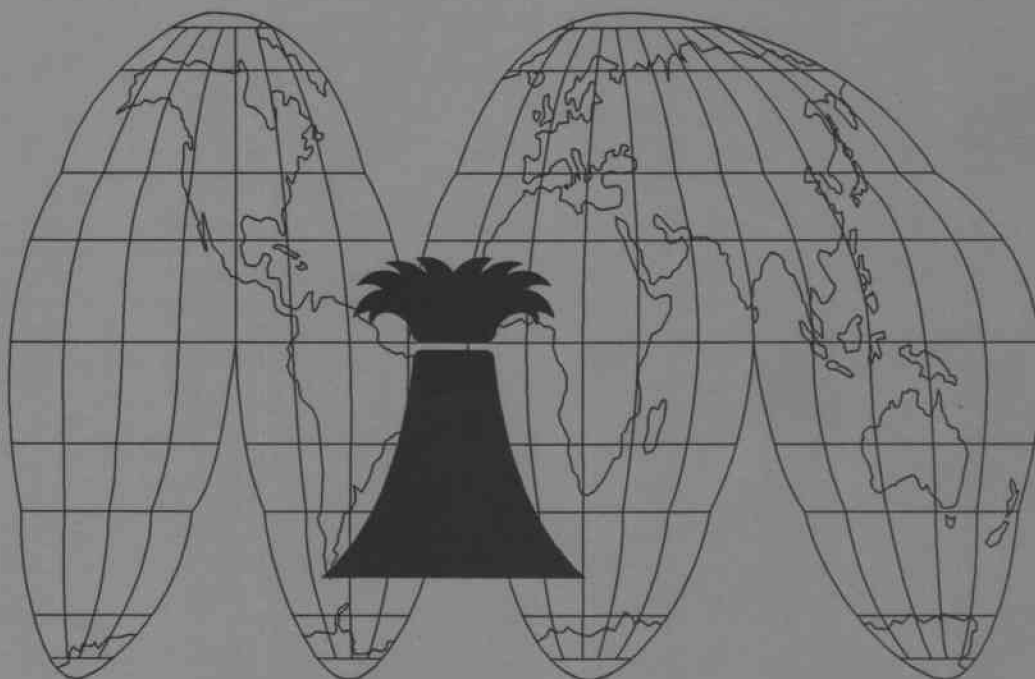


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Results of the Sixteenth International Late Maturing Winter X Spring Wheat Screening Nursery (1992 - 1993)



Special Report 938
Volume (16) 2

Agricultural Experiment Station
Oregon State University, Corvallis

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Results of the Sixteenth International
Late Maturing Winter X Spring
Wheat Screening Nursery
(1992-1993)

About This Report

This publication, Oregon Agricultural Experiment Station Special Report 938 reports the results of the 16th international *late* maturing winter x spring wheat screening nursery. It is identified as volume 16(2). Oregon Agricultural Experiment Station Special Report 937 is a companion publication, designed as volume 16(1). It reports the results of the 16th international *early* maturing winter x spring wheat screening nursery.

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INTRODUCTION

Since the inception of the screening nursery in 1973, Oregon State University has closely coordinated the development of germplasm with the International Center for Improvement of Maize and Wheat (CIMMYT). This has included exchange of winter and spring wheat parents, F_1 and early generation populations, data on this germplasm, and personnel from both institutes. The CIMMYT objectives have been to provide spring-type cereal germplasm to cooperating programs throughout the world, and provide short-term training for scientists from these programs as requested. The OSU objectives are to provide winter and intermediate-type wheat germplasm to the colder and higher elevation cereal regions worldwide, and provide graduate training for scientists from Less Developed Countries (LDCs). The total program allows for an active exchange of diverse wheat germplasm with cooperating institutes. Approximately 2,000 wheat accessions are received and evaluated at OSU annually from cooperators in winter cereal regions of the world.

This cooperative program provides (a) a source of exchanged wheat germplasm, (b) an accumulation of agronomic and disease data, (c) occasional visits to cooperating locations by participating scientists, (d) exchange of research information, and (e) a means of identifying future students for graduate study at OSU and other institutes. The overall objective is to strengthen national programs in developing countries. This program was expanded in 1985 with the establishment of a CIMMYT winter and facultative germplasm enhancement program in Turkey. Also, an international shuttle breeding system has been established where F_3 lines selected in Oregon are sent to Turkey and Toluca, Mexico after two years of selection in these latter locations. Selected lines are returned to Oregon and distributed in the screening nursery. Lines selected under Turkish conditions are sent out in the Facultative and Winter Wheat Observation Nursery (FAWWON), and distributed by CIMMYT/Turkey to areas where short cycle winter and facultative wheats are required. At Toluca, Mexico, in addition to exposing the material to different disease complexes, selections for day-length insensitivity can also be made for earliness.

As a consequence of the survey and some encouragement as to future funding, the spring x winter enhanced wheat germplasm program was reinitiated in 1992. The same format in reporting and summarizing data will be employed. In addition, selected F_4 lines will be sent to international centers in Mexico and Turkey for further selection with promising lines evaluated in regional screening nurseries. Also, a greater effort will be placed on developing germplasm for high elevation winter and facultative growing areas.

The 16th International Winter X Spring Wheat Screening Nursery represented both early and late maturing lines. The 18th screening nursery will again be divided based on material classes and will represent lines resulting from the international shuttle breeding approach. Results of the early maturity nursery are herein reported.

Nursery Locations

Cooperating countries are listed alphabetically in Table 1 along with the names of their respective stations, cooperating scientists, climatological data, and management practices. Those cooperators returning data are designated by an asterisk under the column heading DATA. The name of the local check variety is listed in the extreme right-hand column for each location.

Each cooperator has an assigned code number that is listed in Table 1 and appears on Figure 1 at the approximate location of each experimental site within the respective country.

Dates of planting, heading, and maturity vary greatly between and within certain countries. The growing season for each location receiving the nursery is listed geographically and as the total number of months (Figure 2). Elevation is also included since it influences the length of the crop season. These reported data are based on the heading date of the local check variety for each location. The locations having a length of growing season less than seven months require materials that combine characteristics of early maturity and frost tolerance.

Method of Summarizing Results

Data are reported by entry number and location code in Table 2. Data for entry 5, the local check, are tabulated for each specific location in Table 2; however, the check was used only for comparison and not included in the overall summary. Seed type (HR=Hard Red, HW=Hard White, SR=Soft Red, SW=Soft White) of each entry is listed across the entry designation. Grain yield is reported in kilograms per hectare (Kg/ha). Yield of a given entry is also listed as the percent of the local check. Seed density has been measured either as test weight recorded in kilograms per hectoliter (Kg/ha) or 1,000 kernel weight in grams. Plant height is reported in centimeters (cm). Lodging is noted as the percentage of leaning or fallen tillers in the plot. Days to flowering are computed from January 1. Rust disease (*Puccinia* sp.) data are reported according to modified Cobb's scale unless otherwise indicated by the cooperator. Leaf blotch (*Septoria* sp.) and powdery mildew (*Erysiphe* gr. *tri.*) are reported on a zero-to-nine scale with nine being the most susceptible. Stand establishment is noted as percent of stand in the fall. Winterhardiness is noted as the percent survival recorded in the spring. The selection (lines selected) column is provided for the cooperator to note the most promising entries in the nursery. These entries may have been chosen for advancement to yield trials or for possible parental use. A number of cooperators also reported on other characteristics listed in the miscellaneous (MISC) column according to a code. This code can be identified by referring to the comments on the appropriate table; for example, Table 3-xx where xx refers to the location code in Table 1.

A maximum of 25 lines selected for overall agronomic performance at each location are listed in the location tables (Table 3-xx). Superior performance was determined by assigning a score based on the rank of each line for each characteristic reported. A cumulative score is calculated by multiplying each line characteristic score by the weighted percentage and summing the results. Emphasis is placed on earliness, winterhardiness, and resistance to diseases. Percentage values assigned to each of the characters can be found in Table A.

TABLE A. WEIGHTED PERCENTAGES USED IN IDENTIFYING SUPERIOR LINES IN THE SCREENING NURSERY

<u>Character</u>	<u>Weighted Percentage</u>
Yield	15
Days to Flower	30
Winterhardiness	24
Lodging	1
Disease Resistance	30
a) <i>Puccinia striiformis</i> (stripe or yellow rust)	(6)
b) <i>Puccinia recondita</i> (leaf or brown rust)	(6)
c) <i>Puccinia graminis tritici</i> (stem or black rust)	(6)
d) <i>Septoria spp.</i> (leaf blotch)	(6)
e) <i>Erysiphe graminis tritici</i> (powdery mildew)	(6)

Total 100

If a particular location (Table 3-xx) reports certain characters, for example, only yield, days to flower, and stripe rust, then these characters are weighted to determine the superior agronomic performance of the line at that location. Traits such as test weight, plant height, and stand establishment were not included in weighted percentages. Characters that were included for weighing are indicated by an asterisk (*) above the appropriate column on each location table. Information relative to the specific management of each nursery is also included, along with general comments provided by each cooperator.

Many locations returned information on several of the same characteristics for all entries. Therefore, it was possible to identify 25 lines that demonstrated superior yield potential (Table 4), earliness (Table 5), and winterhardiness (Table 6). The most disease-resistant lines were also identified at several locations for stripe rust (Table 7), leaf rust (Table 8), stem rust (Table 9), Septoria leaf blotch (Table 10), and powdery mildew (Table 11).

Table 12, 13, and 14 identify the 25 lines of the IWSWSN that were selected for their superior performance under low (400 MM), intermediate (400 to 650 MM), and high (> 650 MM) rainfall and/or irrigation, respectively. Within each of these rainfall zones, the agronomic performance of a line was evaluated on the basis of yield, earliness, winterhardiness, and disease reaction on a weighted percentage as previously noted.

RESULTS AND DISCUSSION

Data in Tables 4 through 14 provide a basis of identifying those entries selected for specific traits. In Table 4, 25 entries are listed based on their yield response over all locations. For example, entry 99 (6720-11//MDA38/WRM/3/MLC) varied in yield from 1,604 to 12,619 Kg/Ha over the 12 locations reporting data for this line. Information on other traits measured and the number of cooperators involved are also reported for this and other entries listed in the table. It should be emphasized that due to the limited seed supply for the small, unreplicated, observation rows in the screening nursery, yield data are largely subjective. As noted in Table A, yield is not heavily weighted in identifying superior lines for this reason. However, harvested seed from selected plots should provide adequate quantities for replicated yield trials to be conducted in the following year. As previously mentioned, similar comparisons for the other traits are found in Tables 5 through 14.

Perhaps the most interesting comparisons for the entries are found in Table 15. In this table a summary is provided based on whether or not an entry ranked in the top 15 for each of the 11 traits reported across all locations. Several entries appear quite promising. Entry 74 (PJ/HN4//GLL/3/SERI) ranked first in overall performance in the higher rainfall zone and was listed in the top 25 entries for six other traits. Entry 58 (B8021/AMBASSADOR//CARGIDOC) was second for yield in the low rainfall zone, 14th in the intermediate rainfall, and 10th in the higher rainfall, in addition to being noted for three other traits. Another superior entry is number 45 (CARGL20//CARSTEN/GIGANT), which was ranked in the top 25 for eight traits including yield in two rainfall zones. Other entries ranked for five or more traits included entries 30, 32, 37, 50, 54, 57, 64, 91, 99, and 101.

Selections Advanced

In Table 3, where the results for specific entries are tested for the various agronomic traits, those entries that were selected for further evaluations are noted. This information is useful in evaluating the importance to place on parental lines or specific attributes to emphasize in planning for future crossing strategies. This past year 80 lines were selected for further testing. Entry 37 was selected by four cooperators for further evaluation.

Importance of Continued Exchange of Germplasm and Information

It has been stated that genetic diversity or germplasm is the life blood of all plant improvement programs. Certainly any productive plant breeder or related plant scientist would agree with this statement. Breeders today are highly indebted to those who have preceded them in adding, in a step-wise fashion, improved genetic combinations. With concerns restricting genetic erosion, laws such as varietal protection, and political issues regarding access to germplasm, the importance of such programs as promoted by CIMMYT, ICARDA, and OSU for the enhancement and distribution of wheat germplasm is clear. Breeders have an obligation to insure that future scientists have adequate genetic diversity if further progress is to be made to produce food more efficiently. It is equally true that even with the promise offered by biotechnology and recombinant DNA, there is still no substitute for the enhancement and distribution of germplasm.

ACKNOWLEDGEMENTS

The excellent cooperation of all cooperators throughout the world who carefully evaluate the entries and return data is greatly appreciated. It is only through this continued interest and cooperation that the objectives of the nursery can be realized.

Support for the International Winter X Spring Wheat Improvement Program is provided by the United States Agency for International Development (USAID).

Figure 1.

COOPERATORS RECEIVING THE 16TH ISWSWSN

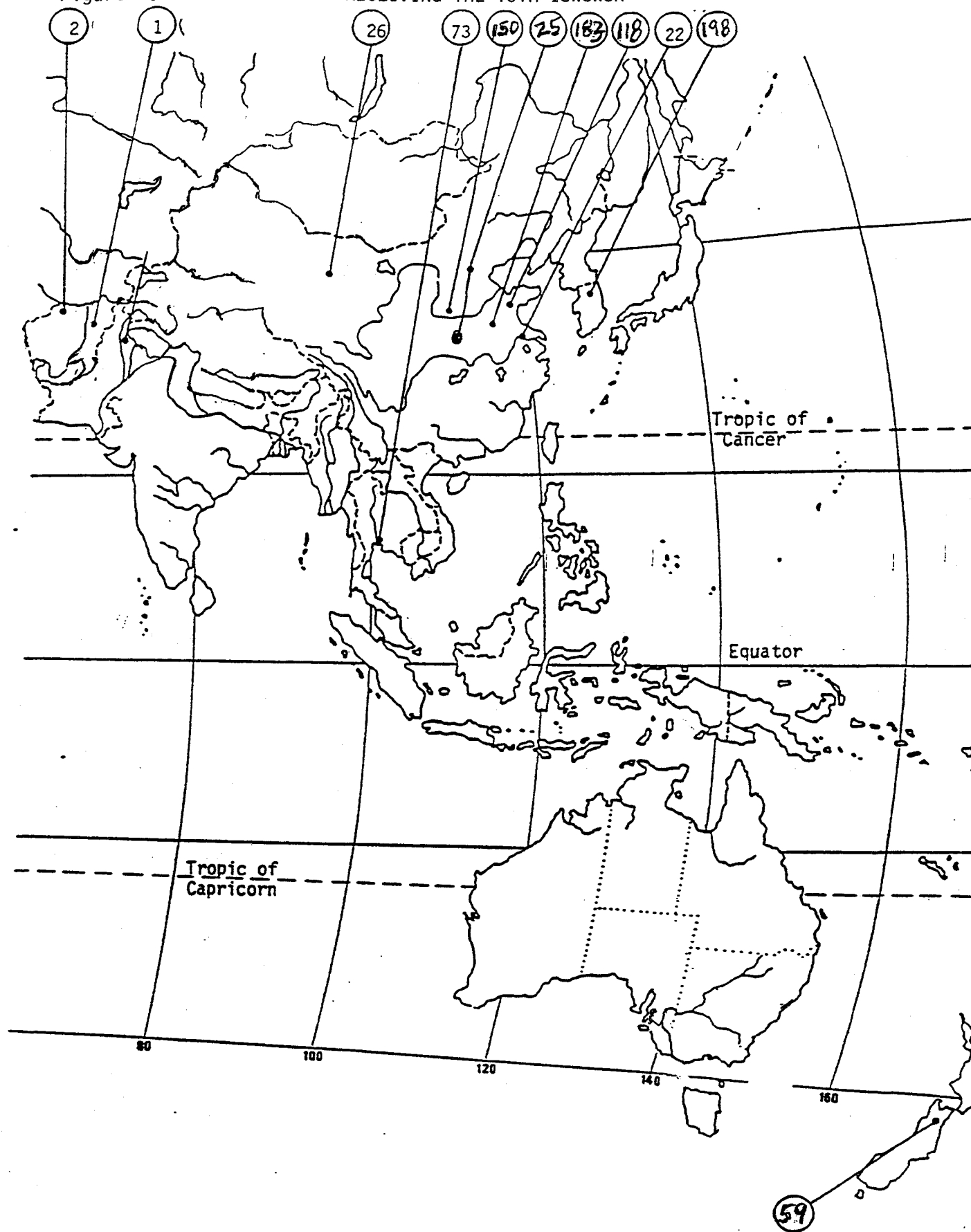


Figure 1. (cont.)

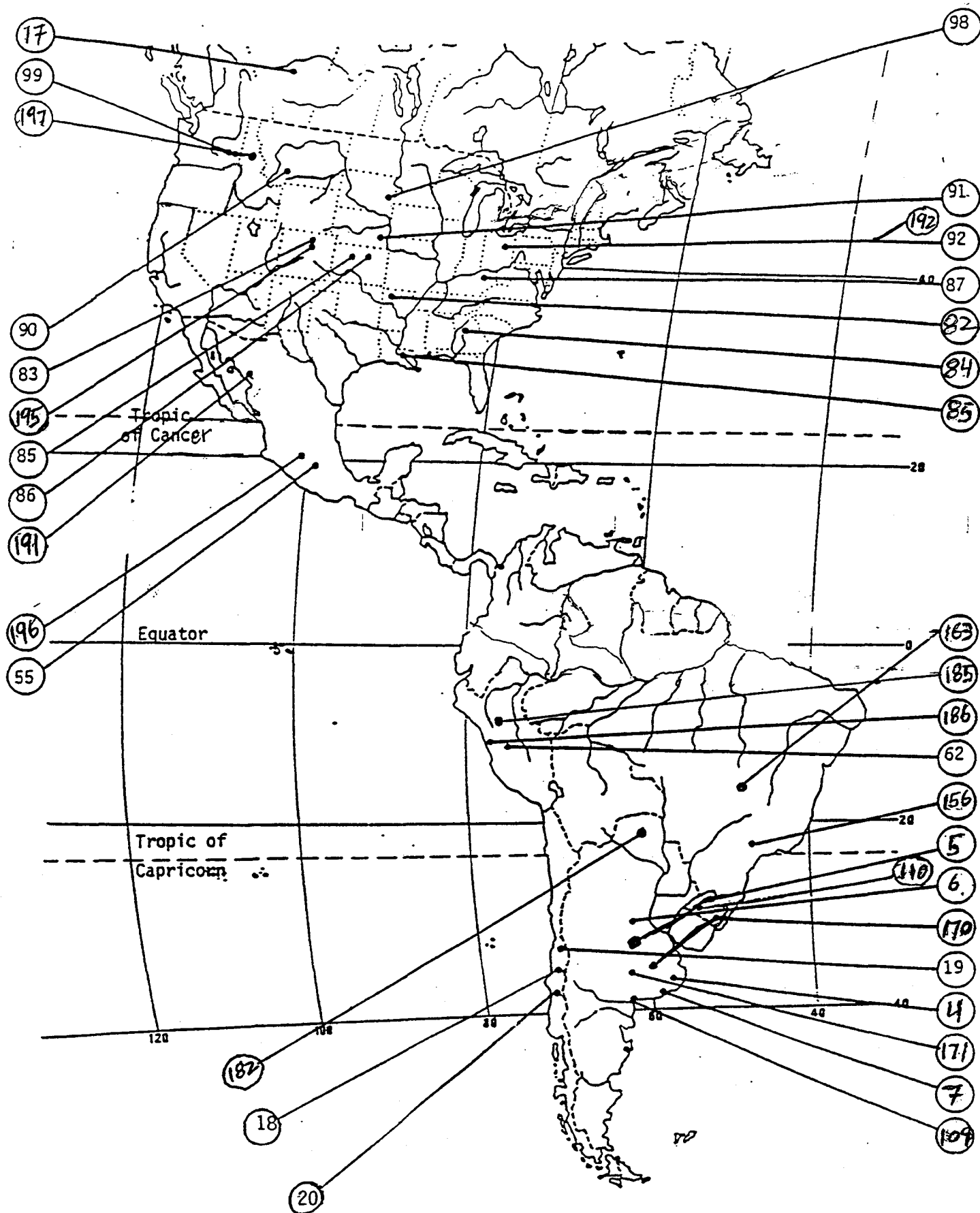


Fig.1 (cont)

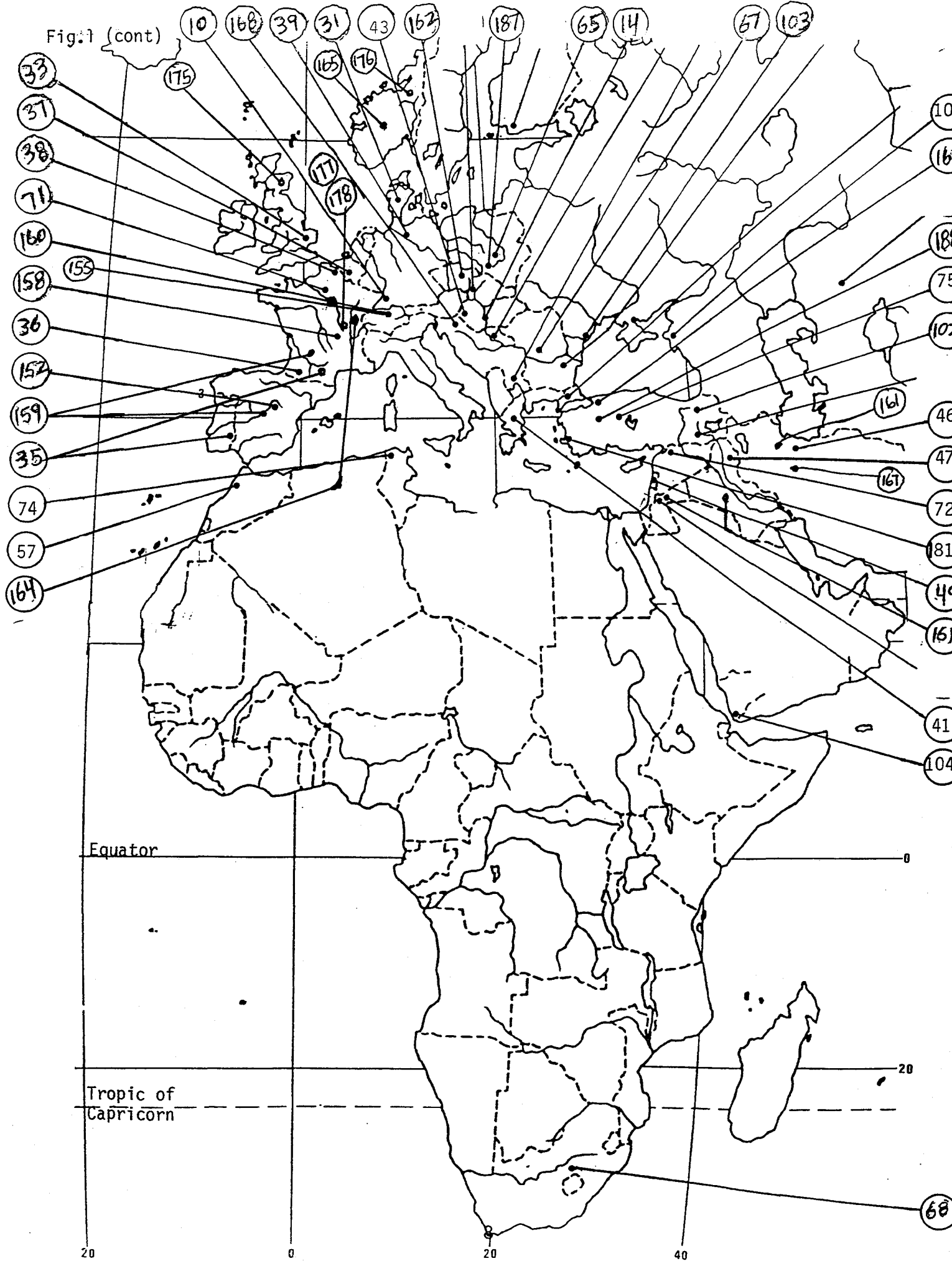


FIGURE 2. DATES OF PLANTING (P) AND HARVEST (H) FOR ALL LOCATIONS EVALUATING THE LATE IWSWSN.

LOCATIONS	LENGTH OF SEASON												ELEV (M)
	A	M	J	J	A	S	O	N	D	J	F	M	
	(MOS)												
Armenia, Yereran (172)	NO DATA RETURNED												
Belgium, Gembloux (10)	P											H	9.5
Bulgaria, Tolbuhin (14)	P											H	8.5
Canada, Quebec (17)	NO DATA RETURNED												
Chile, Santiago (19)	NO DATA RETURNED												
Chile, Santiago (18)	P												217
Chile, Santiago (20)	P											H	200
Czechoslovakia, Piest.(162)	P											H	157
Denmark, Odder (31)	NO DATA RETURNED												
England, Cambridge (33)	P												10
England, Cambridge (175)	NO DATA RETURNED												
Finland, Jokionen (176)	P											H	95
France, Clermont (35)	P												329
France, Verneuil (160)	P												50
France, Roissy (36)	P											H	8.5
France, Chartainv. (159)	P												
France, Somme (37)	P											H	85
France, Poinville (158)	P												130
France, Versailles (38)	NO DATA RETURNED												
France, Le Rhue (152)	P												40
Germany, Hamburg (39)	P											H	22
Germany, Seehof (177)	NO DATA RETURNED												
Germany, Benhurst (164)	P											H	10
Germany, Hohenhameln (178)	NO DATA RETURNED												
Mexico, Lisboa (55)	P											H	10
New Zealand, Christch. (59)	NO DATA RETURNED												2640
Peru, El Tambo (62)	NO DATA RETURNED												
Peru, Junin (185)	NO DATA RETURNED												
Peru, Hunacyo (186)	NO DATA RETURNED												
Poland, Warka (65)	NO DATA RETURNED												
Poland, Racot (187)	NO DATA RETURNED												
Romania, Fundulea (67)	P											H	9
South Africa, Pretoria (68)	P											H	6
Sweden, Landskrona (165)	P											H	11
Switzerland, Nyon (155)	P											H	9
Switzerland, Zurich (71)	P											H	9.5
Turkey, Ankara (166)	NO DATA RETURNED												
USA, Colorado (83)	P											H	10
USA, Kansas (85)	NO DATA RETURNED												1475
USA, Kansas (86)	NO DATA RETURNED												
USA, Kentucky (87)	NO DATA RETURNED												
USA, Ohio (92)	P											H	9.5
USA, Nebraska (91)	NO DATA RETURNED												1035
USA, Idaho (197)	NO DATA RETURNED												
USA, Montana (90)	NO DATA RETURNED												
USA, Colorado (195)	NO DATA RETURNED												
USA, North Dakota (99)	NO DATA RETURNED												
USA, Ohio (192)	NO DATA RETURNED												

FIGURE 2 (cont.)

USA, South Dakota (98)	NO DATA RETURNED		
USSR, Krasnodar (161)	P-----H	9	30
USSR, Oblast (102)	NO DATA RETURNED		
USSR, Odessa (103)	P-----H	9	42

CODE	COUNTRY	STATION	COOPERATOR(S)	SEASONAL RAINFALL MM	ELEV ZONE	M	LATITUDE LONGITUDE	PLANTED HARVESTED	APPLIED	LOCAL VARIETY DATA RETURNED
36	France	Hybritech Europe	O. Laudoyer	488	2	*	49° 'N 3° 'E	10/30/92 8/10/93	150N	Soissons *****
37	France	INRA	P. Pluchard		2	85	55°50'N 0° 7'E	10/27/92 8/20/93	124N	Eureka *****
38	France	Versailles	P. Auriau		3	118	48°48'N 2°04'W			NO DATA RETURNED
152	France	INRA, Station Des Plantes	Trottet	496	2	40	48° 4'N 1°44'W	11/5/92	100P 100K	Thesee *****
158	France	W. Weibull	J.P. Josset, E. Menager	480	2	130	48° 5'N 1° 8'E	10/12/92	120N	Soissons *****
159	France	Nickerson S.A.	Mme. Jayne T. Stragliati		2	*	* ° ' * ° '	2/11/92		Sideral *****
160	France	Verneuil Research	Duperrier	500	2	50	48° 'N 4° 'E	10/25/92	120N 40P 40K	Soissons *****
39	Germany	Ekelsdorf	Dr. J. Lange	942	3	22	54°01'N 10°43'E	10/1/92 8/20/93	200N	Astron *****
164	Germany	Semundo Saatztudt GmbH - Teendorf	S. Weibull AB, Sweden	393	1	*	* ° ' * ° '	10/1/92 8/9/93	200N	Orestis *****
177	Germany	Seehof	M. Martetschlager		1	*	* ° ' * ° '			NO DATA RETURNED
178	Germany	Zuchtstation Bierbergen	Dr. N. Wiersbinski		1	*	* ° ' * ° '			NO DATA RETURNED
55	Mexico	Atizapan, Metepec, Edo. De Mex.	CIMMYT	447	3	2640	19°16'N 99°51'W	11/6/92 8/10/93	150N 46P	Tam 200 *****
59	New Zealand	DSIR Crop Research	Dr. W.B. Griffin		2	11	43°38'S 172°30'E			NO DATA RETURNED
62	Peru	El Tambo	Ing. Jose Calderon Castillo		3	3325	12°04'S 75 12'W			NO DATA RETURNED

CODE	COUNTRY	STATION	COOPERATOR(S)	SEASONAL		LATITUDE	PLANTED	APPLIED	LOCAL VARIETY
				RAINFALL	ELEV				
				MM	ZONE	LONGITUDE	HARVESTED		DATA RETURNED
185	Peru	Atahualfa No. 201	Ing. Juan Mandujano Mieses	3	*	* ° '			NO DATA RETURNED
186	Peru	Jr. Cuzco No. 669	Ing. Rafael V. Torres Moita	3	*	* ° '			NO DATA RETURNED
65	Poland	Laski PBS	Tarostaw Bryka	2	155	51°44'N 20°42'E			NO DATA RETURNED
187	Poland	Choryn PBS	Barbara Weiss	2	*	* ° '			NO DATA RETURNED
67	Romania	Res. Inst. for Cereals/Crops-Fundul	Dr. N.N. Saulescu, Dr. GH Ittu	347	2	67 44°24'N 26°32'E	10/10/92 130N 80P 7/15/93		Flamura 85 *****
162	Slovakia	Piestany	Dr. Zofajova Alzbeta	359	1	157 48°34'N 17°45'E	10/12/92 38N 7/27/93		Kosutka *****
68	South Africa	Small Grain Cntr. - Bethlehem	I.B.J. Smit, A. Otto, S. Smith, J. S	444	3	1631 28°10'S 28°18'E	6/9/92 93N 42P 12/21/92 21K		Tugela36, Betta3 *****
165	Sweden	Weibullsholm	G. Svensson, Nils Johansson	560	2	* ° '	9/22/92 110N 30P 8/23/93 30K		Kosack *****
71	Switzerland	Swiss Fed. Res. Station for Agronomy	Dr. H. Winzeler	953	3	445 47°29'N 8°32'E	10/1/92 108N 7/20/93		Forno *****
155	Switzerland	Station Fed. - Changins	Dario Fossati	1195	3	430 46°24'N 6°14'E	10/13/92 90N 52P 7/22/93 52K		Obelisk *****
166	Turkey	Turkish/CIMMYT	Ekit, Bagci	1	1025	36° 'N 31° 'E			NO DATA RETURNED
103	Ukraine	Inst. of Plant Breeding & Genetics	Dir. V. Sokolov	365	1	42 46° 'E 31° 'N	10/2/92 120N 60P 7/26/93 60K		Albatros Odessky *****
83	USA	Fort Collins	J. Quick	300	1	1475 40°35'N 105°10'W	9/28/92 60N 40P 8/2/93		Yuma *****
85	USA	Fort Hays Branch Exp. Station	Joe Martin	2	609	99°30'W 39°00'N			NO DATA RETURNED

CODE	COUNTRY	STATION	COOPERATOR(S)	SEASONAL		LATITUDE	PLANTED	APPLIED	LOCAL VARIETY
				RAINFALL	ELEV				
MM	ZONE	M	LONGITUDE	HARVESTED					DATA RETURNED
86	USA	Agron. Dept. -- JH Hall	Rollin G. Sears	3	335	39°20'N 96°44'W			NO DATA RETURNED
87	USA	Dept. of Agronomy	Dave Van Sanford	3	300	38°02'N 84°36'W			NO DATA RETURNED
90	USA	Plant & Soil Science	Dr. Hockett	2	1368	45°40'N 111°00'W			NO DATA RETURNED
91	USA	University of Nebraska	C.J. Peterson	2	360	40°51'N 96°38'W			NO DATA RETURNED
92	USA	Sunbeam Extract Co.	H.N. Lafever	2	1035	40°47'N 81°56'W	10/2/92 7/14/93	56N 90P 90K	GR 915 *****
98	USA	Dept. of Plant Sciences	Dr. J.L. Gellner	2	*	* ° ' * ° '			NO DATA RETURNED
99	USA	North Dakota State University	Darrell Cox	3	283	46°53'N 97°14'W			NO DATA RETURNED
192	USA	Agron. Dept. O.A.R.D.C./O.S.U.	Dr. William A. Berzonsky	2	*	* ° ' * ° '			NO DATA RETURNED
195	USA	CARGILL Hybrid Seeds	Sid Perry	1	*	* ° ' * ° '			NO DATA RETURNED
197	USA	University of Idaho	Bob Zemetra	2	*	* ° ' * ° '			NO DATA RETURNED
101	USSR	Krasnodar Lukyanenko Research	Dr. Y. Puchkov	2	37	45°00'N 38°55'E			NO DATA RETURNED
102	USSR	Ag. Inst. of Cen. Non-Chernozem	Dr. V.G. Gulyayev	2	400	55°38'N 36°48'E			NO DATA RETURNED
161	USSR	Wheat Breeding Dept.	Dr. Y. Puchov	538	2	30 45° 1'E 38°57'N	10/19/92 7/14/93	60N 90P 60K	*****

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
1	BOLAL		BOLAL							HR	ID# =		1153 BOLAL		
10						138					8				
14	6700	91	44.	118		148				2	4				
17															
18	9912	78	84.1	135		139	70S	5S		5					
19															
20	6303	70					70S								
31															
33					40	147	60MS	60MS			3		60		
35				150		134	60S	80S			4				
36	3075	42		120	85	139					5				
37			42.3			138					6				
38															
39	1920	88	58.	90	20	148		65S		3	4	95	95		
55				115		170									
59															
62															
65															
67	4943			116		142				6			100	*	
68	3984	104	44.7	124		284				0					
71				130		138	99MS				2		100		
83	4876	86	258.	130		156									
85															
86															
87															
90															
91															
92		55		100		145					0		40		
98															
99															
101															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
35				115		138	5R	40S			6				
36	4215	58		115	85	145					5				
37			36.3			142					7				
38															
39	1760	81	56.	80	20	152		25S		2	2	98	100		
55				95		183									
59															
62															
65															
67	4221			92		146				5			100	*	
68	3212	84	44.3	97		255				1					
71				110		140	40MR	80S			4		100		
83	4970	87	251.	105		159									
85															
86															
87															
90															
91															
92		116		90		149					1		80		
98															
99															
101															
102															
103	5147	89	46.	95		144		80S			5	67	100		
152							2MR	5MS			5				
155	1600	45	69.4	90		141				3	7	100	100		
158					30	136		50S		4	3		60		
159					95	142		5S	20S	6					
160										4					
161	3420	400	49.	85		142		40S				90	100		
162	1464	89	43.7	84		127					6	100	80		
164	9137	107	49.5	95	20					4	8		50		
165	3690	51	50.			144					3				
166															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
3 ANZA ANZA HR ID# = 415 ANZA															
10															
14															
17															
18	7455	58	82.4	70		126	50S			7					
19															
20	3608	40					70MS								
31															
33					20	142	60MS	60S			2		40		
35				85		127	50S	5R			7				
36	2530	34		70	0	131					9				
37			3.3			132					8				
38															
39	1720	79	56.	70	20	150		99S		4	5	98	95		
55				55		161									
59															
62															
65															
67															
68	4151	109	48.9	65		236									
71															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
83	1677	29	236.	70		154									
85															
86															
87															
90															
91															
92													0		
98															
99															
101															
102															
103												73			
152							2MR				7				
155	1600	45	64.9	60		130				9	8	100	100		
158													0		
159					85	136			40S	8					
160										7					
161															
162	904	55	42.4	80		134					6	100	45		
164															
165															
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

19

[illegible]

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	4289	75	42.3	70		134		80S			1	86	100		
152							2MS	5S			7				
155	1334	37	57.	80		135				9	8	100	100		
158						129		50S		4	3		60		
159						136			65S	6					
160										6					
161	1995	233	48.	70		138		60S				80	100		
162	1364	83	40.4	73		128					7	80	80		
164	5269	61	37.7	75	10					8	9		50		
165	2000	27	45.			141					2				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
5											ID# =		LOCAL CHECK		
10						147					6				
14	7700	104	45.2	90		150				3	6				
17															
18	12703	100	80.6	100		154		5MS		5					
19															
20	8137	91						1R							
31															
33					10	159	40MS	10MR			3		40		
35				90		137	5R	70S			2				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	7045	97		85	0	142					5				
37			81.7			140					2				
38															
39	2200	101	60.	105	20	153		65S		2	2	98	100		
55				95		149									
59															
62															
65															
67	5499			86		142				4			100	*	
68	3316	87	41.8	83		259				4					
71				100		146	10R	15S			2		100		
83	6005	105	247.	95		154									
85															
86															
87															
90															
91															
92		130		86		148					0		93		
98															
99															
101															
102															
103	6291	110	39.1	86		143					3	73	100		
152							1MS	40S			4				
155	3868	109	70.9	100		147				4	3	100	100		
158						136		60S		4	1		65		
159						140		20S	25S	5					
160										4					
161	855	100	47.2	65		139		60S				50	100		
162	1912	116	39.4	63		129					5	100	100		
164	8004	94	47.6	100	70					6	7		40		
165	6120	84	48.			141					0				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
6 OWT852716 AU/ERA/4/KAL/PMF/3/7C/CNO//CAL,F1/5/DYBR83-81 HR ID# = 900014 OR 900014															
10						147					7				
14	6600	89	38.4	95		152				1	0				
17															
18	6955	55	76.8	110		154	80S			4					
19															
20	3675	41					80S								
31															
33					30	155	60S				3		40		
35				120		140	10MR 10MR				7				
36	3550	48		110	20	149					4				
37			29.3			145					8				
38															
39				95	10	150						95	100		
55				110		169									
59															
62															
65															
67				91		148				6			90		
68	3777	99	34.4	95		260				0					
71				115		144					4		100		
83	3916	69	221.	110		163									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		53		104		151					2		85		
98															
99															
101															
102															
103	7721	135	37.7	110		148					5	60	80		
152							1MS				7				
155	3335	94	73.5	115		144				6	8	100	100		
158					30	143				5	5		60		
159					25	151			259	5					
160										3					
161				80		146		5MR				50	100		
162	872	53	40.6	74		137					5	80	70		
164	7403	87	71.2	115	80					3	8		70		
165	1670	23	48.			145					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
7	OWL852524		ND/P101//BB/GLL/3/TJB54-218/MHB30-2//HTL												
10						143					8				
14	6100	82	34.8	82		151				3	0				
17															
18	11870	93	82.4	95		143	20MS	40MS		5					
19															
20	6116	68					5MR								
31															
33					30	154	20MR	20MR			3		40		
35				105		136	10MR	5R			4			*	
36	6410	88		100	20	139					3				
37			54.6			141					6				
38															
39				90	10	148						95	100		
55				100		102								*	
59															
62															
65															
67				82		144				7			90		
68	3605	94	41.7	78		255				0					
71				95		143	5R	50S			0		100		
83	4155	73	220.	95		160									
85															
86															
87															
90															
91															
92				89		148					0		90		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	457	7	41.7	80		140		40S			1	60	100		
152							10S				3				
155	4669	132	68.6	100		138				8	3	100	100		
158						134				5	1		60		
159						138			20S	5					
160										5					
161				70		142		40S				60	100		
162	1012	61	45.4	63		137					5	80	70		
164	7070	83	34.6	90	20					5	7		70		
165	3760	52	51.			144					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

25

8	OWL852563	F12.71/COC//CARSTEN/GIGANT					SR	ID# =	900327 OR 900327
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10						140			8
14	6500	88	39.2	82		151		1	0
17									
18	12203	96	81.7	100		141	40MS	5	
19									
20	7910	88					1R		
31									
33					10	149	10MR 10MR		3
35				110		134	5R 5R		6

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	3400	46		100	20	140					8				
37			36.7			140					8				
38															
39				100	10	147						95	100		
55				90		169								*	
59															
62															
65															
67				83		142				6			100		
68	2281	60	37.2	81		250				0					
71				100		139		50S			5		100		
83	4112	72	231.	85		158									
85															
86															
87															
90															
91															
92		129		94		145					2		98	*	
98															
99															
101															
102															
103															
152											7				
155	4802	135	70.3	100		136				8	8	100	100		
158						131				5	3		60		
159						138			25S	7					
160										6					
161				70		144		40S				50	100		
162	1040	63	37.3	64		134					7	70	70		
164	5736	67	56.5	85	10					6	7		50		
165	2390	33	48.			143					0				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
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175
176
177
178
185
186
187
192
195
197

9	OWP852573	NS2568-2//BEZ.DW/ZG1477/3/MZL/TI								HR	ID# =	900335 OR 900335			
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10						140					6				
14	4900	66	34.4	90		151				1	0				
17															
18	9829	77	82.8	110		143	40MS			5					
19															
20	4608	51					10MS								
31															
33					30	149	60MS				4		50		
35				105		139		10MR			2				
36	3910	53		100	50	143					5				
37			31.7			141					8				
38															
39				95	10	150						100	100		
55				80		170									
59															
62															
65															
67				92		146				6			100		
68	2748	72	38.3	82		262				2					
71				105		142	10MS	20S			1		100		
83	4629	81	232.	100		161									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92				99		148					0		92		
98															
99															
101															
102															
103	4861	84	41.7	95		144					1	45	100	*	
152							1MR				4			*	
155	4535	128	74.1	115		138				7	5	100	100		
158						133				5	3		50		
159					30	142		5S	65S	5					
160										4					
161	2280	266	51.8	80		143		5S				80	100		
162	1428	87	44.4	71		136					5	80	70	*	
164	7670	90	43.7	90	20					4	7		30		
165	3550	49	47.			143					3				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
10	OWS852631	ADAM/3/MLC													
10						148					6				
14	5700	77	42.8	85		154				1	5				
17															
18	11745	92	80.3	100		155	10MS	5MS		6					
19															
20	7183	80					10MS								
31															
33					30	154	40MR				3		50		
35				100		145	10MR				5				
36	5500	75		105	10	149					3				
37			9.			146					7				
38															
39				95	10	149						95	100		
55				95		186									*
59															
62															
65															
67				88		149				5			100		
68	4126	100	38.	91		268				0					
71				100		145	5R	70MS			3		100		
83	4856	85	203.	100		163									
85															
86															
87															
90															
91															
92		106		98		150					0		92	*	
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	6291	110	39.3	94		149		60S			5	49	100		
152							1MR	1S			5			*	
155	4135	116	67.5	105		143				6	7	100	100		
158						141		40S		5	3		60		
159						141			15S	4					
160										3					
161	4275	500	48.2	80		148		20MS				90	100		
162	1592	97	49.1	76		139					3	100	55		
164	8804	103	43.5	95	10					3	7		30		
165	3540	49	50.			145					2				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

11	SEP831010	SPN/4/D6301/HN7//ERA/3/BUC/5/MLC/	ORCW8113=MLC	SR	ID# =	900438 OR 900438
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10					147		6								
14	5400	73	40.	85	153					1	2				
17															
18	15285	120	80.3	95	155	10MR	30MS			6				*	
19															
20	7397	82				20MR									
31															
33					10	155	40MR				2		50		
35				105	145	10MR	40S				6				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	2835	39		100	10	151					3				
37			61.7			147					7				
38															
39				100	10	148						90	100		
55				70		178									
59															
62															
65															
67				75		149				7					
68	4576	120	44.4	87		266				0				100	
71				95		146	20MR	50MR			4			100	
83	3876	68	206.	95		163									
85															
86															
87															
90															
91															
92				89		152					2			88	
98															
99															
101															
102															
103	4003	70	35.5	90		148		40S			3	57	100		
152							5MR				6				
155	3468	98	66.4	100		144				7	8	100	100		
158						143				5	3		70		
159						154			20S	4					
160										3					
161				75		149		60S				90	100		
162	452	27	50.3	70		141					4	100	10	*	
164	7803	91	79.	90	10					4	8		70		
165	3260	45	56.			146					2				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
12	XW7853961		SWM845062,F1/4/F1,CHR//ERA/1161-6/GJO.S/3/RMNF12-71/J								HR ID# =	900457 OR 900457			
10						141					8				
14	6800	92	36.8	86		152				4	0				
17															
18	7746	61	76.6	95		151	90S	10MS		6					
19															
20	3501	39					90S								
31															
33					20	146	60S	10MR			5		50		
35				105		137	5R				6				
36	2745	37		95	50	143					5				
37			30.3			141					8				
38															
39				100	10	149						95	100		
55				85		168									
59															
62															
65															
67				85		143				7			100		
68	3205	84	42.3	76		258				0				*	
71				100		140	60MR				4		100		
83	5617	99	231.	100		154									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - ILATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		132		93		146					1		95	*	
98															
99															
101															
102															
103	4575	80	37.5	94		144					7	57	100		
152							5MR	1S			6				
155	4402	124	67.5	105		138				8	8	100	100		
158					30	133		40S		5	3		60		
159						139			40S	5					
160										5					
161				65		145		20MS				50	100		
162	1336	81	44.6	71		136					4	100	100	*	
164	6536	76	68.9	90	10					5	8		40		
165	2330	32	53.			144					3				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
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13	SWM15330		NZT/BEZ1//ALD"S								F1 ID# =	900489 OR 900489			
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10						140					8				
14	5900	80	34.	96		151				3	0				
17															
18	11703	92	79.7	120		142	90S			5					
19															
20	5436	60					80MS								
31															
33					10	149	60MS 10MR				4		50		
35				115		137					6				
36	3740	51		110	50	142					5				
37			24.			142					8				
38															
39				100	10	149						95	100		
55				95		172									
59															
62															
65															
67				93		145				6			95		
68	3862	101	37.9	98		251				0					
71				120		141		30MS			3		100		
83	5064	89	236.	110		160									
85															
86															
87															
90															
91															
92		89		106		148					0		92		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	4861	84	38.8	115		144					7	57	100		
152											7				
155	4802	135	73.4	120		138				7	7	100	100		
158					30	134				5	3		50		
159						140			40S	5					
160										3					
161	2850	333	43.6	85		142		5MR				90	100		
162	1372	83	41.	85		136					6	100	80	*	
164	6936	81	59.2	100	10					5	8		70		
165	4040	55	52.			145					2				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

14	WXC871049	VW771595G21/3/SPN//63-189-66-7/BEZ/4/VPM/MOS951//2*HILL SR	ID# =	901966 OR 901966
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10						144					6				
14	5700	77	40.	95		156				3	0				
17															
18	11245	88	79.9	100		155		5MS		5					
19															
20	7403	82						5MR							
31															
33					20	155	10MR				4		50		
35				105		144	5R	60S			6				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	6320	87		110	20	149					3				
37			57.			147					7				
38															
39				100	10	145						95	100		
55				80		184									
59															
62															
65															
67				88		150				6					
68	3859	101	42.2	97		266				5					
71				105		146	1R	40MS			5		100		
83	4315	76	196.	110		164									
85															
86															
87															
90															
91															
92		92		97		152					4		96		
98															
99															
101															
102															
103	6005	104	36.	96		146					7	69	100		
152							50S				7			*	
155	2668	75	63.2	105		146				8	6	100	100		
158						141		30S		4	4		100		
159						154			25S	5					
160										3					
161	2850	333	46.6	75		148		5MR				90	100		
162	1824	111	48.3	76		135					5	100	80		
164	7537	88	62.5	95	10					4	8		40		
165	5580	77	55.			148					4				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
15 HYB89F014 ORS112.84/GALAXIE SR ID# = 3900179															
10						144					8				
14	7200	97	34.8	95		151				6	0				
17															
18	12411	98	83.2	105		153		40MS		5					
19															
20	9678	100						5MR							
31															
33					20	154	20MR	20MR			6		50		
35				120		140	5R				6				
36	4550	62		110	50	143					5				
37			31.7			144					8				
38															
39				95	10	146						95	100		
55				85		182								*	
59															
62															
65															
67				83		148				6			95		
68	3523	92	39.	100		262				2					
71				105		142	1R	30S			5		100		
83	5676	100	224.	105		159									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		114		100		149					4		92		
98															
99															
101															
102															
103	6291	110	39.	103		144					7	47	100		
152							1MR	1S			8				
155	3601	101	67.9	115		139				7	7	100	100		
158						137		40S		5	4		60		
159					60	141			40S	7					
160										7					
161	4275	500	47.2	80		146		5MR				100	100		
162	720	43	48.8	65		136					6	100	10		
164	6670	78	58.7	100	20					4	9		70		
165	3750	51	55.			144					5				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
16	HYB89F021	THESEE/ANDAIN													
10						141					6				
14	4800	65	30.8	78		151				1	0				
17															
18	11786	93	84.1	100		140	30MS	30MS		5					
19															
20	5656	63					30MS								
31															
33					20	148	20MR	10MR			4		50		
35				110		133	5R	20S			5				
36	6460	88		95	35	140					5				
37			41.			141					7				
38															
39				95	10	149						95	100		
55				80		170									
59															
62															
65															
67				72		147				7			80		
68	3716	97	37.	86		249				0					
71				95		139	20MS	99S			3		100		
83	4954	87	241.	95		160									
85															
86															
87															
90															
91															
92				92		148					4		90		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
103	3203	56	34.2	81		144					5	61	80		
152							1MR	5S			6				
155	5336	150	73.2	100		138				6	8	100	100		
158						134		50S		6	3		50		
159						140			65S	5					
160										3					
161	3705	433	44.4	75		142		1R				90	100		
162	452	27	48.3	63		137					7	100	5	*	
164	5269	61	53.3	85	20					4	8		70		
165	3590	49	50.			144					6				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

17	HYB89F076	HCT/AB.H2//CGA.ALD.S MFO	SR	ID# =	3900191
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10						145					7				
14	3300	44	34.4	69		154				1	1				
17															
18	10953	86	75.4	95		151	5MR	20MS		5				*	
19															
20	7457	83					10MR								
31															
33					20	154	5R	40MR			3		50		
35				100		140		5R			3			*	

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	5485	75		95	20	146					3				
37			48.7			142					8				
38															
39				95	10	148						95	100		
55				85		179								*	
59															
62															
65															
67				80		150				6			60		
68	3234	85	33.	80		250				3					
71				95		144		40MR			0		100		
83	4684	82	189.	95		163									
85															
86															
87															
90															
91															
92				80		148							5		
98															
99															
101															
102															
103	4003	70	31.3	82		145		40S			3	52	80		
152											6				
155	3468	98	56.6	95		142				8	5	100	100		
158						139				4	3		50		
159						141			25S	4					
160										4				*	
161				65		149		40S				50	100		
162	648	39	40.9	54		137					5	80	5	*	
164	6336	74	51.8	90	10					4	4		70		
165	2110	29	45.			145					2				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
18 HYB89F087 APOLLO/6119 SR ID# = 3900195															
10						143					8				
14	5000	68	34.8	85		152				0	0				
17															
18	10537	83	84.6	100		148	30MS	5S		4					
19															
20	5135	57					40MS								
31															
33					10	150	20MR	40MR			4		50		
35				105		127		10MR			7				
36	3670	50		105	20	142					5				
37			22.			144					7				
38															
39				95	10	149						95	100		
55				85		186									
59															
62															
65															
67				83		144				4			100		
68	3398	89	36.9	79		257				2					
71				100		143		20S			3		100		
83	4484	79	221.	100		159									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92				85		148					3		40		
98															
99															
101															
102															
103	3431	59	36.4	95		146		1R			5	62	100		
152											7				
155	4802	135	72.7	100		138				7	7	100	100		
158						135				4	3		60		
159						138			40S	5					
160										5					
161	1995	233	42.6	75		140		5MR				80	100		
162	1560	95	45.1	67		136					6	80	80	*	
164	7937	93	40.	90	20					4	8		50		
165	4750	65	44.			144					3				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
19	HYB89F116		GRANADA.KURT//6115												
10						142					8				
14	5400	73	34.	88		151				0	0				
17															
18	11037	87	80.1	105		150	60S	10MS		4					
19															
20	3915	43					90S								
31															
33					20	153	60MS	20MR			4		50		
35				105		139	5R	5R			7				
36	2690	37		100	20	144					6				
37			48.3			146					5				
38															
39				100	10	149						95	100		
55				105		186									*
59															
62															
65															
67	4721			88		147				4			100	*	
68	3491	91	40.2	78		261				0					
71				105		144	5MR	5R			0		100	*	
83	4029	71	218.	95		162									
85															
86															
87															
90															
91															
92		105		90		150					1		80		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	6005	104	36.3	105		145		1R			5	67	100		
152							5MS				8				
155	5736	162	73.9	105		139				6	7	100	100		
158						139				3	4		100		
159						142			25S	5					
160										5					
161	3990	466	44.4	80		146		1R				90	100		
162	1600	97	43.2	83		135					8	100	100	*	
164	7136	83	40.8	95	10					4	9		50		
165	5670	78	36.			146					7				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

45

21	HYB89F169	ARISTIDE/DELFI//GALAXIE								SR	ID# =	3900201
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10						144					8	
14	6000	81	36.8	78		147				1	0	
17												
18	10329	81	83.2	85		148	60S	30MS		6		
19												
20	3895	43					50MS					
31												
33					10	152	40MR	40MR			4	50
35				85		139					7	

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	1720	23		85	75	143					9				
37			51.3			141					7				
38															
39				95	20	149						95	100		
55				80		176								*	
59															
62															
65															
67				83		147				7			100		
68	2813	74	32.8	72		254				3					
71				95		144	1R	99S			4		100		
83	4237	74	228.	85		161									
85															
86															
87															
90															
91															
92				84		151					1		50		
98															
99															
101															
102															
103	3145	55	37.4	83		145					5	67	100		
152							1MS				7				
155	5069	143	71.1	85		140				6	8	100	100		
158						136				6	4		60		
159					100	141			25S	6					
160										6					
161	3420	400	47.8	75		142		10MR				90	100		
162	1040	63	42.6	67		137					5	100	100	*	
164	5736	67	40.8	90	30					7	8		70		
165	5950	82	46.			146					6				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - ILATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
22 HYB89F172 CAMP-REMY/GALAXIE//DELFI SR ID# = 3900202															
10						144					8				
14	6700	91	38.4	85		150				1	0				
17															
18	11037	87	79.	110		149	80S	20MS		5					
19															
20	3655	40					80S								
31															
33					20	153	40MS	20MR			5		50		
35				105		140		5R			8				
36	4675	64		95	75	145					9				
37			51.3			144					8				
38															
39				100	20	150						98	100		
55				100		187									*
59															
62															
65															
67	5443			92		147				6			100	*	
68	3598	94	37.3	83		261				2					
71				105		145	5MR				4		100	*	
83	4472	78	222.	100		161									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		101		88		152					3		75		
98															
99															
101															
102															
103	6063	106	39.1	102		145					7	51	100		
152							2MS				8				
155	6670	188	74.8	110		143				6	7	100	100		
158						140		10S		3	5		100		
159					40	141		1S	25S	5					
160										4					
161	1995	233	43.8	75		145		1R				60	100		
162	996	60	53.5	78		137					8	100	100	*	
164	7270	85	40.8	95	10					4	3		40		
165	6250	86	42.			146					8				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
23	HYB89F177	PERNEL/ADAM//THESEE					HR		ID# =	3900204 OR 900204					
10						142					8				
14	5700	77	45.6	82		151				1	5				
17															
18	12453	98	82.6	95		150				4				*	
19															
20	6423	71						1R							
31															
33					30	146	10MR	60MS			4		40		
35				100		138		20S			7				
36	3560	49		100	35	141					5				
37			30.7			142					8				
38															
39				100	30	150						100	100		
55				75		169									
59															
62															
65															
67				80		144				6			100		
68	3302	86	47.	81		262				3					
71				95		139		50MS			1		100		
83	5409	95	240.	95		153									
85															
86															
87															
90															
91															
92				83		148					0		60		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	5147	89	40.3	100		143		20S			3	54	100		
152											8				
155	5336	150	72.5	100		139				7	8	100	100		
158						136		20S		6	2		100		
159					100	143		1S	25S	5					
160										5					
161				70		141		10MR				60	100		
162	704	42	39.8	65		136					6	70	55	*	
164	6003	70	44.6	85	20					7	2		40		
165	4750	65	53.			144					6				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

24	HYB89F377	ANDAIN/AD.T//MOULIN	SR	ID# =	3900229
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10					140					5					
14	6000	81	45.2	83	148					1	0				
17															
18	12869	101	81.5	100	149	40S	30MS			5					
19															
20	8404	94				40MR									
31															
33					30	146	40MS	40MR			2		40		
35				100		137	20S	5R			4			*	

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	5580	76		100	20	143					4				
37			35.7			143					8				
38															
39				100	30	149						100	100		
55				70		165									
59															
62															
65															
67				78		145				6				90	
68	3516	92	38.7	78		257				5					
71				95		140		30MR			3		100		
83	5029	88	237.	85		153									
85															
86															
87															
90															
91															
92				76		149					0		50		
98															
99															
101															
102															
103	6177	100	41.2	94		142					1	69	80	*	
152							2MS				5				
155	5069	143	70.5	100		138				7	5	100	100		
158						136		10S		6	2		60		
159					100	142		5S	20S	5					
160										5					
161	1995	233	46.6	65		142		5MR				60	100		
162	544	33	49.9	73		136					6	70	25	*	
164	6936	81	84.7	85	10					6	4		70		
165	6270	86	48.			143					4				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
25 WV870255 SPN//63-189-66-7/BEZ/3/FW771595G02 SR ID# = 908035 OR 908035															
10						145					7				
14	6200	84	40.8	83		148				0	2				
17															
18	13619	107	79.	100		154		40MS		4					
19															
20	5742	64						50S							
31															
33					20	155	40MS	10MR			4		40		
35				90		144		5R			8				
36	4455	61		100	20	150					8				
37			51.3			144					8				
38															
39				90	30	151						100	100		
55				70		186									
59															
62															
65															
67				81		149				6			100		
68	3098	81	35.5	81		265				3					
71				95		145					6		100		
83	4127	72	201.	105		161									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		60		80		152					1		50		
98															
99															
101															
102															
103	3717	64	33.8	83		149		1R			5	80	100		
152							1MR				8				
155	2267	64	55.8	95		144				7	7	100	100		
158						142				5	3		100		
159					100	154		25S	25S	5					
160										6					
161	4275	500	47.8	70		149		5MR				90	100		
162	1584	96	44.7	65		138					7	100	80	*	
164	5269	61	34.2	80	10					6	2		50		
165	6670	92	51.			145					8				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - ILATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
26	WWV870255		SPN//63-189-66-7/BEZ/3/FW771595G02												
10						147					8				
14	5500	74	40.	85		151				0	0				
17															
18	13327	105	79.4	100		155		30MS		4				*	
19															
20	6549	73						20MS							
31															
33					10	154	60MS	60S			3		40		
35				100		143	5R	40S			7				
36	4470	61		105	20	146					7				
37			43.			144					9				
38															
39				95	40	153						95	100		
55				75		186									
59															
62															
65															
67	6443			85		148				6			100	*	
68	3070	80	34.3	83		266				2					
71				95		145	1R	99S			6		100		
83	4798	84	202.	105		161									
85															
86															
87															
90															
91															
92				82		152					1		40		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	3431	59	28.6	90		149		40MR			7	86	100		
152							1MS	2S			8				
155	3201	90	62.1	100		144				5	8	100	100		
158						142		40S		5	2		100		
159					100	142		20S	25S	6					
160										4					
161				70		149		60S				100	100		
162	1408	85	44.5	71		138					7	80	80		
164	6203	72	49.6	85	20					5	9		70		
165	7790	107	51.			145					8				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

55

27	WWV870255	SPN//63-189-66-7/BEZ/3/FW771595G02								XR	ID# =	908039 OR 908039			
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10						147					8				
14	6300	85	38.8	86		152				1	1				
17															
18	13494	106	80.1	100		155	5MS	30MS		4				*	
19															
20	7950	88					20MR								
31															
33					10	154	40MR	60MS			3		30		
35				105		144	5R	5R			8				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - 'LATE' Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	5425	74		100	20	146					7				
37			53.7			143					8				
38															
39				100	40	151						100	100		
55				75		185									
59															
62															
65															
67				76		149				6					
68	3387	89	34.4	88		266				3			100		
71				95		147									
83	3786	66	202.	100		162			30MS		6		100		
85															
86															
87															
90															
91															
92				74		153					3		30		
98															
99															
101															
102															
103	5719	100	37.3	86		148					5	54	100		
152							1MR				8				
155	3601	101	64.8	100		144				7	6	100	100		
158						143				3	2		60	*	
159					100	142				5					
160									20S	3					
161				70		146			40S			60	100		
162	1720	104	48.4	76		137					6	80	80		
164	5069	59	58.3	90	30					6	8		70		
165	11190	154	60.			145					8				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - 'LATE' Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
28	WWY870282		ND/P101//BB/GLL/5/KVZ/3/BB/CHA//TRM/4/TEMU 33-78												
10						149					7				
14	4700	63	34.8	85		152				1	4				
17															
18	5456	43	74.5	100		160	90S			4					
19															
20	4475	50					70S								
31															
33					20	158	20MR 60MS				3		30		
35				105		147					7				
36	3485	48		110	20	152					3				
37			40.3			148					7				
38															
39				105	10	150						100	100		
55				85		188									*
59															
62															
65															
67				85		151				6				85	
68	2698	71	27.2	93		274				0					
71				105		151	60MR 15MS				2		100		
83	4782	84	215.	100		164									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92				73		154					1		30		
98															
99															
101															
102															
103	4289	75	33.4	96		150		1R			7	59	100		
152							10S	1MR			8				
155	2134	60	65.	100		148				6	7	100	100		
158						145		10S		5	4		60		
159					100	155			15S	5					
160										5					
161				75		150		40S				90	100		
162	1232	75	46.5	69		137					5	100	80		
164	5002	58	41.1	85	10					3	6		80		
165	7490	103	56.			147					3				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - FLATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
29	WWY870302		VPM/MOS83-11-4-8//YMH/HYS,F1/3/ASP/4/NEELY/SPN//SPN							SR	ID# =	908048 OR 908048			
10						147					4				
14	5900	80	34.	90		153				1	0				
17															
18	13078	103	82.4	115		158				5				*	
19															
20	6569	73													
31															
33					20	154	5R				3		30		
35				115		146	5R				7				
36	4240	58		110	20	149					5				
37			61.			147					5				
38															
39				100	10	149						95	100		
55				85		181									
59															
62															
65															
67				89		150				6			100		
68	3648	96	35.2	97		269				5					
71				105		148					0		100		
83	3520	62	208.	110		163									
85															
86															
87															
90															
91															
92				80		155					2		25		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	4861	84	35.	98		150					3	77	100		
152											5				
155	4935	139	73.1	110		147				6	6	100	100		
158						145				6	1		60		
159					100	143			20S	5					
160										4					
161	1140	133	40.	80		149		1R				50	100		
162	1304	79	45.4	73		130					7	100	80		
164	7070	92	64.5	100	20					3	4		70		
165	4910	68	54.			147					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

30	WRH870486	TJB368-251/BUC//WA 6816	HR	ID# =	908103 OR 908103
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10						144				6					
14	4300	50	38.4	90		151				2	0				
17															
18	13702	100	78.3	100		145	30MS	30MS		5					
19															
20	6043	67													
31															
33					30	150	10MR	40MS			4		30		
35				100		138	20S	40S			4				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	4710	64		90	100	143					7				
37			30.7			143					7				
38															
39				100	10	149						100	100		
55				95		184								*	
59															
62															
65															
67				86		147				6			100		
68	4112	108	37.5	87		255				3					
71				105		142	40MR	80S			0		100		
83	5080	89	215.	105		158									
85															
86															
87															
90															
91															
92		109		84		148					0		70	*	
98															
99															
101															
102															
103	6291	110	31.9	93		144					3	81	100		
152							2MS	1MS			5				
155	4935	139	68.9	100		140				7	4	100	100		
158						135		40S		5	1		60		
159					100	142		5S	10S	7					
160										7					
161	3990	466	44.	75		143		5MS				90	100		
162	1492	90	40.	65		136					4	100	80		
164	6136	72	55.7	90	40					4	4		70		
165	7240	100	43.			145					0				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
31	WRH870486		TJB368-251/BUC//WA 6816												
10						145					6				
14	6700	91	38.	92		149				2	4				
17															
18	14119	111	80.1	100		146	40MS	50S		6					
19															
20	8610	96													
31															
33					20	153	5R	60MS			4		30		
35				110		139	5R	60S			4				
36	5720	78		110	20	143					5				
37			57.			143					7				
38															
39				95	10	149						100	100		
55				90		190									*
59															
62															
65															
67				89		147				6			100		
68	3616	95	39.4	84		255				1					
71				110		146		99S			1		100		
83	4723	83	219.	110		159									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING- (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		67		89		148					2		60		
98															
99															
101															
102															
103	6291	110	35.2	92		145		10S			3	80	100		
152							1MR	2S			8				
155	4935	139	71.	110		144				7	6	100	100		
158						136		40S		5	1		70		
159					100	142		10S	10S	6					
160										3					
161	2850	333	43.	70		143		5R				80	100		
162	1672	101	42.8	76		131					5	100	100		
164	7136	83	53.7	105	20					3	7		50		
165	7730	107	48.			146					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
32	WRK870503		RONDEVOUS/3/CARSTEN/GIGANT												
										HR	ID# =		908109 OR 908109		
10						144					5				
14	5500	74	38.	93		149				1	0				
17															
18	11911	94	81.7	115		148				4				*	
19															
20	5996	67													
31															
33					10	150	10MR				2		30		
35				115		139					3				
36	6405	88		110	20	143					4				
37			61.			142					5				
38															
39	1880	87	60.	100	10	150		25S		1	2	95	100	*	
55				85		184									
59															
62															
65															
67				95		147				4			100		
68	3109	81	41.2	88		254				0					
71				110		146					0		100		
83	4068	71	218.	115		161									
85															
86															
87															
90															
91															
92				88		151					0		40		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	5147	89	46.	99		145					1	67	80	*	
152											5				
155	6803	192	77.8	115		140				5	2	100	100		
158					30	138		30S		4	1		60		
159					95	142			5S	4					
160										2					
161	1425	166	43.8	70		145						60	100		
162	1332	81	46.6	73		136					5	100	80	*	
164	6403	75	95.2	95	20					3	3		70		
165	3830	53	50.			145					3				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

33	WRK870503	RONDEVOUS/3/CARSTEN/GIGANT								HR	ID# =	908110 OR 908110			
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10						142					8				
14	4200	57	44.4	95		152				1	0				
17															
18	9246	73	79.9	125		146	40MS	20MS		4				*	
19															
20	7923	88					5MS								
31															
33					20	149	40MR	60MS			4		30		
35				125		139	10MR	5R			4				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	4320	59		110	20	143					6				
37			41.			140					7				
38															
39	1920	88	60.	100	10	150		40S		2	2	100	100	*	
55				95		184								*	
59															
62															
65															
67				96		147				4			100		
68	4362	114	48.	98		255				0					
71				115		146		50MS			0		100		
83	2693	47	209.	105		163									
85															
86															
87															
90															
91															
92				89		151					0		30		
98															
99															
101															
102															
103	5719	100	44.3	108		145		1R			1	51	100	*	
152											5			*	
155	5736	162	76.	120		140				5	6	100	100		
158					30	139		30S		5	1		60		
159					100	141		5S	20S	5					
160										2					
161				75		145		10S				60	100		
162	1360	82	49.2	80		137					3	100	80	*	
164	6736	79	97.1	100	20					3	8		50		
165	4320	59	51.			145					5				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
34 WRK870519 GRTPL 6052/RUST 10 HR ID# = 908116 OR 908116															
10						148					7				
14	6600	89	30.8	85		152				2	0				
17															
18	9871	78	82.6	100		159	30MS	58		3					
19															
20	3261	36					30MS								
31															
33					20	157	40MR	60MS			3		30		
35				105		146	5R	5R			5				
36	3725	51		100	20	151					5				
37			54.3			146					6				
38															
39				95	10	149						100	100		
55				80		182									
59															
62															
65															
67				88		150				6				100	
68	2991	78	45.9	92		275				0					
71				105		150	20MR	60S			3			100	
83	2763	48	218.	95		166									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92				79		153					4		30		
98															
99															
101															
102															
103	5147	89	31.1	93		149		1R			3	84	100		
152							5S	2S			6				
155	4402	124	74.8	105		147				5	7	100	100		
158						141		40S		5	2		100		
159					100	153		10S	20S	6					
160										2					
161	1710	200	39.4	70		150		5MR				60	100		
162	1384	84	40.5	73		140					4	100	100	*	
164	6003	70	43.9	90	30					4	8		70		
165	6370	88	46.			145					4				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
35	WRK870524	RBS/68-1846/3/CC//CAL/SR/4/RUST 10										HR	ID# =	908120 OR 908120	
10						147					7				
14	7500	102	35.2	86		153				1	0				
17															
18	12703	100	82.4	100		155	5MR	30MS		3					
19															
20	5882	65													
31															
33					20	155	60MS	60S			4		40		
35				95		146	50S	5R			6				
36	2765	38		105	20	148					4				
37			55.			146					8				
38															
39				105	10	148						100	100		
55				90		182									
59															
62															
65															
67				88		148				5			100		
68	4005	105	31.6	91		267				0					
71				100		148	50MS	20S			2		100		
83	4304	75	216.	95		161									
85															
86															
87															
90															
91															
92		49		83		154					3		50		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	5662	99	32.9	98		149		1R			5	74	100		
152							5MS	2MS			7				
155	2401	67	66.2	105		146				8	8	100	100		
158					30	143		30S		5	2		100		
159					100	150		5S	20S	5					
160										2					
161	4275	500	43.	70		148		5MR				100	100		
162	1600	97	46.1	72		141					6	100	100	*	
164	5469	64	31.	90	50					5	9		70		
165	9730	134	50.			146					4				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

36	WRN870539	RONDEVOUS/3/PROBSTORFER EXTREM/TOB 66	HR	ID# =	908125 OR 908125
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10					145					6					
14	7000	95	42.4	83	154					1	0				
17															
18	11661	92	79.	90	155					5				*	
19															
20	8577	95													
31															
33					20	154	5R	5R			4		40		
35				95	145						3			*	

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	2600	35		100	20	145					8				
37			53.			144					7				
38															
39				100	10	149						100	100		
55				90		182								*	
59															
62															
65															
67				64		150				6			85		
68	4473	117	39.4	81		267				0					
71				90		147					0		100	*	
83	4868	85	223.	80		162									
85															
86															
87															
90															
91															
92				73		154					2		40		
98															
99															
101															
102															
103	5147	89	36.4	82		148					1	75	100		
152											4			*	
155	5469	154	69.5	95		144				4	4	100	100	*	
158						141		10S		3	3		60	*	
159					100	141		20S	20S	4				*	
160										4				*	
161	2280	266	43.8	65		148						60	100		
162	928	56	45.3	67		143					3	70	45	*	
164	6203	72	37.2	80	20					6	7		50		
165	8270	114	53.			145					6				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
37	WRN870539		RONDEVOUS/3/PROBSTORFER EXTREM/TOB 66								HR ID# =	908127 OR 908127			
10						146					4				
14	5000	68	43.2	73		151				0	0				
17															
18	11870	93	83.2	90		153	30MS			3				*	
19															
20	6783	75					5MR								
31															
33					20	152	40MR				2		30		
35				100		143	5R				3			*	
36	6095	83		105	20	144					5				
37			77.			144					7				
38															
39				95	10	149						100	100		
55				85		178									
59															
62															
65															
67				82		149				6			100		
68	3862	101	40.9	84		266				0					
71				95		147	1R				2		100	*	
83	3473	61	227.	85		161									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		56		84		153					0		50		
98															
99															
101															
102															
103	5433	95	40.3	91		148					1	71	100	*	
152							1MR				4			*	
155	5869	166		100		144				3	4	100	100		
158						140				4	2		100	*	
159					100	142			255	5					
160										3					
161	1710	200	44.4	65		146						60	100		
162	1764	107	44.8	75		137					4	80	70	*	
164	6670	78	40.	85	30					3	8		30		
165	7420	102	52.			145					4				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
38 WRN870539			RONDEVOUS/3/PROBSTORFER EXTREM/TOB 66								SR ID# =	908128 OR 908128			
10						143					6				
14	4700	63	44.8	85		151				0	0				
17															
18	11786	93	82.6	95		152	40MS			3					
19															
20	7983	89					20MS								
31															
33					20	153	60MS	60MS			3		30		
35				110		143	20MS				4				
36	4215	58		110	20	143					7				
37			65.3			150					6				
38															
39				95	10	150						95	100		
55				85		169									
59															
62															
65															
67				85		148				5			100		
68	3955	104	41.6	93		265				0					
71				95		147	25MR				4		100		
83	4100	72	208.	95		161									
85															
86															
87															
90															
91															
92				90		153					0		40		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	5376	94	42.2	83		145					1	81	100	*	
152							1MR	5S			5				
155	10405	294	73.3	105		140				5	5	100	100		
158					30	140		40S		6	1		60		
159					100	142		20S	25S	5					
160										4					
161	2850	333	46.4	65		146		5MR				80	100		
162	1672	101	44.3	81		137					5	100	100	*	
164	6003	70	40.2	90	50					3	7		40		
165	4540	62	49.			144					2				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

39 WRN870553 CARSTEN/GIGANT/5/AU/3/MINN//HK/30MA/4/YMH/ERA SR ID# = 908134 OR 908134

10						141					7				
14	7500	102	44.	90		151				0	0				
17															
18	11120	88	83.7	110		146	50MS	10S		3					
19															
20	5822	65					20MS								
31															
33					10	148	40MS	60MS			4		30		
35				115		139					4				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	4105	56		105	20	143					7				
37			40.7			141					8				
38															
39				105	10	150						100	100		
55				105		189								*	
59															
62															
65															
67				92		147				5			100		
68	3902	102	45.1	84		255				0					
71				105		143	10MS	60S			3		100		
83	3469	61	221.	100		162									
85															
86															
87															
90															
91															
92				84		151					0		40		
98															
99															
101															
102															
103	5834	102	39.2	93		144					5	86	100		
152							5S	5S			5				
155	4669	132	75.3	105		139				6	6	100	100		
158						136		40S		6	2		60		
159					100	141		20S	20S	5					
160										3					
161	1995	233	48.4	70		145		1R				80	100		
162	1332	81	46.8	79		137					6	70	70	*	
164	5669	66	52.5	85	10					3	7		50		
165	6150	85	48.			144					4				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
41	WRQ870611		CMT/ALD//BFR689-71/TI								HR	ID# =	908156 OR 908156		
10						146					6				
14	5700	77	40.	93		150					0	0			
17															
18	6830	54	82.1	100		156	80S			2					
19															
20	5242	58					30MS								
31															
33					30	153	20MR 60S				5		40		
35				115		144	10MR 10MR				5				
36	4590	63		110	20	145					9				
37			44.3			145					7				
38															
39				95	10	148						95	100		
55				80		178									
59															
62															
65															
67				92		151				6				100	
68	3609	95	29.3	96		268				2					
71				115		146	10MR 40S				4			100	
83	4711	83	231.	100		163									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92				91		152					0		40		
98															
99															
101															
102															
103	5719	100	35.9	105		145					1	83	100		
152							2MS	1S			6				
155	4135	116	77.	100		144				5	7	100	100		
158						143		30S		5	3		60		
159					65	144			20S	4					
160										3					
161				70		148		10MS				50	100		
162	712	43	41.6	77		140					5	55	25		
164	6336	74	43.	90	10					3	7		50		
165	5620	77	47.			145					2				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
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42	WRQ870611		CMT/ALD//BPR689-71/TI								HR	ID# =	908158 OR 908158		
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10						144					8				
14	6000	81	34.4	95		151				1	2				
17															
18	4831	38	72.7	95		155	90S			3					
19															
20	5496	61					50S								
31															
33					20	154	60S				3		40		
35				120		144	60S				6				
36	3880	53		115	20	145					9				
37			48.			144					8				
38															
39				100	10	149						95	95		
55				85		175								*	
59															
62															
65															
67	5110			86		150				4			100	*	
68	3573	94	36.4	93		266				2					
71				115		144	60MS 99S				4		100		
83	4413	77	232.	100		160									
85															
86															
87															
90															
91															
92		56		93		153					5		50		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	6863	119	38.8	110		145					5	67	100		
152							10S	20S			6				
155	3068	86	69.8	110		143				7	8	100	100		
158						140		40S		5	2		100		
159					95	143			25S	4					
160										4					
161				70		148		10S				50	100		
162	704	42	41.8	79		140					8	80	25		
164	5936	69	34.1	105	10					4	8		50		
165	4400	60	49.			144					5				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

43	WRQ870628	TOPO S/NAR 59*2//BDFN/3/BOW S/4/PMF//CNO S/GLL								HR	ID# =	908164 OR 908164			
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10						146					5				
14	7000	95	33.6	92		151				1	0				
17															
18	10787	85	82.8	100		150	20MS	5S		4				*	
19															
20	6910	77					1R								
31															
33					20	159	5R	10MR			2		40		
35				110		144	5R				4				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	4440	61		105	10	146					4				
37			38.			146					2				
38															
39				100	10	148						95	100		
55				80		155									
59															
62															
65															
67				82		156				5			75		
68	3416	89	32.2	97		262				1					
71				110		149	5MS 10S				4		100		
83	3825	67	217.	100		162									
85															
86															
87															
90															
91															
92				90		154					0		20		
98															
99															
101															
102															
103	4575	80	35.6	100		148					1	78	100		
152											5				
155	1867	52	64.1	105		144				8	6	100	100		
158						140				4	3		60		
159					95	142			25S	5					
160										4					
161	3135	366	46.2	80		147		1R				70	100		
162	784	47	44.3	75		140					4	80	25		
164	6136	72	57.	95	40					4	6		70		
165	5420	75	50.			146					0				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
44	WRQ870648		CARGL 20//CARSTEN/GIGANT												
							SR	ID# =					908173 OR 908173		
10						146					4				
14	7200	97	40.	90		150				1	0				
17															
18	11037	87	80.6	110		152	10MS	20MS		3				*	
19															
20	7397	82													
31															
33					10	158	10MR	40MR			3		40		
35				115		146		5R			4				
36	5210	71		110	10	148					3				
37			36.7			147					4				
38															
39	1960	90	59.	100	10	150		40S		1	2	95	100	*	
55				95											
59															
62															
65															
67				92		154				6			100		
68	3045	80	33.9	91		262				3					
71				110		149		5MR			4		100		
83	2990	52	211.	105		166									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		56		85		154					0		50		
98															
99															
101															
102															
103	5719	100	42.3	110		148					3	66	100		
152											4				
155	4535	128	73.9	115		146				6	5	100	100		
158						143		20S		4	1		100		
159					85	145			25S	5					
160										4					
161	2565	300	42.6	80		147						70	100		
162	1784	108	44.3	84		140					5	100	100		
164	8404	98	75.	95	10					4	8		50		
165	7040	97	54.			148					4				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
45	WRQ870660		CARGL 53//D887-74/PEW								SR ID# =		908180 OR 908180		
10						147					3				
14	7200	97	41.6	80		155				1	0				
17															
18	11578	91	80.3	105		159	30MS	5MS		3					
19															
20	9618	107													
31															
33					20	158	10MR	10MR			2		40		
35				100		147	5R				3				
36	7065	97		110	35	149					2				
37			42.			148					3				
38															
39	1920	88	60.	95	10	149		40S		1	1	100	100	*	
55				90		186									
59															
62															
65															
67				82		152				5			100		
68	2913	76	35.1	93		275				2					
71				95		149	1R				0		100		
83	4637	81	210.	100		166									
85															
86															
87															
90															
91															
92		47		86		154					0		70		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - ELATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	5719	100	38.3	96		148		1R			1	49	100		
152											3				
155	4268	120	70.4	100		147				6	4	100	100		
158						145		20S		3	1		100	*	
159					80	144			5S	3					
160										3					
161	3135	366	47.	70		150		1R				70	100		
162	1320	80	45.4	75		140					3	80	55		
164	7937	93	85.7	90	10					3	2		70		
165	5840	80	56.			148					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

46	WRQ870660	CARGL 53//D887-74/PEW	SR	ID# =	908181 OR 908181
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10					147					5					
14	8100	110	42.6	82	152					0	0				
17															
18	10912	86	79.	95	159	30MS	10MS			4				*	
19															
20	6589	73													
31															
33					10	158	20MR	20MR			2		40		
35				100		146	5R	5R			3			*	

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - /LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	6985	96		100	10	149					2				
37			46.3			147					5				
38															
39	2080	96	60.	95	10	149		65S		2	3	100	100	*	
55				85		186								*	
59															
62															
65															
67				76		149				4			100		
68	3605	94	29.2	90		273				4					
71				95		149		10MR			3		100		
83	3332	58	200.	90		166									
85															
86															
87															
90															
91															
92				84		154					0		50		
98															
99															
101															
102															
103	6291	110	36.8	86		148		1R			1	73	100		
152							1MR	1MS			4			*	
155	3335	94	62.1	100		147				7	6	100	100		
158						145		30S		5	1		60		
159					95	143		10S	20S	5					
160										3					
161	3705	433	46.6	70		147		5MR				80	100		
162	1736	105	46.3	66		142					5	100	70		
164	7270	85	63.5	85	10					4	5		70		
165	6830	94	50.			146					0				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
47 WRQ870672 ROM F9-70//CNO.S/GALLO/3/D887-74/PEW SR ID# = 908184 OR 908184															
10						149					3				
14	5200	70	34.4	80		156				0	0				
17															
18	11037	87	81.9	95		162	20MS	30MS		4				*	
19															
20	8537	95					10MS								
31															
33					10	161	5R				2		30		
35				105		151	5R	20MS			3				
36	4125	56		110	10	154					2				
37			66.3			151					3				
38															
39	2120	98	60.	100	10	149		40S		1	2	100	100	*	
55				90										*	
59															
62															
65															
67				77		157				4			100		
68	3109	81	28.9	98		276				3					
71				100		151		5S			0		100		
83	3990	70	199.	95		167									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92				85		154					0		70		
98															
99															
101															
102															
103	5719	100	38.7	90		152					1	79	100		
152							1MR	1MS			4				
155	5069	143	73.8	100						3	3	100	100		
158						149		10S		4	1		60		
159					75	156			1S	4					
160										3					
161	4275	500	42.2	70		151		1R				90	100		
162	1604	97	43.6	73		145					3	80	5		
164	9137	107	39.1	100	10					2	3		70		
165	6530	90	51.			140					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
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48	WRQ870672		ROM F9-70//CND.S/GALLO/3/D887-74/PEW								SR ID# =	908185 OR 908185			
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10						148					4				
14	6600	89	38.8	85		156				0	6				
17															
18	9954	78	78.8	90		161	30MS	30MS		3				*	
19															
20	7023	78					5MS								
31															
33					10	159	40MR	40MS			3		30		
35				100		147	10MR				4				
36	3545	48		100	10	150					3				
37			49.			147					4				
38															
39	2040	94	62.	100	10	150		65S		1	1	100	100	*	
55				95		176									
59															
62															
65															
67				83		156				5			90		
68	3420	90	31.1	97		270				3					
71				95		150	1R	30MS			0		100		
83	2896	51	189.	95		166									
85															
86															
87															
90															
91															
92		36		87		154					0		70		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
103	6063	106	38.7	107		147		10S			0	58	100	*	
152							1MR	1S			4				
155	2934	83	63.2	100		146				8	4	100	100		
158						146		30S		5	1		60		
159					65	143		1S	15S	5					
160										5					
161	4275	500	43.6	75		150		10MR				100	100		
162	1612	98	42.5	77		141					4	80	55		
164	7003	91	68.3	85	20					3	4		70		
165	6850	94	56.			147					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

49 WRQ870673 ROM F9-70//CNO. S/GALLO/4/ID#3860130 HX ID# = 908186 OR 908186

10						147					5				
14															
17															
18	9954	78	79.7	100		156									
19															
20	8891	99													
31															
33					20	154	10MR				4		80		
35				105		144					3			*	

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	4400	60		110	20	149					3				
37			49.3			147					4				
38															
39				100	10	150							100		
55				85		174									
59															
62															
65															
67				80		155				6			90		
68	3605	94	33.	85		267				2					
71				100		150	5MS	10S			4		100		
83	4151	73	197.	95		163									
85															
86															
87															
90															
91															
92				92		153					0		50		
98															
99															
101															
102															
103	4575	80	39.5	96		148		1R			0	72	100	*	
152											5				
155	4268	120	68.7	110		142				6	5	100	100		
158						143				4	1		50		
159						142			5S	4					
160										4					
161	2280	266	40.4	70		147						70	100		
162	1160	70	49.5	71		139					4	80	55		
164	6870	80	54.9	90	20					3	5		70		
165	2660	36	46.			148					0				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
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175
176
177
178
185
186
187
192
195
197

50	WRQ870711	BUDZAK//CARSTEN/GIGANT								SR	ID# =	908195 OR 908195			
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10						140					8				
14	8500	115	46.4	95		150				0	0				
17															
18	11412	90	82.4	120		142	50S	10S		4					
19															
20	4548	50													
31															
33					20	146	60MS	20MR			3		80		
35				125		136					5				
36	4990	68		115	20	142					6				
37			37.3			139					8				
38															
39	1960	90	59.	100	10	150		40S		2	2	95	100	*	
55				85		178									
59															
62															
65															
67				95		146				4			100		
68	3484	91	43.7	91		251				0					
71				115		140	30MR	99S			0		100		
83	4935	87	236.	110		154									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		64		98		149					5		70		
98															
99															
101															
102															
103	6120	106	41.8	120		144					3	71	100	*	
152							5MS	1S			5				
155	5336	150	77.8	120		138				7	7	100	100		
158						135		40S		5	1		50		
159						139		15S	25S	3					
160										4					
161	2850	333	46.2	80		141		40S				80	100		
162	1340	81	48.	81		135					6	80	80		
164	6943	81	62.5	95	20					5	8		70		
165	7640	105	51.			144					3				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
51	WRY870790	CMT/ALD//M1223-3D-1D(MI76-77-S29)/ALD								SR	ID# =	908231 OR 908231			
10						144					8				
14	8500	115	46.	86		152				1	2				
17															
18	8829	69	78.1	85		144	80S	20MS		5					
19															
20	5309	59					80S								
31															
33					10	149	60S	99S			3		80		
35				100		138		5R			7			*	
36	3825	52		100	20	143					8				
37			27.			141					8				
38															
39				90	10	149						100	100		
55				65		186									
59															
62															
65															
67				85		147				5			90		
68	3245	85	35.	80		252				0					
71				100		142	5MS	90MS			4		100		
83	6174	108	231.	100		157									
85															
86															
87															
90															
91															
92		52		89		148					0		60		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	4289	75	31.7	92		144					5	65	100		
152							10S	10S			6				
155	4402	124	66.3	95		138				9	8	100	100		
158						136		40S		5	1		50		
159					15	139		15S	25S	5					
160										6					
161				80		141		10MR				90	100		
162	1140	69	45.3	69		137					6	80	55		
164	4735	55	40.1	85	20					6	8		70		
165	3480	48	49.			144					3				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
52 WRY870790 CMT/ALD//M1223-3D-1D(MI76-77-S29)/ALD HR ID# = 908232 OR 908232															
10						147					8				
14	7200	97	40.	84		148				0	0				
17															
18	4289	33	68.2	80		154	90S	10MS		4					
19															
20	3008	33					80S								
31															
33					10	151	60S	99S			3		80		
35				100		143	5R	5R			7				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	3300	45		100	50	148					7				
37			32.3			148					8				
38															
39				90	10	150						100	100		
55				70		186									
59															
62															
65															
67				79		150				6				100	
68	2606	68	33.1	79		268				3					
71				100		148	10R	90S			6		100		
83	4135	72	205.	95		162									
85															
86															
87															
90															
91															
92		59		87		151					0			65	
98															
99															
101															
102															
103	3431	59	33.3	92		149					3	68	100		
152							20S	10S			6				
155	2134	60	58.2	95		142				8	9	100	100		
158						141		20S		4	2		50		
159						143			25S	5					
160										5					
161				75		147		10S				90	100		
162	1528	93	47.6	77		137					6	80	70		
164	5669	66	36.5	85	10					5	8		70		
165	4160	57	55.			146					5				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
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175
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53	WRY870790	CMT/ALD//M1223-3D-1D(MI76-77-S29)/ALD								SR	ID# =	908233 OR 908233
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10						145					8				
14	6900	93	44.4	83		151				1	0				
17															
18	7496	59	72.5	95		146	90S	30MS		6					
19															
20	4215	47													
31															
33					10	149		99S			5		80		
35				100		139		60S			6				
36	3230	44		100	50	143					7				
37			33.3			146					8				
38															
39				90	10	151						100	100		
55				75		184									
59															
62															
65															
67				71		149				5			100		
68	2813	74	36.8	76		254				2					
71				95		145	15MS	80MS			2		100		
83	4586	80	215.	90		163									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		69		85		149					0		75		
98															
99															
101															
102															
103	5548	97	34.5	95		148					5	71	100		
152							20S	20S			6				
155	2801	79	59.3	100		139				8	9	100	100		
158					20	140		40S		6	1		50		
159						141		15S	15S	5					
160										3					
161	2850	333	44.4	65		143		40S				80	100		
162	680	41	49.1	67		139					4	45	25		
164	4935	58	49.6	85	10					5	6		70		
165	6850	94	54.			146					4				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
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54	WRY870811		CARGL 62//TJB368-251/BUC								SR	ID# =	908237 OR 908237		
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10						144					6				
14															
17															
18	12036	95	81.2	100		146									
19															
20	8044	89													
31															
33					10	150		60MS			3		80		
35				105		140		5R			4				
36	6650	91		90	65	143					3				
37			39.4			144					8				
38															
39	1920	88	60.	95	10	150		65S				100	100	*	
55				80		174									
59															
62															
65															
67				89		148				4			100		
68	3073	80	40.3	76		253				0					
71				100		145	1R	99S			0		100		
83	4453	78	224.	90		162									
85															
86															
87															
90															
91															
92		125		90		149					0		85	*	
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - /LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	8122	142	38.8	97		144					0	58	100	*	
152							2MS	2S			5				
155	7337	207	75.8	105		140				5	4	100	100		
158						140		50S		5	1		60		
159						142		15S	15S	5					
160										4					
161	4560	533	46.2	75		143		5MR				100	100		
162	2304	140	50.	73		138					5	70	70		
164	967	11	44.8	85	10					4	4		70		
165	7070	109	52.			147					4				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

55	SWM877405	TJB368.251/BUC.S//HAHN.S*2/PRL.S								HR	ID# =	908247 OR 908247			
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10						144					6				
14	6700	91	32.	75		151				2	0				
17															
18	10537	83	80.1	85		146	70S	30MS		5					
19															
20	5376	60					70S								
31															
33					10	148	60MS				3		80		
35				95		139					1			*	

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE' Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	6125	84		90	35	143					4				
37			39.7			142					8				
38															
39				95	10	149						95	100		
55				80		175								*	
59															
62															
65															
67				70		148				6			90		
68	3184	83	33.5	70		253				2					
71				85		146	1R	30MR			0		100		
83	5174	91	235.	85		161									
85															
86															
87															
90															
91															
92		75		78		148					0		85		
98															
99															
101															
102															
103	4232	74	32.8	84		147					1	79	100		
152							10S	20S			4				
155	4935	139	70.7	85		139				7	4	100	100		
158					20	137		50S		5	1		50	*	
159						139			15S	5					
160										3					
161	3420	400	41.4	70		141						90	100		
162	288	17	45.1	67		140					3	70	5		
164	893	10	73.7	70	10					4	3		70		
165	5520	76	43.			144					2				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
56	SWM877408		TJB368.251/BUC.S//DOVE.S/BUC.S												
10						144					7				
14	6000	81	42.4	80		150				2	2				
17															
18	12661	100	83.5	110		146				5				*	
19															
20	10898	121													
31															
33					40	149	5R	10MR			3		80		
35				110		139		80S			5				
36	4960	68		105	30	143					4				
37			49.			142					8				
38															
39				98	10	150						100	100		
55				100		187								*	
59															
62															
65															
67				77		148				6			95		
68	3198	84	40.8	74		253				0					
71				105		145		99S			0		100		
83	4237	74	233.	95		160									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92				88		149					5		60		
98															
99															
101															
102															
103	6291	110	41.1	92		145		1R			5	70	100		
152							5S	1S			5				
155	6403	181	61.9	105		139				7	8	100	100		
158					20	138		20S		5	2		50		
159						145		15S	25S	5					
160										3					
161				75		141		40S				90	100		
162	524	31	53.3	79		137					6	100	10		
164	6269	73	43.7	80	10					3	9		70		
165	4850	67	53.			145					3				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
57	FRW893014		FIEF/MOULIN//AUSTERLITZ/86B022								SR	ID# =	908284 OR 908284		
10						147					3				
14	6000	81	36.8	72		151				1	7				
17															
18	11370	89	79.2	85		158	10MR	10MS		4				*	
19															
20	6469	72													
31															
33					10	156	10MR	60MS			2		60		
35				90		148	10MR				2				
36	7215	99		85	10	148					2				
37			59.			148					6				
38															
39	1960	90	60.	95	10	148		40S				100	100	*	
55				80		182								*	
59															
62															
65															
67				67		150				6			100		
68	3462	91	31.1	69		272				4					
71				90		149	1R	60S			0		100		
83	4249	74	206.	85		165									
85															
86															
87															
90															
91															
92		72		72		152					0		70		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	6863	119	34.	77		144		1R			0	73	100	*	
152							1MR				3			*	
155	3868	109	68.8	90						5	3	100	100		
158						143				4	1		100	*	
159						144			15S	4					
160										4					
161				60		150		40S				80	100		
162	2196	133	41.6	68		141					2	80	80		
164	7737	90	56.5	80	10					3	3		50		
165	9200	127	50.			148					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

58	FRW893027	R8021/AMBASSADOR//CARGIDOC				SR	ID# =	908289 OR 908289
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10						143				6					
14	7700	104	40.4	75		151				1	0				
17															
18	11203	88	79.9	85		147	30MS	50S		5					
19															
20	8944	100													
31															
33					20	148	40MR	60S			3		60		
35				95		139		50S			4				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
36	5260	72		80	10	143					6				
37			40.7			141					5				
38															
39	1840	85	61.	100	10	150		40S				100	100	*	
55				85		180									
59															
62															
65															
67				70		148				4			95		
68	3951	104	44.2	81		255				0					
71				85		146	5R	99S			0		100		
83	4547	80	221.	85		160									
85															
86															
87															
90															
91															
92		87		83		147					2		80	*	
98															
99															
101															
102															
103	6863	119	38.4	88		144					0	64	100	*	
152							1S	5S			4				
155	5869	166	73.7	95		139				6	4	100	100		
158						134		70S		6	1		70		
159						142		20S	25S	5					
160										5					
161				65		141		20S				90	100		
162	1072	65	51.2	70		137					4	80	55		
164	8070	94	72.4	75	10					3	5		70		
165	5320	73	53.			144					0				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
59	FRW893027		B8021/AMBASSADOR//CARGIDOC												
10						144					5				
14	7000	95	34.8	77		151				0	0				
17															
18	10495	83	78.3	90		147	40MS	50S		5					
19															
20	9398	105													
31															
33					20	153	10MR	60S			4		50		
35				90		140	20S	60S			5				
36	5200	71		80	10	143					6				
37			48.3			145					7				
38															
39	1796	83	58.	100	10	151		65S				100	100	*	
55				70		183									
59															
62															
65															
67				69		148				6			95		
68	3784	99	37.1	65		256				0					
71				85		146	1R	99S			1		100		
83	4900	86	199.	90		162									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		92		84		151					0		90		
98															
99															
101															
102															
103	6921	121	33.4	80		147		1R			1	63	100		
152							2S	20S			6				
155	5602	158	70.7	95		140				6	4	100	100		
158						139		70S		6	1		60		
159						142			15S	6					
160										4					
161				65		145		40S				100	100		
162	1252	76	44.1	66		139					5	80	35		
164	8404	98	36.6	75	10					4	5		70		
165	8750	121	47.			146					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - 'LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
70	OWA852347		PJ/HN4//GLL/5/85CB077												
10						140					7				
14	4700	63	40.8	90		140				4	0				
17															
18	10828	85	82.4	100		141	30MS	30MS		3					
19															
20	7523	84					10MS								
31															
33					10	149	20MR	60MS			2		60		
35				105		133		20MS			5				
36	4115	56		95	20	140					8				
37			30.7			140					6				
38															
39				100	10	152						95	100		
55				90		168									
59															
62															
65															
67				76		144				6			100		
68	3216	84	37.	88		261				2					
71				100		140	25R				1		100		
83	4437	78	234.	95		152									
85															
86															
87															
90															
91															
92				85		146					5		60		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
61	FRW893039		FIEF/PERNEL								SR	ID# =	908294 OR 908294		
10						145					7				
14	7000	95	36.8	80		153				1	0				
17															
18	12203	96	80.6	105		155		20MS		3				*	
19															
20	8017	89													
31															
33					10	152	20MR	40MS			4		50		
35				105		143		40S			5				
36	5980	82		80	10	148					7				
37			71.7			146					7				
38															
39				90	10	148						100	100		
55				90		187								*	
59															
62															
65															
67	5943			76		149				4			100	*	
68	3744	98	34.	84		273				0					
71				90		147		40MR			3		100		
83	3402	60	219.	85		160									
85															
86															
87															
90															
91															
92		114		85		151					0		90	*	
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	8293	144	39.9	85		145					1	71	100	*	
152											5				
155	6536	184	75.9	90		146				3	4	100	100	*	
158						143		30S		5	1		100		
159						142			15S	3					
160										2					
161				75		145		10MS				80	100		
162	1492	90	45.1	76		137					5	80	80		
164	7937	93	41.7	80	10					2	8		70		
165	7350	101	50.			145					4				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

62	FRW893039	FIEF/PERNEL					HR	ID# =	908295 OR 908295
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10						145			7
14	6800	92	37.6	72		151		1	1
17									
18	11078	87	79.7	105		155	10MS	3	
19									
20	5089	56							
31									
33					10	153	10MR 40MS		3
35				100		144	10MR		5

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	5510	75		90	10	146					7				
37			63.3			146					8				
38															
39				90	10	149						100	100		
55				90		181								*	
59															
62															
65															
67				71		149				4			100		
68	4084	107	34.4	79		272				0					
71				90		147		50S			4		100		
83	4186	73	217.	90		163									
85															
86															
87															
90															
91															
92		91		85		151					2		88		
98															
99															
101															
102															
103	5834	102	37.7	90		147					1	62	100		
152											6				
155	6670	188	75.8	100		144				4	4	100	100	*	
158						144		30S		5	1		100		
159						142			20S	3					
160										2					
161	2565	300	42.4	70		145		10MS				80	100		
162	1504	91	44.4	76		138					6	100	100		
164	7937	93	41.5	80	10					2	8		70		
165	7540	104	49.			145					2				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
63	FRW893039		FIEF/PERNEL								HR ID# =		908296 OR 908296		
10						145					7				
14	7400	100	38.	75		151				1	0				
17															
18	10579	83	80.1	100		154		10MS		3				*	
19															
20	7530	84													
31															
33					20	153	10MR	40MS			4		60		
35				95		144		10MR			4				
36	7415	102		95	10	146					7				
37			64.			145					8				
38															
39				95	10	151						100	100		
55				85		179								*	
59															
62															
65															
67				74		148				4			100		
68	5140	135	34.1	78		270				0					
71				90		147		10S			3		100		
83	4413	77	220.	90		160									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		84		83		151					2		85		
98															
99															
101															
102															
103	7149	125	37.6	88		145					1	65	100	*	
152								1MS			6				
155	7470	211	76.1	100		144				5	4	100	100	*	
158						144		30S		5	2		100		
159						143			20S	4					
160										2					
161				70		145		20MS				100	100		
162	1524	92	44.7	74		138					7	100	100		
164	7537	88	39.1	75	10					2	8		70		
165	6420	88	49.			145					2				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
64	FRW893041	FLORIN/PERNEL		SR ID# = 908298 OR 908298											
10						147					5				
14	6000	81	40.	75		151				2	0				
17															
18	10704	84	78.6	85		154		5S		3				*	
19															
20	5569	62													
31															
33					10	154	10MR	20MR			3		60		
35				85		144		5R			4			*	
36	6910	95		90	10	146					5				
37			58.1			144					8				
38															
39				95	10	150						100	100		
55				80		104								*	
59															
62															
65															
67				70		148				4			95		
68	2880	75	33.3	92		268				2					
71				80		149					3		100		
83	3559	62	207.	85		160									
85															
86															
87															
90															
91															
92		76		82		151					0		85		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	5147	89	36.	85		148					0	70	100	*	
152								1S			5			*	
155	6403	181	71.5	85		145				4	4	100	100	*	
158						141				3	1		100	*	
159						143			20S	4					
160										3					
161	4845	566	45.8	70		146		5MR				100	100		
162	1304	79	47.9	68		139					4	80	45		
164	8137	95	76.9	80	10					3	4		70		
165	8020	111	51.			146					2				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

65 FRW893098 B496/THESEE HR ID# = 908299 OR 908299

10						144					5				
14	7200	97	38.8	74		152				2	1				
17															
18	9246	73	77.2	85		152		40MS		3					
19															
20	6963	77													
31															
33					10	154	40MS	60MS			2		70		
35				95		144		5R			4			*	

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	7005	96		95	10	146					6				
37			52.3			145					7				
38															
39	2120	98	59.	95	10	150		40S		2	2	100	100	*	
55				85		187								*	
59															
62															
65															
67				72		148				4			100		
68	3023	79	35.1	75		265				1					
71				85		146	1R	30MS			3		100		
83	3422	60	208.	85		164									
85															
86															
87															
90															
91															
92		100		80		150					0		88	*	
98															
99															
101															
102															
103	7435	129	36.8	90		145					0	61	100	*	
152							2S	5S			5				
155	5869	166	68.4	85		145				6	2	100	100		
158						141		30S		5	1		100		
159						142		15S	20S	4					
160										6					
161				70		146		40S				100	100		
162	1532	93	44.2	66		139					4	70	55		
164	7003	82	40.7	80	10					4	8		70		
165	7930	109	57.			145					2				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - ILATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
66	OWN852788		D6301/HN7//ERA/3/BUC/4/MLC,F1/5/MLC								SW ID# =		9000081 OR 9000081		
10						146					6				
14	6800	92	44.	80		152				0	0				
17															
18	14160	112	80.6	95		154	10MS	10MS		3				*	
19															
20	9191	102													
31															
33					10	154	10MS	40MR			4		70		
35				95		145					4				
36	5795	79		90	10	149					9				
37			50.3			146					8				
38															
39				100	10	150						95	100		
55				85		181									
59															
62															
65															
67				80		149				5				100	
68	4283	112	40.7	83		266				1					
71				95		145	20R				3		100		
83	5154	90	213.	95		160									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - 'LATE' Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		68		82		151					5		85		
98															
99															
101															
102															
103	6577	114	37.1	92		147					3	63	100		
152											6				
155	4535	128		100		145				6	6	100	100		
158						141				4	1		50		
159						153			205	4					
160										3					
161	4275	500	50.	70		146		5MR				100	100		
162	1436	87	45.9	76		137					5	70	70		
164	6403	75	36.5	80	10					4	8		70		
165	5770	79	53.			144					3				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - 'LATE' Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
67	OWT852241		CLLF/BEZ//SU92/CI13645/3/MAI60/4/EMUS/5/DYBR83-59								HW ID# =		900182 OR 900182		
10						144					4				
14	6800	92	45.6	85		151				1	0				
17															
18	10537	83	82.1	95		148		30MS		4					
19															
20	6850	76						5R							
31															
33					10	149	20MR	60MS			2		70		
35				95		137	5R	70S			3				
36	5710	78		100	20	143					8				
37			45.7			142					3				
38															
39				100	10	150						100	100		
55				75		161									
59															
62															
65															
67				73		145				6			100		
68	2170	57	41.8	73		264				4					
71				95		140	30R	60MS			0		100		
83	5150	90	236.	95		154									
85															
86															
87															
90															
91															
92		61		85		148					0		85		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - ILATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	6589	115	39.7	90		143		1R			1	80	100		
152							1MR	2MS			3				
155	4002	113	68.6	95		138				7	5	100	100		
158						138		20S		6	1		60		
159						142		5S	20S	3					
160										3					
161				70		139		40S				100	100		
162	1032	62	51.4	71		137					3	80	70		
164	6536	76	44.8	85	10					4	6		70		
165	5340	73	57.			143					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

68	OWA852264	AU/3/MINN//HK/38MA/4/YMH/ERA/5/85CB077								SW	ID# =	900190 OR 900190			
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10						142					3				
14	5800	78	36.4	86		148				0	0				
17															
18	9329	73	78.1	85		141	50MS	20MS		3					
19															
20	6249	69					40MS								
31															
33					10	148	60MS	40MR			2		70		
35				95		134	20S	5R			2			*	

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE' Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	4630	63		90	10	139					9				
37			41.			141					6				
38															
39				95	10	150						100	100		
55				90		169								*	
59															
62															
65															
67				77		143				6			100		
68	2152	56	34.5	77		262				0					
71				95		141	15R	20MS			0		100		
83	3379	59	218.	85		154									
85															
86															
87															
90															
91															
92		76		85		147					0		90		
98															
99															
101															
102															
103	5147	89	31.4	87		143		1R			0	83	100		
152							1MS	2MS			4				
155	4135	116	63.9	90		138				8	4	100	100		
158						134		30S		5	1		60		
159						142			20S	3					
160										3					
161	4275	500	43.	70		139		1R				90	100		
162	920	56	45.9	60		136					2	100	70		
164	5202	61	41.9	80	20					6	8		70		
165	5630	77	47.			143					0				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
69	OWA852264		AU/3/MINN//HK/38MA/4/YMH/ERA/5/85CB077								SW	ID# =	900192 OR 900192		
10						143					4				
14	5700	77	38.	85		146				1	0				
17															
18	9454	74	78.8	90		149	60S	30MS		3					
19															
20	5876	65					60MS								
31															
33					10	148					3		60		
35				95		138		5R			3			*	
36	4085	56		90	20	143					5				
37			34.3			142					7				
38															
39				95	10	151						100	100		
55				90		148								*	
59															
62															
65															
67				83		144				6			100		
68	3102	81	33.3	73		261				2					
71				95		142		70MS			2		100		
83	3645	64	217.	85		154									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92				83		148					0		40		
98															
99															
101															
102															
103	5034	102	34.3	93		143					1	63	100		
152											4				
155	4002	113	66.6	95		138				8	4	100	100		
158						136				4	1		60		
159						143			159	3					
160										3					
161	4275	500	40.8	70		139						100	100		
162	1316	80	42.7	76		135					4	80	70		
164	6269	73	34.4	85	30					4	4		70		
165	3750	51	46.			143					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	5147	89	37.8	97		138		1R			1	72	100	*	
152							5S	5S			5				
155	4135	116	66.8	95		138				8	5	100	100		
158						134		30S		6	1		50		
159						137		5S	20S	3					
160										6					
161	4275	500	46.6	75		138		40S				100	100		
162	1016	61	51.7	70		135					5	80	70	*	
164	5135	60	32.7	85	30					6	5		70		
165	5030	69	53.			144					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
71 OWS852628 ALCEDO/5/AU/3/MINN//HK/38MA/4/YMH/ERA HW ID# = 900349 OR 900349															
10						140					7				
14	6700	91	46.	90		147				1	0				
17															
18															
19															
20	5389	60						70S							
31															
33					10	149	40MS	40MS			4		70		
35				105		138	10MR	5R			5				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	5455	75		100	10	143					5				
37			35.7			144					8				
38															
39				100	10	150						95	100		
55				85		171								*	
59															
62															
65															
67				78		147				5			100		
68	4698	123	41.6	95		251				1					
71				100		144	5R	90S			1		100		
83	4586	80	228.	100		154									
85															
86															
87															
90															
91															
92		102		92		147					5		75	*	
98															
99															
101															
102															
103	6005	104	40.1	92		145					3	84	100	*	
152							1MS	10S			5				
155	5602	158	76.8	110		138				7	6	100	100		
158						136		40S		6	1		50		
159						141		15S	25S	3					
160										5					
161				70		141		40S				90	100		
162	580	35	46.8	93		139					6	80	10		
164	6536	76	39.1	90	20					6	8		70		
165	5590	77	53.			145.					3				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
72	SEP841009		SEPC884048/SEPC884038												
10						145					6				
14	7000	95	42.	94		150				0	0				
17															
18	11703	92	78.2	95		154	40MS	50S		2					
19															
20	7450	83					50S								
31															
33					10	153					3		70		
35				105		144	50S				6				
36	3980	54		95	10	149					8				
37			35.			146					8				
38															
39				100	10	151						100	100		
55				85		148									*
59															
62															
65															
67				70		151				5			100		
68	4648	122	39.1	91		263				0					
71				95		147	70R				2		100		
83	4296	75	210.	100		160									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		67		84		151					0		80		
98															
99															
101															
102															
103	5433	95	35.7	90		146					3	88	100		
152							305	55			6				
155	3335	94	61.9	100		144				8	6	100	100		
158						142		405		4	3		60		
159						143		55	205	3					
160										4					
161	2850	333	46.6	65		146		5MR				90	100		
162	1536	93	44.9	72		141					6	100	55	*	
164	7603	89	41.	90	20					3	7		70		
165	5480	75	57.			145					2				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
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73	SEP841016		SEPC884055/MLC												

HW ID# = 900423 OR 900423

10						147					9				
14	7500	102	34.8	88		151				1	0				
17															
18	12453	98	80.6	95		156		60S		3					
19															
20	8610	96													
31															
33					10	156	60MS	60MS			4		60		
35				100		144		5R			7				
36	4385	60		95	10	146					9				
37			51.			147					7				
38															
39				105	10	149						100	100		
55				80		174									
59															
62															
65															
67				77		151				6			100		
68	5201	136	38.8	95		269				0					
71				90		149		99MS			5		100		
83	4664	82	220.	100		162									
85															
86															
87															
90															
91															
92		51		86		153					6		75		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - 'LATE' Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	6120	106	32.	95		148					5	63	100		
152								1MS			8				
155	4402	124	68.	100		144				7	7	100	100		
158						142		50S		5	3		60		
159						143		5S	20S	5					
160										5					
161	4560	533	43.2	65		148		40S				100	100		
162	1892	115	43.3	76		140					8	100	70		
164	6936	81	36.4	90	10					4	9		70		
165															
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

74	SWM15259	PJ/HN4//GLL/3/SERT	HW	ID# =	900475 OR 900475
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10					140			7	
14	7000	95	42.	90	152			0	0
17									
18	10870	86	82.8	90	140	80S		4	
19									
20	5862	65				80S			
31									
33					147	20MR	20MR	2	60
35				105	137	5R		5	

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	4500	61		95	50	141					8				
37			32.3			141					3				
38															
39				105	10	150						100	100		
55				95		174									
59															
62															
65															
67				80		145				5				90	
68	4176	109	42.8	96		247				0					
71				95		141	5MS				0			100	
83	4500	79	237.	100		154									
85															
86															
87															
90															
91															
92		62		90		148					0			60	
98															
99															
101															
102															
103	6005	104	39.6	107		144					3	70	100		
152							10MS				4				
155	4935	139	73.7	100		138				7	4	100	100		
158						136				5	1		30		
159						137			15S	4					
160										4					
161				65		139		10MR				90	100		
162	1168	71	46.8	82		136					6	100	55		
164	7670	90	84.2	90	20					3	6		70		
165	4610	63	50.			144					0				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
75 POPE87-07 GREER/PECK//HILL/3/GREER/53118//MH6T SW ID# = 900542 OR 900542															
10						144					6				
14	7700	104	44.	85		147				0	0				
17															
18	12661	100	79.4	90		154		60S		4					
19															
20	8164	91													
31															
33					20	154	99S	99S			3		50		
35				105		141		60S			6				
36	5135	70		100	10	146					4				
37			57.3			145					7				
38															
39				100	10	150						100	100		
55				75		174									
59														*	
62															
65															
67				78		151				6			100		
68	4837	127	47.6	82		268				0					
71				90		145	1R	80MS			3		100		
83	4751	83	215.	95		161									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92				82		152					0		30		
98															
99															
101															
102															
103	6120	106	45.	85		147					3	74	100	*	
152								58			5				
155	4135	116	62.9	95		141				8	6	100	100		
158						141		60S		6	1		40		
159						143		5S	20S	4					
160										4					
161				65		143		10MS				90	100		
162	1764	107	51.	71		139					6	100	70		
164	6336	74	41.2	80	20					4	8		50		
165	5070	70	51.			144					2				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
76	WWR870035		TJB842-12919/SPN//SPN*2/HH								SW ID# =		908332 OR 908332		
10						147					5				
14	7500	102	41.2	95		152				1	0				
17															
18	12786	101	80.8	100		157	5MR	30MS		3				*	
19															
20	8697	97													
31															
33					10	155	20MR	60S			3		50		
35				110		144		5R			6				
36	5370	73		110	10	149					5				
37			39.7			150					3				
38															
39				95	10	148						100	100		
55				85		184									
59															
62															
65															
67				93		151				6			100		
68	3541	93	39.3	88		275				0					
71				105		147	1R	40MR			1		100		
83	3704	65	202.	105		145									
85															
86															
87															
90															
91															
92		44		92		154					0		40		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	6577	114	37.9	92		149					5	66	100		
152							1MR	1S			5				
155	4002	113	68.9	105		146				7	5	100	100		
158						149		40S		4	2		60		
159						142		5S	5S	5					
160										3					
161	3705	433	47.4	70		148						90	100		
162	1844	112	48.8	84		141					6	80	80		
164	6870	80	44.1	95	20					3	7		70		
165	6420	88	53.			146					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
77 WWB870035 TJB842-12919/SPN//SPN*2/HH SW ID# = 908334 OR 908334															
10						147					4				
14	8400	114	40.4	90		152				1	0				
17															
18	12953	102	80.8	100		156	5MR	10S		3				*	
19															
20	7810	87													
31															
33					20	155	20MR	60S			3		50		
35				100		146		10MR			6				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	4955	68		100	10	147					6				
37			50.3			147					3				
38															
39				95	10	150						95	100		
55				90		174								*	
59															
62															
65															
67				75		151				6			100		
68	4526	119	30.6	93		270				0					
71				100		147	1R	10MR			1		100		
83	3226	56	220.	100		163									
85															
86															
87															
90															
91															
92				77		154							10		
98															
99															
101															
102															
103	4861	84	37.1	85		149					5	85	100		
152								5S			5				
155	3468	98	65.6	100		145				8	6	100	100		
158						149		40S		6	1		60		
159						149		5S	15S	4					
160										3					
161	4275	500	49.6	75		147		1R				90	100		
162	960	58	49.2	85		142					6	80	10	*	
164	6269	73	71.2	85	10					3	6		70		
165	4540	62	58.			145					0				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
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175
176
177
178
185
186
187
192
195
197

78	WWC870066	SPN*2/HH/3/VPM/MOS951//2*HILL				SW	ID# =	908340 OR 908360	
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10						147				6					
14	7500	102	37.6	91		152				0	0				
17															
18	11370	89	80.3	100		157				2					
19															
20	6156	68													
31															
33					10	154	20MR	40MS			3		50		
35				100		146		20MS			7				
36	5655	77		100	10	149					8				
37			27.7			148					8				
38															
39				100	10	149						95	100		
55				90		179									
59															
62															
65															
67				72		151				6			100		
68	3630	95	39.3	89		272				0					
71				100		147		99S			6		100		
83	3939	69	221.	95		165									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92				76		154					5		40		
98															
99															
101															
102															
103	5719	100	39.2	90		149		1R			5	90	100		
152								1S			7				
155	3601	101	68.3	100		147				7	7	100	100		
158						144		40S		5	5		70		
159						142			20S	4					
160										4					
161	2850	333	44.	65		148		5MR				80	100		
162	1760	107	41.8	82		141					7	80	80		
164	7403	87	62.5	85	10					3	9		50		
165	5960	82	52.			146					3				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
79	WUC870088														
10						147					7				
14	8400	114	33.2	85		154				0	0				
17															
18	12328	97	82.4	95		156	40MS	10MS		2					
19															
20	8590	96					10MR								
31															
33					20	158	40MS	60MS			4		50		
35				100		147	20MS				6				
36	5525	76		100	20	148					5				
37			51.			148					8				
38															
39				90	10	149						95	100		
55				95		187									*
59															
62															
65															
67				77		151				6			100		
68	4826	127	37.	88		249				0					
71				105		149	50R				5		100		
83	3861	68	218.	95		165									
85															
86															
87															
90															
91															
92		55		83		154					1		80		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
103	8007	140	35.3	92		149					7	74	100		
152							20MS	1S			7				
155	3201	90	67.8	95		146				7	7	100	100		
158						147				4	3		50		
159						142			20S	4					
160										4					
161				70		149		10MS				100	100		
162	2176	132	42.3	82		141					7	100	100		
164	7070	83	49.6	85	20					4	9		50		
165	6140	85	46.			147					4				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

81	WWH870118	SPN/YMHDW/4/TJB259-83/3/CD/P101//DRC								SW	ID# =	908385 OR 908385			
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10						144					7				
14	7500	102	34.4	83		142				1	1				
17															
18	11537	91	80.1	90		154	5MS	30MS		3					
19															
20	5949	66													
31															
33					20	153		99S			4		50		
35				100		144	40S	70S			5				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	6475	89		95	10	146					6				
37			47.			145					7				
38															
39				90	10	149						100	100		
55				90		171								*	
59															
62															
65															
67				75		149				6			100		
68	1442	37	42.6	75		266				2					
71				90		144	15R	99S			1		100		
83	4723	83	207.	100		162									
85															
86															
87															
90															
91															
92				75		154					1		60		
98															
99															
101															
102															
103	5605	98	41.4	84		147		1R			5	76	100		
152								2S			4				
155	5202	147	69.1	90		140				7	7	100	100		
158						141		40S		6	3		60		
159						141		15S	5S	5					
160										3					
161				70		143		10MR				80	100		
162	1628	99	48.6	72		137					6	80	80		
164	6670	78	37.6	80	20					4	7		50		
165	5510	76	51.			145					4				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
82	WWN870203		ID#3865059/5/7C/CNO//CAL/3/YMH												
							SW	ID#	=				908419 OR 908419		
10						147					7				
14	8100	110	37.2	90		151				0	4				
17															
18	12578	99	82.8	105		159	30MS	55		2					
19															
20	8117	90													
31															
33					10	155	40MR	60MS			3		50		
35				100		146	40S	50S			6				
36	5475	75		105	10	150					4				
37			51.			148.					7				
38															
39				100	10	148						100	100		
55				100		186									
59															
62															
65															
67				90		151				6			100		
68	2606	68	28.8	95		272				3					
71				110		149	50MR				4		100		
83	3626	63	219.	100		164									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		57		88		155					3		80		
98															
99															
101															
102															
103	6005	104	35.4	93		150					7	70	100		
152							1MR				7				
155	3601	101	71.	110		147				8	7	100	100		
158						147		30S		5	4		70		
159						143		1S	5S	4					
160										3					
161	3990	466	42.4	70		148		5MR				80	100		
162	1040	112	42.7	86		140					7	80	70		
164	8537	100	47.9	95	20					4	8		40		
165	6400	88	45.			145					3				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
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83	WWV870265		FW73830-001//SAMBO/MOLDOVA/4/TJR259-83/3/CD/P101//DRC												
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10						147					7				
14	6700	91	34.4	82		156				1	0				
17															
18	8329	65	79.7	95		162	60S			3					
19															
20	5636	63					10MS								
31															
33					10	159	20MR	40MS			3		60		
35				95		147	20MS	5R			5				
36	4880	67		100	10	151					5				
37			45.3			149					8				
38															
39				100	10	150						100	100		
55				70											
59															
62															
65															
67				81		151				6			100		
68	2798	73	26.3	82		275				3					
71				95		149	70MS				3		100		
83	4355	76	220.	95		165									
85															
86															
87															
90															
91															
92				86		155					4		40		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	5777	100	33.6	90		150					7	61	100		
152							5S				7				
155	2934	83	63.6	95		147				8	6	100	100		
158						144		10S		4	5		100		
159						154			20S	5					
160										3					
161	3420	400	43.2	70		148						80	100		
162	1576	96	42.4	78		142					6	70	70		
164	7870	92	62.	90	20					3	8		40		
165	8210	113	50.			147					5				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

84	WWV870265	FW73830-001//SAMBO/MOLDOVA/4/TJB259-83/3/CD/P101//DRC	HW	ID# =	908429 OR 908429
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10					149				4						
14	7000	95	32.8	82	155					1	0				
17															
18	10204	80	80.6	90	163	20MS	30MS			3				*	
19															
20	5949	66													
31															
33					10	157	40MS	60S			3		60		
35				95	150						5				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	4705	64		100	10	155					2				
37			42.3			150					5				
38															
39				105	10	150						100	100		
55				85											
59															
62															
65															
67				82		152				4			100		
68	2891	76	24.9	89		275				4					
71				95		151	10MS	15MR			2		100		
83	2845	50	207.	95		166									
85															
86															
87															
90															
91															
92				84		154					5		40		
98															
99															
101															
102															
103	4861	84	32.2	85		152					7	62	100		
152											5				
155	933	26		95		154				8	5		100		
158						151		20S		5	2		70		
159						150		1S	15S	5					
160										2					
161	2565	300	39.6	70		149						60	100		
162	1704	103	38.6	80		144					5	100	80		
164	6403	75	42.2	90	20					4	4		50		
165	10970	151	46.			146					3				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE / Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
85 WRB870432 TJR368-251/RUC//UT1567-121 SW ID# = 908452 OR 908452															
10						144					8				
14	8500	115	38.4	81		154				0	0				
17															
18	13327	105	82.6	95		154	5MS	30MS		2				*	
19															
20	10585	118					20MR								
31															
33					10	157	20MR	10MR			3		60		
35				100		145	10MR				7				
36	5085	81		95	10	147					9				
37			52.			146					8				
38															
39				105	10	151						95	100		
55				70											
59															
62															
65															
67				76		149				6			100		
68	5394	142	42.5	75		265				1					
71				90		147	20R				4		100		
83	4676	82	202.	95		163									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		62		85		155					2		60		
98															
99															
101															
102															
103	6063	106	35.4	96		149					7	69	100		
152							15				6				
155	2668	75	62.8	100		144				7	7	100	100		
158						141				4	5		50		
159						154			155	5					
160										4					
161	5130	600	49.2	65		144						100	100		
162	2032	123	48.6	76		140					7	80	80		
164	6003	70	40.2	85	10					3	9		50		
165	8330	115	49.			146					6				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
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86	WRK870524		RBS/68-1846/3/CC//CAL/SR/4/RUST 10								HW	ID# =	908455 OR 908455		
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10						147					5				
14	5500	74	37.2	82		153				0	0				
17															
18	11453	90	83.2	100		157	5R	30MS		2				*	
19															
20	6643	74													
31															
33					20	157	20MR	20MR			2		60		
35				90		148	5R	5R			4			*	
36	4655	64		100	20	152					5				
37			53.			150					6				
38															
39				105	10	150						100	100		
55				80		187									
59															
62															
65															
67				85		149				6			100		
68	2984	78	32.	84		268				3					
71				95		149		5MR			4		100		
83	3539	62	213.	95		164									
85															
86															
87															
90															
91															
92				80		154					2		20		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	6863	119	36.1	90		149					7	75	100		
152							1MS	2S			6				
155	3201	90	67.1	105		147				7	5	100	100		
158						145		30S		5	3		100		
159						148			5S	5					
160										3					
161	3420	400	44.4	70		149		1R				90	100		
162	1612	98	45.1	76		141					5	80	55		
164	6536	76	51.8	85	10					3	8		70		
165	6290	87	44.			146					2				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

87 OWT852716 AU/ERA/4/KAL/PMF/3/7C/CNO//CAL,F1/5/DYBR83-81 HR ID# = 900012 OR 900012

10						145					3				
14	5500	74	35.6	90		153				2	0				
17															
18	10953	86	82.6	105		154	50S			5					
19															
20	7737	86					40MS								
31															
33					10	155	5MR				2		60		
35				100		145					5				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	3920	53		110	50	146					5				
37			20.			146					7				
38															
39				100	10	150						100	100		
55				75		168									
59															
62															
65															
67				93		150				6			60		
68	3266	85	31.6	86		257				2					
71				105		147					4		100		
83	2869	50	206.	95		164									
85															
86															
87															
90															
91															
92						152							2		
98															
99															
101															
102															
103	3431	59	35.2	96		147					1	71	80		
152											6				
155	3335	94	69.	115		144				7	7	100	100		
158						143				6	2		60		
159					75	152			20S	5					
160										3					
161	1995	233	41.4	70		145						50	100		
162	572	34	42.4	76		143					5	100	5		
164	5869	69	64.	100	30					3	4		70		
165	3360	46	48.			146					0				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
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175
176
177
178
185
186
187
192
195
197

88	OWA852722		OW842134,F1/5/85CB077								HW ID# =	900023 OR 900023
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10						144					5	
14	5300	72	33.2	82		153				1	0	
17												
18	9496	75	81.5	90		153	60S	5S		4		
19												
20	5922	66					60MS					
31												
33					10	154	20MR	10MR			2	60
35				95		141					3	
36	5710	78		90	20	144					5	
37			41.			144					7	
38												
39				105	10	150						100
55				90		168						100
59												
62												
65												
67				77		147				6		100
68	2263	59	28.7	84		265				0		
71				90		145	15MS				4	100
83	4394	77	234.	90		160						

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - ILATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		45		85		151					0		40		
98															
99															
101															
102															
103	4003	70	29.7	86		145					5	64	100		
152							1MR				5			*	
155	3068	86	65.4	95		139				8	4	100	100		
158						140		20S		4	1		100	*	
159						143		5S	20S	4					
160										3					
161	4275	500	39.2	70		143						80	100		
162	1200	73	41.3	67		137					7	100	35		
164	5869	69	44.4	80	20					3	4		70		
165	5370	74	49.			144					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
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89	DWA852729		KAL/PMF/3/7C/CNO//CAL/4/NO57/PEX,F1/5/RSK//CNOS/GLL								HW	ID# =	900034 OR 900034		
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10						140					8				
14	7000	95	35.6	92		151				1	0				
17															
18	12078	95	83.7	120		147	20MS	10MS		5				*	
19															
20	7083	79													
31															
33					30	146	40MR	40MR			4		60		
35				110		134		40S			7				
36	3890	53		105	50	142					8				
37			39.			142					9				
38															
39				105	10	149						95	100		
55				80		164									
59															
62															
65															
67				88		145				6			60		
68	4159	109	37.	95		253				1					
71				110		138	20MS	996			4		100		
83	4288	75	218.	100		154									
85															
86															
87															
90															
91															
92				75		148							10		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	6005	104	40.1	97		141		99S			7	61	80		
152							1MR	10S			6				
155	4402	124	73.	125		137				9	8	100	100		
158						136		60S		5	3		60		
159					100	139		20S	25S	6					
160										4					
161				70		139		60S				80	100		
162	1604	97	43.3	74		137					7	100	35		
164	4669	54	44.4	90	20					4	9		70		
165	4190	58	52.			143					5				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
90 OWN852788 D6301/HN7//ERA/3/BUC/4/MLC,F1/5/MLC SW ID# = 900081 OR 900081															
10						145					6				
14	8600	117	41.2	85		146				1	0				
17															
18	11828	93	80.1	95		155	10MS	5S		3				*	
19															
20	7143	79													
31															
33					20	153	40MS	40MR			5		60		
35				100		145					6				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	5780	79		95	20	149					7				
37			62.3			146					8				
38															
39				100	10	149						95	95		
55				75											
59															
62															
65															
67				80		149				6			100		
68	4341	114	43.3	85		266				2					
71				100		146	25R	10S			4		100		
83	4268	75	203.	100		161									
85															
86															
87															
90															
91															
92				73		151					0		20		
98															
99															
101															
102															
103	4575	80	37.8	86		149		1R			5	75	100		
152							20S				7				
155	4135	116	67.	100		143				7	6	100	100		
158						141		30S		4	3		50		
159						143			25S	4					
160										3					
161	3990	466	52.4	70		145		1R				90	100		
162	2104	128	49.2	81		139					6	80	80		
164	7537	88	63.	90	10					3	6		50		
165	6680	92	51.			146					4				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint-Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
91	QWR852814		TRK/4/VPM/MOS83-11-4-8//HILL,F1/3/ASP,F1/4/SRG/SPN							SR	ID# =	900103 OR 900103			
10						143					3				
14	8000	108	40.8	85		151				1	0				
17															
18	11245	88	83.2	95		148	10MR	5S		3				*	
19															
20	6109	68													
31															
33					20	148	10MR	40MS			3		50		
35				95		136	5R				2			*	
36	6535	90		100	10	143					5				
37			43.6			144					7				
38															
39				105	10	149						95	100		
55				75		168									
59															
62															
65															
67				80		145				6			100		
68	3937	103	46.	95		267				3					
71				100		144	20R	15MR			4		100		
83	6503	114	230.	95		154									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92				76		153					0		30		
98															
99															
101															
102															
103	5090	88	36.	92		143					3	76	100		
152							1MS	1S			4				
155	3735	105	66.	95		138				7	4	100	100		
158						136		30S		5	3		60		
159						141		5S	25S	3					
160										2					*
161	3990	466	48.6	70		149		5MS				90	100		
162	1284	78	50.6	82		137					5	80	55		
164	7203	84	74.3	95	20					3	7		70		
165	5850	81	54.			145					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
92	OWL852563		F12.71/COC//CARSTEN/GIGANT												
											ID# =	900322 OR 900322			
10						143					6				
14	6700	91	39.2	80		147				0	0				
17															
18	8788	69	80.3	85		146	80S	10MS		4					
19															
20	6149	68					50MS								
31															
33					10	151	40MS	60MS			3		50		
35				95		139	5R				5			*	
36	4230	58		90	10	143					8				
37			40.3			143					7				
38															
39				100	10	151						95	100		
55				75		182								*	
59															
62															
65															
67				75		146				6			90		
68	4376	115	47.7	83		252				0					
71				90		144	1R	60MS			5		100		
83	4406	77	220.	85		161									
85															
86															
87															
90															
91															
92		77		80		148					2		60		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	5548	97	34.4	90		145					3	70	100		
152							2MS	10S			5				
155	4002	113	66.3	85		139				6	6	100	100		
158						136		30S		6	3		50		
159						141		5S	25S	4					
160										4					
161	1995	233	49.3	65		140						60	100		
162	1252	76	44.7	61		136					5	80	55		
164	6803	80	37.2	80	10					4	8		70		
165	5720	79	49.			146					2				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

93	COSTA87-6	OR CR8512/GP-MT5221					SR	ID# =	900529 OR 900529
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10						143			5
14	7000	95	38.	92		149		1	0
17									
18	12953	102	82.8	100		154	60S	5S	3
19									
20	6343	70					10MS		
31									
33					10	152	60S		4
35				105		140	5R		6

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	3820	52		110	65	145					5				
37			28.7			144					8				
38															
39				95	10	150						95	100		
55				65		173									
59															
62															
65															
67				86		146				5					
68	4159	109	37.8	93		270				0					100
71				105		145	10R				6				100
83	5746	101	239.	105		160									
85															
86															
87															
90															
91															
92				83		151									10
98															
99															
101															
102															
103	6005	104	40.	97		146					5	78	100		
152							5MS				5				
155	3335	94	66.5	110		140				8	6	100	100		
158					40	141				6	4		60		
159						146			15S	5					
160										3					
161	3705	433	46.	75		143		5MS				80	100		
162	1344	81	45.5	79		137					7	70	55	*	
164	5869	69	54.9	100	30					4	8		70		
165	4270	59	48.			145					4				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - 'LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
94	COSTA87-7		OR CR8313/OR CR8601								HR ID# =		900534 OR 900534		
10						146					5				
14	8700	118	45.6	90		151				1	0				
17															
18	11661	92	84.6	100		155	50S			3					
19															
20	6850	76													
31															
33					20	150	40MS 40MR				3		60		
35				105		145					4				
36	5865	80		105	20	146					3				
37			65.7			144					8				
38															
39				95	10	148						95	100		
55				80		170									
59															
62															
65															
67				88		149				5			100		
68	4259	112	34.2	90		265				0					
71				105		145					5		100	*	
83	3872	68	226.	95		162									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		58		85		151					5		45		
98															
99															
101															
102															
103	5433	95	37.9	93		147					5	58	100		
152							1MS				5			*	
155	4002	113	74.3	110		144				7	6	100	100		
158					30	141				6	4		60		
159						145			20S	4					
160										3				*	
161	2565	300	44.	75		143						70	100		
162	692	42	51.	88		142					5	100	10		
164	7070	83	76.9	100	20					4	5		50		
165	4740	65	48.			145					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDMS (%)	LINES SELECTED	MISC
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95	POPE87-07		GREER/PECK//HILL/3/GREER/53118//MH6T												
											ID# =		900541 OR 900541		

10						144					6				
14	8500	115	40.4	85		151				2	0				
17															
18	13536	107	79.2	90		154	20MS	50S		3					
19															
20	7890	88													
31															
33					10	153		60S			3		60		
35				100		140	5R	70S			5				
36	5890	81		100	10	146					7				
37			62.3			144					7				
38															
39				100	10	150						100	100		
55				70		180									
59															
62															
65															
67	6277			78		148				6			100	*	
68	4423	116	44.5	82		267				4					
71				90		145		90MS			4		100		
83	4766	84	195.	95		162									
85															
86															
87															
90															
91															
92				83		152					1		25		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	5777	100	42.8	88		148		1R			3	65	100	*	
152							1MS	10S			5				
155	4268	120	65.9	100		142				7	5	100	100		
158						141		70S		5	2		50		
159						145		15S	25S	6					
160										3					
161				65		143		20MS				60	100		
162	1904	116	53.3	69		140					5	80	55		
164	7603	89	43.3	85	20					3	9		50		
165	6760	93	53.			145					5				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

96	POPE87-07	GREER/PECK//HILL/3/GREER/53118//MH6T								SW	ID# =	900542 OR 900542			
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10						145					5				
14	7000	95	38.8	86		152				2	0				
17															
18	12661	100	78.8	90		154		70S		3					
19															
20	6803	76													
31															
33					10	154		60S			3		60		
35				100		140	5R	70S			6				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	5330	73		100	10	146					7				
37			50.			145					7				
38															
39				100	10	150						100	100		
55				75		182									
59															
62															
65															
67				76		149				7			100		
68	4319	113	45.6	75		266				3					
71				90		145		998			4		100		
83	3892	68	199.	95		161									
85															
86															
87															
90															
91															
92				80		152					4		20		
98															
99															
101															
102															
103	4575	80	42.8	86		148					5	78	100		
152								108			6				
155	4669	132	67.4	100		142				7	5	100	100		
158						143		708		5	3		50		
159						143		58	208	5					
160										4					
161				65		145		20MS				80	100		
162	1800	109	54.2	68		137					5	80	70		
164	7470	87	39.2	85	20					4	8		40		
165	5370	74	54.			145					5				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
97 MT 871569 LENORE/DAWS ID# = 900543 OR 900543															
10						145					6				
14	6600	89	40.6	90		151				0	0				
17															
18	10995	87	83.	95		154	60S			2					
19															
20	7096	79					30MS								
31															
33					20	150	60MS	40MR			3		50		
35				100		140	5R	5R			5				
36	3710	51		105	20	144					8				
37			36.3			144					6				
38															
39				95	10	149						95	100		
55				85		172									
59															
62															
65															
67				85		148				4				100	
68	4458	117	40.8	86		264				0					
71				100		144	10R				2		100		
83	4006	70	216.	100		162									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92				90		149					0		30		
98															
99															
101															
102															
103	4976	86	40.2	96		146					3	84	100		
152							2MS	2S			4				
155	3868	109	69.9	105		140				8	5	100	100		
158					40	143		40S		6	3		50		
159						143		1S	25S	4					
160										3					
161	2850	333	50.4	75		143						80	100		
162	1244	75	49.9	77		137					6	80	55		
164	6203	72	41.3	95	50					5	7		70		
165	6160	85	55.			145					2				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
98	OWT852241		CLLF/BEZ//SU92/CI13645/3/NAI60/4/EMUS/5/DYBR83-59												
10						145					4				
14	7000	95	44.2	92		150				3	0				
17															
18	10620	84	81.9	105		146	30MS	20MS		4					
19															
20	5602	62													
31															
33					20	154	40MS	40MR			2		50		
35				110		138	10MR				3				
36	4245	58		110	20	144					8				
37			39.7			144					5				
38															
39				100	10	150						95	100		
55				75		168									
59															
62															
65															
67				92		148				6			100		
68	4298	113	42.	96		269				2					
71				105		145	10R	20S			0		100		
83	3892	60	220.	105		159									
85															
86															
87															
90															
91															
92		40		91		151					1		40		
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - ILATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	4003	70	35.4	97		147					1	60	100		
152								1MS			4				
155	4535	128	71.9	110		139				7	4	100	100		
158					40	139		40S		6	1		50		
159						142		5S	5S	5					
160										3					
161	1995	233	45.8	75		143		1R				60	100		
162	980	59	48.7	81		137					5	100	55		
164	6269	73	36.6	105	40					3	5		70		
165	6930	95	46.			145					0				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

99	OWN852498	6720-11//MDA38/WRM/3/MLC	SW	ID# =	900302 OR 900302
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10					144				7		
14	10700	145	44.8	92	150				0	0	
17											
18	12619	99	81.7	100	152	5MS	20MS		3		
19											
20	8751	97				5MR					
31											
33					154	10MR	10MR		4		50
35				100	144	5R	70S		4		

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	6430	88		105	20	146					8				
37			59.3			144					6				
38															
39				95	10	151						100	100		
55				85											
59															
62															
65															
67				91		147				6					
68	4762	125	50.8	90		264				0				100	
71				100		144	1R	80S			4			100	
83	6162	100	225.	105		160									
85															
86															
87															
90															
91															
92		95		84		151					0		60	*	
98															
99															
101															
102															
103	6863	119	14.8	95		147					3	69	100	*	
152							5MS	2S			5				
155	6403	181	76.7	105		142				4	5	100	100		
158						141		20S		5	3		50		
159					25	143		1S	15S	4					
160										4					
161	1995	233	52.	70		145		40S				60	100		
162	1604	97	52.3	77		137					8	100	70		
164	9137	107	76.9	100	20					4	7		40		
165	4850	67	54.			145					2				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - ILATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															
101	OWL852524		ND/F101//BB/GLL/3/TJB54-218/MHB30-2//HTL							SW	ID# =	900308 OR 900308			
10						140					3				
14	10500	142	41.6	90		147				1	0				
17															
18	11578	91	79.4	95		143	60S			3					
19															
20	5896	65					40S								
31															
33					20	146	40MR				3		50		
35				107		134	10MR				2				
36	6885	94		100	50	141					3				
37			62.3			139					5				
38															
39				100	30	149						100	100		
55				90		188								*	
59															
62															
65															
67															
68	3295	86	40.3	87		252				0					
71				90		145	60MR				0		100		
83	3731	65	218.	90		159									

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
85															
86															
87															
90															
91															
92		64		85		147					0		30		
98															
99															
101															
102															
103	4575	80	33.7	88		143					3	73	100		
152							10S	1MS			4				
155	3335	94	69.7	100		139				8	3	100	100		
158					30	138				5	1		50		
159					85	139			15S	6					
160										4					
161				60		142		10MS				50	100		
162	1064	64	48.2	67		136					7	80	45		
164	9404	110	41.8	90	60					5	4		70		
165	5290	73	52.			145					3				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
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102	OWL852563		F12.71/COC//CARSTEN/GIGANT								SR ID# =		900321 OR 900321		
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10						144					6				
14	6000	81	45.2	98		148				1	0				
17															
18	11537	91	81.9	110		147									
19															
20	9004	100						10MR							
31															
33					10	153	40MR	20MR			3		50		
35				115		130					5				
36	3035	52		105	20	145					5				
37			47.			145					7				
38															
39	1920	88	62.	105	30	148		40S		2	2	100	100	*	
55				90		189								*	
59															
62															
65															
67															
68	3491	91	41.2	98		254				0					
71				110		144		70MS			5		100		
83	3006	53	212.	100		165									
85															
86															
87															
90															
91															
92		94		90		149					0		70	*	
98															
99															
101															
102															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
103	4289	75	44.1	101		145					5	66	100	*	
152							5S	40S			5				
155	4135	116	74.1	110		140				6	5	100	100		
158					20	143				5	2		50		
159					25	145		1S	25S	5					
160										3					
161	1710	200	47.	75		141		5MR				80	100		
162	1844	112	49.1	78		137					7	80	70		
164	8537	100	44.1	100	20					4	4		70		
165	4890	67	46.			146					4				
166															
172															
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

103	OWL852564	F12.71/COC//78W025001									HW	ID# =	900334 OR 900334
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10						144					7				
14	8900	121	36.	92		151				1	0				
17															
18	11078	87	82.1	100		153	60S	5MS		4					
19															
20	5502	61					5R								
31															
33					20	153	40MR				4		40		
35				100		145					6				

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
36	3255	44		110	50	146					7				
37			48.7			145					7				
38															
39	2120	98	61.	105	30	150		65S		2	2	100	100	*	
55				90		174								*	
59															
62															
65															
67															
68	2470	65	32.4	89		267				0					
71				100		146	10MS	70S			6		100		
83	3951	69	224.	100		161									
85															
86															
87															
90															
91															
92		116		92		151					2		95	*	
98															
99															
101															
102															
103	2287	40	32.4	90		148					5	91	100		
152							5S	30S			7			*	
155	3868	109	72.4	100		142				6	7	100	100		
158					20	143		20S		5	3		50		
159						144		1S	20S	5					
160										5					
161	3990	466	47.4	75		144		40S				80	100		
162	1664	101	46.9	74		137					6	80	70		
164	7537	88	65.	95	30					5	8		70		
165	3990	55	49.			145					4				
166															
172															

TABLE 2. Tabulation of All Agronomic Characteristics Measured for All Entries at All Locations Reporting Results of the 16th International Winter X Sprint Wheat Screening Nursery - LATE Lines

ENTRY LOCATION	YIELD (KG/HA)	% OF CHECK	TEST WT OR 1000KW	PLANT HEIGHT (CM)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPT T	E G T	STAND EST	WINTER HDNS (%)	LINES SELECTED	MISC
175															
176															
177															
178															
185															
186															
187															
192															
195															
197															

176

LATITUDE: * ° ' LONGITUDE: * ° ' ELEVATION: * M
DATE PLANTED: 10/20/92 DATE HARVESTED: 8/3/93
MOISTURE: MM TOTAL FERTILIZER: 85N
LOCAL CHECK VARIETY USED IN THIS NURSERY: Apollo

COMMENTS: Very early and very dry year.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

*

*

ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC
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5	100	147	6
101		140	3
68		142	3
24		140	5
91		143	3
69		143	4
9		140	6
67		144	4
93		143	5
65		144	5
88		144	5
32		144	5
16		141	6
59		144	5
92		143	6
87		145	3
58		143	6
38		143	6
71		140	7
70		140	7
74		140	7
14		144	6
98		145	4
30		144	6
54		144	6
95		144	6

TABLE 3- 14. Entries Selected for Over All Agronomic Performance at Location 14 in Rainfall Zone 2

COUNTRY: Bulgaria LATITUDE: 43°40'N LONGITUDE: 28°10'E ELEVATION: M
 STATE: Dobrich DATE PLANTED: 10/2/92 DATE HARVESTED: 7/20/93
 STATION: Institute for Wheat and Sunflower MOISTURE: 403MM TOTAL FERTILIZER: 60N 120P
 COOPERATORS: Nina Staveeva LOCAL CHECK VARIETY USED IN THIS NURSERY: Plisua

COMMENTS: Precipitation was sufficient. Temperatures were average. 50 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

	*			*		*	*	*									
ENTRY	YIELD	% OF	TEST WT	PLANT	LODGING	DAYS	PUC	PUC	PUC	SEPTORIA	MILDEW	STAND	WINTER	SEL	MISC		
	(Kg/Ha)	CHECK	OR	HEIGHT	(%)	TO	S	R	G	(0-9)	(0-9)	EST	HDNS				
			1000 KW	(cm)		FLOWER						(%)	(%)				
5	7350.0	100	45.2	90		150				3	6						
75	7700.0	104	44.0	85		147				0	0						
99	10700.0	145	44.8	92		150				0	0						
90	8600.0	117	41.2	85		146				1	0						
101	10500.0	142	41.6	90		147				1	0						
50	8500.0	115	46.4	95		150				0	0						
52	7200.0	97	40.0	84		148				0	0						
92	6700.0	91	39.2	80		147				0	0						
72	7000.0	95	42.0	94		150				0	0						
39	7500.0	102	44.0	90		151				0	0						
59	7000.0	95	34.8	77		151				0	0						
71	6700.0	91	46.0	90		147				1	0						
68	5800.0	78	36.4	86		148				0	0						
94	8700.0	118	45.6	90		151				1	0						
103	8900.0	121	36.0	92		151				1	0						
93	7000.0	95	38.0	92		149				1	0						
44	7200.0	97	40.0	90		150				1	0						
91	8000.0	108	40.8	85		151				1	0						
21	6000.0	81	36.8	78		147				1	0						
58	7700.0	104	40.4	75		151				1	0						
73	7500.0	102	34.8	88		151				1	0						
69	5700.0	77	38.0	85		146				1	0						
97	6600.0	89	40.6	90		151				0	0						
41	5700.0	77	40.0	93		150				0	0						
102	6000.0	81	45.2	98		148				1	0						
24	6000.0	81	45.2	83		148				1	0						

TABLE 3- 18. Entries Selected for Over All Agronomic Performance at Location 18 in Rainfall Zone 3

COUNTRY: Chile LATITUDE: 36°31'S LONGITUDE: 71°55'W ELEVATION: 217M
 STATE: DATE PLANTED: 6/15/92 DATE HARVESTED:
 STATION: Quilamapu MOISTURE: 582MMI TOTAL FERTILIZER: 150N 65P
 COOPERATORS: Mario Mellado Z., Fran Matus T. LOCAL CHECK VARIETY USED IN THIS NURSERY: Candela

COMMENTS: May and June too much rain, temperatures lower than average with frosts in October and November. 70 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

	*			*	*	*	*		*								
ENTRY	YIELD	% OF	TEST WT	PLANT	LOGGING	DAYS	PUC	PUC	PUC	SEPTORIA	MILDEW	STAND	WINTER	SEL	MISC		
	(Kg/Ha)	CHECK	OR	HEIGHT	(%)	TO	S	R	G	(0-9)	(0-9)	EST	HDNS				
			1000 KW	(cm)		FLOWER						(%)	(%)				
5	12636.6	100	80.6	100		154		5MS		5							
91	11245.5	88	83.2	95		148	10MR	5S		3				*			
30	13702.8	108	78.3	100		145	30MS	30MS		5							
101	11578.7	91	79.4	95		143	60S			3							
16	11786.9	93	84.1	100		140	30MS	30MS		5							
70	10829.0	85	82.4	100		141	30MS	30MS		3							
66	14161.0	112	80.6	95		154	10MS	10MS		3				*			
99	12619.9	99	81.7	100		152	5MS	20MS		3							
8	12203.4	96	81.7	100		141	40MS			5				*			
39	11120.5	88	83.7	110		146	50MS	10S		3							
50	11412.1	90	82.4	120		142	50S	10S		4							
85	13328.0	105	82.6	95		154	5MS	30MS		2				*			
2	9079.7	71	84.6	120		143	10MS	5S		4							
89	12078.5	95	83.7	120		147	20MS	10MS		5				*			
7	11870.2	93	82.4	95		143	20MS	40MS		5							
68	9329.6	73	78.1	85		141	50MS	20MS		3							
93	12953.1	102	82.8	100		154	60S	5S		3							
31	14119.3	111	80.1	100		146	40MS	50S		6							
37	11870.2	93	83.2	90		153	30MS			3				*			
98	10620.7	84	81.9	105		146	30MS	20MS		4							
38	11786.9	93	82.6	95		152	40MS			3							
95	13536.2	107	79.2	90		154	20MS	50S		3							
32	11911.9	94	81.7	115		148				4				*			
1	9912.7	78	84.1	135		139	70S	5S		5							
44	11037.2	87	80.6	110		152	10MS	20MS		3				*			
74	10870.6	86	82.8	90		140	80S			4							

TABLE 3- 20. Entries Selected for Over All Agronomic Performance at Location 20 in Rainfall Zone 2

COUNTRY: Chile LATITUDE: 38°41'S LONGITUDE: 72°25'W ELEVATION: 200M
 STATE: IX Region DATE PLANTED: 7/14/92 DATE HARVESTED: 2/1/93
 STATION: Carillanca MOISTURE: 769MM TOTAL FERTILIZER: 167N 55P 72K
 COOPERATORS: C. Hewstone, C. Jobet LOCAL CHECK VARIETY USED IN THIS NURSERY: Kona-INIA

COMMENTS: Rainy spring and summer, moderate temperatures. 38 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC
5	8937.8	100					1R								
15	9678.2	108					5MR								
99	8751.0	97					5MR								
102	9004.5	100					10MR								
8	7910.6	88					1R								
79	8591.0	96					10MR								
85	10585.3	118					20MR								
43	6910.1	77					1R								
14	7403.7	82					5MR								
33	7924.0	88					5MS								
47	8537.6	95					10MS								
17	7457.1	83					10MR								
67	6850.1	76					5R								
23	6423.2	71					1R								
27	7950.6	88					20MR								
37	6783.4	75					5MR								
48	7023.5	78					5MS								
70	7523.8	84					10MS								
24	8404.2	94					40MR								
11	7397.0	82					20MR								
7	6116.4	68					5MR								
10	7183.6	80					10MS								
38	7984.0	89					20MS								
103	5502.8	61					5R								
93	6343.2	70					10MS								
87	7737.2	86					40MS								

TABLE 3- 33. Entries Selected for Over All Agronomic Performance at Location 33 in Rainfall Zone 2

COUNTRY: England LATITUDE: 52°12'N LONGITUDE: 000°06'E ELEVATION: 10 M
 STATE: DATE PLANTED: 10/10/92 DATE HARVESTED:
 STATION: Plant Breeding Intl. - Cambridge MOISTURE: 453MM TOTAL FERTILIZER: 135N
 COOPERATORS: Plant Breeding Intl. - Cambridge LOCAL CHECK VARIETY USED IN THIS NURSERY: Hereward

COMMENTS: Dry winter and wet pre-harvest. 56 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	* LODGING (%)	* DAYS TO FLOWER	* PUC S	PUC R	PUC G	* SEPTORIA (0-9)	* MILDEW (0-9)	STAND EST (%)	* WINTER HDNS (%)	SEL	MISC
5	100				10	159	40MS	10MR			3		40		
56					40	149	5R	10MR			3		80		
74					10	147	20MR	20MR			2		60		
67					10	149	20MR	60MS			2		70		
70					10	149	20MR	60MS			2		60		
69					10	148					3		60		
54					10	150		60MS			3		80		
50					20	146	60MS	20MR			3		80		
68					10	148	60MS	40MR			2		70		
55					10	148	60MS				3		80		
91					20	148	10MR	40MS			3		50		
58					20	148	40MR	60S			3		60		
101					20	146	40MR				3		50		
72					10	153					3		70		
2					20	149	40MS	40MS			3		60		
1					40	147	60MS	60MS			3		60		
51					10	149	60S	99S			3		80		
89					30	146	40MR	40MR			4		60		
95					10	153		60S			3		60		
94					20	150	40MS	40MR			3		60		
88					10	154	20MR	10MR			2		60		
64					10	154	10MR	20MR			3		60		
71					10	149	40MS	40MS			4		70		
8					10	149	10MR	10MR			3		40		
62					10	153	10MR	40MS			3		50		
16					20	148	20MR	10MR			4		50		

TABLE 3- 35. Entries Selected for Over All Agronomic Performance at Location 35 in Rainfall Zone 2

COUNTRY: France
 STATE: Auvergne
 STATION: Clermont - Ferrand
 COOPERATORS: J. Koenig, M. Rousset

LATITUDE: 45°47'N LONGITUDE: 3°10'E ELEVATION: 329M
 DATE PLANTED: 10/11/92 DATE HARVESTED:
 MOISTURE: 392MM TOTAL FERTILIZER: 113N 63P
 LOCAL CHECK VARIETY USED IN THIS NURSERY: Soissons

COMMENTS: Mild winter following a rainy autumn. Normal rainfall during winter and spring, mild summer. 50 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LODGING (%)	DAYS TO FLOWER	* PUC S	* PUC R	* PUC G	* SEPTORIA (0-9)	* MILDEW (0-9)	* STAND EST (%)	* WINTER HDNS (%)	SEL	MISC
5	100			90		137	5R	70S			2				
91				95		136	5R				2			*	
101				107		134	10MR				2				
68				95		134	20S	5R			2			*	
69				95		138		5R			3			*	
8				110		134	5R	5R			6				
55				95		139					1			*	
7				105		136	10MR	5R			4			*	
16				110		133	5R	20S			5				
32				115		139					3				
67				95		137	5R	70S			3				
74				105		137	5R				5				
24				100		137	20S	5R			4			*	
98				110		138	10MR				3				
9				105		139		10MR			2				
102				115		130					5				
33				125		139	10MR	5R			4				
17				100		140		5R			3			*	
70				105		133		20MS			5				
39				115		139					4				
3				85		127	50S	5R			7				
12				105		137	5R				6				
71				105		138	10MR	5R			5				
92				95		139	5R				5			*	
54				105		140		5R			4				
4				95		131	10MR	10MR			7				

TABLE 3- 36. Entries Selected for Over All Agronomic Performance at Location 36 in Rainfall Zone 2

COUNTRY: France

LATITUDE: 49° 'N LONGITUDE: 3° 'E ELEVATION: * M

STATE:

DATE PLANTED: 10/30/92

DATE HARVESTED: 8/10/93

STATION: Hybritech Europe

MOISTURE: 488MM

TOTAL FERTILIZER: 150N

COOPERATORS: O. Laudoyer

LOCAL CHECK VARIETY USED IN THIS NURSERY: Soissons

COMMENTS: Normal conditions. 24 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC
5	7260.0	100		85	0	142						5			
7	6410.0	88		100	20	139						3			
101	6885.0	94		100	50	141						3			
54	6650.0	91		90	65	143						3			
16	6460.0	88		95	35	140						5			
32	6405.0	88		110	20	143						4			
55	6125.0	84		90	35	143						4			
91	6535.0	90		100	10	143						5			
24	5580.0	76		100	20	143						4			
31	5720.0	78		110	20	143						5			
56	4960.0	68		105	30	143						4			
71	5455.0	75		100	10	143						5			
94	5865.0	80		105	20	146						3			
15	4550.0	62		110	50	143						5			
17	5485.0	75		95	20	146						3			
57	7215.0	99		85	10	140						2			
37	6095.0	83		105	20	144						5			
1	3075.0	42		120	85	139						5			
69	4085.0	56		90	20	143						5			
23	3560.0	49		100	35	141						5			
88	5710.0	78		90	20	144						5			
13	3740.0	51		110	50	142						5			
9	3910.0	53		100	50	143						5			
64	6910.0	95		90	10	146						5			
45	7065.0	97		110	35	149						2			
18	3670.0	50		105	20	142						5			

TABLE 3- 37. Entries Selected for Over All Agronomic Performance at Location 37 in Rainfall Zone 2

COUNTRY: France
STATE: Somme
STATION: INRA
COOPERATORS: P. Fluchard

LATITUDE: 55°50'N LONGITUDE: 0° 7'E ELEVATION: 85 M
DATE PLANTED: 10/27/92 DATE HARVESTED: 8/20/93
MOISTURE: MM TOTAL FERTILIZER: 124N
LOCAL CHECK VARIETY USED IN THIS NURSERY: Eureka

COMMENTS: Very heavy rain before harvest, lodging and sprouting.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC
5		100	81.7			140					2				
74			32.3			141					3				
101			62.3			139					5				
58			40.7			141					5				
1			42.3			138					6				
67			45.7			142					3				
70			30.7			140					6				
68			41.0			141					6				
7			54.6			141					6				
4			37.3			132					7				
32			61.0			142					5				
33			41.0			140					7				
21			51.3			141					7				
16			41.0			141					7				
98			39.7			144					5				
2			36.3			142					7				
69			34.3			142					7				
97			36.3			144					6				
99			59.3			144					6				
31			57.0			143					7				
30			30.7			143					7				
92			40.3			143					7				
3			3.3			132					8				
43			38.0			146					2				
95			62.3			144					7				
18			22.0			144					7				

TABLE 3- 39. Entries Selected for Over All Agronomic Performance at Location 39 in Rainfall Zone 3

COUNTRY: Germany LATITUDE: 54°01'N LONGITUDE: 10°43'E ELEVATION: 22 M
 STATE: Schleswig-Auzstn DATE PLANTED: 10/1/92 DATE HARVESTED: 8/20/93
 STATION: Ekelsdorf MOISTURE: 942MMI TOTAL FERTILIZER: 200N
 COOPERATORS: Dr. J. Lange LOCAL CHECK VARIETY USED IN THIS NURSERY: Astron

COMMENTS: Normal at planting time, some days cold, without snow. Dry and warm in April-June. August was rainy.
 65 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

	*			*	*					*	*		*		
ENTRY	YIELD	% OF	TEST WT	PLANT	LOGGING	DAYS	PUC	PUC	PUC	SEPTORIA	MILDEW	STAND	WINTER	SEL	MISC
	(Kg/Ha)	CHECK	OR	HEIGHT	(%)	TO	S	R	G	(0-9)	(0-9)	EST	HDNS		
			1000 KW	(cm)		FLOWER						(%)	(%)		
5	2160.0	100	60.0	105	20	153		65S		2	2	98	100		
102	1920.0	88	62.0	105	30	148		40S		2	2	10	100	*	
45	1920.0	88	60.0	95	10	149		40S		1	1	10	100	*	
47	2120.0	98	60.0	100	10	149		40S		1	2	10	100	*	
46	2080.0	96	60.0	95	10	149		65S		2	3	10	100	*	
48	2040.0	94	62.0	100	10	150		65S		1	1	10	100	*	
44	1960.0	90	59.0	100	10	150		40S		1	2	95	100	*	
65	2120.0	98	59.0	95	10	150		40S		2	2	10	100	*	
50	1960.0	90	59.0	100	10	150		40S		2	2	95	100	*	
103	2120.0	98	61.0	105	30	150		65S		2	2	10	100	*	
33	1920.0	88	60.0	100	10	150		40S		2	2	10	100	*	
32	1880.0	87	60.0	100	10	150		25S		1	2	95	100	*	
1	1920.0	88	58.0	90	20	148		65S		3	4	95	95		
4	1680.0	77	59.0	70	20	144		99S		5	6	98	95		
2	1760.0	81	56.0	80	20	152		25S		2	2	98	100		
3	1720.0	79	56.0	70	20	150		99S		4	5	98	95		

TABLE 3- 55. Entries Selected for Over All Agronomic Performance at Location 55 in Rainfall Zone 3

COUNTRY: Mexico LATITUDE: 19°16'N LONGITUDE: 99°51'W ELEVATION: 2640M
 STATE: Edo. De Mex. DATE PLANTED: 11/6/92 DATE HARVESTED: 8/10/93
 STATION: Atizapan, Metepec, Edo. De Mex. MOISTURE: 447MMI TOTAL FERTILIZER: 150N 46P
 COOPERATORS: CIMMYT LOCAL CHECK VARIETY USED IN THIS NURSERY: Tam 200

COMMENTS: Dry conditions in beginning, humid through spike stage to maturity. 159 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

*

ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LOGGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC
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5		100		95		149									
3				55		161									

TABLE 3- 67. Entries Selected for Over All Agronomic Performance at Location 67 in Rainfall Zone 2

COUNTRY: Romania LATITUDE: 44°24'N LONGITUDE: 26°32'E ELEVATION: 67 M
 STATE: DATE PLANTED: 10/10/92 DATE HARVESTED: 7/15/93
 STATION: Res. Inst. for Cereals/Crops-Fundulea MOISTURE: 347MMI TOTAL FERTILIZER: 130N 80P
 COOPERATORS: Dr. N.N. Saulescu, Dr. GH Ittu LOCAL CHECK VARIETY USED IN THIS NURSERY: Flamura 85

COMMENTS: Very drought conditions in autumn, lower than normal rainfall in the winter and spring. High temperatures in May and June. 116 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC
5		100		86		142				4			100	*	
4	3055.2			65		140				4			100	*	
18				83		144				4			100		
50				95		146				4			100		
19	4721.7			88		147				4			100	*	
32				95		147				4			100		
33				96		147				4			100		
97				85		148				4			100		
65				72		148				4			100		
1	4943.9			116		142				6			100	*	
54				89		148				4			100		
63				74		148				4			100		
8				83		142				6			100		
93				86		146				5			100		
68				77		143				6			100		
2	4221.8			92		146				5			100	*	
70				76		144				6			100		
39				92		147				5			100		
69				83		144				6			100		
23				80		144				6			100		
71				78		147				5			100		
91				80		145				6			100		
67				73		145				6			100		
9				92		146				6			100		
62				71		149				4			100		
61	5943.8			76		149				4			100	*	

TABLE 3- 48. Entries Selected for Over All Agronomic Performance at Location 68 in Rainfall Zone 3

COUNTRY: South Africa LATITUDE: 28°10'S LONGITUDE: 28°18'E ELEVATION: 1631M
 STATE: DATE PLANTED: 6/9/92 DATE HARVESTED: 12/21/92
 STATION: Small Grain Cntr. - Bethlehem MOISTURE: 444MMI TOTAL FERTILIZER: 93N 42P 21K
 COOPERATORS: I.B.J. Smit, A. Otto, S. Smith, J. Smith LOCAL CHECK VARIETY USED IN THIS NURSERY: Tugela36, Betta3

COMMENTS: Wet spring & summer, dry & hot during ripening.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	* YIELD	% OF	TEST WT	PLANT	LOGGING	DAYS	PUC	PUC	PUC	SEPTORIA	MILDEW	STAND	WINTER	SEL	MISC
	(Kg/Ha)	CHECK	OR	HEIGHT	(%)	TO	S	R	G	(0-9)	(0-9)	EST	HDNS		
			1000 KW	(cm)		FLOWER						(%)	(%)		
5	3798.5	100	41.8	83		259				4					
74	4176.9	109	42.8	96		247				0					
92	4376.8	115	47.7	83		252				0					
13	3862.7	101	37.9	98		251				0					
16	3716.4	97	37.0	86		249				0					
33	4362.5	114	48.0	98		255				0					
50	3484.3	91	43.7	91		251				0					
39	3902.0	102	45.1	84		255				0					
58	3952.0	104	44.2	81		255				0					
51	3245.1	85	35.0	80		252				0					
101	3295.1	86	40.3	87		252				0					
7	3605.7	94	41.7	78		255				0					
102	3491.5	91	41.2	98		254				0					
59	3784.2	99	37.1	65		256				0					
99	4762.4	125	50.8	90		264				0					
72	4648.1	122	39.1	91		263				0					
56	3198.7	84	40.8	74		253				0					
97	4458.9	117	40.8	86		264				0					
54	3073.8	80	40.3	76		253				0					
8	2281.2	60	37.2	81		250				0					
32	3109.5	81	41.2	80		254				0					
6	3777.1	99	34.4	95		260				0					
11	4576.7	120	44.4	87		266				0					
94	4259.0	112	34.2	90		265				0					
71	4698.1	123	41.6	95		251				1					
19	3491.5	91	40.2	78		261				0					

TABLE 3- 71. Entries Selected for Over All Agronomic Performance at Location 71 in Rainfall Zone 3

COUNTRY: Switzerland LATITUDE: 47°29'N LONGITUDE: 8°32'E ELEVATION: 445 M
 STATE: Zurich DATE PLANTED: 10/1/92 DATE HARVESTED: 7/20/93
 STATION: Swiss Fed. Res. Station for Agronomy MOISTURE: 953MM TOTAL FERTILIZER: 108N
 COOPERATORS: Dr. H. Winzeler LOCAL CHECK VARIETY USED IN THIS NURSERY: Forno

COMMENTS: Normal weather except high rainfall during July.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC
5	100			100		146	10R	15S			2		100		
17				95		144		40MR			0		100		
67				95		140	30R	60MS			0		100		
74				95		141	5MS				0		100		
23				95		139		50MS			1		100		
68				95		141	15R	20MS			0		100		
7				95		143	5R	50S			0		100		
50				115		140	30MR	99S			0		100		
56				105		145		99S			0		100		
19				105		144	5MR	5R			0		100		*
54				100		145	1R	99S			0		100		
70				100		140	25R				1		100		
71				100		144	5R	90S			1		100		
30				105		142	40MR	80S			0		100		
69				95		142		70MS			2		100		
9				105		142	10MS	20S			1		100		
98				105		145	10R	20S			0		100		
24				95		140		30MR			3		100		
81				90		144	15R	99S			1		100		
1				130		138	99MS				2		100		
21				95		144	1R	99S			4		100		
16				95		139	20MS	99S			3		100		
33				115		146		50MS			0		100		
55				85		146	1R	30MR			0		100		
32				110		146					0		100		
13				120		141		30MS			3		100		

TABLE 3- 83. Entries Selected for Over All Agronomic Performance at Location 83 in Rainfall Zone 1

COUNTRY:	USA	LATITUDE:	40°35'N	LONGITUDE:	105°10'W	ELEVATION:	1475M
STATE:	Colorado	DATE PLANTED:	9/28/92	DATE HARVESTED:	8/2/93		
STATION:	Fort Collins	MOISTURE:	300MMI	TOTAL FERTILIZER:	60N 40P		
COOPERATORS:	J. Quick	LOCAL CHECK VARIETY USED IN THIS NURSERY:	Yuma				

COMMENTS: Excellent weather conditions, slight cooler and wetter than normal.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC
5	5668.3	100	247.0	95		154									
13	5064.6	89	236.0	110		160									

TABLE 3- 92. Entries Selected for Over All Agronomic Performance at Location 92 in Rainfall Zone 2

COUNTRY: USA LATITUDE: 40°47'N LONGITUDE: 81°56'W ELEVATION: 1035M
 STATE: Ohio DATE PLANTED: 10/2/92 DATE HARVESTED: 7/14/93
 STATION: Sunbeam Extract Co. MOISTURE: MM TOTAL FERTILIZER: 56N 90P 90K
 COOPERATORS: H.N. Lafever LOCAL CHECK VARIETY USED IN THIS NURSERY: GR 915

COMMENTS: Mild winter, severe spring heaving, average growing season, few diseases.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	* YIELD (Kg/Ha)	* % OF CHECK	TEST WT OR 1000 KW	* PLANT HEIGHT (cm)	LODGING (%)	* DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	* MILDEW (0-9)	STAND EST (%)	* WINTER HDNS (%)	SEL	MISC
5	100			86		148					0		93		
13				106		148					0		92		
68				85		147					0		90		
9				99		148					0		92		
7				89		148					0		90		
55				78		148					0		85		
67				85		148					0		85		
10				98		150					0		92	*	
30				84		148					0		70	*	
54				90		149					0		85	*	
74				90		148					0		60		
23				83		148					0		60		
59				84		151					0		90		
61				85		151					0		90	*	
51				89		148					0		60		
65				80		150					0		88	*	
53				85		149					0		75		
12				93		146					1		95	*	
1				100		145					0		40		
64				82		151					0		85		
102				90		149					0		70	*	
8				94		145					2		98	*	
72				84		151					0		80		
69				83		148					0		40		
101				85		147					0		30		
24				76		149					0		50		

TABLE 3-103. Entries Selected for Over All Agronomic Performance at Location 103 in Rainfall Zone 1

COUNTRY: Ukraine
 STATE: Odessa
 STATION: Inst. of Plant Breeding & Genetics
 COOPERATORS: Dir. V. Sokolov

LATITUDE: 46° 'E LONGITUDE: 31° 'N ELEVATION: 42 M
 DATE PLANTED: 10/2/92 DATE HARVESTED: 7/26/93
 MOISTURE: 365MM TOTAL FERTILIZER: 120N 60P 60K
 LOCAL CHECK VARIETY USED IN THIS NURSERY: Albatros Odessky

COMMENTS: Cold and relatively wet spring, heavy drought in summer. 87 days of below 0 C.

An Asterisk (*) Above Column Headings Indicates that Character Was Weighted:

	*			*		*					*		*			
ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC	
5	5720.0	100	39.1	86		143					3	73	100			
54	8122.4	142	38.8	97		144					0	58	100	*		
57	6864.0	119	34.0	77		144		1R			0	73	100	*		
58	6864.0	119	38.4	88		144					0	64	100	*		
67	6589.4	115	39.7	90		143		1R			1	80	100			
65	7436.0	129	36.8	90		145					0	61	100	*		
69	5834.4	102	34.3	93		143					1	63	100			
68	5148.0	89	31.4	87		143		1R			0	83	100			
61	8294.0	144	39.9	85		145					1	71	100	*		
70	5148.0	89	37.8	97		138		1R			1	72	100	*		
63	7150.0	125	37.6	88		145					1	65	100	*		
4	4290.0	75	42.3	70		134		80S			1	86	100			
30	6292.0	110	31.9	93		144					3	81	100			
9	4862.0	84	41.7	95		144					1	45	100	*		
41	5720.0	100	35.9	105		145					1	83	100			
50	6120.4	106	41.8	120		144					3	71	100	*		
33	5720.0	100	44.3	108		145		1R			1	51	100	*		
74	6006.0	104	39.6	107		144					3	70	100			
38	5376.8	94	42.2	83		145					1	81	100	*		
59	6921.2	121	33.4	80		147		1R			1	63	100			
23	5148.0	89	40.3	100		143		20S			3	54	100			
48	6063.2	106	38.7	107		147		10S			0	58	100	*		
31	6292.0	110	35.2	92		145		10S			3	80	100			
91	5090.8	88	36.0	92		143					3	76	100			
1	4862.0	84	45.9	130		142		99S			3	80	100			
71	6006.0	104	40.1	92		145					3	84	100	*		

TABLE 3-152. Entries Selected for Over All Agronomic Performance at Location 152 in Rainfall Zone 2

COUNTRY: France LATITUDE: 48° 4'N LONGITUDE: 1°44'W ELEVATION: 40 M
 STATE: DATE PLANTED: 11/5/92 DATE HARVESTED:
 STATION: INRA, Station Des Plantes MOISTURE: 496MM TOTAL FERTILIZER: 100P 100K
 COOPERATORS: Trottet LOCAL CHECK VARIETY USED IN THIS NURSERY: Thesee

COMMENTS: Fall was mild and rainy, winter was mild and dry. Spring was warm and dry, heavy rains in the beginning of June. 7 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LODGING (%)	DAYS TO FLOWER	* PUC			SEPTORIA (0-9)	* MILDEW		STAND EST (%)	WINTER HDNS (%)	SEL	MISC
							S	R	G		(0-9)	(0-9)				
5	100						1MS	4MS			4					
67							1MR	2MS			3					
45											3					
57							1MR				3				*	
48							1MR	1S			4					
37							1MR				4				*	
47							1MR	1MS			4					
46							1MR	1MS			4				*	
9							1MR				4				*	
69											4					
36											4				*	
44											4					
81								2S			4					
98								1MS			4					
91							1MS	1S			4					
88							1MR				5				*	
68							1MS	2MS			4					
10							1MR	1S			5				*	
38							1MR	5S			5					
76							1MR	1S			5					
58							1S	5S			4					
97							2MS	2S			4					
94							1MS				5				*	
71							1MS	1MS			5					
2							2MR	5MS			5					
95							1MS	1MS			5					

TABLE 3-155. Entries Selected for Over All Agronomic Performance at Location 155 in Rainfall Zone 3

COUNTRY: Switzerland
 STATE: Vaud
 STATION: Station Fed. - Changins
 COOPERATORS: Dario Fossati

LATITUDE: 46°24'N LONGITUDE: 6°14'E ELEVATION: 430M
 DATE PLANTED: 10/13/92 DATE HARVESTED: 7/22/93
 MOISTURE: 1195MM TOTAL FERTILIZER: 90N 52P 52K
 LOCAL CHECK VARIETY USED IN THIS NURSERY: Obelisk

COMMENTS: Relatively wet during the autumn and relatively dry in spring. 18 days of below 0 C.

An Asterisk (*) Above Column Headings Indicates that Character Was Weighted:

	*			*						*	*		*	
ENTRY	YIELD	% OF	TEST WT	PLANT	LODGING	DAYS	PUC	PUC	PUC	SEPTORIA	MILDEW	STAND	WINTER	SEL MISC
	(Kg/Ha)	CHECK	OR	HEIGHT	(%)	TO	S	R	G	(0-9)	(0-9)	EST	HDNS	
			1000 KW	(cm)		FLOWER						(%)	(%)	
5	3535.1	100	70.9	100		147				4	3	10	100	
47	5069.2	143	73.8	100						3	3	10	100	
58	5869.6	166	73.7	95		139				6	4	10	100	
74	4935.8	139	73.7	100		138				7	4	10	100	
32	6803.4	192	77.8	115		140				5	2	10	100	
54	7337.0	207	75.8	105		140				5	4	10	100	
24	5069.2	143	70.5	100		138				7	5	10	100	
38	10405.2	294	73.3	105		140				5	5	10	100	
57	3868.6	109	68.8	90						5	3	10	100	
71	5602.8	158	76.8	110		138				7	6	10	100	
9	4535.6	128	74.1	115		138				7	5	10	100	
59	5602.8	158	70.7	95		140				6	4	10	100	
55	4935.8	139	70.7	85		139				7	4	10	100	
7	4669.0	132	68.6	100		138				8	3	10	100	
91	3735.2	105	66.0	95		138				7	4	10	100	
98	4535.6	128	71.9	110		139				7	4	10	100	
50	5336.0	150	77.8	120		138				7	7	10	100	
33	5736.2	162	76.0	120		140				5	6	10	100	
16	5336.0	150	73.2	100		138				6	8	10	100	
67	4002.0	113	68.6	95		138				7	5	10	100	
62	6670.0	188	75.8	100		144				4	4	10	100	*
99	6403.2	181	76.7	105		142				4	5	10	100	
18	4802.4	135	72.7	100		138				7	7	10	100	
39	4669.0	132	75.3	105		139				6	6	10	100	
63	7470.4	211	76.1	100		144				5	4	10	100	*
37	5869.6	166		100		144				3	4	10	100	

TABLE 3-158. Entries Selected for Over All Agronomic Performance at Location 158 in Rainfall Zone 2

COUNTRY: France LATITUDE: 48° 5'N LONGITUDE: 1° 8'E ELEVATION: 130M
 STATE: DATE PLANTED: 10/12/92 DATE HARVESTED:
 STATION: W. Weibull MOISTURE: 480MM TOTAL FERTILIZER: 120N
 COOPERATORS: J.P. Josset, E. Menager LOCAL CHECK VARIETY USED IN THIS NURSERY: Soissons

COMMENTS: Good fall moisture, Feb. and March abnormally dry, normal rainfall from April onwards. Mild winter except a cold spell in early Jan. 66 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LOGGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC
5	100					136		60S		4	1	65			
69						136				4	1	60			
7						134				5	1	60			
68						134		30S		5	1	60			
88						140		20S		4	1	100		*	
30						135		40S		5	1	60			
31						136		40S		5	1	70			
64						141				3	1	100		*	
4						129		50S		4	3	60			
32					30	138		30S		4	1	60			
58						134		70S		6	1	70			
37						140				4	2	100		*	
65						141		30S		5	1	100			
18						135				4	3	60			
8						131				5	3	60			
12					30	133		40S		5	3	60			
2					30	136		50S		4	3	60			
57						143				4	1	100		*	
44						143		20S		4	1	100			
33					30	139		30S		5	1	60			
23						136		20S		6	2	100			
42						140		40S		5	2	100			
54						140		50S		5	1	60			
19						139				3	4	100			
91						136		30S		5	3	60			
89						134		40S		5	3	60			

TABLE 3-159. Entries Selected for Over All Agronomic Performance at Location 159 in Rainfall Zone 2

COUNTRY: France LATITUDE: * ° ' LONGITUDE: * ° ' ELEVATION: * M
 STATE: Eure-et-loir DATE PLANTED: 2/11/92 DATE HARVESTED:
 STATION: Nickerson S.A. MOISTURE: MM TOTAL FERTILIZER:
 COOPERATORS: Mme. Jayne T. Stragliati LOCAL CHECK VARIETY USED IN THIS NURSERY: Sideral

COMMENTS: Cold winter, mild spring. Summer temperatures lower than normal and cloudy. Heavy thunderstorms in April and May, caused severe lodging. Ample rain.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	YFLD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC
5	100					140		20S	25S	5					
74						137			15S	4					
70						137		5S	20S	3					
10						141			15S	4					
55						139			15S	5					
61						142			15S	3					
81						141		15S	5S	5					
49						142			5S	4					
32					95	142			5S	4					
36					100	141		20S	20S	4					
50						139		15S	25S	3					
53						141		15S	15S	5					
7						138			20S	5					
67						142		5S	20S	3					
68						142			20S	3					
62						142			20S	3					
71						141		15S	25S	3					
91						141		5S	25S	3					
98						142		5S	5S	5					
65						142		15S	20S	4					
79						142			20S	4					
76						142		5S	5S	5					
78						142			20S	4					
39					100	141		20S	20S	5					
92						141		5S	25S	4					
33					100	141		5S	20S	5					

TABLE 3-160. Entries Selected for Over All Agronomic Performance at Location 160 in Rainfall Zone 2

COUNTRY:	France	LATITUDE:	48° 'N	LONGITUDE:	4° 'E	ELEVATION:	50M
STATE:		DATE PLANTED:	10/25/92	DATE HARVESTED:			
STATION:	Verneuil Research	MOISTURE:	500MM	TOTAL FERTILIZER:	120N 40P 40K		
COOPERATORS:	Duperrier	LOCAL CHECK VARIETY USED IN THIS NURSERY:	Soissons				

COMMENTS: Dry winter and moist spring. 34 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

*

ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC
-------	------------------	---------------	--------------------------	-------------------------	----------------	----------------------	----------	----------	----------	-------------------	-----------------	---------------------	-----------------------	-----	------

5		100								4					
35										2					
62										2					
63										2					
34										2					
61										2					
91										2				*	
84										2					
32										2					
33										2					
55										3					
6										3					
13										3					
14										3					
87										3					
37										3					
76										3					
86										3					
53										3					
88										3					
97										3					
90										3					
41										3					
16										3					
93										3					
10										3					

TABLE 3-161. Entries Selected for Over All Agronomic Performance at Location 161 in Rainfall Zone 2

COUNTRY: USSR LATITUDE: 45° 1'E LONGITUDE: 38°57'N ELEVATION: 30M
 STATE: Krasnodar DATE PLANTED: 10/19/92 DATE HARVESTED: 7/14/93
 STATION: Wheat Breeding Dept. MOISTURE: 538MM TOTAL FERTILIZER: 60N 90P 60K
 COOPERATORS: Dr. Y. Puchov LOCAL CHECK VARIETY USED IN THIS NURSERY:

COMMENTS: Strong and freezing winter was observed, spring was cold and rainy. 106 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

	*						*									
ENTRY	YIELD (Kg/Ha)	% OF CHECK	TEST WT OR 1000 KW	PLANT HEIGHT (cm)	LODGING (%)	DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC	
5	855.0	100	47.2	65		139		60S				50	100			
10	4275.0	500	48.2	80		148		20MS				90	100			

TABLE 3-162. Entries Selected for Over All Agronomic Performance at Location 162 in Rainfall Zone 1

COUNTRY: Slovakia

STATE:

STATION: Piestany

COOPERATORS: Dr. Zofajova Alzbeta

LATITUDE: 48°34'N LONGITUDE: 17°45'E ELEVATION: 157M

DATE PLANTED: 10/12/92

DATE HARVESTED: 7/27/93

MOISTURE: 359MMI

TOTAL FERTILIZER: 30N

LOCAL CHECK VARIETY USED IN THIS NURSERY: Kosutka

COMMENTS: Drought conditions. 52 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	*				*						*		*		
	YIELD	% OF	TEST WT	PLANT	LODGING	DAYS	PUC	PUC	PUC	SEPTORIA	MILDEW	STAND	WINTER	SEL	MISC
	(Kg/Ha)	CHECK	OR	HEIGHT	(%)	TO	S	R	G	(0-9)	(0-9)	EST	HDNS		
			1000 KW	(cm)		FLOWER						(%)	(%)		
5	1640.0	100	39.4	63		129					5	10	100		
31	1672.0	101	42.8	76		131					5	10	100		
14	1824.0	111	48.3	76		135					5	10	80		
12	1336.0	81	44.6	71		136					4	10	100	*	
30	1492.0	90	40.0	65		136					4	10	80		
38	1672.0	101	44.3	81		137					5	10	100	*	
33	1360.0	82	49.2	80		137					3	10	80	*	
1	1244.0	75	44.3	87		134					5	80	80	*	
37	1764.0	107	44.8	75		137					4	80	70	*	
32	1332.0	81	46.6	73		136					5	10	80	*	
69	1316.0	80	42.7	76		135					4	80	70		
61	1492.0	90	45.1	76		137					5	80	80		
2	1464.0	89	43.7	84		127					6	10	80		
68	920.0	56	45.9	60		136					2	10	70		
21	1040.0	63	42.6	67		137					5	10	100	*	
96	1800.0	109	54.2	68		137					5	80	70		
9	1428.0	87	44.4	71		136					5	80	70	*	
28	1232.0	75	46.5	69		137					5	10	80		
18	1560.0	95	45.1	67		136					6	80	80	*	
67	1032.0	62	51.4	71		137					3	80	70		
57	2196.0	133	41.6	68		141					2	80	80		
70	1016.0	61	51.7	70		135					5	80	70	*	
27	1720.0	104	48.4	76		137					6	80	80		
50	1340.0	81	48.0	81		135					6	80	80		
13	1372.0	83	41.0	85		136					6	10	80	*	
66	1436.0	87	45.9	76		137					5	70	70		

TABLE 3-164. Entries Selected for Over All Agronomic Performance at Location 164 in Rainfall Zone 1

COUNTRY: Germany LATITUDE: * ° ' LONGITUDE: * ° ' ELEVATION: * M
 STATE: Deutschland DATE PLANTED: 10/1/92 DATE HARVESTED: 8/9/93
 STATION: Semundo Saatzucht GmbH - Teendorf MOISTURE: 393MM TOTAL FERTILIZER: 200N
 COOPERATORS: S. Weibull AB, Sweden LOCAL CHECK VARIETY USED IN THIS NURSERY: Orestis

COMMENTS: Winter had a little bit of frost damage. April was dry and lots of rain the rest of the year. 63 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

	*			*						*	*		*		
ENTRY	YIELD	% OF	TEST WT	PLANT	LOGGING	DAYS	PUC	PUC	PUC	SEPTORIA	MILDEW	STAND	WINTER	SEL	MISC
	(Kg/Ha)	CHECK	OR	HEIGHT	(%)	TO	S	R	G	(0-9)	(0-9)	EST	HDNS		
			1000 KW	(cm)		FLOWER						(%)	(%)		
5	8504.3	100	47.6	100	70					6	7		40		
47	9137.9	107	39.1	100	10					2	3		70		
45	7937.3	93	85.7	90	10					3	2		70		
64	8137.4	95	76.9	80	10					3	4		70		
29	7870.6	92	64.5	100	20					3	4		70		
48	7803.9	91	68.3	85	20					3	4		70		
58	8070.7	94	72.4	75	10					3	5		70		
74	7670.5	90	84.2	90	20					3	6		70		
102	8537.6	100	44.1	100	20					4	4		70		
61	7937.3	93	41.7	80	10					2	8		70		
62	7937.3	93	41.5	80	10					2	8		70		
59	8404.2	98	36.6	75	10					4	5		70		
72	7403.8	89	41.0	90	20					3	7		70		
32	6403.2	75	95.2	95	20					3	3		70		
63	7537.1	88	39.1	75	10					2	8		70		
49	6870.1	80	54.9	90	20					3	5		70		
91	7203.6	84	74.3	95	20					3	7		70		
101	9404.7	110	41.8	90	60					5	4		70		
76	6870.1	80	44.1	95	20					3	7		70		
6	7403.7	87	71.2	115	80					3	8		70		
77	6269.8	73	71.2	85	10					3	6		70		
88	5869.6	69	44.4	80	20					3	4		70		
46	7270.3	85	63.5	85	10					4	5		70		
87	5869.6	69	64.0	100	30					3	4		70		
98	6269.8	73	36.6	105	40					3	5		70		
86	6536.6	76	51.8	85	10					3	8		70		

TABLE 3-165. Entries Selected for Over All Agronomic Performance at Location 165 in Rainfall Zone 2

COUNTRY: Sweden LATITUDE: * ° ' LONGITUDE: * ° ' ELEVATION: * M
 STATE: DATE PLANTED: 9/22/92 DATE HARVESTED: 8/23/93
 STATION: Weibullsholm MOISTURE: 560MM TOTAL FERTILIZER: 110N 30P 30K
 COOPERATORS: G. Svensson, Nils Johansson LOCAL CHECK VARIETY USED IN THIS NURSERY: Kosack

COMMENTS: Mild winter, very dry April thru June, wet July and August. 10 days of below 0 C.

An Asterix (*) Above Column Headings Indicates that Character Was Weighted:

ENTRY	* YIELD (Kg/Ha)	* % OF CHECK	* TEST WT OR 1000 KW	* PLANT HEIGHT (cm)	* LODGING (%)	* DAYS TO FLOWER	PUC S	PUC R	PUC G	SEPTORIA (0-9)	MILDEW (0-9)	STAND EST (%)	WINTER HDNS (%)	SEL	MISC
5	7220.0	100	48.0			141					0				
47	6530.0	90	51.0			140					0				
68	5630.0	77	47.0			143					0				
67	5340.0	73	57.0			143					0				
88	5370.0	74	49.0			144					0				
58	5320.0	73	53.0			144					0				
70	5030.0	69	53.0			144					0				
30	7240.0	100	43.0			145					0				
98	6930.0	95	46.0			145					0				
69	3750.0	51	46.0			143					0				
74	4610.0	63	50.0			144					0				
1	3380.0	46	46.0			142					0				
8	2390.0	33	48.0			143					0				
91	5850.0	81	54.0			145					0				
7	3760.0	52	51.0			144					0				
94	4740.0	65	48.0			145					0				
50	7640.0	105	51.0			144					3				
65	7930.0	109	57.0			145					2				
77	4540.0	62	58.0			145					0				
55	5520.0	76	43.0			144					2				
62	7540.0	104	49.0			145					2				
59	8750.0	121	47.0			146					0				
31	7730.0	107	48.0			146					0				
75	5070.0	70	51.0			144					2				
46	6830.0	94	50.0			146					0				
63	6420.0	88	49.0			145					2				

TABLE 4. Entries Selected for their Yield Response Over All Locations Reporting

Minimum-Maximum/Number of Locations Reporting for the Following Trait:

Entry Number	Yield (Kg/Ha)	Days to Flower From Jan 1	Winter Hardiness (%)	Puccinia Striiformis	Puccinia Recondita	Puccinia Graminis	Septoria (0-9)	Mildew (0-9)
99	1604-12619/12	137-264/20	40-100/11	1R -10MR/ 6	1S -80S / 8	15S -15S / 1	0-6/ 9	0-8/15
95	1904-13536/11	140-267/21	25-100/11	1MS-20MS/ 3	1R -90MS/ 9	25S -25S / 1	2-7/ 9	0-9/15
85	2032-13327/12	140-265/20	50-100/11	1S -20MR/ 6	10MR-30MS/ 2	15S -15S / 1	0-7/ 9	0-9/15
73	1892-12453/11	140-269/20	60-100/11	60MS-60MS/ 1	1MS-99MS/ 8	20S -20S / 1	0-7/ 9	0-9/14
63	1524-10579/11	138-270/21	60-100/11	10MR-10MR/ 1	1MS-40MS/ 7	20S -20S / 1	0-5/ 9	0-8/15
31	1672-14119/12	131-255/21	30-100/11	1MR-40MS/ 4	5R -99S / 9	10S -10S / 1	1-7/ 9	0-8/15
54	967-12036/12	138-253/20	60-100/11	1R - 2MS/ 2	5R -99S / 8	15S -15S / 1	0-5/ 7	0-8/14
66	1436-14160/12	137-266/21	50-100/11	20R -10MS/ 3	5MR-40MR/ 3	20S -20S / 1	0-6/ 9	0-9/15
59	1252-10495/12	139-256/21	35-100/11	1R -40MS/ 5	1R -99S / 9	15S -15S / 1	0-6/ 9	0-7/15
61	1492-12203/11	137-273/21	50-100/11	20MR-20MR/ 1	10MS-40S / 6	15S -15S / 1	0-5/ 9	0-8/15
79	2176-12328/11	141-269/21	50-100/11	10MR-40MS/ 6	1S -60MS/ 4	20S -20S / 1	0-7/ 9	0-9/15
75	1764-12661/11	139-268/21	30-100/11	1R -99S / 2	5S -99S / 8	20S -20S / 1	0-8/ 9	0-8/15
58	1072-11203/12	134-255/21	55-100/11	5R -30MS/ 4	5S -99S / 9	25S -25S / 1	0-6/ 9	0-6/15
90	2104-11828/12	139-266/20	20-100/11	25R -40MS/ 4	1R -30S / 6	25S -25S / 1	1-7/ 9	0-8/15
57	1960-11370/12	141-272/20	50-100/11	1R -10MR/ 5	1R -60S / 6	15S -15S / 1	1-6/ 9	0-7/15
76	1844-12786/12	141-275/21	40-100/11	1R -20MR/ 4	5R -60S / 7	5S - 5S / 1	0-7/ 9	0-7/15
45	1320-11578/13	140-275/21	40-100/11	1R -30MS/ 4	1R -40S / 6	5S - 5S / 1	1-6/10	0-4/16
10	1592-11745/12	139-268/21	30-100/11	1MR-40MR/ 6	1S -60S / 6	15S -15S / 1	0-6/ 9	0-7/15
82	1840-12578/12	140-272/21	40-100/11	1MR-40S / 5	1S -50S / 6	5S - 5S / 1	0-8/ 9	3-8/15
50	1340-11412/13	135-251/21	50-100/11	5MS-50S / 5	1S -99S / 8	25S -25S / 1	0-7/10	0-8/16
46	1736-10912/13	142-273/21	40-100/11	1MR-30MS/ 4	1R -65S /10	20S -20S / 1	0-7/10	0-6/16
65	1532- 9246/12	139-265/21	55-100/11	1R -40MS/ 3	5R -60MS/ 9	20S -20S / 1	1-6/10	0-8/16
30	1492-13702/12	135-255/21	30-100/11	2MS-30MS/ 5	1MS-80S / 8	10S -10S / 1	2-7/ 9	0-7/15
62	1504-11078/12	138-272/21	50-100/11	10MR-10MR/ 1	10MR-50S / 6	20S -20S / 1	0-5/ 9	1-8/15
91	1284-11245/12	136-267/21	30-100/11	1MS-10MR/ 5	1S -40MS/ 7	25S -25S / 1	1-7/ 9	0-7/15
24	544-12869/12	136-257/21	25-100/11	2MS-40S / 5	5R -30MS/ 7	20S -20S / 1	1-7/ 9	0-8/15
47	1604-11037/13	140-276/19	5-100/11	1MR-20MS/ 5	1R -40S / 7	1S - 1S / 1	0-4/10	0-4/16

TABLE 5. Entries Selected for Earliness Over All Locations Reporting

Minimum-Maximum/Number of Locations Reporting for the Following Traits:

Entry Number	Yield (Kg/Ha)	Days to Flower From Jan 1	Winter Hardiness (%)	Puccinia Striiformis	Puccinia Recondita	Puccinia Graminis	Septoria (0-9)	Mildew (0-9)
4	1334- 8121/13	128-245/21	40-100/11	2MS-60S / 6	10MR-99S / 9	65S -65S / 1	1-9/10	1-9/16
3	904- 7455/ 8	126-236/12	0-100/ 7	2MR-70MS/ 5	5R -99S / 3	40S -40S / 1	4-9/ 5	2-9/ 8
8	1040-12203/10	131-250/20	40-100/10	1R -40MS/ 4	5R -50S / 4	25S -25S / 1	0-8/ 9	0-8/14
89	1604-12078/11	134-253/21	10-100/11	1MR-40MR/ 4	10MS-99S / 9	25S -25S / 1	1-9/ 9	0-9/14
1	1244- 9912/13	134-284/21	40-100/11	10MS-99MS/ 6	5S -99S / 9	15S -15S / 1	0-7/10	0-8/16
70	1016-10828/12	133-261/21	50-100/11	25R -30MS/ 5	1R -60MS/ 8	20S -20S / 1	2-8/ 9	0-8/15
68	920- 9329/12	134-262/21	60-100/11	1MS-60MS/ 6	1R -30S / 8	20S -20S / 1	0-8/ 9	0-9/15
16	452-11786/12	133-249/21	5-100/11	1MR-30MS/ 6	1R -99S / 7	65S -65S / 1	0-7/ 9	0-8/15
50	1340-11412/13	135-251/21	50-100/11	5MS-50S / 5	1S -99S / 8	25S -25S / 1	0-7/10	0-8/16
74	1168-10870/11	136-247/21	30-100/11	5R -80S / 6	10MR-20MR/ 2	15S -15S / 1	0-7/ 9	0-8/15
24	544-12869/12	136-257/21	25-100/11	2MS-40S / 5	5R -30MS/ 7	20S -20S / 1	1-7/ 9	0-8/15
13	1372-11703/12	134-251/21	50-100/11	60MS-90S / 3	5MR-30MS/ 3	40S -40S / 1	0-7/ 9	0-8/15
12	1336- 7746/11	133-258/21	40-100/11	5R -90S / 6	1S -40S / 5	40S -40S / 1	0-8/ 9	0-8/15
101	1064-11578/11	134-252/20	30-100/10	10MR-60S / 6	1MS-10MS/ 2	15S -15S / 1	0-8/ 8	0-7/15
69	1316- 9454/12	135-261/21	40-100/11	60MS-60S / 2	5R -70MS/ 3	15S -15S / 1	1-8/ 9	0-7/15
67	1032-10537/11	137-264/21	60-100/11	1MR-20MR/ 5	1R -70S / 9	20S -20S / 1	1-7/ 9	0-8/15
9	1428- 9829/12	133-262/21	30-100/11	1MR-60MS/ 5	10MR-20S / 4	65S -65S / 1	1-7/ 9	0-8/15
23	704-12453/11	136-262/21	40-100/11	1R -10MR/ 2	1S -60MS/ 7	25S -25S / 1	1-7/ 9	0-8/15
7	457-11870/11	134-255/21	40-100/11	5R -20MS/ 6	5R -50S / 6	20S -20S / 1	0-8/ 9	0-8/15
51	1140- 8829/11	136-252/21	50-100/11	5MS-80S / 5	5R -99S / 8	25S -25S / 1	0-9/ 9	0-8/15
71	580- 6700/10	136-251/20	10-100/11	1MS-70S / 5	5R -90S / 7	25S -25S / 1	1-7/ 8	0-8/15
18	1560-10537/12	127-257/21	40-100/11	20MR-40MS/ 3	1R -20S / 6	40S -40S / 1	0-7/ 9	0-8/15
30	1492-13702/12	135-255/21	30-100/11	2MS-30MS/ 5	1MS-80S / 8	10S -10S / 1	2-7/ 9	0-7/15
58	1072-11203/12	134-255/21	55-100/11	5R -30MS/ 4	5S -99S / 9	25S -25S / 1	0-6/ 9	0-6/15
91	1284-11245/12	136-267/21	30-100/11	1MS-10MR/ 5	1S -40MS/ 7	25S -25S / 1	1-7/ 9	0-7/15

TABLE 6. Entries Selected for Winter Hardiness Over All Locations Reporting

Minimum-Maximum/Number of Locations Reporting for the Following Trait:

Entry Number	Yield (Kg/Ha)	Days to Flower From Jan 1	Winter Hardiness (%)	Puccinia Striiformis	Puccinia Recondita	Puccinia Graminis	Septoria (0-9)	Mildew (0-9)
63	1524-10579/11	138-270/21	60-100/11	10MR-10MR/ 1	1MS-40MS/ 7	20S -20S / 1	0-5/ 9	0-8/15
62	1504-11078/12	138-272/21	50-100/11	10MR-10MR/ 1	10MR-50S / 6	20S -20S / 1	0-5/ 9	1-8/15
61	1492-12203/11	137-273/21	50-100/11	20MR-20MR/ 1	10MS-40S / 6	15S -15S / 1	0-5/ 9	0-8/15
60	920- 9329/12	134-262/21	60-100/11	1MS-60MS/ 6	1R -30S / 8	20S -20S / 1	0-8/ 9	0-9/15
65	1532- 9246/12	139-265/21	55-100/11	1R -40MS/ 3	5R -60MS/ 9	20S -20S / 1	1-6/10	0-8/16
54	967-12036/12	138-253/20	60-100/11	1R - 2MS/ 2	5R -99S / 8	15S -15S / 1	0-5/ 7	0-8/14
67	1032-10537/11	137-264/21	60-100/11	1MR-20MR/ 5	1R -70S / 9	20S -20S / 1	1-7/ 9	0-8/15
73	1892-12453/11	140-269/20	60-100/11	60MS-60MS/ 1	1MS-99MS/ 8	20S -20S / 1	0-7/ 9	0-9/14
50	1340-11412/13	135-251/21	50-100/11	5MS-50S / 5	1S -99S / 8	25S -25S / 1	0-7/10	0-8/16
57	1960-11370/12	141-272/20	50-100/11	1R -10MR/ 5	1R -60S / 6	15S -15S / 1	1-6/ 9	0-7/15
72	1536-11703/12	141-263/21	55-100/11	70R -50S / 5	5MR-50S / 5	20S -20S / 1	0-8/ 9	0-8/15
19	1600-11037/12	135-261/21	50-100/11	5R -90S / 6	1R -20MR/ 6	25S -25S / 1	0-6/ 9	0-9/15
35	1600-12703/12	141-267/21	40-100/11	5MR-50S / 5	1R -60S / 9	20S -20S / 1	0-8/ 9	0-9/15
21	1040-10329/12	136-254/21	50-100/11	1R -60S / 5	10MR-99S / 4	25S -25S / 1	1-7/ 9	0-9/15
66	1436-14160/12	137-266/21	50-100/11	20R -10MS/ 3	5MR-40MR/ 3	20S -20S / 1	0-6/ 9	0-9/15
14	1824-11245/12	135-266/21	40-100/11	1R -50S / 5	5MR-60S / 5	25S -25S / 1	3-8/ 9	0-8/15
76	1844-12786/12	141-275/21	40-100/11	1R -20MR/ 4	5R -60S / 7	5S - 5S / 1	0-7/ 9	0-7/15
26	1408-13327/11	138-266/21	40-100/11	1R -60MS/ 5	2S -99S / 9	25S -25S / 1	0-6/ 9	0-9/15
2	1464- 9137/13	127-255/21	50-100/11	2MR-40MS/ 6	5MS-80S /10	20S -20S / 1	1-6/10	0-8/16
52	1528- 7200/11	137-268/21	50-100/11	5R -90S / 6	5R -99S / 7	25S -25S / 1	0-8/ 9	0-9/15
69	1316- 9454/12	135-261/21	40-100/11	60MS-60S / 2	5R -70MS/ 3	15S -15S / 1	1-8/ 9	0-7/15
12	1336- 7746/11	133-258/21	40-100/11	5R -90S / 6	1S -40S / 5	40S -40S / 1	0-8/ 9	0-8/15
22	996-11037/12	137-261/21	40-100/11	2MS-80S / 5	1R -20MS/ 6	25S -25S / 1	1-6/ 9	0-9/15
70	1016-10828/12	133-261/21	50-100/11	25R -30MS/ 5	1R -60MS/ 8	20S -20S / 1	2-8/ 9	0-8/15
30	1492-13702/12	135-255/21	30-100/11	2MS-30MS/ 5	1MS-80S / 8	10S -10S / 1	2-7/ 9	0-7/15
11	452-15285/11	141-266/21	10-100/11	5MR-40MR/ 6	50MR-60S / 5	20S -20S / 1	0-7/ 9	2-8/15
45	1320-11578/13	140-275/21	40-100/11	1R -30MS/ 4	1R -40S / 6	5S - 5S / 1	1-6/10	0-4/16
86	1612-11453/12	141-268/21	20-100/11	1MS-20MR/ 4	1R -30S / 7	5S - 5S / 1	0-7/ 9	0-8/15
88	1200- 9496/12	137-265/21	35-100/11	1MR-60S / 5	10MR-20S / 4	20S -20S / 1	0-8/ 9	0-7/15

TABLE 7. Entries Selected for their Response to Puccinia Striiformis (Stripe Rust) Over All Locations Reporting

Minimum-Maximum/Number of Locations Reporting for the Following Trait:

Entry Number	Yield (Kg/Ha)	Days to Flower From Jan 1	Winter Hardiness (%)	Puccinia Striiformis	Puccinia Recondita	Puccinia Graminis	Septoria (0-9)	Mildew (0-9)
29	1140-13078/12	130-269/21	25-100/11	5R - 5R / 2	1R - 1R / 1	20S -20S / 1	1-6/ 9	0-7/15
36	928-11661/12	141-267/21	40-100/11	5R - 5R / 1	5R -20S / 3	20S -20S / 1	0-6/ 9	0-8/15
96	1800-12661/11	137-266/21	20-100/11	5R - 5R / 1	5S -99S / 8	20S -20S / 1	2-7/ 9	0-8/15
17	648-10953/11	137-258/21	5-100/11	5R -10MR/ 3	5R -40S / 6	25S -25S / 1	1-8/ 9	0-8/14
23	704-12453/11	136-262/21	40-100/11	1R -10MR/ 2	1S -60MS/ 7	25S -25S / 1	1-7/ 9	0-8/15
15	720-12411/12	136-262/21	10-100/11	1R -20MR/ 5	1S -40S / 6	40S -40S / 1	2-7/ 9	0-9/15
47	1604-11037/13	140-276/19	5-100/11	1MR-20MS/ 5	1R -40S / 7	1S - 1S / 1	0-4/10	0-4/16
76	1844-12786/12	141-275/21	40-100/11	1R -20MR/ 4	5R -60S / 7	5S - 5S / 1	0-7/ 9	0-7/15
77	960-12953/12	142-270/21	10-100/11	1R -20MR/ 3	1R -60S / 8	15S -15S / 1	0-8/ 9	0-6/14
63	1524-10579/11	138-270/21	60-100/11	10MR-10MR/ 1	1MS-40MS/ 7	20S -20S / 1	0-5/ 9	0-8/15
45	1320-11578/13	140-275/21	40-100/11	1R -30MS/ 4	1R -40S / 6	5S - 5S / 1	1-6/10	0-4/16
57	1960-11370/12	141-272/20	50-100/11	1R -10MR/ 5	1R -60S / 6	15S -15S / 1	1-6/ 9	0-7/15
64	1304-10704/12	139-268/21	45-100/11	10MR-10MR/ 1	5R -20MR/ 5	20S -20S / 1	2-4/ 9	0-8/15
62	1504-11078/12	138-272/21	50-100/11	10MR-10MR/ 1	10MR-50S / 6	20S -20S / 1	0-5/ 9	1-8/15
32	1332-11911/13	136-254/21	30-100/11	10MR-10MR/ 1	25S -30S / 2	5S - 5S / 1	0-5/10	0-5/16
31	1672-14119/12	131-255/21	30-100/11	1MR-40MS/ 4	5R -99S / 9	10S -10S / 1	1-7/ 9	0-8/15
43	784-10787/12	140-262/21	20-100/11	1R -20MS/ 5	1R -10S / 4	25S -25S / 1	1-8/ 9	0-6/15
86	1612-11453/12	141-268/21	20-100/11	1MS-20MR/ 4	1R -30S / 7	5S - 5S / 1	0-7/ 9	0-8/15
44	1784-11037/13	140-262/20	40-100/11	10MR-10MS/ 2	5R -40S / 6	25S -25S / 1	1-6/10	0-8/16
99	1604-12619/12	137-264/20	40-100/11	1R -10MR/ 6	1S -80S / 8	15S -15S / 1	0-6/ 9	0-8/15
8	1040-12203/10	131-250/20	40-100/10	1R -40MS/ 4	5R -50S / 4	25S -25S / 1	0-8/ 9	0-8/14
46	1736-10912/13	142-273/21	40-100/11	1MR-30MS/ 4	1R -65S /10	20S -20S / 1	0-7/10	0-6/16
91	1284-11245/12	136-267/21	30-100/11	1MS-10MR/ 5	1S -40MS/ 7	25S -25S / 1	1-7/ 9	0-7/15
95	1904-13536/11	140-267/21	25-100/11	1MS-20MS/ 3	1R -90MS/ 9	25S -25S / 1	2-7/ 9	0-9/15
27	1720-13494/11	137-266/21	30-100/11	1MR-40MR/ 5	5R -60MS/ 6	20S -20S / 1	1-7/ 9	1-8/15
37	1710-11870/12	137-266/21	30-100/11	1R -30MS/ 6	- / 0	25S -25S / 1	0-6/ 9	0-8/15

TABLE 8. Entries Selected for their Response to Puccinia Recondita (Leaf Rust) Over All Locations Reporting

Minimum-Maximum/Number of Locations Reporting for the Following Traits:

Entry Number	Yield (Kg/Ha)	Days to Flower From Jan 1	Winter Hardiness (%)	Puccinia Striiformis	Puccinia Recondita	Puccinia Graminis	Septoria (0-9)	Mildew (0-9)
94	692-11661/12	141-265/21	10-100/11	1MS-50S / 3	40MR-40MR/ 1	20S -20S / 1	0-7/ 9	0-8/15
36	928-11661/12	141-267/21	40-100/11	5R - 5R / 1	5R -20S / 3	20S -20S / 1	0-6/ 9	0-8/15
37	1710-11870/12	137-266/21	30-100/11	1R -30MS/ 6	- / 0	25S -25S / 1	0-6/ 9	0-8/15
38	1672-11786/12	137-265/21	30-100/11	1MR-60MS/ 6	5MR-60MS/ 5	25S -25S / 1	0-6/ 9	0-7/15
42	704- 6863/11	140-266/21	25-100/11	10S -90S / 6	10S -99S / 4	25S -25S / 1	1-7/ 9	2-9/15
74	1168-10870/11	136-247/21	30-100/11	5R -80S / 6	10MR-20MR/ 2	15S -15S / 1	0-7/ 9	0-8/15
29	1140-13078/12	130-269/21	25-100/11	5R - 5R / 2	1R - 1R / 1	20S -20S / 1	1-6/ 9	0-7/15
102	1710-11537/13	130-254/20	50-100/10	10MR-40MR/ 3	1S -70MS/ 6	25S -25S / 1	0-6/ 8	0-7/16
101	1064-11578/11	134-252/20	30-100/10	10MR-60S / 6	1MS-10MS/ 2	15S -15S / 1	0-8/ 8	0-7/15
28	1232- 7490/11	137-274/21	30-100/11	20MR-90S / 5	1R -60MS/ 6	15S -15S / 1	0-6/ 9	1-8/15
13	1372-11703/12	134-251/21	50-100/11	60MS-90S / 3	5MR-30MS/ 3	40S -40S / 1	0-7/ 9	0-8/15
49	1160- 9954/11	139-267/20	50-100/11	10MR-10MR/ 2	1R -10S / 2	5S - 5S / 1	2-6/ 7	0-5/14
87	572-10953/12	143-257/21	2-100/11	5MR-50S / 3	- / 0	20S -20S / 1	2-7/ 9	0-7/14
32	1332-11911/13	136-254/21	30-100/11	10MR-10MR/ 1	25S -30S / 2	5S - 5S / 1	0-5/10	0-5/16
103	1664-11078/13	137-267/20	40-100/10	5R -60S / 5	1S -70S / 7	20S -20S / 1	0-6/ 9	0-8/16
10	1592-11745/12	139-268/21	30-100/11	1MR-40MR/ 6	1S -60S / 6	15S -15S / 1	0-6/ 9	0-7/15
54	967-12036/12	138-253/20	60-100/11	1R - 2MS/ 2	5R -99S / 8	15S -15S / 1	0-5/ 7	0-8/14
8	1040-12203/10	131-250/20	40-100/10	1R -40MS/ 4	5R -50S / 4	25S -25S / 1	0-8/ 9	0-8/14
3	904- 7455/ 8	126-236/12	0-100/ 7	2MR-70MS/ 5	5R -99S / 3	40S -40S / 1	4-9/ 5	2-9/ 8
97	1244-10995/12	137-264/21	30-100/11	5R -60S / 6	5R -40S / 5	25S -25S / 1	0-8/ 9	0-8/15
71	580- 6700/10	136-251/20	10-100/11	1MS-70S / 5	5R -90S / 7	25S -25S / 1	1-7/ 8	0-8/15
45	1320-11578/13	140-275/21	40-100/11	1R -30MS/ 4	1R -40S / 6	5S - 5S / 1	1-6/10	0-4/16
83	1576- 8329/12	142-275/20	40-100/11	5S -60S / 6	5R -40MS/ 3	20S -20S / 1	1-8/ 9	0-8/15
64	1304-10704/12	139-268/21	45-100/11	10MR-10MR/ 1	5R -20MR/ 5	20S -20S / 1	2-4/ 9	0-8/15
34	1304- 9871/12	140-275/21	30-100/11	5R -30MS/ 6	1R -60S / 9	20S -20S / 1	0-6/ 9	0-8/15

TABLE 9. Entries Selected for their Response to Puccinia Graminis Tritici (Stem Rust) Over All Locations Reporting

Minimum-Maximum/Number of Locations Reporting for the Following Trait:

Entry Number	Yield (Kg/Ha)	Days to Flower From Jan 1	Winter Hardiness (%)	Puccinia Striiformis	Puccinia Recondita	Puccinia Graminis	Septoria (0-9)	Mildew (0-9)
47	1604-11037/13	140-276/19	5-100/11	1MR-20MS/ 5	1R -40S / 7	1S - 1S / 1	0-4/10	0-4/16
86	1612-11453/12	141-268/21	20-100/11	1MS-20MR/ 4	1R -30S / 7	5S - 5S / 1	0-7/ 9	0-8/15
82	1840-12578/12	140-272/21	40-100/11	1MR-40S / 5	1S -50S / 6	5S - 5S / 1	0-8/ 9	3-8/15
45	1320-11578/13	140-275/21	40-100/11	1R -30MS/ 4	1R -40S / 6	5S - 5S / 1	1-6/10	0-4/16
98	980-10620/12	137-269/21	40-100/11	10R -40MS/ 4	1R -40S / 7	5S - 5S / 1	2-7/ 9	0-8/15
49	1160- 9954/11	139-267/20	50-100/11	10MR-10MR/ 2	1R -10S / 2	5S - 5S / 1	2-6/ 7	0-5/14
76	1844-12786/12	141-275/21	40-100/11	1R -20MR/ 4	5R -60S / 7	5S - 5S / 1	0-7/ 9	0-7/15
32	1332-11911/13	136-254/21	30-100/11	10MR-10MR/ 1	25S -30S / 2	5S - 5S / 1	0-5/10	0-5/16
81	1442-11537/11	137-266/21	50-100/11	15R -40S / 3	1R -99S / 9	5S - 5S / 1	1-7/ 9	1-7/15
31	1672-14119/12	131-255/21	30-100/11	1MR-40MS/ 4	5R -99S / 9	10S -10S / 1	1-7/ 9	0-8/15
30	1492-13702/12	135-255/21	30-100/11	2MS-30MS/ 5	1MS-80S / 8	10S -10S / 1	2-7/ 9	0-7/15
54	967-12036/12	138-253/20	60-100/11	1R - 2MS/ 2	5R -99S / 8	15S -15S / 1	0-5/ 7	0-8/14
1	1244- 9912/13	134-284/21	40-100/11	10MS-99MS/ 6	5S -99S / 9	15S -15S / 1	0-7/10	0-8/16
10	1592-11745/12	139-268/21	30-100/11	1MR-40MR/ 6	1S -60S / 6	15S -15S / 1	0-6/ 9	0-7/15
59	1252-10495/12	139-256/21	35-100/11	1R -40MS/ 5	1R -99S / 9	15S -15S / 1	0-6/ 9	0-7/15
61	1492-12203/11	137-273/21	50-100/11	20MR-20MR/ 1	10MS-40S / 6	15S -15S / 1	0-5/ 9	0-8/15
69	1316- 9454/12	135-261/21	40-100/11	60MS-60S / 2	5R -70MS/ 3	15S -15S / 1	1-8/ 9	0-7/15
74	1168-10870/11	136-247/21	30-100/11	5R -80S / 6	10MR-20MR/ 2	15S -15S / 1	0-7/ 9	0-8/15
28	1232- 7490/11	137-274/21	30-100/11	20MR-90S / 5	1R -60MS/ 6	15S -15S / 1	0-6/ 9	1-8/15
77	960-12953/12	142-270/21	10-100/11	1R -20MR/ 3	1R -60S / 8	15S -15S / 1	0-8/ 9	0-6/14
55	288-10537/12	137-253/21	5-100/11	1R -70S / 5	30MR-50S / 4	15S -15S / 1	2-7/ 9	0-8/15
57	1960-11370/12	141-272/20	50-100/11	1R -10MR/ 5	1R -60S / 6	15S -15S / 1	1-6/ 9	0-7/15
84	933-10970/12	144-275/20	40-100/11	10MS-40MS/ 3	1S -60S / 5	15S -15S / 1	1-8/ 9	0-7/15
85	2032-13327/12	140-265/20	50-100/11	1S -20MR/ 6	10MR-30MS/ 2	15S -15S / 1	0-7/ 9	0-9/15
48	1612- 9954/13	141-270/21	30-100/11	1R -30MS/ 6	1S -65S / 9	15S -15S / 1	0-8/10	0-6/16
93	1344-12953/12	137-270/21	10-100/11	5R -60S / 6	5MS- 5S / 2	15S -15S / 1	0-8/ 9	0-8/14
53	680- 7496/12	139-254/21	25-100/11	15MS-90S / 4	15S -99S / 8	15S -15S / 1	1-8/ 9	0-9/15
99	1604-12619/12	137-264/20	40-100/11	1R -10MR/ 6	1S -80S / 8	15S -15S / 1	0-6/ 9	0-8/15
101	1064-11578/11	134-252/20	30-100/10	10MR-60S / 6	1MS-10MS/ 2	15S -15S / 1	0-8/ 8	0-7/15

TABLE 10. Entries Selected for their Response to Septoria Tritici Over All Locations Reporting

Minimum-Maximum/Number of Locations Reporting for the Following Trait:

Entry Number	Yield (Kg/Ha)	Days to Flower From Jan 1	Winter Hardiness (%)	Puccinia Striiformis	Puccinia Recondita	Puccinia Graminis	Septoria (0-9)	Mildew (0-9)
61	1492-12203/11	137-273/21	50-100/11	20MR-20MR/ 1	10MS-40S / 6	15S -15S / 1	0-5/ 9	0-8/15
62	1504-11078/12	138-272/21	50-100/11	10MR-10MR/ 1	10MR-50S / 6	20S -20S / 1	0-5/ 9	1-8/15
63	1524-10579/11	138-270/21	60-100/11	10MR-10MR/ 1	1MS-40MS/ 7	20S -20S / 1	0-5/ 9	0-8/15
32	1332-11911/13	136-254/21	30-100/11	10MR-10MR/ 1	25S -30S / 2	5S - 5S / 1	0-5/10	0-5/16
37	1710-11870/12	137-266/21	30-100/11	1R -30MS/ 6	- / 0	25S -25S / 1	0-6/ 9	0-8/15
47	1604-11037/13	140-276/19	5-100/11	1MR-20MS/ 5	1R -40S / 7	1S - 1S / 1	0-4/10	0-4/16
45	1320-11578/13	140-275/21	40-100/11	1R -30MS/ 4	1R -40S / 6	5S - 5S / 1	1-6/10	0-4/16
33	1360- 9246/12	137-255/21	30-100/11	10MR-40MS/ 4	1R -60MS/ 9	20S -20S / 1	0-5/10	0-8/16
72	1536-11703/12	141-263/21	55-100/11	70R -50S / 5	5MR-50S / 5	20S -20S / 1	0-8/ 9	0-8/15
41	712- 6830/11	140-268/21	25-100/11	2MS-80S / 6	1S -60S / 6	20S -20S / 1	0-6/ 9	0-9/15
66	1436-14160/12	137-266/21	50-100/11	20R -10MS/ 3	5MR-40MR/ 3	20S -20S / 1	0-6/ 9	0-9/15
76	1844-12786/12	141-275/21	40-100/11	1R -20MR/ 4	5R -60S / 7	5S - 5S / 1	0-7/ 9	0-7/15
64	1304-10704/12	139-268/21	45-100/11	10MR-10MR/ 1	5R -20MR/ 5	20S -20S / 1	2-4/ 9	0-8/15
78	1760-11370/12	141-272/21	40-100/11	20MR-20MR/ 1	1R -99S / 7	20S -20S / 1	0-7/ 9	0-9/15
39	1332-11120/12	136-255/21	30-100/11	5S -50MS/ 5	1R -60S / 7	20S -20S / 1	0-6/ 9	0-8/15
79	2176-12328/11	141-269/21	50-100/11	10MR-40MS/ 6	1S -60MS/ 4	20S -20S / 1	0-7/ 9	0-9/15
99	1604-12619/12	137-264/20	40-100/11	1R -10MR/ 6	1S -80S / 8	15S -15S / 1	0-6/ 9	0-8/15
102	1710-11537/13	130-254/20	50-100/10	10MR-40MR/ 3	1S -70MS/ 6	25S -25S / 1	0-6/ 8	0-7/16
90	2104-11828/12	139-266/20	20-100/11	25R -40MS/ 4	1R -30S / 6	25S -25S / 1	1-7/ 9	0-8/15
74	1168-10870/11	136-247/21	30-100/11	5R -80S / 6	10MR-20MR/ 2	15S -15S / 1	0-7/ 9	0-8/15
38	1672-11786/12	137-265/21	30-100/11	1MR-60MS/ 6	5MR-60MS/ 5	25S -25S / 1	0-6/ 9	0-7/15
10	1592-11745/12	139-268/21	30-100/11	1MR-40MR/ 6	1S -60S / 6	15S -15S / 1	0-6/ 9	0-7/15
54	967-12036/12	138-253/20	60-100/11	1R - 2MS/ 2	5R -99S / 8	15S -15S / 1	0-5/ 7	0-8/14
88	1200- 9496/12	137-265/21	35-100/11	1MR-60S / 5	10MR-20S / 4	20S -20S / 1	0-8/ 9	0-7/15
6	872- 7721/11	137-260/21	40-100/11	1MS-80S / 5	5MR-10MR/ 2	25S -25S / 1	0-6/ 9	0-8/15

TABLE 11. Entries Selected for their Response to Erysiphe Graminis Tritici (Powdery Mildew) Over All Locations Reporting

Minimum-Maximum/Number of Locations Reporting for the Following Trait:

Entry Number	Yield (Kg/Ha)	Days to Flower From Jan 1	Winter Hardiness (%)	Puccinia Striiformis	Puccinia Recondita	Puccinia Graminis	Septoria (0-9)	Mildew (0-9)
45	1320-11578/13	140-275/21	40-100/11	1R -30MS/ 4	1R -40S / 6	5S - 5S / 1	1-6/10	0-4/16
47	1604-11037/13	140-276/19	5-100/11	1MR-20MS/ 5	1R -40S / 7	1S - 1S / 1	0-4/10	0-4/16
57	1960-11370/12	141-272/20	50-100/11	1R -10MR/ 5	1R -60S / 6	15S -15S / 1	1-6/ 9	0-7/15
32	1332-11911/13	136-254/21	30-100/11	10MR-10MR/ 1	25S -30S / 2	5S - 5S / 1	0-5/10	0-5/16
69	1316- 9454/12	135-261/21	40-100/11	60MS-60S / 2	5R -70MS/ 3	15S -15S / 1	1-8/ 9	0-7/15
67	1032-10537/11	137-264/21	60-100/11	1MR-20MR/ 5	1R -70S / 9	20S -20S / 1	1-7/ 9	0-8/15
48	1612- 9954/13	141-270/21	30-100/11	1R -30MS/ 6	1S -65S / 9	15S -15S / 1	0-8/10	0-6/16
46	1736-10912/13	142-273/21	40-100/11	1MR-30MS/ 4	1R -65S /10	20S -20S / 1	0-7/10	0-6/16
68	920- 9329/12	134-262/21	60-100/11	1MS-60MS/ 6	1R -30S / 8	20S -20S / 1	0-8/ 9	0-9/15
55	288-10537/12	137-253/21	5-100/11	1R -70S / 5	30MR-50S / 4	15S -15S / 1	2-7/ 9	0-8/15
98	980-10620/12	137-269/21	40-100/11	10R -40MS/ 4	1R -40S / 7	5S - 5S / 1	2-7/ 9	0-8/15
7	457-11870/11	134-255/21	40-100/11	5R -20MS/ 6	5R -50S / 6	20S -20S / 1	0-8/ 9	0-8/15
101	1064-11578/11	134-252/20	30-100/10	10MR-60S / 6	1MS-10MS/ 2	15S -15S / 1	0-8/ 8	0-7/15
58	1072-11203/12	134-255/21	55-100/11	5R -30MS/ 4	5S -99S / 9	25S -25S / 1	0-6/ 9	0-6/15
49	1160- 9954/11	139-267/20	50-100/11	10MR-10MR/ 2	1R -10S / 2	5S - 5S / 1	2-6/ 7	0-5/14
64	1304-10704/12	139-268/21	45-100/11	10MR-10MR/ 1	5R -20MR/ 5	20S -20S / 1	2-4/ 9	0-8/15
37	1710-11870/12	137-266/21	30-100/11	1R -30MS/ 6	- / 0	25S -25S / 1	0-6/ 9	0-8/15
54	967-12036/12	138-253/20	60-100/11	1R - 2MS/ 2	5R -99S / 8	15S -15S / 1	0-5/ 7	0-8/14
43	784-10787/12	140-262/21	20-100/11	1R -20MS/ 5	1R -10S / 4	25S -25S / 1	1-8/ 9	0-6/15
30	1492-13702/12	135-255/21	30-100/11	2MS-30MS/ 5	1MS-80S / 8	10S -10S / 1	2-7/ 9	0-7/15
44	1784-11037/13	140-262/20	40-100/11	10MR-10MS/ 2	5R -40S / 6	25S -25S / 1	1-6/10	0-8/16
74	1168-10870/11	136-247/21	30-100/11	5R -80S / 6	10MR-20MR/ 2	15S -15S / 1	0-7/ 9	0-8/15
91	1284-11245/12	136-267/21	30-100/11	1MS-10MR/ 5	1S -40MS/ 7	25S -25S / 1	1-7/ 9	0-7/15
88	1200- 9496/12	137-265/21	35-100/11	1MR-60S / 5	10MR-20S / 4	20S -20S / 1	0-8/ 9	0-7/15
65	1532- 9246/12	139-265/21	55-100/11	1R -40MS/ 3	5R -60MS/ 9	20S -20S / 1	1-6/10	0-8/16

TABLE 12. Entries Selected for their Relative Superior Agronomic Performance Over All Locations Reporting in the Low Rainfall Zone

Minimum-Maximum/Number of Locations Reporting for the Following Trait:

Entry Number	Yield (Kg/Ha)	Days to Flower From Jan 1	Winter Hardiness (%)	Puccinia Striiformis	Puccinia Recondita	Puccinia Graminis	Septoria (0-9)	Mildew (0-9)
61	1492- 8293/ 4	137-160/ 3	70-100/ 3	- / 0	- / 0	- / 0	2-2/ 1	1-8/ 3
58	1072- 8070/ 4	137-160/ 3	55-100/ 3	- / 0	- / 0	- / 0	3-3/ 1	0-5/ 3
69	1316- 6269/ 4	135-154/ 3	70-100/ 3	- / 0	- / 0	- / 0	4-4/ 1	1-4/ 3
30	1492- 6291/ 4	136-158/ 3	70-100/ 3	- / 0	- / 0	- / 0	4-4/ 1	3-4/ 3
67	1032- 6589/ 4	137-154/ 3	70-100/ 3	- / 0	1R - 1R / 1	- / 0	4-4/ 1	1-6/ 3
57	2196- 7737/ 4	141-165/ 3	50-100/ 3	- / 0	1R - 1R / 1	- / 0	3-3/ 1	0-3/ 3
1	1244- 6736/ 4	134-156/ 3	70-100/ 3	- / 0	99S -99S / 1	- / 0	4-4/ 1	3-5/ 3
54	967- 8122/ 4	138-162/ 3	70-100/ 3	- / 0	- / 0	- / 0	4-4/ 1	0-5/ 3
31	1672- 7136/ 4	131-159/ 3	50-100/ 3	- / 0	10S -10S / 1	- / 0	3-3/ 1	3-7/ 3
48	1612- 7803/ 4	141-166/ 3	55-100/ 3	- / 0	10S -10S / 1	- / 0	3-3/ 1	0-4/ 3
45	1320- 7937/ 4	140-166/ 3	55-100/ 3	- / 0	1R - 1R / 1	- / 0	3-3/ 1	1-3/ 3
62	1504- 7937/ 4	138-163/ 3	70-100/ 3	- / 0	- / 0	- / 0	2-2/ 1	1-8/ 3
74	1168- 7670/ 4	136-154/ 3	55-100/ 3	- / 0	- / 0	- / 0	3-3/ 1	3-6/ 3
91	1284- 7203/ 4	137-154/ 3	55-100/ 3	- / 0	- / 0	- / 0	3-3/ 1	3-7/ 3
63	1524- 7537/ 4	138-160/ 3	70-100/ 3	- / 0	- / 0	- / 0	2-2/ 1	1-8/ 3
32	1332- 6403/ 4	136-161/ 3	70- 80/ 3	- / 0	- / 0	- / 0	3-3/ 1	1-5/ 3
65	1532- 7435/ 4	139-164/ 3	55-100/ 3	- / 0	- / 0	- / 0	4-4/ 1	0-8/ 3
64	1304- 8137/ 4	139-160/ 3	45-100/ 3	- / 0	- / 0	- / 0	3-3/ 1	0-4/ 3
33	1360- 6736/ 4	137-163/ 3	50-100/ 3	- / 0	1R - 1R / 1	- / 0	3-3/ 1	1-8/ 3
68	920- 5202/ 4	136-154/ 3	70-100/ 3	- / 0	1R - 1R / 1	- / 0	6-6/ 1	0-8/ 3
70	1016- 5147/ 4	135-152/ 3	70-100/ 3	- / 0	1R - 1R / 1	- / 0	6-6/ 1	1-5/ 3
50	1340- 6943/ 4	135-154/ 3	70-100/ 3	- / 0	- / 0	- / 0	5-5/ 1	3-8/ 3
59	1252- 8404/ 4	139-162/ 3	35-100/ 3	- / 0	1R - 1R / 1	- / 0	4-4/ 1	1-5/ 3
66	1436- 6577/ 4	137-160/ 3	70-100/ 3	- / 0	- / 0	- / 0	4-4/ 1	3-8/ 3
46	1736- 7270/ 4	142-166/ 3	70-100/ 3	- / 0	1R - 1R / 1	- / 0	4-4/ 1	1-5/ 3
29	1304- 7870/ 4	130-163/ 3	70-100/ 3	- / 0	- / 0	- / 0	3-3/ 1	3-7/ 3
92	1252- 6803/ 4	136-161/ 3	55-100/ 3	- / 0	- / 0	- / 0	4-4/ 1	3-8/ 3
102	1844- 8537/ 4	137-165/ 3	70-100/ 3	- / 0	- / 0	- / 0	4-4/ 1	4-7/ 3

TABLE 13. Entries Selected for their Relative Superior Agronomic Performance Over All Locations Reporting in the Intermediate Rainfall Zone

Minimum-Maximum/Number of Locations Reporting for the Following Trait:

Entry Number	Yield (Kg/Ha)	Days to Flower From Jan 1	Winter Hardiness (%)	Puccinia Striiformis	Puccinia Recondita	Puccinia Graminis	Septoria (0-9)	Mildew (0-9)
67	5340- 6850/ 4	137-151/11	60-100/ 5	1MR-20MR/ 4	2MS-70S / 6	20S -20S / 1	1-6/ 5	0-8/ 9
68	4275- 6249/ 5	134-148/11	60-100/ 5	1MS-60MS/ 4	1R -30S / 5	20S -20S / 1	0-6/ 5	0-9/ 9
69	3750- 5876/ 5	136-148/11	40-100/ 5	60MS-60MS/ 1	5R - 5R / 1	15S -15S / 1	1-6/ 5	0-7/ 9
91	3990- 8000/ 5	136-153/11	30-100/ 5	1MS-10MR/ 3	1S -40MS/ 5	25S -25S / 1	1-6/ 5	0-7/ 9
32	1425- 6405/ 5	138-151/11	30-100/ 5	10MR-10MR/ 1	30S -30S / 1	5S - 5S / 1	1-4/ 5	0-5/ 9
1	3075- 6700/ 5	134-148/11	40-100/ 5	10MS-70S / 4	20S -80S / 6	15S -15S / 1	2-7/ 5	0-6/ 9
101	5290-10500/ 4	134-147/10	30-100/ 4	10MR-40S / 4	1MS-10MS/ 2	15S -15S / 1	1-6/ 4	0-5/ 9
55	3420- 6700/ 5	137-151/11	50-100/ 5	10S -70S / 3	20S -50S / 2	15S -15S / 1	2-6/ 5	0-8/ 9
88	4275- 5922/ 5	140-154/11	40-100/ 5	1MR-60MS/ 3	10MR-20S / 3	20S -20S / 1	1-6/ 5	0-7/ 9
74	4500- 7000/ 4	136-152/11	30-100/ 5	5R -80S / 4	10MR-20MR/ 2	15S -15S / 1	0-5/ 5	0-8/ 9
98	1995- 7000/ 5	138-154/11	40-100/ 5	10MR-40MS/ 2	1R -40S / 5	5S - 5S / 1	3-6/ 5	0-8/ 9
7	3760- 6410/ 4	134-154/11	40-100/ 5	5MR-10S / 4	5R -40S / 3	20S -20S / 1	3-7/ 5	0-6/ 9
37	1710- 7420/ 5	140-153/11	30-100/ 5	1MR-40MR/ 4	- / 0	25S -25S / 1	0-6/ 5	0-7/ 9
58	5260- 8944/ 4	134-151/11	60-100/ 5	1S -40MR/ 2	5S -70S / 6	25S -25S / 1	1-6/ 5	0-6/ 9
50	2850- 8500/ 5	135-150/11	50-100/ 5	5MS-60MS/ 3	1S -40S / 5	25S -25S / 1	0-5/ 5	0-8/ 9
33	4200- 7923/ 4	139-152/11	30-100/ 5	10MR-40MR/ 3	5R -60MS/ 5	20S -20S / 1	1-5/ 5	0-7/ 9
64	4845- 8020/ 5	141-154/11	60-100/ 5	10MR-10MR/ 1	5R -20MR/ 4	20S -20S / 1	2-4/ 5	0-8/ 9
54	4560- 8044/ 4	140-150/10	60-100/ 5	2MS- 2MS/ 1	5R -50S / 6	15S -15S / 1	4-5/ 4	0-8/ 8
9	2280- 4900/ 5	133-151/11	50-100/ 5	1MR-60MS/ 3	10MR- 5S / 3	65S -65S / 1	1-6/ 5	0-8/ 9
70	4115- 7523/ 5	133-149/11	50-100/ 5	5S -20MR/ 3	5S -60MS/ 6	20S -20S / 1	3-6/ 5	0-8/ 9
39	1995- 7500/ 5	136-151/11	30-100/ 5	5S -40MS/ 3	1R -60MS/ 5	20S -20S / 1	0-6/ 5	0-8/ 9
31	2850- 8610/ 5	136-153/11	30-100/ 5	1MR- 5R / 3	5R -60S / 6	10S -10S / 1	2-6/ 5	0-8/ 9
61	5980- 8017/ 4	142-153/11	50-100/ 5	20MR-20MR/ 1	10MS-40S / 4	15S -15S / 1	1-5/ 5	0-7/ 9
24	1995- 8404/ 5	136-149/11	40-100/ 5	2MS-40MS/ 4	5R -40MR/ 5	20S -20S / 1	1-6/ 5	0-8/ 9
46	3705- 8100/ 5	143-158/11	40-100/ 5	1MR-20MR/ 3	1MS-30S / 6	20S -20S / 1	0-5/ 5	0-5/ 9
97	2850- 7096/ 5	140-151/11	30-100/ 5	5R -60MS/ 4	5R -40S / 5	25S -25S / 1	0-6/ 5	0-8/ 9
99	1995-10700/ 5	141-154/11	50-100/ 5	5R -10MR/ 4	1S -70S / 6	15S -15S / 1	0-6/ 5	0-8/ 9

TABLE 14. Entries Selected for their Relative Superior Agronomic Performance Over All Locations Reporting in the High Rainfall Zone

Minimum-Maximum/Number of Locations Reporting for the Following Trait:

Entry Number	Yield (Kg/Ha)	Days to Flower From Jan 1	Winter Hardiness (%)	Puccinia Striiformis	Puccinia Recondita	Puccinia Graminis	Septoria (0-9)	Mildew (0-9)
74	4176-10870/ 3	138-247/ 7	100-100/ 3	5MS-80S / 2	- / 0	- / 0	0-7/ 3	0-7/ 3
54	1920-12036/ 4	140-253/ 7	100-100/ 3	1R - 1R / 1	65S -99S / 2	- / 0	0-5/ 2	0-6/ 3
16	3716-11786/ 3	138-249/ 7	100-100/ 3	20MS-30MS/ 2	30MS-99S / 2	- / 0	0-6/ 3	3-8/ 3
101	3295-11578/ 3	139-252/ 7	100-100/ 3	60MR-60S / 2	- / 0	- / 0	0-8/ 3	0-3/ 3
68	2152- 9329/ 3	138-262/ 7	100-100/ 3	15R -50MS/ 2	20MS-20MS/ 2	- / 0	0-8/ 3	0-4/ 3
32	1880-11911/ 4	140-254/ 7	100-100/ 3	- / 0	25S -25S / 1	- / 0	0-5/ 4	0-5/ 4
71	4698- 5602/ 2	138-251/ 6	100-100/ 3	5R - 5R / 1	90S -90S / 1	- / 0	1-7/ 2	1-7/ 3
50	1960-11412/ 4	138-251/ 7	100-100/ 3	30MR-50S / 2	10S -99S / 3	- / 0	0-7/ 4	0-8/ 4
102	1920-11537/ 4	140-254/ 7	100-100/ 3	- / 0	40S -70MS/ 2	- / 0	0-6/ 3	2-6/ 4
58	1840-11203/ 4	139-255/ 7	100-100/ 3	5R -30MS/ 2	40S -99S / 3	- / 0	0-6/ 3	0-6/ 3
7	3605-11870/ 3	138-255/ 7	100-100/ 3	5R -20MS/ 2	40MS-50S / 2	- / 0	0-8/ 3	0-8/ 3
39	3902-11120/ 3	139-255/ 7	100-100/ 3	10MS-50MS/ 2	10S -60S / 2	- / 0	0-6/ 3	3-7/ 3
92	4002- 8788/ 3	139-252/ 7	100-100/ 3	1R -80S / 2	10MS-60MS/ 2	- / 0	0-6/ 3	5-6/ 3
13	3862-11703/ 3	138-251/ 7	100-100/ 3	90S -90S / 1	30MS-30MS/ 1	- / 0	0-7/ 3	3-8/ 3
99	4762-12619/ 3	142-264/ 6	100-100/ 3	1R - 5MS/ 2	20MS-80S / 2	- / 0	0-4/ 3	4-7/ 3
59	1796-10495/ 4	140-256/ 7	100-100/ 3	1R -40MS/ 2	50S -99S / 3	- / 0	0-6/ 3	1-5/ 3
33	1920- 9246/ 4	140-255/ 7	100-100/ 3	40MS-40MS/ 1	20MS-40S / 3	- / 0	0-5/ 4	0-8/ 4
24	3516-12869/ 3	138-257/ 7	100-100/ 3	40S -40S / 1	30MR-30MS/ 2	- / 0	5-7/ 3	3-5/ 3
56	3198-12661/ 3	139-253/ 7	100-100/ 3	- / 0	99S -99S / 1	- / 0	0-7/ 3	0-8/ 3
30	4112-13702/ 3	140-255/ 7	100-100/ 3	40MR-30MS/ 2	30MS-80S / 2	- / 0	3-7/ 3	0-6/ 3
70	3216-10828/ 3	138-261/ 7	100-100/ 3	25R -30MS/ 2	30MS-30MS/ 1	- / 0	2-8/ 3	1-7/ 3
38	3955-11786/ 3	140-265/ 7	100-100/ 3	25MR-40MS/ 2	- / 0	- / 0	0-5/ 3	4-6/ 3
91	3735-11245/ 3	138-267/ 7	100-100/ 3	20R -20R / 2	5S -15MR/ 2	- / 0	3-7/ 3	3-4/ 3
19	3491-11037/ 3	139-261/ 7	100-100/ 3	5MR-60S / 2	5R -10MS/ 2	- / 0	0-6/ 3	0-8/ 3
9	2748- 9829/ 3	138-262/ 7	100-100/ 3	10MS-40MS/ 2	20S -20S / 1	- / 0	2-7/ 3	1-6/ 3
8	2281-12203/ 3	136-250/ 7	100-100/ 3	40MS-40MS/ 1	50S -50S / 1	- / 0	0-8/ 3	5-8/ 3
37	3862-11870/ 3	144-266/ 7	100-100/ 3	1R -30MS/ 2	- / 0	- / 0	0-3/ 3	2-4/ 3
69	3102- 9454/ 3	138-261/ 7	100-100/ 3	60S -60S / 1	30MS-70MS/ 2	- / 0	2-8/ 3	2-4/ 3

TABLE 15. Pedigrees of Lines Selected for Best Performance in the Following Eleven Categories:
 (1) Yield Performance; (2) Earliness; (3) Winterhardiness; (4) Stripe Rust; (5) Leaf Rust; (6) Stem Rust;
 (7) Septoria; (8) Mildew; (9) Overall Performance in the Low Rainfall Zone; (10) Overall Performance in
 the Intermediate Rainfall Zone; (11) Overall Performance in the High Rainfall Zone

ENTRY	PEDIGREE	RANK BY CATEGORY										
		1	2	3	4	5	6	7	8	9	10	11
1	BOLAL		5				25			7	6	
2	BEZOSTAJA			19								
3	ANZA		2			19						
4	RSK		1									
6	AU/ERA/4/KAL/PMF/3/7C/CNO//CAL,F1/5/DYBR83-81							25				
7	ND/P101//BB/GLL/3/TJB54-218/MHB30-2//HTL		19						12		12	11
8	F12.71/COC//CARSTEN/GIGANT		3		21	18						25
9	NS2568-2//BEZ.DW/ZG1477/3/MZL/II		17								19	25
10	ADAM/3/MLC	18				16	25	25				
11	SPN/4/D6301/HN7//ERA/3/BUC/5/MLC/ ORCW8113=MLC			25								
12	SWM845062,F1/4/F1,CHR//ERA/1161-6/GJO.S/3/RMNF12-71/J		13	25								

ENTRY PEDIGREE

RANK BY CATEGORY

13 NZT/BEZ1//ALD"S

14 VW771595G21/3/SPN//63-189-66-7/BEZ/4/VPM/MOS951//2*HILL

15 ORS112.84/GALAXIE

16 THESEE/ANDAIN

17 HCT/AB.H2//CGA.ALD.S MFO

18 APOLLO/6119

19 GRANADA.KURT//6115

21 ARISTIDE/DELFI//GALAXIE

22 CAMP-REMY/GALAXIE//DELFI

23 PERNEL/ADAM//THESEE

24 ANDAIN/AD.T//MOULIN

26 SPN//63-189-66-7/BEZ/3/FW771595G02

27 SPN//63-189-66-7/BEZ/3/FW771595G02

28 ND/P101//BB/GLL/5/KVZ/3/BB/CHA//TRM/4/TEMU 33-78

29 VPM/MOS83-11-4-8//YMH/HYS,F1/3/ASF/4/NEELY/SPN//SPN

30 TJB368-251/BUC//WA 6816

1	2	3	4	5	6	7	8	9	10	11
	12			11						14
		16								
			6							
	8									3
			4							
	22									
		12								25
		14								
		25								
	18		5							
25	11								25	18
		18								
			25							
				10	25					
				1	7			25		
23	23	25			11		20	4		20

ENTRY PEDIGREE

RANK BY CATEGORY

ENTRY	PEDIGREE	1	2	3	4	5	6	7	8	9	10	11
31	TJB368-251/RUC//WA 6816	6			16		10			9	22	
32	RONDEVOUS/3/CARSTEN/GIGANT				15	14	8	4	4	16	5	6
33	RONDEVOUS/3/CARSTEN/GIGANT							8		19	16	17
34	GRTPL 6052/RUST 10					25						
35	RBS/68-1846/3/CC//CAL/SR/4/RUST 10				13							
36	RONDEVOUS/3/PROBSTORFER EXTREM/TOB 66				2	2						
37	RONDEVOUS/3/PROBSTORFER EXTREM/TOB 66				25	3		5	17		13	25
38	RONDEVOUS/3/PROBSTORFER EXTREM/TOB 66					4		25				22
39	CARSTEN/GIGANT/5/AU/3/MINN//HK/38MA/4/YMH/ERA							15			21	12
41	CMT/ALD//BPR689-71/TI							10				
42	CMT/ALD//BPR689-71/TI					5						
43	TOPO S/NAR 59*2//BDFN/3/BOW S/4/PMF//CNO S/GLL				17				19			
44	CARGL 20//CARSTEN/GIGANT				19				21			
45	CARGL 53//D887-74/PEW	17		25	11	22	4	7	1	11		
46	CARGL 53//D887-74/PEW	21			22				8	25	25	
47	ROM F9-70//CNO.S/GALLO/3/D887-74/PEW	25			7		1	6	2			

ENTRY PEDIGREE

RANK BY CATEGORY

1	2	3	4	5	6	7	8	9	10	11
					25		7	10		
				12	6		15			
20	9	9						22	15	8
	20									
		20								
					25					
7		6		17	25	25	18	8	18	2
					25		10		8	
										19
15		10	12		25		3	6		
13	24						14	2	14	10
9					25			23		16
10		3			25	1		1	23	
25		2	14			2		12		
5		1	10			3		15		
			13	25		13	16	18	17	

48 ROM F9-70//CNO.S/GALLO/3/D887-74/PEW

49 ROM F9-70//CNO.S/GALLO/4/ID#3860130

50 BUDZAK//CARSTEN/GIGANT

51 CMT/ALD//M1223-3D-1D(MI76-77-S29)/ALD

52 CMT/ALD//M1223-3D-1D(MI76-77-S29)/ALD

53 CMT/ALD//M1223-3D-1D(MI76-77-S29)/ALD

54 CARGL 62//TJB368-251/BUC

55 TJB368.251/BUC.S//HAHN.S*2/PRL.S

56 TJB368.251/BUC.S//DOVE.S/BUC.S

57 FIEF/MOULIN//AUSTERLITZ/86B022

58 B0021/AMBASSADOR//CARGIDOC

59 B0021/AMBASSADOR//CARGIDOC

61 FIEF/PERNEL

62 FIEF/PERNEL

63 FIEF/PERNEL

64 FLORIN/PERNEL

ENTRY PEDIGREE

RANK BY CATEGORY

1	2	3	4	5	6	7	8	9	10	11
22		5					25	17		
8		15				11		25		
	16	7					6	5	1	
	7	4					9	20	2	5
	15	21			25		5	3	3	25
	6	25						21	20	21
	21			21						7
		11				9				
4		8								
	10			6	25	20	22	13	10	1
12										
16		17	8		7	12				
			9		25					
							14			
11							16			
						9				

65 B496/THESEE
 66 D6301/HN7//ERA/3/BUC/4/MLC,F1/5/MLC
 67 CLLF/BEZ//SU92/CI13645/3/NAI60/4/EMUS/5/DYBR83-59
 68 AU/3/MINN//HK/38MA/4/YMH/ERA/5/85CB077
 69 AU/3/MINN//HK/38MA/4/YMH/ERA/5/85CB077
 70 PJ/HN4//GLL/5/85CB077
 71 ALCEDO/5/AU/3/MINN//HK/38MA/4/YMH/ERA
 72 SEPCB84048/SEPCB84038
 73 SEPCB84055/MLC
 74 PJ/HN4//GLL/3/SERI
 75 GREER/PECK//HILL/3/GREER/53118//MH6T
 76 TJB842-12919/SPN//SPN*2/HH
 77 TJB842-12919/SPN//SPN*2/HH
 78 SPN*2/HH/3/VPM/MOS951//2*HILL
 79 KVZ/3/BB/CHA//TRM/4/TEMU 33-78/5/VPM/MOS951//2*HILL
 81 SPN/YMHDW/4/TJB259-83/3/CD/P101//DRC

ENTRY	PEDIGREE
82	ID#3865059/5/7C/CNO//CAL/3/YMH
83	FW73830-001//SAMBO/MOLDOVA/4/TJB259-83/3/CD/P101//DRC
84	FW73830-001//SAMBO/MOLDOVA/4/TJB259-83/3/CD/P101//DRC
85	TJB368-251/BUC//UT1567-121
86	RBS/68-1846/3/CC//CAL/SR/4/RUST 10
87	AU/ERA/4/KAL/PMF/3/7C/CNO//CAL,F1/5/DYBR83-81
88	OW842134,F1/5/85CB077
89	KAL/PMF/3/7C/CNO//CAL/4/NO57/PEX,F1/5/RSK//CNOS/GLL
90	D6301/HN7//ERA/3/BUC/4/MLC,F1/5/MLC
91	TRK/4/VPM/MOS83-11-4-8//HILL,F1/3/ASP,F1/4/SRG/SPN
92	F12.71/COC//CARSTEN/GIGANT
93	OR CR8512/GP-MT5221
94	OR CR8313/OR CR8601
95	GREER/PECK//HILL/3/GREER/53118//MH6T
96	GREER/PECK//HILL/3/GREER/53118//MH6T
97	LENORE/DAWS

RANK BY CATEGORY

1	2	3	4	5	6	7	8	9	10	11
19					3					
				23						
					25					
3					25					
		25	18		2					
				13						
		25				25	24		9	
	4									
14						19				
25	25		25				23	14	4	23
								25		13
					25					
				1						
2			25							
			3							
				20					25	

RANK BY CATEGORY

ENTRY	PEDIGREE	1	2	3	4	5	6	7	8	9	10	11
98	CLLF/BEZ//SU92/CI13645/3/NAI60/4/EMUS/5/DYBR83-59						5		11		11	
99	6720-11//MDA38/WRM/3/MLC	1			20		25	17			25	15
101	ND/F101//BB/GLL/3/TJB54-218/MHB30-2//HTL		14			9	25		13		7	4
102	F12.71/COC//CARSTEN/GIGANT					8		18		25		9
103	F12.71/COC//78W025001					15						