY OR CROSS AND PEDIGREE | GRAIN | ORIGIN | YIELD KG/HA | TEST WT | FLOW DAYS | MAT DAYS | STRP RT. L | STRP RT. H | LEAF RUST |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | NOBS: | ( 24) | ( 7) | ( 38) | ( 26) | ( 6) | ( 1) | ( 16) |
| 157 | BGL DERIV (CIN-PI62 X PATO/BGL) B-2824 | | | 5283.9 | 68.2 | 89.8 | 144.7 | 0.0 | 0.0 | 26.4 |
| 106 | PG"S"-CENT. BULK X ABN/IRA-CML X-39697-7Y-1M-2Y-0Y | | | 5029.7 | 68.4 | 92.8 | 144.0 | 0.1 | 0.0 | 11.9 |
| 68 | PND"S"-CASTOR"S" X-35781-82M-1Y-1M-1Y-1Y-0M | | | 4956.1 | 67.4 | 86.4 | 139.3 | 0.3 | 0.0 | 10.6 |
| 66 | Z4 | | | 4907.6 | 66.9 | 85.7 | 140.2 | 0.0 | 0.0 | 14.5 |
| 142 | JUANILLO 230 | | | 4836.3 | 67.0 | 89.8 | 142.2 | 0.7 | 0.0 | 22.5 |
| 153 | IRA-BGL X JUANILLO B-2659 | | | 4806.9 | 71.7 | 86.5 | 141.1 | 0.1 | 0.0 | 9.0 |
| 169 | MERINO"S"-JUANILLO B-2709 | | | 4795.4 | 69.0 | 89.0 | 143.0 | 1.1 | 0.0 | 6.9 |
| 147 | BGL-COG X IRA-CML B-2264 | | | 4751.2 | 69.7 | 91.9 | 143.8 | 0.1 | 0.0 | 4.4 |
| 158 | IRA-BGL X JUANILLO B-2671 | | | 4631.1 | 71.3 | 92.0 | 144.2 | 0.0 | 0.0 | 3.7 |
| 149 | IRA-BGL X DRIRA-KANO B-2658 | | | 4629.0 | 71.8 | 85.6 | 139.4 | 0.1 | 0.0 | 2.4 |
| 40 | GIRAF"S" X-32636-2Y-3B-1Y-5B-1Y-1B-0Y | | | 4611.5 | 67.2 | 91.1 | 145.0 | 7.5 | 10.0 | 1.8 |
| 145 | JUANILLO | | | 4559.8 | 68.7 | 90.4 | 142.3 | 1.6 | 0.0 | 22.0 |
| 43 | GIRAF"S" X-32636-2Y-4B-2Y-2B-3Y-0Y | | | 4547.1 | 66.8 | 92.6 | 145.8 | 6.8 | 0.0 | 1.0 |
| 168 | MERINO"S"-JUANILLO B-2709 | | | 4522.7 | 68.8 | 88.8 | 142.9 | 0.4 | 0.0 | 2.5 |
| 141 | JUANILLO | | | 4515.6 | 67.3 | 88.9 | 141.8 | 0.9 | 0.0 | 22.5 |
| 44 | MEX64-KS64 X M1A/YE"R" X-32972-A-1Y-1M-1Y-1M-1Y-0Y | | | 4497.1 | 68.9 | 91.6 | 141.8 | 0.5 | 0.0 | 6.4 |
| 172 | M2A-BGL X JUANILLO B-2762 | | | 4487.5 | 67.8 | 96.5 | 146.5 | 8.1 | 60.0 | 9.8 |
| 155 | IRA-BGL X JUANILLO B-2659 | | | 4484.5 | 69.2 | 89.8 | 143.2 | 0.2 | 0.0 | 13.0 |
| 9 | MUSKOX"S" X-15570-5M-1Y-1M-3Y-0M | | | 4468.6 | 65.8 | 93.3 | 144.2 | 0.2 | 0.0 | 2.7 |
| 143 | JUANILLO 231 | | | 4467.3 | 68.4 | 89.3 | 142.1 | 1.3 | 0.0 | 20.8 |
| 170 | MERINO"S"-JUANILLO B-2736 | | | 4444.0 | 68.8 | 89.4 | 143.7 | 0.1 | 0.0 | 2.3 |
| 10 | MUSKOX 658 X-15570 | | | 4431.6 | 69.2 | 89.8 | 144.3 | 1.0 | 0.0 | 5.9 |
| 131 | BTA"S"-YO"R" X M1A-M2A(2) X-41441-C-2Y-6M-1Y-0Y | | | 4422.1 | 67.3 | 86.6 | 140.3 | 0.0 | 0.0 | 4.5 |
| 53 | BCM"S" X IA-BUSH X-34590-9Y-1M-1Y-0Y | | | 4414.9 | 68.0 | 88.1 | 140.6 | 0.0 | 0.0 | 14.4 |
| 90 | Z.9 | | | 4402.8 | 70.6 | 85.8 | 139.1 | 0.4 | 0.0 | 16.1 |

## Table 4. Top performance entries: Test weight

| VTY NO. | VARIETY OR CROSS AND PEDIGREE | GRAIN ORIGIN | TEST WT | YIELD KG/HA | 1000 G. W. |
|---|---|---|---|---|---|
| | | NOBS: | ( 7) | ( 24) | ( 9) |
| 101 | PAVON 76 (HARI) | | 77.3 | 3439.2 | 38.6 |
| 165 | CIN-CNO X BGL/MERINO"S"<br>B-2700 | | 72.6 | 4280.3 | 45.5 |
| 76 | PND"S"-LNC<br>X-35786-658H-1Y-1M-1Y-3Y-0H | | 72.3 | 3814.0 | 40.3 |
| 127 | BCN"S" X M2A-IRA/FS1897 X IRA-CAL<br>X-41047-A-1Y-2M-1Y-2Y-0H | | 72.0 | 3845.8 | 40.8 |
| 166 | CIN-CNO X BGL/MERINO"S"<br>B-2700 | | 72.0 | 4306.2 | 44.0 |
| 167 | CIN-CNO X BGL/MERINO"S"<br>B-2700 | | 71.8 | 4142.3 | 45.2 |
| 149 | IRA-BGL X DRIRA-KANG<br>B-2658 | | 71.8 | 4629.0 | 47.2 |
| 70 | PND"S"-CASTOR"S"<br>X-35781-182H-1Y-2M-1Y-0Y | | 71.7 | 4378.7 | 44.7 |
| 153 | IRA-BGL X JUANILLO<br>B-2659 | | 71.7 | 4806.9 | 49.7 |
| 28 | PTR"S"-CASTOR"S"<br>X-31731-8Y-3M-1Y-2M-1Y-1Y-0H | | 71.7 | 3998.0 | 40.1 |
| 126 | BCN"S" X M2A-IRA/FS1897 X IRA-CAL<br>X-41047-A-1Y-2M-1Y-3Y-0H | | 71.7 | 3709.8 | 38.3 |
| 156 | (IRA-BGL)(2)<br>B-2670 | | 71.7 | 3971.8 | 44.7 |
| 137 | TRR"R"-MPE/PND"S" X M2A-IRA<br>X-47220-A-2M-1Y-1Y-0H | | 71.4 | 2996.5 | 37.1 |
| 78 | PND"S"-ADX"S"<br>X-35905-423H-2Y-1M-1Y-1Y-0H | | 71.3 | 3430.4 | 41.1 |
| 158 | IRA-BGL X JUANILLO<br>B-2671 | | 71.3 | 4631.1 | 45.7 |
| 52 | STR-PND"S"<br>X-34530-564H-1Y-1M-1Y-0Y | | 71.2 | 3471.3 | 40.7 |
| 154 | IRA-BGL X JUANILLO<br>B-2659 | | 71.2 | 4233.9 | 47.7 |
| 84 | PTR"S"-M1A<br>X-36471-22M-2Y-1M-2Y-2Y-0H | | 71.2 | 4070.2 | 41.5 |
| 118 | (KLA X OCTO-HEXA/IRA-CAL)M1A<br>X-40912-J-1Y-1M-1Y-0Y | | 71.2 | 3984.2 | 37.6 |
| 160 | IRA-BGL X MERINO"S"<br>B-2672 | | 71.1 | 4069.8 | 49.5 |
| 60 | PTR"S"-M1A<br>X-34824-501M-500Y-504B-500Y-501Y<br>0M | | 71.1 | 4127.5 | 43.6 |
| 31 | PTR"S"-CASTOR"S"<br>X-31731-8Y-3M-1Y-1M-0Y | | 71.0 | 3794.8 | 40.0 |

## Table 5. Top performance entries: Days to flower

| VTY NO. | VARIETY OR CROSS AND PEDIGREE | GRAIN | ORIGIN | FLOW DAYS | MAT DAYS | YIELD KG/HA |
|---|---|---|---|---|---|---|
| | | | NOBS: | ( 38) | ( 26) | ( 24) |
| 57 | PTR"S"-OZL"S"<br>X-34819-500M-501Y-500B-500Y-503Y<br>OM | | | 81.8 | 139.6 | 3461.1 |
| 56 | PTR"S"-OZL"S"<br>X-34819-11M-1Y-1M-0Y | | | 82.8 | 139.7 | 3699.1 |
| 98 | FS477-CASTOR"S"<br>X-39461-14Y-2M-2Y-0Y | | | 82.9 | 136.4 | 3687.3 |
| 36 | PND"S"-ABN<br>X-31785-3Y-1M-1Y-1M-1Y-0Y | | | 83.2 | 141.5 | 3708.9 |
| 94 | PND"S"-LNC<br>X-39243-5Y-1M-1Y-0Y | | | 83.3 | 137.4 | 3502.8 |
| 82 | IRA-M1A<br>X-36445-16M-1Y-1M-0Y | | | 83.5 | 139.6 | 4029.4 |
| 71 | PND"S"-CASTOR"S"<br>X-35781-193M-3Y-1M-1Y-0Y | | | 83.7 | 134.8 | 3051.5 |
| 146 | LYNX"S"-M1A<br>B-2182-1Y-1Y-0Y | | | 83.8 | 137.6 | 3517.7 |
| 97 | MSF"S"-FAWN"S"<br>X-39335-2Y-2M-1Y-0Y | | | 83.8 | 136.7 | 3806.3 |
| 109 | PTR"S"-MA106<br>X-39860-7Y-1M-3Y-0Y | | | 83.9 | 137.1 | 4050.6 |
| 118 | (KLA X OCTO-HEXA/IRA-CAL)M1A<br>X-40912-J-1Y-1M-1Y-0Y | | | 84.0 | 137.4 | 3584.2 |
| 80 | M2A-FS722 X MPE"R"<br>X-36044-1M-1Y-1M-0Y | | | 84.1 | 137.8 | 3593.8 |
| 128 | M2A-CIN X ABN/CASTOR"S"-DACH<br>X-41061-A-1Y-1M-2Y-0Y | | | 84.3 | 141.2 | 3262.9 |
| 87 | PND"S"-RM<br>X-36517-782M-3Y-1M-2Y-2Y-0M | | | 84.3 | 140.3 | 3442.5 |
| 83 | PTR"S"-M1A<br>X-36471-22M-2Y-1M-1Y-0Y | | | 84.3 | 137.6 | 3831.1 |
| 123 | M2A-CIN X IRA-CML/IGA<br>X-41021-G-1Y-2M-2Y-0Y | | | 84.3 | 137.5 | 3249.7 |
| 127 | BCM"S" X M2A-IRA/FS1897 X IRA-CAL<br>X-41047-A-1Y-2M-1Y-2Y-0M | | | 84.4 | 139.1 | 3845.8 |
| 124 | M2A(2)-1A X MPE"S"-M2A<br>X-41033-K-2Y-2M-1Y-0Y | | | 84.6 | 138.7 | 3691.2 |
| 86 | PND"S"-RM<br>X-36517-782M-3Y-1M-1Y-0Y | | | 84.6 | 140.8 | 3706.1 |
| 95 | PND"S"-OPR<br>X-39253-21Y-1M-4Y-0Y | | | 84.7 | 137.4 | 4007.2 |
| 84 | PTR"S"-M1A<br>X-36471-22M-2Y-1M-2Y-2Y-0M | | | 84.9 | 138.1 | 4070.2 |
| 163 | M2A-BUI X DRIRA-KANQ<br>B-2683 | | | 84.9 | 138.2 | 3940.1 |
| 26 | IA X M2A-ARM"S"<br>X-34657-B-3M-1Y-1M-2Y-0Y | | | 84.9 | 139.2 | 3931.4 |
| 58 | PTR"S"-M1A<br>X-34824-501M-500Y-501B-503Y-501Y<br>0M | | | 84.9 | 139.8 | 3771.1 |
| 79 | PND"S"-ADX"S"<br>X-35905-423M-2Y-1M-1Y-2Y-0M | | | 85.0 | 137.1 | 3539.5 |
| 112 | PTR"S"-MA106<br>X-39860-7Y-2M-3Y-2Y-0M | | | 85.1 | 139.7 | 4344.1 |

## Table 6. Top performance entries: Days to maturity

| VTY NO. | VARIETY OR CROSS AND PEDIGREE | GRAIN ORIGIN | MAT DAYS | FLOW DAYS | YIELD KG/HA |
|---|---|---|---|---|---|
| | | NOBS: | ( 26) | ( 38) | ( 24) |
| 71 | PND"S"-CASTOR"S"<br>X-35781-193H-3Y-1M-1Y-0Y | | 134.8 | 83.7 | 3051.5 |
| 105 | CML"S"-KAL X IA-IRA<br>X-39651-1Y-1M-2Y-1Y-0H | | 136.2 | 85.8 | 3091.1 |
| 98 | FS477-CASTOR"S"<br>X-39461-14Y-2M-2Y-0Y | | 136.4 | 82.9 | 3687.3 |
| 116 | FAWN-M1A<br>X-38864-16Y-2M-1Y-0Y | | 136.4 | 85.5 | 3999.1 |
| 119 | M2A-CIN X M1A/PG"S"-CENT BULK X ABN<br>X-40933-D-1Y-3M-1Y-0Y | | 136.6 | 85.9 | 3755.3 |
| 97 | MSF"S"-FAWN"S"<br>X-39335-2Y-2M-1Y-0Y | | 136.7 | 83.8 | 3806.3 |
| 137 | TRR"R"-MPE/PND"S" X M2A-IRA<br>X-47220-A-2M-1Y-1Y-0H | | 136.9 | 85.3 | 2996.5 |
| 96 | PND"S"-M1A<br>X-39246-11Y-2M-1Y-0Y | | 137.0 | 86.2 | 3279.9 |
| 78 | PND"S"-ADX"S"<br>X-35905-423H-2Y-1M-1Y-1Y-0H | | 137.0 | 85.4 | 3430.4 |
| 25 | CANANEA79 | | 137.1 | 85.8 | 3882.3 |
| 79 | PND"S"-ADX"S"<br>X-35905-423H-2Y-1M-1Y-2Y-0H | | 137.1 | 85.0 | 3539.5 |
| 109 | PTR"S"-MA106<br>X-39860-7Y-1M-3Y-0Y | | 137.1 | 83.9 | 4050.8 |
| 125 | CANANEA 79 (TCL) | | 137.2 | 85.7 | 3915.7 |
| 69 | PND"S"-CASTOR"S"<br>X-35781-121H-3Y-1M-3Y-2Y-0H | | 137.3 | 87.9 | 3850.7 |
| 1 | CANANEA79 | | 137.3 | 86.2 | 3757.3 |
| 27 | PTR"S"-STR"S"<br>X-31730-A-1Y-1M-1Y-1M-2Y-1Y-0H | | 137.3 | 86.3 | 4121.5 |
| 95 | PND"S"-CPR<br>X-39253-21Y-1M-4Y-0Y | | 137.4 | 84.7 | 4007.2 |
| 94 | PND"S"-LNC<br>X-39243-5Y-1M-1Y-0Y | | 137.4 | 83.3 | 3502.8 |
| 118 | (KLA X OCTO-HEXA/IRA-CAL)M1A<br>X-40912-J-1Y-1M-1Y-0Y | | 137.4 | 84.0 | 3584.2 |
| 123 | M2A-CIN X IRA-CML/IGA<br>X-41021-G-1Y-2M-2Y-0Y | | 137.5 | 84.3 | 3249.7 |
| 146 | LYNX"S"-M1A<br>B-2182-1Y-1Y-0Y | | 137.6 | 83.8 | 3517.7 |
| 83 | PTR"S"-M1A<br>X-36471-22M-2Y-1M-1Y-0Y | | 137.6 | 84.3 | 3831.1 |
| 120 | PTR"S" X OCTO BULK-ARS/CASTOR"S"<br>X-40941-T-1Y-1M-1Y-0Y | | 137.8 | 86.9 | 3802.2 |
| 80 | M2A-FS722 X MPE"R"<br>X-36044-1M-1Y-1M-0Y | | 137.8 | 84.1 | 3593.8 |
| 52 | STR-PND"S"<br>X-34530-564H-1Y-1M-1Y-0Y | | 137.8 | 85.3 | 3471.3 |
| 74 | PND"S"-LNC<br>X-35786-658H-1Y-1M-1Y-2Y-0H | | 137.8 | 87.2 | 3842.8 |
| 110 | PTR"S"-MA106<br>X-39860-7Y-1M-3Y-2Y-0H | | 137.9 | 85.6 | 3974.4 |
| 100 | CABORCA 79 (TCL) | | 137.9 | 86.6 | 4005.0 |

## Table 7. Top performance entries: Leaf rust

| VTY NO. | VARIETY OR CROSS AND PEDIGREE | GRAIN | ORIGIN | LEAF RUST | STEM RUST | STRP RT. H |
|---|---|---|---|---|---|---|
| | | | NOBS: | ( 16) | ( 5) | ( 1) |
| 121 | M2A X IRA-CAL/IGA<br>X-40994-AB-1Y-1M-2Y-1Y-0H | | | 0.1 | 6.7 | 0.0 |
| 89 | IRA-CAL X BCM<br>X-37314-9M-1Y-1M-1Y-0Y | | | 0.3 | 0.9 | 0.0 |
| 104 | IRA-CAL X PTR"S"<br>X-39609-6Y-1M-1Y-0Y | | | 0.3 | 0.3 | 0.0 |
| 122 | M2A X IRA-CAL/IGA<br>X-40994-V-1Y-2M-1Y-0Y | | | 0.3 | 6.7 | 0.0 |
| 112 | PTR"S"-MA106<br>X-39860-7Y-2M-3Y-2Y-0H | | | 0.4 | 0.0 | 0.0 |
| 108 | PTR"S"-MA106<br>X-39860-7Y-1M-2Y-2Y-0H | | | 0.4 | 0.0 | 0.0 |
| 111 | PTR"S"-MA106<br>X-39860-7Y-2M-2Y-0Y | | | 0.4 | 0.3 | 0.0 |
| 77 | PND"S"-LNC<br>X-35786-717H-1Y-2M-1Y-0Y | | | 0.5 | 18.5 | 0.0 |
| 127 | BCM"S" X M2A-IRA/FS1897 X IRA-CAL<br>X-41047-A-1Y-2M-1Y-2Y-0H | | | 0.5 | 16.7 | 0.0 |
| 109 | PTR"S"-MA106<br>X-39860-7Y-1M-3Y-0Y | | | 0.5 | 0.2 | 0.0 |
| 97 | MSF"S"-FAWN"S"<br>X-39335-2Y-2M-1Y-0Y | | | 0.5 | 9.5 | 0.0 |
| 5 | RAHUM | | | 0.5 | 13.3 | 0.0 |
| 119 | M2A-CIN X M1A/PG"S"-CENT. BULK X ABN<br>X-40933-D-1Y-3M-1Y-0Y | | | 0.6 | 4.2 | 0.0 |
| 110 | PTR"S"-MA106<br>X-39860-7Y-1M-3Y-2Y-0H | | | 0.8 | 0.1 | 0.0 |
| 3 | CABORCA79 | | | 0.8 | 20.0 | 0.0 |
| 83 | PTR"S"-M1A<br>X-36471-22M-2Y-1M-1Y-0Y | | | 0.8 | 11.0 | 0.0 |
| 135 | WELSH X KAL-BB<br>X-46937-5B-1Y-1B-0Y | | | 0.8 | 20.3 | 0.0 |
| 38 | RAT"S"<br>X-31976-A-1Y-500M-501Y-500B-503Y<br>504Y-0M | | | 0.8 | 8.3 | 0.0 |
| 59 | PTR"S"-M1A<br>X-34824-501M-500Y-501B-503Y-507Y<br>0M | | | 0.8 | 7.8 | 0.0 |
| 63 | PTR"S"-M1A<br>X-34824-501M-500Y-509B-500Y-508Y<br>0M | | | 0.9 | 2.8 | 0.0 |
| 84 | PTR"S"-M1A<br>X-36471-22M-2Y-1M-2Y-2Y-0H | | | 0.9 | 15.1 | 0.0 |
| 99 | PTR"S" X CIN-FS658<br>X-39595-4Y-2M-2Y-0Y | | | 0.9 | 1.3 | 0.0 |

## Table 8. Top performance entries: Stem rust

| VTY NO | VARIETY OR CROSS AND PEDIGREE | GRAIN | ORIGIN | STEM RUST | LEAF RUST | STRP RT. H |
|---|---|---|---|---|---|---|
| | | | NOBS | ( 5) | ( 16) | ( 1) |
| 108 | PTR"S"-MA106<br>X-39860-7Y-1M-2Y-2Y-0H | | | 0.0 | 0.4 | 0.0 |
| 43 | GIRAF"S"<br>X-32636-2Y-4B-2Y-2B-3Y-0Y | | | 0.0 | 1.0 | 0.0 |
| 120 | PTR"S" X OCTO BULK-ARS/CASTOR"S"<br>X-40941-T-1Y-1M-1Y-0Y | | | 0.0 | 9.8 | 0.0 |
| 47 | LEMMING"S"<br>X-33208-I-500Y-505M-500Y-500B-503Y-504Y-0M | | | 0.0 | 1.0 | 0.0 |
| 112 | PTR"S"-MA106<br>X-39860-7Y-2M-3Y-2Y-0H | | | 0.0 | 0.4 | 0.0 |
| 49 | W74 103-ADX/BGL"S"-M2A X IRA<br>X-33470-C-1Y-3M-2Y-2M-0Y | | | 0.0 | 21.6 | 0.0 |
| 113 | PTR"S"-MA106<br>X-39860-7Y-3M-1Y-2Y-0H | | | 0.0 | 1.5 | 0.0 |
| 115 | PTR"S" X IGA-IRA<br>X-39862-3Y-1M-1Y-1Y-0H | | | 0.0 | 1.7 | 0.0 |
| 140 | CMH74 1211-BGL(4)<br>CMH77A 1122-7B-3Y-1B-501Y-0M | | | 0.0 | 8.2 | 0.0 |
| 41 | GIRAF"S"<br>X-32636-2Y-3B-4Y-3B-6Y-0Y | | | 0.0 | 3.1 | 5.0 |
| 42 | GIRAF"S"<br>X-32636-2Y-4B-1Y-1B-4Y-1B-0Y | | | 0.0 | 1.3 | 0.0 |
| 123 | M2A-CIN X IRA-CML/IGA<br>X-41021-G-1Y-2M-2Y-0Y | | | 0.0 | 8.0 | 0.0 |

## Table 9. Top performance entries: *Septoria tritici*

| VTY NO. | VARIETY OR CROSS AND PEDIGREE | GRAIN | ORIGIN | SEP T 0-9 | SEP S 0-9 |
|---|---|---|---|---|---|
| | | | NOBS: | ( 2) | ( 4) |
| 21 | M2A-BULK2925<br>X-31158-1Y-2M-2Y-2M-1Y-0Y | | | 2.5 | 3.3 |
| 55 | CASTOR"S" X IRA-CAL<br>X-34727-1M-1Y-1M-1Y-1Y-0H | | | 3.0 | 3.5 |
| 67 | PND"S"-CASTOR"S"<br>X-35781-30H-2Y-1M-1Y-1Y-0H | | | 3.0 | 3.3 |
| 35 | PTR"S"-CASTOR"S"<br>X-31731-10Y-1M-2Y-1M-1Y-0Y | | | 3.0 | 3.5 |
| 144 | JUANILLO 234 | | | 3.0 | 2.8 |
| 49 | W74.103-ADX/BGL"S"-M2A X IRA<br>X-33470-C-1Y-3M-2Y-2M-0Y | | | 3.0 | 3.3 |
| 32 | PTR"S"-CASTOR"S"<br>X-31731-8Y-3M-1Y-2M-1Y-0Y | | | 3.0 | 4.3 |
| 29 | PTR"S"-CASTOR"S"<br>X-31731-10Y-1M-2Y-1M-1Y-1Y-0H | | | 3.0 | 4.0 |
| 19 | YE75 X IA-BUSH<br>X-31095-1Y-1M-1Y-1M-1Y-1Y-0H | | | 3.0 | 4.0 |
| 53 | BCM"S" X IA-BUSH<br>X-34590-9Y-1M-1Y-0Y | | | 3.0 | 3.8 |
| 43 | GIRAF"S"<br>X-32636-2Y-4B-2Y-2B-3Y-0Y | | | 3.0 | 3.3 |
| 42 | GIRAF"S"<br>X-32636-2Y-4B-1Y-1B-4Y-1B-0Y | | | 3.0 | 3.5 |
| 162 | IRA-BGL X MERINO"S"<br>B-2672 | | | 3.0 | 2.5 |
| 54 | BCM"S" X IA-BUSH<br>X-34590-9Y-1M-2Y-0Y | | | 3.0 | 4.3 |
| 20 | YE75 X IA-BUSH<br>X-31095-1Y-4M-1Y-3M-1Y-1Y-0H | | | 3.0 | 4.0 |
| 145 | JUANILLO | | | 3.0 | 3.5 |
| 11 | MULA"S"<br>X-18330-3M-2Y-2M-1Y-2M-0Y | | | 3.0 | 3.3 |
| 147 | BGL-COO X IRA-CML<br>B-2264 | | | 3.0 | 4.3 |
| 106 | PG"S"-CENT BULK X ABN/IRA-CML<br>X-39697-7Y-1M-2Y-0Y | | | 3.0 | 2.8 |
| 148 | JUANILLO-M1A<br>B-2627 | | | 3.0 | 4.0 |

## Table 10. Top performance entries: Spot blotch

| VTY NO. | VARIETY OR CROSS AND PEDIGREE | GRAIN | ORIGIN | SPT B 0-9 | HEL S 0-9 |
|---|---|---|---|---|---|
| | | | NOBS: | ( 1) | ( 6) |
| 49 | W74.103-ADX/BGL"S"-M2A X IRA<br>X-33470-C-1Y-3M-2Y-2M-0Y | | | 2.0 | 5.5 |
| 95 | CASTOR"S" X IRA-CAL<br>X-34727-1M-1Y-1M-1Y-1Y-0H | | | 2.0 | 5.2 |
| 106 | PG"S"-CENT.BULK X ABN/IRA-CML<br>X-39697-7Y-1M-2Y-0Y | | | 2.0 | 4.8 |
| 154 | IRA-BGL X JUANILLO<br>B-2659 | | | 3.0 | 5.0 |
| 2 | BEAGLE | | | 3.0 | 3.4 |
| 172 | M2A-BGL X JUANILLO<br>B-2762 | | | 3.0 | 4.8 |
| 53 | BCM"S" X IA-BUSH<br>X-34590-9Y-1M-1Y-0Y | | | 3.0 | 5.5 |
| 88 | BTA"S"-LNC<br>X-36535-2H-2Y-1M-2Y-0Y | | | 4.0 | 5.5 |
| 9 | MUSKOX"S"<br>X-13570-5M-1Y-1M-3Y-0M | | | 4.0 | 5.3 |
| 51 | STR-PND"S"<br>X-34530-110H-1Y-1M-1Y-0Y | | | 4.0 | 5.3 |
| 140 | CMH74.1211-BGL(4)<br>CMH77A.1122-7B-3Y-1B-501Y-0M | | | 4.0 | 7.0 |
| 167 | CIN-CNO X BGL/MERINO"S"<br>B-2700 | | | 4.0 | 5.5 |
| 66 | Z4 | | | 4.0 | 5.5 |
| 29 | PTR"S"-CASTOR"S"<br>X-31731-10Y-1M-2Y-1M-1Y-1Y-0H | | | 4.0 | 4.4 |
| 155 | IRA-BGL X JUANILLO<br>B-2659 | | | 4.0 | 5.0 |
| 145 | JUANILLO | | | 4.0 | 5.0 |
| 166 | CIN-CNO X BGL/MERINO"S"<br>B-2700 | | | 4.0 | 5.0 |
| 165 | CIN-CNO X BGL/MERINO"S"<br>B-2700 | | | 4.0 | 5.5 |
| 159 | IRA-BGL X JUANILLO<br>B-2671 | | | 4.0 | 5.8 |

## Table 11. Top performance entries: Check mark

| VTY NO. | VARIETY OR CROSS AND PEDIGREE | GRAIN | ORIGIN | CHECK MARK | YIELD KG/HA | TEST WT |
|---|---|---|---|---|---|---|
| | | | NOBS: | ( 23) | ( 24) | ( 7) |
| 147 | BGL-COG X IRA-CML<br>B-2264 | | | 56.5 | 4791.2 | 69.7 |
| 65 | Z4 | | | 56.5 | 4907.6 | 66.9 |
| 106 | PO"S"-CENT.BULK X ABN/IRA-CML<br>X-39697-7Y-1M-2Y-0Y | | | 52.2 | 5029.7 | 68.4 |
| 102 | PTR"S" X CIN-FS658<br>X-39597-4Y-2M-1Y-2Y-0H | | | 47.8 | 3798.1 | 70.0 |
| 164 | CIN-CNO X BGL/MERINO"S"<br>B-2700 | | | 47.8 | 4244.5 | 70.3 |
| 153 | IRA-BGL X JUANILLO<br>B-2659 | | | 47.8 | 4806.9 | 71.7 |
| 165 | CIN-CNO X BGL/MERINO"S"<br>B-2700 | | | 47.8 | 4280.3 | 72.6 |
| 149 | IRA-BGL X DRIRA-KANG<br>B-2658 | | | 43.5 | 4629.0 | 71.8 |
| 49 | W74.103-ADX/BGL"S"-M2A X IRA<br>X-33470-C-1Y-3M-2Y-2M-0Y | | | 39.1 | 3794.7 | 70.6 |
| 131 | BTA"S"-YO"R" X M1A-M2A(2)<br>X-41441-C-2Y-6M-1Y-0Y | | | 39.1 | 4422.1 | 67.3 |
| 166 | CIN-CNO X BGL/MERINO"S"<br>B-2700 | | | 39.1 | 4306.2 | 72.0 |
| 144 | JUANILLO 234 | | | 39.1 | 4389.8 | 67.5 |
| 2 | BEAGLE | | | 39.1 | 4188.4 | 63.8 |
| 172 | M2A-BGL X JUANILLO<br>B-2762 | | | 34.8 | 4487.5 | 67.8 |
| 141 | JUANILLO | | | 34.8 | 4515.6 | 67.3 |
| 67 | PND"S"-CASTOR"S"<br>X-35781-30H-2Y-1M-1Y-1Y-0H | | | 34.8 | 4063.3 | 70.4 |
| 157 | BGL DERIV (CIN-PI62 X PATO/BGL)<br>B-2824 | | | 34.8 | 5283.9 | 68.2 |
| 158 | IRA-BGL X JUANILLO<br>B-2671 | | | 34.8 | 4631.1 | 71.3 |
| 90 | Z.9 | | | 34.8 | 4402.8 | 70.6 |
| 10 | MUSKOX 658<br>X-15570 | | | 34.8 | 4431.6 | 69.2 |
| 116 | FAWN-M1A<br>X-38864-16Y-2M-1Y-0Y | | | 34.8 | 3999.1 | 70.5 |
| 42 | GIRAF"S"<br>X-32636-2Y-4B-1Y-1B-4Y-1B-0Y | | | 34.8 | 4207.7 | 66.6 |
| 142 | JUANILLO 230 | | | 34.8 | 4836.3 | 67.0 |
| 119 | M2A-CIN X M1A/PO"S"-CENT.BULK X ABN<br>X-40933-D-1Y-3M-1Y-0Y | | | 34.8 | 3755.3 | 69.6 |
| 134 | WELSH X KAL-BB<br>X-46937-2B-3Y-1B-0Y | | | 30.4 | 4079.7 | 66.5 |
| 40 | GIRAF"S"<br>X-32636-2Y-3B-1Y-5B-1Y-1B-0Y | | | 30.4 | 4611.5 | 67.2 |
| 109 | PTR"S"-MA106<br>X-39860-7Y-1M-3Y-0Y | | | 30.4 | 4050.8 | 69.1 |
| 88 | BTA"S"-LNC<br>X-36535-2H-2Y-1M-2Y-0Y | | | 30.4 | 4259.0 | 68.8 |
| 14 | TIGRE"S"<br>X-27947-22M-1Y-0M | | | 30.4 | 4326.9 | 68.6 |

## Table 11 (con't.).

| VTY NO | VARIETY OR CROSS AND PEDIGREE | GRAIN | ORIGIN | CHECK MARK | YIELD KG/HA | TEST WT |
|---|---|---|---|---|---|---|
| | | | NOBS | ( 23) | ( 24) | ( 7) |
| 27 | PTR"S"-STR"S"<br>X-31730-A-1Y-1M-1Y-1M-2Y-1Y-0H | | | 30.4 | 4121.5 | 68.1 |
| 11 | MULA"S"<br>X-18330-3M-2Y-2M-1Y-2M-0Y | | | 30.4 | 4343.2 | 66.4 |
| 85 | PND"S"-RM<br>X-36517-558H-1Y-1M-1Y-0Y | | | 30.4 | 3720.7 | 69.5 |
| 70 | PND"S"-CASTOR"S"<br>X-35781-182H-1Y-2M-1Y-0Y | | | 30.4 | 4378.7 | 71.7 |
| 30 | PTR"S"-STR"S"<br>X-31730-E-3Y-1M-1Y-1M-0Y | | | 30.4 | 3905.6 | 65.6 |
| 143 | JUANILLO 231 | | | 30.4 | 4467.3 | 68.4 |
| 126 | BCM"S" X M2A-IRA/FS1897 X IRA-CAL<br>X-41047-A-1Y-2M-1Y-3Y-0H | | | 30.4 | 3709.8 | 71.7 |
| 170 | MERINO"S"-JUANILLO<br>B-2736 | | | 30.4 | 4444.0 | 68.8 |
| 154 | IRA-BGL X JUANILLO<br>B-2659 | | | 30.4 | 4233.9 | 71.2 |

GRAIN TECHNOLOGY OF THE VARIETIES INCLUDED IN THE 13TH. ITSN, USING SEED FROM CIANO, YAQUI VALLEY, MEXICO (1980-81), DETERMINED IN CIMMYT WHEAT QUALITY LABORATORY

| Lab. No. | Origin Y80-81 | % Flour Yield | Grain Falling Number (SEC) | % Flour Protein | Sedimentation c.c. | Baking | | Cookies Overall Rating |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Loaf Vol. | $H_2O$ % Abs. | |
| 1992 | S- 1 | 66.0 | 72 | 9.3 | 19 | 675 | 58.0 | VG |
| 1993 | 2 | 65.1 | 101 | 9.6 | 20 | 470 | 58.7 | R |
| 1994 | 3 | 60.0 | 91 | 9.4 | 23 | 695 | 58.0 | VG |
| 1995 | 4 | 61.2 | 172 | 9.6 | 19 | 625 | 58.0 | R |
| 1996 | 5 | 58.2 | 73 | 10.1 | 28 | 745 | 59.0 | G |
| 1997 | 6 | 63.8 | 116 | 9.0 | 19 | 590 | 58.1 | R |
| 1998 | 7 | 66.6 | 155 | 8.9 | 16 | 615 | 58.1 | VG |
| 1999 | 8 | 64.0 | 129 | 8.7 | 17 | 550 | 57.9 | G |
| 2000 | 9 | 58.8 | 74 | 9.3 | 29 | 560 | 59.4 | R |
| 2001 | 10 | 63.8 | 120 | 8.9 | 23 | 505 | 58.1 | R |
| 2002 | 11 | 67.9 | 172 | 8.8 | 19 | 450 | 58.1 | R |
| 2003 | 12 | 58.2 | 83 | 9.1 | 22 | 675 | 58.4 | G |
| 2004 | 13 | 58.4 | 81 | 9.3 | 23 | 710 | 58.4 | G |
| 2005 | 14 | 61.0 | 148 | 9.1 | 15 | 555 | 57.4 | VG |
| 2006 | 15 | 60.2 | 143 | 10.1 | 20 | 630 | 59.0 | R |
| 2007 | 16 | 62.8 | 118 | 9.2 | 25 | 660 | 58.4 | G |
| 2008 | 17 | 64.8 | 128 | 9.1 | 17 | 560 | 57.4 | G |
| 2009 | 18 | 60.1 | 183 | 10.3 | 22 | 705 | 59.3 | VG |
| 2010 | 19 | 61.0 | 173 | 10.1 | 22 | 735 | 59.3 | R |
| 2011 | 20 | 60.7 | 272 | 10.6 | 25 | 765 | 59.6 | R |
| 2012 | 21 | 67.1 | 238 | 10.0 | 17 | 660 | 58.0 | VG |
| 2013 | 22 | 66.8 | 247 | 8.7 | 13 | 475 | 56.9 | VG |
| 2014 | 23 | 69.3 | 226 | 8.8 | 19 | 720 | 58.1 | VG |
| 2015 | 24 | 69.4 | 163 | 9.0 | 18 | 745 | 58.1 | VG |
| 2016 | 25 | 64.7 | 93 | 9.0 | 20 | 745 | 58.1 | VG |
| 2017 | 26 | 67.3 | 201 | 9.3 | 21 | 625 | 58.4 | VG |
| 2018 | 27 | 65.8 | 122 | 8.8 | 11 | 500 | 57.1 | VG |
| 2019 | 28 | 63.0 | 260 | 9.4 | 12 | 535 | 57.7 | VG |
| 2020 | 29 | 64.4 | 131 | 9.1 | 10 | 445 | 56.4 | VG |
| 2021 | 30 | 67.3 | 304 | 8.9 | 16 | 650 | 58.1 | G |
| 2022 | 31 | 65.3 | 298 | 9.4 | 12 | 545 | 57.7 | VG |
| 2023 | 32 | 63.7 | 198 | 9.8 | 11 | 545 | 58.0 | VG |
| 2024 | 33 | 64.5 | 172 | 8.9 | 10 | 465 | 57.1 | VG |
| 2025 | 34 | 64.0 | 235 | 9.0 | 10 | 465 | 57.1 | G |
| 2026 | 35 | 64.4 | 137 | 9.7 | 10 | 480 | 57.0 | VG |
| 2027 | 36 | 59.7 | 100 | 9.2 | 21 | 625 | 58.4 | R |
| 2028 | 37 | 64.1 | 63 | 9.8 | 15 | 550 | 58.0 | R |
| 2029 | 38 | 62.8 | 67 | 9.7 | 16 | 585 | 58.0 | R |
| 2030 | 39 | 51.2 | 163 | 9.0 | 27 | 610 | 59.6 | P |
| 2031 | 40 | 64.7 | 62 | 9.3 | 24 | 545 | 58.4 | P |
| 2032 | 41 | 68.0 | 61 | 9.0 | 22 | 505 | 58.1 | P |
| 2033 | 42 | 68.6 | 72 | 8.7 | 21 | 540 | 57.9 | R |
| 2034 | 43 | 69.0 | 69 | 8.7 | 22 | 505 | 57.9 | R |
| 2035 | 44 | 69.1 | 252 | 9.5 | 11 | 460 | 56.7 | VG |
| 2036 | 45 | 66.3 | 153 | 9.6 | 12 | 470 | 56.7 | G |
| 2037 | 46 | 65.4 | 198 | 9.4 | 18 | 575 | 58.0 | VG |
| 2038 | 47 | 66.5 | 317 | 9.6 | 22 | 700 | 57.0 | VG |
| 2039 | 48 | 65.9 | 180 | 8.5 | 18 | 575 | 57.0 | G |
| 2040 | 49 | 67.0 | 63 | 8.7 | 23 | 545 | 58.9 | R |
| 2041 | 50 | 67.3 | 89 | 8.6 | 16 | 575 | 57.9 | VG |
| 2042 | 51 | 67.7 | 219 | 9.4 | 17 | 640 | 58.0 | VG |
| 2043 | 52 | 64.6 | 73 | 10.3 | 19 | 600 | 58.3 | G |
| 2044 | 53 | 64.6 | 94 | 8.6 | 17 | 570 | 57.9 | VG |
| 2045 | 54 | 64.4 | 136 | 8.8 | 19 | 580 | 58.1 | VG |
| 2046 | 55 | 67.3 | 165 | 8.7 | 23 | 670 | 57.9 | G |
| 2047 | 56 | 64.8 | 184 | 9.2 | 18 | 650 | 58.4 | VG |
| 2048 | 57 | 66.5 | 94 | 9.3 | 19 | 650 | 58.4 | G |
| 2049 | 58 | 61.6 | 110 | 9.8 | 23 | 725 | 59.0 | G |
| 2050 | 59 | 66.5 | 326 | 9.6 | 21 | 700 | 58.7 | G |
| 2051 | 60 | 66.9 | 324 | 9.6 | 25 | 720 | 58.7 | VG |
| 2052 | 61 | 66.2 | 118 | 10.0 | 25 | 740 | 59.3 | VG |
| 2053 | 62 | 66.5 | 219 | 9.8 | 23 | 755 | 59.0 | VG |
| 2054 | 63 | 62.0 | 178 | 9.1 | 16 | 665 | 58.1 | VG |
| 2055 | 64 | 63.0 | 87 | 9.0 | 29 | 715 | 58.1 | VG |
| 2056 | 65 | 67.2 | 113 | 8.6 | 19 | 660 | 57.9 | VG |
| 2057 | 66 | 68.3 | 132 | 8.7 | 31 | 620 | 58.9 | R |
| 2058 | 67 | 68.0 | 290 | 9.0 | 19 | 575 | 58.1 | G |
| 2059 | 68 | 68.3 | 305 | 8.9 | 18 | 675 | 58.1 | R |
| 2060 | 69 | 64.3 | 120 | 9.0 | 19 | 625 | 58.1 | *R |
| 2061 | 70 | 64.8 | 72 | 10.2 | 22 | 705 | 59.3 | VG |

GRAIN TECHNOLOGY OF THE VARIETIES INCLUDED IN THE 13TH. ITSN, USING SEED FROM CIANO, YAQUI VALLEY, MEXICO (1980-81), DETERMINED IN CIMMYT WHEAT QUALITY LABORATORY

| Lab. No. | Origin Y80-81 | % Flour Yield | Grain Falling Number (SEC) | % Flour Protein | Sedimentation c.c. | Baking | | Cookies Overall Rating |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Loaf Vol. | $H_2O$ % Abs. | |
| 2062 | S- 71 | 65.1 | 83 | 10.1 | 20 | 655 | 59.3 | G |
| 2063 | 72 | 67.9 | 86 | 10.3 | 21 | 680 | 59.3 | VG |
| 2064 | 73 | 67.1 | 180 | 9.4 | 20 | 625 | 58.7 | R |
| 2065 | 74 | 65.2 | 78 | 9.1 | 25 | 735 | 58.1 | R |
| 2066 | 75 | 67.5 | 129 | 9.6 | 19 | 500 | 58.7 | G |
| 2067 | 76 | 65.9 | 83 | 9.0 | 24 | 735 | 59.1 | G |
| 2068 | 77 | 64.9 | 267 | 9.3 | 18 | 610 | 58.4 | G |
| 2069 | 78 | 65.5 | 261 | 9.4 | 21 | 650 | 58.7 | G |
| 2070 | 79 | 66.0 | 304 | 9.3 | 20 | 640 | 58.4 | G |
| 2071 | 80 | 66.7 | 286 | 8.9 | 13 | 500 | 58.1 | G |
| 2072 | 81 | 67.6 | 262 | 8.5 | 17 | 525 | 57.9 | VG |
| 2073 | 82 | 66.8 | 132 | 9.7 | 21 | 665 | 59.0 | VG |
| 2074 | 83 | 64.4 | 320 | 9.6 | 17 | 625 | 58.7 | G |
| 2075 | 84 | 65.6 | 303 | 9.3 | 17 | 600 | 58.4 | G |
| 2076 | 85 | 67.5 | 136 | 9.9 | 22 | 640 | 59.0 | G |
| 2077 | 86 | 65.1 | 144 | 10.3 | 26 | 700 | 59.3 | R |
| 2078 | 87 | 62.7 | 169 | 9.6 | 25 | 710 | 58.7 | G |
| 2079 | 88 | 63.1 | 66 | 9.7 | 29 | 515 | 60.0 | P |
| 2080 | 89 | 69.6 | 284 | 8.7 | 22 | 630 | 57.9 | G |
| 2081 | 90 | 66.6 | 140 | 9.9 | 23 | 600 | 59.0 | P |
| 2082 | 91 | 67.8 | 295 | 9.9 | 16 | 650 | 59.0 | VG |
| 2083 | 92 | 66.0 | 160 | 10.3 | 26 | 745 | 59.3 | VG |
| 2084 | 93 | 66.9 | 86 | 10.2 | 28 | 730 | 59.3 | G |
| 2085 | 94 | 60.6 | 68 | 10.1 | 20 | 605 | 59.3 | G |
| 2086 | 95 | 65.0 | 189 | 9.6 | 22 | 675 | 58.7 | G |
| 2087 | 96 | 62.0 | 66 | 9.9 | 24 | 630 | 59.0 | VG |
| 2088 | 97 | 61.6 | 114 | 9.6 | 21 | 610 | 58.7 | P |
| 2089 | 98 | 62.0 | 79 | 9.7 | 19 | 685 | 59.0 | G |
| 2090 | 99 | 67.3 | 239 | 9.7 | 16 | 620 | 59.0 | VG |
| 2091 | 100 | 63.2 | 146 | 9.7 | 24 | 775 | 59.0 | VG |
| 2092 | 101 | 68.9 | 775 | 11.9 | 40 | 900 | 66.0 | R (wheat) |
| 2093 | 102 | 67.9 | 234 | 9.8 | 16 | 675 | 59.0 | VG |
| 2094 | 103 | 65.4 | 147 | 9.4 | 17 | 470 | 58.0 | VG |
| 2095 | 104 | 63.9 | 177 | 9.3 | 25 | 510 | 58.4 | G |
| 2096 | 105 | 66.3 | 404 | 8.4 | 20 | 650 | 58.6 | R |
| 2097 | 106 | 65.4 | 106 | 8.9 | 21 | 450 | 59.1 | R |
| 2098 | 107 | 61.9 | 210 | 8.4 | 16 | 525 | 57.6 | G |
| 2099 | 108 | 63.2 | 288 | 9.2 | 24 | 740 | 58.4 | G |
| 2100 | 109 | 65.0 | 162 | 9.7 | 24 | 730 | 59.0 | VG |
| 2101 | 110 | 62.9 | 297 | 10.1 | 26 | 720 | 59.6 | G |
| 2102 | 111 | 65.3 | 242 | 9.3 | 20 | 640 | 58.4 | R |
| 2103 | 112 | 62.1 | 141 | 9.1 | 20 | 655 | 58.4 | G |
| 2104 | 113 | 67.0 | 237 | 9.2 | 23 | 710 | 58.4 | G |
| 2105 | 114 | 66.7 | 208 | 9.5 | 18 | 525 | 58.7 | G |
| 2106 | 115 | 66.6 | 143 | 10.0 | 19 | 555 | 59.3 | R |
| 2107 | 116 | 67.1 | 244 | 9.4 | 16 | 650 | 58.7 | G |
| 2108 | 117 | 67.0 | 345 | 9.9 | 15 | 575 | 58.0 | VG |
| 2109 | 118 | 65.1 | 177 | 9.5 | 21 | 620 | 58.7 | G |
| 2110 | 119 | 64.7 | 308 | 9.8 | 16 | 560 | 58.7 | VG |
| 2111 | 120 | 66.8 | 87 | 9.1 | 22 | 640 | 58.1 | G |
| 2112 | 121 | 68.6 | 139 | 9.9 | 22 | 740 | 59.0 | G |
| 2113 | 122 | 68.9 | 131 | 9.9 | 22 | 625 | 59.0 | P |
| 2114 | 123 | 63.8 | 264 | 11.0 | 20 | 645 | 60.1 | G |
| 2115 | 124 | 66.0 | 115 | 9.8 | 21 | 740 | 59.0 | G |
| 2116 | 125 | 65.5 | 114 | 9.3 | 19 | 730 | 57.4 | G |
| 2117 | 126 | 66.9 | 160 | 9.4 | 18 | 560 | 58.7 | G |
| 2118 | 127 | 66.0 | 89 | 9.4 | 20 | 520 | 58.7 | R |
| 2119 | 128 | 66.3 | 162 | 9.5 | 24 | 690 | 58.7 | P |
| 2120 | 129 | 68.0 | 173 | 9.1 | 17 | 625 | 58.1 | R |
| 2121 | 130 | 58.2 | 146 | 9.2 | 20 | 610 | 58.4 | R |
| 2122 | 131 | 68.0 | 169 | 9.8 | 21 | 680 | 59.0 | G |
| 2123 | 132 | 66.1 | 160 | 9.3 | 18 | 640 | 58.4 | G |
| 2124 | 133 | 64.7 | 98 | 8.7 | 20 | 630 | 57.9 | R |
| 2125 | 134 | 65.2 | 92 | 9.0 | 22 | 675 | 58.1 | VG |
| 2126 | 135 | 64.6 | 98 | 9.2 | 23 | 695 | 58.4 | VG |
| 2127 | 136 | 64.7 | 83 | 9.1 | 21 | 705 | 58.1 | VG |
| 2128 | 137 | 70.5 | 323 | 10.0 | 20 | 685 | 59.0 | G |
| 2129 | 138 | 67.9 | 101 | 8.0 | 12 | 500 | 57.3 | R |
| 2130 | 139 | 61.6 | 106 | 9.8 | 24 | 700 | 59.0 | R |
| 2131 | 140 | 67.5 | 222 | 9.6 | 28 | 610 | 58.7 | P |

GRAIN TECHNOLOGY OF THE VARIETIES INCLUDED IN THE 13TH. ITSN, USING SEED FROM CIANO, YAQUI VALLEY, MEXICO (1980-81), DETERMINED IN CIMMYT WHEAT QUALITY LABORATORY

| Lab. No. | Origin YBO-81 | % Flour Yield | Grain Falling Number (SEC) | % Flour Protein | Sedimentation c.c. | Baking | | Cookies Overall Rating |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Loaf Vol. | $H_2O$ % Abs. | |
| 2132 | S-141 | 69.6 | 129 | 9.3 | 26 | 570 | 58.4 | R |
| 2133 | 142 | 68.6 | 79 | 9.3 | 28 | 560 | 59.4 | P |
| 2134 | 143 | 66.7 | 123 | 9.2 | 29 | 595 | 59.4 | P |
| 2135 | 144 | 67.7 | 142 | 9.3 | 28 | 570 | 59.4 | P |
| 2136 | 145 | 67.7 | 100 | 9.3 | 29 | 575 | 59.4 | P |
| 2137 | 146 | 56.2 | 137 | 9.9 | 28 | 680 | 61.0 | P |
| 2138 | 147 | 67.7 | 92 | 7.9 | 20 | 470 | 59.0 | R |
| 2139 | 148 | 64.3 | 102 | 9.4 | 23 | 505 | 60.7 | P |
| 2140 | 149 | 70.6 | 424 | 9.1 | 22 | 520 | 58.4 | G |
| 2141 | 150 | 65.8 | 156 | 9.1 | 16 | 545 | 58.4 | G |
| 2142 | 151 | 69.0 | 138 | 8.9 | 28 | 605 | 58.1 | R |
| 2143 | 152 | 66.6 | 84 | 10.0 | 26 | 545 | 59.0 | R |
| 2144 | 153 | 68.4 | 153 | 9.0 | 25 | 520 | 58.1 | P |
| 2145 | 154 | 65.5 | 140 | 9.0 | 22 | 525 | 58.1 | P |
| 2146 | 155 | 66.7 | 279 | 8.9 | 19 | 465 | 58.1 | P |
| 2147 | 156 | 63.7 | 111 | 9 1 | 21 | 485 | 58.4 | P |
| 2148 | 157 | 67.4 | 115 | 9.8 | 15 | 475 | 59.0 | P |
| 2149 | 158 | 64.1 | 140 | 9.3 | 28 | 580 | 58.4 | P |
| 2150 | 159 | 66.2 | 326 | 9.4 | 27 | 525 | 58.4 | R |
| 2151 | 160 | 67.2 | 95 | 9.2 | 24 | 535 | 58.4 | R |
| 2152 | 161 | 68.8 | 148 | 9.5 | 29 | 615 | 58.7 | P |
| 2153 | 162 | 67.3 | 109 | 9.3 | 23 | 575 | 58.4 | R |
| 2154 | 163 | 68.8 | 191 | 9.2 | 29 | 610 | 58.4 | P |
| 2155 | 164 | 68.4 | 155 | 8.1 | 15 | 450 | 57.3 | G |
| 2156 | 165 | 67.5 | 165 | 9.1 | 16 | 490 | 58.1 | P |
| 2157 | 166 | 68.9 | 115 | 8.6 | 17 | 485 | 57.9 | R |
| 2158 | 167 | 68.3 | 124 | 8.1 | 14 | 450 | 57.3 | G |
| 2159 | 168 | 69.3 | 81 | 8.7 | 25 | 610 | 57.9 | P |
| 2160 | 169 | 68.4 | 103 | 9.2 | 28 | 610 | 58.1 | R |
| 2161 | 170 | 69.6 | 356 | 8.5 | 20 | 430 | 57.6 | R |
| 2162 | 171 | 70.8 | 194 | 9.1 | 31 | 550 | 59.1 | P |
| 2163 | 172 | 71.9 | 326 | 8.7 | 30 | 500 | 58.9 | P |


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