

Department of Crop Science

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**1996 PROGRESS REPORT**

**OATS, BARLEY AND WHEAT**

**ONTARIO  
PERFORMANCE TRIALS**



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Prepared by the Ontario Cereal Crops Committee from trials conducted by representatives of the following organizations:

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The Performance Trials reported in this book are coordinated by Dr. L.A. Hunt and Dr. D.E. Falk, Crop Science Department, OAC, University of Guelph under the mandate of the OMAFRA Cereals Projects. Glen Meatherall, and Zorka Szlavnic conduct the data analysis, prepare and distribute the Progress Reports which are the basis for information in OMAFRA Publication 296.

## INTRODUCTION

In 1996, Recommendation Tests were revised to become Performance Trials by the Ontario Cereal Crop Committee. These tests of spring barley, oats, spring wheat and winter wheat were conducted in cooperation with the members of the Ontario Soil and Crop Improvement Association, commercial plant breeders, CAT Colleges and Agriculture Canada. Certified seed of registered cultivars was generously provided by Advantage Seeds, C & M Seeds, First Line Seeds, W.G. Thompson & Sons Ltd., SeCan, Ferguson, and Pioneer Hybrid International.

### SPRING CEREALS

For spring cereals, Area I is no longer used because of the general low performance relative to other crops, and the low acreage. Areas II and IV have been combined into a single Area, Area III remains separate, and Areas V and VI have been combined into one unit. This gives three major areas for spring cereals, Southwestern Ontario, Eastern Ontario, and Northern Ontario. Each is a major climatic zone with significant acreage of spring cereals.

**Spring Barley.** The early conditions were generally cool and wet with late planting being normal. The season never really warmed up and was generally wet throughout. Drainage, or lack of it, was a problem for much of the barley crop at some of the locations. Powdery mildew and leaf rust were fairly common but not severe. Barley yellow dwarf virus (BYDV) was seldom seen in 1996.

**Oats.** Crown rust was heavy at some locations and the oats suffered some yield losses. Grain quality was generally good, but weathering was common. Oats suffered less from the wet spring and summer conditions than barley.

**Spring Wheat.** Yield data were obtained from six locations in 1996, three from Area II, two from Area III and one from Area V. The Ontario Cereal Crops Committee's decision to restructure the Cereal Performance Trial to a sponsor-driven system resulted in a different set of spring wheat entries being grown at each of the testing Areas. The overall average yield for Area II was 3.91 t/ha, for Area III it was 4.10 t/ha and in Area V, New Liskeard, the only location growing the trial, reported an average yield of 3.80 t/ha.

**Spring Durum Wheat.** There were no durum wheats tested in the Ontario Performance Trial this past year. Data for the 1996 durum wheat Western Registration Trial grown at the Elora Research Station are presented in this report.

### WINTER CEREALS

**Winter Barley.** Severe winter kill eliminated most winter barley plots with no data being reported in this publication.

**Fall Pastry and Non-Pastry Wheat.** There were twenty-three entries planted at twelve locations across the Province during the 1995-96 growing season. Of these entries 13 were soft white, six were soft red, three were hard red and one was a specialty red wheat. Due to the severe winter only nine out of the twelve trials planted reported yield data. The overall average yield in Area I was 4.32 t/ha, in Area II it was 4.55 t/ha and in Ottawa, the only Area III location reporting data, the average yield was 5.13 t/ha.

### GROWING CONDITIONS

The autumn of 1995 was warm in most districts with excellent planting conditions. The winter started early in November and snow stayed well into January. A few thaws followed by quite cold weather affected winter survival throughout the province. Winter kill was common but very "patchy" in most regions. Considerable variability was introduced into most winter plot areas due to the uneven winter kill.

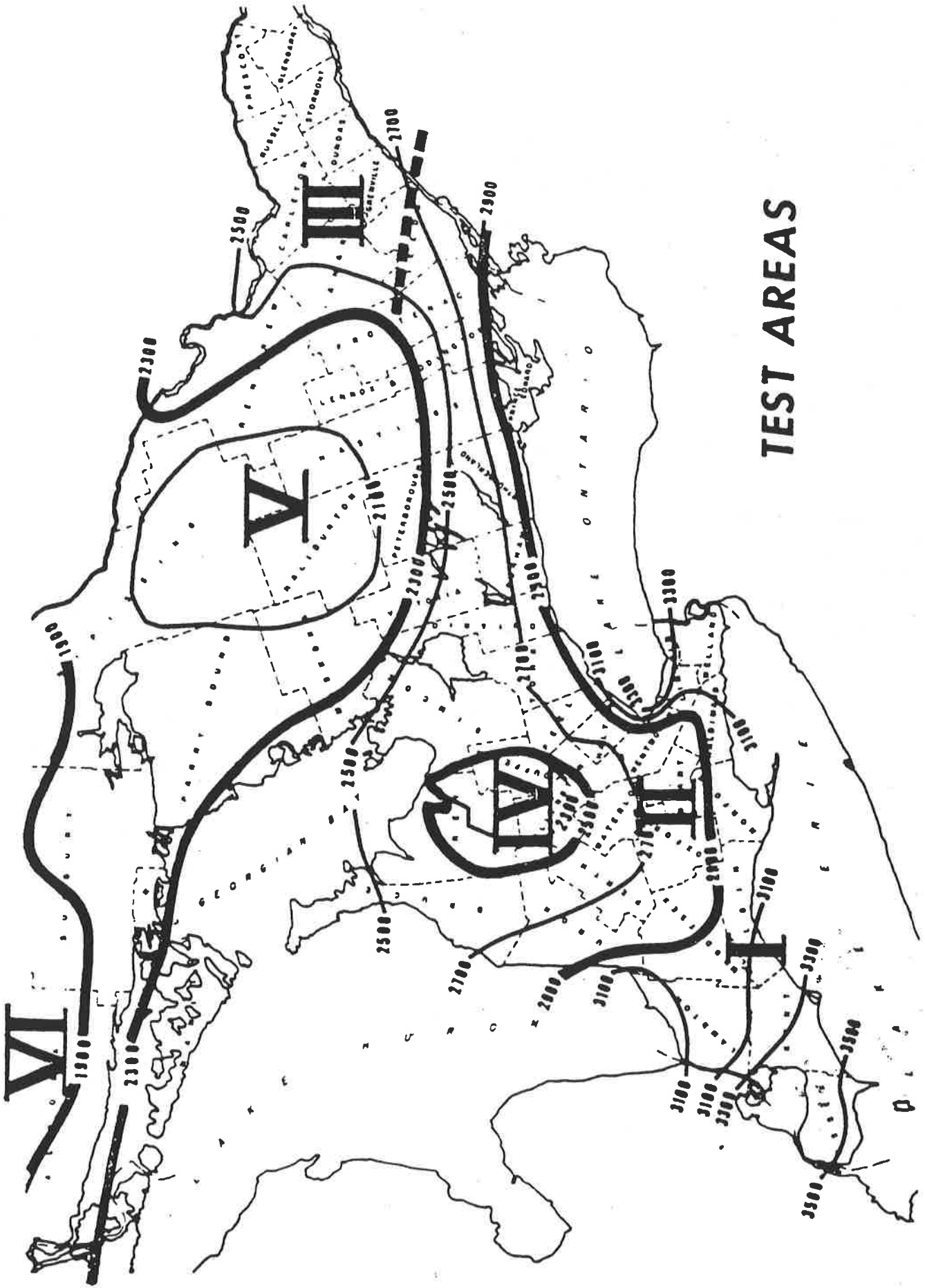
Spring sowing conditions were generally wet and cold for most spring cereals. After a fairly cool and wet spring, the remainder of the growing season continued in the same vein. June and July were quite wet with frequent thunderstorms. August was warmer and less wet with most crops harvested quite late but in fair conditions. Yields tended to be below average to above average, and the overall quality was generally average. Harvest dates were about a week to two weeks later than normal in most of the province.

The testing areas for the Performance Testing program in Ontario are outlined by using the enclosed heat unit map as a guide.

	Winter	Spring	
Test Area	I		- Southwest of the 2900 heat unit lines
Test Area	II	II & IV	- West of Frontenac, between the 2900 and 2300 heat unit lines and the Dundalk plain (Grey, Dufferin and Wellington) within the 2500 heat unit lines.
Test Area	III	III	- East of Frontenac, between the 2900 and 2300 heat unit lines.
Test Area	V	V & VI	- Northern Ontario below the 2300 heat unit lines.

The results of the 1996 tests and the average performance of cultivars over the past several years are published in this report. The long term averages of Performance Trials are reported to assist farmers in making variety selection decisions.

For specific information in your area, consult the Ontario Ministry of Agriculture, Food and Rural Affairs Publication 296 - "1996-97 Field Crop Recommendations for Ontario".



# TEST AREAS

## DESCRIPTION OF CULTIVARS IN PERFORMANCE TRIALS, 1996

## BARLEY

- AC Erda (DB 202) - a two-rowed barley developed via the doubled haploid procedure by AAFC from the cross Morrison/AB94-11. Registered in 1996.
- AC Sirius - a two-rowed barley developed by AAFC from the cross AB53-4/Rodeo//OB440/Rodeo. Registered in 1993.
- AC Sterling (AB 128-5) - a two-rowed, rough awned barley developed by Agriculture Canada, Charlottetown from the cross Micmac/K75-10/2/Rodeo. Registered in 1993.
- Belmore (T103-69) - a rough awned, two-rowed barley developed by W.G. Thompson from a cross of Winthrop/Lester. Registered in 1995.
- Lester (TBR 579-5) - a two-rowed, rough awned barley developed by W.G. Thompson from the cross UPBS60/UPBS66//Rodeo. Registered in 1990.
- Morrison - a two-rowed, rough awned, barley developed by Agriculture Canada, Ottawa from the cross Rodeo/Gitane. Registered in 1989.
- Viking (CM90522) - a rough awned, two-rowed barley introduced by C & M Seeds. Registered in 1995.
- TO081-009 - a two-rowed barley developed via the doubled haploid procedure by W.G. Thompson from the cross E650-13/E658-44. Registered in 1996.
- TO86-156 - a two-rowed barley developed via the doubled haploid procedure by W.G. Thompson from the cross Lester/TBR635-2. Registered in 1996.
- TO90-017 - a two-rowed barley developed via the doubled haploid procedure by W.G. Thompson from the cross E647/Morrison. Registered in 1996.
- T103-003 - a two-rowed barley developed via the doubled haploid procedure by W.G. Thompsons from the cross Winthrop/Lester. Registered in 1996.
- AC Alma (AB 151) - a six-rowed barley developed by Agriculture Canada Charlottetown from a cross of Chapais/Leger. Registered in 1996.
- AC Buffalo (BT 374) - a six-rowed barley developed by Agriculture Canada, Brandon from a cross of BT364\M44/msg6CC32. Marketed by W.G. Thompson. Registered in 1994.
- AC Hamilton (OB967-34) - a six-rowed smooth awned barley developed by Agriculture Canda, Ottawa from the cross Leger/OAC Kippen. Registered in 1994.
- AC Nadia (QB 232.7) - a six-rowed smooth awned barley developed by Agriculture Canada, Ste-Foy and marketed by Semican Atlantic, from the cross Leger/QB173.26. Registered in 1993.
- AC Stephen (OC 956-13) - a six-rowed smooth awned barley developed by Agriculture Canada, Ottawa from the cross OAC Kippen/Leger. Registered in 1992.



- AC Westech (DB169) - a six-rowed barley developed via the doubled haploid procedure by AAFC from the cross 82RCBB.13/Etienne. Registered in 1996.
- ACCA (QB813.2) - a six-rowed barley developed by the University of Laval from the cross QB730.2/UL0072//Leger. Registered in 1996.
- Chapais - a six-rowed, rough awned, barley developed by Agriculture Canada, Ste. Foy from the cross QB58.14/Beacon//BT904. Registered in 1988.
- Leger - a six-rowed, smooth awned, barley developed by the Agriculture Canada, Ottawa from the cross Trent/Vanier. Registered in 1982.
- Myriam (OS88-10.23) - a six-rowed smooth awned barley sponsored by Semico from the cross OB 339-1/Bedford. Registered in 1994.
- OAC Kippen - a six-rowed, semi-rough awned, barley developed by OAC, University of Guelph from a cross of OB141-1/Perth. Registered in 1987.
- Sandrine (TBC 57-40) - a six-rowed smooth awned barley developed by W.G. Thompson from the cross Mingo/OB 339-1//QB 203-4. Registered in 1994.
- CDC Buck - a hulless, six-rowed, rough awned barley developed by the Crop Development Centre, University of Saskatchewan. Registered in 1990.

**BARLEY**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1996**

Cultivar	II & IV(2)**		III(1)		V & VI (2)		PROVINCE***(5)		
	t/ha	Rank	t/ha	Rank	t/ha	Rank	t/ha	lbs/a	bu/a
AC Erda	5.03	11	4.39	14	6.00	14	5.29	4725	98
AC Sirius	-	-	3.43	16	5.92	15	-	-	-
AC Sterling	4.24	18	4.59	12	5.78	17	4.93	4398	92
Belmore	4.93	12	4.74	10	5.82	16	5.24	4683	98
Lester	4.91	13	-	-	-	-	-	-	-
Morrison	4.73	15	5.49	4	6.19	9	5.47	4880	102
Viking	5.34	6	3.67	15	6.07	11	5.30	4728	98
TO081-009	5.27	7	-	-	-	-	-	-	-
TO86-156	5.39	4	-	-	-	-	-	-	-
TO90-017	5.24	8	-	-	-	-	-	-	-
T103-003	5.16	9	1.48	17	-	-	-	-	-
AC Alma	5.94	2	4.88	9	6.94	1	6.13	5470	114
AC Buffalo	-	-	-	-	6.29	7	-	-	-
AC Hamilton	5.43	3	5.50	3	6.40	5	5.83	5207	109
AC Nadia	4.63	16	5.73	1	6.37	6	5.55	4952	103
AC Stephen	5.39	4	5.60	2	6.01	13	5.68	5068	106
AC Westech	5.08	10	4.62	11	6.03	12	5.37	4792	100
ACCA	4.85	14	5.48	5	6.26	8	5.54	4945	103
Chapais	6.15	1	5.23	7	6.45	3	6.09	5434	113
Leger	-	-	-	-	6.45	3	-	-	-
Myriam	-	-	5.40	6	6.52	2	-	-	-
OAC Kippen	4.61	17	4.48	13	-	-	-	-	-
Sandrine	-	-	5.14	8	6.19	9	-	-	-
CDC Buck	-	-	-	-	5.54	18	-	-	-
Mean	5.13	-	4.70	-	6.18	-	5.53	4940	103

\* See attached map

\*\* No. of locations

\*\*\* Weighted average

**BARLEY**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1996**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Erda	98	93	97	96
AC Sirius	-	73	96	-
AC Sterling	83	98	94	89
Belmore	96	101	94	95
Lester	96	-	-	-
Morrison	92	117	100	99
Viking	104	78	98	96
TO081-009	103	-	-	-
TO86-156	105	-	-	-
TO90-017	102	-	-	-
T103-003	101	32	-	-
AC Alma	116	104	112	111
AC Buffalo	-	-	102	-
AC Hamilton	106	117	104	105
AC Nadia	90	122	103	100
AC Stephen	105	119	97	103
AC Westech	99	98	98	97
ACCA	95	117	101	100
Chapais	120	111	104	110
Leger	-	-	104	-
Myriam	-	115	105	-
OAC Kippen	90	95	-	-
Sandrine	-	109	100	-
CDC Buck	-	-	90	-
Mean yield t/ha	5.13	4.70	6.18	5.53

**BARLEY**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1996**

Cultivar	II & IV (2)**		III (1)		V & VI (2)		PROVINCE*** (5)		
	t/ha	Rank	t/ha	Rank	t/ha	Rank	t/ha	lbs/a	bu/a
AC Sterling	4.24	8	4.59	8	5.78	9	4.93	4398	92
Lester	4.91	4	-	-	-	-	-	-	-
Morrison	4.73	5	5.49	4	6.19	6	5.47	4880	102
AC Hamilton	5.43	2	5.50	3	6.40	4	5.83	5207	109
AC Nadia	4.63	6	5.73	1	6.37	5	5.55	4952	103
AC Stephen	5.39	3	5.60	2	6.01	8	5.68	5071	106
Chapais	6.15	1	5.23	6	6.45	2	6.09	5434	113
Leger	-	-	-	-	6.45	2	-	-	-
Myriam	-	-	5.40	5	6.52	1	-	-	-
OAC Kippen	4.61	7	4.48	9	-	-	-	-	-
Sandrine	-	-	5.14	7	6.19	6	-	-	-
Mean	5.01	-	5.24	-	6.26	-	5.56	4962	103

\* See attached map

\*\* No. of locations

\*\*\* Weighted average

**BARLEY**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1996**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Sterling	85	88	92	89
Lester	98	-	-	-
Morrison	94	105	99	98
AC Hamilton	108	105	102	105
AC Nadia	92	109	102	100
AC Stephen	108	107	96	102
Chapais	123	100	103	109
Leger	-	-	103	-
Myriam	-	103	104	-
OAC Kippen	92	85	-	-
Sandrine	-	98	99	-
Mean yield t/ha	5.01	5.24	6.26	5.56

**BARLEY**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1995-96**

Cultivar	II & IV (7)**		III (3)		V & VI (7)		PROVINCE*** (17)		
	t/ha	Rank	t/ha	Rank	t/ha	Rank	t/ha	lb/s	bu/a
AC Sterling	4.27	8	3.39	11	4.36	13	4.15	3708	77
Belmore	4.38	5	3.89	8	4.45	12	4.32	3860	80
Lester	4.34	6	-	-	-	-	-	-	-
Morrison	4.26	9	4.12	3	4.83	6	4.47	3991	83
Viking	4.34	6	3.30	12	4.22	14	4.11	3665	76
AC Alma	4.87	2	3.67	10	4.97	5	4.70	4198	87
AC Buffalo	-	-	-	-	4.70	9	-	-	-
AC Hamilton	4.53	4	3.94	6	5.09	1	4.66	4158	87
AC Nadia	3.98	11	4.09	4	4.64	10	4.27	3813	79
AC Stephen	4.66	3	4.35	1	4.79	7	4.66	4162	87
Chapais	4.98	1	4.00	5	4.99	4	4.81	4294	89
Leger	-	-	-	-	5.03	2	-	-	-
Myriam	-	-	4.25	2	4.71	8	-	-	-
OAC Kippen	4.25	10	3.79	9	-	-	-	-	-
Sandrine	-	-	3.93	7	5.01	3	-	-	-
CDC Buck	-	-	-	-	4.51	11	-	-	-
Mean	4.44	-	3.89	-	4.74	-	4.46	3983	83

\* See attached map

\*\* No. of locations

\*\*\* Weighted average

**BARLEY**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1995-96**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Sterling	96	87	92	93
Belmore	99	100	94	97
Lester	98	-	-	-
Morrison	96	106	102	100
Viking	98	85	89	92
AC Alma	110	94	105	105
AC Buffalo	-	-	99	-
AC Hamilton	102	101	107	104
AC Nadia	90	105	98	96
AC Stephen	105	112	101	105
Chapais	112	103	105	108
Leger	-	-	106	-
Myriam	-	109	99	-
OAC Kippen	96	97	-	-
Sandrine	-	101	106	-
CDC Buck	-	-	95	-
Mean yield t/ha	4.44	3.89	4.74	4.46

**BARLEY**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1993-96**

Cultivar	II & IV (17)**		III (7)		V & VI (15)		PROVINCE***(39)		
	t/ha	Rank	t/ha	Rank	t/ha	Rank	t/ha	lbs/a	bu/ac
AC Sterling	4.23	6	3.57	9	4.50	9	4.21	3759	78
Lester	4.26	5	-	-	-	-	-	-	-
Morrison	4.16	8	3.80	8	4.83	8	4.36	3893	81
AC Hamilton	4.52	3	4.20	3	5.04	6	4.66	4161	87
AC Nadia	4.18	7	3.97	6	5.10	4	4.50	4018	84
AC Stephen	4.72	2	4.26	2	4.85	7	4.68	4179	87
Chapais	4.88	1	4.04	5	5.06	5	4.80	4286	89
Leger	-	-	-	-	5.17	2	-	-	-
Myriam	-	-	4.34	1	5.22	1	-	-	-
OAC Kippen	4.27	4	3.83	7	-	-	-	-	-
Sandrine	-	-	4.19	4	5.11	3	-	-	-
Mean	4.40		4.02	-	4.99	-	4.53	4045	84

\* See attached map

\*\* No. of locations

\*\*\* Weighted average

**BARLEY**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1993-96**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Sterling	96	89	90	93
Lester	97	-	-	-
Morrison	95	95	97	96
AC Hamilton	103	104	101	103
AC Nadia	95	99	102	99
AC Stephen	107	106	97	103
Chapais	111	100	101	106
Leger	-	-	104	-
Myriam	-	108	105	-
OAC Kippen	97	95	-	-
Sandrine	-	104	102	-
Mean yield t/ha	4.40	4.02	4.99	4.53

**TESTING AREA II & IV  
BARLEY  
AGRONOMIC DATA, 1996**

Cultivar	Yield t/ha (2)*	wt/hl kg (2)	Kernel weight g/1000 (2)	Height cm (2)	Lodging 0-9 (2)	Maturity <sup>a</sup> days (2)	Mildew 0-9 (1)	Leaf Rust 0-9 (1)	Scald 0-9 (1)
AC Erda	5.03	63.9	46.0	90	2.3	91	2.0	4.0	8.0
AC Sterling	4.24	63.3	46.2	96	3.1	91	0.0	5.5	7.3
Belmore	4.93	65.7	44.4	86	1.3	88	6.0	6.5	6.8
Lester	4.91	64.4	45.7	83	3.8	88	7.0	7.0	7.3
Morrison	4.73	63.5	47.2	88	3.0	90	0.5	7.0	6.8
Viking	5.34	67.9	46.5	87	4.0	91	0.0	4.5	5.3
TO081-009	5.27	64.3	45.5	86	5.1	88	1.0	4.0	5.0
TO86-156	5.39	68.0	49.3	90	1.8	90	1.0	7.5	7.8
TO90-017	5.24	65.7	46.5	93	1.8	89	1.0	5.5	6.3
T103-003	5.16	64.1	49.3	87	4.4	87	5.0	5.5	5.8
AC Alma	5.94	61.8	44.4	100	1.4	92	8.0	7.5	4.5
AC Hamilton	5.43	61.0	43.2	101	5.0	91	7.5	8.0	2.5
AC Nadia	4.63	60.1	37.7	100	2.5	89	5.5	7.5	1.0
AC Stephen	5.39	62.7	42.4	99	3.5	90	7.0	6.5	3.5
AC Westech	5.08	63.8	39.7	97	2.6	89	5.5	8.5	6.5
ACCA	4.85	63.2	41.3	96	6.1	92	6.0	8.0	1.5
Chapais	6.15	62.8	49.5	90	4.2	89	6.0	7.0	3.5
OAC Kippen	4.61	66.4	39.6	96	6.1	89	6.5	5.0	3.0

<sup>a</sup>no. of days from seeding to maturity

\*no. of locations



**TESTING AREA II & IV  
BARLEY  
AGRONOMIC DATA, 1995-96**

Cultivar	Yield t/ha (7)*	wt/hl kg (7)	Kernel weight g/1000 (7)	Height cm (7)	Lodging 0-9 (7)	Maturity <sup>a</sup> days (5)	Mildew 0-9 (4)	Leaf Rust 0-9 (3)
AC Sterling	4.27	62.2	43.9	85	2.4	87	0.0	3.6
Belmore	4.38	63.5	42.9	77	1.8	85	4.3	3.8
Lester	4.34	62.5	43.5	75	2.4	85	3.0	4.3
Morrison	4.26	62.6	43.4	80	3.3	86	0.1	4.4
Viking	4.34	64.2	45.3	82	3.3	87	0.0	2.8
AC Alma	4.87	56.6	40.3	85	1.6	87	5.0	6.3
AC Hamilton	4.53	57.1	40.6	88	3.1	87	5.3	6.3
AC Nadia	3.98	56.1	35.0	87	2.0	86	4.9	5.8
AC Stephen	4.66	59.5	38.4	86	2.4	85	5.0	3.9
Chapais	4.98	58.8	45.6	79	3.0	85	4.0	4.6
OAC Kippen	4.25	61.1	37.6	90	4.5	85	4.5	3.8

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

**AGRONOMIC DATA, 1993-96**

Cultivar	Yield t/ha (17)*	wt/hl kg (17)	Kernel weight g/1000 (17)	Height cm (17)	Lodging 0-9 (14)	Maturity <sup>a</sup> days (11)	Mildew 0-9 (8)	Leaf Rust 0-9 (5)
AC Sterling	4.23	62.8	43.6	84	2.0	87	0.0	2.8
Lester	4.26	63.2	43.6	76	1.8	85	1.4	3.2
Morrison	4.16	63.4	42.1	80	2.2	86	0.1	3.1
AC Hamilton	4.52	58.2	40.3	91	2.1	87	3.2	4.8
AC Nadia	4.18	57.4	35.1	90	1.8	86	3.6	4.2
AC Stephen	4.72	59.9	37.8	90	2.4	86	3.0	3.5
Chapais	4.88	59.3	44.7	79	2.2	85	2.3	4.1
OAC Kippen	4.27	61.7	37.8	91	3.7	85	2.2	3.0

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

**TESTING AREA II & IV**  
**BARLEY**  
**Yield data for 1996**

Cultivar	Huron I	Wellington I	Average			Rank
			t/ha	lbs/a	bu/a	
AC Erda	5290	4773	5.03	4492	94	11
AC Sterling	5000	3475	4.24	3783	79	18
Belmore	5296	4554	4.93	4397	92	12
Lester	5121	4701	4.91	4385	91	13
Morrison	5242	4214	4.73	4221	88	15
Viking	5338	5334	5.34	4764	99	6
TO081-009	5749	4796	5.27	4708	98	7
TO86-156	5423	5350	5.39	4809	100	4
TO90-017	5543	4933	5.24	4677	97	8
T103-003	5773	4546	5.16	4607	96	9
AC Alma	7077	4803	5.94	5304	110	2
AC Hamilton	6316	4549	5.43	4850	101	3
AC Nadia	4710	4551	4.63	4134	86	16
AC Stephen	6486	4284	5.39	4808	100	5
AC Westech	6184	3972	5.08	4534	94	10
ACCA	6039	3660	4.85	4330	90	14
Chapais	6534	5772	6.15	5494	114	1
OAC Kippen	5471	3756	4.61	4119	86	17
MEAN	5700	4557	5.13	4579	95	-
C.V. %	5.4	7.7	6.6	-	-	-
LSD (0.05)	435	479	0.46	-	-	-

**TESTING AREA III  
BARLEY  
AGRONOMIC DATA, 1996**

Cultivar	Yield t/ha (1)*	wt/hl kg (1)	Kernel weight g/1000 (1)	Height cm (1)	Lodging 0-9 (1)	Maturity <sup>a</sup> days (1)	Mildew 0-9 (1)
AC Erda	4.39	68.8	52.0	74	1.8	89	0.0
AC Sirius	3.43	68.8	51.2	80	4.0	88	0.0
AC Sterling	4.59	70.0	49.6	78	1.0	89	0.0
Belmore	4.74	72.0	54.4	74	0.5	88	0.0
Morrison	5.49	70.1	48.8	74	1.3	88	0.0
Viking	3.67	70.7	52.8	75	2.8	89	0.0
T103-003	1.48	69.9	52.8	78	4.5	88	0.0
AC Alma	4.88	66.3	48.8	82	0.5	90	4.0
AC Hamilton	5.50	66.8	45.6	86	1.0	90	0.0
AC Nadia	5.73	67.8	41.0	85	0.5	90	3.0
AC Stephen	5.60	68.2	45.0	83	1.5	88	0.0
AC Westech	4.62	68.4	38.8	87	2.5	88	0.0
ACCA	5.48	66.3	42.4	83	0.3	89	4.0
Chapais	5.23	68.0	49.6	76	0.8	88	3.0
Myriam	5.40	68.0	48.4	83	0.3	90	3.0
OAC Kippen	4.48	68.6	42.4	89	2.3	89	0.0
Sandrine	5.14	71.3	44.4	89	1.3	89	3.0

<sup>a</sup>no. of days from seeding to maturity

\*no. of locations

**TESTING AREA III  
BARLEY  
AGRONOMIC DATA, 1995-96**

Cultivar	Yield t/ha (3)*	wt/hl kg (3)	Kernel weight g/1000 (3)	Height cm (3)	Lodging 0-9 (2)	Maturity <sup>a</sup> days (2)
AC Sterling	3.39	62.7	43.7	73	1.0	91
Belmore	3.89	64.0	44.9	69	0.3	91
Morrison	4.12	64.0	44.5	71	1.2	89
Viking	3.30	63.6	45.9	70	1.9	91
AC Alma	3.67	57.4	42.2	75	1.3	91
AC Hamilton	3.94	58.6	40.7	82	1.5	90
AC Nadia	4.09	58.3	35.1	81	0.8	91
AC Stephen	4.35	59.1	39.4	74	1.3	90
Chapais	4.00	58.0	44.9	67	1.9	90
Myriam	4.25	60.3	44.0	78	0.7	92
OAC Kippen	3.79	60.9	38.8	81	2.2	90
Sandrine	3.93	61.8	40.4	84	1.7	90

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

**AGRONOMIC DATA, 1993-96**

Cultivar	Yield t/ha (7)*	wt/hl kg (5)	Kernel weight g/1000 (5)	Height cm (7)	Lodging 0-9 (5)	Maturity <sup>a</sup> days (4)
AC Sterling	3.57	63.4	43.5	80	1.1	88
Morrison	3.80	64.6	43.9	76	1.6	87
AC Hamilton	4.20	60.1	40.4	86	1.7	88
AC Nadia	3.97	60.5	36.7	86	1.1	88
AC Stephen	4.26	60.8	38.5	80	1.3	87
Chapais	4.04	59.1	43.4	71	1.6	87
Myriam	4.34	61.7	42.7	81	0.7	88
OAC Kippen	3.83	62.6	38.6	86	1.7	87
Sandrine	4.19	62.6	39.1	88	1.3	87

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

**TESTING AREA III  
BARLEY  
Yield data for 1996**

Cultivar	Carlton I	Average			Rank
		t/ha	lbs/a	bu/a	
AC Erda	4389	4.39	3919	82	14
AC Sirius	3430	3.43	3063	64	16
AC Sterling	4589	4.59	4097	85	12
Belmore	4739	4.74	4231	88	10
Morrison	5488	5.49	4900	102	4
Viking	3671	3.67	3278	68	15
T103-003	1483	1.48	1324	28	17
AC Alma	4878	4.88	4355	91	9
AC Hamilton	5500	5.50	4911	102	3
AC Nadia	5726	5.73	5113	107	1
AC Stephen	5598	5.60	4998	104	2
AC Westech	4617	4.62	4122	86	11
Acca	5477	5.48	4890	102	5
Chapais	5228	5.23	4668	97	7
Myriam	5398	5.40	4820	100	6
OAC Kippen	4483	4.48	4003	83	13
Sandrine	5135	5.14	4585	96	8
MEAN	4696	4.70	4193	87	-
C.V. %	15.1	15.1	-	-	-
LSD (0.05)	1007.7	1.008	-	-	-

**TESTING AREA V & VI  
BARLEY  
AGRONOMIC DATA, 1996**

Cultivar	Yield t/ha (2)*	wt/hl kg (2)	Kernel weight g/1000 (2)	Height cm (2)	Lodging 0-9 (1)	Maturity <sup>a</sup> days (1)
AC Erda	6.00	63.6	43.9	81	5	98
AC Sirius	5.92	63.5	43.7	85	6	93
AC Sterling	5.78	64.5	43.6	87	5	100
Belmore	5.82	65.6	43.4	77	5	97
Morrison	6.19	65.7	41.8	81	5	98
Viking	6.07	66.2	43.4	82	4	99
AC Alma	6.94	59.1	43.4	88	3	101
AC Buffalo	6.29	59.5	38.3	90	3	101
AC Hamilton	6.40	58.6	38.6	91	6	101
AC Nadia	6.37	62.2	37.2	93	4	102
AC Stephen	6.01	61.2	37.2	96	6	101
AC Westech	6.03	60.7	36.2	85	5	100
ACCA	6.26	61.0	38.9	89	5	101
Chapais	6.45	59.1	43.0	76	3	101
Leger	6.45	61.2	36.4	96	5	101
Myriam	6.52	64.1	42.8	87	3	101
Sandrine	6.19	63.5	40.0	100	3	101
CDC Buck	5.54	63.2	33.9	92	6	101

<sup>a</sup>no. of days from seeding to maturity

\*no. of locations

**TESTING AREA V & VI  
BARLEY  
AGRONOMIC DATA, 1995-96**

Cultivar	Yield t/ha (7)*	wt/hl kg (7)	Kernel weight g/1000 (7)	Height cm (7)	Lodging 0-9 (3)	Maturity <sup>a</sup> days (5)
AC Sterling	4.36	64.1	40.5	79	2.0	92
Belmore	4.45	64.4	40.0	70	2.7	90
Morrison	4.83	65.1	40.2	73	2.3	90
Viking	4.22	65.0	40.7	75	2.0	91
AC Alma	4.97	58.4	41.4	76	1.3	92
AC Buffalo	4.70	58.5	36.9	82	2.3	91
AC Hamilton	5.09	58.8	39.0	83	2.7	92
AC Nadia	4.64	60.7	36.2	84	2.0	94
AC Stephen	4.79	61.8	38.3	84	2.7	91
Chapais	4.99	59.3	42.5	67	1.7	91
Leger	5.03	60.6	36.1	88	2.7	91
Myriam	4.71	62.9	40.7	80	2.0	92
Sandrine	5.01	63.1	38.4	88	1.3	92
CDC Buck	4.51	64.7	35.4	82	3.0	91

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

**AGRONOMIC DATA, 1993-96**

Cultivar	Yield t/ha (15)*	wt/hl kg (17)	Kernel weight g/1000 (17)	Height cm (17)	Lodging 0-9 (9)	Maturity <sup>a</sup> days (12)
AC Sterling	4.50	64.8	42.6	80	2.1	96
Morrison	4.83	65.2	41.8	75	2.2	96
AC Hamilton	5.04	59.5	39.9	84	3.0	97
AC Nadia	5.10	61.8	37.6	87	2.0	98
AC Stephen	4.85	61.6	37.5	84	2.7	96
Chapais	5.06	59.2	42.9	71	2.4	96
Leger	5.17	60.8	37.3	91	2.6	96
Myriam	5.22	62.9	41.8	82	2.2	96
Sandrine	5.11	62.7	38.8	90	2.2	96

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

**TESTING AREA V & VI**  
**BARLEY**  
**Yield data for 1996**

Cultivar	Temiskaming	Thunder Bay	Average			Rank
			t/ha	lb/a	bu/a	
AC Erda	4726	7283	6.00	5361	112	14
AC Sirius	5187	6649	5.92	5284	110	15
AC Sterling	4406	7156	5.78	5162	108	17
Belmore	4957	6677	5.82	5194	108	16
Morrison	5140	7243	6.19	5528	115	10
Viking	5336	6797	6.07	5417	113	11
AC Alma	5893	7980	6.94	6193	129	1
AC Buffalo	5166	7407	6.29	5613	117	7
AC Hamilton	5753	7040	6.40	5711	119	5
AC Nadia	4961	7784	6.37	5690	119	6
AC Stephen	5259	6751	6.01	5362	112	13
AC Westech	4959	7105	6.03	5386	112	12
ACCA	5501	7014	6.26	5587	116	8
Chapais	5407	7488	6.45	5757	120	3
Leger	5316	7580	6.45	5757	120	3
Myriam	5831	7208	6.52	5821	121	2
Sandrine	4859	7526	6.19	5529	115	9
CDC Buck	4834	6245	5.54	4946	103	18
MEAN	5194	7163	6.18	5517	115	-
C.V. %	9.56	7.68	8.6	-	-	-
LSD (0.05)	704	781	0.74	-	-	-



**INFORMATION ONLY - KAPUSKASING LOCATION  
TESTING AREA V & VI  
BARLEY  
AGRONOMIC DATA, 1996**

Cultivar	Yield t/ha	wt/hl kg	Kernel weight g/1000	Height cm	Maturity <sup>a</sup> days
AC Erda	3.67	70.7	41.5	59	101
AC Sirius	3.88	69.4	42.6	61	93
AC Sterling	3.50	70.7	42.2	67	100
Belmore	4.35	70.3	42.3	57	98
Morrison	4.08	72.6	42.8	63	100
Viking	3.92	70.2	41.9	55	101
AC Alma	3.52	65.2	39.7	51	96
AC Buffalo	4.30	65.2	36.5	61	97
AC Hamilton	4.22	64.6	36.9	68	99
AC Nadia	3.64	66.0	33.7	64	99
AC Stephen	3.98	67.1	35.8	64	97
AC Westech	4.25	67.1	36.8	58	98
ACCA	4.77	66.7	38.6	61	99
Chapais	3.90	66.5	41.7	46	96
Leger	4.35	68.3	35.4	68	99
Myriam	4.11	69.7	39.8	62	97
Sandrine	4.77	69.5	37.9	71	99
CDC Buck	3.53	76.7	33.3	60	95
MEAN	4.04	68.7	38.9	61	98
C.V. %	7.9	-	-	-	-
LSD (0.05)	455	-	-	-	-

<sup>a</sup> no. of days from seeding to maturity

**INFORMATION ONLY - EMO LOCATION  
TESTING AREA V & VI  
BARLEY  
AGRONOMIC DATA, 1996**

Cultivar	Yield t/ha	wt/hl kg	Kernel weight g/1000	Height cm	Maturity <sup>a</sup> days
AC Alma	4.52	54.0	41.0	78	97
AC Buffalo	4.87	57.0	38.8	85	86
AC Hamilton	4.73	57.0	38.0	82	92
AC Nadia	5.28	59.0	37.7	86	91
AC Stephen	5.41	62.0	37.5	86	87
AC Westech	4.98	62.0	38.6	77	92
ACCA	5.01	59.0	38.7	84	91
Chapais	4.90	67.0	42.7	70	91
Leger	4.96	60.0	35.6	84	91
Myriam	5.39	60.0	38.6	90	92
Sandrine	5.57	60.0	40.2	83	92
CDC Buck	4.64	69.0	35.0	75	92
MEAN	5.02	60.0	38.5	82	91
C.V. %	8.8	-	-	-	-
LSD (0.05)	639	-	-	-	-

<sup>a</sup> no. of days from seeding to maturity

## DESCRIPTION OF CULTIVARS IN PERFORMANCE TRIALS, 1996

## OATS

- AC Assiniboie (Robert 68(OT 275)) - a backcross of the crown rust resistance gene Pc68 into Robert developed by Agriculture Canada, Winnipeg. Registered in 1994.
- AC Francis (OA 961-1) - an oat developed by AAFC from a complex cross with Newman and other lines. Registered in 1996.
- AC Hunter (OA 804-5) - a white-hulled oat developed by Agriculture Canada, Ottawa from the cross 01146-9/OT210. Registered in 1992.
- AC Mustang (OT 766) - an oat cultivar developed by Agriculture Canada, Lacombe from the cross Cascade/Fraser. Registered in 1994.
- AC Rigodon (QO 256.39) - a white-hulled oat developed by Agriculture Canada, Ste-Foy from the cross Ogle//2897/Kent/3/QO174.19. Registered in 1992.
- AC Stewart (OA 796-15) - a yellow-hulled oat developed by Agriculture Canada, Ottawa from the cross 4\*Ogle/OT219. Registered in 1991.
- Donegal (TO 85025) - an oat developed by W.G. Thompson and Sons from the cross Ogle/QO183.3. Registered in 1991.
- Newman - a daylength insensitive white oat developed by AAFC from the cross Donald\*4/OT219. Registered in 1988.
- OAC Paisley (GA 891234) - a yellow-hulled oat cultivar developed by OAC from the cross Ogle/OA630-2. Registered in 1995.
- Robert - a tan-hulled oat developed by Agriculture Canada, Winnipeg from the cross OT212/RL3064. Registered in 1988.
- Ultima - an oat cultivar developed by Agriculture Canada (Ste. Foy), from the cross Manic//RL-2892/Kent. Registered in 1989.
- OA952-3 - an oat developed by AAFC from a complex cross with Ogle and other lines. Registered in 1996.
- NY79083-42 - an oat developed by Cornell University from the cross Ogle/Aurora II. Registered in 1996 by W.G. Thomson.
- TO92022 - an oat developed by W.G. Thompsons from a cross of QO220.9/OT239. Registered in 1996.
- AC Baton - a hulless oat developed by AAFC from the cross 04441/04102-297. Registered in 1994.
- AC Lotta (NO 820-3) - a hulless oat developed by Agriculture Canada, Ottawa from the cross 04186/OA501-1. AC Lotta is being marketed by C & M Seeds. Registered in 1991.

**OATS**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1996**

Cultivar	II & IV (3)**		III (1)		V & VI (1)		PROVINCE*** (5)	
	t/ha	Rank	t/ha	Rank	t/ha	Rank	t/ha	lbs/a
AC Assiniboie	5.03	1	4.40	2	5.46	9	4.99	4454
AC Francis	4.51	2	3.55	7	6.01	4	4.62	4125
AC Hunter	4.30	4	3.78	6	5.13	13	4.36	3893
AC Mustang	-	-	-	-	5.89	6	-	-
AC Rigodon	4.13	7	4.48	1	6.18	3	4.61	4116
AC Stewart	3.89	9	4.16	4	5.28	12	4.22	3770
Donegal	-	-	2.93	11	6.42	2	-	-
Newman	3.14	11	1.90	13	5.45	10	3.35	2995
OAC Paisley	4.26	5	4.15	5	7.12	1	4.81	4295
Robert	4.08	8	3.05	10	5.49	8	4.16	3711
Ultima	-	-	3.31	9	5.70	7	-	-
OA952-3	3.70	10	3.49	8	5.92	5	4.10	3663
NY79083-42	4.43	3	4.39	3	-	-	-	-
TO92022	4.24	6	2.72	12	5.44	11	4.18	3729
MEAN	4.16	-	3.56	-	5.81	-	4.37	3899
AC Baton <sup>1</sup>	1.94	2	1.99	1	3.47	2	2.26	2014
AC Lotta <sup>1</sup>	2.18	1	1.83	2	3.86	1	2.45	2184
MEAN <sup>1</sup>	2.06	-	1.91	-	3.67	-	2.35	2099

- \* See attached map  
 \*\* No. of locations  
 \*\*\* Weighted average  
<sup>1</sup> hulless oats

**OATS**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1996**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Assiniboie	121	124	94	114
AC Francis	109	100	103	106
AC Hunter	103	106	88	100
AC Mustang	-	-	101	-
AC Rigodon	99	126	106	105
AC Stewart	94	117	91	97
Donegal	-	82	110	-
Newman	75	53	94	77
OAC Paisley	102	117	123	110
Robert	98	86	94	95
Ultima	-	93	98	-
OA952-3	89	98	102	94
NY79083-42	106	123	-	-
TO92022	102	76	94	96
mean yield t/ha	4.16	3.56	5.81	4.37
AC Baton <sup>1</sup>	94	104	95	96
AC Lotta <sup>1</sup>	106	96	105	104
mean yield t/ha <sup>1</sup>	2.06	1.91	3.67	2.35

<sup>1</sup> hulless oats

**OATS**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1996**

Cultivar	II & IV (3)**		III (1)		V & VI (1)		PROVINCE*** (5)	
	t/ha	Rank	t/ha	Rank	t/ha	Rank	t/ha	lbs/a
AC Hunter	4.30	1	3.78	3	5.13	6	4.36	3893
AC Rigodon	4.13	2	4.48	1	6.18	2	4.61	4116
AC Stewart	3.89	4	4.16	2	5.28	5	4.22	3770
Donegal	-	-	2.93	6	6.42	1	-	-
Robert	4.08	3	3.05	5	5.49	4	4.16	3711
Ultima	-	-	3.31	4	5.70	3	-	-
mean	4.10	-	3.62	-	5.70	-	4.32	3860
AC Lotta <sup>1</sup>	2.18	1	1.83	1	3.86	1	2.45	2184

\* See attached map

\*\* No. of locations

\*\*\* Weighted average

<sup>1</sup> Hulless oats

**OATS**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1996**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Hunter	105	104	90	101
AC Rigodon	101	124	108	107
AC Stewart	95	115	93	98
Donegal	-	81	113	-
Robert	100	84	96	96
Ultima	-	91	100	-
mean yield t/ha	4.10	3.62	5.70	4.32
AC Lotta <sup>1</sup>	100	100	100	100
mean yield t/ha <sup>1</sup>	2.18	1.83	3.86	2.45

<sup>1</sup> hulless oats

**OATS**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1995-96**

Cultivar	II & IV (10)**		III (1)****		V & VI (6)		PROVINCE*** (17)	
	t/ha	Rank	t/ha	Rank	t/ha	Rank	t/ha	lbs/a
AC Assiniboie	4.07	1	4.40	2	4.51	3	4.24	3786
AC Hunter	3.84	3	3.78	5	4.45	6	4.05	3616
AC Mustang	-	-	-	-	4.49	5	-	-
AC Rigodon	3.55	6	4.48	1	4.61	2	3.98	3554
AC Stewart	3.75	4	4.16	3	3.77	9	3.78	3375
Donegal	-	-	2.93	8	4.69	1	-	-
OAC Paisley	3.96	2	4.15	4	4.45	6	4.15	3705
Robert	3.69	5	3.05	8	4.25	7	3.85	3438
Ultima	-	-	3.31	6	4.51	3	-	-
mean	3.81	-	3.78	-	4.41	-	4.02	3589
AC Lotta <sup>1</sup>	2.23	1	1.83	1	2.73	1	2.38	2125

\* See attached map

\*\* No. of locations

\*\*\* Weighted average

\*\*\*\* 1996 data only

<sup>1</sup> hulless oats

**OATS**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1995-96**

Cultivar	II & IV	III*	V & VI	PROVINCE
AC Assiniboie	107	116	102	105
AC Hunter	101	100	101	101
AC Mustang	-	-	102	-
AC Rigodon	93	119	105	99
AC Stewart	98	110	85	94
Donegal	-	78	106	-
OAC Paisley	104	110	101	103
Robert	97	81	96	96
Ultima	-	88	102	-
mean yield t/ha	3.81	3.78	4.41	4.02
AC Lotta <sup>1</sup>	100	100	100	100
mean yield t/ha <sup>1</sup>	2.23	1.83	2.73	2.38

<sup>1</sup> hulless oats

\* 1996 only

**OATS**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1991-96**

Cultivar	II & IV (28)**		III (13)****		V & VI (22)		PROVINCE*** (63)	
	t/ha	Rank	t/ha	Rank	t/ha	Rank	t/ha	lbs/a
AC Hunter	3.78	3	4.14	3	5.30	4	4.39	3920
AC Rigodon	3.79	2	4.28	2	5.60	1	4.52	4036
AC Stewart	3.78	3	4.09	5	4.76	6	4.19	3741
Donegal	-	-	4.10	4	5.53	2	-	-
Robert	3.89	1	4.09	5	5.15	5	4.37	3902
Ultima	-	-	4.38	1	5.50	3	-	-
mean	3.81	-	4.18	-	5.31	-	4.37	-
AC Lotta <sup>1</sup>	2.40	1	2.88	1	3.65	1	2.94	2625

\* See attached map

\*\* No. of locations

\*\*\* Weighted average

\*\*\*\* 1991-94, 1996 data only

<sup>1</sup> hullless oats

**OATS**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1991-96**

Cultivar	II & IV	III*	V & VI	PROVINCE
AC Hunter	99	99	100	100
AC Rigodon	99	102	105	103
AC Stewart	99	98	90	96
Donegal	-	98	104	-
Robert	102	98	97	100
Ultima	-	105	104	-
mean yield/ha	3.81	4.18	5.31	4.37
AC Lotta <sup>1</sup>	100	100	100	100
mean yield t/ha <sup>1</sup>	2.40	2.88	3.65	2.94

<sup>1</sup> hullless oats

\* 1991-94, 1996 data only



**TESTING AREA II & IV  
OATS  
AGRONOMIC DATA, 1996**

Cultivar	Yield t/ha (3)*	wt/hl kg (3)	Kernel weight g/1000 (3)	Height cm (2)	Lodging 0-9 (2)	Maturity <sup>a</sup> days (2)	Leaf Rust 0-9 (2)	Septoria 0-9 (1)
AC Assiniboie	5.03	47.5	41.8	110	1.8	95	0.3	1.0
AC Francis	4.51	45.4	38.5	103	4.8	95	0.0	5.0
AC Hunter	4.30	43.2	37.9	121	4.5	96	1.3	1.0
AC Rigodon	4.13	45.4	38.2	116	4.3	96	4.8	1.0
AC Stewart	3.89	41.8	37.5	109	3.0	94	5.3	4.0
Newman	3.14	41.8	39.2	113	5.8	93	6.5	8.0
OAC Paisley	4.26	42.1	36.0	112	2.8	95	4.3	3.0
Robert	4.08	46.1	38.0	106	1.3	95	2.0	2.0
OA952-3	3.70	41.8	34.9	112	3.5	96	5.3	3.0
NY79083-42	4.43	42.1	35.0	101	5.0	96	3.8	1.0
TO92022	4.24	39.4	35.8	107	0.3	96	4.0	1.0
AC Baton	1.94	47.3	25.9	115	2.3	95	6.3	3.0
AC Lotta	2.18	49.5	25.8	121	3.3	93	5.5	5.0

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

**AGRONOMIC DATA, 1995-96**

Cultivar	Yield t/ha (10)*	wt/hl kg (10)	Kernel weight g/1000 (10)	Height cm (8)	Lodging 0-9 (8)	Maturity <sup>a</sup> days (6)	Leaf Rust 0-9 (5)	Septoria 0-9 (4)
AC Assiniboie	4.07	47.2	37.7	96	2.5	91	0.1	3.9
AC Hunter	3.84	43.8	33.8	104	4.1	92	0.7	3.8
AC Rigodon	3.55	44.8	33.6	102	4.3	91	4.2	3.4
AC Stewart	3.75	44.3	36.5	92	3.4	87	5.0	4.8
OAC Paisley	3.96	44.2	34.5	95	1.9	89	4.3	4.7
Robert	3.69	46.4	35.0	94	2.6	91	1.1	4.2
AC Lotta	2.23	53.3	24.7	106	4.3	88	5.8	5.1

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

**TESTING AREA II & IV  
OATS  
AGRONOMIC DATA, 1991-96**

Cultivar	Yield t/ha (28)*	wt/hl kg (28)	Kernel weight g/1000 (28)	Height cm (25)	Lodging 0-9 (22)	Maturity <sup>a</sup> days (14)	Leaf Rust 0-9 (11)	Septoria 0-9 (19)
AC Hunter	3.78	44.0	35.2	109	3.5	93	0.2	4.8
AC Rigodon	3.79	46.2	35.0	107	3.6	92	2.7	3.5
AC Stewart	3.78	44.4	37.2	93	2.4	88	2.7	4.9
Robert	3.89	46.6	37.0	98	2.2	92	0.5	4.7
AC Lotta	2.40	53.6	25.5	108	3.2	90	3.8	4.7

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

**TESTING AREA II & IV  
OATS  
Yield data for 1996**

Cultivar	Huron I	Huron II	Wellington I	Average			Rank
				t/ha	lb/a	bu/a	
AC Assiniboie	5338	3696	6051	5.03	4490	132	1
AC Francis	4940	3141	5460	4.51	4030	119	2
AC Hunter	4940	3942	4006	4.30	3836	113	4
AC Rigodon	5145	3225	4028	4.13	3690	109	7
AC Stewart	4807	3367	3485	3.89	3470	102	9
Newman	4348	2793	2278	3.14	2803	82	11
OAC Paisley	5302	3345	4120	4.26	3800	112	5
Robert	5085	2858	4290	4.08	3641	107	8
OA952-3	4771	3053	3279	3.70	3304	97	10
NY79083-42	5217	3478	4608	4.43	3959	116	3
TO92022	5217	3646	3855	4.24	3785	111	6
AC Baton	3056	1298	1456	1.94	1729	-	13
AC Lotta	3273	1569	1702	2.18	1948	-	12
MEAN	4726	3032	3740	3.83	3422	-	-
C.V. %	6.8	10.1	7.3	8.1	-	-	-
LSD (0.05)	463	437	327	0.41	-	-	-

**TESTING AREA III  
OATS  
AGRONOMIC DATA, 1996**

Cultivar	Yield t/ha (1)*	wt/hl kg (1)	Kernel weight g/1000 (1)	Height cm (1)	Lodging 0-9 (1)	Maturity <sup>a</sup> days (-)	Leaf Rust 0-9 (1)
AC Assiniboie	4.40	56.5	40.0	102	1.3	-	0.0
AC Francis	3.55	57.1	39.2	97	6.8	-	0.0
AC Hunter	3.78	53.6	34.0	107	4.0	-	0.3
AC Rigodon	4.48	58.7	36.8	102	2.0	-	1.0
AC Stewart	4.16	53.6	40.4	94	2.8	-	1.0
Donegal	2.93	53.8	33.2	105	9.0	-	1.0
Newman	1.90	55.0	38.0	99	9.0	-	1.0
OAC Paisley	4.15	55.4	36.4	96	2.3	-	1.0
Robert	3.05	54.4	33.2	99	6.5	-	1.0
Ultima	3.31	53.0	28.8	99	3.5	-	1.0
OA952-3	3.49	54.0	34.8	98	7.5	-	1.0
NY79083-42	4.39	57.1	31.2	83	2.0	-	0.5
TO92022	2.72	46.6	32.0	98	9.0	-	1.0
AC Baton	1.99	56.6	34.8	102	7.0	-	1.0
AC Lotta	1.83	58.0	21.6	107	8.0	-	1.0

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

**AGRONOMIC DATA, 1995-96**

Cultivar	Yield t/ha** (1)*	wt/hl kg (2)	Kernel weight g/1000 (2)	Height cm (3)	Lodging 0-9 (2)	Maturity <sup>a</sup> days*** (1)
AC Assiniboie	4.40	59.4	38.6	91	2.7	97
AC Hunter	3.78	58.0	34.0	94	2.0	99
AC Rigodon	4.48	61.2	35.2	91	1.5	87
AC Stewart	4.16	54.9	37.6	83	1.4	83
Donegal	2.93	57.5	34.8	88	4.5	98
OAC Paisley	4.15	57.7	34.6	85	1.2	86
Robert	3.05	59.0	35.4	92	5.3	97
Ultima	3.31	57.1	30.8	88	1.8	98
AC Lotta	1.83	56.5	26.0	96	4.0	97

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

\*\* 1996 data only

\*\*\* 1995 data only

**TESTING AREA III  
OATS  
AGRONOMIC DATA, 1991-96**

Cultivar	Yield t/ha*** (13)*	wt/hl kg (14)	Kernel weight g/1000 (13)	Height cm (17)	Lodging 0-9 (9)	Maturity <sup>a</sup> days** (8)
AC Hunter	4.14	49.5	36.7	102	2.4	92
AC Rigodon	4.28	51.5	37.9	101	2.2	90
AC Stewart	4.09	48.7	39.3	90	1.8	88
Donegal	4.10	48.7	35.0	100	3.5	91
Robert	4.09	50.4	34.8	94	3.7	92
Ultima	4.38	48.9	34.3	95	2.2	91
AC Lotta	2.40	53.6	25.5	105	2.2	90

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

\*\* 1991-95 data only

\*\*\* 1991-94, 1996 data only

**TESTING AREA III  
OATS  
Yield data for 1996**

Cultivar	Carleton I	Average			Rank
		t/ha	lb/a	bu/a	
AC Assiniboie	4395	4.40	3924	115	2
AC Francis	3546	3.55	3166	93	7
AC Hunter	3784	3.78	3379	99	6
AC Rigodon	4478	4.48	3998	118	1
AC Stewart	4156	4.16	3711	109	4
Donegal	2926	2.93	2613	77	11
Newman	1901	1.90	1697	50	14
OAC Paisley	4150	4.15	3705	109	5
Robert	3051	3.05	2724	80	10
Ultima	3314	3.31	2959	87	9
OA952-3	3493	3.49	3119	92	8
NY79083-42	4389	4.39	3919	115	3
TO92022	2717	2.72	2426	71	12
AC Baton	1988	1.99	1775	-	13
AC Lotta	1833	1.83	1637	-	15
MEAN	3383	3.38	3021	-	-
C.V. %	11.5	11.5	-	-	-
LSD (0.05)	465	0.46	-	-	-

**TESTING AREA V & VI  
OATS  
AGRONOMIC DATA, 1996**

Cultivar	Yield t/ha (1)*	wt/hl kg (1)	Kernel weight g/1000 (1)	Height cm (1)	Lodging 0-9 (1)	Maturity <sup>a</sup> days (1)
AC Assiniboie	5.46	49.9	37.1	95	2.0	103
AC Francis	6.01	47.4	33.4	100	3.0	102
AC Hunter	5.13	47.4	34.6	100	4.0	102
AC Mustang	5.89	44.9	32.8	109	5.0	103
AC Rigodon	6.18	51.1	37.3	97	4.0	104
AC Stewart	5.28	46.1	39.1	92	3.0	102
Donegal	6.42	48.6	37.9	97	4.0	103
Newman	5.45	48.6	32.2	101	4.0	102
OAC Paisley	7.12	49.9	36.4	97	1.0	102
Robert	5.49	51.1	36.1	95	1.0	102
Ultima	5.70	47.4	31.9	96	3.0	102
OA952-3	5.92	46.1	33.3	94	3.0	103
TO92022	5.44	52.4	37.7	96	1.0	103
AC Baton	3.47	57.4	27.4	102	4.0	103
AC Lotta	3.86	58.6	31.4	106	1.0	102

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

**AGRONOMIC DATA, 1995-96**

Cultivar	Yield t/ha (6)*	wt/hl kg (6)	Kernel weight g/1000 (6)	Height cm (6)	Lodging 0-9 (2)	Maturity <sup>a</sup> days (4)
AC Assiniboie	4.51	44.0	34.8	89	1.0	98
AC Hunter	4.45	43.7	34.4	98	2.0	98
AC Mustang	4.49	41.9	33.8	96	3.0	97
AC Rigodon	4.61	45.1	36.3	92	3.0	98
AC Stewart	3.77	41.8	35.8	83	1.5	96
Donegal	4.69	45.0	35.9	94	2.5	97
OAC Paisley	4.45	41.5	34.0	86	0.5	96
Robert	4.25	45.4	34.7	87	0.5	98
Ultima	4.51	41.8	31.9	89	1.5	98
AC Lotta	2.73	50.4	29.0	97	2.0	97

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

**TESTING AREA V & VI  
OATS  
AGRONOMIC DATA, 1991-96**

Cultivar	Yield t/ha (22)*	wt/hl kg (25)	Kernel weight g/1000 (25)	Height cm (27)	Lodging 0-9 (16)	Maturity <sup>a</sup> days (21)
AC Hunter	5.30	47.7	35.9	105	2.5	105
AC Rigodon	5.60	49.0	38.2	102	2.9	105
AC Stewart	4.76	45.8	37.8	89	1.6	102
Donegal	5.53	47.6	37.8	102	2.7	105
Robert	5.15	47.8	38.0	95	1.8	105
Ultima	5.50	47.2	33.8	97	1.7	104
AC Lotta	3.65	54.1	31.2	107	2.1	104

<sup>a</sup> no. of days from seeding to maturity

\* no. of locations

**TESTING AREA V & VI  
OATS  
Yield data for 1996**

Cultivar	Temiskaming	Average			Rank
		t/ha	lb/a	bu/a	
AC Assiniboie	5456	5.46	4871	143	9
AC Francis	6008	6.01	5364	158	4
AC Hunter	5131	5.13	4581	135	13
AC Mustang	5885	5.89	5254	155	6
AC Rigodon	6175	6.18	5513	162	3
AC Stewart	5277	5.28	4712	139	12
Donegal	6424	6.42	5736	169	2
Newman	5453	5.45	4869	143	10
OAC Paisley	7118	7.12	6355	187	1
Robert	5489	5.49	4901	144	8
Ultima	5697	5.70	5087	150	7
OA952-3	5922	5.92	5288	156	5
TO92022	5435	5.44	4853	143	11
AC Baton	3467	3.47	3096	-	15
AC Lotta	3860	3.86	3446	-	14
MEAN	5520	5.52	4929	-	-
C.V. %	13.3	13.3	-	-	-
LSD (0.05)	1047	1.05	-	-	-

**INFORMATION ONLY - KAPUSKASING LOCATION**  
**TESTING AREA V & VI**  
**OATS**  
**AGRONOMIC DATA, 1996**

Cultivar	Yield t/ha	wt/hl kg	Kernel weight g/1000	Height cm	Lodging 0-9	Maturity <sup>a</sup> days
AC Assiniboie	5.40	51.7	36.9	91	1.0	101
AC Francis	4.88	51.4	37.8	94	2.5	104
AC Hunter	5.43	51.8	37.7	106	1.3	100
AC Mustang	5.57	54.5	39.2	106	1.5	100
AC Rigodon	5.60	55.3	41.1	101	1.0	100
AC Stewart	4.56	49.6	34.9	82	1.0	97
Donegal	5.77	50.7	40.9	103	1.0	100
Newman	4.67	54.2	38.3	95	2.5	97
OAC Paisley	5.44	50.7	35.4	88	1.0	102
Robert	5.27	52.2	38.7	93	1.0	101
Ultima	5.70	51.5	36.0	90	1.0	100
OA952-3	4.42	52.1	36.5	89	1.8	98
TO92022	5.41	50.0	36.3	87	1.0	101
AC Baton	3.79	63.8	33.8	100	1.0	99
AC Lotta	3.41	60.8	31.1	106	1.5	96
MEAN	5.02	53.4	37.0	95	1.3	100
C.V.%	6.9	-	-	-	-	-
LSD (0.05)	.50	-	-	-	-	-

<sup>a</sup> no. of days from seeding to maturity

**INFORMATION ONLY - EMO LOCATION  
TESTING AREA V & VI  
OATS  
AGRONOMIC DATA, 1996**

Cultivar	Yield t/ha	wt/hl kg	Kernel weight g/1000	Height cm	Lodging 0-9	Maturity <sup>a</sup> days
AC Assiniboie	5.17	53.0	38.9	101	4.0	92
AC Francis	4.92	41.0	31.4	108	6.0	94
AC Hunter	6.70	52.0	41.7	117	2.0	94
AC Mustang	6.94	48.0	37.7	113	1.0	91
AC Rigodon	5.79	48.0	37.7	106	6.0	94
AC Stewart	4.53	45.0	35.0	88	0.0	91
Donegal	6.55	49.0	34.0	113	6.0	92
Newman	4.17	45.0	33.7	102	7.0	92
OAC Paisley	5.97	46.0	35.0	98	2.0	99
Robert	5.10	48.0	38.5	105	2.0	92
Ultima	5.62	44.0	33.4	102	2.0	97
OA952-3	4.83	46.0	31.9	101	7.0	91
TO92022	6.13	49.0	38.6	102	1.0	96
AC Baton	3.43	58.0	39.5	107	1.0	92
AC Lotta	3.34	47.0	31.2	119	0.0	92
MEAN	5.28	47.9	35.9	105	3.0	93
C.V.%	15.1	-	-	-	-	-
LSD (0.05)	1.14	-	-	-	-	-

<sup>a</sup> no. of days from seeding to maturity



## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

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## LEGEND

YLD	-	YIELD (T/HA; 1 T/HA = 14.87 BU/AC)
TSTW	-	TEST WEIGHT (KG/HL)
KW	-	KERNEL WEIGHT (MG)
SUR	-	SURVIVAL (%)
LOG	-	LODGING
HGT	-	HEIGHT (CM)
HDT	-	HEADING DATE (DAYS FROM JAN.1)
MIL	-	MILDEW
LRS	-	LEAF RUST
SEP	-	SEPTORIA
GLB	-	GLUME BLOTCH
HBL	-	HEAD BLIGHT
SSM	-	SPINDLE STREAK MOSAIC VIRUS
BYD	-	BARLEY YELLOW DWARF VIRUS
SRS	-	STEM RUST
MDT	-	MATURITY DATE (DAYS FROM JAN.1)

## WHEAT CLASS ABBREVIATIONS

SRW	-	SOFT RED WINTER
SWW	-	SOFT WHITE WINTER

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## LOCATIONS ABBREVIATIONS

EA	ELORA
BH	BATH
CA	CENTRALIA
GH	GUELPH
HN	HARRISTON
HW	HARROW
ID	INWOOD
KE	KEMPTVILLE
LN	LONDON
MH	MORPETH
NN	NAIRN
O1	OTTAWA-1
O2	OTTAWA-2
RN	RIDGETOWN
WE	WOODSLEE
WK	WOODSTOCK
WP	WINTHROP

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

DESCRIPTION OF VARIETIES/LINES TESTED

Variety Name; class type: experimental designation - pedigree - breeder, institute  
- sponsor, distributor - date, number and type of registration.

- Harus;SWW: H1-11-3 - Fredrick/Yorkstar - A.Teich, Agriculture & Agri-Food Canada, Harrow, ON - SeCan - 04/85, 2518, Full Registration for Canada.
- Rebecca;SWW: TW839:3 - 1A36.78.72 (Colorado Composite)/Houser - L.Shugar, W.G.Thompson & Sons Ltd. - 05/1990, 3318, Full Registration for Canada.
- Zavitz;SWW: OAC85:7S - Houser/7/Domiano/GE/6/Burt//GE/CI12658/5/GE/4/K338AC.2.E2 /3/Burt//Vogel 53/GE - University of Guelph - First Line Seeds 03/1992, 3561, Full Registration for Canada
- Karena;SWW: TW85108 - Augusta/H11(Harus Bulk) L.Shugar, W.G.Thompson & Sons Ltd. - 05/1991, 3445, Full Registration for Canada.
- AC-Ron;SWW: H212-8 - Harus/Augusta - Teich, Agriculture & Agri-Food Canada, Harrow - SeCan - 03/95, 3552, Full Registration for Canada.
- OAC-Ariss;SWW: OAC87:22 - Yorkstar/Fredrick - University of Guelph - SeCan - 02/1995, 4061, Full Registration for Canada
- Delaware;SWW: TW86168 - Frankenmuth/Fredrick - L. Shugar, W.G.Thompson & Sons Ltd. - 05/1992, 3659, Full Registration for Canada.
- Casey;SRW: TW86312 - Fredrick/O-459-2//Augusta/O-472-3 - L. Shugar, W.G.Thompson & Sons Ltd. - 11/1992, 3660, Regional Registration for Eastern Canada.
- Diana;SWW: TW89225 - Ionia/2\*Ticonderoga//Aug - L.Shugar, W.G.Thompson & Sons Ltd. - 05/1996, 4347, Full Registration for Canada.
- Marilee;SWW: TW89204 - Yorkstar/Fredrick//Houser/3/OAC82-14 - L.Shugar, W.G.Thompson & Sons Ltd. - 12/1994, 4037, Full Registration for Canada.
- Freedom;SRW: GR876/4/Logan\*3/3/Va63-52-12/Loban//Blueboy-F2) - Ohio State University - C&M Seeds - 08/1995, I-180, Interim Regional Registration for Nfld, PEI, NS, NB, ON, PQ.
- PRCW9201;SWW: Proposed name AC Dexter - Houser/MiB5008 - Agriculture and Agri-Food Canada, Ottawa, ON - Supported for Registration in 01/96.
- PRCW9203;SWW: Proposed name AC Cartier - Lennox/Fredrick//Augusta - Agriculture and Agri-Food Canada, Ottawa, ON - Supported for Registration in 01/96.
- 2737W;SWW: Pioneer Hi-Bred International, Inc. Pioneer Hi-Bred Ltd., Chatham, ON. 07/1995, 4159, Full Registration for Canada
- 2510;SRW: Pioneer Hi-Bred International, Inc. Pioneer Hibred Ltd., Chatham, ON. 08/1995, 4165, Regional Registration for Nfld, PEI, NS, NB, ON, PQ.
- 25W33;SWW: - XW741 - Pioneer Hi-Bred International, Inc. Pioneer Hibred Ltd., Chatham, ON. - Supported for Registration in 01/96.
- Mendon;SRW: - Michigan State Univ. - W.G.Thompson & Sons Ltd. - 04/1996, 4302, Regional Registration for Nfld, PEI, NS, NB, ON, PQ.
- Dynasty;SRW: - B.E.1-5/Logan//Arthur/3/NY57262B-3B-23/TN1403 - Ohio State Univ. - C&M Seeds - 08/1995, I-179, Interim Regional Registration for Nfld, PEI, NS, NB, ON, PQ.
- F93012-M3;SRW: Ohio state University - Advantage Seed Growers & Processors - Supported for Registration in 01/96.

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX  
 YEAR(S) : 91-96  
 MGMT : NORMAL

KEY NAME	AREA I (21)*	AREA II (33)	AREA III (8)+	PROV.(62)**
1 HARUS;SWW	97.9	98.7	94.1	97.9
2 REBECCA;SWW	100.9	100.2	97.4	100.1
3 ZAVITZ;SWW	98.4	97.1	106.8	98.8
4 KARENA;SWW	98.7	98.8	100.7	99.0
5 AC-RON;SWW	102.7	103.3	101.4	102.9
6 OAC-ARISS;SWW	101.7	100.2	97.7	100.4
7 DELAWARE;SWW	97.6	101.3	100.3	99.9
9 DIANA;SWW	102.0	100.3	101.6	101.1
OVERALL MEAN	5.19	5.40	5.03	5.28

TRAIT : YIELD INDEX  
 YEAR(S) : 93-96  
 MGMT : NORMAL

KEY NAME	AREA I (12)*	AREA II (24)	AREA III (7)	PROV.(43)**
1 HARUS;SWW	98.6	99.0	93.7	98.0
2 REBECCA;SWW	101.4	100.6	97.9	100.4
3 ZAVITZ;SWW	97.5	97.1	106.0	98.7
4 KARENA;SWW	99.9	98.6	101.2	99.4
5 AC-RON;SWW	104.1	102.1	103.0	102.8
6 OAC-ARISS;SWW	102.1	100.1	96.6	100.1
7 DELAWARE;SWW	95.8	101.6	100.1	99.8
8 CASEY;SRW	101.8	101.4	100.1	101.3
9 DIANA;SWW	98.9	99.4	101.3	99.6
OVERALL MEAN	5.03	5.11	5.37	5.13

TRAIT : YIELD INDEX  
 YEAR(S) : 94-96  
 MGMT : NORMAL

KEY NAME	AREA I (11)*	AREA II (18)	AREA III (5)	PROV.(34)**
1 HARUS;SWW	98.1	95.7	94.0	96.2
2 REBECCA;SWW	101.7	100.6	98.9	100.7
3 ZAVITZ;SWW	97.1	95.8	103.4	97.3
4 KARENA;SWW	100.2	99.4	99.4	99.6
5 AC-RON;SWW	104.5	102.2	104.7	103.3
6 OAC-ARISS;SWW	102.0	101.0	94.0	100.3
7 DELAWARE;SWW	95.7	101.8	97.9	99.3
8 CASEY;SRW	100.7	100.0	100.5	100.3
9 DIANA;SWW	98.8	99.5	101.9	99.6
10 MARILEE;SWW	101.1	104.1	105.4	103.3
OVERALL MEAN	5.09	5.46	5.42	5.34

+ THERE ARE NO DATA FOR AREA 3 LOCATIONS IN 1992

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX  
 YEAR(S) : 95-96  
 MGMT : NORMAL

KEY NAME	AREA I (8)*	AREA II (12)	AREA III (3)	PROV. (23)**
1 HARUS;SWW	96.4	96.1	92.7	95.8
2 REBECCA;SWW	98.8	99.0	100.1	99.1
3 ZAVITZ;SWW	96.4	94.5	103.0	96.3
4 KARENA;SWW	99.0	98.7	96.4	98.5
5 AC-RON;SWW	104.4	101.3	104.2	102.8
6 OAC-ARISS;SWW	101.9	100.8	97.3	100.7
7 DELAWARE;SWW	94.1	101.6	102.4	99.1
8 CASEY;SRW	99.7	99.7	100.8	99.8
9 DIANA;SWW	96.5	97.4	100.3	97.5
10 MARILEE;SWW	99.8	104.1	100.5	102.2
11 FREEDOM;SRW	113.1	106.7	102.3	108.3
OVERALL MEAN	5.09	5.45	4.98	5.27

TRAIT : YIELD INDEX  
 YEAR(S) : 96  
 MGMT : NORMAL

KEY NAME	AREA I (4)*	AREA II (4)	AREA III (1)	PROV. (9)**
1 HARUS;SWW	89.2	93.6	89.9	91.2
2 REBECCA;SWW	94.3	98.0	97.0	96.2
3 ZAVITZ;SWW	91.0	98.2	96.5	94.8
4 KARENA;SWW	92.4	101.0	89.9	96.0
5 AC-RON;SWW	98.5	94.0	111.2	97.9
6 OAC-ARISS;SWW	99.6	100.4	92.8	99.2
7 DELAWARE;SWW	97.2	107.1	102.9	102.2
8 CASEY;SRW	90.4	98.5	101.9	95.3
9 DIANA;SWW	92.8	96.8	103.2	95.8
10 MARILEE;SWW	100.8	106.9	103.2	103.8
11 FREEDOM;SRW	108.9	109.0	99.2	107.8
12 PRCW9301;SWW	103.7	80.6	103.2	93.4
13 PRCW9303;SWW	99.5	100.2	102.1	100.1
14 2737W;SWW	110.1	92.3	118.0	103.1
15 2510;SRW	115.3	109.8	93.0	110.4
16 25W33;SWW	105.0	114.4	113.1	110.1
17 MENDON;SRW	112.0	101.5	92.6	105.2
18 DYNASTY;SRW	100.9	101.2	93.2	100.2
19 F93012-M3;SRW	98.4	96.7	97.2	97.5
OVERALL MEAN	4.32	4.53	5.15	4.51

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

TRAIT : YIELD  
 YEAR(S) : 91-96  
 MGMT : NORMAL

KEY NAME	AREA I (21)*	AREA II (33)	AREA III (8)+	PROV. (62)**
1 HARUS;SWW	5.09	5.31	4.75	5.16
2 REBECCA;SWW	5.24	5.42	4.92	5.30
3 ZAVITZ;SWW	5.05	5.24	5.34	5.19
4 KARENA;SWW	5.12	5.34	5.08	5.23
5 AC-RON;SWW	5.36	5.60	5.15	5.46
6 OAC-ARISS;SWW	5.30	5.41	4.86	5.30
7 DELAWARE;SWW	5.06	5.48	5.02	5.27
9 DIANA;SWW	5.29	5.44	5.13	5.35
OVERALL MEAN	5.19	5.40	5.03	5.28

TRAIT: YIELD INDEX

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (21)*	AREA II (33)	AREA III (8)+	PROV. (62)**
1 HARUS;SWW	97.9	98.7	94.1	97.9
2 REBECCA;SWW	100.9	100.2	97.4	100.1
3 ZAVITZ;SWW	98.4	97.1	106.8	98.8
4 KARENA;SWW	98.7	98.8	100.7	99.0
5 AC-RON;SWW	102.7	103.3	101.4	102.9
6 OAC-ARISS;SWW	101.7	100.2	97.7	100.4
7 DELAWARE;SWW	97.6	101.3	100.3	99.9
9 DIANA;SWW	102.0	100.3	101.6	101.1
OVERALL MEAN	5.19	5.40	5.03	5.28

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

+ THERE ARE NO DATA FOR AREA 3 LOCATIONS IN 1992

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

YEAR(S) : 91-96  
 MGMT : NORMAL  
 AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	6	5.09	73.2	37	86	1.0	101	155	1.7	3.7	4.4	5.0	2.4	.	2.0	.	196
2 REBECCA;SWW	4	5.24	71.6	36	82	2.2	98	156	2.3	4.6	3.6	2.3	1.9	.	2.6	.	198
3 ZAVITZ;SWW	8	5.05	70.1	40	88	2.5	106	158	2.0	1.7	4.2	2.3	1.9	.	1.4	.	197
4 KARENA;SWW	5	5.12	72.0	35	87	1.9	105	156	1.5	3.3	3.2	3.7	2.3	.	1.5	.	197
5 AC RON;SWW	1	5.36	71.0	35	89	1.8	104	156	2.2	4.1	4.1	3.3	3.1	.	1.5	.	196
6 OAC ARISS;SWW	2	5.30	73.6	33	89	1.7	96	157	2.0	4.7	3.5	3.8	1.5	.	1.9	.	196
7 DELAWARE;SWW	7	5.06	68.2	38	88	4.7	99	158	1.3	4.3	4.3	2.5	2.3	.	1.9	.	198
9 DIANA;SWW	3	5.29	70.6	33	87	1.7	102	156	2.0	3.7	4.0	2.8	2.9	.	1.3	.	196
LOCATIONS		21	14	13	6	14	22	20	15	14	5	3	7	0	7	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:

1991: HARROW, WOODSLEE, RIDGETOWN, MORPETH.

1992: HARROW, WOODSLEE, RIDGETOWN, MORPETH, INWOOD.

1993: RIDGETOWN.

1994: HARROW, RIDGETOWN, INWOOD.

1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S) : 91-96  
 MGMT : NORMAL  
 AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	7	5.31	72.8	36	90	1.0	101	162	1.1	3.8	4.2	5.2	2.8	3.3	1.7	3.2	199
2 REBECCA;SWW	4	5.42	71.2	36	92	1.8	97	163	1.5	3.9	3.6	1.7	2.0	5.1	2.4	3.3	202
3 ZAVITZ;SWW	8	5.24	69.9	40	93	2.4	106	164	1.6	1.7	4.0	2.4	1.7	3.4	2.1	2.8	201
4 KARENA;SWW	6	5.34	71.2	35	92	1.4	104	163	1.2	3.3	3.9	3.1	2.2	4.4	2.7	3.6	200
5 AC RON;SWW	1	5.60	70.8	35	93	1.9	103	163	1.6	4.0	3.7	2.9	3.9	3.1	2.4	4.4	200
6 OAC ARISS;SWW	5	5.41	71.4	33	92	1.5	97	164	1.6	4.8	4.0	3.0	2.5	2.9	2.1	3.2	201
7 DELAWARE;SWW	2	5.48	69.0	38	93	3.8	99	165	1.1	4.6	3.7	2.5	2.7	3.5	2.4	3.1	201
9 DIANA;SWW	3	5.44	69.9	33	92	1.5	101	163	1.5	3.1	4.1	2.2	3.6	3.9	2.1	3.9	200
LOCATIONS		33	35	35	17	25	34	26	16	8	17	6	5	3	3	5	8

YIELD AVERAGES WERE BASED ON DATA FROM:

1991: NAIRN, WOODSTOCK, ELORA, BATH.

1992: NAIRN, LONDON, WOODSTOCK, ELORA, BATH.

1993: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.

1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.

1995: NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON.

1996: LONDON, CENTRALIA, WOODSTOCK, ELORA .

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

YEAR(S): 91-96 +  
 MGMT : NORMAL  
 AREA : 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS;SWW	8	4.75	77.1	36	74	.7	97	166	1.8	.	.	.	.	.	.	.	.
2 REBECCA;SWW	6	4.92	75.6	36	84	1.7	94	167	2.7	.	.	.	.	.	.	.	.
3 ZAVITZ;SWW	1	5.34	75.0	44	84	1.3	101	167	1.9	.	.	.	.	.	.	.	.
4 KARENA;SWW	4	5.08	77.2	36	78	.7	100	166	.6	.	.	.	.	.	.	.	.
5 AC RON;SWW	2	5.15	75.6	36	82	.4	101	166	3.0	.	.	.	.	.	.	.	.
6 OAC ARISS;SWW	7	4.86	77.9	34	82	1.5	93	168	.6	.	.	.	.	.	.	.	.
7 DELAWARE;SWW	5	5.02	74.1	40	82	3.6	92	169	1.0	.	.	.	.	.	.	.	.
9 DIANA;SWW	3	5.13	75.2	33	82	1.8	99	167	.7	.	.	.	.	.	.	.	.
LOCATIONS		8	10	11	8	3	11	10	2	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1991: KEMPTVILLE

1992: THERE ARE NO YIELD DATA FOR AREA 3 LOCATIONS IN 1992.

1993: KEMPTVILLE, OTTAWA-1.

1994: KEMPTVILLE, OTTAWA-1.

1995: KEMPTVILLE, OTTAWA-1.

1996: OTTAWA-1.

YEAR(S): 91-96  
 MGMT : NORMAL  
 AREA(S): 1- 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS;SWW	8	5.16	73.6	36	85	1.0	100	160	1.4	3.8	4.3	5.1	2.6	3.3	1.9	3.2	199
2 REBECCA;SWW	3	5.30	72.1	36	88	1.9	97	161	1.9	4.4	3.6	1.9	1.9	5.1	2.5	3.3	201
3 ZAVITZ;SWW	7	5.19	70.8	41	90	2.4	105	162	1.8	1.7	4.1	2.4	1.8	3.4	1.6	2.8	201
4 KARENA;SWW	6	5.23	72.4	35	88	1.5	104	161	1.3	3.3	3.8	3.3	2.3	4.4	1.9	3.6	200
5 AC RON;SWW	1	5.46	71.7	35	90	1.8	103	161	1.9	4.0	3.8	3.0	3.4	3.1	1.8	4.4	199
6 OAC ARISS;SWW	3	5.30	73.0	33	89	1.6	96	162	1.7	4.8	3.9	3.3	1.9	2.9	2.0	3.2	200
7 DELAWARE;SWW	5	5.27	69.7	38	90	4.1	98	163	1.2	4.4	3.8	2.5	2.4	3.5	2.0	3.1	200
9 DIANA;SWW	2	5.35	71.0	33	89	1.6	101	162	1.7	3.4	4.1	2.4	3.2	3.9	1.5	3.9	199
LOCATIONS		62	59	59	31	42	67	56	33	22	22	9	12	3	10	5	10

YIELD AVERAGES WERE BASED ON DATA FROM:

1991: HARROW, WOODSLEE, RIDGETOWN, MORPETH, NAIRN, WOODSTOCK, ELORA, BATH, KEMPTVILLE

1992: HARROW, WOODSLEE, RIDGETOWN, MORPETH, INWOOD, NAIRN, LONDON, WOODSTOCK, ELORA, BATH.

1993: RIDGETOWN, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.

1994: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.

1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.

1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD, LONDON, CENTRALIA, WOODSTOCK, ELORA, OTTAWA-1.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

+ THERE ARE NO DATA FOR AREA 3 LOCATIONS IN 1992

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

TRAIT : YIELD  
 YEAR(S) : 93-96  
 MGMT : NORMAL

KEY NAME	AREA I (12)*	AREA II (24)	AREA III ( 7)	PROV.(43)**
1 HARUS;SWW	4.96	5.03	5.06	5.01
2 REBECCA;SWW	5.11	5.15	5.26	5.16
3 ZAVITZ;SWW	4.91	4.96	5.67	5.06
4 KARENA;SWW	5.03	5.05	5.43	5.11
5 AC-RON;SWW	5.26	5.24	5.53	5.29
6 OAC-ARISS;SWW	5.13	5.11	5.15	5.12
7 DELAWARE;SWW	4.79	5.20	5.35	5.11
8 CASEY;SRW	5.15	5.19	5.38	5.21
9 DIANA;SWW	4.97	5.10	5.47	5.12
OVERALL MEAN	5.03	5.11	5.37	5.13

TRAIT : YIELD INDEX

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (12)*	AREA II (24)	AREA III ( 7)	PROV.(43)**
1 HARUS;SWW	98.6	99.0	93.7	98.0
2 REBECCA;SWW	101.4	100.6	97.9	100.4
3 ZAVITZ;SWW	97.5	97.1	106.0	98.7
4 KARENA;SWW	99.9	98.6	101.2	99.4
5 AC-RON;SWW	104.1	102.1	103.0	102.8
6 OAC-ARISS;SWW	102.1	100.1	96.6	100.1
7 DELAWARE;SWW	95.8	101.6	100.1	99.8
8 CASEY;SRW	101.8	101.4	100.1	101.3
9 DIANA;SWW	98.9	99.4	101.3	99.6
OVERALL MEAN	5.03	5.11	5.37	5.13

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS



## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

YEAR(S) : 93-96  
 MGMT : NORMAL  
 AREA : 1

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS;SWW	7 4.96	72.1	35	79	.6	103	158	1.5	3.8	5.3	7.0	2.2	.	1.7	.	196
2 REBECCA;SWW	4 5.11	71.1	35	81	2.1	100	159	1.9	4.3	4.4	2.0	1.7	.	2.7	.	198
3 ZAVITZ;SWW	8 4.91	69.2	39	84	2.5	109	161	1.7	1.5	5.2	3.0	1.8	.	1.6	.	197
4 KARENA;SWW	5 5.03	71.1	33	85	1.6	107	159	1.5	3.3	3.5	5.0	2.2	.	1.4	.	197
5 AC RON;SWW	1 5.26	69.8	32	87	1.5	107	158	1.7	4.0	4.9	5.0	3.0	.	1.4	.	196
6 OAC ARISS;SWW	3 5.13	72.9	32	87	1.7	98	159	1.8	4.7	4.4	6.0	1.4	.	1.6	.	196
7 DELAWARE;SWW	9 4.79	67.2	36	87	5.1	102	161	1.0	3.6	5.4	2.0	1.9	.	1.7	.	198
8 CASEY;SRW	2 5.15	70.5	34	80	2.4	98	158	1.5	1.3	4.7	2.0	1.9	.	1.0	.	194
9 DIANA;SWW	6 4.97	69.6	31	84	1.6	104	159	1.7	3.5	4.6	2.0	2.8	.	1.8	.	196
LOCATIONS	12	9	9	3	9	13	12	10	8	3	1	5	0	4	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: RIDGETOWN.

1994: HARROW, RIDGETOWN, INWOOD.

1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S) : 93-96  
 MGMT : NORMAL  
 AREA : 2

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS;SWW	8 5.03	72.3	35	90	1.1	101	164	.9	3.6	3.8	4.8	2.8	4.0	1.3	3.2	199
2 REBECCA;SWW	4 5.15	70.6	35	91	2.2	97	166	1.5	3.7	3.3	1.7	2.0	5.8	1.8	3.3	202
3 ZAVITZ;SWW	9 4.96	68.9	40	92	2.8	106	166	1.5	1.5	3.7	2.3	1.7	4.3	2.2	2.8	201
4 KARENA;SWW	7 5.05	70.5	34	92	1.5	104	165	1.1	3.0	3.5	3.1	2.2	5.7	2.3	3.6	200
5 AC RON;SWW	1 5.24	70.0	34	92	2.0	103	165	1.5	3.8	3.4	3.0	3.9	3.7	2.7	4.4	200
6 OAC ARISS;SWW	5 5.11	72.2	33	90	1.7	96	166	1.5	4.3	3.6	3.1	2.5	3.3	1.9	3.2	201
7 DELAWARE;SWW	2 5.20	68.3	37	92	4.1	98	167	1.1	4.4	3.4	2.5	2.7	3.7	2.3	3.1	201
8 CASEY;SRW	3 5.19	70.3	35	92	2.0	97	164	1.2	3.1	3.8	3.7	3.7	3.7	1.4	3.4	199
9 DIANA;SWW	6 5.10	69.1	32	91	1.8	102	166	1.3	2.7	3.7	2.6	3.6	4.8	1.9	3.9	200
LOCATIONS	24	26	26	13	19	25	20	15	5	14	5	5	2	2	5	8

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.

1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.

1995: NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON.

1996: LONDON, CENTRALIA, WOODSTOCK, ELORA .

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

YEAR(S): 93-96  
 MGMT : NORMAL  
 AREA : 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS;SWW	9	5.06	77.2	37	77	.7	100	168	1.8	.	.	.	.	.	.	.	.
2 REBECCA;SWW	7	5.26	75.8	37	83	1.7	97	168	2.7	.	.	.	.	.	.	.	.
3 ZAVITZ;SWW	1	5.67	75.2	45	89	1.3	105	169	1.9	.	.	.	.	.	.	.	.
4 KARENA;SWW	4	5.43	77.7	37	79	.7	102	168	.6	.	.	.	.	.	.	.	.
5 AC RON;SWW	2	5.53	75.9	36	85	.4	104	168	3.0	.	.	.	.	.	.	.	.
6 OAC ARISS;SWW	8	5.15	78.0	34	83	1.5	95	170	.6	.	.	.	.	.	.	.	.
7 DELAWARE;SWW	6	5.35	74.1	40	87	3.6	96	170	1.0	.	.	.	.	.	.	.	.
8 CASEY;SRW	5	5.38	77.0	37	78	1.3	92	168	1.2	.	.	.	.	.	.	.	.
9 DIANA;SWW	3	5.47	75.5	34	85	1.8	102	169	.7	.	.	.	.	.	.	.	.
LOCATIONS		7	7	8	6	3	8	8	2	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: KEMPTVILLE, OTTAWA-1.

1994: KEMPTVILLE, OTTAWA-1.

1995: KEMPTVILLE, OTTAWA-1.

1996: OTTAWA-1.

YEAR(S): 93-96  
 MGMT : NORMAL  
 AREA(S): 1- 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS;SWW	9	5.01	73.0	36	85	.9	102	163	1.2	3.7	4.1	5.2	2.5	4.0	1.5	3.2	199
2 REBECCA;SWW	3	5.16	71.6	36	88	2.1	98	164	1.7	4.1	3.5	1.7	1.8	5.8	2.4	3.3	201
3 ZAVITZ;SWW	8	5.06	70.0	40	90	2.6	107	165	1.6	1.5	4.0	2.4	1.8	4.3	1.8	2.8	201
4 KARENA;SWW	6	5.11	71.8	35	87	1.5	105	164	1.2	3.2	3.5	3.4	2.2	5.7	1.7	3.6	200
5 AC RON;SWW	1	5.29	71.0	34	89	1.7	104	164	1.7	4.0	3.7	3.4	3.5	3.7	1.8	4.4	199
6 OAC ARISS;SWW	4	5.12	73.3	33	88	1.6	97	165	1.5	4.6	3.7	3.6	2.0	3.3	1.7	3.2	200
7 DELAWARE;SWW	6	5.11	69.0	38	90	4.4	99	166	1.1	3.9	3.8	2.5	2.3	3.7	1.9	3.1	200
8 CASEY;SRW	2	5.21	71.5	35	86	2.1	96	163	1.3	2.0	4.0	3.4	2.8	3.7	1.1	3.4	198
9 DIANA;SWW	4	5.12	70.3	32	88	1.8	103	164	1.4	3.2	3.9	2.5	3.2	4.8	1.8	3.9	199
LOCATIONS		43	42	43	22	31	46	40	27	13	17	6	10	2	6	5	10

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: RIDGETOWN, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.

1994: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.

1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.

1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD, LONDON, CENTRALIA, WOODSTOCK, ELORA, OTTAWA-1.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

TRAIT : YIELD  
 YEAR(S) : 94-96  
 MGMT : NORMAL

KEY NAME	AREA I (11)*	AREA II (18)	AREA III ( 5)	PROV.(34)**
1 HARUS;SWW	5.00	5.23	5.12	5.14
2 REBECCA;SWW	5.19	5.50	5.35	5.38
3 ZAVITZ;SWW	4.96	5.25	5.59	5.21
4 KARENA;SWW	5.11	5.42	5.41	5.32
5 AC-RON;SWW	5.34	5.59	5.68	5.52
6 OAC-ARISS;SWW	5.19	5.49	5.08	5.33
7 DELAWARE;SWW	4.85	5.56	5.30	5.29
8 CASEY;SRW	5.18	5.49	5.44	5.38
9 DIANA;SWW	5.03	5.44	5.54	5.32
10 MARILEE;SWW	5.08	5.65	5.70	5.47
OVERALL MEAN	5.09	5.46	5.42	5.34

TRAIT : YIELD INDEX

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (11)*	AREA II (18)	AREA III ( 5)	PROV.(34)**
1 HARUS;SWW	98.1	95.7	94.0	96.2
2 REBECCA;SWW	101.7	100.6	98.9	100.7
3 ZAVITZ;SWW	97.1	95.8	103.4	97.3
4 KARENA;SWW	100.2	99.4	99.4	99.6
5 AC-RON;SWW	104.5	102.2	104.7	103.3
6 OAC-ARISS;SWW	102.0	101.0	94.0	100.3
7 DELAWARE;SWW	95.7	101.8	97.9	99.3
8 CASEY;SRW	100.7	100.0	100.5	100.3
9 DIANA;SWW	98.8	99.5	101.9	99.6
10 MARILEE;SWW	101.1	104.1	105.4	103.3
OVERALL MEAN	5.09	5.46	5.42	5.34

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

YEAR(S): 94-96  
 MGMT : NORMAL  
 AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	8	5.00	72.2	36	79	.6	103	158	1.5	3.8	5.3	7.0	2.4	.	.6	.	196
2 REBECCA;SWW	2	5.19	71.5	36	81	2.1	101	159	2.0	4.5	4.4	2.0	2.3	.	2.2	.	198
3 ZAVITZ;SWW	9	4.96	69.4	39	84	2.5	110	161	1.8	1.3	5.2	3.0	2.4	.	.8	.	197
4 KARENA;SWW	5	5.11	71.5	34	85	1.6	107	159	1.7	3.3	3.5	5.0	2.8	.	.8	.	197
5 AC RON;SWW	1	5.34	70.3	33	87	1.5	107	159	1.8	4.1	4.9	5.0	4.3	.	.8	.	196
6 OAC ARISS;SWW	2	5.19	73.2	33	87	1.8	98	159	1.8	4.9	4.4	6.0	2.1	.	.9	.	196
7 DELAWARE;SWW	10	4.85	67.5	37	87	5.4	103	161	1.0	3.7	5.4	2.0	2.8	.	.6	.	198
8 CASEY;SRW	4	5.18	70.2	34	80	2.3	99	158	1.6	1.1	4.7	2.0	2.0	.	.3	.	194
9 DIANA;SWW	7	5.03	69.7	32	84	1.6	105	160	1.7	3.6	4.6	2.0	3.6	.	1.2	.	196
10 MARILEE;SWW	6	5.08	70.0	38	76	1.2	103	161	2.3	5.2	4.3	2.0	2.9	.	1.7	.	198
LOCATIONS		11	8	8	3	8	11	10	9	6	3	1	3	0	3	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:

1994: HARROW, RIDGETOWN, INWOOD.

1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S): 94-96  
 MGMT : NORMAL  
 AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	10	5.23	73.6	37	88	1.0	101	163	.7	2.9	3.9	4.8	2.8	4.0	.	.3	199
2 REBECCA;SWW	4	5.50	72.5	38	90	2.5	97	165	1.2	2.8	3.5	1.7	2.0	5.8	.	.8	202
3 ZAVITZ;SWW	9	5.25	70.6	41	90	2.8	107	165	1.1	1.3	3.7	2.3	1.7	4.3	.	1.3	201
4 KARENA;SWW	8	5.42	72.7	37	90	1.6	105	165	.9	2.5	3.6	3.1	2.2	5.7	.	2.1	200
5 AC RON;SWW	2	5.59	72.0	37	91	1.9	104	164	1.1	3.0	3.7	3.0	3.9	3.7	.	3.3	200
6 OAC ARISS;SWW	5	5.49	74.4	35	89	1.8	96	165	1.2	3.4	3.5	3.1	2.5	3.3	.	.8	201
7 DELAWARE;SWW	3	5.56	70.2	40	91	4.5	99	166	.8	3.4	3.4	2.5	2.7	3.7	.	.3	201
8 CASEY;SRW	5	5.49	71.8	37	90	2.2	97	164	1.1	2.2	3.8	3.7	3.7	3.7	.	.5	199
9 DIANA;SWW	7	5.44	70.9	34	89	2.1	101	165	1.1	2.4	3.9	2.6	3.6	4.8	.	.8	200
10 MARILEE;SWW	1	5.65	71.1	40	86	1.7	99	166	1.3	3.2	3.8	2.8	2.6	2.8	.	.0	202
LOCATIONS		18	19	19	11	15	18	15	13	4	10	5	5	2	0	1	8

YIELD AVERAGES WERE BASED ON DATA FROM:

1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.

1995: NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON.

1996: LONDON, CENTRALIA, WOODSTOCK, ELORA .

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

YEAR(S): 94-96  
 MGMT : NORMAL  
 AREA : 3

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	9	5.12	76.2	36	79	1.0	99	168	1.8	.	.	.	.	.	.	.	.
2 REBECCA;SWW	7	5.35	75.2	37	82	2.5	96	168	2.7	.	.	.	.	.	.	.	.
3 ZAVITZ;SWW	3	5.59	73.9	43	89	2.0	103	169	1.9	.	.	.	.	.	.	.	.
4 KARENA;SWW	6	5.41	76.7	37	79	1.0	100	169	.6	.	.	.	.	.	.	.	.
5 AC RON;SWW	2	5.68	75.2	36	87	.6	101	168	3.0	.	.	.	.	.	.	.	.
6 OAC ARISS;SWW	10	5.08	77.3	34	82	1.5	92	170	.6	.	.	.	.	.	.	.	.
7 DELAWARE;SWW	8	5.30	73.0	39	86	4.7	95	170	1.0	.	.	.	.	.	.	.	.
8 CASEY;SRW	5	5.44	76.2	36	80	2.0	92	168	1.2	.	.	.	.	.	.	.	.
9 DIANA;SWW	4	5.54	74.3	34	86	2.0	100	169	.7	.	.	.	.	.	.	.	.
10 MARILEE;SWW	1	5.70	74.0	39	82	.6	99	169	4.0	.	.	.	.	.	.	.	.
LOCATIONS	5	5	6	4	2	6	6	2	0	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1994: KEMPTVILLE, OTTAWA-1.  
 1995: KEMPTVILLE, OTTAWA-1.  
 1996: OTTAWA-1.

YEAR(S): 94-96  
 MGMT : NORMAL  
 AREA(S): 1- 3

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	10	5.14	73.7	37	85	.9	101	162	1.1	3.5	4.2	5.2	2.6	4.0	.6	.3	199
2 REBECCA;SWW	3	5.38	72.6	37	87	2.3	98	164	1.6	3.8	3.7	1.7	2.1	5.8	2.2	.8	201
3 ZAVITZ;SWW	9	5.21	70.8	41	89	2.6	107	164	1.4	1.3	4.1	2.4	2.0	4.3	.8	1.3	201
4 KARENA;SWW	6	5.32	73.0	36	87	1.5	105	164	1.2	3.0	3.6	3.4	2.4	5.7	.8	2.1	200
5 AC RON;SWW	1	5.52	72.1	36	89	1.7	104	163	1.5	3.7	4.0	3.4	4.1	3.7	.8	3.3	199
6 OAC ARISS;SWW	5	5.33	74.5	34	87	1.8	96	164	1.4	4.3	3.7	3.6	2.4	3.3	.9	.8	200
7 DELAWARE;SWW	8	5.29	69.9	39	89	4.8	99	165	.9	3.6	3.8	2.5	2.7	3.7	.6	.3	200
8 CASEY;SRW	3	5.38	72.1	36	86	2.2	97	163	1.3	1.5	4.0	3.4	3.1	3.7	.3	.5	198
9 DIANA;SWW	6	5.32	71.2	34	88	1.9	102	164	1.3	3.1	4.0	2.5	3.6	4.8	1.2	.8	199
10 MARILEE;SWW	2	5.47	71.3	39	84	1.5	100	165	1.9	4.4	3.9	2.7	2.7	2.8	1.7	.0	201
LOCATIONS	34	32	33	18	25	35	31	24	10	13	6	8	2	3	1	10	

YIELD AVERAGES WERE BASED ON DATA FROM:

1994: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.  
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.  
 1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD, LONDON, CENTRALIA, WOODSTOCK, ELORA, OTTAWA-1.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

TRAIT : YIELD  
 YEAR(S) : 95-96  
 MGMT : NORMAL

KEY NAME	AREA I (8)*	AREA II (12)	AREA III (3)	PROV.(23)**
1 HARUS;SWW	4.93	5.23	4.62	5.05
2 REBECCA;SWW	5.05	5.40	4.99	5.22
3 ZAVITZ;SWW	4.94	5.18	5.12	5.09
4 KARENA;SWW	5.05	5.37	4.80	5.19
5 AC-RON;SWW	5.35	5.54	5.21	5.43
6 OAC-ARISS;SWW	5.19	5.48	4.86	5.30
7 DELAWARE;SWW	4.76	5.53	5.10	5.20
8 CASEY;SRW	5.15	5.48	5.02	5.30
9 DIANA;SWW	4.91	5.33	5.01	5.14
10 MARILEE;SWW	4.99	5.63	5.00	5.33
11 FREEDOM;SRW	5.68	5.79	5.09	5.66
OVERALL MEAN	5.09	5.45	4.98	5.27

TRAIT : YIELD INDEX

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (8)*	AREA II (12)	AREA III (3)	PROV.(23)**
1 HARUS;SWW	96.4	96.1	92.7	95.8
2 REBECCA;SWW	98.8	99.0	100.1	99.1
3 ZAVITZ;SWW	96.4	94.5	103.0	96.3
4 KARENA;SWW	99.0	98.7	96.4	98.5
5 AC-RON;SWW	104.4	101.3	104.2	102.8
6 OAC-ARISS;SWW	101.9	100.8	97.3	100.7
7 DELAWARE;SWW	94.1	101.6	102.4	99.1
8 CASEY;SRW	99.7	99.7	100.8	99.8
9 DIANA;SWW	96.5	97.4	100.3	97.5
10 MARILEE;SWW	99.8	104.1	100.5	102.2
11 FREEDOM;SRW	113.1	106.7	102.3	108.3
OVERALL MEAN	5.09	5.45	4.98	5.27

\* # OF LOCATIONS  
 \*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

YEAR(S) : 95-96  
 MGMT : NORMAL  
 AREA : 1

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRs	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS;SWW	9	4.93	71.7	36	79	.4	104	159	1.1	3.3	4.9	.	3.5	.	.6	.	196
2 REBECCA;SWW	5	5.05	70.8	36	81	1.9	102	159	1.8	4.3	3.5	.	3.0	.	2.2	.	198
3 ZAVITZ;SWW	8	4.94	68.6	39	84	2.7	111	161	1.3	1.4	5.8	.	3.5	.	.8	.	197
4 KARENA;SWW	5	5.05	70.7	34	85	1.5	108	159	1.6	3.4	3.3	.	4.0	.	.8	.	197
5 AC RON;SWW	2	5.35	70.0	33	87	1.2	109	158	1.7	3.9	5.4	.	6.3	.	.8	.	196
6 OAC ARISS;SWW	3	5.19	72.6	32	87	2.2	101	160	1.6	4.9	3.6	.	3.0	.	.9	.	196
7 DELAWARE;SWW	11	4.76	66.9	37	87	5.3	104	161	.8	4.0	5.1	.	4.0	.	.6	.	198
8 CASEY;SRW	4	5.15	69.7	34	80	2.8	100	159	1.0	.9	5.0	.	3.0	.	.3	.	194
9 DIANA;SWW	10	4.91	68.7	31	84	2.1	107	160	1.3	3.6	3.9	.	5.3	.	1.2	.	196
10 MARILEE;SWW	7	4.99	69.9	38	76	1.1	104	161	2.3	5.3	3.4	.	4.0	.	1.7	.	198
11 FREEDOM;SRW	1	5.68	71.7	33	81	1.5	98	158	1.3	.5	4.9	.	3.0	.	.3	.	199
LOCATIONS		8	6	6	3	6	8	7	6	4	2	0	2	0	3	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:  
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.  
 1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S) : 95-96  
 MGMT : NORMAL  
 AREA : 2

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRs	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS;SWW	10	5.23	73.0	37	89	1.1	105	162	.6	3.2	4.5	1.6	3.3	6.0	.	.3	199
2 REBECCA;SWW	7	5.40	72.0	37	89	3.1	100	164	1.1	3.3	4.1	.4	2.2	8.0	.	.8	202
3 ZAVITZ;SWW	11	5.18	70.4	41	89	2.8	111	164	1.0	1.6	4.2	.6	2.0	5.0	.	1.3	201
4 KARENA;SWW	8	5.37	72.1	36	90	1.6	108	164	.5	3.0	4.1	.8	2.4	8.0	.	2.1	200
5 AC RON;SWW	3	5.54	71.0	36	91	2.1	108	163	.9	3.4	4.5	.6	4.6	6.0	.	3.3	200
6 OAC ARISS;SWW	5	5.48	73.8	34	89	2.2	101	164	1.1	3.8	4.2	.6	2.9	5.3	.	.8	201
7 DELAWARE;SWW	4	5.53	69.3	39	91	5.6	101	165	.8	3.4	3.7	.9	3.1	3.7	.	.3	201
8 CASEY;SRW	5	5.48	71.6	37	89	2.6	100	163	.8	2.3	3.8	.9	4.2	4.3	.	.5	199
9 DIANA;SWW	9	5.33	70.3	34	88	2.6	105	164	1.1	2.8	4.5	.8	4.2	6.7	.	.8	200
10 MARILEE;SWW	2	5.63	70.6	39	84	2.2	103	165	1.3	3.6	4.3	1.3	3.0	1.0	.	.0	202
11 FREEDOM;SRW	1	5.79	73.0	34	85	2.5	99	163	.6	.5	3.6	1.8	2.6	4.3	.	.0	200
LOCATIONS		12	13	13	7	10	12	11	10	3	6	1	4	1	0	1	8

YIELD AVERAGES WERE BASED ON DATA FROM:  
 1995: NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON.  
 1996: LONDON, CENTRALIA, WOODSTOCK, ELORA .

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

YEAR(S): 95-96  
 MGMT : NORMAL  
 AREA : 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS;SWW	11	4.62	74.5	35	76	2.0	96	161	1.4	.	.	.	.	.	.	.	.
2 REBECCA;SWW	8	4.99	73.6	36	78	4.0	93	162	2.3	.	.	.	.	.	.	.	.
3 ZAVITZ;SWW	2	5.12	72.6	42	85	4.0	100	162	1.8	.	.	.	.	.	.	.	.
4 KARENA;SWW	10	4.80	74.8	35	72	2.0	95	163	.9	.	.	.	.	.	.	.	.
5 AC RON;SWW	1	5.21	73.9	35	86	1.0	99	161	2.1	.	.	.	.	.	.	.	.
6 OAC ARISS;SWW	9	4.86	76.3	33	79	1.0	90	163	.3	.	.	.	.	.	.	.	.
7 DELAWARE;SWW	3	5.10	71.5	37	82	5.0	92	164	1.3	.	.	.	.	.	.	.	.
8 CASEY;SRW	5	5.02	74.8	35	76	3.0	89	162	.4	.	.	.	.	.	.	.	.
9 DIANA;SWW	6	5.01	72.7	34	82	4.0	98	163	.4	.	.	.	.	.	.	.	.
10 MARILEE;SWW	7	5.00	72.2	37	78	1.0	96	163	1.9	.	.	.	.	.	.	.	.
11 FREEDOM;SRW	4	5.09	73.7	36	77	3.0	90	161	.6	.	.	.	.	.	.	.	.
LOCATIONS		3	3	4	3	1	4	4	1	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:  
 1995: KEMPTVILLE, OTTAWA-1.  
 1996: OTTAWA-1.

YEAR(S): 95-96  
 MGMT : NORMAL  
 AREA(S): 1- 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS;SWW	11	5.05	72.9	36	84	.9	103	161	.8	3.2	4.6	1.6	3.4	6.0	.6	.3	199
2 REBECCA;SWW	6	5.22	71.9	36	85	2.8	100	162	1.4	3.9	4.0	.4	2.5	8.0	2.2	.8	201
3 ZAVITZ;SWW	10	5.09	70.2	41	87	2.9	109	163	1.2	1.5	4.6	.6	2.5	5.0	.8	1.3	201
4 KARENA;SWW	8	5.19	72.1	35	85	1.6	106	162	.9	3.2	3.9	.8	2.9	8.0	.8	2.1	200
5 AC RON;SWW	2	5.43	71.1	35	89	1.8	106	161	1.3	3.7	4.7	.6	5.1	6.0	.8	3.3	199
6 OAC ARISS;SWW	4	5.30	73.8	33	87	2.1	99	163	1.2	4.4	4.1	.6	2.9	5.3	.9	.8	200
7 DELAWARE;SWW	7	5.20	69.0	38	88	5.5	101	164	.8	3.7	4.0	.9	3.4	3.7	.6	.3	200
8 CASEY;SRW	4	5.30	71.5	36	84	2.7	98	161	.9	1.5	4.1	.9	3.8	4.3	.3	.5	198
9 DIANA;SWW	9	5.14	70.2	33	86	2.5	104	162	1.1	3.3	4.4	.8	4.5	6.7	1.2	.8	199
10 MARILEE;SWW	3	5.33	70.6	38	81	1.7	102	163	1.7	4.5	4.0	1.3	3.3	1.0	1.7	.0	201
11 FREEDOM;SRW	1	5.66	72.8	34	82	2.2	97	161	.9	.5	4.0	1.8	2.7	4.3	.3	.0	200
LOCATIONS		23	22	23	13	17	24	22	17	7	8	1	6	1	3	1	10

YIELD AVERAGES WERE BASED ON DATA FROM:  
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, CENTRALIA,  
 WOODSTOCK, GUELPH, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.  
 1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD, LONDON, CENTRALIA, WOODSTOCK, ELORA, OTTAWA-1.

\* DAYS FROM JAN.1  
 A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS



## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

TRAIT : YIELD  
 YEAR : 96  
 MGMT : NORMAL

KEY NAME	AREA I (4)*	AREA II (4)	AREA III (1)	PROV.(9)**
1 HARUS;SWW	3.83	4.23	4.63	4.10
2 REBECCA;SWW	4.12	4.43	5.00	4.36
3 ZAVITZ;SWW	3.98	4.46	4.97	4.30
4 KARENA;SWW	3.97	4.55	4.63	4.30
5 AC-RON;SWW	4.32	4.28	5.73	4.46
6 OAC-ARISS;SWW	4.34	4.53	4.78	4.47
7 DELAWARE;SWW	4.27	4.89	5.30	4.66
8 CASEY;SRW	3.95	4.51	5.25	4.34
9 DIANA;SWW	4.03	4.40	5.32	4.34
10 MARILEE;SWW	4.29	4.81	5.32	4.64
11 FREEDOM;SRW	4.59	4.90	5.11	4.79
12 PRCW9301;SWW	4.51	3.61	5.32	4.20
13 PRCW9303;SWW	4.35	4.53	5.26	4.53
14 2737W;SWW	4.73	4.16	6.08	4.63
15 2510;SRW	4.92	4.94	4.79	4.92
16 25W33;SWW	4.50	5.23	5.83	4.97
17 MENDON;SRW	4.86	4.59	4.77	4.73
18 DYNASTY;SRW	4.21	4.56	4.80	4.43
19 F93012-M3;SRW	4.27	4.51	5.01	4.46
OVERALL MEAN	4.32	4.53	5.15	4.51

TRAIT : YIELD INDEX

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (4)*	AREA II (4)	AREA III (1)	PROV.(9)**
1 HARUS;SWW	89.2	93.6	89.9	91.2
2 REBECCA;SWW	94.3	98.0	97.0	96.2
3 ZAVITZ;SWW	91.0	98.2	96.5	94.8
4 KARENA;SWW	92.4	101.0	89.9	96.0
5 AC-RON;SWW	98.5	94.0	111.2	97.9
6 OAC-ARISS;SWW	99.6	100.4	92.8	99.2
7 DELAWARE;SWW	97.2	107.1	102.9	102.2
8 CASEY;SRW	90.4	98.5	101.9	95.3
9 DIANA;SWW	92.8	96.8	103.2	95.8
10 MARILEE;SWW	100.8	106.9	103.2	103.8
11 FREEDOM;SRW	108.9	109.0	99.2	107.8
12 PRCW9301;SWW	103.7	80.6	103.2	93.4
13 PRCW9303;SWW	99.5	100.2	102.1	100.1
14 2737W;SWW	110.1	92.3	118.0	103.1
15 2510;SRW	115.3	109.8	93.0	110.4
16 25W33;SWW	105.0	114.4	113.1	110.1
17 MENDON;SRW	112.0	101.5	92.6	105.2
18 DYNASTY;SRW	100.9	101.2	93.2	100.2
19 F93012-M3;SRW	98.4	96.7	97.2	97.5
OVERALL MEAN	4.32	4.53	5.15	4.51

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

YEAR : 96  
MGMT : NORMAL  
AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	19	3.83	71.4	36	79	.8	93	162	.2	1.0	4.9	.	3.5	.	1.8	.	200
2 REBECCA;SWW	14	4.12	70.5	35	81	1.0	92	163	.4	1.0	3.5	.	3.0	.	1.5	.	201
3 ZAVITZ;SWW	16	3.98	68.1	37	84	1.9	101	164	.1	.0	5.8	.	3.5	.	1.5	.	200
4 KARENA;SWW	17	3.97	70.4	34	85	1.1	98	163	.8	1.5	3.3	.	4.0	.	1.3	.	199
5 AC RON;SWW	9	4.32	69.3	32	87	1.1	98	161	.3	2.0	5.4	.	6.3	.	2.3	.	199
6 OAC ARISS;SWW	8	4.34	73.4	31	87	1.9	91	163	.7	1.5	3.6	.	3.0	.	.8	.	198
7 DELAWARE;SWW	11	4.27	66.3	36	87	1.5	94	165	.3	2.5	5.1	.	4.0	.	.8	.	201
8 CASEY;SRW	18	3.95	70.2	32	80	2.5	89	162	.0	.5	5.0	.	3.0	.	.0	.	198
9 DIANA;SWW	15	4.03	68.5	30	84	2.2	98	163	.2	1.0	3.9	.	5.3	.	.5	.	199
10 MARILEE;SWW	10	4.29	69.9	37	76	.9	94	165	1.0	1.0	3.4	.	4.0	.	3.0	.	201
11 FREEDOM;SRW	4	4.59	71.1	34	81	1.5	87	161	.5	.0	4.9	.	3.0	.	.0	.	202
12 PRCW9201;SWW	5	4.51	68.3	34	90	3.5	101	161	.3	1.0	6.8	.	3.8	.	.0	.	197
13 PRCW9203;SWW	7	4.35	72.2	36	91	2.4	99	163	.7	.5	4.8	.	3.5	.	.0	.	197
14 2737W;SWW	3	4.73	69.6	32	89	.5	83	160	.8	1.0	4.6	.	3.5	.	.3	.	199
15 2510;SRW	1	4.92	74.1	35	81	.5	82	162	4.4	.0	4.6	.	4.5	.	.0	.	202
16 25W33;SWW	6	4.50	69.8	29	72	1.3	77	163	.6	1.0	4.7	.	2.8	.	1.0	.	200
17 MENDON;SRW	2	4.86	71.1	37	90	2.3	96	160	.3	2.3	5.4	.	3.3	.	.3	.	197
18 DYNASTY;SRW	13	4.21	73.8	31	90	2.1	91	160	.1	1.0	4.6	.	2.0	.	1.3	.	198
19 F93012-M3;SRW	11	4.27	70.7	31	79	1.4	91	161	.1	3.7	2.8	.	5.5	.	3.5	.	198
LOCATIONS		4	4	4	3	2	4	4	3	1	2	0	2	0	1	0	1

YIELD AVERAGES WERE BASED ON DATA FROM: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR : 96  
MGMT : NORMAL  
AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	17	4.23	72.8	36	84	.3	103	167	.0	3.6	5.4	.	3.3	.	.	.	204
2 REBECCA;SWW	14	4.43	70.6	34	84	1.0	95	169	.6	3.8	4.4	.	2.2	.	.	.	207
3 ZAVITZ;SWW	13	4.46	69.4	39	85	2.0	104	170	.1	1.8	4.4	.	2.0	.	.	.	206
4 KARENA;SWW	8	4.55	71.3	33	87	1.0	104	168	.1	3.3	4.7	.	2.4	.	.	.	205
5 AC RON;SWW	16	4.28	68.7	33	88	.9	104	167	.2	3.8	4.9	.	4.6	.	.	.	205
6 OAC ARISS;SWW	9	4.53	73.0	33	85	1.4	98	169	.1	3.8	4.9	.	2.9	.	.	.	205
7 DELAWARE;SWW	4	4.89	67.4	36	88	3.7	99	170	.2	3.6	3.9	.	3.1	.	.	.	206
8 CASEY;SRW	11	4.51	70.1	35	85	.5	97	167	.3	1.9	3.8	.	4.2	.	.	.	204
9 DIANA;SWW	15	4.40	68.2	32	84	.7	103	169	.3	3.6	5.4	.	4.2	.	.	.	204
10 MARILEE;SWW	5	4.81	69.0	36	76	.4	101	170	.7	4.0	4.4	.	3.0	.	.	.	207
11 FREEDOM;SRW	3	4.90	73.0	32	77	1.6	94	167	.1	.0	4.5	.	2.6	.	.	.	204
12 PRCW9201;SWW	19	3.61	65.7	33	87	2.5	103	167	.0	3.3	4.7	.	5.3	.	.	.	204
13 PRCW9203;SWW	9	4.53	72.6	36	87	.8	106	169	.1	2.3	4.3	.	2.9	.	.	.	204
14 2737W;SWW	18	4.16	68.2	29	82	.1	86	167	.4	1.4	4.8	.	6.0	.	.	.	204
15 2510;SRW	2	4.94	73.9	34	83	.2	85	167	5.4	.6	3.3	.	4.9	.	.	.	205
16 25W33;SWW	1	5.23	71.0	31	76	.2	82	168	.0	1.4	2.9	.	3.2	.	.	.	205
17 MENDON;SRW	6	4.59	71.3	38	91	2.6	104	166	.0	1.9	4.8	.	3.8	.	.	.	204
18 DYNASTY;SRW	7	4.56	73.8	33	89	.4	94	166	.3	1.1	4.3	.	2.4	.	.	.	204
19 F93012-M3;SRW	11	4.51	70.1	30	87	1.7	96	166	.1	2.2	3.3	.	6.8	.	.	.	204
LOCATIONS		4	4	4	4	3	4	4	4	2	2	0	4	0	0	0	4

YIELD AVERAGES WERE BASED ON DATA FROM: LONDON, CENTRALIA, WOODSTOCK, ELORA.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

YEAR : 96  
 MGMT : NORMAL  
 AREA(S): 1- 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *							
																	19	13	16	16	10	9	5
1 HARUS;SWW	19	4.10	72.7	36	80	.5	97	165	.2	2.7	5.2	.	3.4	.	1.8	.	203						
2 REBECCA;SWW	13	4.36	71.2	35	81	1.0	93	166	.8	2.8	4.0	.	2.5	.	1.5	.	205						
3 ZAVITZ;SWW	16	4.30	69.5	39	84	2.0	103	167	.3	1.2	5.1	.	2.5	.	1.5	.	205						
4 KARENA;SWW	16	4.30	71.5	34	84	1.0	100	166	.4	2.7	4.0	.	2.9	.	1.3	.	204						
5 AC RON;SWW	10	4.46	69.8	33	87	1.0	100	164	.5	3.2	5.2	.	5.1	.	2.3	.	204						
6 OAC ARISS;SWW	9	4.47	73.7	32	84	1.6	93	166	.3	3.0	4.2	.	2.9	.	.8	.	204						
7 DELAWARE;SWW	5	4.66	67.6	36	86	2.8	96	167	.4	3.2	4.5	.	3.4	.	.8	.	205						
8 CASEY;SRW	14	4.34	70.9	34	81	1.3	92	165	.2	1.4	4.4	.	3.8	.	.0	.	203						
9 DIANA;SWW	14	4.34	69.1	32	82	1.3	101	166	.3	2.7	4.7	.	4.5	.	.5	.	203						
10 MARILEE;SWW	6	4.64	70.1	37	75	.6	97	167	1.0	3.0	3.9	.	3.3	.	3.0	.	205						
11 FREEDOM;SRW	3	4.79	72.6	34	77	1.6	90	164	.3	.0	4.7	.	2.7	.	.0	.	203						
12 PRCW9201;SWW	18	4.20	67.6	34	87	2.9	102	163	.1	2.5	5.7	.	4.8	.	.0	.	202						
13 PRCW9203;SWW	8	4.53	73.1	37	88	1.4	102	166	.4	1.7	4.5	.	3.1	.	.0	.	202						
14 2737W;SWW	7	4.63	69.8	31	84	.3	84	163	.7	1.3	4.7	.	5.2	.	.3	.	203						
15 2510;SRW	2	4.92	74.7	35	81	.3	83	165	4.9	.4	3.9	.	4.7	.	.0	.	204						
16 25W33;SWW	1	4.97	71.2	30	73	.6	79	165	.2	1.3	3.8	.	3.0	.	1.0	.	204						
17 MENDON;SRW	4	4.73	71.8	38	87	2.5	99	163	.1	2.0	5.1	.	3.6	.	.3	.	202						
18 DYNASTY;SRW	12	4.43	74.5	33	87	1.1	92	163	.5	1.1	4.4	.	2.3	.	1.3	.	203						
19 F93012-M3;SRW	10	4.46	71.3	31	81	1.6	93	164	.1	2.7	3.0	.	6.4	.	3.5	.	202						
LOCATIONS		9	9	9	8	5	9	9	8	3	4	0	6	0	1	0	5						

YIELD AVERAGES WERE BASED ON DATA FROM: HARROW, WOODSLEE, RIDGETOWN, INWOOD, LONDON, CENTRALIA, WOODSTOCK, ELORA, OTTAWA-1.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

LOCATION - HARROW  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS; SWW	18	4.16	72.5	39	.	.	92	159	.5	.	5.0	.	.	.	1.8	.	.
2 REBECCA; SWW	15	4.61	73.2	40	.	.	89	160	.8	.	3.8	.	.	.	1.5	.	.
3 ZAVITZ; SWW	10	5.10	69.7	43	.	.	99	162	.3	.	4.3	.	.	.	1.5	.	.
4 KARENA; SWW	9	5.13	73.4	39	.	.	95	160	2.3	.	2.5	.	.	.	1.3	.	.
5 AC RON; SWW	14	4.74	73.2	39	.	.	89	159	1.0	.	5.3	.	.	.	2.3	.	.
6 OAC ARISS; SWW	11	4.98	74.9	36	.	.	84	160	2.0	.	2.3	.	.	.	.8	.	.
7 DELAWARE; SWW	2	5.44	68.6	43	.	.	91	162	1.0	.	5.8	.	.	.	.8	.	.
8 CASEY; SRW	16	4.55	72.1	37	.	.	89	160	.0	.	5.0	.	.	.	.0	.	.
9 DIANA; SWW	12	4.92	72.9	37	.	.	104	161	.0	.	3.8	.	.	.	.5	.	.
10 MARILEE; SWW	8	5.14	72.6	42	.	.	95	164	2.0	.	1.3	.	.	.	3.0	.	.
11 FREEDOM; SRW	16	4.55	73.2	39	.	.	85	159	1.5	.	5.0	.	.	.	.0	.	.
12 PRCW9201; SWW	1	5.45	72.1	39	.	.	103	159	1.0	.	8.0	.	.	.	.0	.	.
13 PRCW9203; SWW	12	4.92	74.1	39	.	.	98	161	2.0	.	4.8	.	.	.	.0	.	.
14 2737W; SWW	6	5.22	70.1	35	.	.	78	156	2.3	.	5.8	.	.	.	.3	.	.
15 2510; SRW	5	5.32	74.0	42	.	.	82	160	8.8	.	1.8	.	.	.	.0	.	.
16 25W33; SWW	7	5.20	71.5	33	.	.	79	160	1.8	.	5.3	.	.	.	1.0	.	.
17 MENDON; SRW	4	5.41	73.6	45	.	.	88	159	.8	.	5.0	.	.	.	.3	.	.
18 DYNASTY; SRW	19	3.43	73.3	32	.	.	89	159	.3	.	4.8	.	.	.	1.3	.	.
19 F93012-M3; SRW	3	5.42	73.6	36	.	.	94	159	.3	.	1.5	.	.	.	3.5	.	.
MEANS		4.93	72.6	39	.	.	91	159	0.3	.	1.5	.	.	.	1.0	.	.

LOCATION - WOODSLEE  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS; SWW	18	5.42	69.7	36	58	.	92	161	.	.	4.8	.	.	.	.	.	.
2 REBECCA; SWW	10	6.15	69.2	37	68	.	94	162	.	.	3.3	.	.	.	.	.	.
3 ZAVITZ; SWW	16	5.50	66.9	39	76	.	105	163	.	.	7.3	.	.	.	.	.	.
4 KARENA; SWW	19	5.07	68.8	35	80	.	102	162	.	.	4.0	.	.	.	.	.	.
5 AC RON; SWW	5	6.63	70.3	35	80	.	105	160	.	.	5.5	.	.	.	.	.	.
6 OAC ARISS; SWW	6	6.45	72.1	33	79	.	96	161	.	.	4.8	.	.	.	.	.	.
7 DELAWARE; SWW	10	6.15	66.2	37	79	.	99	164	.	.	4.3	.	.	.	.	.	.
8 CASEY; SRW	12	5.88	69.8	34	69	.	91	162	.	.	5.0	.	.	.	.	.	.
9 DIANA; SWW	17	5.47	67.6	33	75	.	98	162	.	.	4.0	.	.	.	.	.	.
10 MARILEE; SWW	14	5.67	68.7	37	60	.	91	163	.	.	5.5	.	.	.	.	.	.
11 FREEDOM; SRW	8	6.30	69.7	34	70	.	89	159	.	.	4.8	.	.	.	.	.	.
12 PRCW9201; SWW	7	6.40	66.5	36	84	.	106	159	.	.	5.5	.	.	.	.	.	.
13 PRCW9203; SWW	3	6.67	71.6	37	86	.	105	161	.	.	4.8	.	.	.	.	.	.
14 2737W; SWW	4	6.65	69.1	35	83	.	92	158	.	.	3.3	.	.	.	.	.	.
15 2510; SRW	2	6.90	73.8	36	73	.	87	161	.	.	7.3	.	.	.	.	.	.
16 25W33; SWW	13	5.75	67.6	30	59	.	78	162	.	.	4.0	.	.	.	.	.	.
17 MENDON; SRW	1	7.02	70.5	38	85	.	101	158	.	.	5.8	.	.	.	.	.	.
18 DYNASTY; SRW	9	6.22	72.4	31	86	.	97	157	.	.	4.3	.	.	.	.	.	.
19 F93012-M3; SRW	15	5.57	69.5	31	66	.	90	159	.	.	4.0	.	.	.	.	.	.
MEANS		6.10	69.5	35	75	.	96	161	.	.	4.9	.	.	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

LOCATION - RIDGETOWN  
 MANAGEMENT - NORMAL

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRs 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS;SWW	11 3.31	75.0	35	95	1.5	98	162	.0	1.0	.	.	3.0	.	.	.	200
2 REBECCA;SWW	11 3.31	73.3	34	92	2.0	96	162	.5	1.0	.	.	3.0	.	.	.	201
3 ZAVITZ;SWW	16 3.04	71.0	36	95	3.8	108	165	.0	.0	.	.	4.0	.	.	.	200
4 KARENA;SWW	15 3.12	73.6	32	94	2.2	102	163	.0	1.5	.	.	4.0	.	.	.	199
5 AC RON;SWW	13 3.30	69.2	26	95	2.2	103	162	.0	2.0	.	.	6.0	.	.	.	199
6 OAC ARISS;SWW	14 3.18	75.6	29	95	3.0	98	163	.0	1.5	.	.	3.0	.	.	.	198
7 DELAWARE;SWW	18 2.94	68.0	36	95	3.0	96	165	.0	2.5	.	.	4.0	.	.	.	201
8 CASEY;SRW	19 2.93	73.1	30	95	5.0	94	162	.0	.5	.	.	3.0	.	.	.	198
9 DIANA;SWW	8 3.46	71.1	28	95	4.2	101	163	.5	1.0	.	.	4.5	.	.	.	199
10 MARILEE;SWW	10 3.33	70.9	35	91	1.5	100	165	1.0	1.0	.	.	4.0	.	.	.	201
11 FREEDOM;SRW	2 4.39	71.9	32	94	2.0	92	162	.0	.0	.	.	3.0	.	.	.	202
12 PRCW9201;SWW	8 3.46	70.4	31	95	5.8	101	161	.0	1.0	.	.	4.0	.	.	.	197
13 PRCW9203;SWW	16 3.04	74.7	34	95	4.8	102	163	.0	.5	.	.	3.0	.	.	.	197
14 2737W;SWW	5 4.07	74.0	31	95	1.0	88	162	.0	1.0	.	.	3.0	.	.	.	199
15 2510;SRW	3 4.17	77.5	30	95	1.0	84	162	3.0	.0	.	.	4.0	.	.	.	202
16 25W33;SWW	1 4.58	74.4	30	94	2.5	83	162	.0	1.0	.	.	3.0	.	.	.	200
17 MENDON;SRW	3 4.17	74.0	36	95	3.5	102	160	.0	2.3	.	.	5.0	.	.	.	197
18 DYNASTY;SRW	6 3.98	77.1	31	95	4.0	96	160	.0	1.0	.	.	3.0	.	.	.	198
19 F93012-M3;SRW	7 3.76	74.2	28	94	2.8	94	162	.0	3.7	.	.	5.0	.	.	.	198
MEANS	3.55	73.1	32	94	2.9	97	162	0.3	1.2	.	.	3.8	.	.	.	199

LOCATION - INWOOD  
 MANAGEMENT - NORMAL

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRs 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS;SWW	14 2.43	68.6	32	85	.0	90	165	.0	.	.	.	4.0	.	.	.	.
2 REBECCA;SWW	16 2.41	66.3	27	83	.0	88	166	.0	.	.	.	3.0	.	.	.	.
3 ZAVITZ;SWW	18 2.28	64.7	30	82	.0	93	167	.0	.	.	.	3.0	.	.	.	.
4 KARENA;SWW	11 2.55	65.9	28	82	.0	92	166	.0	.	.	.	4.0	.	.	.	.
5 AC RON;SWW	10 2.59	64.4	26	85	.0	94	164	.0	.	.	.	6.5	.	.	.	.
6 OAC ARISS;SWW	8 2.75	70.8	27	88	.8	86	166	.0	.	.	.	3.0	.	.	.	.
7 DELAWARE;SWW	11 2.55	62.6	29	86	.0	91	167	.0	.	.	.	4.0	.	.	.	.
8 CASEY;SRW	14 2.43	65.6	26	75	.0	83	165	.0	.	.	.	3.0	.	.	.	.
9 DIANA;SWW	19 2.27	62.2	23	83	.2	90	166	.0	.	.	.	6.0	.	.	.	.
10 MARILEE;SWW	4 3.02	67.6	34	77	.2	89	167	.0	.	.	.	4.0	.	.	.	.
11 FREEDOM;SRW	3 3.13	69.6	29	80	1.0	82	165	.0	.	.	.	3.0	.	.	.	.
12 PRCW9201;SWW	9 2.74	64.4	29	92	1.2	93	163	.0	.	.	.	3.5	.	.	.	.
13 PRCW9203;SWW	7 2.78	68.4	32	92	.0	91	166	.0	.	.	.	4.0	.	.	.	.
14 2737W;SWW	5 2.99	65.0	26	89	.0	74	165	.0	.	.	.	4.0	.	.	.	.
15 2510;SRW	1 3.30	71.0	30	76	.0	75	166	1.5	.	.	.	5.0	.	.	.	.
16 25W33;SWW	13 2.46	65.9	23	62	.0	68	167	.0	.	.	.	2.5	.	.	.	.
17 MENDON;SRW	6 2.85	66.3	30	90	1.0	91	163	.0	.	.	.	1.5	.	.	.	.
18 DYNASTY;SRW	2 3.23	72.4	31	88	.2	82	163	.0	.	.	.	1.0	.	.	.	.
19 F93012-M3;SRW	17 2.33	65.3	29	78	.0	86	164	.0	.	.	.	6.0	.	.	.	.
MEANS	2.69	66.7	28	83	0.2	86	165	0.1	.	.	.	3.7	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

LOCATION - LONDON  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS; SWW	12	3.66	71.2	37	99	.0	105	164	.0	7.0	.	.	3.5	.	.	.	192
2 REBECCA; SWW	18	3.25	66.3	27	100	.0	95	166	.0	6.5	.	.	2.8	.	.	.	194
3 ZAVITZ; SWW	13	3.60	65.1	36	84	.0	107	166	.0	2.0	.	.	3.5	.	.	.	194
4 KARENA; SWW	9	3.81	69.8	32	97	.2	106	166	.0	6.0	.	.	3.0	.	.	.	194
5 AC RON; SWW	16	3.33	65.9	28	100	.0	103	165	.0	6.5	.	.	6.2	.	.	.	195
6 OAC ARISS; SWW	10	3.77	70.1	32	84	1.0	99	166	.0	6.5	.	.	3.2	.	.	.	195
7 DELAWARE; SWW	14	3.34	62.4	30	87	.2	103	167	.0	6.5	.	.	5.2	.	.	.	194
8 CASEY; SRW	11	3.71	66.2	37	88	.0	98	165	.5	3.0	.	.	3.8	.	.	.	194
9 DIANA; SWW	17	3.30	60.2	23	84	.2	104	166	.0	6.5	.	.	5.8	.	.	.	194
10 MARILEE; SWW	5	4.16	67.6	35	82	.0	104	166	.0	7.5	.	.	3.5	.	.	.	194
11 FREEDOM; SRW	2	4.51	68.5	31	68	1.5	94	164	.0	.0	.	.	2.0	.	.	.	189
12 PRCW9201; SWW	19	3.19	62.9	31	87	1.2	104	164	.0	4.5	.	.	5.2	.	.	.	193
13 PRCW9203; SWW	7	3.83	70.8	34	87	.2	107	166	.0	3.5	.	.	3.5	.	.	.	192
14 2737W; SWW	7	3.83	64.0	26	87	.0	85	164	.0	2.0	.	.	6.2	.	.	.	194
15 2510; SRW	3	4.31	69.3	31	92	.0	84	165	4.0	1.0	.	.	5.8	.	.	.	194
16 25W33; SWW	6	4.11	65.3	26	79	.0	82	166	.0	2.0	.	.	3.8	.	.	.	194
17 MENDON; SRW	4	4.17	68.4	36	89	1.5	104	163	.0	3.0	.	.	3.0	.	.	.	194
18 DYNASTY; SRW	1	4.80	70.5	33	99	.0	95	163	.0	1.5	.	.	1.2	.	.	.	194
19 F93012-M3; SRW	14	3.34	63.4	25	84	.0	96	163	.0	2.0	.	.	7.2	.	.	.	193
MEANS		3.79	66.7	31	88	0.3	99	165	0.2	4.1	.	.	4.1	.	.	.	194

LOCATION - CENTRALIA  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS; SWW	15	3.01	72.0	38	72	.	98	165	.0	.2	.	.	2.0	.	.	.	206
2 REBECCA; SWW	5	3.42	70.0	33	75	.	94	166	.5	1.0	.	.	2.0	.	.	.	208
3 ZAVITZ; SWW	9	3.31	68.0	36	74	.	100	166	.2	1.5	.	.	1.0	.	.	.	207
4 KARENA; SWW	7	3.39	69.0	33	78	.	100	165	.0	.5	.	.	2.5	.	.	.	206
5 AC RON; SWW	13	3.03	68.0	36	82	.	104	164	.3	1.2	.	.	4.0	.	.	.	206
6 OAC ARISS; SWW	6	3.40	72.0	35	81	.	97	165	.0	1.0	.	.	2.0	.	.	.	205
7 DELAWARE; SWW	1	3.81	67.0	40	78	.	94	167	.2	.7	.	.	2.0	.	.	.	208
8 CASEY; SRW	14	3.02	70.0	34	78	.	94	164	.0	.8	.	.	3.0	.	.	.	204
9 DIANA; SWW	9	3.31	68.0	33	79	.	100	166	.3	.7	.	.	3.5	.	.	.	204
10 MARILEE; SWW	4	3.51	69.0	38	74	.	96	166	.0	.5	.	.	3.0	.	.	.	208
11 FREEDOM; SRW	8	3.38	77.0	33	72	.	91	164	.3	.0	.	.	2.0	.	.	.	204
12 PRCW9201; SWW	19	2.72	65.0	35	88	.	102	163	.0	2.0	.	.	5.0	.	.	.	204
13 PRCW9203; SWW	9	3.31	70.0	36	80	.	100	166	.2	1.2	.	.	3.0	.	.	.	204
14 2737W; SWW	16	2.87	68.0	30	74	.	84	164	.2	.8	.	.	6.0	.	.	.	204
15 2510; SRW	2	3.60	73.0	33	76	.	82	164	4.2	.2	.	.	3.5	.	.	.	206
16 25W33; SWW	2	3.60	69.0	31	64	.	79	164	.0	.8	.	.	3.5	.	.	.	206
17 MENDON; SRW	12	3.15	72.0	41	85	.	100	163	.0	.8	.	.	3.0	.	.	.	204
18 DYNASTY; SRW	17	2.84	74.0	34	77	.	91	162	.0	.8	.	.	1.0	.	.	.	205
19 F93012-M3; SRW	18	2.78	71.0	32	80	.	92	164	.2	2.3	.	.	7.0	.	.	.	204
MEANS		3.23	70.0	35	77	.	95	165	0.3	0.9	.	.	3.1	.	.	.	205

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

LOCATION - WOODSTOCK  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	14	4.77	73.6	38	96	.8	105	167	.0	.	5.5	.	5.3	.	.	.	205
2 REBECCA;SWW	5	5.42	73.0	41	93	2.3	96	168	.5	.	4.5	.	2.8	.	.	.	208
3 ZAVITZ;SWW	17	4.64	69.9	41	95	6.0	104	169	.0	.	4.8	.	2.5	.	.	.	208
4 KARENA;SWW	7	5.29	73.0	35	99	2.5	104	168	.0	.	4.8	.	3.3	.	.	.	206
5 AC RON;SWW	8	5.26	71.7	37	96	1.3	105	167	.0	.	5.0	.	5.0	.	.	.	206
6 OAC ARISS;SWW	11	4.93	73.6	32	93	2.8	99	169	.0	.	4.8	.	4.8	.	.	.	206
7 DELAWARE;SWW	6	5.37	68.0	35	98	7.8	96	169	.0	.	3.8	.	3.5	.	.	.	208
8 CASEY;SRW	12	4.89	70.5	35	93	1.5	99	168	.0	.	4.3	.	6.0	.	.	.	205
9 DIANA;SWW	9	4.96	72.3	35	91	1.8	108	168	.0	.	5.5	.	5.0	.	.	.	205
10 MARILEE;SWW	3	5.64	69.5	34	94	1.3	104	170	1.0	.	4.3	.	4.3	.	.	.	208
11 FREEDOM;SRW	2	5.74	74.8	34	94	3.3	96	167	.0	.	4.5	.	3.8	.	.	.	208
12 PRCW9201;SWW	19	4.11	66.7	34	95	4.0	103	167	.0	.	4.5	.	6.3	.	.	.	206
13 PRCW9203;SWW	13	4.78	74.8	39	95	1.3	108	169	.0	.	4.5	.	3.3	.	.	.	206
14 2737W;SWW	18	4.61	69.2	29	91	.3	89	167	1.0	.	5.0	.	7.3	.	.	.	205
15 2510;SRW	4	5.63	77.3	39	91	.5	88	167	6.0	.	4.0	.	7.3	.	.	.	206
16 25W33;SWW	1	6.02	74.8	34	89	.5	83	168	.0	.	3.8	.	3.5	.	.	.	207
17 MENDON;SRW	10	4.95	73.0	40	98	3.8	105	166	.0	.	5.5	.	4.8	.	.	.	205
18 DYNASTY;SRW	16	4.69	74.8	34	94	1.3	99	166	.3	.	5.0	.	4.5	.	.	.	205
19 F93012-M3;SRW	15	4.76	68.6	30	95	2.3	96	166	.0	.	4.3	.	8.0	.	.	.	205
MEANS		5.08	72.1	36	94	2.4	99	168	0.5	.	4.7	.	4.8	.	.	.	206

LOCATION - ELORA  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	17	5.47	74.2	32	70	.0	103	172	.0	.	5.3	.	2.4	.	.	.	212
2 REBECCA;SWW	15	5.65	73.0	36	69	.8	95	176	1.5	.	4.3	.	1.1	.	.	.	216
3 ZAVITZ;SWW	5	6.28	74.8	44	85	.0	106	177	.0	.	4.0	.	1.0	.	.	.	216
4 KARENA;SWW	14	5.70	73.6	32	73	.3	105	174	.3	.	4.5	.	.8	.	.	.	213
5 AC RON;SWW	16	5.49	69.2	29	73	1.3	105	172	.3	.	4.8	.	3.0	.	.	.	212
6 OAC ARISS;SWW	10	6.02	76.1	31	81	.3	96	175	.5	.	5.0	.	1.5	.	.	.	214
7 DELAWARE;SWW	3	7.04	72.3	39	89	3.0	103	175	.5	.	4.0	.	1.6	.	.	.	215
8 CASEY;SRW	4	6.43	73.6	35	81	.0	96	172	.5	.	3.3	.	3.9	.	.	.	212
9 DIANA;SWW	9	6.05	72.3	36	80	.0	101	174	.8	.	5.3	.	2.3	.	.	.	212
10 MARILEE;SWW	12	5.93	69.9	35	54	.0	98	176	1.8	.	4.5	.	1.3	.	.	.	216
11 FREEDOM;SRW	11	5.99	71.7	29	75	1.0	96	172	.0	.	4.5	.	2.6	.	.	.	213
12 PRCW9201;SWW	19	4.42	68.0	33	78	2.3	103	172	.0	.	4.8	.	4.5	.	.	.	212
13 PRCW9203;SWW	7	6.22	74.8	36	84	.8	108	174	.0	.	4.0	.	1.9	.	.	.	213
14 2737W;SWW	18	5.35	71.7	30	76	.0	86	172	.3	.	4.5	.	4.5	.	.	.	211
15 2510;SRW	6	6.23	76.1	34	71	.0	84	173	7.3	.	2.5	.	2.9	.	.	.	213
16 25W33;SWW	1	7.20	74.8	32	73	.0	83	172	.0	.	2.0	.	1.9	.	.	.	213
17 MENDON;SRW	8	6.10	71.7	36	93	2.5	108	171	.0	.	4.0	.	4.4	.	.	.	211
18 DYNASTY;SRW	13	5.91	76.1	32	84	.0	91	172	.8	.	3.5	.	3.0	.	.	.	211
19 F93012-M3;SRW	2	7.17	77.3	33	89	2.8	98	172	.0	.	2.3	.	5.1	.	.	.	212
MEANS		6.03	73.2	34	78	0.8	98	173	0.8	.	4.1	.	2.6	.	.	.	213

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY WHEAT 1996

LOCATION - OTTAWA-1  
 MANAGEMENT - NORMAL

KEY NAME	RK	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
		T/HA	K/HL																
1 HARUS;SWW	18	4.63	77.3	40	66	.		91	166	1.4	.	.	.	.	.	.	.	.	.
2 REBECCA;SWW	12	5.00	76.2	38	69	.		91	165	2.3	.	.	.	.	.	.	.	.	.
3 ZAVITZ;SWW	13	4.97	75.3	47	81	.		103	166	1.8	.	.	.	.	.	.	.	.	.
4 KARENA;SWW	18	4.63	76.8	38	66	.		96	166	.9	.	.	.	.	.	.	.	.	.
5 AC RON;SWW	3	5.73	76.1	38	81	.		94	165	2.1	.	.	.	.	.	.	.	.	.
6 OAC ARISS;SWW	16	4.78	78.4	35	69	.		86	166	.3	.	.	.	.	.	.	.	.	.
7 DELAWARE;SWW	7	5.30	73.2	39	75	.		91	167	1.3	.	.	.	.	.	.	.	.	.
8 CASEY;SRW	9	5.25	77.1	38	70	.		81	165	.4	.	.	.	.	.	.	.	.	.
9 DIANA;SWW	4	5.32	74.9	39	69	.		100	166	.4	.	.	.	.	.	.	.	.	.
10 MARILEE;SWW	4	5.32	75.0	40	68	.		95	166	1.9	.	.	.	.	.	.	.	.	.
11 FREEDOM;SRW	10	5.11	76.9	42	60	.		84	165	.6	.	.	.	.	.	.	.	.	.
12 PRCW9201;SWW	4	5.32	72.8	39	79	.		99	163	.0	.	.	.	.	.	.	.	.	.
13 PRCW9203;SWW	8	5.26	78.6	42	81	.		101	165	1.0	.	.	.	.	.	.	.	.	.
14 2737W;SWW	1	6.08	77.2	36	76	.		81	163	1.9	.	.	.	.	.	.	.	.	.
15 2510;SRW	15	4.79	80.6	40	71	.		83	164	4.5	.	.	.	.	.	.	.	.	.
16 25W33;SWW	2	5.83	77.2	35	64	.		74	165	.0	.	.	.	.	.	.	.	.	.
17 MENDON;SRW	17	4.77	76.9	44	59	.		93	164	.3	.	.	.	.	.	.	.	.	.
18 DYNASTY;SRW	14	4.80	79.8	35	73	.		90	163	2.3	.	.	.	.	.	.	.	.	.
19 F93012-M3;SRW	11	5.01	78.7	36	61	.		95	164	.0	.	.	.	.	.	.	.	.	.
MEANS		5.15	76.8	39	70	.		91	165	1.2	.	.	.	.	.	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS



## ONTARIO PERFORMANCE TRIALS; FALL RED WHEAT 1996

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## LEGEND

YLD	-	YIELD (T/HA; 1 T/HA = 14.87 BU/AC)
TSTW	-	TEST WEIGHT (KG/HL)
KW	-	KERNEL WEIGHT (MG)
SUR	-	SURVIVAL (%)
LOG	-	LODGING
HGT	-	HEIGHT (CM)
HDT	-	HEADING DATE
MIL	-	MILDEW
LRS	-	LEAF RUST
SEP	-	SEPTORIA
GLB	-	GLUME BLOTCH
HBL	-	HEAD BLIGHT
SSM	-	SPINDLE STREAK MOSAIC VIRUS
BYD	-	BARLEY YELLOW DWARF VIRUS
SRS	-	STEM RUST
MDT	-	MATURITY DATE

## WHEAT CLASS ABBREVIATIONS

HRW	-	HARD RED WINTER
SPRW	-	SPECIALTY WHEAT RED WINTER

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## LOCATIONS ABBREVIATIONS

BH	BATH
CA	CENTRALIA
EA	ELORA
GH	GUELPH
HN	HARRISTON
HW	HARROW
ID	INWOOD
KE	KEMPTVILLE
LN	LONDON
NN	NAIRN
OL	OTTAWA-1
RN	RIDGETOWN
WE	WOODSLEE
WK	WOODSTOCK
WP	WINTHROP

## ONTARIO PERFORMANCE TRIALS; FALL RED WHEAT 1996

## DESCRIPTION OF VARIETIES/LINES TESTED

Variety Name;class type:experimental designation - pedigree - breeder,institute  
- sponsor, distributor - date, number and type of registration.

Ruby;SPRW: TW84BU039 - Fredrick/Priboy, L.Shugar, W.G.Thompson & Sons Ltd.  
- 08/1991, 3461, Regional Registration for Nfld,PEI,NS,NB,ON,PQ.

Fundulea;HRW: F2976:1 - Aurora/Riley.67 - Fundulea Research Institute,Romania  
C&M Seeds - Regional Registration for Nfld,PEI,NS,NB,ON,PQ.

AC-Morley;HRW: H242:31:1- Siouxland/Perlo - Abe Teich, Agriculture and Agri-Food  
Canada, Harrow,ON - Interim Registration pending.

Hanover;HRW: SEMU34208 - Iljitshovka/Hadm.6508/74 - Dr.W.Porche,Semundo Saatzucht  
W.G.Thompson & Sons Ltd. - 04/1996, 4301, Regional Registration for  
Nfld,PEI,NS,NB,ON,PQ.

## DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD INDEX  
YEAR(S) : 92-96  
MGMT : NORMAL

KEY NAME	AREA I (14)*	AREA II (28)	AREA III(7)+	PROV.(49)**
1 RUBY;SPRW	100.9	99.8	97.6	99.8
2 FUNDULEA;HRW	99.1	100.2	102.4	100.2
OVERALL MEAN	5.67	5.34	5.02	5.39

TRAIT : YIELD INDEX  
YEAR : 96  
MGMT : NORMAL

KEY NAME	AREA I (4)*	AREA II (4)	AREA III (1)	PROV.(9)**
1 RUBY;SPRW	108.1	102.7	105.3	105.4
2 FUNDULEA;HRW	98.9	93.5	89.8	95.5
3 AC-MORLEY;HRW	100.1	110.7	92.2	103.9
4 HANOVER;HRW	92.9	93.1	112.6	95.2
OVERALL MEAN	4.34	4.64	5.04	4.55

+ YEARS FROM 1993-1996 BECAUSE THERE ARE NO DATA FOR AREA 3 IN 1992  
\* # OF LOCATIONS  
\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIALS; FALL RED WHEAT 1996

TRAIT : YIELD  
 YEAR(S) : 92-96  
 MGMT : NORMAL

KEY NAME	AREA I (14)*	AREA II (28)	AREA III(7)+	PROV.(49)**
1 RUBY;SPRW	5.69	5.35	4.90	5.38
2 FUNDULEA;HRW	5.64	5.32	5.14	5.39
OVERALL MEAN	5.67	5.34	5.02	5.39

## DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD INDEX

KEY NAME	AREA I (14)*	AREA II (28)	AREA III(7)+	PROV.(49)**
1 RUBY;SPRW	100.9	99.8	97.6	99.8
2 FUNDULEA;HRW	99.1	100.2	102.4	100.2
OVERALL MEAN	5.67	5.34	5.02	5.39

+ AVERAGE FROM 1993-1996 BECAUSE THERE ARE NO DATA FOR AREA 3 IN 1992  
 \* # OF LOCATIONS  
 \*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIALS; FALL RED WHEAT 1996

YEAR(S): 92-96  
 MGMT : NORMAL  
 AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY;SPRW	1	5.69	76.2	37	89	1.1	99	157	2.5	.4	6.0	2.0	1.7	.	1.4	.	195
2 FUNDULEA;HRW	2	5.64	76.1	34	83	.4	95	160	2.1	.4	6.1	6.0	1.6	.	.6	.	196
LOCATIONS		14	10	10	5	11	15	14	10	8	3	1	5	0	4	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:

1992: WOODSLEE, RIDGETOWN.

1993: RIDGETOWN.

1994: HARROW, RIDGETOWN, INWOOD.

1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S): 92-96  
 MGMT : NORMAL  
 AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY;SPRW	1	5.35	74.6	36	91	1.6	96	163	2.6	1.0	3.6	2.9	2.9	3.7	3.0	2.9	200
2 FUNDULEA;HRW	2	5.32	75.2	33	90	.8	94	166	1.6	.6	3.6	4.9	2.5	1.3	2.2	1.0	200
LOCATIONS		28	30	30	15	21	29	24	16	6	16	6	5	3	3	5	8

YIELD AVERAGES WERE BASED ON DATA FROM:

1992: NAIRN, WOODSTOCK, ELORA, HARRISTON.

1993: WINTHROP NAIRN, LONDON, ELORA, HARRISTON, BATH.

1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON BATH.

1995: NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON.

1996: LONDON, CENTRALIA, ELORA, WOODSTOCK.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL RED WHEAT 1996

YEAR(S): 93-96  
 MGMT : NORMAL  
 AREA : 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 RUBY;SPRW	2	4.90	80.7	38	86	1.1	97	167	4.5	.	.	.	.	.	.	.	.
2 FUNDULEA;HRW	1	5.14	81.2	36	76	1.0	92	170	1.1	.	.	.	.	.	.	.	.
LOCATIONS		7	7	8	6	3	8	8	2	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: KEMPTVILLE, OTTAWA-1.  
 1994: KEMPTVILLE, OTTAWA-1.  
 1995: KEMPTVILLE, OTTAWA-1.  
 1996: OTTAWA-1.

YEAR(S): 92-96  
 MGMT : NORMAL  
 AREA(S): 1- 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 RUBY;SPRW	2	5.38	75.9	37	90	1.4	96	162	2.7	.7	4.0	2.8	2.3	3.7	2.1	2.9	199
2 FUNDULEA;HRW	1	5.39	76.4	34	86	.7	93	165	1.7	.5	4.0	5.1	2.0	1.3	1.3	1.0	199
LOCATIONS		49	49	50	27	35	54	47	28	14	19	7	10	3	7	5	10

YIELD AVERAGES WERE BASED ON DATA FROM:

1992: WOODSLEE, RIDGETOWN, NAIRN, WOODSTOCK, ELORA, HARRISTON.  
 1993: RIDGETOWN, WINTHROP, NAIRN, LONDON, ELORA, HARRISTON, BATH, KEMPTVILLE,  
 OTTAWA-1.  
 1994: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH,  
 KEMPTVILLE, OTTAWA-1.  
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, CENTRALIA,  
 WOODSTOCK, GUELPH, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.  
 1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD, LONDON, CENTRALIA, ELORA, WOODSTOCK, OTTAWA

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL RED WHEAT 1996

TRAIT : YIELD  
 YEAR : 96  
 MGMT : NORMAL

KEY NAME	AREA I (4)*	AREA II (4)	AREA III (1)	PROV.(9)**
1 RUBY;SPRW	4.67	4.81	5.31	4.80
2 FUNDULEA;HRW	4.33	4.27	4.53	4.33
3 AC-MORLEY;HRW	4.30	5.09	4.65	4.69
4 HANOVER;HRW	4.04	4.40	5.68	4.38
OVERALL MEAN	4.34	4.64	5.04	4.55

## DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD INDEX

KEY NAME	AREA I (4)*	AREA II (4)	AREA III (1)	PROV.(9)**
1 RUBY;SPRW	108.1	102.7	105.3	105.4
2 FUNDULEA;HRW	98.9	93.5	89.8	95.5
3 AC-MORLEY;HRW	100.1	110.7	92.2	103.9
4 HANOVER;HRW	92.9	93.1	112.6	95.2
OVERALL MEAN	4.34	4.64	5.04	4.55

\* # OF LOCATIONS  
 \*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIALS; FALL RED WHEAT 1996

YEAR : 96  
 MGMT : NORMAL  
 AREA : 1

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 RUBY;SPRW	1 4.67	74.9	36	88	1.6	93	159	.6	.0	6.1	.	3.0	.	.5	.	198
2 FUNDULEA;HRW	2 4.33	74.6	32	79	1.6	87	164	.3	.0	5.7	.	3.0	.	.8	.	199
3 AC-MORLEY;HRW	3 4.30	75.2	35	86	1.3	109	160	.4	.0	4.4	.	2.0	.	.3	.	200
4 HANOVER;HRW	4 4.04	68.9	35	88	1.7	92	162	.8	.0	5.8	.	6.0	.	2.0	.	198
LOCATIONS	4	4	4	3	2	4	4	3	1	2	0	2	0	1	0	1

YIELD AVERAGES WERE BASED ON DATA FROM: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR : 96  
 MGMT : NORMAL  
 AREA : 2

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 RUBY;SPRW	2 4.81	75.4	37	85	1.0	95	166	.8	.6	3.7	.	3.3	.	.	.	205
2 FUNDULEA;HRW	4 4.27	73.2	31	80	1.2	92	169	.4	.3	5.2	.	3.0	.	.	.	204
3 AC-MORLEY;HRW	1 5.09	77.0	37	82	1.7	110	167	.1	.0	4.2	.	2.0	.	.	.	205
4 HANOVER;HRW	3 4.40	67.6	36	87	.5	95	169	1.2	.4	4.3	.	5.1	.	.	.	205
LOCATIONS	4	4	4	4	3	4	4	4	2	2	0	4	0	0	0	4

YIELD AVERAGES WERE BASED ON DATA FROM: LONDON, CENTRALIA, ELORA, WOODSTOCK.

YEAR : 96  
 MGMT : NORMAL  
 AREA(S) : 1- 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 RUBY;SPRW	1 4.80	75.8	37	85	1.3	93	163	1.0	.4	4.8	.	3.2	.	.5	.	203
2 FUNDULEA;HRW	4 4.33	74.7	32	76	1.3	89	166	.5	.2	5.4	.	3.0	.	.8	.	203
3 AC-MORLEY;HRW	2 4.69	76.6	36	82	1.5	109	164	.2	.0	4.3	.	2.0	.	.3	.	204
4 HANOVER;HRW	3 4.38	69.4	36	87	1.0	93	165	1.0	.3	5.0	.	5.4	.	2.0	.	203
LOCATIONS	9	9	9	8	5	9	9	8	3	4	0	6	0	1	0	5

YIELD AVERAGES WERE BASED ON DATA FROM: HARROW, WOODSLEE, RIDGETOWN, INWOOD, LONDON, CENTRALIA, ELORA, WOODSTOCK, OTTAWA.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL RED WHEAT 1996

LOCATION - HARROW  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY;SPRW	2	5.27	74.7	38	.	.	91	155	.3	.	5.3	.	.	.	.5	.	.
2 FUNDULEA;HRW	1	5.39	74.9	36	.	.	86	161	.5	.	5.5	.	.	.	.8	.	.
3 AC-MORLEY;HRW	4	4.38	76.9	39	.	.	111	157	1.3	.	3.8	.	.	.	.3	.	.
4 HANOVER;HRW	3	4.54	72.7	40	.	.	94	159	2.0	.	4.8	.	.	.	2.0	.	.
LOCATIONS		4.90	74.8	38	.	.	96	158	1.0	.	4.9	.	.	.	0.9	.	.

LOCATION - WOODSLEE  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY;SPRW	1	6.20	73.6	39	81	.	99	158	.	.	6.8	.	.	.	.	.	.
2 FUNDULEA;HRW	3	6.00	74.0	33	63	.	87	162	.	.	5.8	.	.	.	.	.	.
3 AC-MORLEY;HRW	2	6.17	74.1	36	81	.	112	158	.	.	5.0	.	.	.	.	.	.
4 HANOVER;HRW	4	5.57	68.7	38	78	.	93	161	.	.	6.8	.	.	.	.	.	.
LOCATIONS		5.99	72.6	37	76	.	98	160	.	.	6.1	.	.	.	.	.	.

LOCATION - RIDGETOWN  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY;SPRW	1	4.31	78.8	35	95	3.2	100	161	1.5	.0	.	.	4.0	.	.	.	198
2 FUNDULEA;HRW	4	3.18	77.1	31	95	3.2	96	164	.5	.0	.	.	2.5	.	.	.	199
3 AC-MORLEY;HRW	3	3.54	78.0	32	95	2.0	111	162	.0	.0	.	.	3.0	.	.	.	200
4 HANOVER;HRW	2	3.61	71.7	32	95	3.2	98	162	.5	.0	.	.	5.5	.	.	.	198
LOCATIONS		3.66	76.4	33	95	2.9	101	162	0.6	0.0	.	.	3.8	.	.	.	199

LOCATION - INWOOD  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY;SPRW	2	2.90	72.5	31	88	.0	81	163	.0	.	.	.	2.0	.	.	.	.
2 FUNDULEA;HRW	3	2.76	72.5	26	80	.0	80	167	.0	.	.	.	3.5	.	.	.	.
3 AC-MORLEY;HRW	1	3.12	71.7	32	82	.5	102	164	.0	.	.	.	1.0	.	.	.	.
4 HANOVER;HRW	4	2.45	62.7	28	92	.2	84	166	.0	.	.	.	6.5	.	.	.	.
LOCATIONS		2.81	69.9	29	86	0.2	87	165	0.0	.	.	.	3.3	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS



## ONTARIO PERFORMANCE TRIALS; FALL RED WHEAT 1996

LOCATION - LONDON  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY;SPRW	3	3.99	73.4	34	79	.0	96	163	.0	.5	.	.	3.0	.	.	.	194
2 FUNDULEA;HRW	2	4.13	72.8	33	82	.0	96	165	.0	.5	.	.	3.2	.	.	.	192
3 AC-MORLEY;HRW	1	4.35	74.6	32	80	1.0	110	164	.0	.0	.	.	1.8	.	.	.	192
4 HANOVER;HRW	4	3.00	61.2	29	99	.0	94	166	.0	.5	.	.	7.0	.	.	.	192
LOCATIONS		3.87	70.5	32	85	0.3	99	165	0.0	0.4	.	.	3.8	.	.	.	193

LOCATION - CENTRALIA  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY;SPRW	2	3.22	75.0	38	78	.	88	163	.2	.8	.	.	2.5	.	.	.	206
2 FUNDULEA;HRW	3	3.16	74.0	31	76	.	90	166	.2	.0	.	.	2.0	.	.	.	205
3 AC-MORLEY;HRW	1	3.92	76.0	38	79	.	108	165	.3	.0	.	.	2.0	.	.	.	205
4 HANOVER;HRW	4	3.11	68.0	38	75	.	92	166	.2	.3	.	.	5.0	.	.	.	207
LOCATIONS		3.35	73	36	77	.	95	165	0.2	0.3	.	.	2.9	.	.	.	206

LOCATION - WOODSTOCK  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY;SPRW	2	5.50	76.1	38	98	2.8	99	167	.5	.	4.0	.	4.8	.	.	.	206
2 FUNDULEA;HRW	3	5.18	74.8	31	94	3.5	94	169	.0	.	5.3	.	5.3	.	.	.	206
3 AC-MORLEY;HRW	1	6.07	78.6	38	99	3.3	113	167	.0	.	4.3	.	2.3	.	.	.	207
4 HANOVER;HRW	3	5.18	68.2	38	96	1.0	99	169	2.3	.	4.5	.	6.3	.	.	.	206
LOCATIONS		5.48	74.4	36	97	2.7	101	168	0.7	.	4.5	.	4.7	.	.	.	206

LOCATION - ELORA  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY;SPRW	1	6.54	77.3	37	84	.3	95	172	2.5	.	3.3	.	2.8	.	.	.	213
2 FUNDULEA;HRW	4	4.60	71.1	27	68	.0	89	175	1.5	.	5.0	.	1.5	.	.	.	211
3 AC-MORLEY;HRW	3	6.03	78.6	38	69	.8	110	172	.0	.	4.0	.	2.0	.	.	.	214
4 HANOVER;HRW	2	6.31	73.0	38	76	.5	96	175	2.3	.	4.0	.	2.3	.	.	.	213
LOCATIONS		5.87	75.0	35	74	0.4	98	174	1.6	.	4.1	.	2.2	.	.	.	213

LOCATION - OTTAWA  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY;SPRW	2	5.31	80.7	43	78	.	90	164	3.0	.	.	.	.	.	.	.	.
2 FUNDULEA;HRW	4	4.53	80.7	42	53	.	83	167	1.5	.	.	.	.	.	.	.	.
3 AC-MORLEY;HRW	3	4.65	80.5	42	70	.	105	165	.3	.	.	.	.	.	.	.	.
4 HANOVER;HRW	1	5.68	78.3	40	86	.	91	165	1.0	.	.	.	.	.	.	.	.
LOCATIONS		5.04	80.1	42	72	.	92	165	1.5	.	.	.	.	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

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## LEGEND

YLD	-	YIELD (T/HA; 1 T/HA = 14.87 BU/AC)
TSTW	-	TEST WEIGHT (KG/HL)
KW	-	KERNEL WEIGHT (MG)
SUR	-	SURVIVAL (%)
LOG	-	LODGING
HGT	-	HEIGHT (CM)
HDT	-	HEADING DATE (DAYS FROM JAN.1)
MIL	-	MILDEW
LRS	-	LEAF RUST
SEP	-	SEPTORIA
GLB	-	GLUME BLOTCH
HBL	-	HEAD BLIGHT
SSM	-	SPINDLE STREAK MOSAIC VIRUS
BYD	-	BARLEY YELLOW DWARF VIRUS
SRS	-	STEM RUST
MDT	-	MATURITY DATE (DAYS FROM JAN.1)

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## LOCATIONS ABBREVIATIONS

EA	ELORA
BH	BATH
CA	CENTRALIA
GH	GUELPH
HN	HARRISTON
HW	HARROW
ID	INWOOD
KE	KEMPTVILLE
LN	LONDON
MH	MORPETH
NN	NAIRN
O1	OTTAWA-1
O2	OTTAWA-2
RN	RIDGETOWN
WE	WOODSLEE
WK	WOODSTOCK
WP	WINTHROP

## WHEAT CLASS ABBREVIATIONS

HRW	HARD RED WINTER
SPRW	SPECIALTY WHEAT RED WINTER
SRW	SOFT RED WINTER
SWW	SOFT WHITE WINTER

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX  
YEAR(S): 93-96

KEY NAME	AREA I (12)* MEAN	AREA II (24) MEAN	AREA III (7) MEAN	PROV. (43)** MEAN
1 HARUS;SWW	97.0	98.7	94.9	97.6
2 REBECCA;SWW	99.8	100.4	99.1	100.0
3 ZAVITZ;SWW	95.9	97.0	107.3	98.3
4 KARENA;SWW	98.3	98.5	102.4	99.1
5 AC RON;SWW	102.4	101.9	104.1	102.4
6 OAC ARISS;SWW	100.5	99.9	97.7	99.7
7 DELAWARE;SWW	94.3	101.5	101.3	99.5
8 CASEY;SRW	100.1	101.2	101.3	100.9
9 RUBY;SPRW	108.5	100.0	92.5	101.1
10 FUNDULEA;HRW	106.0	101.6	96.9	102.1
11 DIANA;SWW	97.3	99.3	102.5	99.2
OVERALL MEAN	5.11	5.11	5.30	5.14

TRAIT : YIELD INDEX  
YEAR(S): 94-96

KEY NAME	AREA I (11)* MEAN	AREA II (18) MEAN	AREA III (5) MEAN	PROV. (34)** MEAN
1 HARUS;SWW	96.7	95.8	94.8	96.0
2 REBECCA;SWW	100.3	100.7	99.7	100.4
3 ZAVITZ;SWW	95.7	96.0	104.2	97.1
4 KARENA;SWW	98.8	99.5	100.3	99.4
5 AC RON;SWW	103.0	102.4	105.6	103.0
6 OAC ARISS;SWW	100.7	101.2	94.8	100.1
7 DELAWARE;SWW	94.5	102.0	98.7	99.1
8 CASEY;SRW	99.3	100.2	101.3	100.0
9 RUBY;SPRW	108.5	100.3	93.3	101.9
10 FUNDULEA;HRW	105.4	98.0	98.3	100.4
11 DIANA;SWW	97.4	99.7	102.8	99.4
12 MARILEE;SWW	99.7	104.2	106.2	103.1
OVERALL MEAN	5.16	5.45	5.38	5.35

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX  
YEAR(S) : 95-96

KEY NAME	AREA I (8)* MEAN	AREA II (12) MEAN	AREA III (3) MEAN	PROV. (23)** MEAN
1 HARUS;SWW	95.1	96.1	93.5	95.4
2 REBECCA;SWW	97.5	99.0	100.9	98.7
3 ZAVITZ;SWW	95.1	94.5	103.9	95.9
4 KARENA;SWW	97.7	98.7	97.2	98.1
5 AC RON;SWW	102.9	101.3	105.0	102.4
6 OAC ARISS;SWW	100.6	100.8	98.1	100.4
7 DELAWARE;SWW	92.9	101.6	103.2	98.8
8 CASEY;SRW	98.3	99.7	101.7	99.5
9 RUBY;SPRW	109.0	101.2	95.9	103.2
10 FUNDULEA;HRW	105.6	98.9	95.1	100.7
11 DIANA;SWW	95.2	97.5	101.1	97.2
12 MARILEE;SWW	98.5	104.1	101.3	101.8
13 FREEDOM;SRW	111.5	106.7	103.1	107.9
OVERALL MEAN	5.16	5.45	4.95	5.28

TRAIT : YIELD INDEX  
YEAR : 96

KEY NAME	AREA I (4)* MEAN	AREA II (4) MEAN	AREA III (1) MEAN	PROV. (9)** MEAN
1 HARUS;SWW	89.0	93.1	90.2	91.0
2 REBECCA;SWW	94.1	97.5	97.4	96.0
3 ZAVITZ;SWW	90.8	97.8	96.8	94.6
4 KARENA;SWW	92.3	100.5	90.2	95.7
5 AC RON;SWW	98.3	93.6	111.6	97.7
6 OAC ARISS;SWW	99.4	99.9	93.1	98.9
7 DELAWARE;SWW	97.0	106.6	103.2	102.0
8 CASEY;SRW	90.2	98.1	102.3	95.0
9 RUBY;SPRW	109.2	104.9	103.4	106.6
10 FUNDULEA;HRW	99.8	95.7	88.2	96.7
11 DIANA;SWW	92.6	96.4	103.6	95.5
12 MARILEE;SWW	100.6	106.4	103.6	103.5
13 FREEDOM;SRW	108.6	108.4	99.5	107.5
14 PRCW9301;SWW	103.5	80.2	103.6	93.2
15 PRCW9303;SWW	99.3	99.7	102.5	99.8
16 AC MORLEY;HRW	101.2	113.3	90.6	105.4
17 2737W;SWW	109.9	91.9	118.4	102.8
18 2510;SRW	115.0	109.3	93.3	110.0
19 25W33;SWW	104.8	113.9	113.6	109.8
20 HANOVER;HRW	93.8	95.0	110.6	96.2
21 MENDON;SRW	111.8	101.0	92.9	104.9
22 DYNASTY;SRW	100.6	100.7	93.5	99.9
23 F93012-M3;SRW	98.2	96.3	97.6	97.3
OVERALL MEAN	4.32	4.55	5.13	4.51

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

TRAIT : YIELD  
YEAR(S): 93-96

KEY NAME	AREA I (12)* MEAN	AREA II (24) MEAN	AREA III (7) MEAN	PROV.(43)** MEAN
1 HARUS;SWW	4.96	5.03	5.06	5.01
2 REBECCA;SWW	5.11	5.15	5.26	5.16
3 ZAVITZ;SWW	4.91	4.96	5.67	5.06
4 KARENA;SWW	5.03	5.05	5.43	5.11
5 AC RON;SWW	5.26	5.24	5.53	5.29
6 OAC ARISS;SWW	5.13	5.11	5.15	5.12
7 DELAWARE;SWW	4.79	5.20	5.35	5.11
8 CASEY;SRW	5.15	5.19	5.38	5.21
9 RUBY;SPRW	5.49	5.11	4.90	5.18
10 FUNDULEA;HRW	5.42	5.12	5.14	5.21
11 DIANA;SWW	4.97	5.10	5.47	5.12
OVERALL MEAN	5.11	5.11	5.30	5.14

TRAIT : YIELD INDEX

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (12)* MEAN	AREA II (24) MEAN	AREA III (7) MEAN	PROV.(43) MEAN
1 HARUS;SWW	97.0	98.7	94.9	97.6
2 REBECCA;SWW	99.8	100.4	99.1	100.0
3 ZAVITZ;SWW	95.9	97.0	107.3	98.3
4 KARENA;SWW	98.3	98.5	102.4	99.1
5 AC RON;SWW	102.4	101.9	104.1	102.4
6 OAC ARISS;SWW	100.5	99.9	97.7	99.7
7 DELAWARE;SWW	94.3	101.5	101.3	99.5
8 CASEY;SRW	100.1	101.2	101.3	100.9
9 RUBY;SPRW	108.5	100.0	92.5	101.1
10 FUNDULEA;HRW	106.0	101.6	96.9	102.1
11 DIANA;SWW	97.3	99.3	102.5	99.2
OVERALL MEAN	5.11	5.11	5.30	5.14

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

YEAR(S): 93-96  
AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	9	4.96	72.1	35	79	.6	103	158	1.5	3.8	5.3	7.0	2.2	.	1.7	.	196
2 REBECCA;SWW	6	5.11	71.1	35	81	2.1	100	159	1.9	4.3	4.4	2.0	1.7	.	2.7	.	198
3 ZAVITZ;SWW	10	4.91	69.2	39	84	2.5	109	161	1.7	1.5	5.2	3.0	1.8	.	1.6	.	197
4 KARENA;SWW	7	5.03	71.1	33	85	1.6	107	159	1.5	3.3	3.5	5.0	2.2	.	1.4	.	197
5 AC-RON;SWW	3	5.26	69.8	32	87	1.5	107	158	1.7	4.0	4.9	5.0	3.0	.	1.4	.	196
6 OAC-ARISS;SWW	5	5.13	72.9	32	87	1.7	98	159	1.8	4.7	4.4	6.0	1.4	.	1.6	.	196
7 DELAWARE;SWW	11	4.79	67.2	36	87	5.1	102	161	1.0	3.6	5.4	2.0	1.9	.	1.7	.	198
8 CASEY;SRW	4	5.15	70.5	34	80	2.4	98	158	1.5	1.3	4.7	2.0	1.9	.	1.0	.	194
9 RUBY;SPRW	1	5.49	76.0	36	88	1.1	100	157	2.5	.4	6.0	2.0	1.7	.	1.4	.	195
10 FUNDULEA;HRW	2	5.42	75.8	33	79	.4	96	160	2.1	.4	6.1	6.0	1.6	.	.6	.	196
11 DIANA;SWW	8	4.97	69.6	31	84	1.6	104	159	1.7	3.5	4.6	2.0	2.8	.	1.8	.	196
LOCATIONS		12	9	9	3	9	13	12	10	8	3	1	5	0	4	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: RIDGETOWN.

1994: HARROW, RIDGETOWN, INWOOD.

1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S): 93-96  
MGMT : NORMAL  
AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	10	5.03	72.3	35	90	1.1	101	164	.9	3.6	3.5	4.8	2.8	4.0	1.3	3.2	199
2 REBECCA;SWW	4	5.15	70.6	35	91	2.2	97	166	1.5	3.7	3.1	1.7	2.0	5.8	1.8	3.3	202
3 ZAVITZ;SWW	11	4.96	68.9	40	92	2.8	106	166	1.5	1.5	3.5	2.3	1.7	4.3	2.2	2.8	201
4 KARENA;SWW	9	5.05	70.5	34	92	1.5	104	165	1.1	3.0	3.1	3.1	2.2	5.7	2.3	3.6	200
5 AC RON;SWW	1	5.24	70.0	34	92	2.0	103	165	1.5	3.8	3.1	3.0	3.9	3.7	2.7	4.4	200
6 OAC ARISS;SWW	6	5.11	72.2	33	90	1.7	96	166	1.5	4.3	3.2	3.1	2.5	3.3	1.9	3.2	201
7 DELAWARE;SWW	2	5.20	68.3	37	92	4.1	98	167	1.1	4.4	3.0	2.5	2.7	3.7	2.3	3.1	201
8 CASEY;SRW	3	5.19	70.3	35	92	2.0	97	164	1.2	3.1	3.4	3.7	3.7	3.7	1.4	3.4	199
9 RUBY;SPRW	6	5.11	74.3	35	91	1.7	95	164	2.4	1.0	3.5	3.0	2.9	5.0	2.6	2.9	200
10 FUNDULEA;HRW	5	5.12	75.3	33	91	.9	94	166	1.7	.4	3.6	4.9	2.5	1.5	2.0	1.0	200
11 DIANA;SWW	8	5.10	69.1	32	91	1.8	102	166	1.3	2.7	3.4	2.6	3.6	4.8	1.9	3.9	200
LOCATIONS		24	26	26	13	19	25	20	15	5	14	5	5	2	2	5	8

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: WINTHROP NAIRN, LONDON, ELORA, HARRISTON, BATH.

1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON BATH.

1995: NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON.

1996: LONDON, CENTRALIA, ELORA, WOODSTOCK.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

YEAR(S) : 93-96  
 MGMT : NORMAL  
 AREA : 3

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	10	5.06	77.2	37	77	.7	100	168	1.8	.	.	.	.	.	.	.	.
2 REBECCA;SWW	7	5.26	75.8	37	83	1.7	97	168	2.7	.	.	.	.	.	.	.	.
3 ZAVITZ;SWW	1	5.67	75.2	45	89	1.3	105	169	1.9	.	.	.	.	.	.	.	.
4 KARENA;SWW	4	5.43	77.7	37	79	.7	102	168	.6	.	.	.	.	.	.	.	.
5 AC RON;SWW	2	5.53	75.9	36	85	.4	104	168	3.0	.	.	.	.	.	.	.	.
6 OAC ARISS;SWW	8	5.15	78.0	34	83	1.5	95	170	.6	.	.	.	.	.	.	.	.
7 DELAWARE;SWW	6	5.35	74.1	40	87	3.6	96	170	1.0	.	.	.	.	.	.	.	.
8 CASEY;SRW	5	5.38	77.0	37	78	1.3	92	168	1.2	.	.	.	.	.	.	.	.
9 RUBY;SPRW	11	4.90	80.7	38	86	1.1	97	167	4.5	.	.	.	.	.	.	.	.
10 FUNDULEA;HRW	9	5.14	81.2	36	76	1.0	92	170	1.1	.	.	.	.	.	.	.	.
11 DIANA;SWW	3	5.47	75.5	34	85	1.8	102	169	.7	.	.	.	.	.	.	.	.
LOCATIONS		7	7	8	6	3	8	8	2	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: KEMPTVILLE, OTTAWA-1.  
 1994: KEMPTVILLE, OTTAWA-1.  
 1995: KEMPTVILLE, OTTAWA-1.  
 1996: OTTAWA-1.

YEAR(S) : 93-96  
 MGMT : NORMAL  
 AREA(S) : 1- 3

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	11	5.01	73.0	36	85	.9	102	163	1.2	3.7	3.8	5.2	2.5	4.0	1.5	3.2	199
2 REBECCA;SWW	5	5.16	71.6	36	88	2.1	98	164	1.7	4.1	3.3	1.7	1.8	5.8	2.4	3.3	201
3 ZAVITZ;SWW	10	5.06	70.0	40	90	2.6	107	165	1.6	1.5	3.8	2.4	1.8	4.3	1.8	2.8	201
4 KARENA;SWW	8	5.11	71.8	35	87	1.5	105	164	1.2	3.2	3.2	3.4	2.2	5.7	1.7	3.6	200
5 AC RON;SWW	1	5.29	71.0	34	89	1.7	104	164	1.7	4.0	3.5	3.4	3.5	3.7	1.8	4.4	199
6 OAC ARISS;SWW	6	5.12	73.3	33	88	1.6	97	165	1.5	4.6	3.4	3.6	2.0	3.3	1.7	3.2	200
7 DELAWARE;SWW	8	5.11	69.0	38	90	4.4	99	166	1.1	3.9	3.4	2.5	2.3	3.7	1.9	3.1	200
8 CASEY;SRW	2	5.21	71.5	35	86	2.1	96	163	1.3	2.0	3.6	3.4	2.8	3.7	1.1	3.4	198
9 RUBY;SPRW	4	5.18	75.7	36	89	1.5	97	162	2.6	.7	3.9	2.9	2.3	5.0	1.8	2.9	199
10 FUNDULEA;HRW	2	5.21	76.4	33	85	.8	94	165	1.8	.4	4.1	5.1	2.0	1.5	1.1	1.0	199
11 DIANA;SWW	6	5.12	70.3	32	88	1.8	103	164	1.4	3.2	3.6	2.5	3.2	4.8	1.8	3.9	199
LOCATIONS		43	42	43	22	31	46	40	27	13	17	6	10	2	6	5	10

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: RIDGETOWN, WINTHROP, NAIRN, LONDON, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.  
 1994: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.  
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.  
 1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD, LONDON, CENTRALIA, ELORA, WOODSTOCK, OTTAWA

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

TRAIT : YIELD  
YEAR(S): 94-96

KEY NAME	AREA I (11)* MEAN	AREA II (18) MEAN	AREA III (5) MEAN	PROV. (34)++ MEAN
1 HARUS;SWW	5.00	5.23	5.12	5.14
2 REBECCA;SWW	5.19	5.50	5.35	5.38
3 ZAVITZ;SWW	4.96	5.25	5.59	5.21
4 KARENA;SWW	5.11	5.42	5.41	5.32
5 AC RON;SWW	5.34	5.59	5.68	5.52
6 OAC ARISS;SWW	5.19	5.49	5.08	5.33
7 DELAWARE;SWW	4.85	5.56	5.30	5.29
8 CASEY;SRW	5.18	5.49	5.44	5.38
9 RUBY;SPRW	5.54	5.46	5.03	5.43
10 FUNDULEA;HRW	5.46	5.30	5.29	5.35
11 DIANA;SWW	5.03	5.44	5.54	5.32
12 MARILEE;SWW	5.08	5.65	5.70	5.47
OVERALL MEAN	5.16	5.45	5.38	5.35

TRAIT : YIELD INDEX

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (11)* MEAN	AREA II (18) MEAN	AREA III (5) MEAN	PROV. (34) MEAN
1 HARUS;SWW	96.7	95.8	94.8	96.0
2 REBECCA;SWW	100.3	100.7	99.7	100.4
3 ZAVITZ;SWW	95.7	96.0	104.2	97.1
4 KARENA;SWW	98.8	99.5	100.3	99.4
5 AC RON;SWW	103.0	102.4	105.6	103.0
6 OAC ARISS;SWW	100.7	101.2	94.8	100.1
7 DELAWARE;SWW	94.5	102.0	98.7	99.1
8 CASEY;SRW	99.3	100.2	101.3	100.0
9 RUBY;SPRW	108.5	100.3	93.3	101.9
10 FUNDULEA;HRW	105.4	98.0	98.3	100.4
11 DIANA;SWW	97.4	99.7	102.8	99.4
12 MARILEE;SWW	99.7	104.2	106.2	103.1
OVERALL MEAN	5.16	5.45	5.38	5.35

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS



## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

YEAR(S): 94-96  
 MGMT : NORMAL  
 AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	10	5.00	72.2	36	79	.6	103	158	1.5	3.8	5.3	7.0	2.4	.	.6	.	196
2 REBECCA;SWW	4	5.19	71.5	36	81	2.1	101	159	2.0	4.5	4.4	2.0	2.3	.	2.2	.	198
3 ZAVITZ;SWW	11	4.96	69.4	39	84	2.5	110	161	1.8	1.3	5.2	3.0	2.4	.	.8	.	197
4 KARENA;SWW	7	5.11	71.5	34	85	1.6	107	159	1.7	3.3	3.5	5.0	2.8	.	.8	.	197
5 AC RON;SWW	3	5.34	70.3	33	87	1.5	107	159	1.8	4.1	4.9	5.0	4.3	.	.8	.	196
6 OAC ARISS;SWW	4	5.19	73.2	33	87	1.8	98	159	1.8	4.9	4.4	6.0	2.1	.	.9	.	196
7 DELAWARE;SWW	12	4.85	67.5	37	87	5.4	103	161	1.0	3.7	5.4	2.0	2.8	.	.6	.	198
8 CASEY;SRW	6	5.18	70.2	34	80	2.3	99	158	1.6	1.1	4.7	2.0	2.0	.	.3	.	194
9 RUBY;SPRW	1	5.54	76.0	37	88	1.0	101	157	2.5	.4	6.0	2.0	2.0	.	.8	.	195
10 FUNDULEA;HRW	2	5.46	76.0	33	79	.5	97	160	2.2	.3	6.1	6.0	2.0	.	.3	.	196
11 DIANA;SWW	9	5.03	69.7	32	84	1.6	105	160	1.7	3.6	4.6	2.0	3.6	.	1.2	.	196
12 MARILEE;SWW	8	5.08	70.0	38	76	1.2	103	161	2.3	5.2	4.3	2.0	2.9	.	1.7	.	198
LOCATIONS		11	8	8	3	8	11	10	9	6	3	1	3	0	3	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:

1994: HARROW, RIDGETOWN, INWOOD.  
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.  
 1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S): 94-96  
 MGMT : NORMAL  
 AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	12	5.23	73.6	37	88	1.0	101	163	.7	2.9	3.9	4.8	2.8	4.0	.	.3	199
2 REBECCA;SWW	4	5.50	72.5	38	90	2.5	97	165	1.2	2.8	3.5	1.7	2.0	5.8	.	.8	202
3 ZAVITZ;SWW	11	5.25	70.6	41	90	2.8	107	165	1.1	1.3	3.7	2.3	1.7	4.3	.	1.3	201
4 KARENA;SWW	9	5.42	72.7	37	90	1.6	105	165	.9	2.5	3.6	3.1	2.2	5.7	.	2.1	200
5 AC RON;SWW	2	5.59	72.0	37	91	1.9	104	164	1.1	3.0	3.7	3.0	3.9	3.7	.	3.3	200
6 OAC ARISS;SWW	5	5.49	74.4	35	89	1.8	96	165	1.2	3.4	3.5	3.1	2.5	3.3	.	.8	201
7 DELAWARE;SWW	3	5.56	70.2	40	91	4.5	99	166	.8	3.4	3.4	2.5	2.7	3.7	.	.3	201
8 CASEY;SRW	5	5.49	71.8	37	90	2.2	97	164	1.1	2.2	3.8	3.7	3.7	3.7	.	.5	199
9 RUBY;SPRW	7	5.46	75.9	37	90	1.8	97	163	2.2	.8	3.8	3.0	2.9	5.0	.	.0	200
10 FUNDULEA;HRW	10	5.30	76.0	33	89	1.0	95	166	1.6	.5	4.2	4.9	2.5	1.5	.	.0	200
11 DIANA;SWW	8	5.44	70.9	34	89	2.1	101	165	1.1	2.4	3.9	2.6	3.6	4.8	.	.8	200
12 MARILEE;SWW	1	5.65	71.1	40	86	1.7	99	166	1.3	3.2	3.8	2.8	2.6	2.8	.	.0	202
LOCATIONS		18	19	19	11	15	18	15	13	4	10	5	5	2	0	1	8

YIELD AVERAGES WERE BASED ON DATA FROM:

1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.  
 1995: NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON.  
 1996: LONDON, CENTRALIA, WOODSTOCK, ELORA .

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

YEAR(S): 94-96  
 MGMT : NORMAL  
 AREA : 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS;SWW	10 5.12	76.2	36	79	1.0	99	168	1.8	.	.	.	.	.	.	.	.
2 REBECCA;SWW	7 5.35	75.2	37	82	2.5	96	168	2.7	.	.	.	.	.	.	.	.
3 ZAVITZ;SWW	3 5.59	73.9	43	89	2.0	103	169	1.9	.	.	.	.	.	.	.	.
4 KARENA;SWW	6 5.41	76.7	37	79	1.0	100	169	.6	.	.	.	.	.	.	.	.
5 AC RON;SWW	2 5.68	75.2	36	87	.6	101	168	3.0	.	.	.	.	.	.	.	.
6 OAC ARISS;SWW	11 5.08	77.3	34	82	1.5	92	170	.6	.	.	.	.	.	.	.	.
7 DELAWARE;SWW	8 5.30	73.0	39	86	4.7	95	170	1.0	.	.	.	.	.	.	.	.
8 CASEY;SRW	5 5.44	76.2	36	80	2.0	92	168	1.2	.	.	.	.	.	.	.	.
9 RUBY;SPRW	12 5.03	79.3	36	88	1.6	96	167	4.5	.	.	.	.	.	.	.	.
10 FUNDULEA;HRW	9 5.29	79.6	35	80	1.5	91	170	1.1	.	.	.	.	.	.	.	.
11 DIANA;SWW	4 5.54	74.3	34	86	2.0	100	169	.7	.	.	.	.	.	.	.	.
12 MARILEE;SWW	1 5.70	74.0	39	82	.6	99	169	4.0	.	.	.	.	.	.	.	.
LOCATIONS	5	5	6	4	2	6	6	2	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1994: KEMPTVILLE, OTTAWA-1.  
 1995: KEMPTVILLE, OTTAWA-1.  
 1996: OTTAWA-1.

YEAR(S): 94-96  
 MGMT : NORMAL  
 AREA(S): 1- 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS;SWW	12 5.14	73.7	37	85	.9	101	162	1.1	3.5	4.2	5.2	2.6	4.0	.6	.3	199
2 REBECCA;SWW	4 5.38	72.6	37	87	2.3	98	164	1.6	3.8	3.7	1.7	2.1	5.8	2.2	.8	201
3 ZAVITZ;SWW	11 5.21	70.8	41	89	2.6	107	164	1.4	1.3	4.1	2.4	2.0	4.3	.8	1.3	201
4 KARENA;SWW	8 5.32	73.0	36	87	1.5	105	164	1.2	3.0	3.6	3.4	2.4	5.7	.8	2.1	200
5 AC RON;SWW	1 5.52	72.1	36	89	1.7	104	163	1.5	3.7	4.0	3.4	4.1	3.7	.8	3.3	199
6 OAC ARISS;SWW	7 5.33	74.5	34	87	1.8	96	164	1.4	4.3	3.7	3.6	2.4	3.3	.9	.8	200
7 DELAWARE;SWW	10 5.29	69.9	39	89	4.8	99	165	.9	3.6	3.8	2.5	2.7	3.7	.6	.3	200
8 CASEY;SRW	4 5.38	72.1	36	86	2.2	97	163	1.3	1.5	4.0	3.4	3.1	3.7	.3	.5	198
9 RUBY;SPRW	3 5.43	76.4	37	89	1.5	98	162	2.5	.6	4.3	2.9	2.5	5.0	.8	.0	199
10 FUNDULEA;HRW	6 5.35	76.5	34	86	.9	95	165	1.8	.3	4.7	5.1	2.3	1.5	.3	.0	199
11 DIANA;SWW	8 5.32	71.2	34	88	1.9	102	164	1.3	3.1	4.0	2.5	3.6	4.8	1.2	.8	199
12 MARILEE;SWW	2 5.47	71.3	39	84	1.5	100	165	1.9	4.4	3.9	2.7	2.7	2.8	1.7	.0	201
LOCATIONS	34	32	33	18	25	35	31	24	10	13	6	8	2	3	1	10

YIELD AVERAGES WERE BASED ON DATA FROM:

1994: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.  
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.  
 1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD, LONDON, CENTRALIA, WOODSTOCK, ELORA, OTTAWA-1.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

TRAIT : YIELD  
YEAR(S): 95-96

KEY NAME	AREA I (8)* MEAN	AREA II (12) MEAN	AREA III (3) MEAN	PROV. (23)** MEAN
1 HARUS; SWW	4.93	5.23	4.62	5.05
2 REBECCA; SWW	5.05	5.40	4.99	5.22
3 ZAVITZ; SWW	4.94	5.18	5.12	5.09
4 KARENA; SWW	5.05	5.37	4.80	5.19
5 AC RON; SWW	5.35	5.54	5.21	5.43
6 OAC ARISS; SWW	5.19	5.48	4.86	5.30
7 DELAWARE; SWW	4.76	5.53	5.10	5.20
8 CASEY; SRW	5.15	5.48	5.02	5.30
9 RUBY; SPRW	5.56	5.51	4.77	5.43
10 FUNDULEA; HRW	5.48	5.33	4.70	5.30
11 DIANA; SWW	4.91	5.33	5.01	5.14
12 MARILEE; SWW	4.99	5.63	5.00	5.33
13 FREEDOM; SRW	5.68	5.79	5.09	5.66
OVERALL MEAN	5.16	5.45	4.95	5.28

TRAIT : YIELD INDEX

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (8)* MEAN	AREA II (12) MEAN	AREA III (3) MEAN	PROV. (23)** MEAN
1 HARUS; SWW	95.1	96.1	93.5	95.4
2 REBECCA; SWW	97.5	99.0	100.9	98.7
3 ZAVITZ; SWW	95.1	94.5	103.9	95.9
4 KARENA; SWW	97.7	98.7	97.2	98.1
5 AC RON; SWW	102.9	101.3	105.0	102.4
6 OAC ARISS; SWW	100.6	100.8	98.1	100.4
7 DELAWARE; SWW	92.9	101.6	103.2	98.8
8 CASEY; SRW	98.3	99.7	101.7	99.5
9 RUBY; SPRW	109.0	101.2	95.9	103.2
10 FUNDULEA; HRW	105.6	98.9	95.1	100.7
11 DIANA; SWW	95.2	97.5	101.1	97.2
12 MARILEE; SWW	98.5	104.1	101.3	101.8
13 FREEDOM; SRW	111.5	106.7	103.1	107.9
OVERALL MEAN	5.16	5.45	4.95	5.28

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

YEAR(S): 95-96  
 MGMT : NORMAL  
 AREA : 1

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS;SWW	11 4.93	71.7	36	79	.4	104	159	1.1	3.3	4.9	.	3.5	.	.6	.	196
2 REBECCA;SWW	7 5.05	70.8	36	81	1.9	102	159	1.8	4.3	3.5	.	3.0	.	2.2	.	198
3 ZAVITZ;SWW	10 4.94	68.6	39	84	2.7	111	161	1.3	1.4	5.8	.	3.5	.	.8	.	197
4 KARENA;SWW	7 5.05	70.7	34	85	1.5	108	159	1.6	3.4	3.3	.	4.0	.	.8	.	197
5 AC RON;SWW	4 5.35	70.0	33	87	1.2	109	158	1.7	3.9	5.4	.	6.3	.	.8	.	196
6 OAC ARISS;SWW	5 5.19	72.6	32	87	2.2	101	160	1.6	4.9	3.6	.	3.0	.	.9	.	196
7 DELAWARE;SWW	13 4.76	66.9	37	87	5.3	104	161	.8	4.0	5.1	.	4.0	.	.6	.	198
8 CASEY;SRW	6 5.15	69.7	34	80	2.8	100	159	1.0	.9	5.0	.	3.0	.	.3	.	194
9 RUBY;SPRW	2 5.56	75.7	37	88	.7	102	157	2.1	.1	6.1	.	3.0	.	.8	.	195
10 FUNDULEA;HRW	3 5.48	75.4	32	79	.7	98	160	2.0	.1	5.7	.	3.0	.	.3	.	196
11 DIANA;SWW	12 4.91	68.7	31	84	2.1	107	160	1.3	3.6	3.9	.	5.3	.	1.2	.	196
12 MARILEE;SWW	9 4.99	69.9	38	76	1.1	104	161	2.3	5.3	3.4	.	4.0	.	1.7	.	198
13 FREEDOM;SRW	1 5.68	71.7	33	81	1.5	98	158	1.3	.5	4.9	.	3.0	.	.3	.	199
LOCATIONS	8	6	6	3	6	8	7	6	4	2	0	2	0	3	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:  
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.  
 1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S): 95-96  
 MGMT : NORMAL  
 AREA : 2

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS;SWW	12 5.23	73.0	37	89	1.1	105	162	.6	3.2	4.5	1.6	3.3	6.0	.	.3	199
2 REBECCA;SWW	8 5.40	72.0	37	89	3.1	100	164	1.1	3.3	4.1	.4	2.2	8.0	.	.8	202
3 ZAVITZ;SWW	13 5.18	70.4	41	89	2.8	111	164	1.0	1.6	4.2	.6	2.0	5.0	.	1.3	201
4 KARENA;SWW	9 5.37	72.1	36	90	1.6	108	164	.5	3.0	4.1	.8	2.4	8.0	.	2.1	200
5 AC RON;SWW	3 5.54	71.0	36	91	2.1	108	163	.9	3.4	4.5	.6	4.6	6.0	.	3.3	200
6 OAC ARISS;SWW	6 5.48	73.8	34	89	2.2	101	164	1.1	3.8	4.2	.6	2.9	5.3	.	.8	201
7 DELAWARE;SWW	4 5.53	69.3	39	91	5.6	101	165	.8	3.4	3.7	.9	3.1	3.7	.	.3	201
8 CASEY;SRW	6 5.48	71.6	37	89	2.6	100	163	.8	2.3	3.8	.9	4.2	4.3	.	.5	199
9 RUBY;SPRW	5 5.51	76.2	37	90	2.0	102	162	1.8	.5	3.7	.8	3.3	8.0	.	.0	200
10 FUNDULEA;HRW	10 5.33	75.8	33	87	1.3	99	165	1.5	.2	4.1	1.3	3.0	1.0	.	.0	200
11 DIANA;SWW	10 5.33	70.3	34	88	2.6	105	164	1.1	2.8	4.5	.8	4.2	6.7	.	.8	200
12 MARILEE;SWW	2 5.63	70.6	39	84	2.2	103	165	1.3	3.6	4.3	1.3	3.0	1.0	.	.0	202
13 FREEDOM;SRW	1 5.79	73.0	34	85	2.5	99	163	.6	.5	3.6	1.8	2.6	4.3	.	.0	200
LOCATIONS	12	13	13	7	10	12	11	10	3	6	1	4	1	0	1	8

YIELD AVERAGES WERE BASED ON DATA FROM:  
 1995: NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON.  
 1996: LONDON, CENTRALIA, WOODSTOCK, ELORA .

\* DAYS FROM JAN.1  
 A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

YEAR(S): 95-96  
 MGMT : NORMAL  
 AREA : 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS;SWW	13 4.62	74.5	35	76	2.0	96	161	1.4	.	.	.	.	.	.	.	.
2 REBECCA;SWW	8 4.99	73.6	36	78	4.0	93	162	2.3	.	.	.	.	.	.	.	.
3 ZAVITZ;SWW	2 5.12	72.6	42	85	4.0	100	162	1.8	.	.	.	.	.	.	.	.
4 KARENA;SWW	10 4.80	74.8	35	72	2.0	95	163	.9	.	.	.	.	.	.	.	.
5 AC RON;SWW	1 5.21	73.9	35	86	1.0	99	161	2.1	.	.	.	.	.	.	.	.
6 OAC ARISS;SWW	9 4.86	76.3	33	79	1.0	90	163	.3	.	.	.	.	.	.	.	.
7 DELAWARE;SWW	3 5.10	71.5	37	82	5.0	92	164	1.3	.	.	.	.	.	.	.	.
8 CASEY;SRW	5 5.02	74.8	35	76	3.0	89	162	.4	.	.	.	.	.	.	.	.
9 RUBY;SPRW	11 4.77	78.0	36	85	3.0	95	161	3.0	.	.	.	.	.	.	.	.
10 FUNDULEA;HRW	12 4.70	78.7	34	74	3.0	90	164	1.5	.	.	.	.	.	.	.	.
11 DIANA;SWW	6 5.01	72.7	34	82	4.0	98	163	.4	.	.	.	.	.	.	.	.
12 MARILEE;SWW	7 5.00	72.2	37	78	1.0	96	163	1.9	.	.	.	.	.	.	.	.
13 FREEDOM;SRW	4 5.09	73.7	36	77	3.0	90	161	.6	.	.	.	.	.	.	.	.
LOCATIONS		3	3	4	3	1	4	4	1	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:  
 1995: KEMPTVILLE, OTTAWA-1.  
 1996: OTTAWA-1.

YEAR(S): 95-96  
 MGMT : NORMAL  
 AREA(S): 1- 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
1 HARUS;SWW	13 5.05	72.9	36	84	.9	103	161	.8	3.2	4.6	1.6	3.4	6.0	.6	.3	199	
2 REBECCA;SWW	8 5.22	71.9	36	85	2.8	100	162	1.4	3.9	4.0	.4	2.5	8.0	2.2	.8	201	
3 ZAVITZ;SWW	12 5.09	70.2	41	87	2.9	109	163	1.2	1.5	4.6	.6	2.5	5.0	.8	1.3	201	
4 KARENA;SWW	10 5.19	72.1	35	85	1.6	106	162	.9	3.2	3.9	.8	2.9	8.0	.8	2.1	200	
5 AC RON;SWW	2 5.43	71.1	35	89	1.8	106	161	1.3	3.7	4.7	.6	5.1	6.0	.8	3.3	199	
6 OAC ARISS;SWW	5 5.30	73.8	33	87	2.1	99	163	1.2	4.4	4.1	.6	2.9	5.3	.9	.8	200	
7 DELAWARE;SWW	9 5.20	69.0	38	88	5.5	101	164	.8	3.7	4.0	.9	3.4	3.7	.6	.3	200	
8 CASEY;SRW	5 5.30	71.5	36	84	2.7	98	161	.9	1.5	4.1	.9	3.8	4.3	.3	.5	198	
9 RUBY;SPRW	2 5.43	76.3	37	88	1.6	101	160	2.0	.3	4.3	.8	3.2	8.0	.8	.0	199	
10 FUNDULEA;HRW	5 5.30	76.1	33	82	1.2	97	163	1.7	.1	4.5	1.3	3.0	1.0	.3	.0	199	
11 DIANA;SWW	11 5.14	70.2	33	86	2.5	104	162	1.1	3.3	4.4	.8	4.5	6.7	1.2	.8	199	
12 MARILEE;SWW	4 5.33	70.6	38	81	1.7	102	163	1.7	4.5	4.0	1.3	3.3	1.0	1.7	.0	201	
13 FREEDOM;SRW	1 5.66	72.8	34	82	2.2	97	161	.9	.5	4.0	1.8	2.7	4.3	.3	.0	200	
LOCATIONS		23	22	23	13	17	24	22	17	7	8	1	6	1	3	1	10

YIELD AVERAGES WERE BASED ON DATA FROM:  
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK,  
 GUELPH, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.  
 1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD, LONDON, CENTRALIA, WOODSTOCK, ELORA, OTTAWA-1.

\* DAYS FROM JAN.1  
 A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

TRAIT : YIELD  
YEAR : 96

KEY NAME	AREA I (4)* MEAN	AREA II (4) MEAN	AREA III (1)	PROV.(9)** MEAN
1 HARUS;SWW	3.83	4.23	4.63	4.10
2 REBECCA;SWW	4.12	4.43	5.00	4.36
3 ZAVITZ;SWW	3.98	4.46	4.97	4.30
4 KARENA;SWW	3.97	4.55	4.63	4.30
5 AC RON;SWW	4.32	4.28	5.73	4.46
6 OAC ARISS;SWW	4.34	4.53	4.78	4.47
7 DELAWARE;SWW	4.27	4.89	5.30	4.66
8 CASEY;SRW	3.95	4.51	5.25	4.34
9 RUBY;SPRW	4.67	4.81	5.31	4.80
10 FUNDULEA;HRW	4.33	4.27	4.53	4.33
11 DIANA;SWW	4.03	4.40	5.32	4.34
12 MARILEE;SWW	4.29	4.81	5.32	4.64
13 FREEDOM;SRW	4.59	4.90	5.11	4.79
14 PRCW9301;SWW	4.51	3.61	5.32	4.20
15 PRCW9303;SWW	4.35	4.53	5.26	4.53
16 AC MORLEY;HRW	4.30	5.09	4.65	4.69
17 2737W;SWW	4.73	4.16	6.08	4.63
18 2510;SRW	4.92	4.94	4.79	4.92
19 25W33;SWW	4.50	5.23	5.83	4.97
20 HANOVER;HRW	4.04	4.40	5.68	4.38
21 MENDON;SRW	4.86	4.59	4.77	4.73
22 DYNASTY;SRW	4.21	4.56	4.80	4.43
23 F93012-M3;SRW	4.27	4.51	5.01	4.46
OVERALL MEAN	4.32	4.55	5.13	4.51

TRAIT : YIELD INDEX

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (4)* MEAN	AREA II (4) MEAN	AREA III (1) MEAN	PROV.(9)** MEAN
1 HARUS;SWW	89.0	93.1	90.2	91.0
2 REBECCA;SWW	94.1	97.5	97.4	96.0
3 ZAVITZ;SWW	90.8	97.8	96.8	94.6
4 KARENA;SWW	92.3	100.5	90.2	95.7
5 AC RON;SWW	98.3	93.6	111.6	97.7
6 OAC ARISS;SWW	99.4	99.9	93.1	98.9
7 DELAWARE;SWW	97.0	106.6	103.2	102.0
8 CASEY;SRW	90.2	98.1	102.3	95.0
9 RUBY;SPRW	109.2	104.9	103.4	106.6
10 FUNDULEA;HRW	99.8	95.7	88.2	96.7
11 DIANA;SWW	92.6	96.4	103.6	95.5
12 MARILEE;SWW	100.6	106.4	103.6	103.5
13 FREEDOM;SRW	108.6	108.4	99.5	107.5
14 PRCW9301;SWW	103.5	80.2	103.6	93.2
15 PRCW9303;SWW	99.3	99.7	102.5	99.8
16 AC MORLEY;HRW	101.2	113.3	90.6	105.4
17 2737W;SWW	109.9	91.9	118.4	102.8
18 2510;SRW	115.0	109.3	93.3	110.0
19 25W33;SWW	104.8	113.9	113.6	109.8
20 HANOVER;HRW	93.8	95.0	110.6	96.2
21 MENDON;SRW	111.8	101.0	92.9	104.9
22 DYNASTY;SRW	100.6	100.7	93.5	99.9
23 F93012-M3;SRW	98.2	96.3	97.6	97.3
OVERALL MEAN	4.32	4.55	5.13	4.51

\* # OF LOCATIONS  
\*\* AVERAGE ACROSS LOCATIONS



## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

YEAR : 96  
 MGMT : NORMAL  
 AREA(S): 1- 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS;SWW	23	4.10	72.7	36	80	.5	97	165	.2	2.7	5.2	.	3.4	.	1.8	.	203
2 REBECCA;SWW	16	4.36	71.2	35	81	1.0	93	166	.8	2.8	4.0	.	2.5	.	1.5	.	205
3 ZAVITZ;SWW	20	4.30	69.5	39	84	2.0	103	167	.3	1.2	5.1	.	2.5	.	1.5	.	205
4 KARENA;SWW	20	4.30	71.5	34	84	1.0	100	166	.4	2.7	4.0	.	2.9	.	1.3	.	204
5 AC RON;SWW	12	4.46	69.8	33	87	1.0	100	164	.5	3.2	5.2	.	5.1	.	2.3	.	204
6 OAC ARISS;SWW	11	4.47	73.7	32	84	1.6	93	166	.3	3.0	4.2	.	2.9	.	.8	.	204
7 DELAWARE;SWW	7	4.66	67.6	36	86	2.8	96	167	.4	3.2	4.5	.	3.4	.	.8	.	205
8 CASEY;SRW	17	4.34	70.9	34	81	1.3	92	165	.2	1.4	4.4	.	3.8	.	.0	.	203
9 RUBY;SRW	3	4.80	75.8	37	85	1.3	93	163	1.0	.4	4.8	.	3.2	.	.5	.	203
10 FUNDULEA;HRW	19	4.33	74.7	32	76	1.3	89	166	.5	.2	5.4	.	3.0	.	.8	.	203
11 DIANA;SWW	17	4.34	69.1	32	82	1.3	101	166	.3	2.7	4.7	.	4.5	.	.5	.	203
12 MARILEE;SWW	8	4.64	70.1	37	75	.6	97	167	1.0	3.0	3.9	.	3.3	.	3.0	.	205
13 FREEDOM;SRW	4	4.79	72.6	34	77	1.6	90	164	.3	.0	4.7	.	2.7	.	.0	.	203
14 PRCW9301;SWW	22	4.20	67.6	34	87	2.9	102	163	.1	2.5	5.7	.	4.8	.	.0	.	202
15 PRCW9303;SWW	10	4.53	73.1	37	88	1.4	102	166	.4	1.7	4.5	.	3.1	.	.0	.	202
16 AC MORLEY;HRW	6	4.69	76.6	36	82	1.5	109	164	.2	.0	4.3	.	2.0	.	.3	.	204
17 2737W;SWW	8	4.63	69.8	31	84	.3	84	163	.7	1.3	4.7	.	5.2	.	.3	.	203
18 2510;SRW	2	4.92	74.7	35	81	.3	83	165	4.9	.4	3.9	.	4.7	.	.0	.	204
19 25W33;SWW	1	4.97	71.2	30	73	.6	79	165	.2	1.3	3.8	.	3.0	.	1.0	.	204
20 HANOVER;HRW	15	4.38	69.4	36	87	1.0	93	165	1.0	.3	5.0	.	5.4	.	2.0	.	203
21 MENDON;SRW	5	4.73	71.8	38	87	2.5	99	163	.1	2.0	5.1	.	3.6	.	.3	.	202
22 DYNASTY;SRW	14	4.43	74.5	33	87	1.1	92	163	.5	1.1	4.4	.	2.3	.	1.3	.	203
23 F93012-M3;SRW	12	4.46	71.3	31	81	1.6	93	164	.1	2.7	3.0	.	6.4	.	3.5	.	202
LOCATIONS		9	9	9	8	5	9	9	8	3	4	0	6	0	1	0	5

YIELD AVERAGES WERE BASED ON DATA FROM: HARROW, WOODSLEE, RIDGETOWN, INWOOD.  
 LONDON, CENTRALIA, WOODSTOCK, ELORA, OTTAWA-1.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS



## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

## 1996 TRIAL STATISTICS (GRAIN YIELD)

AREA	LOCATION	MEAN (G M-2)	REPS	ERROR SS	ERROR DF	ERROR MS	C.V. %
I	HARROW	492	4	162973	66	2469	10.1%
I	WOODSLEE	608	4	193255	66	2928	8.9%
I	RIDGETOWN	357	4	57948	66	878	8.3%
I	INWOOD	271	6	82409	110	749	10.1%
2	LONDON	380	4	36635	66	555	6.2%
2	CENTRALIA	326	6	82487	110	750	8.4%
2	WOODSTOCK	515	4	75108	66	1138	6.6%
2	ELORA	600	4	238788	66	3618	10.0%
3	OTTAWA	513	4	119656	66	1813	8.3%

## EASTERN CEREAL AND OILSEED RESEARCH CENTRE; SPROUTING RATING

KEY	NAME	RATING
1	HARUS; SWW	MS
2	REBECCA; SWW	VS
3	ZAVITZ; SWW	VS
4	KARENA; SWW	S
5	AC RON; SWW	S
6	OAC ARISS; SWW	MT
7	DELAWARE; SWW	MS-S
8	CASEY; SRW	MT
9	RUBY; SPRW	MT
10	FUNDULEA; HRW	T
11	DIANA; SWW	MS
12	MARILEE; SWW	MS
13	FREEDOM; SRW	T
14	PRCW9301; SWW	S
15	PRCW9303; SWW	S
16	AC MORLEY; HRW	T
17	2737W; SWW	S
18	2510; SRW	T
19	25W33; SWW	MT
20	HANOVER; HRW	T
21	MENDON; SRW	T
22	DYNASTY; SRW	T
23	F93012-M3; SRW	T

S=SUSCEPTIBLE, MS=MODERATELY SUSCEPTIBLE, VS=VERY SUSCEPTIBLE,  
T=TOLERANT, MT=MODERATELY TOLERANT

## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

LOCATION - HARROW  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	22	4.16	72.5	39	.	.	92	159	.5	.	5.0	.	.	.	1.8	.	.
2 REBECCA;SWW	17	4.61	73.2	40	.	.	89	160	.8	.	3.8	.	.	.	1.5	.	.
3 ZAVITZ;SWW	12	5.10	69.7	43	.	.	99	162	.3	.	4.3	.	.	.	1.5	.	.
4 KARENA;SWW	11	5.13	73.4	39	.	.	95	160	2.3	.	2.5	.	.	.	1.3	.	.
5 AC RON;SWW	16	4.74	73.2	39	.	.	89	159	1.0	.	5.3	.	.	.	2.3	.	.
6 OAC ARISS;SWW	13	4.98	74.9	36	.	.	84	160	2.0	.	2.3	.	.	.	.8	.	.
7 DELAWARE;SWW	2	5.44	68.6	43	.	.	91	162	1.0	.	5.8	.	.	.	.8	.	.
8 CASEY;SRW	18	4.55	72.1	37	.	.	89	160	.0	.	5.0	.	.	.	.0	.	.
9 RUBY;SPRW	7	5.27	74.7	38	.	.	91	155	.3	.	5.3	.	.	.	.5	.	.
10 FUNDULEA;HRW	5	5.39	74.9	36	.	.	86	161	.5	.	5.5	.	.	.	.8	.	.
11 DIANA;SWW	14	4.92	72.9	37	.	.	104	161	.0	.	3.8	.	.	.	.5	.	.
12 MARILEE;SWW	10	5.14	72.6	42	.	.	95	164	2.0	.	1.3	.	.	.	3.0	.	.
13 FREEDOM;SRW	18	4.55	73.2	39	.	.	85	159	1.5	.	5.0	.	.	.	.0	.	.
14 PRCW9301;SWW	1	5.45	72.1	39	.	.	103	159	1.0	.	8.0	.	.	.	.0	.	.
15 PRCW9303;SWW	14	4.92	74.1	39	.	.	98	161	2.0	.	4.8	.	.	.	.0	.	.
16 AC MORLEY;HRW	21	4.38	76.9	39	.	.	111	157	1.3	.	3.8	.	.	.	.3	.	.
17 2737W;SWW	8	5.22	70.1	35	.	.	78	156	2.3	.	5.8	.	.	.	.3	.	.
18 2510;SRW	6	5.32	74.0	42	.	.	82	160	8.8	.	1.8	.	.	.	.0	.	.
19 25W33;SWW	9	5.20	71.5	33	.	.	79	160	1.8	.	5.3	.	.	.	1.0	.	.
20 HANOVER;HRW	20	4.54	72.7	40	.	.	94	159	2.0	.	4.8	.	.	.	2.0	.	.
21 MENDON;SRW	4	5.41	73.6	45	.	.	88	159	.8	.	5.0	.	.	.	.3	.	.
22 DYNASTY;SRW	23	3.43	73.3	32	.	.	89	159	.3	.	4.8	.	.	.	1.3	.	.
23 F93012-M3;SRW	3	5.42	73.6	36	.	.	94	159	.3	.	1.5	.	.	.	3.5	.	.
MEANS		4.92	72.9	39	.	.	92	160	1.4	.	4.4	.	.	.	1.0	.	.

LOCATION - WOODSLEE  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	22	5.42	69.7	36	58	.	92	161	.	.	4.8	.	.	.	.	.	.
2 REBECCA;SWW	12	6.15	69.2	37	68	.	94	162	.	.	3.3	.	.	.	.	.	.
3 ZAVITZ;SWW	20	5.50	66.9	39	76	.	105	163	.	.	7.3	.	.	.	.	.	.
4 KARENA;SWW	23	5.07	68.8	35	80	.	102	162	.	.	4.0	.	.	.	.	.	.
5 AC RON;SWW	5	6.63	70.3	35	80	.	105	160	.	.	5.5	.	.	.	.	.	.
6 OAC ARISS;SWW	6	6.45	72.1	33	79	.	96	161	.	.	4.8	.	.	.	.	.	.
7 DELAWARE;SWW	12	6.15	66.2	37	79	.	99	164	.	.	4.3	.	.	.	.	.	.
8 CASEY;SRW	15	5.88	69.8	34	69	.	91	162	.	.	5.0	.	.	.	.	.	.
9 RUBY;SPRW	10	6.20	73.6	39	81	.	99	158	.	.	6.8	.	.	.	.	.	.
10 FUNDULEA;HRW	14	6.00	74.0	33	63	.	87	162	.	.	5.8	.	.	.	.	.	.
11 DIANA;SWW	21	5.47	67.6	33	75	.	98	162	.	.	4.0	.	.	.	.	.	.
12 MARILEE;SWW	17	5.67	68.7	37	60	.	91	163	.	.	5.5	.	.	.	.	.	.
13 FREEDOM;SRW	8	6.30	69.7	34	70	.	89	159	.	.	4.8	.	.	.	.	.	.
14 PRCW9301;SWW	7	6.40	66.5	36	84	.	106	159	.	.	5.5	.	.	.	.	.	.
15 PRCW9303;SWW	3	6.67	71.6	37	86	.	105	161	.	.	4.8	.	.	.	.	.	.
16 AC MORLEY;HRW	11	6.17	74.1	36	81	.	112	158	.	.	5.0	.	.	.	.	.	.
17 2737W;SWW	4	6.65	69.1	35	83	.	92	158	.	.	3.3	.	.	.	.	.	.
18 2510;SRW	2	6.90	73.8	36	73	.	87	161	.	.	7.3	.	.	.	.	.	.
19 25W33;SWW	16	5.75	67.6	30	59	.	78	162	.	.	4.0	.	.	.	.	.	.
20 HANOVER;HRW	18	5.57	68.7	38	78	.	93	161	.	.	6.8	.	.	.	.	.	.
21 MENDON;SRW	1	7.02	70.5	38	85	.	101	158	.	.	5.8	.	.	.	.	.	.
22 DYNASTY;SRW	9	6.22	72.4	31	86	.	97	157	.	.	4.3	.	.	.	.	.	.
23 F93012-M3;SRW	18	5.57	69.5	31	66	.	90	159	.	.	4.0	.	.	.	.	.	.
MEANS		6.08	70.0	35	75	.	96	161	.	.	5.1	.	.	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS







## ONTARIO PERFORMANCE TRIALS; FALL PASTRY &amp; NON-PASTRY WHEAT 1996

LOCATION - OTTAWA-1  
 MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	21	4.63	77.3	40	66	.	91	166	1.4	.	.	.	.	.	.	.	.
2 REBECCA;SWW	14	5.00	76.2	38	69	.	91	165	2.3	.	.	.	.	.	.	.	.
3 ZAVITZ;SWW	15	4.97	75.3	47	81	.	103	166	1.8	.	.	.	.	.	.	.	.
4 KARENA;SWW	21	4.63	76.8	38	66	.	96	166	.9	.	.	.	.	.	.	.	.
5 AC RON;SWW	3	5.73	76.1	38	81	.	94	165	2.1	.	.	.	.	.	.	.	.
6 OAC ARISS;SWW	18	4.78	78.4	35	69	.	86	166	.3	.	.	.	.	.	.	.	.
7 DELAWARE;SWW	9	5.30	73.2	39	75	.	91	167	1.3	.	.	.	.	.	.	.	.
8 CASEY;SRW	11	5.25	77.1	38	70	.	81	165	.4	.	.	.	.	.	.	.	.
9 RUBY;SPRW	8	5.31	80.7	43	78	.	90	164	3.0	.	.	.	.	.	.	.	.
10 FUNDULEA;HRW	23	4.53	80.7	42	53	.	83	167	1.5	.	.	.	.	.	.	.	.
11 DIANA;SWW	5	5.32	74.9	39	69	.	100	166	.4	.	.	.	.	.	.	.	.
12 MARILEE;SWW	5	5.32	75.0	40	68	.	95	166	1.9	.	.	.	.	.	.	.	.
13 FREEDOM;SRW	12	5.11	76.9	42	60	.	84	165	.6	.	.	.	.	.	.	.	.
14 PRCW9301;SWW	5	5.32	72.8	39	79	.	99	163	.0	.	.	.	.	.	.	.	.
15 PRCW9303;SWW	10	5.26	78.6	42	81	.	101	165	1.0	.	.	.	.	.	.	.	.
16 AC MORLEY;HRW	20	4.65	80.5	42	70	.	105	165	.3	.	.	.	.	.	.	.	.
17 2737W;SWW	1	6.08	77.2	36	76	.	81	163	1.9	.	.	.	.	.	.	.	.
18 2510;SRW	17	4.79	80.6	40	71	.	83	164	4.5	.	.	.	.	.	.	.	.
19 25W33;SWW	2	5.83	77.2	35	64	.	74	165	.0	.	.	.	.	.	.	.	.
20 HANOVER;HRW	4	5.68	78.3	40	86	.	91	165	1.0	.	.	.	.	.	.	.	.
21 MENDON;SRW	19	4.77	76.9	44	59	.	93	164	.3	.	.	.	.	.	.	.	.
22 DYNASTY;SRW	16	4.80	79.8	35	73	.	90	163	2.3	.	.	.	.	.	.	.	.
23 F93012-M3;SRW	13	5.01	78.7	36	61	.	95	164	.0	.	.	.	.	.	.	.	.
MEANS		5.13	77.4	39	71	.	91	165	1.3	.	.	.	.	.	.	.	.

LOCATION - RIDGETOWN MISTED  
 MANAGEMENT - FUSARIUM INOCULATION

KEY NAME	FUSARIUM HEAD BLIGHT (0-9)**	DON++
1 HARUS;SWW	0.06 cde+	6.00 ab
2 REBECCA;SWW	0.08 b-e	11.25 ab
3 ZAVITZ;SWW	0.14 a-e	14.75 a
4 KARENA;SWW	0.16 a-e	6.75 ab
5 AC RON;SWW	0.25 ab	6.00 ab
6 OAC ARISS;SWW	0.12 a-e	5.75 ab
7 DELAWARE;SWW	0.12 a-e	10.00 ab
8 CASEY;SRW	0.17 a-e	4.75 ab
9 RUBY;SPRW	0.11 a-e	2.80 b
10 FUNDULEA;HRW	0.04 e	6.50 ab
11 DIANA;SWW	0.30 a	11.75 ab
12 MARILEE;SWW	0.09 b-e	3.00 b
13 FREEDOM;SRW	0.04 de	7.75 ab
14 PRCW9301;SWW	0.25 ab	6.75 ab
15 PRCW9303;SWW	0.19 a-d	4.50 ab
16 AC MORLEY;HRW	0.08 b-e	2.63 b
17 2737W;SWW	0.19 a-d	5.50 ab
18 2510;SRW	0.09 b-e	3.75 ab
19 25W33;SWW	0.09 b-e	11.75 ab
20 HANOVER;HRW	0.20 abc	10.50 ab
21 MENDON;SRW	0.13 a-e	3.00 b
22 DYNASTY;SRW	0.06 cde	0.93 b
23 F93012-M3;SRW	0.24 abc	8.75 ab
MEANS	0.14	6.74

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

\*\* FUSARIUM HEAD BLIGHT INDEX (INCIDENCE\*SEVERITY)

+ MEANS FOLLOWED BY THE SAME LETTER DO NOT SIGNIFICANTLY DIFFER (P=.05, TUKEY'S HSD)

++ PARTS PER MILLION BY TLC

## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

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## LEGEND

YLD	-	YIELD (T/HA; 1 T/HA = 14.87 BU/AC)
TSTW	-	TEST WEIGHT (KG/HL)
KW	-	KERNEL WEIGHT (MG)
LOG	-	LODGING
HGT	-	HEIGHT (CM)
HDT	-	HEADING DATE (DAYS FROM PLANTING)
MIL	-	MILDEW
LRS	-	LEAF RUST
SEP	-	SEPTORIA
GLB	-	GLUME BLOTCH
HBL	-	HEAD BLIGHT
SSM	-	SPINDLE STREAK MOSAIC VIRUS
BYD	-	BARLEY YELLOW DWARF VIRUS
MAT	-	MATURITY (DAYS FROM PLANTING)

## WHEAT CLASS ABBREVIATIONS

EFS	-	EASTERN FEED SPRING
HRS	-	HARD RED SPRING
PWS	-	PACIFIC WHITE SPRING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## LOCATIONS ABBREVIATIONS

BH	BATH
EA	ELORA
EO	EMO
HN	HARRISTON
KE	KEMPTVILLE
LL	LISTOWEL
NL	NEW LISKEARD
NN	NAIRN
O1	OTTAWA-1
WP	WINTHROP

DESCRIPTION OF VARIETIES/LINES TESTED

Variety Name;class type: experimental designation - pedigree - breeder,institute - sponsor, distributor - date, number and type of registration.

- Celtic;HRS: Agripro - W.G.Thompson & Sons Ltd. - 04/1993, 3758, Regional Registration for Nfld,PEI,NS,NB,ON,PQ.
- CDC Teal;HRS: CDC Saskatchewan - W.G.Thompson & Sons Ltd. - 05/1991, 3436 Full Registration for Canada.
- Pacific;HRS: BW90 - RL4302/RL4356//RL4359/RL4353 - Agriculture and AgriFood Canada Winnipeg, Manitoba - Univ.of Guelph/C&M Seeds - 11/1994, 4008, Regional Registration for Nfld,PEI,NS,NB,ON.
- AC Voyageur;HRS: QW522.3 - Dubuc, Agriculture & Agri-Food Canada, Ste.Foy, PQ Co-operative Federee de Quebec - 03/94 3897,Regional Registration for Nfld,PEI,NS,NB,ON,PQ.
- Grandin;HRS: BW166, ND626 - Len//Butte\*2/ND507/3/ND593 North Dakota State University - SeCan - 03/1995,I-130 Regional Interim Registration for Nfld,PEI,NS,NB,ON,PQ.
- Quantum;HRS: CM93609 - line BWS-01/line WBF16-3-2 - Planzenzucht,Oberlimpurg, GDR - C&M Seeds - 03/1996,I-194,Interim Regional Registration for Nfld,PEI,NS,NB,ON,PQ.
- Roblin;HRS: BW92 - Cambell,Agriculture & Agri-Food,Winnipeg,MB - SeCan 05/86 2669,Full Registration for Canada
- AC Domain;HRS: BW148 - Townley-Smith,Agriculture & Agri-Food,Winnipeg,MB - SeCan 12/93, Full Registration for Canada
- AC Barrie;HRS: BW661 - Depauw,Agriculture & Agri-Food,Swift Current,SK SeCan - 08/94 3980,Full Registration for Canada
- AC Walton;HRS: AW197 - H.Nass,Agriculture & Agri-Food,Charlottetown,PEI - SeCan - Interim Registration for Nfld,PEI,NS,NB,ON,PQ.
- AC Karma;PWS: HY395 - Depauw,Agriculture & Agri-Food,Swift Current,SK SeCan - 10/94 3991,Full Registration for Canada
- AC Gabriel;EFS: AW204 - H.Nass,Agriculture & Agri-Food,Charlottetown,PEI - William Houde Ltee - 06/95 4151, Regional Registration for Nfld,PEI,NS,NB,ON,PQ.
- QW547:31;HRS: Columbus//Columbus/Dundas - Dubuc, Agriculture & Agri-Food Canada, Ste.Foy, PQ - Prograin Inc. - Registration pending.
- Diablo;HRS: QW546.17 - Columbus//Columbus/Dundas - Dubuc, Agriculture & Agri-Food Canada, Ste.Foy, PQ - Prograin Inc. - 11/95, 4194 Regional Registration for Nfld,PEI,NS,NB,PQ.Extended to ON 03/96
- AC Pollet;HRS: QW500.45 - Dubuc, Agriculture & Agri-Food Canada, Ste.Foy,PQ - Agrocentre Belcan - 08/95 4175,Regional Registration for Nfld, PEI,NS,NB,ON,PQ.



## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX  
YEAR(S): 93-96

KEY NAME	AREAI (12)*	AREA III (7)	AREA V (6)	PROV.(25)**
1 CELTIC;HRS	98.1	97.3	97.3	97.7
2 CDC TEAL;HRS	98.3	99.8	98.0	98.6
3 PACIFIC;HRS	103.7	102.9	104.7	103.7
OVERALL MEAN	3.32	4.02	3.63	3.59

TRAIT : YIELD INDEX  
YEAR(S): 94-96

KEY NAME	AREAI (9)*	AREA III (6)	AREA V (5)	PROV.(25)**
1 CELTIC;HRS	98.9	95.3	97.0	97.3
2 CDC TEAL;HRS	97.6	100.3	96.6	98.2
3 PACIFIC;HRS	103.8	102.6	103.5	103.3
4 AC VOYAGEUR;HRS	99.8	101.8	102.9	101.2
OVERALL MEAN	3.37	3.90	3.42	3.54

TRAIT : YIELD INDEX  
YEAR(S): 93-96+

KEY NAME	AREAI (9)*	AREA III (5)	AREAS II-111(14)**
1 CELTIC;HRS	96.3	92.2	94.8
2 CDC TEAL;HRS	98.2	96.7	97.7
3 PACIFIC;HRS	103.3	99.7	102.0
5 GRANDIN;HRS	102.2	111.4	105.5
OVERALL MEAN	3.47	4.36	3.79

TRAIT : YIELD INDEX  
YEAR(S): 96

KEY NAME	AREAI(3)*	AREAI(2)	AREASII-111(5)	AREAS II-V(5)**
1 CELTIC;HRS	96.9	79.3	89.7	88.2
2 CDC TEAL;HRS	97.0	103.8	99.5	95.0
3 PACIFIC;HRS	103.8	106.8	104.8	100.4
4 AC VOYAGEUR;HRS	97.8	102.3	99.4	95.5
5 GRANDIN;HRS	104.5	108.6	105.9	.
6 QUANTUM;HRS	118.0	110.1	114.6	111.9
7 ROBLIN;HRS	98.4	94.6	96.7	.
8 AC DOMAIN;HRS	92.3	96.5	93.8	.
9 AC BARRIE;HRS	94.3	92.1	93.2	.
10 AC WALTON;HRS	84.3	105.5	92.6	.
11 AC KARMA;PWS	98.7	86.0	93.4	.
12 AC GABRIEL;EFS	110.0	109.5	109.6	105.8
13 QW547:31;HRS	103.8	111.9	106.8	103.3
14 DIABLO;HRS	.	88.0	.	.
15 AC POLLET;HRS	.	105.3	.	.
OVERALL MEAN	3.91	4.10	4.00	4.08

+ 1994 DATA WERE EXCLUDED FROM SUMMARIES BECAUSE GRANDIN WAS NOT GROWN IN TRIAL.  
\* # OF LOCATIONS  
\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX  
 YEAR(S): 93-96

KEY NAME	AREAI (12)*	AREA III ( 7)	AREA V ( 6)	PROV.(25)**
1 CELTIC;HRS	3.26	3.93	3.51	3.51
2 CDC TEAL;HRS	3.27	4.00	3.58	3.55
3 PACIFIC;HRS	3.44	4.15	3.81	3.73
OVERALL MEAN	3.32	4.02	3.63	3.59

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX  
 YEAR(S): 93-96

KEY NAME	AREAI (12)*	AREA III ( 7)	AREA V ( 6)	PROV.(25)**
1 CELTIC;HRS	98.1	97.3	97.3	97.7
2 CDC TEAL;HRS	98.3	99.8	98.0	98.6
3 PACIFIC;HRS	103.7	102.9	104.7	103.7
OVERALL MEAN	3.32	4.02	3.63	3.59

+ MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

94  
ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

YEAR(S): 93-96  
MGMT : NORMAL  
AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	3	3.26	75.5	36	1.0	87	55	2.8	.4	4.0	1.4	1.4	.	.	1.3	92
2 CDC TEAL;HRS	2	3.27	74.2	34	1.5	96	55	2.4	1.3	4.2	1.9	2.0	.	.	2.8	90
3 PACIFIC;HRS	1	3.44	75.5	34	3.1	106	55	1.6	1.3	3.5	1.9	1.9	.	.	2.3	91
LOCATIONS		12	13	13	6	12	12	10	4	10	2	5	0	0	2	3

YIELD AVERAGES WERE BASED ON DATA FROM:  
1993: WINTHROP, ELORA, HARRISTON. 1994: WINTHROP, ELORA, HARRISTON.  
1995: WINTHROP, ELORA, HARRISTON. 1996: WINTHROP, ELORA, HARRISTON.

YEAR(S): 93-96  
MGMT : NORMAL  
AREA : 3

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	3	3.93	80.0	34	.9	84	55	3.3	.	.	.	.	.	.	.	.
2 CDC TEAL;HRS	2	4.00	80.1	34	.7	96	56	2.0	.	.	.	.	.	.	.	.
3 PACIFIC;HRS	1	4.15	81.6	35	3.5	105	55	.6	.	.	.	.	.	.	.	.
LOCATIONS		7	7	7	4	6	5	1	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:  
1993: OTTAWA-1. 1994: KEMPTVILLE, OTTAWA-1.  
1995: KEMPTVILLE, OTTAWA-1. 1996: KEMPTVILLE, OTTAWA-1.

YEAR(S): 93-96  
MGMT : NORMAL  
AREA : 5

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	3	3.51	73.8	32	1.0	82	53	.	.	6.3	.	.	.	.	.	100
2 CDC TEAL;HRS	2	3.58	73.5	33	1.6	92	54	.	.	7.5	.	.	.	.	.	100
3 PACIFIC;HRS	1	3.81	74.0	34	1.9	100	53	.	.	6.8	.	.	.	.	.	101
LOCATIONS		6	7	7	5	7	5	0	0	1	0	0	0	0	0	3

YIELD AVERAGES WERE BASED ON DATA FROM:  
1993: LISKEARD. 1994: NEW LISKEARD, EMO.  
1995: NEW LISKEARD, EMO. 1996: NEW LISKEARD.

YEAR(S): 93-96  
MGMT : NORMAL  
AREA(S): 2- 5

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	3	3.51	76.2	35	1.0	85	55	2.9	.4	4.2	1.4	1.4	.	.	1.3	96
2 CDC TEAL;HRS	2	3.55	75.6	34	1.3	95	55	2.3	1.3	4.5	1.9	2.0	.	.	2.8	95
3 PACIFIC;HRS	1	3.73	76.7	34	2.8	104	55	1.5	1.3	3.8	1.9	1.9	.	.	2.3	96
LOCATIONS		25	27	27	15	25	22	11	4	11	2	5	0	0	2	6

YIELD AVERAGES WERE BASED ON DATA FROM:  
1993: WINTHROP, ELORA, HARRISTON, OTTAWA-1, LISKEARD.  
1994: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1, NEW LISKEARD, EMO.  
1995: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1, NEW LISKEARD, EMO.  
1996: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1, EMO.

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS  
\* DAYS FROM PLANTING

## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

TRAIT : YIELD INDEX  
 YEAR(S): 94-96

KEY NAME	AREA II (9)*	AREA III (6)	AREA V (5)	PROV. (20)**
1 CELTIC;HRS	3.34	3.72	3.31	3.44
2 CDC TEAL;HRS	3.29	3.91	3.32	3.49
3 PACIFIC;HRS	3.50	4.02	3.54	3.67
4 AC VOYAGEUR;HRS	3.37	3.97	3.52	3.59
OVERALL MEAN	3.37	3.90	3.42	3.54

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II (9)*	AREA III (6)	AREA V (5)	PROV. (20)**
1 CELTIC;HRS	98.9	95.3	97.0	97.3
2 CDC TEAL;HRS	97.6	100.3	96.6	98.2
3 PACIFIC;HRS	103.8	102.6	103.5	103.3
4 AC VOYAGEUR;HRS	99.8	101.8	102.9	101.2
OVERALL MEAN	3.37	3.90	3.42	3.54

+ MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS  
 \* # OF LOCATIONS  
 \*\* AVERAGE ACROSS LOCATIONS

96  
ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

YEAR(S): 94-96  
MGMT : NORMAL  
AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	3	3.34	76.2	37	1.2	85	54	2.5	.4	3.8	1.4	1.4	.	.	.	92
2 CDC TEAL;HRS	4	3.29	74.4	34	1.7	93	54	1.9	.4	4.4	1.9	2.0	.	.	.	90
3 PACIFIC;HRS	1	3.50	75.7	35	3.6	104	54	1.4	.8	3.9	1.9	1.9	.	.	.	91
4 AC VOYAGEUR;HRS	2	3.37	74.7	33	2.7	104	57	3.3	1.3	3.7	2.2	.6	.	.	.	93
LOCATIONS		9	10	10	5	9	9	8	3	7	2	5	0	0	0	3

YIELD AVERAGES WERE BASED ON DATA FROM: 1994: WINTHROP, ELORA, HARRISTON.  
1995: WINTHROP, ELORA, HARRISTON. 1996: WINTHROP, ELORA, HARRISTON.

YEAR(S): 94-96  
MGMT : NORMAL  
AREA : 3

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	4	3.72	81.0	36	1.2	83	56	3.3	.	.	.	.	.	.	.	.
2 CDC TEAL;HRS	3	3.91	80.7	34	.9	95	56	2.0	.	.	.	.	.	.	.	.
3 PACIFIC;HRS	1	4.02	82.0	36	3.6	103	55	.6	.	.	.	.	.	.	.	.
4 AC VOYAGEUR;HRS	2	3.97	80.3	34	2.1	102	58	3.8	.	.	.	.	.	.	.	.
LOCATIONS		6	6	6	3	5	4	1	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM: 1994: KEMPTVILLE, OTTAWA-1.  
1995: KEMPTVILLE, OTTAWA-1. 1996: KEMPTVILLE, OTTAWA-1.

YEAR(S): 94-96  
MGMT : NORMAL  
AREA : 5

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	4	3.31	74.1	31	1.3	80	52	.	.	.	.	.	.	.	.	100
2 CDC TEAL;HRS	3	3.32	73.3	32	2.0	90	52	.	.	.	.	.	.	.	.	100
3 PACIFIC;HRS	1	3.54	75.0	33	2.3	98	52	.	.	.	.	.	.	.	.	101
4 AC VOYAGEUR;HRS	2	3.52	73.5	33	2.0	97	56	.	.	.	.	.	.	.	.	101
LOCATIONS		5	5	5	3	5	4	0	0	0	0	0	0	0	0	3

YIELD AVERAGES WERE BASED ON DATA FROM: 1994: NEW LISKEARD, EMO.  
1995: NEW LISKEARD, EMO. 1996: NEW LISKEARD.

YEAR(S): 94-96  
MGMT : NORMAL  
AREA(S): 2- 5

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	4	3.44	77.1	35	1.2	83	54	2.6	.4	3.8	1.4	1.4	.	.	.	96
2 CDC TEAL;HRS	3	3.49	75.9	34	1.6	93	54	1.9	.4	4.4	1.9	2.0	.	.	.	95
3 PACIFIC;HRS	1	3.67	77.3	35	3.3	102	54	1.3	.8	3.9	1.9	1.9	.	.	.	96
4 AC VOYAGEUR;HRS	2	3.59	76.0	33	2.3	101	57	3.4	1.3	3.7	2.2	.6	.	.	.	97
LOCATIONS		20	21	21	11	19	17	9	3	7	2	5	0	0	0	6

YIELD AVERAGES WERE BASED ON DATA FROM:  
1994: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1, NEW LISKEARD, EMO.  
1995: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1, NEW LISKEARD, EMO.  
1996: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1, EMO.

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS  
\* DAYS FROM PLANTING

## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

TRAIT : YIELD INDEX  
 YEAR(S): 93-96\*\*

KEY NAME	AREA II (9)*	AREA III (5)	AREAS II-111(14)+
1 CELTIC;HRS	3.35	4.04	3.59
2 CDC TEAL;HRS	3.41	4.19	3.69
3 PACIFIC;HRS	3.58	4.35	3.85
5 GRANDIN;HRS	3.54	4.87	4.01
OVERALL MEAN	3.47	4.36	3.79

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II (9)*	AREA III (5)	AREAS II-111(14)+
1 CELTIC;HRS	96.3	92.2	94.8
2 CDC TEAL;HRS	98.2	96.7	97.7
3 PACIFIC;HRS	103.3	99.7	102.0
5 GRANDIN;HRS	102.2	111.4	105.5
OVERALL MEAN	3.47	4.36	3.79

+ AVERAGE ACROSS LOCATIONS

\* # OF LOCATIONS

\*\* 1994 DATA WERE EXCLUDED FROM SUMMARIES BECAUSE GRANDIN WAS NOT GROWN IN TRIAL.

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

YEAR(S): 93-96\*\*  
 MGMT : NORMAL  
 AREA : 2

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 CELTIC;HRS	4	3.35	75.4	36	.4	86	55	3.3	.4	4.3	.	1.4	.	.	1.3	92
2 CDC TEAL;HRS	3	3.41	74.1	34	1.2	97	55	2.8	1.3	4.2	.	2.2	.	.	2.8	90
3 PACIFIC;HRS	1	3.58	75.4	34	2.8	107	55	1.8	1.3	3.6	.	2.1	.	.	2.3	91
5 GRANDIN;HRS	2	3.54	75.5	37	.8	89	54	2.8	.9	5.1	.	1.6	.	.	2.5	92
LOCATIONS		9	10	10	4	9	9	7	4	8	0	4	0	0	2	3

YIELD AVERAGES WERE BASED ON DATA FROM:  
 1993: WINTHROP, ELORA, HARRISTON.  
 1995: WINTHROP, ELORA, HARRISTON.  
 1996: WINTHROP, ELORA, HARRISTON.

YEAR(S): 93-96\*\*  
 MGMT : NORMAL  
 AREA : 3

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 CELTIC;HRS	4	4.04	79.5	34	1.2	86	55	3.3	.	.	.	.	.	.	.	.
2 CDC TEAL;HRS	3	4.19	79.8	33	.9	102	56	2.0	.	.	.	.	.	.	.	.
3 PACIFIC;HRS	2	4.35	81.3	35	3.9	110	55	.6	.	.	.	.	.	.	.	.
5 GRANDIN;HRS	1	4.87	81.5	38	.3	90	54	2.3	.	.	.	.	.	.	.	.
LOCATIONS		5	5	5	3	4	3	1	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:  
 1993: OTTAWA-1.  
 1995: KEMPTVILLE, OTTAWA-1.  
 1996: KEMPTVILLE, OTTAWA-1.

YEAR(S): 93-96\*\*  
 MGMT : NORMAL  
 AREA(S): 2-3

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 CELTIC;HRS	4	3.59	76.8	35	.7	86	55	3.3	.4	4.3	.	1.4	.	.	1.3	92
2 CDC TEAL;HRS	3	3.69	76.0	34	1.1	99	55	2.7	1.3	4.2	.	2.2	.	.	2.8	90
3 PACIFIC;HRS	2	3.85	77.3	34	3.3	108	55	1.7	1.3	3.6	.	2.1	.	.	2.3	91
5 GRANDIN;HRS	1	4.01	77.5	37	.6	89	54	2.7	.9	5.1	.	1.6	.	.	2.5	92
LOCATIONS		14	15	15	7	13	12	8	4	8	0	4	0	0	2	3

YIELD AVERAGES WERE BASED ON DATA FROM:  
 1993: WINTHROP, ELORA, HARRISTON, OTTAWA-1.  
 1995: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.  
 1996: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS  
 \* DAYS FROM PLANTING  
 \*\* 1994 DATA WERE EXCLUDED FROM SUMMARIES BECAUSE GRANDIN WAS NOT GROWN IN TRIAL.

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

TRAIT : YIELD INDEX  
YEAR(S): 96

KEY NAME	AREAI(3)*	AREAI(2)	AREASII-111(5)	AREAS II-V(6)**
1 CELTIC;HRS	3.80	3.26	3.58	3.59
2 CDC TEAL;HRS	3.80	4.26	3.98	3.88
3 PACIFIC;HRS	4.07	4.39	4.19	4.11
4 AC VOYAGEUR;HRS	3.84	4.19	3.98	3.90
5 GRANDIN;HRS	4.09	4.46	4.24	.
6 QUANTUM;HRS	4.62	4.52	4.58	4.56
7 ROBLIN;HRS	3.86	3.87	3.86	.
8 AC DOMAIN;HRS	3.61	3.95	3.75	.
9 AC BARRIE;HRS	3.69	3.77	3.72	.
10 AC WALTON;HRS	3.29	4.30	3.70	.
11 AC KARMA;PWS	3.86	3.53	3.73	4.30
12 AC GABRIEL;EFS	4.29	4.46	4.36	4.21
13 QW547:31;HRS	4.06	4.59	4.27	.
14 DIABLO;HRS	.	3.60	.	.
15 AC POLLET;HRS	.	4.31	.	.
OVERALL MEAN	3.91	4.10	4.00	4.08

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREAI(3)*	AREAI(2)	AREASII-111(5)	AREAS II-V(6)**
1 CELTIC;HRS	96.9	79.3	89.7	88.2
2 CDC TEAL;HRS	97.0	103.8	99.5	95.0
3 PACIFIC;HRS	103.8	106.8	104.8	100.4
4 AC VOYAGEUR;HRS	97.8	102.3	99.4	95.5
5 GRANDIN;HRS	104.5	108.6	105.9	.
6 QUANTUM;HRS	118.0	<del>105.0</del> 110.1	114.6	111.9
7 ROBLIN;HRS	98.4	94.6	96.7	.
8 AC DOMAIN;HRS	92.3	96.5	93.8	.
9 AC BARRIE;HRS	94.3	92.1	93.2	.
10 AC WALTON;HRS	84.3	105.5	92.6	.
11 AC KARMA;PWS	98.7	86.0	93.4	.
12 AC GABRIEL;EFS	110.0	109.5	109.6	105.8
13 QW547:31;HRS	103.8	<del>111.3</del> 111.3	106.8	103.3
14 DIABLO;HRS	.	93.1	.	.
15 AC POLLET;HRS	.	<del>105.9</del> 105.3	.	.
OVERALL MEAN	3.91	4.10	4.00	4.08

\* # OF LOCATIONS  
\*\* AVERAGE ACROSS LOCATIONS



## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

YEAR : 96  
AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	9	3.80	77.5	40	.3	88	53	1.4	.4	4.7	.	1.0	.	.	.	94
2 CDC TEAL;HRS	9	3.80	75.9	38	1.0	99	53	1.8	.4	5.0	.	1.7	.	.	.	92
3 PACIFIC;HRS	4	4.07	77.5	38	3.2	111	54	1.8	.8	4.6	.	1.4	.	.	.	93
4 AC VOYAGEUR;HRS	8	3.84	76.0	37	1.0	111	58	3.0	1.3	4.8	.	.6	.	.	.	95
5 GRANDIN;HRS	3	4.09	78.3	43	.5	90	52	2.3	.5	5.3	.	1.0	.	.	.	94
6 QUANTUM;HRS	1	4.62	78.6	45	.6	95	53	.0	1.8	4.7	.	.6	.	.	.	91
7 ROBLIN;HRS	6	3.86	75.6	39	1.6	102	49	3.9	.9	5.9	.	1.4	.	.	.	91
8 AC DOMAIN;HRS	12	3.61	76.5	35	1.5	99	53	2.3	.3	6.1	.	.8	.	.	.	92
9 AC BARRIE;HRS	11	3.69	76.6	37	.2	103	55	4.5	1.9	6.4	.	.6	.	.	.	94
10 AC WALTON;HRS	13	3.29	71.5	34	.4	106	59	.5	3.6	5.5	.	1.1	.	.	.	97
11 AC KARMA;PWS	6	3.86	74.1	36	.3	98	57	2.3	1.1	5.4	.	1.1	.	.	.	95
12 AC GABRIEL;EFS	2	4.29	72.1	36	.3	118	57	1.0	4.4	5.2	.	1.4	.	.	.	96
13 QW547:31;HRS	5	4.06	75.9	40	.5	106	55	3.4	1.1	6.4	.	.7	.	.	.	95
LOCATIONS		3	3	3	2	3	3	2	3	3	0	3	0	0	0	2

YIELD AVERAGES WERE BASED ON DATA FROM: WINTHROP, ELORA, HARRISTON.

YEAR : 96  
AREA : 3

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	15	3.26	81.7	35	3.5	91	54	3.3	.	.	.	.	.	.	.	.
2 CDC TEAL;HRS	8	4.26	82.3	36	2.0	108	55	2.0	.	.	.	.	.	.	.	.
3 PACIFIC;HRS	5	4.39	83.3	37	4.3	115	54	.6	.	.	.	.	.	.	.	.
4 AC VOYAGEUR;HRS	9	4.19	81.7	35	2.8	110	55	3.8	.	.	.	.	.	.	.	.
5 GRANDIN;HRS	3	4.46	83.5	37	1.0	96	54	2.3	.	.	.	.	.	.	.	.
6 QUANTUM;HRS	2	4.52	83.8	44	1.0	97	55	.5	.	.	.	.	.	.	.	.
7 ROBLIN;HRS	11	3.87	82.3	38	2.3	104	53	4.6	.	.	.	.	.	.	.	.
8 AC DOMAIN;HRS	10	3.95	82.6	35	2.3	104	53	.9	.	.	.	.	.	.	.	.
9 AC BARRIE;HRS	12	3.77	82.8	36	5.0	107	55	4.4	.	.	.	.	.	.	.	.
10 AC WALTON;HRS	7	4.30	78.4	35	1.5	104	56	.5	.	.	.	.	.	.	.	.
11 AC KARMA;PWS	14	3.53	78.5	31	2.8	94	55	2.3	.	.	.	.	.	.	.	.
12 AC GABRIEL;EFS	3	4.46	79.2	34	8.3	110	56	.4	.	.	.	.	.	.	.	.
13 QW547:31;HRS	1	4.59	83.5	40	1.0	110	55	5.1	.	.	.	.	.	.	.	.
14 DIABLO;HRS	13	3.60	81.9	33	2.8	105	55	8.1	.	.	.	.	.	.	.	.
15 AC POLLET;HRS	6	4.31	82.3	39	7.5	115	56	3.6	.	.	.	.	.	.	.	.
LOCATIONS		2	2	2	1	2	1	1	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM: KEMPTVILLE, OTTAWA.

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS  
\* DAYS FROM PLANTING

## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

YEAR : 96  
 MGMT : NORMAL  
 AREA(S): 2- 3

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 CELTIC;HRS	13	3.58	79.2	38	1.3	89	53	2.0	.4	4.7	.	1.0	.	.	.	94
2 CDC TEAL;HRS	6	3.98	78.4	37	1.3	103	54	1.8	.4	5.0	.	1.7	.	.	.	92
3 PACIFIC;HRS	5	4.19	79.9	37	3.5	113	54	1.4	.8	4.6	.	1.4	.	.	.	93
4 AC VOYAGEUR;HRS	6	3.98	78.3	36	1.6	111	57	3.3	1.3	4.8	.	.6	.	.	.	95
5 GRANDIN;HRS	4	4.24	80.4	40	.7	93	53	2.3	.5	5.3	.	1.0	.	.	.	94
6 QUANTUM;HRS	1	4.58	80.7	44	.8	95	54	.2	1.8	4.7	.	.6	.	.	.	91
7 ROBLIN;HRS	8	3.86	78.3	38	1.9	103	50	4.1	.9	5.9	.	1.4	.	.	.	91
8 AC DOMAIN;HRS	9	3.75	78.9	35	1.8	101	53	1.8	.3	6.1	.	.8	.	.	.	92
9 AC BARRIE;HRS	11	3.72	79.1	37	1.8	104	55	4.5	1.9	6.4	.	.6	.	.	.	94
10 AC WALTON;HRS	12	3.70	74.2	34	.8	105	58	.5	3.6	5.5	.	1.1	.	.	.	97
11 AC KARMA;PWS	10	3.73	75.8	34	1.1	96	57	2.3	1.1	5.4	.	1.1	.	.	.	95
12 AC GABRIEL;EFS	2	4.36	74.9	35	2.9	115	57	.8	4.4	5.2	.	1.4	.	.	.	96
13 QW547:31;HRS	3	4.27	78.9	40	.7	107	55	4.0	1.1	6.4	.	.7	.	.	.	95
LOCATIONS		5	5	5	3	5	4	3	3	3	0	3	0	0	0	2

YIELD AVERAGES WERE BASED ON DATA FROM: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.

YEAR : 96  
 AREA(S): 2- 5

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 CELTIC;HRS	7	3.59	78.3	37	1.3	89	53	2.0	.4	4.7	.	1.0	.	.	.	98
2 CDC TEAL;HRS	6	3.88	77.4	36	1.5	101	54	1.8	.4	5.0	.	1.7	.	.	.	97
3 PACIFIC;HRS	4	4.11	78.8	37	3.4	111	54	1.4	.8	4.6	.	1.4	.	.	.	99
4 AC VOYAGEUR;HRS	5	3.90	77.3	35	1.7	109	58	3.3	1.3	4.8	.	.6	.	.	.	100
6 QUANTUM;HRS	1	4.56	79.9	42	.8	94	54	.2	1.8	4.7	.	.6	.	.	.	97
12 AC GABRIEL;EFS	2	4.30	74.1	34	2.7	112	58	.8	4.4	5.2	.	1.4	.	.	.	101
13 QW547:31;HRS	3	4.21	78.0	39	.8	106	55	4.0	1.1	6.4	.	.7	.	.	.	99
LOCATIONS		6	6	6	4	6	5	3	3	3	0	3	0	0	0	3

YIELD AVERAGES WERE BASED ON DATA FROM: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1, NEW LISKEARD .

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS  
 \* DAYS FROM PLANTING

## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

TRIAL DETAILS (GRAIN YIELD)

AREA	LOCATION	MEAN (G M-2)	REPS	ERROR SS	ERROR DF	ERROR MS	C.V.%
2	WINTHROP	370	4	22643	36	629	6.8%
2	ELORA	404	4	31314	34	921	7.5%
2	HARRISTON	400	4	18714	36	520	5.7%
3	OTTAWA	419	4	90850	42	2163	11.1%
3	KEMPTVILLE	400	3	87808	28	3136	14.0%
5	NEW LISKEARD	380	4	54084	36	1502	10.2%

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

LOCATION - ELORA  
 MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	8	3.90	79.8	42	.5	90	50	.	.0	3.3	.	.8	.	.	.	93
2 CDC TEAL;HRS	9	3.88	77.3	43	1.5	98	49	.	.3	3.0	.	1.0	.	.	.	90
3 PACIFIC;HRS	5	4.11	78.6	42	3.3	114	50	.	1.8	2.8	.	.8	.	.	.	92
4 AC VOYAGEUR;HRS	4	4.20	77.9	40	1.0	115	54	.	.3	3.0	.	.3	.	.	.	94
5 GRANDIN;HRS	6	3.96	79.2	42	.0	90	48	.	.0	4.5	.	.8	.	.	.	92
6 QUANTUM;HRS	2	4.57	79.2	46	.3	90	50	.	1.5	3.0	.	.0	.	.	.	88
7 ROBLIN;HRS	12	3.78	76.1	38	1.3	95	44	.	.3	4.3	.	1.5	.	.	.	89
8 AC DOMAIN;HRS	13	3.48	77.3	35	2.3	99	48	.	.0	5.5	.	.5	.	.	.	90
9 AC BARRIE;HRS	9	3.88	78.6	38	.3	100	51	.	1.8	5.3	.	.5	.	.	.	92
10 AC WALTON;HRS	7	3.94	75.4	39	.0	106	54	.	2.5	4.0	.	.5	.	.	.	97
11 AC KARMA;PWS	9	3.88	76.7	40	.0	100	54	.	.3	3.8	.	.8	.	.	.	95
12 AC GABRIEL;EFS	1	4.66	73.6	39	.5	116	54	.	3.8	3.0	.	1.0	.	.	.	95
13 QW547:31;HRS	3	4.30	77.3	41	.5	108	52	.	.0	6.0	.	.3	.	.	.	93
<b>MEANS</b>		4.04	77.5	40	.9	102	50	.	.9	3.9	.	.7	.	.	.	92

LOCATION - HARRISTON  
 MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	6	4.05	77.2	41	.	90	55	.3	.8	4.3	.	.9	.	.	.	.
2 CDC TEAL;HRS	5	4.14	75.9	38	.	105	55	1.0	.4	5.0	.	2.3	.	.	.	.
3 PACIFIC;HRS	2	4.39	77.4	37	.	115	57	.0	.5	4.3	.	2.5	.	.	.	.
4 AC VOYAGEUR;HRS	8	3.93	75.7	36	.	115	61	2.5	1.0	4.3	.	.6	.	.	.	.
5 GRANDIN;HRS	4	4.34	79.0	44	.	90	54	.5	.6	4.5	.	.6	.	.	.	.
6 QUANTUM;HRS	1	4.88	78.3	44	.	100	54	.0	2.0	4.0	.	.9	.	.	.	.
7 ROBLIN;HRS	3	4.37	76.7	40	.	105	52	2.8	1.5	5.8	.	1.8	.	.	.	.
8 AC DOMAIN;HRS	9	3.91	76.7	37	.	100	57	.0	.8	5.3	.	1.3	.	.	.	.
9 AC BARRIE;HRS	11	3.77	76.7	38	.	110	58	2.5	1.8	5.8	.	.6	.	.	.	.
10 AC WALTON;HRS	13	2.53	66.9	28	.	110	63	.0	3.8	5.0	.	.4	.	.	.	.
11 AC KARMA;PWS	9	3.91	73.2	34	.	100	59	.5	1.1	4.8	.	.6	.	.	.	.
12 AC GABRIEL;EFS	12	3.73	68.8	32	.	120	60	.0	5.5	4.5	.	1.0	.	.	.	.
13 QW547:31;HRS	7	4.01	75.4	40	.	110	58	1.8	1.3	5.8	.	.6	.	.	.	.
<b>MEANS</b>		4.00	75.2	38	.	105	57	.9	1.6	4.9	.	1.1	.	.	.	.

LOCATION - WINTHROP  
 MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	7	3.44	75.5	38	.0	84	54	2.5	.5	6.5	.	1.3	.	.	.	94
2 CDC TEAL;HRS	12	3.39	74.4	33	.5	94	56	2.5	.5	7.0	.	1.8	.	.	.	93
3 PACIFIC;HRS	6	3.70	76.6	35	3.0	105	55	3.5	.0	6.8	.	1.0	.	.	.	94
4 AC VOYAGEUR;HRS	13	3.38	74.4	36	1.0	103	58	3.5	2.5	7.0	.	1.0	.	.	.	96
5 GRANDIN;HRS	3	3.96	76.7	42	1.0	91	54	4.0	1.0	7.0	.	1.5	.	.	.	95
6 QUANTUM;HRS	2	4.40	78.3	44	1.0	94	55	.0	2.0	7.0	.	1.0	.	.	.	93
7 ROBLIN;HRS	10	3.42	74.0	38	2.0	107	52	5.0	1.0	7.5	.	.8	.	.	.	93
8 AC DOMAIN;HRS	7	3.44	75.6	34	.8	97	55	4.5	.0	7.5	.	.5	.	.	.	93
9 AC BARRIE;HRS	9	3.43	74.6	36	.0	98	56	6.5	2.0	8.0	.	.8	.	.	.	95
10 AC WALTON;HRS	11	3.41	72.1	36	.8	102	59	1.0	4.5	7.5	.	2.3	.	.	.	97
11 AC KARMA;PWS	5	3.79	72.3	34	.5	94	58	4.0	2.0	7.5	.	2.0	.	.	.	95
12 AC GABRIEL;EFS	1	4.49	73.9	38	.0	118	58	2.0	4.0	8.0	.	2.3	.	.	.	97
13 QW547:31;HRS	4	3.88	74.9	38	.5	99	55	5.0	2.0	7.5	.	1.3	.	.	.	96
<b>MEANS</b>		3.70	74.9	37	.9	99	56	3.4	1.7	7.3	.	1.4	.	.	.	95

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS  
 \* DAYS FROM PLANTING

## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

LOCATION - OTTAWA-1  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	11	3.66	78.4	34	3.5	88	54	3.3	.	.	.	.	.	.	.	.
2 CDC TEAL;HRS	5	4.59	79.5	34	2.0	108	55	2.0	.	.	.	.	.	.	.	.
3 PACIFIC;HRS	2	5.04	80.7	36	4.3	115	54	.6	.	.	.	.	.	.	.	.
4 AC VOYAGEUR;HRS	8	4.07	78.4	32	2.8	110	55	3.8	.	.	.	.	.	.	.	.
5 GRANDIN;HRS	1	5.17	82.0	40	1.0	93	54	2.3	.	.	.	.	.	.	.	.
6 QUANTUM;HRS	3	5.02	80.6	42	1.0	94	55	.5	.	.	.	.	.	.	.	.
7 ROBLIN;HRS	12	3.60	78.5	38	2.3	103	53	4.6	.	.	.	.	.	.	.	.
8 AC DOMAIN;HRS	9	3.99	79.1	34	2.3	103	53	.9	.	.	.	.	.	.	.	.
9 AC BARRIE;HRS	10	3.79	79.7	33	5.0	105	55	4.4	.	.	.	.	.	.	.	.
10 AC WALTON;HRS	15	3.43	72.3	29	1.5	106	56	.5	.	.	.	.	.	.	.	.
11 AC KARMA;PWS	7	4.24	77.3	32	2.8	94	55	2.3	.	.	.	.	.	.	.	.
12 AC GABRIEL;EFS	14	3.54	73.4	29	8.3	115	56	.4	.	.	.	.	.	.	.	.
13 QW547:31;HRS	4	4.81	80.0	39	1.0	108	55	5.1	.	.	.	.	.	.	.	.
14 DIABLO;HRS	13	3.59	80.8	31	2.8	100	55	8.1	.	.	.	.	.	.	.	.
15 AC POLLET;HRS	6	4.31	79.6	39	7.5	116	56	3.6	.	.	.	.	.	.	.	.
MEANS		4.19	78.7	35	3.2	104	55	2.8	.	.	.	.	.	.	.	.

LOCATION - KEMPTVILLE  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	14	2.85	85.0	36	.	93	.	.	.	.	.	.	.	.	.	.
2 CDC TEAL;HRS	8	3.92	85.0	37	.	108	.	.	.	.	.	.	.	.	.	.
3 PACIFIC;HRS	12	3.73	86.0	37	.	114	.	.	.	.	.	.	.	.	.	.
4 AC VOYAGEUR;HRS	5	4.30	85.0	37	.	110	.	.	.	.	.	.	.	.	.	.
5 GRANDIN;HRS	10	3.75	85.0	34	.	99	.	.	.	.	.	.	.	.	.	.
6 QUANTUM;HRS	7	4.02	87.0	45	.	99	.	.	.	.	.	.	.	.	.	.
7 ROBLIN;HRS	6	4.13	86.0	37	.	105	.	.	.	.	.	.	.	.	.	.
8 AC DOMAIN;HRS	9	3.91	86.0	36	.	104	.	.	.	.	.	.	.	.	.	.
9 AC BARRIE;HRS	10	3.75	86.0	38	.	109	.	.	.	.	.	.	.	.	.	.
10 AC WALTON;HRS	2	5.17	84.4	40	.	101	.	.	.	.	.	.	.	.	.	.
11 AC KARMA;PWS	15	2.83	79.7	30	.	94	.	.	.	.	.	.	.	.	.	.
12 AC GABRIEL;EFS	1	5.38	85.0	38	.	105	.	.	.	.	.	.	.	.	.	.
13 QW547:31;HRS	3	4.36	87.0	41	.	111	.	.	.	.	.	.	.	.	.	.
14 DIABLO;HRS	13	3.61	82.9	35	.	109	.	.	.	.	.	.	.	.	.	.
15 AC POLLET	4	4.31	85.0	38	.	113	.	.	.	.	.	.	.	.	.	.
MEANS		4.00	85.0	37	.	105	.	.	.	.	.	.	.	.	.	.

LOCATION - NEW LISKEARD  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC;HRS	5	3.65	73.6	29	1.0	87	54	.	.	.	.	.	.	.	.	108
2 CDC TEAL;HRS	7	3.38	72.3	29	2.0	93	55	.	.	.	.	.	.	.	.	108
3 PACIFIC;HRS	4	3.67	73.6	32	3.0	103	54	.	.	.	.	.	.	.	.	110
4 AC VOYAGEUR;HRS	6	3.50	72.3	28	2.0	100	61	.	.	.	.	.	.	.	.	110
5 QUANTUM;HRS	1	4.46	76.1	32	1.0	87	54	.	.	.	.	.	.	.	.	110
6 AC GABRIEL;EFS	2	3.98	69.8	29	2.0	95	61	.	.	.	.	.	.	.	.	110
7 QW547:31;HRS	3	3.92	73.6	33	1.0	101	56	.	.	.	.	.	.	.	.	108
MEANS		3.80	73.0	30	1.7	95	56	.	.	.	.	.	.	.	.	109

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS  
\* DAYS FROM PLANTING

## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1996

LOCATION - EMO\*\*  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 CELTIC;HRS	3	4.40	77.0	35	.	81	53	.	.	.	.	.	.	.	.	94
2 CDC TEAL;HRS	5	4.10	77.0	35	.	83	53	.	.	.	.	.	.	.	.	97
3 PACIFIC;HRS	4	4.36	75.0	35	.	92	53	.	.	.	.	.	.	.	.	102
4 AC VOYAGEUR;HRS	6	4.06	75.0	33	.	85	59	.	.	.	.	.	.	.	.	102
5 GRANDIN;HRS	2	4.46	76.0	38	.	85	53	.	.	.	.	.	.	.	.	102
6 QUANTUM;HRS	1	4.58	79.0	43	.	75	53	.	.	.	.	.	.	.	.	97
7 ROBLIN;HRS	8	3.17	74.0	33	.	84	53	.	.	.	.	.	.	.	.	91
8 AC WALTON;HRS	7	3.72	70.0	31	.	93	55	.	.	.	.	.	.	.	.	102
MEANS		4.12	75.0	35	.	85	54	.	.	.	.	.	.	.	.	98

LOCATION - NEW LISKEARD  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 CELTIC;HRS	11	3.65	73.6	29	1	87	54	.	.	.	.	.	.	.	.	108
2 CDC TEAL;HRS	13	3.38	72.3	29	2	93	55	.	.	.	.	.	.	.	.	108
3 PACIFIC;HRS	10	3.67	73.6	32	3	103	54	.	.	.	.	.	.	.	.	110
4 AC VOYAGEUR;HRS	12	3.50	72.3	28	2	100	61	.	.	.	.	.	.	.	.	110
5 QUANTUM;HRS	1	4.46	76.1	32	1	87	54	.	.	.	.	.	.	.	.	110
6 AC GABRIEL;EFS	4	3.98	69.8	29	2	95	61	.	.	.	.	.	.	.	.	110
7 QW547:31;HRS	6	3.92	73.6	33	1	101	56	.	.	.	.	.	.	.	.	108
+ GRANDIN;HRS	2	4.46	74.8	33	1	91	54	.	.	.	.	.	.	.	.	108
+ AC KARMA;PWS	3	4.14	73.6	29	1	90	55	.	.	.	.	.	.	.	.	110
+ AC BARRIE;HRS	5	3.97	74.8	32	2	96	55	.	.	.	.	.	.	.	.	110
+ ROBLIN;HRS	7	3.84	72.3	33	2	94	52	.	.	.	.	.	.	.	.	108
+ AC DOMAIN;HRS	8	3.79	73.6	31	1	92	54	.	.	.	.	.	.	.	.	110
+ AC WALTON;HRS	9	3.68	69.8	27	1	99	61	.	.	.	.	.	.	.	.	108
MEANS		3.88	73.1	31	2	.	56	.	.	.	.	.	.	.	.	109

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

\* DAYS FROM PLANTING

\*\*DATA AT EMO ARE PRESENTED FOR INFORMATION ONLY AND ARE NOT PART OF ANY SUMMARY.

+ DATA FOR THESE ENTRIES ARE PRESENTED FOR INFORMATION ONLY AND ARE NOT PART OF ANY SUMMARY.

## QUEBEC-MARITIME REGISTRATION-RECOMMENDATION TRIAL 1996

## LEGEND

YLD - YIELD (T/HA; 1 T/HA = 14.87 BU/AC)  
 TSTW - TEST WEIGHT (KG/HL)  
 KW - KERNEL WEIGHT (MG)  
 LOG - LODGING  
 HGT - HEIGHT (CM)  
 HDT - HEADING DATE  
 MIL - MILDEW  
 LRS - LEAF RUST  
 SEP - SEPTORIA  
 HBL - HEAD BLIGHT  
 MAT - MATURITY

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## LOCATIONS ABBREVIATIONS

AE STE-ANNE-DE-BELLEVUE  
 BO ST-BRUNO  
 CE ST-CESAIRE  
 EA ELORA  
 O1 OTTAWA-1  
 RE STE-ROSALIE  
 SM ST-SIMON

YEAR : 1996  
 AREA(S): ONTARIO-QUEBEC AVERAGE

KEY NAME	RK	YIELD T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	HBL 0-9	MDT *
1 KATEPWA	10	3.84	76.5	35	2.7	102	55	4.2	2.3	5.5	2.1	91
2 AC VOYAGEUR	11	3.78	76.5	34	2.9	106	58	3.3	.4	3.0	1.0	94
3 SS BLOMIDON	2	4.59	74.6	37	1.6	93	60	.0	2.2	2.5	.8	96
4 QW547:31	5	4.37	77.9	38	1.9	102	55	3.6	.5	5.5	1.4	93
5 AC WALTON	4	4.43	76.1	37	1.8	102	58	.0	3.7	3.8	1.0	95
6 QW534:14	1	4.75	79.5	41	1.9	101	57	3.8	5.0	3.0	.8	96
7 BS13:561:14	7	4.17	76.5	36	1.6	94	51	.0	4.0	6.8	1.7	91
8 BS13:570:6	8	3.97	78.3	36	2.4	97	52	4.3	3.0	2.8	2.4	91
9 PB9517	9	3.91	76.5	31	1.8	95	51	6.3	.8	3.5	3.2	89
10 PB9535	6	4.25	77.5	33	2.7	100	52	4.7	.3	2.8	1.9	90
11 QW582:5	3	4.55	76.6	45	3.3	103	53	2.1	3.4	3.5	2.3	89
LOCATIONS		7	7	7	7	7	6	2	2	1	3	6

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION  
 DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	EA96N	O196N	AE96N	BO96N	SM96N	RE96N	CE96N	MEAN*
1 KATEPWA	94	94	85	90	90	92	89	91
2 AC VOYAGEUR	98	93	87	93	96	76	85	90
3 SS BLOMIDON	84	94	114	118	115	112	115	107
4 QW547:31	100	110	110	106	99	100	101	104
5 AC WALTON	93	110	109	109	115	97	101	105
6 QW534:14	114	101	102	123	98	122	121	112
7 BS13:561:14	92	100	100	90	108	100	98	98
8 BS13:570:6	103	101	100	82	88	93	91	94
9 PB9517	104	92	97	85	88	92	89	92
10 PB9535	106	99	97	100	92	108	100	100
11 QW582:5	113	105	99	105	110	107	111	107
LOCATION MEAN	4.12	3.18	4.08	3.84	4.40	4.39	5.64	4.24

\* AVERAGE ACROSS LOCATIONS

## QUEBEC-MARITIME REGISTRATION-RECOMMENDATION TRIAL 1996

LOCATION - ELORA RESEARCH STATION  
 MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRs	SEP	HBL	MDT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	*
1 KATEPWA	8	3.89	74.8	36	2.5	110	50	.3	3.5	5.5	.3	92
2 AC VOYAGEUR	7	4.02	77.3	40	.5	116	54	.0	.3	3.0	.8	95
3 SS BLOMIDON	11	3.47	76.1	40	.0	96	57	.0	1.8	2.5	.8	95
4 QW547:31	6	4.11	76.7	31	.3	109	51	.0	1.0	5.5	.3	92
5 AC WALTON	9	3.82	77.9	42	.0	105	54	.0	3.3	3.8	.8	95
6 QW534:14	1	4.71	78.6	32	1.3	110	54	.0	4.5	3.0	.5	95
7 BS13:561:14	10	3.78	71.7	36	.0	98	46	.0	8.0	6.8	.8	89
8 BS13:570:6	5	4.25	79.8	43	1.8	98	48	.0	2.0	2.8	.8	92
9 PB9517	4	4.27	76.7	35	.8	96	47	2.8	1.5	3.5	.3	89
10 PB9535	3	4.35	76.1	35	1.0	106	47	.5	.5	2.8	.5	91
11 QW582:5	2	4.66	77.3	46	1.8	105	50	.0	2.8	3.5	1.0	89
MEANS		4.12	76.6	38	.9	104	51	.3	2.6	3.9	.6	92

## \*ANALYSIS OF VARIANCE INFORMATION

TRAIT	MEAN	RDF	VDF	EDF	REPMS	VARMS	ERRMS	REPF	VARF	C.V.
YIELD	412	3	10	30	3484	5713	741	4.7	7.7	6.6%

LOCATION - OTTAWA-1  
 MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	SMUT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9
1 KATEPWA	15	3.00	77.7	32	1.3	98	62	8.0	0.0
2 AC VOYAGEUR	17	2.97	77.1	32	1.0	98	63	6.7	0.3
3 SS BLOMIDON	16	2.99	70.7	29	1.0	88	65	0.0	0.0
4 QW547:31	6	3.49	78.3	37	1.0	97	62	7.2	0.0
5 AC WALTON	5	3.51	74.9	32	1.0	103	63	0.0	0.0
6 QW534:14	11	3.20	78.8	38	1.0	97	63	7.5	0.0
7 BS13:561:14	13	3.17	77.1	32	1.0	93	56	0.0	0.3
8 BS13:570:6	10	3.22	79.5	32	2.3	92	60	8.7	0.0
9 PB9517	18	2.93	77.1	28	1.3	95	57	9.7	0.0
10 PB9535	14	3.14	78.0	30	3.0	95	60	8.8	0.0
11 QW582:5	8	3.33	76.4	40	5.7	102	60	4.2	0.0
12 BS13-570.7	7	3.48	80.1	36	1.0	92	56	0.0	0.0
13 BS13-581.21	4	3.69	77.9	33	3.3	100	62	1.8	0.0
14 BS13-586.2	3	4.11	78.0	38	1.0	92	56	0.0	0.0
15 BS13-587.1	1	4.22	82.2	39	4.3	98	59	0.5	0.0
16 CFB 91644	19	2.88	74.3	27	1.0	72	63	0.0	0.0
17 CFB 92615	9	3.27	75.4	30	1.0	80	62	0.7	0.0
18 CFB 93609	2	4.18	79.8	41	1.0	90	61	0.0	0.0
19 QW597:32	12	3.19	75.0	33	2.7	95	61	7.0	5.0
MEANS		3.37	77.3	34	1.8	94	61	3.7	0.3

CV% = 6.1%

LSD = 341.7

F = 12.2959574

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS



## QUEBEC-MARITIME REGISTRATION-RECOMMENDATION TRIAL 1996

LOCATION - STE-ANNE-DE-BELLEVUE, PQ  
 MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MDT *
	RK	T/HA						
1 KATEPWA	19	3.47	81.7	39	1.3	113	52	91
2 AC VOYAGEUR	18	3.56	81.6	38	1.0	117	55	93
3 SS BLOMIDON	1	4.64	75.9	40	1.0	102	58	94
4 QW547:31	3	4.47	82.1	43	1.0	108	53	92
5 AC WALTON	4	4.44	80.3	42	1.0	107	55	92
6 QW534:14	6	4.18	84.4	47	1.3	103	55	95
7 BS13:561:14	8	4.09	82.1	40	1.0	100	49	90
8 BS13:570:6	10	4.08	81.8	40	1.0	107	49	90
9 PB9517	13	3.96	80.3	35	1.0	99	49	86
10 PB9535	13	3.96	81.3	36	1.0	107	49	89
11 QW582:5	11	4.04	80.5	51	1.0	107	50	88
12 BS13:570.7	7	4.16	83.7	47	1.0	99	50	90
13 BS13:581.21	12	3.98	82.4	39	1.0	106	53	90
14 BS13:586.2	2	4.62	82.1	46	1.0	109	49	89
15 BS13:587.1	17	3.69	84.0	42	1.0	106	49	93
16 CFB:91644	15	3.94	77.9	39	1.0	77	54	94
17 CFB:92615	8	4.09	81.3	40	1.0	85	54	92
18 CFB:93609	5	4.27	82.4	49	1.0	93	50	89
19 QW597:32	16	3.85	80.1	44	1.0	100	50	87
MEANS		4.08	81.4	42	1.0	102	52	91

## \*ANALYSIS OF VARIANCE INFORMATION

TRAIT	MEAN	RDF	VDF	EDF	REPMS	VARMS	ERRMS	REPF	VARF	C.V.
YIELD	408	2	18	36	7816	3083	1818	4.3	1.7	10.5

LOCATION - ST-BRUNO, PQ  
 MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MDT *
	RK	T/HA						
1 KATEPWA	16	3.45	73.3	35	3.3	97	56	91
2 AC VOYAGEUR	15	3.56	72.9	33	4.3	100	60	94
3 SS BLOMIDON	2	4.51	73.2	38	3.0	88	62	94
4 QW547:31	8	4.08	74.7	39	3.7	100	57	92
5 AC WALTON	6	4.19	73.6	38	3.7	99	60	94
6 QW534:14	1	4.71	76.4	43	3.0	101	58	94
7 BS13:561:14	17	3.44	74.4	36	2.7	88	54	90
8 BS13:570:6	19	3.13	75.1	35	3.3	94	55	90
9 PB9517	18	3.27	73.4	30	3.0	91	54	88
10 PB9535	12	3.83	75.2	33	3.3	99	54	89
11 QW582:5	9	4.04	73.7	44	3.3	99	54	89
12 BS13:570.7	12	3.83	76.5	38	3.3	87	54	90
13 BS13:581.21	7	4.15	75.9	36	3.7	99	56	91
14 BS13:586.2	5	4.25	76.0	42	3.3	93	54	89
15 BS13:587.1	4	4.38	78.0	40	4.0	96	54	91
16 CFB:91644	3	4.49	73.2	33	3.0	70	58	94
17 CFB:92615	10	3.92	75.5	43	3.0	82	58	93
18 CFB:93609	14	3.77	72.2	33	2.7	80	56	92
19 QW597:32	11	3.87	72.5	38	3.0	88	55	90
MEANS		3.94	74.5	37	3.3	92	56	91

CV% = 6.3%

LSD = 423.1

F = 9.390784

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## QUEBEC-MARITIME REGISTRATION-RECOMMENDATION TRIAL 1996

LOCATION - ST-SIMON, PQ  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	HBL 0-9	MDT *
	RK	T/HA							
1 KATEPWA	17	3.98	76.6	34	4.3	94	51	3.0	86
2 AC VOYAGEUR	15	4.22	77.3	35	4.0	94	54	1.3	90
3 SS BLOMIDON	2	5.07	73.9	37	2.0	84	56	1.0	94
4 QW547:31	13	4.37	78.2	39	2.7	95	51	3.0	87
5 AC WALTON	3	5.06	75.9	38	2.0	93	53	1.3	91
6 QW534:14	14	4.32	80.0	43	2.3	93	53	1.0	91
7 BS13:561:14	10	4.75	77.5	39	2.3	84	47	2.3	84
8 BS13:570:6	18	3.86	78.1	37	2.7	88	49	3.0	84
9 PB9517	18	3.86	76.8	31	2.0	84	49	4.7	82
10 PB9535	16	4.05	77.5	34	4.3	91	49	3.3	84
11 QW582:5	7	4.84	76.3	45	5.3	93	48	4.0	82
12 BS13:570.7	8	4.83	79.5	39	2.0	87	49	3.3	85
13 BS13:581.21	11	4.67	78.9	36	4.7	88	50	2.3	87
14 BS13:586.2	4	4.99	78.0	40	4.3	91	47	2.7	84
15 BS13:587.1	1	5.30	81.3	41	6.0	93	48	2.0	87
16 CFB:91644	12	4.40	74.5	30	1.3	65	53	1.3	94
17 CFB:92615	9	4.77	75.9	35	2.7	77	53	1.7	91
18 CFB:93609	5	4.98	77.8	42	2.0	83	48	3.0	84
19 QW597:32	6	4.93	75.8	38	3.3	89	49	3.0	84
MEANS		4.59	77.4	37	3.2	88	50	2.5	87
CV% =6.97%			LSD = 537.6				F = 6.44		

LOCATION - STE-ROSALIE, PQ  
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	LRS 0-9	HBL 0-9	MDT *
	RK	T/HA							
1 KATEPWA	17	4.06	75.9	33	3.0	95	1.0	3.0	93
2 AC VOYAGEUR	19	3.36	75.2	29	5.7	104	.5	1.0	95
3 SS BLOMIDON	5	4.93	76.8	36	2.0	91	2.5	.5	101
4 QW547:31	12	4.38	78.4	37	2.3	98	.0	1.0	96
5 AC WALTON	14	4.28	75.6	34	3.0	103	4.0	1.0	98
6 QW534:14	1	5.34	80.3	44	2.7	96	5.5	1.0	100
7 BS13:561:14	11	4.40	77.2	35	2.3	96	.0	2.0	95
8 BS13:570:6	16	4.10	77.8	35	3.3	99	4.0	3.5	94
9 PB9517	18	4.05	75.9	30	2.3	100	.0	4.5	92
10 PB9535	7	4.74	77.8	32	3.0	92	.0	2.0	94
11 QW582:5	8	4.69	77.2	44	3.3	103	4.0	2.0	92
12 BS13:570.7	10	4.41	79.3	35	2.7	92	3.5	3.0	93
13 BS13:581.21	13	4.33	78.2	34	3.7	85	.0	2.5	94
14 BS13:586.2	2	5.10	78.6	41	3.3	94	3.5	2.5	93
15 BS13:587.1	15	4.24	78.5	35	6.7	99	4.0	1.0	95
16 CFB:91644	4	4.94	74.4	30	1.7	90	4.0	1.5	98
17 CFB:92615	9	4.59	75.1	31	1.0	83	4.0	1.0	98
18 CFB:93609	6	4.79	78.8	39	3.0	89	1.0	2.0	94
19 QW597:32	3	5.01	77.0	39	1.3	94	4.5	2.0	94
MEANS		4.51	77.3	35	3.0	95	2.4	1.9	95
CV% =12.1%			LSD = 927.7				F = 2.202133		

\* DAYS FROM PLANTING  
A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## QUEBEC-MARITIME REGISTRATION-RECOMMENDATION TRIAL 1996

LOCATION - ST-CESAIRE, PQ  
 MANAGEMENT - NORMAL

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MDT *
1 KATEPWA	18 5.00	75.3	33	3.0	109	59	95
2 AC VOYAGEUR	19 4.77	74.4	32	4.0	110	60	98
3 SS BLOMIDON	2 6.50	75.8	39	2.0	100	63	99
4 QW547:31	11 5.70	76.8	38	2.3	108	58	96
5 AC WALTON	12 5.69	74.7	35	2.0	106	60	98
6 QW534:14	1 6.81	78.0	41	1.7	110	60	99
7 BS13:561:14	14 5.53	75.8	35	2.0	102	51	96
8 BS13:570:6	15 5.12	76.3	33	2.7	101	53	95
9 PB9517	17 5.05	75.5	30	2.0	101	52	94
10 PB9535	13 5.66	76.8	32	3.0	110	52	95
11 QW582:5	4 6.26	74.7	43	2.7	110	53	95
12 BS13:570.7	15 5.12	77.5	34	1.7	98	53	94
13 BS13:581.21	9 5.75	77.4	34	3.3	108	58	95
14 BS13:586.2	2 6.50	77.1	41	3.0	104	54	94
15 BS13:587.1	7 5.97	78.0	36	4.0	107	53	96
16 CFB:91644	9 5.75	72.1	29	1.0	71	58	100
17 CFB:92615	9 5.75	72.1	29	1.0	71	58	99
18 CFB:93609	5 6.14	74.6	32	1.0	89	59	99
19 QW597:32	5 6.14	77.8	41	1.7	96	55	95
	8 5.96	74.8	36	2.0	105	55	94
MEANS	5.76	76.0	35	2.4	102	56	96

CV% = 5.6%

LSD = 551.9

F = 12.1

\* DAYS FROM PLANTING  
 A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

WESTERN DURUM REGISTRATION TRIAL, 1996

LEGEND

- YLD - YIELD (T/HA; 1 T/HA = 14.87 BU/AC)
- TSTW - TEST WEIGHT (KG/HL)
- KW - KERNEL WEIGHT (MG)
- LOG - LODGING
- HGT - HEIGHT (CM)
- HDT - HEADING DATE
- MIL - MILDEW
- LRS - LEAF RUST
- RK - RANK
- SEP - SEPTORIA
- HBL - HEAD BLIGHT
- MAT - MATURITY

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

LOCATION - ELORA  
MANAGEMENT - NORMAL

KEY NAME	YLD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	HBL 0-9	MDT *
1 HERCULES	10 3.93	77.3	44	3.5	115	52	.0	.0	6.8	1.0	96
2 KYLE	8 4.09	78.6	45	3.5	118	55	.0	.0	2.8	.0	98
3 DT484	6 4.29	76.1	46	.3	94	52	.3	.0	6.0	1.0	96
4 PLENTY	7 4.27	76.7	41	1.5	119	54	.0	.0	6.0	1.0	97
5 DT491	3 4.51	76.1	49	.0	101	54	.3	.0	3.0	1.0	97
6 DT492	2 4.60	75.4	48	.8	113	53	.8	.0	3.3	1.0	98
7 DT486	1 5.24	76.1	53	.0	104	54	.0	.0	3.0	.8	98
8 DT658	9 3.96	72.3	36	.5	109	52	.0	.0	7.5	1.5	96
9 DT661	12 3.50	70.5	35	.8	103	52	.0	.0	9.0	1.0	96
10 DT662	11 3.75	71.1	34	.5	106	53	.0	.0	8.5	1.0	97
11 DT665	5 4.38	74.8	40	3.0	104	53	.8	.0	4.3	1.5	96
12 MEDORA	4 4.49	76.1	42	2.0	114	53	.0	.0	4.8	1.3	99
MEANS	4.25	75.1	43	1.4	108	53	.2	.0	5.4	1.0	97

\* DAYS FROM PLANTING

\*ANALYSIS OF VARIANCE INFORMATION

TRAIT	MEAN	RDF	VDF	EDF	REPMS	VARMS	ERRMS	REPF	VARF	C.V.
YIELD	425	3	11	33	4890	8261	1468	3.3	5.6	9.0%

# CO-OPERATORS AND LOCATIONS OF PERFORMANCE TRIALS, 1996

Testing area	Country or District	Co-operators	Crops			
			Barley	Oats	Winter Wheat	Spring Wheat
I	Kent I	RN = Ridgetown C.A.T., Ridgetown, Ont.			X	
	Lambton	ID = David MacKellar, R.R. #7, Alvinston (Ridgetown C.A.T.)			X	
	Essex	HW = Harrow Research Centre, Agriculture & Agri-Food Canada			X	
	Essex	WE = Woodslee Research Centre, Agriculture & Agri-Food Canada			X	
II & IV	Oxford	WK = Crop Science Department, OAC, Woodstock, Ont.	X*	X*	X	
	Huron I	WP = W.G. Thompson and Sons Ltd., Wintthrop, Ontario	X	X		X
	Huron II	Centralia, Ontario (Ridgetown C.A.T.)	X*	X	X	
	Wellington I	EA = Crop Science Department, OAC, Elora, Ont.	X	X	X	
	Wellington	HN = C & M Seeds Inc., Palmerston, Ontario				X
	Middlesex	LN = G. Vanhie, R.R. #8, London, Ont. (Ridgetown C.A.T.)			X	
	Lennox Addington	BH = L. Seaman, Agriculture & Agri-Food Canada, Bath, Ontario			X*	
III	Grenville	KE = Kemptville C.A.T., Kemptville, Ont.	X*	X*	X*	X
	Carleton I	O1 = Agriculture & Agri-Food Canada, P.R.C., Ottawa, Ont.	X	X	X	X
	Renfrew	BG = L. Seaman, Agriculture & Agri-Food Canada, Beachburg, Ontario			X*	
V & VI	Temiskaming	NL = New Liskeard Agricultural Research Station, New Liskeard, Ont.	X	X		X
	Thunder Bay	Thunder Bay Agricultural Research Station, Thunder Bay, Ont.	X	X*		
	Rainy River District	EO = Emo Agricultural Research Station, Emo, Ont.	X**	X**		X**
	Cochrane	Agriculture & Agri-Food Canada, Exp. Farm, Kapuskasing, Ont.	X**	X**		X**

\* Plots did not pass inspection and therefore not harvested (no data obtained)

\*\* Data for information ONLY

