

Department of Plant Agriculture

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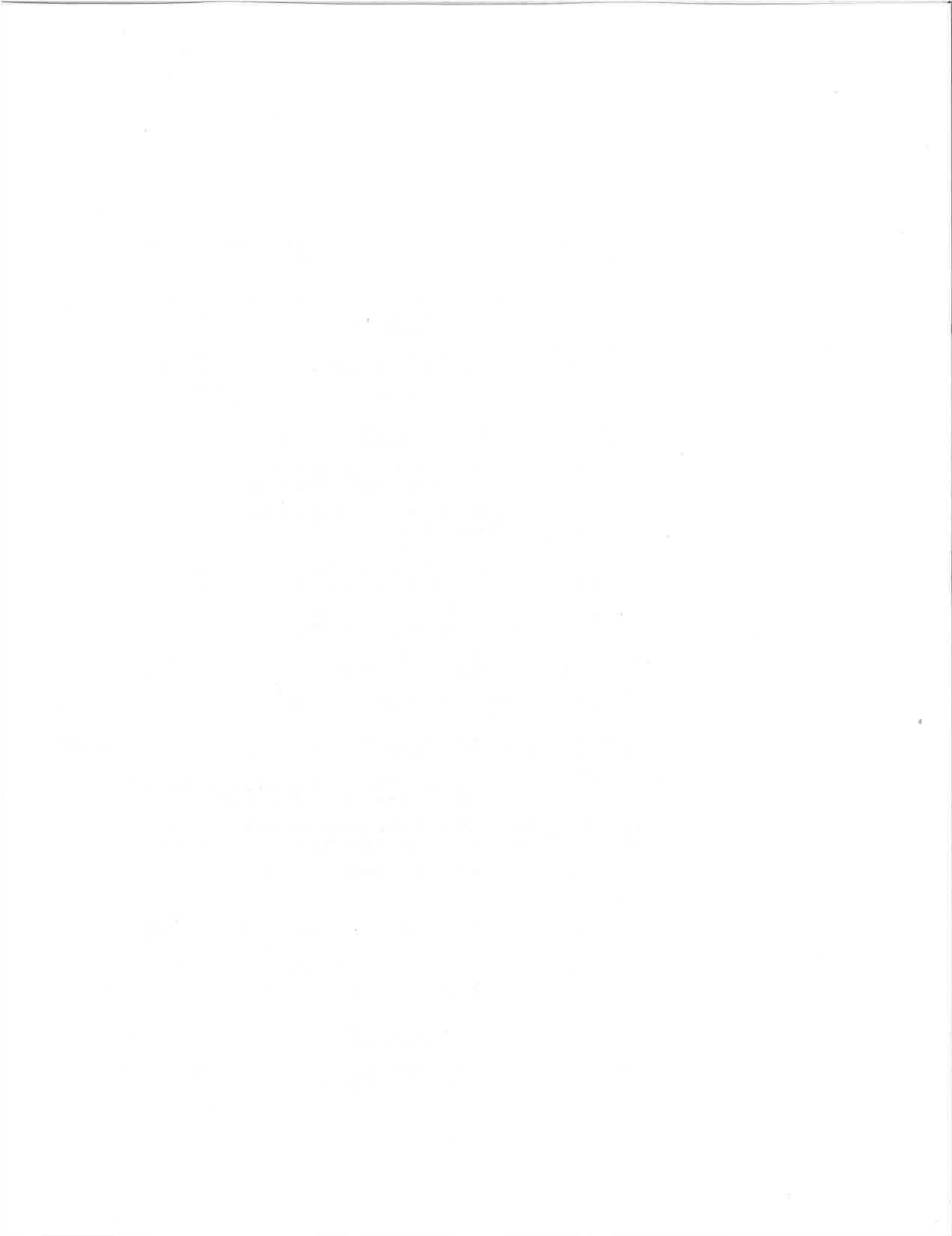
2000 Progress Report

**BARLEY, OATS, AND WHEAT**

# **Ontario Performance Trials**



***D.E. FALK, L.A. HUNT, G. MEATHERALL, Z. SZLAVNICS***



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

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## TABLE OF CONTENTS

Introduction .....	1
Barley	
Description of varieties .....	3
Mean yields .....	6
2000 data .....	14
Oats	
Description of varieties .....	31
Mean yields .....	32
2000 data .....	37
Comparative Fall Pastry and Red Wheat Analysis	
Index and Legend .....	47
Description of varieties .....	48
Long term relative yields and summary .....	51
2000 data .....	73
Trial Statistics .....	78
Spring Wheat	
Index and Legend .....	89
Description of varieties .....	90
Long term relative yields and summary .....	92
2000 data .....	105
Trial Statistics .....	107
2000 Spring Durum Wheat - Western Registration Trial results .....	111
Co-operators 2000 .....	112

The Performance Trials reported in this book are coordinated by Dr. D.E. Falk and Dr. L.A. Hunt, Department of Plant Agriculture, 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

The Performance Trials of spring barley, oats, spring wheat and winter wheat are conducted by the Ontario Cereal Crop Committee 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 Seeds, 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 a significant acreage of spring cereals.

**Spring Barley.** Barley planting was generally early, but harvest was 4-5 days later due to above normal precipitation. Mildew was present in most areas, with some rust reported. Cereal leaf beetle infestation affected a few sites. Yields were average or below depending on the amount of moisture and the severity of thunderstorms different areas experienced.

**Oats.** Oats were generally affected a little less by the above average rainfall than barley. Some areas had moderate crown rust; very little BYDV was reported. Yields of most varieties were generally average to above average.

**Spring Wheat.** Yield data were obtained from 10 locations in 2000, three from Area II, three from Area III, three from Area V and one from Area VI. The overall average yield for Area II was 2.95 t/ha, for Area III it was 3.14 t/ha and in Area V/VI an average yield of 4.85 t/ha was obtained.

**Spring Durum Wheat.** There were no durum wheats tested in the Ontario Performance Trial this past year. Data for the 2000 durum wheat Western Registration Trial grown at the Elora Research Station are presented in this report.

### WINTER CEREALS

**Winter Barley.** Most winter barley came through the winter in good condition. Mildew was more prevalent than normal during the growing season. Yields were generally good, with harvest earlier than normal.

**Fall Wheat.** There were thirty-four entries planted at ten locations across the Province, during the 1999-2000 growing season. Of these entries fourteen were soft white, nine were soft red, ten were hard red and one was a speciality white. Due to severe winterkill of the trial site at Ottawa only nine out of the ten trials planted reported data. The overall average yield in Area I was 6.09 t/ha, in Area II it was 5.66 t/ha and the overall provincial average was 5.82 t/ha.

### GROWING CONDITIONS

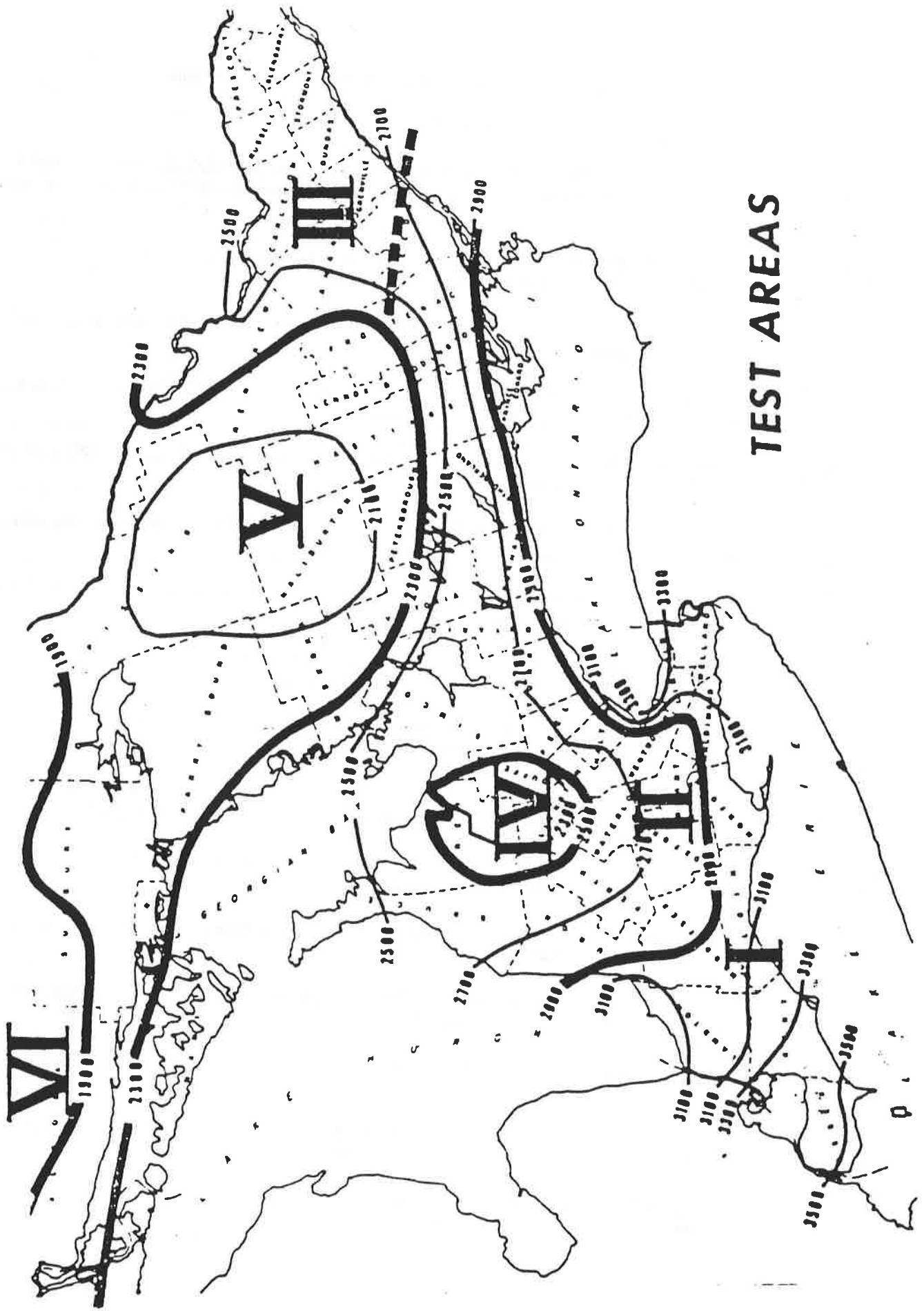
Spring came early to most of Ontario with planting beginning well ahead of normal in most areas, but within 1 week cool wet weather conditions occurred for the remainder of the spring. Normal temperatures prevailed with above normal precipitation through most of the summer in the Province. Some areas had severe thunderstorms, with hail being reported resulting in lower yields being recorded than normal. Overall yields across the province were lower due to the wet summer conditions.

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 2000 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. This information is also available on the internet at: <http://www.plant.uoguelph.ca/commodities.html>

For specific information in your area, consult the Ontario Ministry of Agriculture, Food and Rural Affairs Publication 296 - "1999-2000 Field Crop Recommendations for Ontario".



# TEST AREAS



## DESCRIPTION OF CULTIVARS IN PERFORMANCE TRIALS, 2000

### BARLEY

- AC Alberte (AB 168-11 n) - a two-rowed hulless barley developed by AAFC, Charlottetown from the cross Mimai 114/Rodeo/2/Rodeo. Supported by AFCC for registration in 1998. Registered in 2000, distributed by Bourgon Seed Ltd.
- AC Kings (AB 159-10) - a two-rowed barley developed by AAFC, Charlottetown from the cross Iona/AB79-17). Registered in 1998, distributed by Bramhill Seeds Ltd.
- AC Parkhill (OBT 186-13) - a two-rowed barley developed by AAFC-Ottawa from the cross AB94-11/Morrison. Registered in 1998, distributed by SeCan.
- AC Sirius - a two-rowed barley developed by AAFC-Ste.Foy from the cross AB53-4/Rodeo//OB440/Rodeo. Registered in 1993, distributed by Belcan AgroCentre.
- AC Sterling (AB 128-5) - a two-rowed barley developed by AAFC, Charlottetown from the cross Micmac/K75-10/2/Rodeo. Registered in 1993, distributed by SeCan.
- Almonte (OB313-2) - a two-rowed barley developed by AAFC- Ottawa from the cross AB115-12/Morrison. Registered in 1998, distributed by Advantage Seeds Ltd.
- Belmore (T103-69) - a rough awned, two-rowed barley developed and distributed by W.G. Thompson & Sons Ltd. from a cross of Winthrop/Lester. Registered in 1996.
- Benefit (T125-053) - a two-rowed barley developed from the cross Lester/Albany. Supported by OCCC for registration in 1998. Registered in 2000, distributed by W.G. Thompson & Sons Ltd.
- Bristol (T193-198) - a two-rowed barley developed from the cross Morrison/TBM87-6. Supported by OCCC for registration in 1999. Registered in 2000, distributed by W.G. Thompson & Sons Ltd.
- Britton (T123-172) - a two-rowed barley developed from the cross Lester/TBM34-2. Supported by OCCC for registration in 1998. Registered in 2000, distributed by W.G. Thompson & Sons Ltd.
- Formosa (CM 94534) - a two-rowed barley developed by Dr. Peter Franck from a complex cross; tested and distributed by C & M Seeds. Registered in 1998.
- Morrison - a two-rowed, rough awned, barley developed by AAFC-Ottawa from the cross Rodeo/Gitane. Registered in 1989, distributed by SeCan.
- Sunderland (TO86-156) - a two-rowed barley developed via the doubled haploid procedure by W.G. Thompson from the cross Lester/TBR635-2. Registered in 1997, distributed by W.G. Thompson & Sons Ltd.
- Viking (CM90522) - a rough awned, two-rowed barley introduced and distributed by C & M Seeds. Registered in 1995.
- CM96503 - a two-rowed barley developed by Dr. Peter Frank from the cross L3370/L617, tested by C&M Seeds. Supported by OCCC for registration in 2000.
- T169-055 - a two-rowed barley developed by W.G. Thompson & Sons Ltd. from the cross Lester/Winthrop. Supported by the OCCC for registration in 2000.

- 96/1110 - a two-rowed barley developed from the cross Krona/WG87586.28//Henni tested by W.G. Thompson & Sons Ltd. Supported by OCCC for registration in 2000.
- 96/1114 - a two-rowed barley developed from the cross 90014DH//Salome/Maresi tested by W.G. Thompson & Sons Ltd. Supported by the OCCC for registration in 2000.
- AC Alma (AB 151) - a six-rowed barley developed by AAFC, Charlottetown from a cross Chapais/Leger. Registered in 1996, distributed by Advantage Seeds Ltd.
- AC Hamilton (OB967-34) - a six-rowed smooth awned barley developed by AAFC, Ottawa from the cross Leger/OAC Kippen. Registered in 1994, distributed by SeCan.
- AC Klinck (AB189) - a six-rowed barley developed by AAFC Charlottetown from the cross Chapais/Cadette, registered in 2000. Distributed by SeCan.
- AC Legend (OBS 4065-127) - a six-rowed barley developed by AAFC, Ottawa from the cross Chapais/CIMMYT6. Registered in 1998, distributed by SeCan.
- AC Maple (OBS4065-125) - a six-rowed barley developed by AAFC, Ottawa from the cross Chapais/CIMMYT6. Supported by AFCC for registration in 1999. Registered in 2000, distributed by Semican Atlantic Inc.
- AC Stephen (OB 956-13) - a six-rowed smooth awned barley developed by Agriculture Canada, Ottawa from the cross OAC Kippen/Leger. Registered in 1992, distributed by SeCan.
- AC Westech - a six-rowed barley developed by AAFC, Charlottetown from the cross 82RCBB.13/Etienne, distributed by Belcan. 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, distributed by C & M Seeds/AgroCentre Belcan.
- Banner (C166-055) - a six-rowed barley developed from the cross OB907-33/TBC891-6. Supported by OCCC for registration in 1998. Registered in 2000, distributed by W.G. Thompson & Sons Ltd.
- Blakeney (C231-041) - a six-rowed barley developed from the cross AC Burman/GB8901. Supported by OCCC for registration in 1998. Registered in 2000, distributed by W.G. Thompson & Sons Ltd.
- Brooke (C229-004) - a six-rowed barley developed from the cross Sandrine/TBC51-89. Supported by OCCC for registration in 1998. Registered in 2000, distributed by W.G. Thompson & Sons Ltd.
- Brucefield (OS93-709) - a six-rowed barley developed by Semico from the cross Maskot/Chapais, tested and distributed by W.G. Thompson & Sons Ltd. Registered in 1997
- Chapais - a six-rowed, rough awned, barley developed by AAFC, Ste. Foy from the cross QB58.14/Beacon//BT904. Registered in 1988, distributed by SeCan.
- Foster - a six-rowed barley developed by North Dakota State University. Interim Registration in 1997, distributed by C & M Seeds.
- Grant - a six-rowed barley developed from the cross P885-4/P854-35 and distributed by W.G. Thompson & Sons Ltd. Registered in 1996.
- Leger - a six-rowed, smooth awned, barley developed by AAFC, Ottawa from the cross Trent/Vanier. Registered in 1982, distributed by SeCan.

- Myriam (OS88-10.23) - a six-rowed smooth awned barley developed by Semico from the cross OB 339-1/Bedford. Registered in 1994, distributed by W.G. Thompson & Sons Ltd.
- Nellygan (QB826.18) - a six-rowed barley registered in 1998 by Semences Prograin Inc. Quebec with Cribit Seeds having the distribution rights in Ontario.
- OAC Baxter (CMB936588) - a six-rowed barley developed by OMAFRA/University of Guelph from the cross Chapais [male sterile]/OAC Kippen/Leger. Supported by OCCC for registration in 1998, registered in 2000, distributed by C & M Seeds
- 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, distributed by SeCan.
- Sandrine (TBC 57-40) - a six-rowed smooth awned barley developed and distributed by W.G. Thompson & Sons Ltd. from the cross Mingo/OB 339-1/QB 203-4. Registered in 1994.
- Viviane - a six-rowed barley developed from the cross Maskot/Chapais. Registered in 1999 by Semico Quebec, distributed in Ontario by W.G. Thompson & Sons Ltd.
- AB186-3 - a six-rowed barley developed by AAFC Charlottetown from the cross Chapais/Cadette. Supported by OCCC for registration in 2000.
- CM862.6 - a six-rowed barley developed by Laval University, from the cross Cadette/ACCA. Supported by OCCC for registration in 1999, tested by C & M Seeds.
- C162-120 - a six-rowed barley developed by W.G. Thompson & Sons Ltd. from the cross OAC Kippen/TBP883-2. Supported by OCCC for registration in 1999.
- OBS4065-157 - a six-rowed barley developed by AAFC-Ottawa from the cross Chapais/CIMMYT6. Supported by AFCC for registration in 2000.
- OBS4181-43 - a six-rowed barley developed by AAFC-Ottawa from the cross K6-6/OAC Kippen. Supported by AFCC for registration in 1999.
- OS94-544 - a six-rowed barley developed by Semico, Quebec from the cross Maskot/Chapais. Supported by OCCC for registration in 2000, distributed in Ontario by W.G. Thompson & Sons Ltd.

**BARLEY**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 2000**

Cultivar	II & IV(3)**		III (1)		V & VI (2)		PROVINCE***(6)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a	bu/a
AC Alberte <sup>1</sup>	3.25	40	1.57	40	3.50	31	3.05	2724	56.7
AC Kings	3.86	30	1.65	39	4.22	24	3.61	3224	67.2
AC Parkhill	4.39	6	2.50	19	3.83	30	3.89	3469	72.3
AC Sirius	3.85	31	2.33	27	4.22	26	3.72	3324	69.2
AC Sterling	4.03	18	2.15	34	4.00	28	3.71	3308	68.9
Almonte	3.74	33	2.26	32	5.11	5	3.95	3526	73.5
Belmore	4.12	17	2.39	22	4.37	22	3.92	3496	72.8
Benefit	4.26	9	2.39	23	4.75	16	4.11	3673	76.5
Bristol	4.30	8	2.33	26	-	-	-	-	-
Britton	4.20	12	2.27	31	-	-	-	-	-
Formosa	4.19	13	-	-	-	-	-	-	-
Morrison	4.14	15	2.22	33	3.95	29	3.76	3356	69.9
Sunderland	4.43	5	2.33	28	4.55	20	4.12	3679	76.7
Viking	3.92	28	-	-	-	-	-	-	-
CM96503	4.01	21	2.56	18	4.22	24	3.84	3427	71.4
T169-055	4.50	4	1.82	38	-	-	-	-	-
96/1110	3.97	27	2.58	16	-	-	-	-	-
96/1114	4.21	11	2.91	6	-	-	-	-	-
AC Alma	4.02	20	2.59	15	4.62	18	3.98	3558	74.1
AC Hamilton	4.00	23	1.97	36	4.53	21	3.84	3428	71.4
AC Klinck	4.01	22	2.75	12	5.18	2	4.19	3739	77.9
AC Legend	3.99	25	3.30	1	5.08	7	4.24	3784	78.8
AC Maple	3.72	34	2.82	9	4.92	9	3.97	3545	73.9
AC Stephen	4.14	16	2.41	21	4.71	17	4.04	3610	75.2
AC Westech	3.54	38	2.29	30	4.90	10	3.78	3379	70.4
ACCA	3.50	39	1.42	41	4.82	12	3.59	3209	66.9
Banner	3.56	37	2.60	14	-	-	-	-	-
Blakeney	-	-	2.80	11	-	-	-	-	-
Brooke	-	-	-	-	4.94	8	-	-	-
Brucefield	4.74	1	3.07	2	4.76	14	4.47	3991	83.1
Chapais	4.39	6	2.99	4	5.08	6	4.39	3915	81.6
Foster	-	-	2.30	29	4.34	23	-	-	-
Grant	3.98	26	2.80	10	4.79	13	4.05	3621	75.4
Leger	-	-	-	-	4.61	19	-	-	-
Myriam	-	-	2.34	24	4.88	11	-	-	-
Nellygan	3.70	35	-	-	-	-	-	-	-
OAC Baxter	4.53	3	2.74	13	4.07	27	4.08	3641	75.9
OAC Kippen	3.81	32	1.86	37	-	-	-	-	-
Sandrine	-	-	2.89	7	-	-	-	-	-
Viviane	3.88	29	2.49	20	-	-	-	-	-
AB186-3	3.64	36	2.95	5	5.14	3	4.02	3593	74.9
CM862.6	4.00	24	2.56	17	5.13	4	4.14	3694	77.0
C162-120	4.03	19	1.98	35	-	-	-	-	-
OBS4065-157	4.17	14	3.06	3	5.37	1	4.39	3916	81.6
OBS4181-43	4.73	2	2.34	25	4.77	14	4.35	3880	80.8
OS94-544	4.22	10	2.85	8	-	-	-	-	-
Mean	4.04	-	2.45	-	4.62	-	3.97	3545	73.8

\* see attached map  
 \*\* No. of locations  
 \*\*\* Weighted average  
<sup>1</sup> Hulless barley

**BARLEY**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 2000**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Alberte <sup>1</sup>	80	64	76	77
AC Kings	95	67	91	91
AC Parkhill	109	102	83	98
AC Sirius	95	95	91	94
AC Sterling	100	88	86	93
Almonte	93	92	111	99
Belmore	102	98	95	99
Benefit	106	97	103	104
Bristol	106	95	-	-
Britton	104	93	-	-
Formosa	104	-	-	-
Morrison	103	91	86	95
Sunderland	110	95	98	104
Viking	97	-	-	-
CM96503	99	104	91	97
T169-055	111	74	-	-
96/1110	98	105	-	-
96/1114	104	119	-	-
AC Alma	100	106	100	100
AC Hamilton	99	80	98	97
AC Klinck	99	112	112	105
AC Legend	99	135	110	107
AC Maple	92	115	106	100
AC Stephen	102	98	102	102
AC Westech	88	93	106	95
ACCA	87	58	104	91
Banner	88	106	-	-
Blakeney	-	114	-	-
Brooke	-	-	107	-
Brucefield	117	125	103	113
Chapais	109	122	110	110
Foster	-	94	94	-
Grant	99	114	104	102
Leger	-	-	100	-
Myriam	-	96	106	-
Nellygan	91	-	-	-
OAC Baxter	112	112	88	103
OAC Kippen	94	76	-	-
Sandrine	-	118	-	-
Viviane	96	101	-	-
AB186-3	90	120	111	101
CM862.6	99	104	111	104
C162-120	100	81	-	-
OBS4065-157	103	125	116	110
OBS4181-43	117	96	103	109
OS94-544	105	116	-	-
Mean yield t/ha	4.04	2.45	4.62	3.97
<sup>1</sup> Hulless barley				

**BARLEY**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1999-2000**

Cultivar	II & IV(7)**		III (3)		V & VI (4)		PROVINCE***(14)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a	bu/a
AC Alberte <sup>1</sup>	3.80	24	2.82	28	3.68	27	3.56	3177	66.2
AC Kings	4.35	17	3.49	24	4.62	18	4.24	3790	79.0
AC Parkhill	4.79	5	3.95	6	4.49	21	4.52	4040	84.2
AC Sirius	-	-	3.65	19	4.48	22	-	-	-
AC Sterling	4.46	14	3.56	22	4.45	23	4.27	3810	79.4
Almonte	4.07	22	3.89	11	5.00	8	4.30	3839	80.0
Belmore	4.45	15	3.85	12	4.79	15	4.42	3948	82.2
Benefit	4.79	6	3.74	16	5.06	6	4.64	4145	86.4
Formosa	4.65	8	-	-	-	-	-	-	-
Morrison	4.55	12	3.74	17	4.25	26	4.29	3832	79.8
Sunderland	4.73	7	3.92	7	4.79	16	4.58	4085	85.1
Viking	4.28	18	-	-	-	-	-	-	-
AC Alma	4.48	13	3.81	14	4.66	17	4.39	3920	81.7
AC Hamilton	4.57	11	3.62	20	4.58	19	4.37	3901	81.3
AC Legend	4.26	19	4.42	1	4.89	12	4.48	3998	83.3
AC Maple	3.81	23	4.27	2	4.37	24	4.07	3632	75.7
AC Stephen	4.64	9	3.56	23	4.87	13	4.47	3993	83.2
AC Westech	3.76	25	3.48	25	4.28	25	3.85	3437	71.6
ACCA	4.19	21	3.41	26	4.96	10	4.24	3787	78.9
Blakeney	-	-	3.77	15	-	-	-	-	-
Brooke	-	-	-	-	5.53	11	-	-	-
Brucefield	5.27	1	4.04	3	5.30	3	5.02	4479	93.3
Chapais	4.90	3	4.01	4	5.42	2	4.86	4336	90.3
Foster	-	-	3.61	21	5.00	9	-	-	-
Grant	4.62	10	3.92	9	4.96	11	4.56	4076	84.9
Leger	-	-	-	-	5.06	7	-	-	-
Myriam	-	-	3.90	10	5.07	5	-	-	-
OAC Baxter	4.84	4	3.83	13	4.57	20	4.54	4056	84.5
OAC Kippen	4.20	20	3.28	27	-	-	-	-	-
Sandrine	-	-	4.00	5	-	-	-	-	-
CM862.6	4.40	16	3.92	8	5.18	4	4.52	4036	84.1
OBS4181-43	5.10	2	3.66	18	4.86	14	4.72	4217	87.9
Mean	4.48	-	3.75	-	4.78	-	4.41	3933	81.9

\* see attached map  
\*\* No. of locations  
\*\*\* Weighted average  
<sup>1</sup> Hulless barley

**BARLEY**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1999-2000**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Alberte <sup>1</sup>	85	75	77	81
AC Kings	97	93	97	96
AC Parkhill	107	105	94	103
AC Sirius	-	97	94	-
AC Sterling	100	95	93	97
Almonte	91	104	105	97
Belmore	99	103	100	100
Benefit	107	100	106	105
Formosa	104	-	-	-
Morrison	102	100	89	97
Sunderland	106	105	100	104
Viking	96	-	-	-
AC Alma	100	102	98	100
AC Hamilton	102	96	96	99
AC Legend	95	118	102	102
AC Maple	85	114	91	92
AC Stephen	104	95	102	101
AC Westech	84	93	89	87
ACCA	93	91	104	96
Blakeney	-	101	-	-
Brooke	-	-	116	-
Brucefield	118	108	111	114
Chapais	109	107	113	110
Foster	-	96	105	-
Grant	103	104	104	104
Leger	-	-	106	-
Myriam	-	104	106	-
OAC Baxter	108	102	96	103
OAC Kippen	94	87	-	-
Sandrine	-	107	-	-
CM862.6	98	105	108	103
OBS4181-43	114	98	102	107
Mean yield t/ha	4.48	3.75	4.78	4.41

<sup>1</sup> Hulless barley

**BARLEY**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1998-2000**

Cultivar	II & IV(11)**		III (5)		V & VI (6)		PROVINCE***(22)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a	bu/a
AC Alberte <sup>1</sup>	3.23	20	2.81	23	3.54	19	3.22	2873	59.9
AC Kings	3.84	17	3.26	16	4.86	13	3.99	3558	74.1
AC Parkhill	4.21	5	3.37	15	-	-	-	-	-
AC Sirius	-	-	2.99	22	4.65	15	-	-	-
AC Sterling	3.95	14	3.23	19	4.55	17	3.95	3528	73.5
Almonte	3.69	19	3.42	12	-	-	-	-	-
Belmore	3.97	13	3.19	20	4.94	20	4.06	3622	75.5
Formosa	4.12	10	-	-	-	-	-	-	-
Morrison	4.01	12	3.24	18	4.62	11	4.00	3572	74.4
Sunderland	4.18	7	3.24	17	5.06	16	4.20	3754	78.2
Viking	3.82	18	-	-	-	-	-	-	-
AC Alma	4.02	11	3.60	9	4.83	9	4.15	3704	77.2
AC Hamilton	4.24	4	3.45	10	4.51	14	4.10	3663	76.3
AC Legend	3.86	16	3.94	11	5.10	18	4.23	3780	78.7
AC Stephen	4.15	8	3.37	14	4.96	8	4.19	3745	78.0
ACCA	4.12	9	3.38	13	5.39	10	4.22	3764	78.4
Blakeney	-	-	3.75	5	-	3	-	-	-
Brucefield	4.60	1	3.76	4	5.50	2	4.67	4171	86.9
Chapais	4.37	2	3.68	6	5.56	1	4.54	4052	84.4
Foster	-	-	3.45	11	5.10	7	-	-	-
Grant	4.19	6	3.84	2	5.21	6	4.36	3893	81.1
Leger	-	-	-	-	5.24	5	-	-	-
Myriam	-	-	3.63	8	5.33	4	-	-	-
OAC Baxter	4.29	3	3.66	7	4.88	12	4.34	3876	80.7
OAC Kippen	3.87	15	3.17	21	-	-	-	-	-
Sandrine	-	-	3.83	3	-	-	-	-	-
Mean	4.04	-	3.45	-	4.86	-	4.15	3704	77.2

\* see attached map

\*\* No. of locations

\*\*\* Weighted average

<sup>1</sup> Hulless barley



**BARLEY**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1998-2000**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Alberte <sup>1</sup>	80	81	73	78
AC Kings	95	94	100	96
AC Parkhill	104	98	-	-
AC Sirius	-	87	96	-
AC Sterling	98	94	94	95
Almonte	91	99	-	-
Belmore	98	93	69	98
Formosa	102	-	-	-
Morrison	99	94	102	96
Sunderland	103	94	95	101
Viking	94	-	-	-
AC Alma	100	104	104	100
AC Hamilton	105	100	99	99
AC Legend	96	114	93	102
AC Stephen	103	98	105	101
ACCA	102	98	102	102
Blakeney	-	109	111	-
Brucefield	114	109	113	113
Chapais	108	107	114	109
Foster	-	100	105	-
Grant	104	111	107	105
Leger	-	-	108	-
Myriam	-	105	110	-
OAC Baxter	106	106	100	105
OAC Kippen	96	92	-	-
Sandrine	-	111	-	-
Mean yield t/ha	4.04	3.45	4.86	4.15

<sup>1</sup> Hulless barley

**BARLEY**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1997-2000**

Cultivar	II & IV(15)**		III (6)		V & VI (8)		PROVINCE***(29)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a	bu/a
AC Kings	3.91	11	3.17	10	5.20	11	4.11	3673	76.5
AC Sirius	-	-	2.85	17	5.03	14	-	-	-
AC Sterling	3.93	10	3.09	14	4.80	16	4.00	3569	74.4
Belmore	3.97	9	3.05	15	5.25	10	4.13	3690	76.9
Formosa	4.09	5	-	-	-	-	-	-	-
Morrison	3.99	8	3.12	12	5.00	15	4.09	3651	76.1
Sunderland	4.13	3	3.10	13	5.47	7	4.28	3825	79.7
Viking	3.80	14	-	-	-	-	-	-	-
AC Alma	3.86	12	3.41	6	5.16	12	4.13	3686	76.8
AC Hamilton	4.00	7	3.30	8	5.07	13	4.15	3703	77.1
AC Stephen	4.02	6	3.24	9	5.39	9	4.24	3782	78.8
ACCA	-	-	3.16	11	5.76	3	-	-	-
Brucefield	4.44	1	3.54	3	5.88	1	4.65	4151	86.5
Chapais	4.29	2	3.48	4	5.79	2	4.53	4048	84.3
Foster	-	-	3.33	7	5.46	8	-	-	-
Grant	4.10	4	3.61	2	5.61	6	4.41	3942	82.1
Leger	-	-	-	-	5.70	4	-	-	-
Myriam	-	-	3.43	5	5.66	5	-	-	-
OAC Kippen	3.84	13	3.04	16	-	-	-	-	-
Sandrine	-	-	3.71	1	-	-	-	-	-
Mean	4.03	-	3.27	-	5.39	-	4.25	3793	79.0

\* see attached map  
 \*\* No. of locations  
 \*\*\* Weighted average

**BARLEY**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1997-2000**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Kings	96	97	96	97
AC Sirius	-	87	93	-
AC Sterling	96	94	89	94
Belmore	97	93	97	97
Formosa	100	-	-	-
Morrison	98	95	93	96
Sunderland	101	95	101	101
Viking	93	-	-	-
AC Alma	95	104	96	97
AC Hamilton	98	101	94	98
AC Stephen	98	99	100	100
ACCA	-	97	107	-
Brucefield	109	108	109	109
Chapais	105	107	107	107
Foster	-	102	101	-
Grant	100	110	104	104
Leger	-	-	106	-
Myriam	-	105	105	-
OAC Kippen	94	93	-	-
Sandrine	-	113	-	-
Mean yield t/ha	4.03	3.27	5.39	4.25

**BARLEY**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1996-2000**

Cultivar	II & IV(17)**		III (7)		V & VI (10)		PROVINCE***(34)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a	bu/a
AC Sirius	-	-	2.94	12	5.21	10	-	-	-
AC Sterling	3.97	9	3.30	9	5.00	11	4.13	3691	76.9
Belmore	4.08	6	3.29	10	5.37	7	4.30	3836	79.9
Morrison	4.08	7	3.46	8	5.24	9	4.29	3832	79.8
Sunderland	4.27	2	-	-	-	-	-	-	-
Viking	3.98	8	-	-	-	-	-	-	-
AC Alma	4.11	5	3.62	4	5.52	5	4.42	3949	82.3
AC Hamilton	4.17	4	3.61	5	5.33	8	4.40	3924	81.8
AC Stephen	4.18	3	3.58	6	5.51	6	4.45	3971	82.7
ACCA	-	-	3.50	7	5.86	2	-	-	-
Chapais	4.51	1	3.73	2	5.92	1	4.76	4252	88.6
Leger	-	-	-	-	5.85	3	-	-	-
Myriam	-	-	3.71	3	5.83	4	-	-	-
OAC Kippen	3.94	10	3.24	11	-	-	-	-	-
Sandrine	-	-	3.91	1	-	-	-	-	-
Mean	4.13	-	3.49	-	5.51	-	4.39	3922	81.7

\* see attached map  
\*\* No. of locations  
\*\*\* Weighted average

**BARLEY**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1996-2000**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Sirius	-	84	94	-
AC Sterling	96	95	91	94
Belmore	99	94	97	98
Morrison	99	99	95	98
Sunderland	104	-	-	-
Viking	96	-	-	-
AC Alma	99	104	100	101
AC Hamilton	101	104	97	100
AC Stephen	101	102	100	101
ACCA	-	100	106	-
Chapais	109	107	107	108
Leger	-	-	106	-
Myriam	-	106	106	-
OAC Kippen	95	93	-	-
Sandrine	-	112	-	-
Mean yield t/ha	4.13	3.49	5.51	4.39

**TESTING AREA II & IV  
BARLEY  
AGRONOMIC DATA, 2000**

	Yield t/ha (3)*	wt/hl kg (3)	Kernel Weight g/1000 (3)	Height cm (3)	Lodging 0-9 (3)	Maturity <sup>a</sup> days (1)	Mildew 0-9 (3)	Leaf Rust 0-9 (3)	Scald 0-9 (1)
AC Alberte <sup>1</sup>	3.25	68.9	38.5	85	2.8	103	0.6	2.0	1.0
AC Kings	3.86	60.4	45.5	96	3.2	103	3.6	1.5	0.5
AC Parkhill	4.39	63.0	43.5	84	2.9	104	0.5	1.8	0.0
AC Sirius	3.85	60.2	39.4	87	4.3	101	0.0	1.5	1.0
AC Sterling	4.03	62.5	40.7	87	2.3	104	0.6	0.7	1.0
Almonte	3.74	62.2	37.9	83	2.8	100	5.8	1.7	1.0
Belmore	4.12	62.2	39.8	82	1.5	102	5.0	1.3	1.0
Benefit	4.26	61.8	41.0	83	1.8	101	0.2	1.3	1.5
Bristol	4.30	62.5	40.0	86	3.3	100	0.0	1.2	1.0
Britton	4.20	63.7	43.5	88	2.0	102	0.0	2.0	1.0
Formosa	4.19	59.9	41.0	82	3.3	100	0.0	0.0	1.0
Morrison	4.14	63.1	40.4	83	3.0	102	0.2	1.3	0.5
Sunderland	4.43	61.5	40.0	83	2.3	100	0.0	1.5	2.0
Viking	3.92	60.8	37.3	83	3.9	102	0.0	0.0	1.0
CM96503	4.01	57.4	37.9	75	2.8	100	0.0	0.0	1.5
T169-055	4.50	62.2	40.6	84	2.0	104	0.0	1.0	1.5
96/1110	3.97	55.9	36.3	83	5.4	100	0.0	0.3	1.0
96/1114	4.21	54.3	38.6	81	0.9	100	0.0	0.0	2.0
AC Alma	4.02	53.8	34.6	91	2.3	102	6.7	5.2	1.5
AC Hamilton	4.00	53.6	36.5	98	2.2	101	6.2	4.0	1.5
AC Klinck	4.01	53.9	41.7	96	3.2	102	4.2	2.8	1.0
AC Legend	3.99	54.4	35.7	82	2.2	100	7.5	2.2	1.5
AC Maple	3.72	53.2	33.1	75	1.8	100	7.3	2.5	0.0
AC Stephen	4.14	56.6	36.9	95	3.7	101	6.2	3.0	1.5
AC Westech	3.54	53.7	29.1	88	4.2	103	4.8	3.7	1.0
ACCA	3.50	53.8	33.5	90	3.2	102	3.2	1.7	0.0
Banner	3.56	56.0	33.0	93	4.3	105	6.0	2.2	1.0
Brucefield	4.74	56.4	37.3	90	2.1	103	2.7	1.7	0.0
Chapais	4.39	54.9	40.4	85	3.7	99	5.5	1.0	1.0
Grant	3.98	55.8	36.9	98	3.5	103	0.8	1.5	1.0
Nellygan	3.70	52.5	34.3	100	4.3	101	7.7	1.7	0.5
OAC Baxter	4.53	58.2	40.4	99	2.7	101	1.5	3.3	1.0
OAC Kippen	3.81	58.9	36.1	88	4.8	101	6.0	2.3	1.0
Viviane	3.88	58.3	37.9	96	2.2	105	7.7	1.5	0.0
AB 186-3	3.64	52.6	36.7	91	3.8	100	6.3	2.5	0.5
CM862-6	4.00	53.7	34.3	93	3.0	104	3.5	3.3	0.5
C162-120	4.03	59.4	36.0	89	1.7	100	1.0	2.3	2.0
OBS4065-157	4.17	56.4	39.7	82	2.3	100	7.0	2.5	0.5
OBS4181-43	4.73	55.7	39.1	77	1.4	100	0.2	2.3	2.0
OS94-544	4.22	58.5	37.2	94	1.4	101	4.7	3.8	1.5

\* no. of locations

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

<sup>1</sup> hullless barley

**TESTING AREA II & IV  
BARLEY  
AGRONOMIC DATA, 1999-2000**

	Yield t/ha (7)*	wt/hl kg (6)	Kernel Weight g/1000 (6)	Height cm (7)	Lodging 0-9 (6)	Maturity <sup>a</sup> days (2)	Mildew 0-9 (7)	Leaf Rust 0-9 (4)	Scald 0-9 (2)
AC Alberte <sup>1</sup>	3.80	68.9	40.4	79	2.3	95	0.6	3.3	2.5
AC Kings	4.35	61.9	47.4	90	2.6	97	3.5	3.1	2.0
AC Parkhill	4.79	63.8	44.6	78	2.6	96	0.8	3.4	2.5
AC Sterling	4.46	63.5	43.0	82	2.1	98	0.6	1.8	2.8
Almonte	4.07	63.3	41.3	78	2.9	94	4.8	3.3	2.3
Belmore	4.45	63.6	42.3	76	2.2	96	4.7	2.3	2.3
Benefit	4.79	63.3	43.0	77	1.9	95	0.1	2.8	2.8
Formosa	4.65	61.0	43.8	75	3.1	94	0.0	0.0	2.8
Morrison	4.55	64.8	42.8	78	2.9	95	0.1	3.0	2.3
Sunderland	4.73	62.2	42.3	78	2.3	94	0.0	2.9	2.8
Viking	4.28	62.2	42.4	78	3.4	96	0.0	1.0	2.3
AC Alma	4.48	55.6	40.1	85	1.4	95	5.1	5.6	2.5
AC Hamilton	4.57	55.9	41.0	91	1.7	95	5.2	4.8	2.0
AC Legend	4.26	57.2	39.5	78	1.7	94	6.9	3.1	2.8
AC Maple	3.81	55.2	35.3	71	1.3	94	6.0	3.1	1.5
AC Stephen	4.64	58.8	37.8	88	2.6	95	4.4	4.3	2.5
AC Westech	3.76	55.2	33.0	83	2.6	97	3.3	4.8	2.5
ACCA	4.19	56.7	36.8	83	2.4	95	2.6	3.3	2.0
Brucefield	5.27	58.9	39.7	83	1.6	97	1.5	3.3	1.8
Chapais	4.90	55.7	41.4	80	2.2	93	4.4	2.5	2.0
Grant	4.62	58.0	39.7	91	3.0	97	0.5	3.1	2.5
OAC Baxter	4.84	59.4	41.2	91	1.7	95	0.6	4.0	2.3
AC Kippen	4.20	60.7	38.6	87	4.4	95	4.6	3.5	2.8
CM862.6	4.40	55.1	37.0	84	2.1	98	2.6	4.5	1.8
OBS4181-43	5.10	56.9	40.2	73	1.1	93	0.1	3.3	2.5

\* no. of locations

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

<sup>1</sup> hullless barley

\*\*2000 YIELD DATA - 3 LOCATIONS ONLY. POOR GERMINATION IN 1999

**TESTING AREA II & IV  
BARLEY  
AGRONOMIC DATA, 1998-2000**

	Yield t/ha (11)*	wt/hl kg (10)	Kernel Weight g/1000 (10)	Height cm (11)	Lodging 0-9 (8)	Maturity <sup>a</sup> days (5)	Mildew 0-9 (10)	Leaf Rust 0-9 (5)
AC Alberte <sup>1</sup>	3.23	65.2	38.9	76	1.9	91	0.4	4.2
AC Kings	3.84	60.7	44.9	86	2.2	92	3.1	4.1
AC Parkhill	4.21	61.7	42.4	74	2.2	89	0.6	4.4
AC Sterling	3.95	61.7	41.0	80	1.8	92	0.4	3.0
Almonte	3.69	61.4	39.0	76	2.5	89	4.6	4.1
Belmore	3.97	61.7	40.9	74	2.0	90	4.2	3.1
Formosa	4.12	60.0	41.8	73	2.5	89	0.0	0.4
Morrison	4.01	63.3	40.8	75	2.4	90	0.1	3.7
Sunderland	4.18	61.0	40.8	76	2.1	89	0.0	3.9
Viking	3.82	61.6	41.0	75	2.8	90	0.0	2.0
AC Alma	4.02	54.2	39.2	79	1.4	90	4.9	6.0
AC Hamilton	4.24	54.9	38.4	86	1.7	90	5.3	5.4
AC Legend	3.86	55.2	37.4	74	1.5	88	6.4	3.9
AC Stephen	4.15	57.4	36.4	83	2.5	89	4.5	4.7
ACCA	4.12	56.5	35.9	79	2.2	91	2.8	4.2
Brucefield	4.60	57.1	38.1	79	1.4	91	1.3	3.7
Chapais	4.37	55.6	40.3	76	1.9	88	4.2	3.4
Grant	4.19	57.2	37.9	88	2.7	91	0.6	3.9
OAC Kippen	4.29	58.7	39.8	88	1.5	90	0.8	4.4
OAC Baxter	3.87	59.6	36.7	85	3.6	90	4.2	4.2

\* no. of locations

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

<sup>1</sup> hulless barley

**TESTING AREA II & IV  
BARLEY  
AGRONOMIC DATA, 1997-2000**

Cultivar	Yield t/ha (15)*	wt/hl kg (14)	Kernel Weight g/1000 (14)	Height cm (15)	Lodging 0-9** (8)	Maturity <sup>a</sup> days (8)	Mildew 0-9 (11)	Leaf Rust 0-9** (5)
AC Kings	3.91	61.5	46.2	85	2.2	94	2.5	4.1
AC Sterling	3.93	62.6	43.4	77	1.8	95	0.4	3.0
Belmore	3.97	62.9	43.1	72	2.0	92	3.3	3.1
Formosa	4.09	61.7	43.7	71	2.5	92	0.0	0.4
Morrison	3.99	63.9	42.5	73	2.4	92	0.1	3.7
Sunderland	4.13	62.0	42.6	74	2.1	91	0.0	3.9
Viking	3.80	62.6	43.3	74	2.8	93	0.0	2.0
AC Alma	3.86	54.9	40.9	79	1.4	92	4.1	6.0
AC Hamilton	4.00	55.2	39.4	84	1.7	92	4.0	5.4
AC Stephen	4.02	58.5	37.6	82	2.5	91	3.5	4.7
Brucefield	4.44	57.9	39.2	77	1.4	93	1.2	3.7
Chapais	4.29	57.1	41.6	75	1.9	90	3.4	3.4
Grant	4.10	57.4	39.5	87	2.7	94	0.4	3.9
OAC Kippen	3.84	60.2	37.3	83	3.6	92	3.5	4.2

\* no. of locations

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

\*\* 1998-2000 DATA ONLY

**AGRONOMIC DATA, 1996-2000**

Cultivar	Yield t/ha (17)*	wt/hl kg (16)	Kernel Weight g/1000 (16)	Height cm (17)	Lodging 0-9** (10)	Maturity <sup>a</sup> days (10)	Mildew 0-9 (12)	Leaf Rust 0-9** (6)
AC Sterling	3.97	62.7	43.7	79	2.0	94	0.4	3.4
Belmore	4.08	63.3	43.2	74	1.8	91	3.5	3.7
Morrison	4.08	63.9	43.1	75	2.5	92	0.1	4.3
Sunderland	4.27	62.8	43.4	76	2.0	91	0.2	4.5
Viking	3.98	63.3	43.7	75	3.0	93	0.0	2.4
AC Alma	4.11	55.7	41.3	81	1.4	92	4.4	6.3
AC Hamilton	4.17	56.0	39.9	86	2.4	92	4.3	5.8
AC Stephen	4.18	59.0	38.2	84	2.7	90	3.8	5.0
Chapais	4.51	57.8	42.6	77	2.3	90	3.6	4.0
OAC Kippen	3.94	61.0	37.6	85	4.1	91	3.7	4.3

\* no. of locations

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

\*\* 1996, 1998-2000 DATA ONLY

TESTING AREA II & IV

BARLEY

Yield data for 2000

Cultivar	Huron I	Wellington I	Perth	Average			
				t/ha	Rank	lbs/a	bu/a
AC Alberte (AB168-11 n) <sup>1</sup>	3060	3346	3338	3.25	40	2900	60.4
AC Kings (AB159-10)	3942	4447	3182	3.86	30	3444	71.7
AC Parkhill (OBT186-13)	4705	4313	4144	4.39	6	3917	81.6
AC Sirius	4320	4170	3072	3.85	31	3441	71.7
AC Sterling	4044	4438	3616	4.03	18	3600	75.0
Almonte (OB313-2)	4440	3604	3168	3.74	33	3337	69.5
Belmore	4295	4352	3723	4.12	17	3682	76.7
Benefit (T125-053)	4471	4444	3872	4.26	9	3806	79.3
Bristol (T193-198)	4591	4314	3990	4.30	8	3838	80.0
Britton (T123-172)	4208	4271	4108	4.20	12	3746	78.0
Formosa (CM94534)	4636	4595	3352	4.19	13	3745	78.0
Morrison	4443	4122	3864	4.14	15	3699	77.1
Sunderland	4294	4906	4094	4.43	5	3957	82.4
Viking	4446	4105	3203	3.92	28	3498	72.9
CM96503	4140	4228	3659	4.01	21	3579	74.6
T169-055	4613	4856	4041	4.50	4	4021	83.8
96/1110	4641	4283	2998	3.97	27	3548	73.9
96/1114	4389	4555	3680	4.21	11	3757	78.3
AC Alma	4549	4031	3491	4.02	20	3593	74.8
AC Hamilton	3973	4351	3682	4.00	23	3573	74.4
AC Klinck (AB189)	3598	4315	4102	4.01	22	3576	74.5
AC Legend (OBS4065-127)	4176	4048	3744	3.99	25	3562	74.2
AC Maple (OBS4065-125)	4013	3664	3496	3.72	34	3325	69.3
AC Stephen	4356	4127	3938	4.14	16	3697	77.0
AC Westech	3661	3444	3524	3.54	38	3163	65.9
ACCA	3496	4047	2961	3.50	39	3126	65.1
Banner (C166-055)	4006	3844	2843	3.56	37	3182	66.3
Brucefield (OS93-709)	4750	4903	4577	4.74	1	4235	88.2
Chapais	4602	4634	3925	4.39	6	3917	81.6
Grant	3954	4076	3913	3.98	26	3554	74.1
Nellygan (QB826.18)	3883	4313	2893	3.70	35	3300	68.8
OAC Baxter (CMB936588)	4732	4728	4137	4.53	3	4047	84.3
OAC Kippen	4115	3669	3644	3.81	32	3401	70.9
Viviane	3887	4480	3263	3.88	29	3461	72.1
AB 186-3	4031	4077	2813	3.64	36	3250	67.7
CM862.6	4419	4144	3437	4.00	24	3572	74.4
C162-120	4152	4042	3895	4.03	19	3598	75.0
OBS4065-157	4692	4321	3498	4.17	14	3723	77.6
OBS4181-43	4871	4385	4938	4.73	2	4225	88.0
OBS94-544	4004	4050	4612	4.22	10	3770	78.5
Mean	4240	4226	3661	4.04	-	3609	75.2
C.V. %	7.6	7.2	11.0	8.6	-	-	-
LSD (0.05)	451	359	274	0.36	-	-	-

<sup>1</sup> hullless barley



**TESTING AREA III  
BARLEY  
AGRONOMIC DATA, 2000**

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 Alberte <sup>1</sup>	1.57	76.0	36.4	88	2.0	90
AC Kings	1.65	65.7	38.0	73	1.0	94
AC Parkhill	2.50	67.0	34.0	71	0.0	90
AC Sirius	2.33	69.7	39.2	76	3.0	89
AC Sterling	2.15	68.8	38.0	76	0.0	92
Almonte	2.26	67.6	35.6	70	0.0	92
Belmore	2.39	66.5	34.0	72	0.0	90
Benefit	2.39	65.3	34.4	77	0.0	89
Bristol	2.33	69.3	36.4	75	1.0	93
Britton	2.27	68.0	35.6	68	0.0	91
Morrison	2.22	69.0	36.4	74	0.0	92
Sunderland	2.33	67.4	38.4	64	0.0	91
CM96503	2.56	62.8	38.4	63	0.0	92
T169-055	1.82	65.1	35.6	79	1.0	91
96/1110	2.58	64.2	36.0	73	0.0	90
96/1114	2.91	64.0	39.2	70	0.0	91
AC Alma	2.59	62.8	35.2	72	1.0	92
AC Hamilton	1.97	60.0	31.6	84	4.0	91
AC Klinck	2.75	63.8	36.4	91	1.0	92
AC Legend	3.30	63.2	35.2	69	0.0	92
AC Maple	2.82	61.3	32.8	68	1.0	91
AC Stephen	2.41	65.5	31.6	80	1.0	90
AC Westech	2.29	67.0	33.6	70	1.0	90
ACCA	1.42	59.4	31.6	77	1.0	93
Banner	2.60	63.6	31.2	81	2.0	93
Blakeney	2.80	61.0	29.2	80	1.0	91
Brucefield	3.07	66.3	37.2	77	0.0	91
Chapais	2.99	66.1	37.6	70	2.0	89
Foster	2.30	64.2	32.4	77	0.0	90
Grant	2.80	65.1	35.2	88	0.0	91
Myriam	2.34	65.7	34.4	80	1.0	91
OAC Baxter	2.74	66.9	35.6	84	1.0	92
OAC Kippen	1.86	65.5	31.2	83	4.0	91
Sandrine	2.89	65.3	32.8	91	1.0	92
Viviane	2.49	64.7	37.6	80	0.0	92
AB186-3	2.95	63.2	35.6	88	3.0	91
CM862.6	2.56	61.3	31.6	74	1.0	93
C162-120	1.98	64.7	30.0	78	4.0	90
OBS4065-157	3.06	63.1	35.2	77	0.0	90
OBS4181-43	2.34	62.6	34.0	65	1.0	90
OBS94-544	2.85	64.7	32.4	77	1.0	91

\* no. of locations

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

<sup>1</sup> hulless barley

**TESTING AREA III  
BARLEY  
AGRONOMIC DATA, 1999-2000**

Cultivar	Yield t/ha (3)*	wt/hl kg (3)	Kernel Weight g/1000 (3)	Height cm (3)	Lodging 0-9 (3)	Maturity <sup>a</sup> days (2)
AC Alberte <sup>1</sup>	2.82	75.0	40.2	74	2.4	88
AC Kings	3.49	67.3	48.0	76	2.4	90
AC Parkhill	3.95	67.3	41.8	67	2.4	88
AC Sirius	3.65	67.1	41.1	73	4.0	87
AC Sterling	3.56	67.9	42.6	73	2.3	90
Almonte	3.89	67.4	39.8	69	2.2	89
Belmore	3.85	67.2	42.1	68	2.3	88
Benefit	3.74	65.7	41.2	70	2.7	87
Morrison	3.74	68.1	41.5	69	2.6	89
Sunderland	3.92	66.9	42.6	67	2.6	88
AC Alma	3.81	60.9	38.5	70	1.6	90
AC Hamilton	3.62	60.7	36.4	76	3.7	89
AC Legend	4.42	62.8	39.1	67	2.0	89
AC Maple	4.27	62.3	36.4	63	2.2	89
AC Stephen	3.56	64.4	34.5	73	2.8	88
AC Westech	3.48	64.1	35.4	70	2.9	88
ACCA	3.41	61.4	37.1	72	2.8	91
Blakeney	3.77	62.4	34.0	75	2.0	89
Brucefield	4.04	63.7	38.4	71	1.8	88
Chapais	4.01	62.9	40.3	66	3.0	87
Foster	3.61	63.3	35.6	71	2.4	88
Grant	3.92	63.6	36.2	80	1.9	90
Myriam	3.90	65.0	39.8	76	2.6	89
OAC Baxter	3.83	65.9	40.1	76	2.4	89
OAC Kippen	3.28	66.2	35.9	76	4.2	88
Sandrine	4.00	65.1	37.5	83	3.1	89
CM862.6	3.92	62.0	36.1	71	2.1	91
OBS4181-43	3.66	62.9	38.9	62	2.6	88

\* no. of locations

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

<sup>1</sup> hulless barley

**TESTING AREA III  
BARLEY  
AGRONOMIC DATA, 1998-2000**

	Yield t/ha (5)*	wt/hl kg (5)	Kernel Weight g/1000 (5)	Height cm (5)	Lodging 0-9 (4)	Maturity <sup>a</sup> days (3)
AC Alberte <sup>1</sup>	2.81	72.9	40.0	70	3.3	90
AC Kings	3.26	66.2	45.7	70	3.4	92
AC Parkhill	3.37	66.4	40.7	62	3.8	89
AC Sirius	2.99	64.4	38.1	67	4.9	88
AC Sterling	3.23	66.3	41.7	69	3.5	91
Almonte	3.42	66.4	38.7	64	3.5	91
Belmore	3.19	65.4	39.5	63	3.5	89
Morrison	3.24	66.5	39.6	64	3.8	91
Sunderland	3.24	65.7	40.6	63	3.8	89
AC Alma	3.60	60.0	38.0	66	2.1	91
AC Hamilton	3.45	60.3	37.2	71	3.5	90
AC Legend	3.94	62.6	40.6	63	3.3	90
AC Stephen	3.37	63.3	34.6	69	3.7	88
ACCA	3.38	60.8	37.4	67	3.5	92
Blakeney	3.75	61.0	33.7	71	3.1	90
Brucefield	3.76	62.3	38.1	65	2.8	90
Chapais	3.68	61.6	40.1	63	4.0	88
Foster	3.45	62.1	35.5	66	3.0	90
Grant	3.84	62.9	37.4	75	2.6	90
Myriam	3.63	64.2	39.3	70	3.2	89
OAC Baxter	3.66	64.5	39.0	70	3.2	89
OAC Kippen	3.17	64.7	35.2	71	4.7	88
Sandrine	3.83	64.2	37.4	77	3.5	90

\* no. of locations

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

<sup>1</sup> hulless barley

**TESTING AREA III  
BARLEY  
AGRONOMIC DATA, 1997-2000**

	Yield t/ha (6)*	wt/hl kg (7)	Kernel Weight g/1000 (7)	Height cm (7)	Lodging 0-9** (4)	Maturity <sup>a</sup> days (4)
AC Kings	3.17	67.5	46.2	71	3.4	91
AC Sirius	2.85	65.6	39.0	67	4.9	88
AC Sterling	3.09	67.4	42.0	67	3.5	91
Belmore	3.05	66.8	40.6	62	3.5	89
Morrison	3.12	67.7	40.7	63	3.8	91
Sunderland	3.10	66.9	41.4	62	3.8	89
AC Alma	3.41	60.9	38.9	64	2.1	90
AC Hamilton	3.30	61.2	38.0	69	3.5	89
AC Stephen	3.24	63.8	35.5	68	3.7	88
ACCA	3.16	62.3	38.8	65	3.5	91
Brucefield	3.54	63.4	38.6	64	2.8	89
Chapais	3.48	62.8	41.2	62	4.0	88
Foster	3.33	63.1	37.0	66	3.0	89
Grant	3.61	63.9	38.5	73	2.6	90
Myriam	3.43	64.9	39.1	68	3.2	88
OAC Kippen	3.04	66.1	36.3	71	4.7	88
Sandrine	3.71	65.5	37.7	74	3.5	89

\* no. of locations

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

\*\* 1998-2000 DATA ONLY

**AGRONOMIC DATA, 1996-2000**

	Yield t/ha (7)*	wt/hl kg (8)	Kernel Weight g/1000 (8)	Height cm (8)	Lodging 0-9** (5)	Maturity <sup>a</sup> days (5)
AC Sirius	2.94	66.0	40.5	68	4.7	88
AC Sterling	3.30	67.7	43.0	69	3.0	90
Belmore	3.29	67.4	42.3	64	2.9	88
Morrison	3.46	68.0	41.7	65	3.3	90
AC Alma	3.62	61.6	40.2	67	1.8	90
AC Hamilton	3.61	61.9	38.9	71	3.0	89
AC Stephen	3.58	64.3	36.7	70	3.3	88
ACCA	3.50	62.8	39.3	67	2.9	91
Chapais	3.73	63.4	42.3	64	3.4	88
Myriam	3.71	65.3	40.3	70	2.6	88
OAC Kippen	3.24	66.4	37.0	73	4.2	88
Sandrine	3.91	66.3	38.5	76	3.0	89

\* no. of locations

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

\*\* 1996, 1998-2000 DATA ONLY

**TESTING AREA III  
BARLEY  
Yield data for 2000**

Cultivar	Carleton	Average			
		t/ha	Rank	lbs/a	bu/a
AC Alberte (AB168-11 n) <sup>1</sup>	1567	1.57	40	1399	29.1
AC Kings (AB159-10)	1648	1.65	39	1471	30.7
AC Parkhill (OBT186-13)	2500	2.50	19	2232	46.5
AC Sirius	2332	2.33	27	2082	43.4
AC Sterling	2145	2.15	34	1915	39.9
Almonte (OB313-2)	2264	2.26	32	2021	42.1
Belmore	2389	2.39	22	2133	44.4
Benefit (T125-053)	2387	2.39	23	2131	44.4
Bristol (T193-198)	2334	2.33	26	2084	43.4
Britton (T123-172)	2268	2.27	31	2025	42.2
Morrison	2219	2.22	33	1981	41.3
Sunderland	2331	2.33	28	2081	43.4
CM96503	2555	2.56	18	2281	47.5
T169-055	1821	1.82	38	1626	33.9
96/1110	2583	2.58	16	2306	48.0
96/1114	2912	2.91	6	2600	54.2
AC Alma	2594	2.59	15	2316	48.3
AC Hamilton	1969	1.97	36	1758	36.6
AC Klinck (AB189)	2745	2.75	12	2451	51.1
AC Legend (OBS4065-127)	3303	3.30	1	2949	61.4
AC Maple (OBS4065-125)	2815	2.82	9	2513	52.4
AC Stephen	2408	2.41	21	2150	44.8
AC Westech	2285	2.29	30	2040	42.5
ACCA	1418	1.42	41	1266	26.4
Banner (C166-055)	2598	2.60	14	2320	48.3
Blakeney (C231-041)	2796	2.80	11	2496	52.0
Brucefield (OS93-709)	3071	3.07	2	2742	57.1
Chapais	2990	2.99	4	2670	55.6
Foster	2299	2.30	29	2053	42.8
Grant	2799	2.80	10	2499	52.1
Myriam	2344	2.34	24	2093	43.6
OAC Baxter (CMB936588)	2739	2.74	13	2446	50.9
OAC Kippen	1856	1.86	37	1657	34.5
Sandrine	2888	2.89	7	2579	53.7
Viviane	2486	2.49	20	2220	46.2
AB 186-3	2949	2.95	5	2633	54.9
CM862.6	2556	2.56	17	2282	47.5
C162-120	1978	1.98	35	1766	36.8
OBS4065-157	3062	3.06	3	2734	57.0
OBS4181-43	2340	2.34	25	2089	43.5
OBS94-544	2846	2.85	8	2541	52.9
Mean	2449	2.45	-	2186	45.5
C.V. %	10.5	10.5	-	-	-
LSD (0.05)	NA	NA	-	-	-

<sup>1</sup> hullless barley

TESTING AREA V & VI

BARLEY

Yield data for 2000

	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 (2)
AC Alberte <sup>1</sup>	3.50	74.5	44.2	78	0.0	95
AC Kings	4.22	67.7	46.6	87	0.0	98
AC Parkhill	3.83	67.9	44.4	75	0.0	96
AC Sirius	4.22	68.7	46.3	84	0.0	95
AC Sterling	4.00	70.0	44.5	80	0.0	99
Almonte	5.11	68.5	42.5	81	0.3	97
Belmore	4.37	69.3	45.8	76	0.3	96
Benefit	4.75	68.0	41.1	76	0.0	96
Morrison	3.95	68.8	45.3	78	0.8	97
Sunderland	4.55	69.4	43.9	80	0.0	95
CM96503	4.22	64.7	43.7	70	0.3	99
AC Alma	4.62	62.7	43.4	86	0.3	99
AC Hamilton	4.53	62.2	40.9	96	1.6	99
AC Klinck	5.18	64.5	44.8	98	0.6	97
AC Legend	5.08	64.1	46.0	76	0.0	96
AC Maple	4.92	63.3	38.7	74	0.0	96
AC Stephen	4.71	65.1	38.6	94	0.6	98
AC Westech	4.90	65.4	36.6	88	0.3	98
ACCA	4.82	63.8	39.7	86	0.0	99
Brooke	4.94	66.0	38.0	86	1.8	95
Brucefield	4.76	65.2	42.2	86	0.3	99
Chapais	5.08	63.0	43.6	83	0.8	97
Foster	4.34	65.3	40.4	80	0.0	97
Grant	4.79	64.3	40.9	97	1.0	102
Leger	4.61	65.5	37.3	96	0.3	97
Myriam	4.88	66.2	43.4	86	0.0	97
OAC Baxter	4.07	65.5	42.6	85	0.0	98
AB 186-3	5.14	63.7	44.6	91	0.6	101
CM862.6	5.13	63.5	37.1	90	0.3	97
OBS4065-157	5.37	65.5	45.3	76	0.0	97
OBS4181-43	4.77	63.6	44.1	72	0.0	97

\* no. of locations

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

<sup>1</sup> hullless barley

**TESTING AREA V & VI**  
**BARLEY**  
**Yield data for 1999-2000**

	Yield t/ha (4)*	wt/hl kg (4)	Kernel Weight g/1000 (4)	Height cm (4)	Lodging 0-9 (3)	Maturity <sup>a</sup> days (4)
AC Alberte <sup>1</sup>	3.68	67.5	43.5	77	0.3	96
AC Kings	4.62	64.6	48.7	85	0.3	98
AC Parkhill	4.49	65.0	43.3	75	0.7	95
AC Sirius	4.48	65.1	45.8	80	0.3	95
AC Sterling	4.45	66.0	45.3	80	0.0	99
Almonte	5.00	64.6	41.7	79	1.1	96
Belmore	4.79	66.2	46.0	75	0.4	96
Benefit	5.06	65.3	43.6	74	0.0	96
Morrison	4.25	64.6	43.6	75	0.9	96
Sunderland	4.79	66.5	44.8	78	0.7	96
AC Alma	4.66	59.1	44.7	80	0.1	99
AC Hamilton	4.58	59.2	40.8	88	0.5	100
AC Legend	4.89	61.9	48.1	73	0.0	97
AC Maple	4.37	59.5	39.2	70	0.0	97
AC Stephen	4.87	62.2	39.3	88	0.9	98
AC Westech	4.28	60.0	36.2	82	0.4	98
ACCA	4.96	60.8	41.3	81	0.0	100
Brooke	5.53	64.3	39.4	79	0.6	96
Brucefield	5.30	61.6	42.6	81	0.1	98
Chapais	5.42	60.5	45.6	77	0.3	97
Foster	5.00	62.3	41.1	77	0.0	98
Grant	4.96	61.9	43.8	90	1.0	101
Leger	5.06	61.6	39.0	91	0.1	98
Myriam	5.07	63.1	43.8	83	0.0	98
OAC Baxter	4.57	62.4	45.3	83	0.0	99
CM862.6	5.18	60.9	40.3	85	0.1	99
OBS4181-43	4.86	59.7	42.1	68	0.0	97

\* no. of locations

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

<sup>1</sup> hullless barley

**TESTING AREA V & VI  
BARLEY  
AGRONOMIC DATA, 1998-2000**

	Yield t/ha (6)*	wt/hl kg (6)	Kernel Weight g/1000 (6)	Height cm (6)	Lodging 0-9 (5)	Maturity <sup>a</sup> days (6)
AC Alberte <sup>1</sup>	3.54	66.7	42.5	77	0.3	99
AC Kings	4.86	64.7	48.4	85	0.3	100
AC Sirius	4.65	65.5	45.3	80	0.5	96
AC Sterling	4.55	65.6	44.9	80	0.1	100
Belmore	4.94	65.9	45.8	75	0.3	98
Morrison	4.94	65.9	45.6	74	0.3	98
Sunderland	4.62	65.0	43.7	75	0.7	98
AC Alma	5.06	66.1	44.9	77	0.5	97
AC Hamilton	4.83	59.6	43.8	79	0.1	100
AC Legend	4.51	59.9	40.9	87	0.4	101
AC Stephen	5.10	61.6	46.0	73	0.0	99
ACCA	4.97	63.0	39.0	87	0.7	99
Brucefield	5.50	61.4	41.4	81	0.1	100
Chapais	5.56	61.4	45.2	75	0.2	98
Foster	5.10	61.7	40.1	78	0.0	99
Grant	5.21	62.1	43.4	90	0.8	101
Leger	5.24	62.3	39.1	91	0.1	99
Myriam	5.33	63.6	44.3	83	0.0	99
OAC Baxter	4.88	62.8	44.9	84	0.0	101

\* no. of locations

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

<sup>1</sup> hulless barley



**TESTING AREA V & VI  
BARLEY  
AGRONOMIC DATA, 1997-2000**

	Yield t/ha (8)*	wt/hl kg (8)	Kernel Weight g/1000 (8)	Height cm (8)	Lodging 0-9** (4)	Maturity <sup>a</sup> days (8)
AC Kings	5.20	64.8	47.9	85	0.3	99
AC Sirius	5.03	65.7	44.2	79	0.5	96
AC Sterling	4.80	65.5	44.3	80	0.1	99
Belmore	5.25	66.3	44.7	74	0.3	97
Morrison	5.00	65.7	43.7	74	0.7	97
Sunderland	5.47	66.0	44.4	76	0.5	96
AC Alma	5.16	59.8	43.0	79	0.1	99
AC Hamilton	5.07	60.4	40.4	86	0.4	99
AC Stephen	5.39	62.9	38.6	86	0.7	97
ACCA	5.76	62.3	42.1	82	0.0	101
Brucefield	5.88	61.4	40.9	80	0.1	99
Chapais	5.79	61.4	44.5	73	0.2	96
Foster	5.46	61.6	39.8	78	0.0	98
Grant	5.61	62.5	43.1	89	0.8	100
Leger	5.70	62.1	38.5	90	0.1	98
Myriam	5.66	63.7	43.9	83	0.0	98

\* no. of locations

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

\*\* 1998-2000 DATA ONLY

**AGRONOMIC DATA, 1996-99**

	Yield t/ha (10)*	wt/hl kg (10)	Kernel Weight g/1000 (10)	Height cm (10)	Lodging 0-9** (5)	Maturity <sup>a</sup> days (9)
AC Sirius	5.21	65.2	44.1	80	1.7	95
AC Sterling	5.00	65.3	44.1	82	1.1	99
Belmore	5.37	66.1	44.4	74	1.3	97
Morrison	5.24	65.7	43.3	75	1.6	97
AC Alma	5.52	59.6	43.1	80	0.7	99
AC Hamilton	5.33	60.0	40.0	87	1.5	99
AC Stephen	5.51	62.5	38.3	88	1.7	97
ACCA	5.86	62.0	41.4	83	1.0	101
Chapais	5.92	60.9	44.2	74	0.8	97
Leger	5.85	62.0	38.1	91	1.1	98
Myriam	5.83	63.8	43.7	83	0.6	98

\* no. of locations

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

\*\* 1996, 1998-2000 DATA ONLY

**TESTING AREA V & VI  
BARLEY  
Yield data for 2000**

	Rainy River	Cochrane	Average			
			t/ha	Rank	lbs/a	bu/a
AC Alberte (AB168-11 n) <sup>1</sup>	4017	2975	3.50	31	3121	65.0
AC Kings (AB159-10)	4679	3769	4.22	24	3771	78.6
AC Parkhill (OBT186-13)	4481	3169	3.83	30	3415	71.1
AC Sirius	5078	3365	4.22	26	3769	78.5
AC Sterling	4385	3605	4.00	28	3567	74.3
Almonte (OB313-2)	5327	4890	5.11	5	4561	95.0
Belmore	4407	4325	4.37	22	3898	81.2
Benefit (T125-053)	4856	4652	4.75	16	4245	88.4
Morrison	3993	3809	3.95	29	3528	73.5
Sunderland	4497	4604	4.55	20	4063	84.6
CM96503	4465	3981	4.22	24	3771	78.6
AC Alma	5576	3667	4.62	18	4126	86.0
AC Hamilton	5137	3923	4.53	21	4045	84.3
AC Klinck (AB189)	5885	4484	5.18	2	4629	96.4
AC Legend (OBS4065-127)	5547	4608	5.08	7	4533	94.4
AC Maple (OBS4065-125)	5274	4562	4.92	9	4391	91.5
AC Stephen	5505	3923	4.71	17	4209	87.7
AC Westech	5314	4479	4.90	10	4372	91.1
ACCA	6017	3628	4.82	12	4306	89.7
Brooke	5377	4504	4.94	8	4411	91.9
Brucefield (OS93-709)	5344	4174	4.76	14	4249	88.5
Chapais	5727	4433	5.08	6	4536	94.5
Foster	5409	3263	4.34	23	3871	80.7
Grant	5416	4172	4.79	13	4280	89.2
Leger	4975	4239	4.61	19	4113	85.7
Myriam	5609	4145	4.88	11	4354	90.7
OAC Baxter (CMB936588)	4966	3169	4.07	27	3632	75.7
AB 186-3	6330	3944	5.14	3	4587	95.6
CM862.6	6144	4124	5.13	4	4584	95.5
OBS4065-157	5488	5256	5.37	1	4796	99.9
OBS4181-43	5565	3972	4.77	14	4258	88.7
Mean	5187	4062	4.62	-	4125	85.9
C.V. %	12.9	10.6	11.8	-	-	-
LSD (0.05)	937	603	0.77	-	-	-

<sup>1</sup> hullless barley

**INFORMATION ONLY - NEW LISKEARD LOCATION  
TESTING AREA V & VI  
BARLEY  
2000 YIELD & AGRONOMIC DATA**

Cultivar	Yield t/ha	wt/hl kg	Kernel Weight g/1000	Height cm	Lodging 0-9	Maturity <sup>a</sup> days
AC Alberte <sup>1</sup>	4.64	64.8	29.0	88	6	100
AC Kings	6.08	63.6	29.6	97	5	101
AC Parkhill	5.48	63.6	30.9	80	6	100
AC Sirius	6.14	62.3	27.5	89	8	101
AC Sterling	5.24	64.8	32.7	89	5	101
Almonte	5.69	63.6	31.6	89	4	101
Belmore	6.60	63.6	33.9	83	5	100
Benefit	5.40	63.6	34.1	81	5	101
Morrison	5.38	62.3	32.3	80	6	101
Sunderland	5.42	63.6	34.0	88	4	101
CM96503	4.92	61.1	32.9	79	3	101
AC Alma	7.00	59.9	29.9	86	5	101
AC Hamilton	5.74	59.9	30.7	93	5	101
AC Klinck	5.89	59.9	33.8	98	6	101
AC Legend	5.84	61.1	33.3	81	5	101
AC Maple	5.69	56.1	26.1	87	5	101
AC Stephen	6.63	59.9	29.1	100	5	101
AC Westech	6.08	61.1	29.7	97	4	100
ACCA	6.23	61.1	29.2	95	5	102
Brooke	5.60	62.3	26.9	98	5	99
Brucefield	6.72	61.1	30.7	82	5	101
Chapais	6.63	58.6	33.6	82	5	100
Foster	6.57	58.6	28.2	91	5	99
Grant	5.47	59.9	33.6	91	5	102
Leger	6.00	59.9	30.8	103	4	101
Myriam	6.86	62.3	35.1	95	3	101
OAC Baxter	6.49	61.1	30.1	96	5	101
AB186-3	5.79	58.6	29.6	93	5	101
CM862.6	6.58	61.1	29.4	89	5	101
OBS4065-157	5.81	58.6	30.1	83	4	101
OBS4181-43	5.59	59.9	29.9	81	6	101
MEAN	5.94	61.2	30.9	89	5	101
C.V. %	15.0	-	-	-	-	-
L.S.D. (.05)	1.25	-	-	-	-	-

\* no. of locations

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

<sup>1</sup> Hulless barley

**INFORMATION ONLY - VERNER LOCATION  
TESTING AREA V & VI  
BARLEY  
2000 YIELD & AGRONOMIC DATA**

Cultivar	Yield t/ha	wt/hl kg	Kernel Weight g/1000	Height cm	Lodging 0-9	Maturity <sup>a</sup> days
AC Alberte <sup>1</sup>	3.84	67.3	29.6	75	0	-
AC Kings	4.77	62.3	27.6	87	0	-
AC Parkhill	5.09	64.8	28.3	70	0	-
AC Sirius	4.50	61.1	28.1	76	0	-
AC Sterling	4.97	63.6	30.0	79	0	-
Almonte	5.03	62.3	27.3	76	0	-
Belmore	4.70	63.6	34.5	70	0	-
Benefit	4.33	62.3	28.2	70	0	-
Morrison	4.72	62.3	25.3	74	0	-
Sunderland	4.39	63.6	27.5	72	0	-
CM96503	4.70	58.6	24.5	65	0	-
AC Alma	4.13	56.1	24.1	66	0	-
AC Hamilton	4.50	57.4	22.0	78	0	-
AC Klinck	4.77	58.6	28.7	85	0	-
AC Legend	4.56	58.6	29.4	68	0	-
AC Maple	4.17	57.4	22.2	58	0	-
AC Stephen	4.26	57.4	22.0	85	0	-
AC Westech	3.92	58.6	19.7	81	0	-
ACCA	4.83	58.6	24.9	77	0	-
Brooke	4.50	59.9	27.0	78	0	-
Brucefield	4.06	58.6	23.7	68	0	-
Chapais	3.97	57.4	24.2	69	0	-
Foster	4.13	58.6	25.0	78	0	-
Grant	4.48	58.6	26.8	88	0	-
Leger	4.00	59.9	23.2	88	0	-
Myriam	4.84	61.1	23.3	78	0	-
OAC Baxter	4.63	59.9	26.0	83	0	-
AB186-3	4.69	57.4	29.3	83	0	-
CM862.6	4.86	61.1	24.5	75	0	-
OBS4065-157	4.63	58.6	25.8	72	0	-
OBS4181-43	4.54	57.4	26.1	58	0	-
MEAN	4.50	60.1	26.1	75	0	-
C.V. %	12.8	-	-	-	-	-
L.S.D. (.05)	N/S	-	-	-	-	-

\* no. of locations

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

<sup>1</sup> Hulless barley

## DESCRIPTION OF CULTIVARS IN PERFORMANCE TRIALS, 2000

### OATS

- AC Assiniboia (Robert 68(OT 275)) - a backcross of the crown rust resistance gene Pc68 into Robert developed by Agriculture Canada, Winnipeg. Registered in 1994, distributed by C & M Seeds.
- AC Aylmer (OA 966-1) - a white-hulled oat developed by AAFC-ECORC from the cross OA905-1-69/84/PC68. Supported by OCCC for registration in 1998. Registered in 2000, distributed by William Houde Limitee.
- AC Francis (OA 961-1) - an oat developed by AAFC from a complex cross with Newman and other lines. Registered in 1996, distributed by SeCan.
- AC Goslin (OA974-1) - a white-hulled oat developed by AAFC-ECORC from the cross OA952-3\*2/PC48. Supported by OCCC for registration in 1999. Registered in 2000, distributed by W.G. Thompson & Sons Ltd. in Ontario.
- 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, distributed by SeCan.
- AC Stewart (OA 796-15) - a yellow-hulled oat developed by Agriculture Canada, Ottawa from the cross 4\*Ogle/OT219. Registered in 1991, distributed by SeCan.
- Ida (MI-0-88-22) - a white-hulled oat developed by Michigan State University from the cross ILL.79-5394/Ogle. Registered in 1997, distributed by W.G. Thompson & Sons Ltd.
- Irish (MI-0-88-30) - a yellow-hulled oat developed by Michigan State University from the cross ILL.79-5394/Ogle. Registered in 1998, distributed by W.G. Thompson & Sons Ltd.
- Moffat (NY79083-42) - a white-hulled oat developed by Cornell University from the cross Ogle/Aurora II. Tested by W.G. Thompson & Sons Ltd. Registered in 1996, distributed by C&M Seeds.
- OAC Arrow (GA 921019) - a white oat developed by OAC from the cross Ogle/OA715-55//OA629-6//Ogle. Supported for registration by OCCC in 1997. Registered in 1999, distributed by SeCan.
- OAC Markdale (GA 921021) - a white oat developed by OAC from the cross Ogle/OA715-55//OA629-6//Ogle. Supported for registration by OCCC in 1997. Registered in 2000, distributed by Plant Agriculture Department, University of Guelph.
- OAC Paisley (GA 891234) - a yellow-hulled oat cultivar developed by OAC from the cross Ogle/OA630-2. Registered in 1995, distributed by SeCan.
- OA 965-1 - a white-hulled oat developed by AAFC-ECORC from the cross OA904-1-89\*4/PC62. Supported by OCCC for registration in 1998
- OA 981-9 - a yellow-hulled oat developed by AAFC-ECORC from the cross AC Stewart\*4/Pc68. Supported by OCCC for registration in 2000.
- OA 982-6 - a white-hulled oat developed by AAFC-ECORC from the cross Pc68/Donegal. Supported by OCCC registration in 2000.
- AC Ernie (NO61-1) - a hullless oat developed by AAFC-ECORC from the cross Capital\*2/04434.634.-17. Registered in 1997, distributed by C & M Seeds.
- NO 66-4 - a hullless oat developed by AAFC-ECORC from the cross OT244\*2/04434-653-41. Supported by OCCC for registration in 2000, distributed by SeCan.

**OATS**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 2000**

Cultivar	II & IV(3)**		III(1)		V & VI(2)		PROVINCE***(6)	
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a
AC Assiniboia	4.14	4	3.70	13	5.60	2	4.55	4065
AC Aylmer	4.09	7	4.35	8	5.09	10	4.47	3987
AC Francis	4.10	5	4.59	4	5.09	9	4.51	4027
AC Goslin	4.05	8	5.03	2	5.00	11	4.53	4045
AC Rigodon	3.30	15	3.92	11	5.29	6	4.07	3631
AC Stewart	3.86	12	4.46	7	4.98	12	4.33	3869
Ida	4.18	3	4.50	6	4.95	13	4.49	4008
Irish	4.35	2	4.59	5	5.41	5	4.74	4235
Moffat	4.10	6	3.90	12	5.47	4	4.52	4039
OAC Arrow	3.78	13	3.29	15	4.32	15	3.88	3464
OAC Markdale	4.02	10	3.44	14	5.27	7	4.34	3872
OAC Paisley	3.52	14	4.18	10	5.79	1	4.39	3915
OA965-1	3.97	11	4.69	3	4.90	14	4.40	3926
OA981-9	4.67	1	5.29	1	5.23	8	4.96	4428
OA982-6	4.05	9	4.29	9	5.60	3	4.60	4111
Mean	4.01	-	4.28	-	5.20	-	4.45	3975
AC Ernie <sup>1</sup>	2.50	2	1.90	2	3.86	2	2.86	2548
NO66-4 <sup>1</sup>	2.54	1	2.78	1	3.62	1	2.94	2624
Mean	2.52	-	2.34	-	3.74	-	2.90	2586

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

**OATS**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 2000**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Assiniboia	103	86	108	102
AC Aylmer	102	102	98	100
AC Francis	102	107	98	101
AC Goslin	101	118	96	102
AC Rigodon	82	92	102	91
AC Stewart	96	104	96	97
Ida	104	105	95	101
Irish	109	107	104	107
Moffat	102	91	105	102
OAC Arrow	94	77	83	87
OAC Markdale	100	80	101	97
OAC Paisley	88	98	111	99
OA965-1	99	110	94	99
OA981-9	116	123	101	111
OA982-6	101	100	108	103
Mean yield t/ha	4.01	4.28	5.20	4.45
AC Ernie <sup>1</sup>	99	81	103	98
NO66-4 <sup>1</sup>	101	119	97	101
Mean	2.52	2.34	3.74	2.90

<sup>1</sup> Hulless oats

**OATS**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1999-2000**

Cultivar	II & IV(6)**		III(3)		V & VI(4)		PROVINCE***(13)	
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a
AC Assiniboia	4.20	7	4.02	6	5.23	4	4.48	3997
AC Aylmer	4.30	3	4.47	3	4.80	12	4.49	4010
AC Francis	4.19	8	4.21	4	4.99	10	4.44	3965
AC Goslin	4.15	9	4.69	1	5.09	6	4.56	4076
AC Rigodon	3.93	13	3.55	10	5.38	2	4.29	3828
AC Stewart	4.07	11	3.38	11	5.12	5	4.24	3783
Ida	4.27	5	3.92	7	4.96	11	4.40	3930
Irish	4.41	1	4.03	5	5.35	3	4.61	4117
Moffat	4.30	2	3.87	8	5.01	9	4.42	3946
OAC Arrow	4.12	10	3.26	13	4.51	13	4.04	3608
OAC Markdale	4.24	6	3.35	12	5.05	8	4.28	3823
OAC Paisley	4.06	12	3.71	9	5.63	1	4.46	3984
OA965-1	4.29	4	4.50	2	5.05	7	4.57	4083
Mean	4.20	-	3.92	-	5.09	-	4.41	3935
AC Ernie <sup>1</sup>	2.92	1	1.88	1	3.86	1	2.81	2509
Mean	2.92	-	1.88	-	3.86	-	2.81	2509

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

**OATS**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1999-2000**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Assiniboia	100	103	103	102
AC Aylmer	102	114	94	102
AC Francis	100	107	98	101
AC Goslin	99	120	100	104
AC Rigodon	94	91	106	97
AC Stewart	97	86	101	96
Ida	102	100	97	100
Irish	105	103	105	105
Moffat	102	99	98	100
OAC Arrow	98	83	89	92
OAC Markdale	101	85	99	97
OAC Paisley	97	95	111	101
OA965-1	102	115	99	104
Mean yield t/ha	4.20	3.92	5.09	4.41
AC Ernie <sup>1</sup>	100	100	100	100
Mean	2.92	1.88	3.86	2.81

<sup>1</sup> Hulless oats

**OATS**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1998-2000**

Cultivar	II & IV(10)**		III(5)		V & VI(6)		PROVINCE***(21)	
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a
AC Assiniboia	3.60	11	3.66	5	5.16	7	4.06	3624
AC Aylmer	3.78	5	3.87	2	4.96	11	4.14	3693
AC Francis	3.67	10	3.71	4	5.22	4	4.12	3681
AC Rigodon	3.59	12	3.53	8	5.29	3	4.06	3626
AC Stewart	3.83	4	3.05	11	5.17	5	4.03	3596
Ida	3.85	3	3.63	6	5.03	9	4.13	3692
Irish	4.10	1	3.93	1	5.52	2	4.47	3987
Moffat	3.87	2	3.56	7	5.05	8	4.13	3689
OAC Arrow	3.68	9	2.96	12	4.61	12	3.77	3370
OAC Markdale	3.76	6	3.11	10	5.00	10	3.96	3535
OAC Paisley	3.72	7	3.53	9	5.61	1	4.21	3761
OA965-1	3.69	8	3.85	3	5.17	6	4.15	3710
Mean	3.76	-	3.53	-	5.15	-	4.10	3664
AC Ernie <sup>1</sup>	2.55	1	2.07	1	3.90	1	2.82	2518
Mean	2.55	-	2.07	-	3.90	-	2.82	2518

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

**OATS**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1998-2000**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Assiniboia	96	104	100	99
AC Aylmer	100	110	96	101
AC Francis	98	105	101	101
AC Rigodon	95	100	103	99
AC Stewart	102	87	100	98
Ida	102	103	98	101
Irish	109	111	107	109
Moffat	103	101	98	101
OAC Arrow	98	84	89	92
OAC Markdale	100	88	97	97
OAC Paisley	99	100	109	103
OA965-1	98	109	100	101
Mean yield t/ha	3.76	3.53	5.15	4.10
AC Ernie <sup>1</sup>	100	100	100	100
Mean	2.55	2.07	3.90	2.82

<sup>1</sup> Hulless oats



**OATS**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1997-2000**

Cultivar	II & IV(14)**		III(7)		V & VI(8)		PROVINCE***(29)	
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a
AC Assiniboia	3.76	9	3.54	3	5.64	4	4.23	3775
AC Francis	3.70	10	3.59	2	5.49	6	4.17	3720
AC Rigodon	3.82	7	3.45	6	5.90	2	4.31	3844
AC Stewart	3.87	5	3.08	8	5.34	7	4.08	3646
Ida	4.00	2	3.51	4	5.26	9	4.23	3777
Irish	4.15	1	3.74	1	5.79	3	4.50	4020
Moffat	3.98	3	3.40	7	5.50	5	4.26	3804
OAC Arrow	3.77	8	2.95	10	4.96	10	3.90	3484
OAC Markdale	3.83	6	3.04	9	5.32	8	4.05	3616
OAC Paisley	3.92	4	3.49	5	6.11	1	4.42	3949
Mean	3.88	-	3.38	-	5.53	-	4.22	3764

\* See attached map  
 \*\* No. of locations  
 \*\*\* Weighted average

**OATS**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1997-2000**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Assiniboia	97	105	102	100
AC Francis	95	106	99	99
AC Rigodon	98	102	107	102
AC Stewart	100	91	97	97
Ida	103	104	95	100
Irish	107	111	105	107
Moffat	103	101	99	101
OAC Arrow	97	87	90	92
OAC Markdale	99	90	96	96
OAC Paisley	101	103	111	105
Mean yield t/ha	3.88	3.38	5.53	4.22

**OATS**  
**MEAN YIELDS IN DIFFERENT AREAS\*, 1996-2000**

Cultivar	II & IV(17)**		III(8)		V & VI(9)		PROVINCE***(34)	
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a
AC Assiniboia	3.99	2	3.65	1	5.62	3	4.34	3875
AC Francis	3.84	6	3.59	2	5.54	4	4.23	3779
AC Rigodon	3.88	4	3.58	3	5.93	2	4.35	3884
AC Stewart	3.87	5	3.22	6	5.33	5	4.10	3664
Moffat	4.06	1	3.53	5	-	-	-	-
OAC Paisley	3.98	3	3.57	4	6.22	1	4.48	3999
Mean	3.94	-	3.52	-	5.73	-	4.30	3840

\* See attached map  
\*\* No. of locations

**OATS**  
**DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1996-2000**

Cultivar	II & IV	III	V & VI	PROVINCE
AC Assiniboia	101	104	98	101
AC Francis	98	102	97	98
AC Rigodon	98	102	104	101
AC Stewart	98	91	93	95
Moffat	103	100	-	-
OAC Paisley	101	102	109	104
Mean yield t/ha	3.94	3.52	5.73	4.30

**TESTING AREA II & IV  
OATS  
AGRONOMIC DATA, 2000**

Cultivar	Yield t/ha (3)*	wt/hl kg (3)	Kernel Weight g/1000 (3)	Height cm (3)	Lodging 0-9 (1)	Maturity <sup>a</sup> days (1)	Leaf Rust 0-9 (1)	Septoria 0-9 (1)	BYDV 0-9 (1)
AC Assiniboia	4.14	44.4	32.8	111	0.5	100	0.0	3.5	1.0
AC Aylmer	4.09	45.3	36.7	123	6.8	97	0.0	4.0	2.0
AC Francis	4.10	45.9	36.3	120	6.5	99	0.0	4.0	1.0
AC Goslin	4.05	41.4	34.2	115	6.0	100	0.5	4.0	0.5
AC Rigodon	3.30	43.6	30.4	116	5.3	101	7.0	4.5	1.0
AC Stewart	3.86	39.5	33.6	118	3.5	96	7.5	3.5	0.5
Ida	4.18	42.8	28.4	119	5.8	99	4.5	3.0	0.5
Irish	4.35	41.5	30.0	115	1.3	96	2.0	3.0	1.0
Moffat	4.10	43.3	30.1	101	7.0	98	1.5	2.0	0.5
OAC Arrow	3.78	42.4	27.6	112	8.5	94	5.0	3.5	3.5
OAC Markdale	4.02	44.3	30.1	119	6.0	99	3.0	3.5	1.5
OAC Paisley	3.52	38.8	32.2	111	6.5	96	8.0	3.0	1.5
OA965-1	3.97	43.5	34.3	120	6.8	96	0.0	4.0	0.5
OA981-9	4.67	43.0	36.7	120	5.3	96	0.0	3.0	0.0
OA982-6	4.05	42.2	34.0	120	7.5	100	0.0	2.5	1.5
AC Ernie <sup>1</sup>	2.50	54.4	22.2	115	2.5	100	7.0	5.0	1.5
N066-4 <sup>1</sup>	2.54	52.9	24.5	117	2.3	99	7.0	4.0	3.5

\* no. of locations

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

<sup>1</sup> hulless oats

**AGRONOMIC DATA, 1999-2000**

Cultivar	Yield t/ha (6)*	wt/hl kg (6)	Kernel Weight g/1000 (6)	Height cm (7)	Lodging 0-9 (3)	Maturity <sup>a</sup> days (2)	Leaf Rust 0-9 (2)	Septoria 0-9 (3)
AC Assiniboia	4.20	43.4	34.2	94	0.4	92	0.0	4.5
AC Aylmer	4.30	44.5	37.8	100	3.8	89	1.0	5.8
AC Francis	4.19	44.4	35.7	97	4.0	91	1.5	6.2
AC Goslin	4.15	41.4	35.0	95	3.2	92	0.3	5.5
AC Rigodon	3.93	43.7	33.5	99	3.9	93	6.5	5.2
AC Stewart	4.07	41.0	36.9	95	2.6	88	7.8	5.8
Ida	4.27	43.6	31.7	97	3.0	91	3.3	4.8
Irish	4.41	42.2	32.2	94	1.2	88	1.0	5.3
Moffat	4.30	42.0	31.6	82	3.5	90	1.8	3.3
OAC Arrow	4.12	42.2	29.8	93	4.3	86	5.5	4.5
OAC Markdale	4.24	43.9	32.4	103	3.1	91	4.0	4.2
OAC Paisley	4.06	39.7	33.5	93	3.4	88	7.5	3.8
OA965-1	4.29	43.1	35.0	100	4.0	88	0.0	5.8
AC Ernie <sup>1</sup>	2.92	54.7	23.5	99	1.5	92	6.0	4.3

\* no. of locations

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

<sup>1</sup> hulless oats

**TESTING AREA II & IV  
OATS  
AGRONOMIC DATA, 1998-2000**

Cultivar	Yield t/ha (10)*	wt/hl kg (10)	Kernel Weight g/1000 (10)	Height cm (11)	Lodging 0-9 (5)	Maturity <sup>a</sup> days (5)	Leaf Rust 0-9 (3)	Septoria 0-9 (1)	BYDV 0-9** (2)
AC Assiniboia	3.60	43.5	34.1	87	2.3	90	0.0	4.0	1.3
AC Aylmer	3.78	44.6	36.6	93	3.9	87	0.7	5.7	1.8
AC Francis	3.67	44.5	35.4	90	3.9	88	3.0	5.6	1.0
AC Rigodon	3.59	42.9	32.9	91	3.5	91	6.3	4.3	1.0
AC Stewart	3.83	42.0	36.6	89	3.5	87	7.5	5.0	1.0
Ida	3.85	44.1	30.9	90	3.2	90	3.8	4.1	0.8
Irish	4.10	43.0	31.7	90	2.6	88	2.3	4.8	1.3
Moffat	3.87	42.2	30.1	77	3.1	89	2.5	3.3	1.0
OAC Arrow	3.68	42.3	29.2	88	4.9	85	5.0	4.6	2.5
OAC Markdale	3.76	44.2	32.3	94	2.8	90	4.0	3.7	2.5
OAC Paisley	3.72	40.4	33.7	87	2.8	88	7.3	3.4	1.5
OA965-1	3.69	43.9	34.4	94	3.9	86	0.0	5.6	0.3
AC Ernie <sup>1</sup>	2.55	53.9	24.2	92	1.5	90	6.7	4.2	1.8

\* no. of locations

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

<sup>1</sup> hulless oats

\*\* 1998 & 2000 DATA ONLY

**AGRONOMIC DATA, 1997-2000**

Cultivar	Yield t/ha (14)*	wt/hl kg (14)	Kernel Weight g/1000 (14)	Height cm (15)	Lodging 0-9 (5)	Maturity <sup>a</sup> days (7)	Leaf Rust 0-9 (5)	Septoria 0-9 (8)	BYDV 0-9*** (3)
AC Assiniboia	3.76	44.4	36.9	87	2.3	93	0.0	3.9	0.8
AC Francis	3.70	45.5	37.0	88	3.9	92	1.8	5.7	1.8
AC Rigodon	3.82	44.6	35.0	91	3.5	93	5.2	3.9	1.2
AC Stewart	3.87	43.4	38.2	87	3.5	91	6.5	5.1	1.8
Ida	4.00	45.6	32.5	89	3.2	93	2.3	3.8	1.5
Irish	4.15	44.5	33.7	89	2.6	91	1.7	4.7	1.8
Moffat	3.98	43.4	31.4	76	3.1	93	2.3	3.3	1.2
OAC Arrow	3.77	43.9	31.4	87	4.9	88	3.3	4.6	3.2
OAC Markdale	3.83	45.4	33.5	92	2.8	93	2.7	3.7	1.8
OAC Paisley	3.92	42.7	34.3	86	2.8	91	6.2	3.7	1.3

\* no. of locations

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

\*\* 1998-2000 DATA ONLY

\*\*\* 1997-98, 2000 DATA ONLY

**TESTING AREA II & IV  
OATS  
AGRONOMIC DATA, 1996-2000**

Cultivar	Yield t/ha (17)*	wt/hl kg (17)	Kernel Weight g/1000 (17)	Height cm (17)	Lodging 0-9** (7)	Maturity <sup>a</sup> days (9)	Leaf Rust 0-9 (7)	Septoria 0-9 (9)
AC Assiniboia	3.99	44.9	37.8	89	2.1	94	0.1	3.6
AC Francis	3.84	45.5	37.2	90	4.2	92	1.3	5.6
AC Rigodon	3.88	44.8	35.6	94	3.7	94	5.1	3.6
AC Stewart	3.87	43.1	38.1	90	3.3	91	6.1	5.0
Moffat	4.06	43.2	32.1	79	3.6	94	2.7	3.0
OAC Paisley	3.98	42.6	34.6	89	2.8	92	5.6	3.6

\* no. of locations

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

\*\* 1996 & 1998-2000 DATA ONLY

**TESTING AREA II & IV  
OATS  
Yield data for 2000**

Cultivar	Huron 1	Wellington I	Perth	Average			
				t/ha	Rank	lb/a	bu/a
AC Assiniboia	4249	4138	4029	4.14	4	3695	108.7
AC Aylmer (OA966-1)	4381	4251	3641	4.09	7	3653	107.4
AC Francis	4533	4249	3529	4.10	5	3664	107.8
AC Goslin (OA974-1)	4305	4345	3505	4.05	8	3618	106.4
AC Rigodon	4524	1872	3512	3.30	15	2949	86.7
AC Stewart	4591	2995	4002	3.86	12	3449	101.4
Ida (MI88-022)	4718	4049	3760	4.18	3	3728	109.7
Irish (MI88-0-30)	4973	3954	4129	4.35	2	3886	114.3
Moffat	4491	4002	3808	4.10	6	3661	107.7
OAC Arrow (GA921019)	4032	3937	3380	3.78	13	3378	99.3
OAC Markdale (GA921021)	4468	3606	3978	4.02	10	3587	105.5
OAC Paisley	4596	3330	2624	3.52	14	3140	92.4
OA965-1	4187	4323	3390	3.97	11	3542	104.2
OA981-9	5149	5064	3790	4.67	1	4167	122.6
OA982-6	5186	4205	2762	4.05	9	3617	106.4
AC Ernie <sup>1</sup>	2928	1677	2907	2.50	17	2236	-
N066-4 <sup>1</sup>	3084	2039	2499	2.54	16	2268	-
MEAN	4376	3649	3485	3.84	-	3426	-
C.V. %	5.9	8.1	13.7	9.2	-	-	-
LSD (0.05)	367	350	379	365	-	-	-

<sup>1</sup> hullless oats

**TESTING AREA III  
OATS  
AGRONOMIC DATA, 2000**

Cultivar	Yield t/ha (1)*	wt/hl kg (1)	Kernel Weight g/1000 (1)	Height cm (1)	Lodging 0-9 (-)	Maturity <sup>a</sup> days (-)	Leaf Rust 0-9 (1)	BYDV 0-9 (1)
AC Assiniboia	3.70	56.8	41.0	104	-	-	0.0	1.5
AC Aylmer	4.35	57.7	42.0	112	-	-	0.0	1.5
AC Francis	4.59	56.8	41.0	112	-	-	0.0	1.0
AC Goslin	5.03	54.0	40.0	109	-	-	1.5	1.5
AC Rigodon	3.92	54.5	35.0	114	-	-	6.0	1.5
AC Stewart	4.46	52.5	39.0	109	-	-	6.0	0.0
Ida	4.50	55.8	35.0	109	-	-	6.5	0.0
Irish	4.59	54.8	36.0	107	-	-	2.5	0.0
Moffat	3.90	54.9	34.0	89	-	-	0.0	0.0
OAC Arrow	3.29	52.9	34.0	102	-	-	6.0	0.5
OAC Markdale	3.44	55.1	35.0	114	-	-	4.5	0.0
OAC Paisley	4.18	51.3	34.0	104	-	-	6.5	0.0
OA965-1	4.69	57.9	40.0	114	-	-	0.0	1.5
OA981-9	5.29	52.7	43.0	104	-	-	0.0	0.0
OA982-6	4.29	56.5	41.0	114	-	-	0.0	1.0
AC Ernie <sup>1</sup>	1.90	54.6	22.0	112	-	-	6.5	0.0
N066-4 <sup>1</sup>	2.78	58.6	29.0	114	-	-	5.0	0.5

\* no. of locations

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

<sup>1</sup> hulless oats

**AGRONOMIC DATA, 1999-2000**

Cultivar	Yield t/ha (3)*	wt/hl kg (3)	Kernel Weight g/1000 (3)	Height cm (3)	Lodging 0-9** (1)	Maturity <sup>a</sup> days (-)	Leaf Rust 0-9*** (1)
AC Assiniboia	4.02	51.7	38.9	90	7.0	-	0.0
AC Aylmer	4.47	54.3	40.3	91	6.5	-	0.0
AC Francis	4.21	52.7	39.1	87	6.8	-	0.0
AC Goslin	4.69	49.4	37.9	84	6.8	-	1.5
AC Rigodon	3.55	48.3	33.8	94	7.5	-	6.0
AC Stewart	3.38	46.8	38.1	90	6.8	-	6.0
Ida	3.92	50.5	33.3	88	6.3	-	6.5
Irish	4.03	49.3	34.3	88	5.8	-	2.5
Moffat	3.87	48.4	34.3	80	5.8	-	0.0
OAC Arrow	3.26	47.8	31.2	87	7.3	-	6.0
OAC Markdale	3.35	50.1	33.4	93	6.5	-	4.5
OAC Paisley	3.71	46.2	33.3	87	7.5	-	6.5
OA965-1	4.50	52.7	38.7	94	6.8	-	0.0
AC Ernie <sup>1</sup>	1.88	56.6	21.9	95	6.8	-	6.5

\* no. of locations

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

\*\* 1999 DATA ONLY

\*\*\* 2000 DATA ONLY

<sup>1</sup> hulless oats

**TESTING AREA III  
OATS  
AGRONOMIC DATA, 1998-2000**

Cultivar	Yield t/ha (5)*	wt/hl kg (5)	Kernel Weight g/1000 (5)	Height cm (5)	Lodging 0-9** (1)	Maturity <sup>a</sup> days*** (1)	Leaf Rust 0-9**** (2)
AC Assiniboia	3.66	51.0	38.9	90	7.0	106	0.0
AC Aylmer	3.87	52.3	39.3	87	6.5	103	0.0
AC Francis	3.71	50.8	36.9	84	6.8	105	0.0
AC Rigodon	3.53	47.6	33.1	95	7.5	105	4.0
AC Stewart	3.05	46.5	36.6	85	6.8	101	3.5
Ida	3.63	50.1	32.2	87	6.3	105	3.8
Irish	3.93	49.2	33.2	85	5.8	105	1.3
Moffat	3.56	47.7	32.9	79	5.8	105	0.0
OAC Arrow	2.96	46.8	29.9	85	7.3	100	3.0
OAC Markdale	3.11	48.9	31.9	92	6.5	104	2.3
OAC Paisley	3.53	45.7	32.6	86	7.5	104	3.8
OA965-1	3.85	51.4	37.3	88	6.8	103	0.0
AC Ernie <sup>1</sup>	2.07	56.9	22.0	94	6.8	105	3.8

\* no. of locations

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

\*\* 1999 DATA ONLY

\*\*\* 1998 DATA ONLY

\*\*\*\* 1998, 2000 DATA ONLY

<sup>1</sup> hullless oats

**AGRONOMIC DATA, 1997-2000**

Cultivar	Yield t/ha (7)*	wt/hl kg (7)	Kernel Weight g/1000 (7)	Height cm (7)	Lodging 0-9** (1)	Maturity <sup>a</sup> days*** (1)	Leaf Rust 0-9**** (1)
AC Assiniboia	3.54	50.7	38.7	86	7.0	106	0.0
AC Francis	3.59	51.2	37.3	80	6.8	105	0.0
AC Rigodon	3.45	48.4	34.1	89	7.5	105	4.0
AC Stewart	3.08	47.2	37.2	80	6.8	101	3.5
Ida	3.51	50.4	32.1	82	6.3	105	3.8
Irish	3.74	50.0	33.9	82	5.8	105	1.3
Moffat	3.40	48.3	32.6	74	5.8	105	0.0
OAC Arrow	2.95	47.0	29.7	80	7.3	100	3.0
OAC Markdale	3.04	49.3	31.9	87	6.5	104	2.3
OAC Paisley	3.49	46.9	33.7	82	7.5	104	3.8

\* no. of locations

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

\*\* 1999 DATA ONLY

\*\*\* 1998 DATA ONLY

\*\*\*\* 1998, 2000 DATA ONLY

**TESTING AREA III  
OATS  
AGRONOMIC DATA, 1996-2000**

Cultivar	Yield t/ha (8)*	wt/hl kg (8)	Kernel Weight g/1000 (8)	Height cm (8)	Lodging 0-9** (2)	Maturity <sup>a</sup> days*** (1)	Leaf Rust 0-9**** (3)
AC Assiniboia	3.65	51.4	38.9	88	4.2	106	0.0
AC Francis	3.59	51.9	37.6	83	6.8	105	0.0
AC Rigodon	3.58	49.7	34.4	91	4.8	105	3.7
AC Stewart	3.22	48.0	37.6	82	4.8	101	3.0
Moffat	3.53	49.4	32.5	75	3.9	105	0.2
OAC Paisley	3.57	48.0	34.1	83	4.9	104	3.2

\* no. of locations

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

\*\* 1996, 1999 DATA ONLY

\*\*\* 1998 DATA ONLY

\*\*\*\* 1996, 1998-2000 DATA ONLY

**TESTING AREA III  
OATS  
Yield data for 2000**

Cultivar	Carleton	Average			
		t/ha	Rank	lb/a	bu/a
AC Assiniboia	3697	3.70	13	3301	97.1
AC Aylmer (OA966-1)	4349	4.35	8	3883	114.2
AC Francis	4589	4.59	4	4097	120.5
AC Goslin (OA974-1)	5033	5.03	2	4494	132.2
AC Rigodon	3919	3.92	11	3499	102.9
AC Stewart	4458	4.46	7	3980	117.1
Ida (MI88-022)	4496	4.50	6	4014	118.1
Irish (MI88-0-30)	4588	4.59	5	4096	120.5
Moffat	3901	3.90	12	3483	102.4
OAC Arrow (GA921019)	3288	3.29	15	2936	86.3
OAC Markdale (GA921021)	3436	3.44	14	3068	90.2
OAC Paisley	4179	4.18	10	3731	109.7
OA965-1	4693	4.69	3	4190	123.2
OA981-9	5285	5.29	1	4719	138.8
OA982-6	4285	4.29	9	3826	112.5
AC Ernie <sup>1</sup>	1898	1.90	17	1695	-
N066-4 <sup>1</sup>	2780	2.78	16	2482	-
MEAN	4051	4.05	-	3617	-
C.V. %	8.5	8.5	-	-	-
LSD (0.05)	316	0.32	-	-	-

<sup>1</sup> hullless oats



**TESTING AREA V & VI  
OATS  
AGRONOMIC DATA, 2000**

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 (2)
AC Assiniboia	5.60	47.1	39.1	98	0.0	109
AC Aylmer	5.09	48.6	40.9	100	2.0	106
AC Francis	5.09	49.4	35.5	102	0.8	106
AC Goslin	5.00	45.7	35.0	95	0.0	107
AC Rigodon	5.29	47.1	38.0	109	0.0	108
AC Stewart	4.98	46.8	39.3	93	0.0	105
Ida	4.95	46.9	34.4	96	0.0	107
Irish	5.41	47.6	34.2	94	0.0	107
Moffat	5.47	46.3	33.9	82	0.0	107
OAC Arrow	4.32	43.9	34.5	91	0.0	105
OAC Markdale	5.27	45.2	36.0	100	0.0	107
OAC Paisley	5.79	49.0	38.3	93	0.0	106
OA965-1	4.90	49.2	39.9	108	2.0	106
OA981-9	5.23	44.3	40.9	91	0.3	105
OA982-6	5.60	48.2	38.0	106	0.0	107
AC Ernie <sup>l</sup>	3.86	57.8	30.5	101	0.0	108
N066-4 <sup>l</sup>	3.62	55.5	32.2	100	0.0	109

\* no. of locations

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

<sup>l</sup> hullless oats

**AGRONOMIC DATA, 1999-2000**

Cultivar	Yield t/ha (4)*	wt/hl kg (4)	Kernel Weight g/1000 (4)	Height cm (4)	Lodging 0-9 (2)	Maturity <sup>a</sup> days (4)
AC Assiniboia	5.23	45.4	37.9	98	1.0	108
AC Aylmer	4.80	46.4	39.3	96	1.5	106
AC Francis	4.99	46.7	36.1	95	1.4	105
AC Goslin	5.09	45.1	36.6	94	0.5	107
AC Rigodon	5.38	45.6	37.1	105	0.5	107
AC Stewart	5.12	44.8	38.1	90	0.5	105
Ida	4.96	45.5	32.8	96	1.0	107
Irish	5.35	44.7	33.3	91	0.5	107
Moffat	5.01	44.0	33.4	81	0.5	107
OAC Arrow	4.51	42.6	32.9	92	1.0	105
OAC Markdale	5.05	43.8	34.7	98	1.0	107
OAC Paisley	5.63	46.1	37.7	92	0.5	106
OA965-1	5.05	47.2	39.0	103	1.5	106
AC Ernie <sup>l</sup>	3.86	55.9	29.7	100	0.5	108

\* no. of locations

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

<sup>l</sup> hullless oats

**TESTING AREA V & VI  
OATS  
AGRONOMIC DATA, 1998-2000**

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 (6)
AC Assiniboia	5.16	45.8	37.7	96	1.0	108
AC Aylmer	4.96	47.8	40.0	95	1.5	106
AC Francis	5.22	47.8	36.7	94	1.4	105
AC Rigodon	5.29	46.3	36.7	103	0.5	107
AC Stewart	5.17	46.3	39.0	88	0.5	105
Ida	5.03	47.0	33.4	92	1.0	107
Irish	5.52	46.7	34.4	90	0.5	107
Moffat	5.05	45.5	33.2	80	0.5	108
OAC Arrow	4.61	44.6	33.0	90	1.0	104
OAC Markdale	5.00	45.6	34.6	97	1.0	107
OAC Paisley	5.61	46.5	37.1	91	0.5	106
OA965-1	5.17	48.5	39.3	100	1.5	106
AC Ernie <sup>1</sup>	3.90	57.0	28.7	99	0.5	108

\* no. of locations

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

\*\* 1999-2000 DATA ONLY

<sup>1</sup> hullless oats

**AGRONOMIC DATA, 1997-2000**

Cultivar	Yield t/ha (8)*	wt/hl kg (9)	Kernel Weight g/1000 (9)	Height cm (8)	Lodging 0-9** (3)	Maturity <sup>a</sup> days (7)
AC Assiniboia	5.64	46.2	37.4	98	0.7	107
AC Francis	5.49	47.7	35.6	95	1.6	105
AC Rigodon	5.90	46.9	36.9	104	0.7	106
AC Stewart	5.34	46.8	37.9	88	0.3	105
Ida	5.26	47.5	32.6	93	0.7	106
Irish	5.79	46.2	33.9	91	0.3	106
Moffat	5.50	46.2	32.3	81	0.3	107
OAC Arrow	4.96	44.6	31.9	90	1.7	103
OAC Markdale	5.32	47.1	33.7	98	0.7	106
OAC Paisley	6.11	47.0	36.5	92	0.3	105

\* no. of locations

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

\*\* 1997, 1999-2000 DATA ONLY

**TESTING AREA V & VI  
OATS  
AGRONOMIC DATA, 1996-2000**

Cultivar	Yield t/ha (9)*	wt/hl kg (10)	Kernel Weight g/1000 (10)	Height cm (9)	Lodging 0-9** (4)	Maturity <sup>a</sup> days (8)
AC Assiniboia	5.62	46.6	37.4	97	1.0	107
AC Francis	5.54	47.7	35.4	95	2.0	104
AC Rigodon	5.93	47.3	37.0	103	1.5	106
AC Stewart	5.33	46.7	38.0	88	1.0	104
OAC Paisley	6.22	47.3	36.5	93	0.5	105

\* no. of locations

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

\*\* 1996-1997, 1999-2000 DATA ONLY

**TESTING AREA V & VI  
OATS  
Yield data for 2000**

Cultivar	Rainy River	Cochrane	Average			
			t/ha	Rank	lb/a	bu/a
AC Assiniboia	6983	4223	5.60	2	5003	147.1
AC Aylmer (OA966-1)	5315	4857	5.09	10	4541	133.6
AC Francis	5832	4345	5.09	9	4543	133.6
AC Goslin (OA974-1)	5816	4181	5.00	11	4463	131.3
AC Rigodon	5820	4753	5.29	6	4720	138.8
AC Stewart	5799	4153	4.98	12	4443	130.7
Ida (M188-022)	5337	4571	4.95	13	4423	130.1
Irish (M188-0-30)	6438	4380	5.41	5	4829	142.0
Moffat	6547	4396	5.47	4	4885	143.7
OAC Arrow (GA921019)	5054	3588	4.32	15	3858	113.5
OAC Markdale (GA921021)	5787	4746	5.27	7	4702	138.3
OAC Paisley	6563	5018	5.79	1	5170	152.1
OA965-1	5498	4292	4.90	14	4371	128.5
OA981-9	5524	4945	5.23	8	4674	137.5
OA982-6	6515	4675	5.60	3	4996	146.9
AC Ernie <sup>1</sup>	4727	2986	3.86	16	3443	-
N066-4 <sup>1</sup>	4448	2783	3.62	17	3228	-
MEAN	5765	4288	5.03	-	4488	-
C.V. %	10.9	10.9	10.9	-	-	-
LSD (0.05)	896	664	0.78	-	-	-

<sup>1</sup> hulless oats

**INFORMATION ONLY - NEW LISKEARD LOCATION  
TESTING AREA V & VI  
OATS**

**2000 YIELD & AGRONOMIC DATA**

Cultivar	Yield t/ha	wt/hl kg	Kernel Weight g/1000	Height cm	Lodging 0-9	Maturity <sup>a</sup> days
AC Assiniboia	4.34	53.6	41.1	119	7.0	112
AC Aylmer	5.17	53.6	40.0	114	7.0	112
AC Francis	4.79	53.6	33.2	113	9.0	112
AC Goslin	4.81	49.9	37.1	108	7.0	109
AC Rigodon	5.26	51.1	37.3	119	8.0	110
AC Stewart	5.82	49.9	36.8	108	8.0	108
Ida	5.96	49.9	32.2	111	8.0	112
Irish	6.51	52.4	36.6	109	7.0	112
Moffat	5.86	49.9	33.4	104	7.0	112
OAC Arrow	5.46	51.1	36.8	108	8.0	110
OAC Markdale	4.60	53.6	39.6	118	5.0	111
OAC Paisley	5.54	51.1	36.8	113	6.0	108
OA965-1	5.12	52.4	37.2	119	7.0	112
OA981-9	5.77	52.4	38.8	107	6.0	108
OA982-6	5.93	51.1	36.9	118	8.0	113
AC Ernie <sup>1</sup>	3.79	62.3	28.7	130	4.0	111
N066-4 <sup>1</sup>	4.51	59.9	29.2	122	7.0	113
MEAN	5.25	52.8	36.0	114	6.9	111
C.V. %	21.0	-	-	-	-	-
L.S.D. (.05)	N/S	-	-	-	-	-

<sup>a</sup> no. of days from seeding to maturity; <sup>1</sup> hullless oats

**INFORMATION ONLY - VERNER LOCATION  
TESTING AREA V & VI  
OATS**

**2000 YIELD & AGRONOMIC DATA**

Cultivar	Yield t/ha	wt/hl kg	Kernel Weight g/1000	Height cm	Lodging 0-9	Maturity <sup>a</sup> days
AC Assiniboia	3.12	49.9	33.6	83	0.0	-
AC Aylmer	3.39	49.9	39.8	88	0.0	-
AC Francis	3.09	49.9	36.0	93	0.0	-
AC Goslin	3.07	46.1	32.0	87	0.0	-
AC Rigodon	4.05	51.1	33.1	97	0.0	-
AC Stewart	3.10	48.6	30.4	85	0.0	-
Ida	3.35	49.9	28.4	90	0.0	-
Irish	3.45	48.6	28.9	86	0.0	-
Moffat	3.12	49.9	27.5	72	0.0	-
OAC Arrow	3.80	48.6	28.2	93	0.0	-
OAC Markdale	3.63	49.9	28.9	92	0.0	-
OAC Paisley	3.83	48.6	30.2	89	0.0	-
OA965-1	3.02	51.1	36.7	88	0.0	-
OA981-9	3.58	47.4	31.3	89	0.0	-
OA982-6	4.00	49.9	31.3	92	0.0	-
AC Ernie <sup>1</sup>	4.56	61.1	30.2	88	0.0	-
N066-4 <sup>1</sup>	3.18	58.6	34.9	95	0.0	-
MEAN	3.47	50.5	31.8	89	0.0	-
C.V. %	14.8	-	-	-	-	-
L.S.D. (.05)	0.73	-	-	-	-	-

<sup>a</sup> no. of days from seeding to maturity; <sup>1</sup> hullless oats

## ONTARIO PERFORMANCE TRIALS; FALL WHEAT 2000

## INDEX

DESCRIPTION OF VARIETIES.....	48
DETAILS OF LOCATIONS.....	50
YIELD INDEX SUMMARIES (8,6,5 YRS.).....	51
YIELD INDEX SUMMARIES (4,3 YRS.).....	52
YIELD INDEX SUMMARIES (2 YRS.).....	53
2000 YIELD INDEX SUMMARIES.....	54
RELATIVE YIELDS ACROSS LOCATIONS.....	55
8 YEAR TRAIT SUMMARIES.....	58
6 YEAR TRAIT SUMMARIES.....	60
5 YEAR TRAIT SUMMARIES.....	62
4 YEAR TRAIT SUMMARIES.....	64
3 YEAR TRAIT SUMMARIES.....	67
2 YEAR TRAIT SUMMARIES.....	70
1 YEAR TRAIT SUMMARIES.....	73
2000 TRIAL STATISTICS.....	78
2000 TRIAL DETAILS.....	79

## 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
SPWW	SPECIALTY WHITE WINTER
SRW	SOFT RED WINTER
SWW	SOFT WHITE WINTER

## ONTARIO PERFORMANCE TRIALS; FALL WHEAT 2000

DESCRIPTION OF VARIETIES/LINES TESTED

- Variety Name;class type: experimental designation - pedigree - breeder,institute - sponsor, distributor - date, number and type of registration.
- 1 **Harus;SWW:** H1-11-3 - Fredrick/Yorkstar - A.Teich, Agriculture & Agri-Food Can., Harrow, ON - SeCan - 04/85, 2518, Full Registration for Canada.
  - 2 **Karena;SWW:** TW85108 - Augusta/H11(Harus Bulk) L. Shugar, W.G.Thompson & Sons Ltd. - 05/1991, 3445, Full Registration for Canada.
  - 3 **AC-Ron;SWW:** H212-8 - Harus/Augusta - A.Teich,Agriculture & Agri-Food Canada, Harrow - SeCan - 03/95,3552,Full Registration for Canada.
  - 4 **OAC-Ariss;SWW:** OAC87:22 - Yorkstar/Fredrick - L.A.Hunt,University of Guelph - SeCan - 02/1995, 4061, Full Registration for Canada
  - 5 **Fundulea;HRW:** F29-76 - Aurora/Riley.67 - Fundulea Research Institute,Romania C&M Seeds - 3358, 1/91 - Regional Registration for NFD,PEI,NS, NB,ON,PQ.
  - \*6 **Marilee;SWW:** TW89204, L. Shugar, W.G.Thompson & Sons Ltd. - 12/1994, 4037, Full Registration for Canada.
  - 7 **Freedom;SRW:** GR876/OH217(OH217=Logan\*3/3/Va63-52-12/Loban//Blueboy-F2) - Ohio State University - C&M Seeds - 11/1997,4653, Regional Registration for Nfld,PEI,NS,NB,ON,PQ.
  - 8 **AC-Cartier;SWW:** PRCW9203 - Lennox x Fredrick)F5 x Augusta - R.Pandeya,Agriculture and Agri-Food Canada, Ottawa,ON - Advantage Seed Grower and Processors Inc. - 4626 - Full Registration for Canada.
  - 9 **AC-Morley;HRW:** H242:31:1- Siouxland/Perlo - Abe Teich, Agriculture & Agri-Food Can., Harrow,ON - Advantage Seed Growers and Processors Inc.R.R.#1, Inkerman, ON, KOE 1J0 - 08/1997, I-228 Interim Regional Registration for NFD,PEI,NS,NB,ON,PQ.
  - 10 **25W33;SWW-a:** XW741 - Pioneer variety 2548/Pioneer variety 2555 sib - Bill Laskar, Pioneer Hi-Bred International Inc., Indiana - Pioneer Hi-Bred Ltd., Chatham, ON.- 03/1997, 4523, Registered for all provinces except Quebec.
  - 11 **Hanover;HRW:** SEMU34208 - Iljitshovka/Hadm.6508/74 - Dr.W.Porche,Semundo Saatzucht, Germany, - Hyland Seeds, W.G.Thompson & Sons Ltd.- 04/1996, 4301, Regional Registration for NFD,PEI,NS,NB,ON,PQ.
  - 12 **Mendon;SRW:** X0467/B2141//B5250 - Michigan State Univ.- W.G.Thompson & Sons Ltd. - Hyland Seeds, W.G.Thompson & Sons Ltd.- 04/1996, 4302, Regional Registration for NFD,PEI,NS,NB,ON,PQ.
  - 13 **Patriot;HRW:** CM94090 - 18.178/Aurora//F1684/Pterzia - Pflanzenzucht Oberlimpurg - C&M Seeds - 03/1998, 4714, Regional Registration for NFD,PEI,NS ,NB,ON.
  - 14 **2540;SRW-a:** Pioneer line W9018A/2555 sib//Stella/Caldwell - Bill Laskar, Pioneer Hi-Bred International Inc.,Indiana - Pioneer Hi-Bred Ltd., Chatham, ON. - 08/1997, I-230, Full Registration for ON.
  - 15 **Superior;SWW:** TW93211 - Rebecca/Harus - L. Shugar, W.G.Thompson & Sons Ltd. - Hensall District Co-op/Advantage Seed Growers and Processors - 4673 - Full Registration for Nfld,PEI,NS,NB,ON.

\* Entry was dropped from the 2000/2001 Performance Trial.

## ONTARIO PERFORMANCE TRIALS; FALL WHEAT 2000

DESCRIPTION OF VARIETIES/LINES TESTED

- Variety Name;class type: experimental designation - pedigree - breeder, institute - sponsor, distributor - date, number and type of registration.
- \*16 25R26;SRW-a: 2548 sib/Pioneer line W9057c//Pioneer line W9018A/Pioneer variety 2555 sib - B.Laskar, Pioneer Hi-Bred International Inc. Indiana - Pioneer Hi-Bred Ltd., Chatham, ON. - Interim Registration.
- 17 25W60;SWW-a: WBI0638E1 - Kavkaz/Hart//Pioneer variety 2550/3/Pioneer var.2555 backcross line/4/Pioneer variety 2548 - Bill Laskar, Pioneer Hi-Bred International Inc., Indiana - Pioneer Hi-Bred Ltd., Chatham, ON. - Registration pending.
- 18 AC Mackinnon;SWW PRC9308 - R.Pandeya, Agriculture and Agri-Food Canada, Ottawa, ON - C & M Seeds - 4816 - Full Registration for Canada.
- 19 AC Mountain;SWW H649:14 - O-45-2/Houser//Anette - R.Pandeya, Agriculture & Agri-Food Can., Ottawa, ON - SeCan - 4820 - Full Registration: Nfld, PEI, NS, NB, ON.
- 20 AC Essex;SWW: H649:5 - O-45-2/Houser//Anette - R.Pandeya, Agriculture & Agri-Food Canada, Ottawa, ON - Ferguson Seeds - 4819 - Full Registration for Nfld, PEI, NS, NB, ON.
- \*21 AC Delta;HRW-a: PRC9327 - Valor/Odessa4 - R.Pandeya, Agriculture & Agri-Food Canada, Ottawa, ON 4817 - Full Registration for Nfld, PEI, NS, NB, ON.
- 22 Ashland;SRW: F94:010:S1 - Advantage Seed Growers and Processors Inc. - 4793 - Full Registration for Nfld, PEI, NS, NB, ON.
- 23 Maxim;HRW-a: CM95009-99.17pf/448.21pf-Dr.Peter Franck, Pflanzenzucht Oberlimpurg - C&M Seeds-Nov.1999-Full Registration for Nfld, PEI, NS, NB, ON, PQ.
- 24 CM951067;SRW: 89-17229//OH413/C9803 - Dr. Alan Shambaugh - C&M Seeds - Registration Pending.
- 25 Caledonia;SWW: Geneva Reselection - Cornell University - W.G.Thompson & Sons Ltd. July 26/1999 - 4960 - Full Registration for Canada
- 26 Wisdom;SRW: 139J - T812/FL302 - Private, U.S. - W.G.Thompson & Sons Ltd. July 26/1999 - 4961 - Full Registration for Canada
- \*27 TW95412;SPWW Eka Nova/Bezostaja-1//Fredrick/3/Harus/Augusta - L. Shugar, W.G.Thompson & Sons Ltd. - Contract Registration pending.
- \*28 RC98109;SRW KY86C/61/8 - Ridgetown College, Univ. of Guelph
- \*29 FWB728;HRW First Line Seeds
- 30 CM96097;HRW Pf1012/80 x Pf203/79 Dr.P.Franck, Pflanzenzucht, Oberlimpurg - C & M Seeds
- 31 Platinum;HRW CM97001 - 458/76PF x FHB1700PF - C & M Seeds - Dr.P.Franck, Pflanzenzucht, Oberlimpurg - July 2000 -I275-Interim Registration for Nfld, PEI, NS, NB, ON, PQ.
- 32 Clarity;SRW-a CM546 - Pioneer2551/MD55-286-21 - Ohio State University -C&M Seeds Sept.2000 - 5190 - Full Registraion for Nfld, PEI, NS, NB, ON, PQ.
- 33 Whitby;SWW TW96273 - Diana/3/Ruby/Frankenmuth//Houser -L. Shugar, W.G.Thompson & Sons Ltd. - Oct.13, 2000 - Full Registration for Canada.
- \*34 Walkerton;HRW TW96/155 - W.G.Thompson & Sons Ltd.

\* Entry was dropped from the 2000/2001 Performance Trial.

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

## LOCATIONS REPORTING YIELD IN EACH AREA FROM 1993 TO 2000

## AREA I:

1993: RIDGETOWN.  
1994: HARROW, RIDGETOWN, INWOOD.  
1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.  
1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD.  
1997: WOODSLEE, RIDGETOWN, INWOOD.  
1998: WOODSLEE, RIDGETOWN, INWOOD.  
1999: WOODSLEE, RIDGETOWN, INWOOD.  
2000: WOODSLEE, RIDGETOWN, INWOOD.

## AREA II:

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 .  
1997: NAIRN, ELORA, WOODSTOCK, HARRISTON.  
1998: NAIRN, ELORA, WOODSTOCK, HARRISTON.  
1999: NAIRN, WOODSTOCK, ELORA, HARRISTON, BATH.  
2000: NAIRN, WOODSTOCK, ELORA, HARRISTON, BATH.

## AREA III:

1993: KEMPTVILLE, OTTAWA-1.  
1994: KEMPTVILLE, OTTAWA-1.  
1995: KEMPTVILLE, OTTAWA-1.  
1996: OTTAWA-1.  
1997: THERE ARE NO YIELD DATA FOR AREA III IN 1997  
1998: OTTAWA-1.  
1999: OTTAWA-1.  
2000: THERE ARE NO YIELD DATA FOR AREA III IN 2000



## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX  
YEAR(S): 93-2000

KEY NAME	AREA I (24)* MEAN	AREA II (42) MEAN	PROV. (75)** MEAN
1 HARUS;SWW	97.6	99.0	98.0
2 KARENA;SWW	98.4	100.8	100.2
3 AC RON;SWW	101.3	101.6	102.1
4 OAC ARISS;SWW	99.7	99.9	99.7
5 FUNDULEA;HRW	103.1	98.7	100.0
OVERALL MEAN(T/HA)	5.35	5.39	5.35

TRAIT : YIELD INDEX  
YEAR(S): 95-2000

KEY NAME	AREA I (20)* MEAN	AREA II (30) MEAN	PROV. (55)** MEAN
1 HARUS;SWW	96.7	97.2	96.7
2 KARENA;SWW	97.9	101.0	99.6
3 AC RON;SWW	100.9	100.5	101.4
4 OAC ARISS;SWW	99.2	99.5	99.4
5 FUNDULEA;HRW	102.0	95.7	98.1
6 MARILEE;SWW	97.3	102.1	100.5
7 FREEDOM;SRW	106.0	103.9	104.4
OVERALL MEAN(T/HA)	5.43	5.68	5.52

TRAIT : YIELD INDEX  
YEAR(S): 96-2000

KEY NAME	AREA I (16)* MEAN	AREA II (22) MEAN	PROV. (41)** MEAN
1 HARUS;SWW	96.2	97.2	96.4
2 KARENA;SWW	97.3	102.3	99.9
3 AC RON;SWW	100.0	98.9	100.3
4 OAC ARISS;SWW	99.3	99.0	99.0
5 FUNDULEA;HRW	100.4	94.2	96.6
6 MARILEE;SWW	98.2	102.0	100.6
7 FREEDOM;SRW	104.8	103.3	103.4
9 AC MORLEY;HRW	97.9	103.6	100.7
10 25W33;SWW-a	106.3	103.9	105.2
11 HANOVER;HRW	93.7	92.1	93.5
12 MENDON;SRW	106.0	103.5	104.4
OVERALL MEAN(T/HA)	5.24	5.60	5.42

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

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX  
YEAR(S): 97-2000

KEY NAME	AREA I (12)* MEAN	AREA II (18) MEAN	PROV. (32)** MEAN
1 HARUS;SWW	97.6	98.2	97.5
2 KARENA;SWW	98.0	102.8	100.6
3 AC RON;SWW	99.5	100.2	100.5
4 OAC ARISS;SWW	98.4	98.9	98.6
5 FUNDULEA;HRW	99.6	94.0	96.2
6 MARILEE;SWW	96.4	101.1	99.4
7 FREEDOM;SRW	102.5	102.3	101.8
9 AC MORLEY;HRW	95.9	101.5	99.0
10 25W33;SWW-a	105.8	101.8	103.4
11 HANOVER;HRW	92.8	91.5	92.3
12 MENDON;SRW	103.0	104.1	103.8
13 PATRIOT;HRW	99.2	95.8	97.3
14 2540;SRW-a	110.8	102.2	105.8
15 SUPERIOR;SWW	100.4	105.6	103.9
OVERALL MEAN (T/HA)	5.60	5.85	5.70

TRAIT : YIELD INDEX  
YEAR(S): 98-2000

KEY NAME	AREA I (9)* MEAN	AREA II (14) MEAN	PROV. (25)** MEAN
1 HARUS;SWW	98.5	100.1	98.7
2 KARENA;SWW	97.2	103.7	100.7
3 AC RON;SWW	98.6	101.0	100.7
4 OAC ARISS;SWW	96.9	98.2	97.6
5 FUNDULEA;HRW	98.9	93.9	95.8
6 MARILEE;SWW	97.2	100.7	99.4
7 FREEDOM;SRW	102.3	102.5	101.6
8 AC CARTIER;SWW	95.5	96.8	97.1
9 AC MORLEY;HRW	95.5	102.9	99.5
10 25W33;SWW-a	105.3	103.4	104.1
11 HANOVER;HRW	93.3	91.6	92.5
12 MENDON;SRW	102.8	106.9	105.3
13 PATRIOT;HRW	100.5	97.0	98.3
14 2540;SRW-a	109.9	103.1	105.9
15 SUPERIOR;SWW	99.9	107.0	104.6
16 25R26;SRW-a	111.1	102.9	105.1
17 25W60;SWW-a	114.3	106.1	108.6
18 AC MACKINNON;SWW	99.2	100.9	100.9
19 AC MOUNTAIN;SWW	105.7	101.5	103.8
20 AC ESSEX;SWW	105.6	101.3	104.0
21 AC DELTA;HRW-a	71.8	78.5	76.8
22 ASHLAND;SRW	100.0	100.1	99.1
OVERALL MEAN (T/HA)	5.61	5.81	5.68

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX  
 YEAR(S): 99-2000

KEY NAME	AREA I (6)* MEAN	AREA II (10) MEAN	PROV. (17)** MEAN
1 HARUS;SWW	97.5	99.3	97.9
2 KARENA;SWW	95.7	102.6	99.3
3 AC RON;SWW	99.2	99.3	99.9
4 OAC ARISS;SWW	97.7	97.4	96.7
5 FUNDULEA;HRW	98.2	93.4	95.6
6 MARILEE;SWW	99.2	101.3	100.6
7 FREEDOM;SRW	102.0	102.4	101.9
8 AC CARTIER;SWW	96.1	97.4	97.3
9 AC MORLEY;HRW	97.4	103.1	100.4
10 25W33;SWW-a	105.0	104.4	104.7
11 HANOVER;HRW	92.2	91.8	92.5
12 MENDON;SRW	99.9	105.3	103.2
13 PATRIOT;HRW	97.9	94.9	96.4
14 2540;SRW-a	106.1	100.8	102.7
15 SUPERIOR;SWW	102.1	106.3	105.2
16 25R26;SRW-a	106.0	102.6	103.2
17 25W60;SWW-a	109.9	103.7	105.6
18 AC MACKINNON;SWW	95.7	96.4	96.6
19 AC MOUNTAIN;SWW	100.8	97.3	99.3
20 AC ESSEX;SWW	102.9	99.7	101.8
21 AC DELTA;HRW-a	76.4	78.9	78.6
22 ASHLAND;SRW	97.3	101.2	99.3
23 MAXIM;HRW	101.8	103.7	102.4
24 CM951067;SRW	104.2	105.0	104.2
25 CALEDONIA;SWW	104.9	101.1	103.2
26 WISDOM;SRW	108.7	104.6	106.3
27 TW95412;SPWW	105.3	106.2	105.2
OVERALL MEAN (T/HA)	6.05	5.74	5.79

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

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX  
YEAR(S): 2000

KEY NAME	AREA I (3)*	AREA II (5)	PROV. (8)**
	MEAN	MEAN	MEAN
1 HARUS;SWW	100.1	101.6	101.0
2 KARENA;SWW	96.2	105.6	102.1
3 AC RON;SWW	96.5	103.7	101.0
4 OAC ARISS;SWW	98.0	100.5	99.6
5 FUNDULEA;HRW	98.4	93.1	95.1
6 MARILEE;SWW	97.7	101.4	100.0
7 FREEDOM;SRW	102.4	105.5	104.3
8 AC CARTIER;SWW	95.2	93.7	94.3
9 AC MORLEY;HRW	102.3	105.4	104.2
10 25W33;SWW-a	104.8	106.8	106.0
11 HANOVER;HRW	89.8	90.4	90.2
12 MENDON;SRW	95.4	105.8	101.9
13 PATRIOT;HRW	101.3	92.1	95.6
14 2540;SRW-a	103.6	97.0	99.5
15 SUPERIOR;SWW	100.2	107.5	104.7
16 25R26;SRW-a	106.6	105.8	106.1
17 25W60;SWW-a	112.0	105.8	108.1
18 AC MACKINNON;SWW	94.2	95.6	95.1
19 AC MOUNTAIN;SWW	100.1	100.9	100.6
20 AC ESSEX;SWW	102.2	100.4	101.1
21 AC DELTA;HRW-a	67.9	71.8	70.3
22 ASHLAND;SRW	95.4	101.7	99.4
23 MAXIM;HRW	108.7	105.2	106.5
24 CM951067;SRW	109.2	106.5	107.6
25 CALEDONIA;SWW	106.0	102.3	103.7
26 WISDOM;SRW	113.1	107.4	109.5
27 TW95412;SPWW	107.2	110.8	109.4
28 RC98109;SRW	120.6	112.4	115.5
29 FWB728;HRW	100.0	86.0	91.2
30 CM96097;HRW	111.6	99.6	104.1
31 PLATINUM;HRW	80.1	85.1	83.2
32 CLARITY;SRW-a	107.3	99.3	102.3
33 WHITBY;SWW	97.6	105.7	102.7
34 WALKERTON;HRW	78.2	87.7	84.1
OVERALL MEAN (T/HA)	6.09	5.66	5.82

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

## DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD  
 YEAR : 1993-1997  
 AREA(S): 1- 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	RN93N	WP93N	NN93N	LN93N	EA93N	HN93N	O193N	KE93N	BH93N	HW95N
1 HARUS;SWW	100	103	99	101	100	118	88	102	109	94
2 KARENA;SWW	93	98	97	92	97	81	110	105	92	94
3 AC RON;SWW	96	95	99	105	101	86	97	103	104	106
4 OAC ARISS;SWW	98	92	96	95	102	85	112	98	93	84
5 FUNDULEA;HRW	113	112	109	107	100	129	94	92	102	118
6 MARILEE;SWW	.	.	.	.	.	.	.	.	.	87
7 FREEDOM;SRW	.	.	.	.	.	.	.	.	.	118
LOCATION MEAN	4.47	3.20	5.57	3.71	4.66	3.41	4.44	5.83	4.75	5.96

KEY NAME	WE95N	RN95N	ID95N	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N
1 HARUS;SWW	96	99	97	101	99	86	96	92	98	98
2 KARENA;SWW	104	98	97	97	86	94	101	97	102	96
3 AC RON;SWW	101	101	102	101	106	106	101	105	103	105
4 OAC ARISS;SWW	101	98	105	96	103	98	97	102	101	97
5 FUNDULEA;HRW	107	101	100	99	101	106	98	96	91	107
6 MARILEE;SWW	86	93	100	99	104	102	102	100	102	101
7 FREEDOM;SRW	107	110	99	107	100	108	105	108	104	95
LOCATION MEAN	6.76	6.64	5.61	6.45	4.32	5.10	6.30	7.08	7.42	5.60

KEY NAME	HN95N	KE95N	O195N	HW96N	WE96N	RN96N	ID96N	LN96N	CA96N	WK96N
1 HARUS;SWW	98	96	94	85	90	92	89	94	90	89
2 KARENA;SWW	98	101	100	105	84	86	93	97	102	99
3 AC RON;SWW	101	98	105	97	110	91	95	85	91	98
4 OAC ARISS;SWW	102	98	103	102	107	88	100	96	102	92
5 FUNDULEA;HRW	94	98	99	111	100	88	101	106	95	97
6 MARILEE;SWW	100	103	97	105	94	92	110	106	105	105
7 FREEDOM;SRW	106	107	102	93	105	122	114	115	101	107
9 AC MORLEY;HRW	.	.	.	90	103	98	114	111	118	113
10 25W33;SWW-a	.	.	.	107	96	127	90	105	108	112
11 HANOVER;HRW	.	.	.	93	93	100	90	77	93	97
12 MENDON;SRW	.	.	.	111	117	116	104	107	95	92
LOCATION MEAN	5.49	4.43	5.29	4.87	6.00	3.61	2.74	3.91	3.33	5.37

KEY NAME	EA96N	O196N	WE97N	RN97N	ID97N	NN97N	WK97N	EA97N	HN97N
1 HARUS;SWW	93	92	93	101	89	89	95	94	99
2 KARENA;SWW	97	92	109	102	88	104	102	100	106
3 AC RON;SWW	93	113	111	99	96	100	105	101	95
4 OAC ARISS;SWW	102	94	111	94	102	105	100	111	101
5 FUNDULEA;HRW	78	90	103	91	109	100	101	99	88
6 MARILEE;SWW	101	105	77	103	100	106	109	104	104
7 FREEDOM;SRW	102	101	99	104	105	98	101	108	113
9 AC MORLEY;HRW	102	92	98	96	97	95	99	100	106
10 25W33;SWW-a	122	115	95	113	112	101	103	93	99
11 HANOVER;HRW	107	112	82	85	105	101	88	91	96
12 MENDON;SRW	103	94	112	96	100	98	98	100	94
13 PATRIOT;HRW	.	.	83	105	95	94	90	100	93
14 2540;SRW-a	.	.	115	113	110	101	99	95	113
15 SUPERIOR;SWW	.	.	112	99	93	108	109	105	94
LOCATION MEAN	5.89	5.06	6.86	6.04	3.89	5.59	6.06	6.32	5.29

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

## DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD  
 YEAR : 1998-1999  
 AREA(S): 1- 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WE98N	RN98N	ID98N	NN98N	WK98N	EA98N	HN98N	O198N	WE99N	RN99N
1 HARUS;SWW	105	95	95	99	97	104	100	91	101	89
2 KARENA;SWW	96	97	101	103	109	105	99	103	99	92
3 AC RON;SWW	94	98	94	100	110	100	102	107	107	99
4 OAC ARISS;SWW	96	91	92	99	100	95	98	107	109	93
5 FUNDULEA;HRW	101	101	93	92	94	98	88	86	102	100
6 MARILEE;SWW	87	92	94	100	96	99	92	99	107	100
7 FREEDOM;SRW	96	103	103	99	103	102	97	88	102	104
8 AC CARTIER;SWW	94	88	94	90	101	85	95	108	99	97
9 AC MORLEY;HRW	89	85	93	95	95	107	102	96	88	98
10 25W33;SWW-a	103	109	99	104	82	99	109	101	109	103
11 HANOVER;HRW	94	95	92	91	85	88	92	89	93	97
12 MENDON;SRW	110	104	106	109	107	113	105	108	102	105
13 PATRIOT;HRW	103	104	103	99	98	101	101	93	90	93
14 2540;SRW-a	114	115	117	112	96	106	113	112	107	113
15 SUPERIOR;SWW	94	90	96	107	107	106	105	105	109	101
16 25R26;SRW-a	121	121	114	103	103	94	105	96	105	105
17 25W60;SWW-a	114	130	117	111	109	114	105	101	102	114
18 AC MACKINNON	105	98	109	105	117	100	117	111	97	95
19 AC MOUNTAIN	119	111	110	108	115	111	105	112	102	97
20 AC ESSEX;SWW	107	106	112	100	105	104	101	114	107	99
21 AC DELTA;HRW-a	59	57	67	73	71	82	77	87	85	87
22 ASHLAND;SRW	101	109	100	102	100	88	91	86	96	103
23 MAXIM;HRW	.	.	.	.	.	.	.	.	80	100
24 CM951067;SRW	.	.	.	.	.	.	.	.	96	103
25 CALEDONIA;SWW	.	.	.	.	.	.	.	.	102	104
26 WISDOM;SRW	.	.	.	.	.	.	.	.	101	106
27 TW95412;SPWW	.	.	.	.	.	.	.	.	104	102
LOCATION MEAN	4.38	5.44	4.77	6.25	5.85	6.66	5.80	5.37	6.36	6.44

KEY NAME	ID99N	NN99N	WK99N	EA99N	HN99N	BH99N	O199N
1 HARUS;SWW	96	93	93	101	103	99	87
2 KARENA;SWW	94	97	90	107	106	102	88
3 AC RON;SWW	100	95	90	105	98	91	110
4 OAC ARISS;SWW	91	96	94	88	100	97	85
5 FUNDULEA;HRW	92	98	100	88	88	98	103
6 MARILEE;SWW	96	105	95	96	107	108	102
7 FREEDOM;SRW	100	105	103	94	106	94	96
8 AC CARTIER	96	97	93	106	104	109	104
9 AC MORLEY;HRW	92	98	100	103	105	104	90
10 25W33;SWW-a	104	104	106	106	110	88	106
11 HANOVER;HRW	94	94	98	104	80	93	102
12 MENDON;SRW	107	109	99	110	101	110	102
13 PATRIOT;HRW	101	98	100	93	101	100	102
14 2540;SRW-a	106	108	112	101	113	94	102
15 SUPERIOR;SWW	103	99	112	109	109	101	113
16 25R26;SRW-a	106	102	101	98	104	97	92
17 25W60;SWW-a	107	105	107	103	97	99	99
18 AC MACKINNON	99	95	98	95	100	102	105
19 AC MOUNTAIN	106	92	92	105	81	103	111
20 AC ESSEX;SWW	105	104	99	104	92	102	117
21 AC DELTA;HRW-a	83	84	87	88	84	90	88
22 ASHLAND;SRW	99	106	107	91	94	109	92
23 MAXIM;HRW	105	105	107	98	112	94	93
24 CM951067;SRW	99	102	115	98	102	105	96
25 CALEDONIA;SWW	106	108	97	106	97	96	113
26 WISDOM;SRW	107	103	108	96	104	103	110
27 TW95412;SPWW	105	98	98	105	102	110	95
LOCATION MEAN	5.19	6.22	8.02	4.95	4.81	4.87	4.74

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

## DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD  
 YEAR : 2000  
 AREA(S): 1- 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WEON	RNOON	IDOON	NNOON	WKOON	EAOON	HNOON	BHOON	MEAN
1 HARUS;SWW	105	93	102	103	94	97	114	100	101
2 KARENA;SWW	92	98	99	104	86	106	120	112	102
3 AC RON;SWW	97	95	97	102	98	103	108	108	101
4 OAC ARISS;SWW	105	92	96	103	92	91	108	108	100
5 FUNDULEA;HRW	93	101	100	94	82	88	102	100	95
6 MARILEE;SWW	105	86	102	101	94	95	112	105	100
7 FREEDOM;SRW	104	101	102	108	96	101	118	104	104
8 AC CARTIER	95	96	95	97	93	91	86	102	94
9 AC MORLEY;HRW	101	104	101	101	100	118	108	101	104
10 25W33;SWW-a	110	99	106	113	111	103	106	101	106
11 HANOVER;HRW	97	83	89	93	88	90	90	92	90
12 MENDON;SRW	85	93	108	111	105	95	110	107	102
13 PATRIOT;HRW	100	108	96	96	105	91	81	89	96
14 2540;SRW-a	105	100	106	103	99	86	96	100	99
15 SUPERIOR;SWW	100	99	102	104	99	113	120	101	105
16 25R26;SRW-a	101	116	102	108	106	98	107	112	106
17 25W60;SWW-a	107	118	111	106	115	113	89	105	108
18 AC MACKINNON	104	88	91	95	101	99	93	90	95
19 AC MOUNTAIN	101	98	101	99	102	106	96	102	101
20 AC ESSEX;SWW	108	103	96	97	107	105	101	93	101
21 AC DELTA;HRW-a	74	52	77	70	65	69	62	93	70
22 ASHLAND;SRW	99	91	96	100	95	95	98	121	99
23 MAXIM;HRW	101	126	98	99	118	116	102	91	107
24 CM951067;SRW	110	113	106	106	115	105	97	110	108
25 CALEDONIA;SWW	99	111	109	105	110	110	93	94	104
26 WISDOM;SRW	105	129	105	104	119	115	98	102	109
27 TW95412;SPWW	105	109	107	108	113	110	118	106	109
28 RC98109;SRW	119	125	118	111	116	114	117	104	115
29 FWB728;HRW	104	96	100	97	87	82	85	78	91
30 CM96097;HRW	108	118	109	99	118	112	75	93	104
31 PLATINUM;HRW	82	74	84	83	80	80	84	99	83
32 CLARITY;SRW-a	96	121	105	97	97	99	101	102	102
33 WHITBY;SWW	95	100	99	103	109	104	108	105	103
34 WALKERTON;HRW	82	67	85	84	84	99	98	73	84
LOCATION MEAN	7.39	5.16	5.71	6.25	7.15	5.86	4.41	4.62	5.82

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 93-2000

TRAIT : YIELD(T/HA)

KEY NAME	AREA I (24)* MEAN	AREA II (42) MEAN	PROV. (75)** MEAN
1 HARUS;SWW	5.22	5.33	5.25
2 KARENA;SWW	5.26	5.44	5.37
3 AC RON;SWW	5.43	5.50	5.48
4 OAC ARISS;SWW	5.33	5.40	5.34
5 FUNDULEA;HRW	5.49	5.29	5.32
OVERALL MEAN(T/HA)	5.35	5.39	5.35

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX

KEY NAME	AREA I (24)* MEAN	AREA II (42) MEAN	PROV. (75)** MEAN
1 HARUS;SWW	97.6	99.0	98.0
2 KARENA;SWW	98.4	100.8	100.2
3 AC RON;SWW	101.3	101.6	102.1
4 OAC ARISS;SWW	99.7	99.9	99.7
5 FUNDULEA;HRW	103.1	98.7	100.0
OVERALL MEAN(T/HA)	5.35	5.39	5.35

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS



59  
ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 1993-2000  
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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	5	5.22	72.9	35	81	0.8	102	155	1.7	3.3	4.4	7.0	16	.	1.5	.	191
2 KARENA;SWW	4	5.26	73.0	35	89	1.4	106	156	1.7	3.0	3.6	5.0	15	.	1.2	.	192
3 AC RON;SWW	2	5.43	72.0	34	90	1.5	105	156	2.2	3.7	4.5	5.0	22	.	1.3	.	192
4 OAC ARISS;SWW	3	5.33	74.2	32	91	1.7	97	157	2.0	4.5	4.0	6.0	10	.	1.3	.	192
5 FUNDULEA;HRW	1	5.49	77.5	34	84	0.5	95	157	2.9	0.9	4.8	6.0	11	.	0.7	.	192
LOCATIONS		24	20	19	4	17	24	20	21	13	6	1	8	0	6	0	6

YEAR(S): 1993-2000  
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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	4	5.33	73.3	36	91	0.8	99	161	1.6	3.4	3.8	4.4	23	4.0	0.8	2.4	197
2 KARENA;SWW	2	5.44	71.9	35	93	1.5	103	162	1.6	2.8	3.4	3.0	20	5.7	1.3	3.1	198
3 AC RON;SWW	1	5.50	71.4	35	93	1.7	101	162	2.1	3.7	3.5	2.8	31	3.7	1.5	3.7	197
4 OAC ARISS;SWW	3	5.40	73.5	33	93	1.3	95	163	2.1	4.6	3.7	2.8	20	3.3	1.1	2.5	198
5 FUNDULEA;HRW	5	5.29	76.1	33	92	0.6	92	163	2.7	1.3	4.2	4.4	22	1.5	1.2	0.7	197
LOCATIONS		42	44	44	18	29	43	37	30	12	24	6	9	2	4	7	14

YEAR(S): 1993-2000  
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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	5	5.25	73.8	36	87	0.8	99	160	1.7	3.3	3.9	4.7	19	4.0	1.2	2.4	195
2 KARENA;SWW	2	5.37	73.0	35	89	1.4	103	161	1.6	2.9	3.4	3.3	18	5.7	1.2	3.1	196
3 AC RON;SWW	1	5.48	72.0	35	91	1.5	102	160	2.2	3.7	3.7	3.1	27	3.7	1.4	3.7	196
4 OAC ARISS;SWW	3	5.34	74.4	33	90	1.4	95	161	2.0	4.5	3.7	3.3	15	3.3	1.3	2.5	196
5 FUNDULEA;HRW	4	5.32	77.2	34	88	0.6	92	162	2.7	1.1	4.3	4.7	17	1.5	0.9	0.7	196
LOCATIONS		75	74	74	29	50	78	68	55	25	30	7	17	2	10	7	20

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

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 95-2000

TRAIT : YIELD(T/HA)

KEY NAME	AREA I (20)*	AREA II (30)	PROV. (55)**
	MEAN	MEAN	MEAN
1 HARUS;SWW	5.26	5.53	5.34
2 KARENA;SWW	5.32	5.73	5.50
3 AC RON;SWW	5.50	5.72	5.61
4 OAC ARISS;SWW	5.40	5.65	5.49
5 FUNDULEA;HRW	5.53	5.44	5.40
6 MARILEE;SWW	5.25	5.79	5.52
7 FREEDOM;SRW	5.72	5.91	5.75
OVERALL MEAN(T/HA)	5.43	5.68	5.52

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX

KEY NAME	AREA I (20)*	AREA II (30)	PROV. (55)**
	MEAN	MEAN	MEAN
1 HARUS;SWW	96.7	97.2	96.7
2 KARENA;SWW	97.9	101.0	99.6
3 AC RON;SWW	100.9	100.5	101.4
4 OAC ARISS;SWW	99.2	99.5	99.4
5 FUNDULEA;HRW	102.0	95.7	98.1
6 MARILEE;SWW	97.3	102.1	100.5
7 FREEDOM;SRW	106.0	103.9	104.4
OVERALL MEAN(T/HA)	5.43	5.68	5.52

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 1995-2000  
 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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	6	5.26	73.0	35	81	0.8	102	154	1.6	2.9	4.1	.	17	.	0.8	.	191
2 KARENA;SWW	5	5.32	73.2	35	89	1.3	107	155	1.7	2.9	3.6	.	18	.	0.7	.	192
3 AC RON;SWW	3	5.50	72.5	34	90	1.4	105	155	2.3	3.4	4.6	.	29	.	0.9	.	192
4 OAC ARISS;SWW	4	5.40	74.3	32	91	1.9	97	156	2.0	4.5	3.6	.	14	.	0.9	.	192
5 FUNDULEA;HRW	2	5.53	77.6	34	84	0.6	95	156	3.1	1.0	4.4	.	13	.	0.5	.	192
6 MARILEE;SWW	7	5.25	71.9	38	82	1.2	101	157	2.8	4.8	3.5	.	20	.	1.7	.	193
7 FREEDOM;SRW	1	5.72	73.5	33	84	1.6	95	154	2.4	0.7	3.7	.	13	.	0.5	.	193
LOCATIONS		20	17	16	4	14	19	15	17	9	5	0	5	0	5	0	6

YEAR(S): 1995-2000  
 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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	6	5.53	74.0	36	91	0.7	99	159	1.7	3.2	4.4	1.8	25	6.0	0.3	0.4	197
2 KARENA;SWW	3	5.73	73.1	36	93	1.5	104	160	1.5	2.8	3.9	1.6	20	8.0	0.3	2.0	198
3 AC RON;SWW	4	5.72	72.3	36	92	1.6	102	160	2.1	3.6	4.2	1.0	34	6.0	0.4	2.4	197
4 OAC ARISS;SWW	5	5.65	74.8	34	93	1.5	96	161	2.1	4.5	4.3	1.0	21	5.3	0.4	0.9	198
5 FUNDULEA;HRW	7	5.44	76.6	33	91	0.7	93	161	2.8	1.4	4.6	1.6	24	1.0	0.4	0.0	197
6 MARILEE;SWW	2	5.79	71.7	39	89	1.3	99	162	2.4	4.7	4.4	2.2	26	1.0	0.9	0.3	199
7 FREEDOM;SRW	1	5.91	73.8	33	88	1.9	94	159	1.5	1.5	3.9	1.6	25	4.3	0.5	0.2	198
LOCATIONS		30	31	31	12	20	30	28	25	10	16	2	8	1	2	3	14

YEAR(S): 1995-2000  
 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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	7	5.34	74.0	36	87	0.7	99	157	1.7	3.1	4.3	1.8	22	6.0	0.7	0.4	195
2 KARENA;SWW	4	5.50	73.5	36	88	1.4	103	158	1.6	2.8	3.8	1.6	20	8.0	0.6	2.0	196
3 AC RON;SWW	2	5.61	72.4	35	91	1.5	102	158	2.1	3.5	4.3	1.0	32	6.0	0.7	2.4	196
4 OAC ARISS;SWW	5	5.49	74.9	33	91	1.6	95	159	2.0	4.5	4.1	1.0	19	5.3	0.7	0.9	196
5 FUNDULEA;HRW	6	5.40	77.3	34	87	0.7	92	159	2.9	1.2	4.6	1.6	20	1.0	0.5	0.0	196
6 MARILEE;SWW	3	5.52	72.1	39	86	1.3	98	160	2.5	4.8	4.2	2.2	24	1.0	1.5	0.3	197
7 FREEDOM;SRW	1	5.75	73.9	34	86	1.8	93	157	1.8	1.1	3.9	1.6	20	4.3	0.5	0.2	196
LOCATIONS		55	54	54	20	36	56	50	45	19	21	2	13	1	7	3	20

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

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 96-2000

TRAIT : YIELD (T/HA)

KEY NAME	AREA I (16)* MEAN	AREA II (22) MEAN	PROV. (41)** MEAN
1 HARUS;SWW	5.07	5.45	5.24
2 KARENA;SWW	5.12	5.71	5.41
3 AC RON;SWW	5.28	5.56	5.45
4 OAC ARISS;SWW	5.24	5.55	5.38
5 FUNDULEA;HRW	5.26	5.28	5.23
6 MARILEE;SWW	5.14	5.70	5.44
7 FREEDOM;SRW	5.46	5.79	5.59
9 AC MORLEY;HRW	5.11	5.78	5.44
10 25W33;SWW-a	5.57	5.83	5.70
11 HANOVER;HRW	4.89	5.18	5.06
12 MENDON;SRW	5.53	5.82	5.65
OVERALL MEAN(T/HA)	5.24	5.60	5.42

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (16)* MEAN	AREA II (22) MEAN	PROV. (41)** MEAN
1 HARUS;SWW	96.2	97.2	96.4
2 KARENA;SWW	97.3	102.3	99.9
3 AC RON;SWW	100.0	98.9	100.3
4 OAC ARISS;SWW	99.3	99.0	99.0
5 FUNDULEA;HRW	100.4	94.2	96.6
6 MARILEE;SWW	98.2	102.0	100.6
7 FREEDOM;SRW	104.8	103.3	103.4
9 AC MORLEY;HRW	97.9	103.6	100.7
10 25W33;SWW-a	106.3	103.9	105.2
11 HANOVER;HRW	93.7	92.1	93.5
12 MENDON;SRW	106.0	103.5	104.4
OVERALL MEAN(T/HA)	5.24	5.60	5.42

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 1996-2000

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	10	5.07	73.1	35	81	0.9	99	154	1.6	2.3	4.1	.	17	.	1.4	.	191
2 KARENA;SWW	8	5.12	73.4	35	89	1.2	103	155	1.6	2.4	3.6	.	18	.	0.9	.	191
3 AC RON;SWW	4	5.28	72.6	34	90	1.4	101	155	2.1	2.9	4.6	.	29	.	1.5	.	191
4 OAC ARISS;SWW	6	5.24	74.7	31	91	1.7	94	156	1.9	3.8	3.6	.	14	.	0.8	.	191
5 FUNDULEA;HRW	5	5.26	77.7	34	84	0.8	92	156	3.0	1.4	4.4	.	13	.	0.9	.	192
6 MARILEE;SWW	7	5.14	72.2	38	82	1.3	97	157	2.6	3.9	3.5	.	20	.	2.2	.	193
7 FREEDOM;SRW	3	5.46	73.5	33	84	1.6	91	154	2.5	0.7	3.7	.	13	.	0.6	.	193
9 AC MORLEY;HRW	9	5.11	77.2	35	89	2.5	109	154	1.5	0.6	4.2	.	10	.	1.0	.	192
10 25W33;SWW-a	1	5.57	72.7	30	78	0.8	83	154	1.2	1.1	4.0	.	16	.	1.2	.	191
11 HANOVER;HRW	11	4.89	73.1	37	91	0.4	93	155	3.0	1.2	4.8	.	29	.	1.2	.	192
12 MENDON;SRW	2	5.53	72.9	38	93	3.3	101	152	2.3	2.4	4.2	.	16	.	0.9	.	189
LOCATIONS		16	15	14	4	10	15	12	14	6	5	0	5	0	3	0	5

YEAR(S): 1996-2000

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	9	5.45	74.4	36	90	0.3	97	159	1.9	3.3	4.5	2.0	25	.	0.3	0.5	197
2 KARENA;SWW	5	5.71	73.4	36	92	1.3	101	160	1.8	2.8	3.9	2.5	20	.	0.3	2.0	199
3 AC RON;SWW	7	5.56	72.5	35	91	1.1	100	160	2.3	3.7	4.2	1.5	34	.	0.4	2.0	198
4 OAC ARISS;SWW	8	5.55	75.0	34	93	0.9	93	161	2.2	4.5	4.4	1.5	21	.	0.4	1.0	198
5 FUNDULEA;HRW	10	5.28	76.4	33	89	0.3	89	161	3.0	1.6	5.0	2.0	24	.	0.4	0.0	198
6 MARILEE;SWW	6	5.70	71.8	39	87	0.5	96	161	2.6	4.9	4.5	3.0	26	.	0.9	0.5	200
7 FREEDOM;SRW	3	5.79	74.1	33	86	1.3	91	159	1.7	1.6	4.2	1.5	25	.	0.5	0.2	198
9 AC MORLEY;HRW	4	5.78	77.6	36	89	1.9	105	159	1.2	0.9	3.7	1.5	18	.	0.9	0.2	198
10 25W33;SWW-a	1	5.83	72.5	31	86	0.2	80	159	0.9	1.3	3.6	1.0	25	.	0.3	1.8	198
11 HANOVER;HRW	11	5.18	71.8	38	90	0.2	92	161	2.9	2.4	4.4	2.5	38	.	0.2	1.2	199
12 MENDON;SRW	2	5.82	73.0	39	95	2.6	97	157	1.5	3.0	4.6	2.0	31	.	0.4	1.5	197
LOCATIONS		22	22	22	9	13	22	21	19	9	12	1	8	0	2	2	10

YEAR(S): 1996-2000

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	9	5.24	74.3	36	86	0.6	96	157	1.7	2.9	4.4	2.0	22	.	1.0	0.5	195
2 KARENA;SWW	7	5.41	73.8	36	89	1.3	101	158	1.6	2.6	3.8	2.5	20	.	0.7	2.0	196
3 AC RON;SWW	4	5.45	72.5	35	90	1.2	99	158	2.2	3.4	4.3	1.5	32	.	1.0	2.0	196
4 OAC ARISS;SWW	8	5.38	75.3	33	90	1.2	92	159	2.0	4.2	4.2	1.5	19	.	0.6	1.0	196
5 FUNDULEA;HRW	10	5.23	77.4	34	85	0.5	89	159	3.0	1.5	4.8	2.0	20	.	0.7	0.0	196
6 MARILEE;SWW	5	5.44	72.4	39	84	0.8	86	159	2.5	4.5	4.2	3.0	24	.	1.7	0.5	198
7 FREEDOM;SRW	3	5.59	74.3	33	84	1.4	90	157	1.9	1.2	4.0	1.5	20	.	0.5	0.2	196
9 AC MORLEY;HRW	5	5.44	77.8	36	88	2.1	105	157	1.2	0.8	3.8	1.5	15	.	1.0	0.2	196
10 25W33;SWW-a	1	5.70	73.1	31	82	0.5	80	157	1.0	1.2	3.8	1.0	22	.	0.9	1.8	196
11 HANOVER;HRW	11	5.06	72.9	38	90	0.3	91	159	2.8	1.9	4.5	2.5	35	.	0.8	1.2	197
12 MENDON;SRW	2	5.65	73.4	39	91	2.9	97	155	1.7	2.8	4.5	2.0	25	.	0.7	1.5	194
LOCATIONS		41	41	40	15	24	41	37	36	15	17	1	13	0	5	2	15

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 97-2000

TRAIT : YIELD(T/HA)

KEY NAME	AREA I (12)* MEAN	AREA II (18) MEAN	PROV. (32)** MEAN
1 HARUS;SWW	5.48	5.73	5.56
2 KARENA;SWW	5.50	5.97	5.73
3 AC RON;SWW	5.60	5.84	5.73
4 OAC ARISS;SWW	5.54	5.77	5.63
5 FUNDULEA;HRW	5.56	5.50	5.48
6 MARILEE;SWW	5.42	5.89	5.66
7 FREEDOM;SRW	5.74	5.98	5.81
9 AC MORLEY;HRW	5.38	5.93	5.65
10 25W33;SWW-a	5.92	5.97	5.90
11 HANOVER;HRW	5.18	5.36	5.25
12 MENDON;SRW	5.75	6.09	5.91
13 PATRIOT;HRW	5.52	5.64	5.55
14 2540;SRW-a	6.20	6.00	6.04
15 SUPERIOR;SWW	5.66	6.18	5.94
OVERALL MEAN(T/HA)	5.60	5.85	5.70

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX

KEY NAME	AREA I (12)* MEAN	AREA II (18) MEAN	PROV. (32)** MEAN
1 HARUS;SWW	97.6	98.2	97.5
2 KARENA;SWW	98.0	102.8	100.6
3 AC RON;SWW	99.5	100.2	100.5
4 OAC ARISS;SWW	98.4	98.9	98.6
5 FUNDULEA;HRW	99.6	94.0	96.2
6 MARILEE;SWW	96.4	101.1	99.4
7 FREEDOM;SRW	102.5	102.3	101.8
9 AC MORLEY;HRW	95.9	101.5	99.0
10 25W33;SWW-a	105.8	101.8	103.4
11 HANOVER;HRW	92.8	91.5	92.3
12 MENDON;SRW	103.0	104.1	103.8
13 PATRIOT;HRW	99.2	95.8	97.3
14 2540;SRW-a	110.8	102.2	105.8
15 SUPERIOR;SWW	100.4	105.6	103.9
OVERALL MEAN(T/HA)	5.60	5.85	5.70

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S) : 1997-2000  
 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	*
1 HARUS;SWW	11	5.48	73.7	34	84	1.0	101	151	1.9	2.6	3.5	.	04	.	1.1	.	189
2 KARENA;SWW	10	5.50	74.5	36	100	1.2	106	151	1.8	2.6	3.8	.	04	.	0.7	.	190
3 AC RON;SWW	6	5.60	73.8	35	100	1.5	103	151	2.6	3.1	4.0	.	07	.	1.1	.	189
4 OAC ARISS;SWW	8	5.54	75.2	31	100	1.7	95	153	2.3	4.2	3.7	.	03	.	0.8	.	190
5 FUNDULEA;HRW	7	5.56	78.8	35	99	0.5	94	152	3.7	1.7	3.6	.	02	.	0.9	.	190
6 MARILEE;SWW	12	5.42	73.0	38	100	1.4	99	153	3.1	4.5	3.6	.	07	.	1.9	.	191
7 FREEDOM;SRW	4	5.74	74.4	33	93	1.6	93	150	3.0	0.9	2.8	.	02	.	0.9	.	191
9 AC MORLEY;HRW	13	5.38	77.9	35	99	2.8	109	151	1.7	0.8	4.0	.	04	.	1.4	.	190
10 25W33;SWW-a	2	5.92	73.7	31	96	0.6	85	149	1.4	1.1	3.6	.	09	.	1.4	.	189
11 HANOVER;HRW	14	5.18	74.6	38	98	0.1	93	152	3.6	1.5	4.2	.	09	.	0.8	.	191
12 MENDON;SRW	3	5.75	73.6	39	100	3.6	102	148	2.8	2.4	3.4	.	06	.	1.2	.	187
13 PATRIOT;HRW	9	5.52	78.0	38	96	0.5	91	149	2.4	0.8	3.4	.	07	.	0.9	.	190
14 2540;SRW-a	1	6.20	75.7	35	96	1.3	87	150	2.5	2.1	3.8	.	08	.	0.3	.	190
15 SUPERIOR;SWW	5	5.66	74.2	36	100	1.8	98	152	2.2	2.4	3.4	.	12	.	1.5	.	191
LOCATIONS		12	11	10	1	8	11	8	11	5	3	0	3	0	2	0	4

YEAR(S) : 1997-2000  
 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	*
1 HARUS;SWW	11	5.73	74.8	36	95	0.3	95	157	2.4	3.3	4.3	2.0	16	.	0.3	0.5	193
2 KARENA;SWW	5	5.97	73.9	36	97	1.4	101	158	2.2	2.6	3.7	2.5	17	.	0.3	2.0	195
3 AC RON;SWW	9	5.84	73.3	36	94	1.1	99	158	2.8	3.6	4.1	1.5	21	.	0.4	2.0	194
4 OAC ARISS;SWW	10	5.77	75.4	34	99	0.7	92	159	2.7	4.8	4.3	1.5	14	.	0.4	1.0	194
5 FUNDULEA;HRW	13	5.50	77.2	34	96	0.1	88	159	3.7	2.0	4.9	2.0	18	.	0.4	0.0	194
6 MARILEE;SWW	8	5.89	72.4	40	96	0.5	95	159	3.1	5.2	4.5	3.0	22	.	0.9	0.5	196
7 FREEDOM;SRW	4	5.98	74.3	33	93	1.2	90	157	2.1	2.0	4.1	1.5	24	.	0.5	0.2	194
9 AC MORLEY;HRW	7	5.93	77.8	36	95	2.0	103	158	1.5	1.2	3.6	1.5	15	.	0.9	0.2	194
10 25W33;SWW-a	5	5.97	72.8	32	94	0.2	79	157	1.1	1.2	3.8	1.0	18	.	0.3	1.8	194
11 HANOVER;HRW	14	5.36	72.7	39	93	0.1	91	159	3.3	3.0	4.4	2.5	25	.	0.2	1.2	195
12 MENDON;SRW	2	6.09	73.4	39	98	2.6	96	155	1.9	3.4	4.6	2.0	24	.	0.4	1.5	192
13 PATRIOT;HRW	12	5.64	78.0	39	97	0.3	88	156	2.0	2.1	4.7	2.5	25	.	0.5	1.0	194
14 2540;SRW-a	3	6.00	75.0	36	94	0.2	82	156	1.6	2.9	4.2	1.5	21	.	0.1	0.5	193
15 SUPERIOR;SWW	1	6.18	74.7	38	97	0.7	95	159	2.1	3.8	3.7	2.0	15	.	0.5	1.5	195
LOCATIONS		18	18	18	5	10	18	17	15	7	10	1	4	0	2	2	6

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

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 1997-2000

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	*
1 HARUS;SWW	11	5.56	74.7	36	93	0.6	96	155	2.2	3.0	4.1	2.0	11	.	0.8	0.5	191
2 KARENA;SWW	6	5.73	74.5	36	95	1.3	101	156	2.0	2.6	3.7	2.5	11	.	0.5	2.0	193
3 AC RON;SWW	6	5.73	73.3	35	95	1.3	99	155	2.7	3.4	4.1	1.5	15	.	0.7	2.0	192
4 OAC ARISS;SWW	10	5.63	75.7	33	98	1.1	92	156	2.4	4.5	4.2	1.5	09	.	0.6	1.0	192
5 FUNDULEA;HRW	13	5.48	78.2	34	95	0.3	89	157	3.7	1.8	4.6	2.0	11	.	0.7	0.0	192
6 MARILEE;SWW	8	5.66	73.1	39	95	0.9	95	157	3.0	4.9	4.3	3.0	15	.	1.4	0.5	194
7 FREEDOM;SRW	5	5.81	74.7	33	92	1.4	89	155	2.4	1.5	3.8	1.5	15	.	0.7	0.2	193
9 AC MORLEY;HRW	9	5.65	78.2	36	94	2.3	104	155	1.5	1.0	3.7	1.5	10	.	1.1	0.2	192
10 25W33;SWW-a	4	5.90	73.6	31	92	0.4	80	154	1.2	1.2	3.7	1.0	14	.	0.9	1.8	192
11 HANOVER;HRW	14	5.25	73.9	39	93	0.1	90	156	3.3	2.4	4.4	2.5	18	.	0.5	1.2	193
12 MENDON;SRW	3	5.91	73.8	39	97	3.0	97	153	2.2	2.9	4.3	2.0	16	.	0.8	1.5	190
13 PATRIOT;HRW	12	5.55	78.4	39	94	0.4	88	154	2.1	1.6	4.4	2.5	17	.	0.7	1.0	192
14 2540;SRW-a	1	6.04	75.7	36	91	0.7	83	154	1.8	2.5	4.1	1.5	15	.	0.2	0.5	192
15 SUPERIOR;SWW	2	5.94	74.8	37	97	1.2	95	156	2.1	3.2	3.7	2.0	14	.	1.0	1.5	194
LOCATIONS		32	32	31	7	19	32	28	28	12	13	1	7	0	4	2	10

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS



## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 98-2000

TRAIT : YIELD(T/HA)

KEY NAME	AREA I (9)* MEAN	AREA II (14) MEAN	PROV. (25)** MEAN
1 HARUS;SWW	5.54	5.79	5.60
2 KARENA;SWW	5.44	5.97	5.69
3 AC RON;SWW	5.55	5.85	5.71
4 OAC ARISS;SWW	5.47	5.69	5.55
5 FUNDULEA;HRW	5.55	5.46	5.43
6 MARILEE;SWW	5.51	5.82	5.65
7 FREEDOM;SRW	5.75	5.95	5.78
8 AC CARTIER;SWW	5.36	5.60	5.50
9 AC MORLEY;HRW	5.37	5.97	5.65
10 25W33;SWW-a	5.93	6.03	5.93
11 HANOVER;HRW	5.26	5.33	5.26
12 MENDON;SRW	5.73	6.21	5.96
13 PATRIOT;HRW	5.61	5.67	5.59
14 2540;SRW-a	6.15	6.03	6.02
15 SUPERIOR;SWW	5.63	6.21	5.95
16 25R26;SRW-a	6.18	5.98	5.95
17 25W60;SWW-a	6.38	6.22	6.18
18 AC MACKINNON;SWW	5.56	5.88	5.73
19 AC MOUNTAIN;SWW	5.89	5.91	5.88
20 AC ESSEX;SWW	5.92	5.90	5.90
21 AC DELTA;HRW-a	4.09	4.55	4.38
22 ASHLAND;SRW	5.61	5.81	5.63
OVERALL MEAN(T/HA)	5.61	5.81	5.68

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX

KEY NAME	AREA I (9)* MEAN	AREA II (14) MEAN	PROV. (25)** MEAN
1 HARUS;SWW	98.5	100.1	98.7
2 KARENA;SWW	97.2	103.7	100.7
3 AC RON;SWW	98.6	101.0	100.7
4 OAC ARISS;SWW	96.9	98.2	97.6
5 FUNDULEA;HRW	98.9	93.9	95.8
6 MARILEE;SWW	97.2	100.7	99.4
7 FREEDOM;SRW	102.3	102.5	101.6
8 AC CARTIER;SWW	95.5	96.8	97.1
9 AC MORLEY;HRW	95.5	102.9	99.5
10 25W33;SWW-a	105.3	103.4	104.1
11 HANOVER;HRW	93.3	91.6	92.5
12 MENDON;SRW	102.8	106.9	105.3
13 PATRIOT;HRW	100.5	97.0	98.3
14 2540;SRW-a	109.9	103.1	105.9
15 SUPERIOR;SWW	99.9	107.0	104.6
16 25R26;SRW-a	111.1	102.9	105.1
17 25W60;SWW-a	114.3	106.1	108.6
18 AC MACKINNON;SWW	99.2	100.9	100.9
19 AC MOUNTAIN;SWW	105.7	101.5	103.8
20 AC ESSEX;SWW	105.6	101.3	104.0
21 AC DELTA;HRW-a	71.8	78.5	76.8
22 ASHLAND;SRW	100.0	100.1	99.1
OVERALL MEAN(T/HA)	5.61	5.81	5.68

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 1998-2000  
 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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	15	5.54	74.7	33	.	0.9	98	147	2.1	2.6	4.5	.	00	.	1.1	.	185
2 KARENA;SWW	18	5.44	74.6	35	.	1.1	103	148	2.0	2.6	4.0	.	02	.	0.7	.	186
3 AC RON;SWW	13	5.55	73.8	34	.	0.9	100	148	2.6	3.1	4.0	.	02	.	1.1	.	186
4 OAC ARISS;SWW	17	5.47	75.3	30	.	1.2	92	149	2.4	4.2	4.5	.	00	.	0.8	.	186
5 FUNDULEA;HRW	13	5.55	79.1	35	.	0.6	91	148	3.8	1.7	3.0	.	00	.	0.9	.	186
6 MARILEE;SWW	16	5.51	73.1	38	.	1.1	97	150	3.2	4.5	6.0	.	05	.	1.9	.	188
7 FREEDOM;SRW	7	5.75	74.7	33	.	1.1	91	146	3.1	0.9	2.5	.	00	.	0.9	.	186
8 AC CARTIER;SWW	20	5.36	75.8	37	.	0.9	100	149	2.0	1.8	5.0	.	00	.	1.5	.	186
9 AC MORLEY;HRW	19	5.37	78.1	34	.	2.3	106	148	1.7	0.8	3.5	.	05	.	1.4	.	186
10 25W33;SWW-a	4	5.93	73.9	30	.	0.6	83	145	1.5	1.1	3.5	.	02	.	1.4	.	185
11 HANOVER;HRW	21	5.26	75.3	38	.	0.1	91	148	3.9	1.5	4.0	.	02	.	0.8	.	187
12 MENDON;SRW	8	5.73	73.9	38	.	2.9	100	144	3.1	2.4	2.0	.	02	.	1.2	.	183
13 PATRIOT;HRW	10	5.61	78.6	38	.	0.6	89	145	2.4	0.8	3.0	.	00	.	0.9	.	186
14 2540;SRW-a	3	6.15	75.8	34	.	0.9	86	145	2.8	2.1	3.5	.	02	.	0.3	.	185
15 SUPERIOR;SWW	9	5.63	74.7	34	.	1.3	96	149	2.3	2.4	3.5	.	12	.	1.5	.	188
16 25R26;SRW-a	2	6.18	74.9	34	.	0.2	80	146	2.6	1.4	4.0	.	00	.	0.8	.	185
17 25W60;SWW-a	1	6.38	75.9	34	.	0.8	91	143	2.0	1.5	2.0	.	00	.	0.8	.	184
18 AC MACKINNON;SWW	12	5.56	73.1	33	.	0.6	96	146	2.5	5.3	2.5	.	00	.	1.0	.	184
19 AC MOUNTAIN;SWW	6	5.89	73.7	35	.	1.5	100	147	3.5	4.5	4.0	.	02	.	0.9	.	185
20 AC ESSEX;SWW	5	5.92	74.4	36	.	1.1	98	147	3.2	3.7	3.0	.	00	.	0.9	.	185
21 AC DELTA;HRW-a	22	4.09	76.0	35	.	1.3	106	153	2.9	2.4	4.5	.	28	.	3.1	.	191
22 ASHLAND;SRW	10	5.61	73.7	31	.	1.0	90	148	4.6	1.3	4.0	.	00	.	1.3	.	187
LOCATIONS		9	9	8	0	7	9	6	9	5	1	0	2	0	2	0	3

YEAR(S): 1998-2000  
 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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	16	5.79	74.3	36	98	0.3	97	153	2.7	3.5	4.7	.	16	.	0.3	1.0	187
2 KARENA;SWW	7	5.97	73.6	36	98	1.4	102	154	2.4	3.1	3.8	.	17	.	0.3	3.0	189
3 AC RON;SWW	13	5.85	72.7	35	97	1.1	101	154	3.1	4.2	4.3	.	21	.	0.4	2.0	188
4 OAC ARISS;SWW	17	5.69	74.9	34	99	0.7	92	155	3.0	5.0	4.4	.	14	.	0.4	2.0	189
5 FUNDULEA;HRW	20	5.46	77.1	34	96	0.1	90	155	4.3	2.3	5.2	.	18	.	0.4	0.0	188
6 MARILEE;SWW	14	5.82	72.1	39	97	0.5	97	155	3.4	5.3	4.7	.	22	.	0.9	1.0	191
7 FREEDOM;SRW	9	5.95	74.0	32	95	1.4	91	152	2.5	2.2	4.4	.	24	.	0.5	0.5	188
8 AC CARTIER;SWW	19	5.60	75.1	39	97	0.5	101	155	2.5	2.1	4.5	.	19	.	0.1	1.5	190
9 AC MORLEY;HRW	7	5.97	77.6	36	99	2.1	104	153	1.7	1.4	3.5	.	15	.	0.9	0.5	188
10 25W33;SWW-a	4	6.03	72.4	31	96	0.2	81	152	1.4	1.2	3.7	.	18	.	0.3	0.5	187
11 HANOVER;HRW	21	5.33	72.5	38	99	0.1	92	154	3.5	3.4	4.8	.	25	.	0.2	2.5	189
12 MENDON;SRW	2	6.21	73.0	38	100	2.8	97	151	2.1	3.2	4.8	.	24	.	0.4	0.5	186
13 PATRIOT;HRW	18	5.67	77.9	39	97	0.3	89	152	2.5	1.9	4.7	.	25	.	0.5	1.0	187
14 2540;SRW-a	4	6.03	74.5	36	96	0.3	84	151	1.9	3.2	4.5	.	21	.	0.1	1.0	187
15 SUPERIOR;SWW	2	6.21	74.3	37	99	0.8	96	154	2.4	3.9	3.9	.	15	.	0.5	3.0	190
16 25R26;SRW-a	6	5.98	73.7	33	98	0.2	78	152	2.5	1.4	4.0	.	16	.	0.2	0.5	187
17 25W60;SWW-a	1	6.22	74.9	35	99	0.6	88	150	1.8	2.0	4.3	.	20	.	0.1	0.0	185
18 AC MACKINNON;SWW	12	5.88	72.4	34	99	0.5	96	152	1.9	6.8	4.7	.	22	.	0.4	1.5	188
19 AC MOUNTAIN;SWW	10	5.91	73.1	36	98	1.1	99	152	3.1	5.2	4.8	.	22	.	0.4	2.5	187
20 AC ESSEX;SWW	11	5.90	73.4	36	99	1.1	97	152	3.0	4.1	4.7	.	25	.	0.6	1.5	187
21 AC DELTA;HRW-a	22	4.55	74.3	37	100	1.0	107	159	3.1	3.5	4.0	.	17	.	0.6	1.0	192
22 ASHLAND;SRW	15	5.81	73.6	33	98	0.7	89	150	4.2	2.0	5.0	.	21	.	0.7	0.0	188
LOCATIONS		14	14	14	2	9	14	13	12	6	6	0	4	0	2	1	4

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 1998-2000  
 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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
1 HARUS;SWW	16	5.60	74.7	35	98	0.6	96	151	2.4	3.1	4.7	.	11	.	0.8	1.0	186
2 KARENA;SWW	12	5.69	74.3	36	98	1.3	101	151	2.2	2.8	3.8	.	12	.	0.5	3.0	187
3 AC RON;SWW	11	5.71	72.8	35	97	1.0	99	151	2.9	3.7	4.2	.	15	.	0.7	2.0	187
4 OAC ARISS;SWW	18	5.55	75.4	32	99	0.9	91	152	2.7	4.6	4.4	.	09	.	0.6	2.0	187
5 FUNDULEA;HRW	20	5.43	78.1	35	96	0.4	90	152	4.0	2.0	4.9	.	12	.	0.7	0.0	187
6 MARILEE;SWW	13	5.65	72.9	38	97	0.8	96	153	3.3	4.9	4.9	.	16	.	1.4	1.0	189
7 FREEDOM;SRW	9	5.78	74.5	33	95	1.2	90	150	2.7	1.6	4.1	.	16	.	0.7	0.5	187
8 AC CARTIER;SWW	19	5.50	75.6	38	97	0.7	100	152	2.2	2.0	4.6	.	13	.	0.8	1.5	188
9 AC MORLEY;HRW	13	5.65	78.0	35	99	2.1	104	151	1.7	1.1	3.5	.	11	.	1.1	0.5	187
10 25W33;SWW-a	6	5.93	73.4	31	96	0.4	81	149	1.4	1.1	3.7	.	13	.	0.9	0.5	186
11 HANOVER;HRW	21	5.26	74.0	38	99	0.2	90	152	3.6	2.5	4.7	.	17	.	0.5	2.5	188
12 MENDON;SRW	3	5.96	73.7	38	100	2.8	97	148	2.4	2.8	4.4	.	17	.	0.8	0.5	184
13 PATRIOT;HRW	17	5.59	78.5	38	97	0.5	88	149	2.3	1.4	4.4	.	16	.	0.7	1.0	186
14 2540;SRW-a	2	6.02	75.3	35	96	0.6	84	149	2.2	2.7	4.4	.	15	.	0.2	1.0	186
15 SUPERIOR;SWW	4	5.95	74.7	36	99	1.0	95	152	2.3	3.2	3.9	.	14	.	1.0	3.0	189
16 25R26;SRW-a	4	5.95	74.5	34	98	0.3	78	150	2.5	1.4	4.0	.	11	.	0.5	0.5	186
17 25W60;SWW-a	1	6.18	75.6	35	99	0.7	88	148	1.8	1.8	3.9	.	13	.	0.4	0.0	185
18 AC MACKINNON;SWW	10	5.73	73.1	34	99	0.5	95	150	2.1	6.1	4.4	.	14	.	0.8	1.5	186
19 AC MOUNTAIN;SWW	8	5.88	73.8	36	98	1.3	98	150	3.2	4.9	4.7	.	15	.	0.7	2.5	186
20 AC ESSEX;SWW	7	5.90	74.1	36	99	1.1	97	150	3.0	3.9	4.5	.	16	.	0.7	1.5	186
21 AC DELTA;HRW-a	22	4.38	75.4	36	100	1.2	106	157	3.0	3.0	4.1	.	20	.	1.9	1.0	192
22 ASHLAND;SRW	15	5.63	74.0	33	98	0.9	88	149	4.4	1.6	4.8	.	14	.	1.0	0.0	187
LOCATIONS		25	25	24	2	17	25	21	22	11	7	0	6	0	4	1	7

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

70  
ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 99-2000

TRAIT : YIELD(T/HA)

KEY NAME	AREA I (6)* MEAN	AREA II (10) MEAN	PROV. (17)** MEAN
1 HARUS;SWW	5.92	5.66	5.66
2 KARENA;SWW	5.77	5.80	5.70
3 AC RON;SWW	6.00	5.66	5.76
4 OAC ARISS;SWW	5.95	5.56	5.61
5 FUNDULEA;HRW	5.93	5.35	5.53
6 MARILEE;SWW	6.04	5.77	5.81
7 FREEDOM;SRW	6.18	5.87	5.90
8 AC CARTIER;SWW	5.81	5.56	5.61
9 AC MORLEY;HRW	5.89	5.90	5.80
10 25W33;SWW-a	6.37	6.02	6.08
11 HANOVER;HRW	5.60	5.28	5.37
12 MENDON;SRW	6.01	6.02	5.95
13 PATRIOT;HRW	5.90	5.49	5.60
14 2540;SRW-a	6.43	5.82	5.97
15 SUPERIOR;SWW	6.18	6.09	6.08
16 25R26;SRW-a	6.39	5.89	5.97
17 25W60;SWW-a	6.63	6.01	6.15
18 AC MACKINNON;SWW	5.82	5.55	5.61
19 AC MOUNTAIN;SWW	6.10	5.58	5.74
20 AC ESSEX;SWW	6.24	5.74	5.91
21 AC DELTA;HRW-a	4.65	4.51	4.54
22 ASHLAND;SRW	5.90	5.80	5.75
23 MAXIM;HRW	6.11	6.00	5.95
24 CM951067;SRW	6.30	6.08	6.07
25 CALEDONIA;SWW	6.32	5.84	5.98
26 WISDOM;SRW	6.54	6.05	6.17
27 TW95412;SPWW	6.36	6.07	6.08
OVERALL MEAN(T/HA)	6.05	5.74	5.79

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX

KEY NAME	AREA I (6)* MEAN	AREA II (10) MEAN	PROV. (17)** MEAN
1 HARUS;SWW	97.5	99.3	97.9
2 KARENA;SWW	95.7	102.6	99.3
3 AC RON;SWW	99.2	99.3	99.9
4 OAC ARISS;SWW	97.7	97.4	96.7
5 FUNDULEA;HRW	98.2	93.4	95.6
6 MARILEE;SWW	99.2	101.3	100.6
7 FREEDOM;SRW	102.0	102.4	101.9
8 AC CARTIER;SWW	96.1	97.4	97.3
9 AC MORLEY;HRW	97.4	103.1	100.4
10 25W33;SWW-a	105.0	104.4	104.7
11 HANOVER;HRW	92.2	91.8	92.5
12 MENDON;SRW	99.9	105.3	103.2
13 PATRIOT;HRW	97.9	94.9	96.4
14 2540;SRW-a	106.1	100.8	102.7
15 SUPERIOR;SWW	102.1	106.3	105.2
16 25R26;SRW-a	106.0	102.6	103.2
17 25W60;SWW-a	109.9	103.7	105.6
18 AC MACKINNON;SWW	95.7	96.4	96.6
19 AC MOUNTAIN;SWW	100.8	97.3	99.3
20 AC ESSEX;SWW	102.9	99.7	101.8
21 AC DELTA;HRW-a	76.4	78.9	78.6
22 ASHLAND;SRW	97.3	101.2	99.3
23 MAXIM;HRW	101.8	103.7	102.4
24 CM951067;SRW	104.2	105.0	104.2
25 CALEDONIA;SWW	104.9	101.1	103.2
26 WISDOM;SRW	108.7	104.6	106.3
27 TW95412;SPWW	105.3	106.2	105.2
OVERALL MEAN(T/HA)	6.05	5.74	5.79

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

71  
ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S) : 1999-2000  
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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
	RK	T/HA																
1 HARUS;SWW	19	5.92	74.8	33	.	1.2	101	149	2.3	3.2	4.5	.	00	.	.	.	187	
2 KARENA;SWW	25	5.77	74.7	35	.	1.5	107	149	2.4	3.3	4.0	.	02	.	.	.	188	
3 AC RON;SWW	16	6.00	74.0	35	.	1.2	104	149	3.3	4.0	4.0	.	02	.	.	.	188	
4 OAC ARISS;SWW	17	5.95	75.2	31	.	1.7	96	151	2.8	5.0	4.5	.	00	.	.	.	189	
5 FUNDULEA;HRW	18	5.93	78.9	35	.	0.9	93	150	3.8	2.0	3.0	.	00	.	.	.	189	
6 MARILEE;SWW	14	6.04	73.0	38	.	1.5	101	151	3.3	5.7	6.0	.	05	.	.	.	190	
7 FREEDOM;SRW	10	6.18	74.7	33	.	1.4	94	148	3.4	1.0	2.5	.	00	.	.	.	189	
8 AC CARTIER;SWW	24	5.81	76.5	37	.	1.3	104	150	2.0	2.0	5.0	.	00	.	.	.	189	
9 AC MORLEY;HRW	22	5.89	78.1	35	.	3.0	108	149	2.2	1.0	3.5	.	05	.	.	.	188	
10 25W33;SWW-a	5	6.37	73.8	30	.	0.9	86	146	1.8	1.2	3.5	.	02	.	.	.	187	
11 HANOVER;HRW	26	5.60	74.9	38	.	0.1	93	150	3.8	2.0	4.0	.	02	.	.	.	190	
12 MENDON;SRW	15	6.01	74.2	39	.	3.8	103	146	4.1	3.0	2.0	.	02	.	.	.	185	
13 PATRIOT;HRW	20	5.90	78.5	38	.	0.8	90	147	2.9	0.8	3.0	.	00	.	.	.	189	
14 2540;SRW-a	3	6.43	75.9	34	.	1.2	88	147	3.9	3.2	3.5	.	02	.	.	.	188	
15 SUPERIOR;SWW	10	6.18	75.0	35	.	1.8	100	150	2.8	2.8	3.5	.	12	.	.	.	190	
16 25R26;SRW-a	4	6.39	74.8	34	.	0.3	82	148	3.8	1.5	4.0	.	00	.	.	.	187	
17 25W60;SWW-a	1	6.63	76.3	34	.	0.9	92	145	2.7	2.0	2.0	.	00	.	.	.	186	
18 AC MACKINNON;SWW	23	5.82	72.3	33	.	0.8	99	148	3.5	6.5	2.5	.	00	.	.	.	186	
19 AC MOUNTAIN;SWW	13	6.10	73.6	34	.	2.1	102	149	4.1	5.7	4.0	.	02	.	.	.	187	
20 AC ESSEX;SWW	9	6.24	74.4	36	.	1.4	101	148	3.7	5.0	3.0	.	00	.	.	.	187	
21 AC DELTA;HRW-a	27	4.65	75.9	36	.	1.9	109	154	2.9	2.7	4.5	.	28	.	.	.	193	
22 ASHLAND;SRW	20	5.90	73.4	31	.	1.3	92	151	5.2	1.5	4.0	.	00	.	.	.	190	
23 MAXIM;HRW-a	12	6.11	78.4	42	.	1.5	96	147	0.6	0.8	2.0	.	00	.	.	.	190	
24 CM951067;SRW	8	6.30	76.8	34	.	0.3	95	149	4.1	2.0	3.5	.	00	.	.	.	190	
25 CALEDONIA;SWW	7	6.32	74.1	37	.	0.8	87	148	2.7	2.0	2.5	.	08	.	.	.	189	
26 WISDOM;SRW	2	6.54	76.5	36	.	2.1	97	144	2.4	0.7	3.0	.	00	.	.	.	187	
27 TW95412;SPWW	6	6.36	74.7	35	.	2.3	105	149	3.0	4.8	2.5	.	02	.	.	.	188	
LOCATIONS			6	6	5	0	5	6	4	6	3	1	0	2	0	0	0	2

YEAR(S) : 1999-2000  
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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
	RK	T/HA																
1 HARUS;SWW	18	5.66	74.3	35	98	0.3	97	155	2.7	3.7	4.9	.	16	.	0.2	1.0	189	
2 KARENA;SWW	14	5.80	73.3	35	98	1.7	102	156	2.5	3.4	4.0	.	17	.	0.2	3.0	191	
3 AC RON;SWW	18	5.66	72.2	34	97	1.4	100	156	3.4	4.6	4.8	.	21	.	0.3	2.0	190	
4 OAC ARISS;SWW	21	5.56	74.7	34	99	0.9	94	156	3.3	5.5	5.1	.	14	.	0.2	2.0	191	
5 FUNDULEA;HRW	25	5.35	76.7	33	96	0.1	92	157	4.4	2.6	5.4	.	18	.	0.5	0.0	190	
6 MARILEE;SWW	16	5.77	71.7	38	97	0.6	98	157	3.7	5.7	5.1	.	22	.	0.5	1.0	191	
7 FREEDOM;SRW	11	5.87	73.6	32	95	1.4	92	155	2.8	2.1	4.3	.	24	.	0.4	0.5	190	
8 AC CARTIER;SWW	21	5.56	75.1	38	97	0.7	102	156	2.4	2.1	5.1	.	19	.	0.0	1.5	192	
9 AC MORLEY;HRW	9	5.90	77.4	36	99	2.3	104	155	1.6	1.4	3.5	.	15	.	1.0	0.5	191	
10 25W33;SWW-a	5	6.02	72.2	31	96	0.3	83	155	2.0	1.3	3.5	.	18	.	0.2	0.5	189	
11 HANOVER;HRW	26	5.28	71.8	38	99	0.1	93	156	3.6	3.8	5.1	.	25	.	0.4	2.5	192	
12 MENDON;SRW	5	6.02	73.1	37	100	3.3	99	153	2.7	3.2	4.9	.	24	.	0.0	0.5	188	
13 PATRIOT;HRW	24	5.49	77.4	38	97	0.3	89	154	2.7	1.9	4.2	.	25	.	0.1	1.0	189	
14 2540;SRW-a	13	5.82	74.3	36	96	0.3	86	154	2.7	3.9	4.8	.	21	.	0.0	1.0	188	
15 SUPERIOR;SWW	1	6.09	74.2	36	99	1.0	97	156	2.7	4.5	4.1	.	15	.	0.5	3.0	191	
16 25R26;SRW-a	10	5.89	73.3	32	98	0.2	80	155	3.3	1.6	4.0	.	16	.	0.1	0.5	188	
17 25W60;SWW-a	7	6.01	74.6	34	99	0.7	89	152	2.6	2.2	4.4	.	20	.	0.0	0.0	187	
18 AC MACKINNON;SWW	23	5.55	72.7	33	99	0.5	96	154	2.5	7.2	5.1	.	22	.	0.2	1.5	189	
19 AC MOUNTAIN;SWW	20	5.58	72.5	35	98	1.4	99	154	3.6	5.8	5.1	.	22	.	0.4	2.5	189	
20 AC ESSEX;SWW	17	5.74	73.0	35	99	1.3	99	154	3.4	4.3	4.8	.	25	.	0.4	1.5	189	
21 AC DELTA;HRW-a	27	4.51	73.1	35	100	1.2	107	160	3.2	3.9	4.2	.	17	.	0.8	1.0	192	
22 ASHLAND;SRW	14	5.80	73.4	32	98	0.8	91	153	4.3	2.4	4.4	.	21	.	0.6	0.0	190	
23 MAXIM;HRW-a	8	6.00	77.8	41	96	0.5	90	153	1.1	1.8	3.8	.	16	.	0.4	0.0	188	
24 CM951067;SRW	2	6.08	75.3	34	98	0.3	91	155	4.1	3.1	3.5	.	13	.	0.2	1.0	189	
25 CALEDONIA;SWW	12	5.84	73.8	37	95	0.1	86	155	2.4	3.3	3.8	.	25	.	0.0	1.0	189	
26 WISDOM;SRW	4	6.05	75.7	35	98	1.4	92	152	2.9	0.8	4.0	.	17	.	0.2	0.0	187	
27 TW95412;SPWW	3	6.07	74.7	35	98	1.7	98	156	2.4	3.7	3.4	.	17	.	0.0	1.0	190	
LOCATIONS			10	10	10	2	7	10	9	8	5	4	0	4	0	1	1	2

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

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 1999-2000  
 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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS;SWW	20 5.66	74.8	35	98	0.7	98	153	2.5	3.5	4.8	.	11	.	0.2	1.0	188
2 KARENA;SWW	19 5.70	74.1	35	98	1.6	103	154	2.4	3.4	4.0	.	12	.	0.2	3.0	189
3 AC RON;SWW	16 5.76	72.1	34	97	1.4	101	153	3.3	4.4	4.6	.	15	.	0.3	2.0	189
4 OAC ARISS;SWW	21 5.61	75.2	33	99	1.2	94	154	3.0	5.3	5.0	.	09	.	0.2	2.0	190
5 FUNDULEA;HRW	25 5.53	77.8	34	96	0.4	92	155	4.1	2.3	5.0	.	12	.	0.5	0.0	189
6 MARILEE;SWW	14 5.81	72.4	38	97	1.0	99	155	3.5	5.7	5.3	.	16	.	0.5	1.0	191
7 FREEDOM;SRW	13 5.90	74.2	32	95	1.4	92	153	2.9	1.7	4.0	.	16	.	0.4	0.5	190
8 AC CARTIER;SWW	21 5.61	75.9	38	97	0.9	102	154	2.2	2.1	5.1	.	13	.	0.0	1.5	190
9 AC MORLEY;HRW	15 5.80	77.9	35	99	2.6	105	153	1.8	1.2	3.5	.	11	.	1.0	0.5	190
10 25W33;SWW-a	3 6.08	73.1	31	96	0.5	84	152	1.7	1.2	3.5	.	13	.	0.2	0.5	188
11 HANOVER;HRW	26 5.37	73.3	38	99	0.1	93	154	3.6	3.1	4.9	.	17	.	0.4	2.5	191
12 MENDON;SRW	10 5.95	73.7	38	100	3.5	100	151	3.1	3.1	4.3	.	17	.	0.0	0.5	186
13 PATRIOT;HRW	24 5.60	78.1	38	97	0.5	89	152	2.6	1.5	3.9	.	16	.	0.1	1.0	189
14 2540;SRW-a	8 5.97	75.2	35	96	0.7	87	152	3.1	3.6	4.6	.	15	.	0.0	1.0	188
15 SUPERIOR;SWW	3 6.08	74.8	36	99	1.4	98	154	2.7	3.8	4.0	.	14	.	0.5	3.0	190
16 25R26;SRW-a	8 5.97	74.2	33	98	0.3	80	152	3.4	1.5	4.0	.	11	.	0.1	0.5	188
17 25W60;SWW-a	2 6.15	75.5	34	99	0.8	90	150	2.5	2.1	3.9	.	13	.	0.0	0.0	186
18 AC MACKINNON;SWW	21 5.61	72.9	33	99	0.7	96	152	2.8	6.9	4.6	.	14	.	0.2	1.5	187
19 AC MOUNTAIN;SWW	18 5.74	73.3	35	98	1.7	99	152	3.7	5.8	4.9	.	15	.	0.4	2.5	188
20 AC ESSEX;SWW	12 5.91	73.8	35	99	1.3	99	152	3.5	4.6	4.5	.	16	.	0.4	1.5	188
21 AC DELTA;HRW-a	27 4.54	74.4	35	100	1.5	107	158	3.0	3.4	4.3	.	20	.	0.8	1.0	192
22 ASHLAND;SRW	17 5.75	73.6	32	98	1.0	91	152	4.7	2.0	4.4	.	14	.	0.6	0.0	190
23 MAXIM;HRW-a	10 5.95	78.1	41	96	0.9	92	151	0.9	1.4	3.5	.	11	.	0.4	0.0	189
24 CM951067;SRW	6 6.07	76.2	35	98	0.3	92	153	4.0	2.7	3.5	.	08	.	0.2	1.0	190
25 CALEDONIA;SWW	7 5.98	74.2	37	95	0.4	86	152	2.4	2.8	3.5	.	19	.	0.0	1.0	189
26 WISDOM;SRW	1 6.17	76.2	35	98	1.7	93	149	2.9	0.8	3.8	.	11	.	0.2	0.0	187
27 TW95412;SPWW	3 6.08	74.9	35	98	2.0	101	154	2.6	4.1	3.2	.	12	.	0.0	1.0	189
LOCATIONS	17	17	16	2	12	17	14	15	8	5	0	6	0	1	1	4

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 2000

TRAIT : YIELD(T/HA)

KEY NAME	AREA I (3)*	AREA II (5)	PROV. (8)**
	MEAN	MEAN	MEAN
1 HARUS;SWW	6.14	5.70	5.86
2 KARENA;SWW	5.83	5.87	5.86
3 AC RON;SWW	5.88	5.83	5.85
4 OAC ARISS;SWW	6.02	5.63	5.77
5 FUNDULEA;HRW	5.96	5.20	5.48
6 MARILEE;SWW	6.01	5.68	5.81
7 FREEDOM;SRW	6.25	5.91	6.04
8 AC CARTIER;SWW	5.79	5.31	5.49
9 AC MORLEY;HRW	6.22	5.95	6.05
10 25W33;SWW-a	6.42	6.07	6.20
11 HANOVER;HRW	5.52	5.11	5.27
12 MENDON;SRW	5.76	5.98	5.89
13 PATRIOT;HRW	6.15	5.29	5.61
14 2540;SRW-a	6.33	5.50	5.81
15 SUPERIOR;SWW	6.10	6.04	6.06
16 25R26;SRW-a	6.44	5.97	6.15
17 25W60;SWW-a	6.78	6.06	6.33
18 AC MACKINNON;SWW	5.80	5.44	5.58
19 AC MOUNTAIN;SWW	6.11	5.72	5.87
20 AC ESSEX;SWW	6.26	5.71	5.92
21 AC DELTA;HRW-a	4.20	4.02	4.09
22 ASHLAND;SRW	5.83	5.70	5.75
23 MAXIM;HRW	6.54	6.03	6.22
24 CM951067;SRW	6.65	6.07	6.29
25 CALEDONIA;SWW	6.40	5.86	6.07
26 WISDOM;SRW	6.81	6.14	6.39
27 TW95412;SPWW	6.51	6.27	6.36
28 RC98109;SRW	7.32	6.38	6.73
29 FWB728;HRW	6.12	4.90	5.36
30 CM96097;HRW	6.76	5.77	6.14
31 PLATINUM;HRW	4.90	4.77	4.82
32 CLARITY;SRW-a	6.44	5.60	5.92
33 WHITBY;SWW	5.92	5.99	5.96
34 WALKERTON;HRW	4.81	4.96	4.90
OVERALL MEAN (T/HA)	6.09	5.66	5.82

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR(S): 2000

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (3)* MEAN	AREA II (5) MEAN	PROV. (8)** MEAN
1 HARUS;SWW	100.1	101.6	101.0
2 KARENA;SWW	96.2	105.6	102.1
3 AC RON;SWW	96.5	103.7	101.0
4 OAC ARISS;SWW	98.0	100.5	99.6
5 FUNDULEA;HRW	98.4	93.1	95.1
6 MARILEE;SWW	97.7	101.4	100.0
7 FREEDOM;SRW	102.4	105.5	104.3
8 AC CARTIER;SWW	95.2	93.7	94.3
9 AC MORLEY;HRW	102.3	105.4	104.2
10 25W33;SWW-a	104.8	106.8	106.0
11 HANOVER;HRW	89.8	90.4	90.2
12 MENDON;SRW	95.4	105.8	101.9
13 PATRIOT;HRW	101.3	92.1	95.6
14 2540;SRW-a	103.6	97.0	99.5
15 SUPERIOR;SWW	100.2	107.5	104.7
16 25R26;SRW-a	106.6	105.8	106.1
17 25W60;SWW-a	112.0	105.8	108.1
18 AC MACKINNON;SWW	94.2	95.6	95.1
19 AC MOUNTAIN;SWW	100.1	100.9	100.6
20 AC ESSEX;SWW	102.2	100.4	101.1
21 AC DELTA;HRW-a	67.9	71.8	70.3
22 ASHLAND;SRW	95.4	101.7	99.4
23 MAXIM;HRW	108.7	105.2	106.5
24 CM951067;SRW	109.2	106.5	107.6
25 CALEDONIA;SWW	106.0	102.3	103.7
26 WISDOM;SRW	113.1	107.4	109.5
27 TW95412;SPWW	107.2	110.8	109.4
28 RC98109;SRW	120.6	112.4	115.5
29 FWB728;HRW	100.0	86.0	91.2
30 CM96097;HRW	111.6	99.6	104.1
31 PLATINUM;HRW	80.1	85.1	83.2
32 CLARITY;SRW-a	107.3	99.3	102.3
33 WHITBY;SWW	97.6	105.7	102.7
34 WALKERTON;HRW	78.2	87.7	84.1
OVERALL MEAN (T/HA)	6.09	5.66	5.82

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS



## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR : 2000  
 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	*
1 HARUS;SWW	17	6.14	72.6	33	.	2.0	110	150	3.0	4.2	4.5	.	00	.	.	.	191
2 KARENA;SWW	26	5.83	71.7	34	.	2.4	114	150	2.4	4.5	4.0	.	02	.	.	.	191
3 AC RON;SWW	25	5.88	70.6	34	.	2.1	113	150	4.0	4.5	4.0	.	02	.	.	.	192
4 OAC ARISS;SWW	21	6.02	72.4	30	.	2.6	104	152	3.8	6.0	4.5	.	00	.	.	.	192
5 FUNDULEA;HRW	23	5.96	76.6	33	.	1.4	99	150	4.3	2.5	3.0	.	00	.	.	.	190
6 MARILEE;SWW	22	6.01	70.6	37	.	2.5	111	151	4.7	7.0	6.0	.	05	.	.	.	194
7 FREEDOM;SRW	14	6.25	73.1	33	.	2.3	101	149	4.5	1.0	2.5	.	00	.	.	.	192
8 AC CARTIER;SWW	29	5.79	74.5	36	.	2.2	111	150	2.4	2.5	5.0	.	00	.	.	.	193
9 AC MORLEY;HRW	15	6.22	76.6	35	.	5.0	117	150	2.4	1.5	3.5	.	05	.	.	.	190
10 25W33;SWW-a	10	6.42	71.3	30	.	1.4	92	146	1.8	1.8	3.5	.	02	.	.	.	191
11 HANOVER;HRW	31	5.52	72.4	37	.	0.2	97	150	5.2	3.0	4.0	.	02	.	.	.	192
12 MENDON;SRW	30	5.76	71.9	39	.	5.5	110	145	5.3	3.5	2.0	.	02	.	.	.	187
13 PATRIOT;HRW	16	6.15	76.6	39	.	1.4	95	147	3.4	1.2	3.0	.	00	.	.	.	191
14 2540;SRW-a	12	6.33	73.8	35	.	2.0	96	147	5.2	4.2	3.5	.	02	.	.	.	192
15 SUPERIOR;SWW	20	6.10	72.3	36	.	2.9	107	150	2.8	4.2	3.5	.	12	.	.	.	194
16 25R26;SRW-a	8	6.44	72.8	35	.	0.5	88	148	5.2	1.8	4.0	.	00	.	.	.	191
17 25W60;SWW-a	3	6.78	74.2	37	.	1.3	97	145	3.3	2.5	2.0	.	00	.	.	.	189
18 AC MACKINNON;SWW	28	5.80	68.7	32	.	1.3	106	148	3.6	5.8	2.5	.	00	.	.	.	190
19 AC MOUNTAIN;SWW	19	6.11	71.3	33	.	2.8	109	149	5.2	5.0	4.0	.	02	.	.	.	190
20 AC ESSEX;SWW	13	6.26	71.7	34	.	2.3	109	149	4.8	5.0	3.0	.	00	.	.	.	190
21 AC DELTA;HRW-a	34	4.20	72.2	35	.	3.1	114	155	2.8	3.5	4.5	.	28	.	.	.	196
22 ASHLAND;SRW	26	5.83	70.4	31	.	2.2	96	157	6.0	1.8	4.0	.	00	.	.	.	194
23 MAXIM;HRW-a	6	6.54	76.0	44	.	2.5	102	148	0.5	1.2	2.0	.	00	.	.	.	193
24 CM951067;SRW	5	6.65	75.4	35	.	0.5	101	150	5.2	2.5	3.5	.	00	.	.	.	194
25 CALEDONIA;SWW	11	6.40	71.0	36	.	1.3	96	148	3.1	2.5	2.5	.	08	.	.	.	191
26 WISDOM;SRW	2	6.81	74.5	37	.	2.8	100	144	2.8	1.0	3.0	.	00	.	.	.	192
27 TW95412;SPWW	7	6.51	72.5	35	.	3.3	112	150	3.3	5.8	2.5	.	02	.	.	.	190
28 RC98109;SRW	1	7.32	73.4	39	.	3.9	102	143	0.7	4.2	0.0	.	00	.	.	.	189
29 FWB728;HRW	18	6.12	74.6	39	.	1.0	90	148	4.7	1.0	5.5	.	02	.	.	.	192
30 CM96097;HRW	4	6.76	74.7	43	.	2.0	103	148	0.6	2.0	0.0	.	00	.	.	.	192
31 PLATINUM;HRW	32	4.90	75.8	34	.	3.5	116	153	1.7	1.5	2.0	.	18	.	.	.	195
32 CLARITY;SRW-a	8	6.44	74.5	37	.	3.8	104	147	2.6	2.8	2.5	.	02	.	.	.	188
33 WHITBY;SWW	24	5.92	70.7	33	.	3.2	112	151	2.3	2.2	5.0	.	02	.	.	.	192
34 WALKERTON;HRW	33	4.81	69.0	34	.	0.3	95	157	0.5	0.5	3.0	.	62	.	.	.	199
LOCATIONS		3	3	2	0	3	3	2	3	2	1	0	2	0	0	0	1

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR : 2000  
 MGMT : NORMAL  
 AREA : 2

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RRK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	%	0-9	0-9	0-9	*
1 HARUS;SWW	20	5.70	72.6	35	98	0.2	106	159	2.8	3.8	5.2	.	16	.	0.2	1.0	193
2 KARENA;SWW	14	5.87	71.2	34	98	0.8	110	159	2.7	3.8	4.0	.	17	.	0.2	3.0	194
3 AC RON;SWW	16	5.83	69.9	34	97	0.4	110	159	3.8	4.2	4.9	.	21	.	0.3	2.0	193
4 OAC ARISS;SWW	23	5.63	72.4	31	99	0.6	103	160	4.0	6.2	5.4	.	14	.	0.2	2.0	195
5 FUNDULEA;HRW	29	5.20	74.8	31	96	0.0	100	160	4.7	1.8	6.1	.	18	.	0.5	0.0	192
6 MARILEE;SWW	22	5.68	69.6	38	97	0.3	107	160	3.7	5.2	5.6	.	22	.	0.5	1.0	195
7 FREEDOM;SRW	13	5.91	72.1	32	95	0.8	100	157	2.8	0.5	4.4	.	24	.	0.4	0.5	193
8 AC CARTIER;SWW	27	5.31	73.6	37	97	0.4	110	160	2.8	1.8	5.4	.	19	.	0.0	1.5	195
9 AC MORLEY;HRW	12	5.95	76.1	35	99	1.1	113	159	1.8	1.0	3.3	.	15	.	1.0	0.5	195
10 25W33;SWW-a	4	6.07	70.7	31	96	0.2	90	157	2.7	1.5	3.5	.	18	.	0.2	0.5	193
11 HANOVER;HRW	30	5.11	70.6	35	99	0.0	100	159	4.1	4.2	5.3	.	25	.	0.4	2.5	195
12 MENDON;SRW	10	5.98	71.4	36	100	2.2	107	156	3.0	4.0	5.4	.	24	.	0.0	0.5	191
13 PATRIOT;HRW	28	5.29	75.7	38	97	0.2	97	156	3.1	1.8	4.4	.	25	.	0.1	1.0	190
14 2540;SRW-a	25	5.50	71.8	36	96	0.1	93	157	3.5	5.5	5.1	.	21	.	0.0	1.0	191
15 SUPERIOR;SWW	7	6.04	72.6	36	99	0.4	105	159	2.8	4.8	4.2	.	15	.	0.5	3.0	195
16 25R26;SRW-a	11	5.97	71.7	32	98	0.1	89	157	4.1	1.5	4.1	.	16	.	0.1	0.5	193
17 25W60;SWW-a	6	6.06	72.8	35	99	0.1	97	155	3.1	2.5	4.5	.	20	.	0.0	0.0	190
18 AC MACKINNON;SWW	26	5.44	69.8	31	99	0.6	103	157	2.6	7.2	5.7	.	22	.	0.2	1.5	194
19 AC MOUNTAIN;SWW	18	5.72	70.7	33	98	0.5	106	158	3.9	5.2	5.1	.	22	.	0.4	2.5	191
20 AC ESSEX;SWW	19	5.71	71.7	33	99	0.2	106	158	3.7	4.0	4.9	.	25	.	0.4	1.5	191
21 AC DELTA;HRW-a	34	4.02	70.2	33	100	0.9	116	165	3.3	3.0	3.9	.	17	.	0.8	1.0	195
22 ASHLAND;SRW	20	5.70	71.2	31	98	0.5	100	155	4.5	1.2	4.8	.	21	.	0.6	0.0	193
23 MAXIM;HRW-a	8	6.03	76.5	40	96	0.4	96	156	0.3	3.0	4.3	.	16	.	0.4	0.0	191
24 CM951067;SRW	4	6.07	74.3	34	98	0.1	97	159	4.5	2.5	3.5	.	13	.	0.2	1.0	192
25 CALEDONIA;SWW	15	5.86	71.7	36	95	0.0	93	157	2.8	3.5	3.7	.	25	.	0.0	1.0	192
26 WISDOM;SRW	3	6.14	74.0	34	98	0.2	98	155	2.9	0.0	4.2	.	17	.	0.2	0.0	190
27 TW95412;SPWW	2	6.27	73.4	35	98	0.8	108	159	2.3	3.0	3.5	.	17	.	0.0	1.0	194
28 RC98109;SRW	1	6.38	74.9	37	99	0.8	97	154	0.2	1.8	5.8	.	16	.	0.1	0.5	190
29 FWB728;HRW	32	4.90	74.3	36	90	0.0	89	157	4.1	0.5	6.1	.	31	.	0.1	0.5	191
30 CM96097;HRW	17	5.77	74.6	43	98	0.3	101	157	0.6	2.2	4.3	.	27	.	0.7	0.5	191
31 PLATINUM;HRW	33	4.77	74.8	36	98	2.0	112	162	2.7	2.0	3.1	.	15	.	0.0	0.5	196
32 CLARITY;SRW-a	24	5.60	74.5	32	99	0.9	102	157	2.3	2.8	5.7	.	16	.	0.0	0.0	191
33 WHITBY;SWW	9	5.99	70.8	36	96	1.3	108	160	2.7	1.8	4.6	.	15	.	0.0	0.0	196
34 WALKERTON;HRW	31	4.96	68.4	38	85	0.1	99	167	0.1	0.5	2.9	.	08	.	0.3	0.0	199
LOCATIONS		5	5	5	2	4	5	4	4	2	3	0	4	0	1	1	1

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

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

YEAR : 2000  
 MGMT : NORMAL  
 AREA(S): 1- 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	*
1 HARUS;SWW	19	5.86	72.6	34	98	0.9	107	156	2.9	4.0	5.0	.	11	.	0.2	1.0	192
2 KARENA;SWW	19	5.86	71.4	34	98	1.5	111	156	2.6	4.1	4.0	.	12	.	0.2	3.0	193
3 AC RON;SWW	21	5.85	70.1	34	97	1.1	111	156	3.9	4.4	4.7	.	15	.	0.3	2.0	193
4 OAC ARISS;SWW	24	5.77	72.4	31	99	1.5	104	157	3.9	6.1	5.2	.	09	.	0.2	2.0	194
5 FUNDULEA;HRW	29	5.48	75.5	32	96	0.6	100	157	4.5	2.1	5.3	.	12	.	0.5	0.0	191
6 MARILEE;SWW	22	5.81	70.0	37	97	1.3	108	157	4.1	6.1	5.7	.	16	.	0.5	1.0	195
7 FREEDOM;SRW	13	6.04	72.5	32	95	1.4	100	154	3.5	0.8	4.0	.	16	.	0.4	0.5	193
8 AC CARTIER;SWW	28	5.49	73.9	37	97	1.2	111	157	2.6	2.1	5.3	.	13	.	0.0	1.5	194
9 AC MORLEY;HRW	12	6.05	76.3	35	99	2.8	115	156	2.0	1.2	3.3	.	11	.	1.0	0.5	193
10 25W33;SWW-a	7	6.20	70.9	30	96	0.7	91	153	2.3	1.6	3.5	.	13	.	0.2	0.5	192
11 HANOVER;HRW	31	5.27	71.3	35	99	0.1	99	156	4.6	3.6	5.0	.	17	.	0.4	2.5	194
12 MENDON;SRW	17	5.89	71.6	37	100	3.6	108	152	4.0	3.8	4.5	.	17	.	0.0	0.5	189
13 PATRIOT;HRW	26	5.61	76.1	38	97	0.7	96	153	3.3	1.5	4.0	.	16	.	0.1	1.0	191
14 2540;SRW-a	22	5.81	72.5	35	96	0.9	95	154	4.2	4.9	4.7	.	15	.	0.0	1.0	192
15 SUPERIOR;SWW	11	6.06	72.5	36	99	1.5	106	156	2.8	4.5	4.0	.	14	.	0.5	3.0	195
16 25R26;SRW-a	8	6.15	72.1	33	98	0.3	89	154	4.5	1.6	4.1	.	11	.	0.1	0.5	192
17 25W60;SWW-a	4	6.33	73.3	36	99	0.6	97	152	3.2	2.5	3.9	.	13	.	0.0	0.0	190
18 AC MACKINNON;SWW	27	5.58	69.4	31	99	0.9	104	154	3.0	6.5	4.9	.	14	.	0.2	1.5	192
19 AC MOUNTAIN;SWW	18	5.87	70.9	33	98	1.5	107	155	4.4	5.1	4.8	.	15	.	0.4	2.5	191
20 AC ESSEX;SWW	15	5.92	71.7	34	99	1.1	107	155	4.2	4.5	4.4	.	16	.	0.4	1.5	191
21 AC DELTA;HRW-a	34	4.09	70.9	33	100	1.8	115	162	3.1	3.2	4.1	.	20	.	0.8	1.0	196
22 ASHLAND;SRW	25	5.75	70.9	31	98	1.2	98	156	5.1	1.5	4.6	.	14	.	0.6	0.0	194
23 MAXIM;HRW-a	6	6.22	76.3	41	96	1.3	98	153	0.4	2.1	3.7	.	11	.	0.4	0.0	192
24 CM951067;SRW	5	6.29	74.7	34	98	0.3	99	156	4.8	2.5	3.5	.	08	.	0.2	1.0	193
25 CALEDONIA;SWW	10	6.07	71.4	36	95	0.6	94	154	2.9	3.0	3.4	.	19	.	0.0	1.0	192
26 WISDOM;SRW	2	6.39	74.2	35	98	1.3	99	151	2.9	0.5	3.9	.	11	.	0.2	0.0	191
27 TW95412;SPWW	3	6.36	73.1	35	98	1.9	109	156	2.7	4.4	3.2	.	12	.	0.0	1.0	192
28 RC98109;SRW	1	6.73	74.4	38	99	2.1	99	150	0.4	3.0	4.3	.	11	.	0.1	0.5	190
29 FWB728;HRW	30	5.36	74.4	37	90	0.4	90	154	4.3	0.8	5.9	.	21	.	0.1	0.5	192
30 CM96097;HRW	9	6.14	74.6	43	98	1.0	102	154	0.6	2.1	3.2	.	18	.	0.7	0.5	192
31 PLATINUM;HRW	33	4.82	75.2	36	98	2.6	113	159	2.3	1.8	2.8	.	16	.	0.0	0.5	196
32 CLARITY;SRW-a	15	5.92	74.5	34	99	2.1	103	153	2.4	2.8	4.9	.	12	.	0.0	0.0	190
33 WHITEY;SWW	14	5.96	70.8	35	96	2.1	109	157	2.5	2.0	4.7	.	11	.	0.0	0.0	194
34 WALKERTON;HRW	32	4.90	68.6	37	85	0.2	98	163	0.3	0.5	3.0	.	26	.	0.3	0.0	199
LOCATIONS		8	8	7	2	7	8	6	7	4	4	0	6	0	1	1	2

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

TRIAL STATISTICS (GRAIN YIELD)

AREA	LOCATION	MEAN (g m <sup>-2</sup> )	REPS	ERROR SS	ERROR DF	ERROR MS	C.V.%
I	WOODSLEE	740	4	176121	99	1779	5.7
I	RIDGETOWN	516	4	148302	99	1498	7.5
I	INWOOD	571	6	151140	165	916	5.3
II	NAIRN	625	4	39569	99	400	3.2
II	WOODSTOCK	715	4	332613	97	3429	8.2
II	ELORA	586	4	134976	96	1406	6.4
II	HARRISTON	441	4	181170	99	1830	9.7
II	BATH	462	4	274626	99	2774	11.4

\*100 g m<sup>-2</sup> = 1 t/ha = 893 lbs/acre

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

LOCATION - WOODSLEE  
MANAGEMENT - NORMAL

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	*
1 HARUS;SWW	7	7.80	70.8	.	.	4.5	108	148	5.0	.	.	.	.	.	.	.	.
2 KARENA;SWW	30	6.80	70.4	.	.	5.5	113	148	3.8	.	.	.	.	.	.	.	.
3 AC RON;SWW	24	7.20	69.1	.	.	5.0	107	148	6.0	.	.	.	.	.	.	.	.
4 OAC ARISS;SWW	7	7.80	71.0	.	.	5.8	104	151	5.5	.	.	.	.	.	.	.	.
5 FUNDULEA;HRW	29	6.90	75.1	.	.	2.8	92	148	6.5	.	.	.	.	.	.	.	.
6 MARILEE;SWW	7	7.80	69.1	.	.	5.8	109	149	7.5	.	.	.	.	.	.	.	.
7 FREEDOM;SRW	13	7.70	71.4	.	.	3.3	91	147	6.0	.	.	.	.	.	.	.	.
8 AC CARTIER;SWW	27	7.00	72.4	.	.	5.8	106	148	2.3	.	.	.	.	.	.	.	.
9 AC MORLEY;HRW	16	7.50	74.1	.	.	7.8	114	149	3.3	.	.	.	.	.	.	.	.
10 25W33;SWW-a	2	8.10	69.6	.	.	2.8	87	145	1.5	.	.	.	.	.	.	.	.
11 HANOVER;HRW	24	7.20	70.8	.	.	.5	90	149	6.5	.	.	.	.	.	.	.	.
12 MENDON;SRW	31	6.30	69.2	.	.	7.5	104	143	5.8	.	.	.	.	.	.	.	.
13 PATRIOT;HRW	20	7.40	74.3	.	.	3.0	85	146	3.3	.	.	.	.	.	.	.	.
14 2540;SRW-a	7	7.80	71.7	.	.	3.0	88	146	8.0	.	.	.	.	.	.	.	.
15 SUPERIOR;SWW	20	7.40	70.1	.	.	6.5	103	148	4.0	.	.	.	.	.	.	.	.
16 25R26;SRW-a	16	7.50	70.5	.	.	.8	77	148	6.5	.	.	.	.	.	.	.	.
17 25W60;SWW-a	6	7.90	72.0	.	.	1.5	89	145	3.5	.	.	.	.	.	.	.	.
18 AC MACKINNON;SWW	13	7.70	69.0	.	.	4.0	106	146	2.8	.	.	.	.	.	.	.	.
19 AC MOUNTAIN;SWW	16	7.50	70.6	.	.	6.5	104	147	7.0	.	.	.	.	.	.	.	.
20 AC ESSEX;SWW	4	8.00	70.2	.	.	5.8	106	147	7.3	.	.	.	.	.	.	.	.
21 AC DELTA;HRW-a	34	5.50	69.9	.	.	3.3	103	151	3.5	.	.	.	.	.	.	.	.
22 ASHLAND;SRW	22	7.30	68.3	.	.	2.5	85	166	9.0	.	.	.	.	.	.	.	.
23 MAXIM;HRW-a	16	7.50	73.9	.	.	3.3	96	147	1.0	.	.	.	.	.	.	.	.
24 CM951067;SRW	2	8.10	73.7	.	.	1.3	97	148	7.0	.	.	.	.	.	.	.	.
25 CALEDONIA;SWW	22	7.30	69.0	.	.	2.0	90	146	3.3	.	.	.	.	.	.	.	.
26 WISDOM;SRW	7	7.80	71.4	.	.	2.0	93	142	5.0	.	.	.	.	.	.	.	.
27 TW95412;SPWW	7	7.80	70.4	.	.	7.3	106	148	4.3	.	.	.	.	.	.	.	.
28 RC98109;SRW	1	8.80	71.5	.	.	5.5	98	142	.5	.	.	.	.	.	.	.	.
29 FWB728;HRW	13	7.70	72.4	.	.	.5	79	147	6.5	.	.	.	.	.	.	.	.
30 CM96097;HRW	4	8.00	72.5	.	.	1.8	93	146	.8	.	.	.	.	.	.	.	.
31 PLATINUM;HRW	32	6.10	75.5	.	.	6.3	113	151	1.0	.	.	.	.	.	.	.	.
32 CLARITY;SRW-a	26	7.10	70.8	.	.	5.5	95	146	3.8	.	.	.	.	.	.	.	.
33 WHITBY;SWW	27	7.00	68.3	.	.	5.0	110	149	2.3	.	.	.	.	.	.	.	.
34 WALKERTON;HRW	32	6.10	73.3	.	.	.8	84	152	1.5	.	.	.	.	.	.	.	.
MEANS		7.39	71.2	.	.	4.0	98	148	4.5	.	.	.	.	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

LOCATION - RIDGETOWN  
MANAGEMENT - NORMAL

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	*
1 HARUS;SWW	25	4.78	72.4	29	.	1.5	109	151	3.0	5.0	4.5	.	0	.	.	.	191
2 KARENA;SWW	21	5.06	71.4	31	.	1.8	114	152	2.5	5.0	4.0	.	0	.	.	.	191
3 AC RON;SWW	24	4.91	70.0	30	.	1.2	116	152	5.0	4.5	4.0	.	0	.	.	.	192
4 OAC ARISS;SWW	27	4.77	71.8	26	.	1.2	102	152	4.0	7.0	4.5	.	0	.	.	.	192
5 FUNDULEA;HRW	14	5.24	76.2	31	.	1.5	100	151	5.0	3.0	3.0	.	0	.	.	.	190
6 MARILEE;SWW	30	4.42	69.8	32	.	1.8	110	153	5.0	7.5	6.0	.	0	.	.	.	194
7 FREEDOM;SRW	15	5.20	73.6	31	.	3.5	104	150	6.0	1.0	2.5	.	0	.	.	.	192
8 AC CARTIER;SWW	23	4.95	74.6	33	.	.8	114	152	3.0	2.0	5.0	.	0	.	.	.	193
9 AC MORLEY;HRW	12	5.39	77.0	34	.	6.2	116	151	3.0	1.0	3.5	.	0	.	.	.	190
10 25W33;SWW-a	19	5.09	70.8	26	.	1.5	94	147	3.0	1.5	3.5	.	0	.	.	.	191
11 HANOVER;HRW	31	4.29	72.6	34	.	.0	98	151	6.5	3.0	4.0	.	0	.	.	.	192
12 MENDON;SRW	25	4.78	72.4	37	.	7.0	108	147	7.0	3.0	2.0	.	0	.	.	.	187
13 PATRIOT;HRW	11	5.57	76.6	39	.	1.0	98	148	5.5	1.0	3.0	.	0	.	.	.	191
14 2540;SRW-a	16	5.14	73.6	31	.	3.0	101	148	5.0	3.5	3.5	.	0	.	.	.	192
15 SUPERIOR;SWW	18	5.11	72.6	34	.	2.2	109	152	3.5	3.0	3.5	.	0	.	.	.	194
16 25R26;SRW-a	7	5.99	73.2	33	.	.8	93	148	6.0	1.5	4.0	.	0	.	.	.	191
17 25W60;SWW-a	5	6.09	75.2	35	.	1.5	98	145	4.5	2.5	2.0	.	0	.	.	.	189
18 AC MACKINNON;SWW	29	4.53	64.8	29	.	.0	105	150	5.0	8.5	2.5	.	0	.	.	.	190
19 AC MOUNTAIN;SWW	20	5.07	70.4	29	.	1.8	112	151	6.5	7.5	4.0	.	0	.	.	.	190
20 AC ESSEX;SWW	13	5.30	71.2	31	.	1.0	110	150	5.0	6.5	3.0	.	0	.	.	.	190
21 AC DELTA;HRW-a	34	2.70	69.8	31	.	6.0	115	159	3.5	3.0	4.5	.	0	.	.	.	196
22 ASHLAND;SRW	28	4.70	70.0	28	.	4.0	100	147	6.5	2.0	4.0	.	0	.	.	.	194
23 MAXIM;HRW-a	2	6.51	76.0	43	.	4.2	104	148	.5	1.5	2.0	.	0	.	.	.	193
24 CM951067;SRW	8	5.81	75.4	32	.	.2	103	151	5.5	2.5	3.5	.	0	.	.	.	194
25 CALEDONIA;SWW	9	5.71	70.6	33	.	2.0	100	150	4.0	2.0	2.5	.	0	.	.	.	191
26 WISDOM;SRW	1	6.64	75.4	36	.	6.0	104	146	2.5	1.0	3.0	.	0	.	.	.	192
27 TW95412;SPWW	10	5.64	72.2	31	.	2.5	113	152	3.5	6.0	2.5	.	0	.	.	.	190
28 RC98109;SRW	3	6.45	71.8	37	.	6.2	104	144	1.5	5.0	.0	.	0	.	.	.	189
29 FWB728;HRW	22	4.98	74.6	37	.	2.5	94	149	5.0	1.0	5.5	.	0	.	.	.	192
30 CM96097;HRW	5	6.09	74.2	39	.	4.2	105	149	1.0	2.0	.0	.	0	.	.	.	192
31 PLATINUM;HRW	32	3.81	73.4	31	.	3.8	116	154	3.0	1.0	2.0	.	0	.	.	.	195
32 CLARITY;SRW-a	4	6.26	76.0	36	.	6.0	108	148	3.0	2.5	2.5	.	0	.	.	.	188
33 WHITBY;SWW	16	5.14	70.4	29	.	4.5	111	153	3.0	2.5	5.0	.	0	.	.	.	192
34 WALKERTON;HRW	33	3.47	64.8	28	.	.0	100	161	.0	.0	3.0	.	65	.	.	.	199
MEANS		5.16	72.5	32	.	2.7	106	150	4.0	3.2	3.3	.	02	.	.	.	192

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

LOCATION - INWOOD  
 MANAGEMENT - NORMAL

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	*
1 HARUS;SWW	12	5.84	74.6	37	.	.0	113	.	1.0	3.5	.	.	0	.	.	.	.
2 KARENA;SWW	21	5.63	73.4	36	.	.0	115	.	1.0	4.0	.	.	5	.	.	.	.
3 AC RON;SWW	24	5.53	72.6	37	.	.0	117	.	1.0	4.5	.	.	5	.	.	.	.
4 OAC ARISS;SWW	26	5.48	74.4	33	.	.8	106	.	2.0	5.0	.	.	0	.	.	.	.
5 FUNDULEA;HRW	19	5.73	78.6	35	.	.0	105	.	1.5	2.0	.	.	0	.	.	.	.
6 MARILEE;SWW	15	5.82	72.8	41	.	.0	114	.	1.5	6.5	.	.	10	.	.	.	.
7 FREEDOM;SRW	12	5.84	74.4	35	.	.2	107	.	1.5	1.0	.	.	0	.	.	.	.
8 AC CARTIER;SWW	29	5.43	76.4	38	.	.0	114	.	2.0	3.0	.	.	0	.	.	.	.
9 AC MORLEY;HRW	17	5.77	78.8	35	.	1.0	122	.	1.0	2.0	.	.	10	.	.	.	.
10 25W33;SWW-a	7	6.07	73.4	34	.	.0	96	.	1.0	2.0	.	.	5	.	.	.	.
11 HANOVER;HRW	31	5.08	73.8	40	.	.2	102	.	2.5	3.0	.	.	5	.	.	.	.
12 MENDON;SRW	5	6.19	74.2	41	.	2.0	118	.	3.0	4.0	.	.	5	.	.	.	.
13 PATRIOT;HRW	26	5.48	79.0	39	.	.2	102	.	1.5	1.5	.	.	0	.	.	.	.
14 2540;SRW-a	8	6.04	76.2	38	.	.0	100	.	2.5	5.0	.	.	5	.	.	.	.
15 SUPERIOR;SWW	16	5.80	74.2	37	.	.0	109	.	1.0	5.5	.	.	25	.	.	.	.
16 25R26;SRW-a	12	5.84	74.6	37	.	.0	95	.	3.0	2.0	.	.	0	.	.	.	.
17 25W60;SWW-a	2	6.35	75.4	39	.	1.0	103	.	2.0	2.5	.	.	0	.	.	.	.
18 AC MACKINNON;SWW	30	5.18	72.4	35	.	.0	108	.	3.0	3.0	.	.	0	.	.	.	.
19 AC MOUNTAIN;SWW	18	5.75	73.0	36	.	.2	112	.	2.0	2.5	.	.	5	.	.	.	.
20 AC ESSEX;SWW	28	5.47	73.6	37	.	.0	110	.	2.0	3.5	.	.	0	.	.	.	.
21 AC DELTA;HRW-a	34	4.39	76.8	38	.	.0	124	.	1.5	4.0	.	.	55	.	.	.	.
22 ASHLAND;SRW	25	5.50	73.0	33	.	.0	103	.	2.5	1.5	.	.	0	.	.	.	.
23 MAXIM;HRW-a	23	5.62	78.2	45	.	.0	105	.	.0	1.0	.	.	0	.	.	.	.
24 CM951067;SRW	9	6.03	77.2	38	.	.0	104	.	3.0	2.5	.	.	0	.	.	.	.
25 CALEDONIA;SWW	3	6.20	73.4	39	.	.0	99	.	2.0	3.0	.	.	15	.	.	.	.
26 WISDOM;SRW	10	6.00	76.6	38	.	.5	102	.	1.0	1.0	.	.	0	.	.	.	.
27 TW95412;SPWW	6	6.10	75.0	38	.	.2	117	.	2.0	5.5	.	.	5	.	.	.	.
28 RC98109;SRW	1	6.72	77.0	41	.	.0	104	.	.0	3.5	.	.	0	.	.	.	.
29 FWB728;HRW	20	5.68	76.8	41	.	.0	98	.	2.5	1.0	.	.	0	.	.	.	.
30 CM96097;HRW	3	6.20	77.4	46	.	.0	112	.	.0	2.0	.	.	0	.	.	.	.
31 PLATINUM;HRW	33	4.79	78.6	36	.	.5	118	.	1.0	2.0	.	.	35	.	.	.	.
32 CLARITY;SRW-a	11	5.97	76.6	38	.	.0	110	.	1.0	3.0	.	.	5	.	.	.	.
33 WHITBY;SWW	21	5.63	73.4	37	.	.0	116	.	1.5	2.0	.	.	5	.	.	.	.
34 WALKERTON;HRW	32	4.85	68.8	39	.	.0	101	.	.0	1.0	.	.	60	.	.	.	.
MEANS		5.71	75.1	38	.	.2	108	.	1.6	2.9	.	.	08	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

LOCATION - NAIRN  
MANAGEMENT - NORMAL

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	*
1 HARUS;SWW	16	6.41	74.0	33	98	.0	101	152	1.5	3.0	5.0	.	2	.	.2	1.0	193
2 KARENA;SWW	11	6.49	73.6	38	98	.5	108	153	.8	3.0	3.5	.	2	.	.2	3.0	194
3 AC RON;SWW	17	6.38	72.3	34	98	.5	110	152	2.3	3.0	5.0	.	1	.	.3	2.0	193
4 OAC ARISS;SWW	15	6.42	74.6	32	98	.5	99	153	2.5	6.0	5.0	.	1	.	.2	2.0	195
5 FUNDULEA;HRW	30	5.89	78.4	34	96	.0	103	153	2.3	1.5	5.0	.	1	.	.5	.0	192
6 MARILEE;SWW	18	6.32	73.5	42	97	.0	106	154	1.5	3.5	6.0	.	2	.	.5	1.0	195
7 FREEDOM;SRW	5	6.73	74.3	33	96	.0	98	151	1.0	.0	4.5	.	0	.	.4	.5	193
8 AC CARTIER;SWW	25	6.07	76.7	39	98	.0	106	153	1.5	.5	5.0	.	1	.	.0	1.5	195
9 AC MORLEY;HRW	19	6.29	77.8	33	98	1.0	114	152	.5	.5	3.0	.	1	.	1.0	.5	195
10 25W33;SWW-a	1	7.04	74.0	34	98	.0	90	149	1.0	1.0	3.5	.	1	.	.2	.5	193
11 HANOVER;HRW	31	5.80	74.1	40	97	.0	100	152	1.5	1.5	5.0	.	1	.	.4	2.5	195
12 MENDON;SRW	3	6.93	72.8	37	99	1.0	104	149	.3	3.0	6.0	.	0	.	.0	1.0	190
13 PATRIOT;HRW	28	5.99	77.5	41	98	.0	99	150	1.5	1.5	3.5	.	0	.	.1	1.5	190
14 2540;SRW-a	13	6.47	74.2	35	96	.5	98	150	1.8	4.5	4.0	.	2	.	.0	1.0	191
15 SUPERIOR;SWW	10	6.51	73.3	35	98	.0	100	153	.8	2.5	3.5	.	2	.	.5	3.0	195
16 25R26;SRW-a	5	6.73	74.7	38	97	.0	91	150	1.8	1.0	3.5	.	0	.	.1	.5	193
17 25W60;SWW-a	7	6.66	73.6	37	98	.0	94	148	1.8	2.0	5.5	.	0	.	.0	.0	190
18 AC MACKINNON;SWW	29	5.96	72.0	31	98	.0	103	151	2.3	6.5	6.0	.	2	.	.2	1.5	194
19 AC MOUNTAIN;SWW	23	6.17	72.5	36	97	.0	104	151	2.3	5.5	5.5	.	2	.	.4	2.5	191
20 AC ESSEX;SWW	27	6.04	72.6	32	97	.0	105	151	2.5	5.0	5.0	.	2	.	.4	1.5	191
21 AC DELTA;HRW-a	34	4.38	73.5	35	99	.5	121	158	2.3	2.0	4.0	.	14	.	.8	1.0	195
22 ASHLAND;SRW	20	6.24	73.1	31	97	.0	101	148	2.5	.5	3.5	.	0	.	.6	.0	193
23 MAXIM;HRW-a	22	6.18	77.8	43	96	.5	102	149	.3	2.5	3.5	.	1	.	.4	.0	191
24 CM951067;SRW	8	6.60	77.3	34	96	.0	98	152	2.3	2.0	3.5	.	0	.	.2	1.0	192
25 CALEDONIA;SWW	9	6.55	73.4	41	96	.0	96	150	1.0	1.0	3.5	.	2	.	.0	1.0	192
26 WISDOM;SRW	12	6.48	75.6	36	95	.0	97	148	.3	.0	4.0	.	0	.	.2	.0	190
27 TW95412;SPWW	4	6.74	74.8	36	97	.0	107	152	1.3	2.0	3.5	.	1	.	.0	1.0	194
28 RC98109;SRW	2	6.94	75.3	42	98	1.0	98	147	.3	1.5	4.5	.	1	.	.1	.5	190
29 FWB728;HRW	24	6.08	77.0	41	96	.0	93	150	2.5	.0	5.5	.	1	.	.1	.5	191
30 CM96097;HRW	21	6.22	77.0	46	99	.5	103	151	.8	.5	4.0	.	1	.	.7	.5	191
31 PLATINUM;HRW	33	5.16	78.3	36	96	.5	111	155	1.0	.0	3.5	.	6	.	.0	.5	196
32 CLARITY;SRW-a	25	6.07	75.4	37	97	1.0	98	149	.5	.0	5.0	.	0	.	.0	.0	191
33 WHITBY;SWW	14	6.43	72.7	35	96	1.0	110	153	1.3	1.0	4.5	.	1	.	.0	.0	196
34 WALKERTON;HRW	32	5.25	73.3	42	96	.0	99	160	.5	.0	3.5	.	12	.	.3	.0	199
MEANS		6.25	74.7	37	97	.3	102	151	1.4	2.0	4.4	.	02	.	.3	.9	193

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS



## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

LOCATION - WOODSTOCK  
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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
1 HARUS;SWW	25	6.73	71.1	32	.	.3	111	156	3.0	.	6.8	.	25	.	.	.	.
2 KARENA;SWW	30	6.18	68.6	30	.	1.3	115	157	3.0	.	5.0	.	40	.	.	.	.
3 AC RON;SWW	20	6.98	67.4	31	.	.3	115	157	3.8	.	5.8	.	40	.	.	.	.
4 OAC ARISS;SWW	27	6.61	71.1	28	.	1.5	109	159	5.0	.	7.5	.	30	.	.	.	.
5 FUNDULEA;HRW	32	5.87	73.0	28	.	.0	105	158	4.0	.	8.0	.	40	.	.	.	.
6 MARILEE;SWW	24	6.74	67.4	33	.	.8	110	156	3.5	.	6.8	.	40	.	.	.	.
7 FREEDOM;SRW	22	6.89	69.9	29	.	1.8	104	153	3.0	.	5.3	.	53	.	.	.	.
8 AC CARTIER;SWW	26	6.66	73.0	34	.	.0	119	157	2.9	.	6.0	.	38	.	.	.	.
9 AC MORLEY;SWW	17	7.12	76.1	34	.	1.3	119	156	2.5	.	4.0	.	30	.	.	.	.
10 25W33;SWW-a	8	7.95	69.2	27	.	.3	93	154	1.8	.	3.8	.	25	.	.	.	.
11 HANOVER;HRW	28	6.27	68.6	33	.	.0	106	157	4.5	.	6.0	.	50	.	.	.	.
12 MENDON;SRW	13	7.54	71.1	35	.	3.5	119	154	3.3	.	5.3	.	40	.	.	.	.
13 PATRIOT;HRW	14	7.51	76.1	36	.	.5	103	153	4.0	.	4.8	.	30	.	.	.	.
14 2540;SRW-a	18	7.11	73.0	34	.	.0	96	154	3.5	.	6.3	.	35	.	.	.	.
15 SUPERIOR;SWW	18	7.11	71.1	33	.	1.0	110	157	2.5	.	5.5	.	30	.	.	.	.
16 25R26;SRW-a	12	7.55	72.3	30	.	.3	95	155	4.0	.	4.8	.	25	.	.	.	.
17 25W60;SWW-a	6	8.21	73.6	34	.	.0	103	153	3.5	.	4.3	.	38	.	.	.	.
18 AC MACKINNON;SWW	16	7.20	69.9	29	.	.5	111	154	1.3	.	6.5	.	33	.	.	.	.
19 AC MOUNTAIN;SWW	15	7.28	69.2	30	.	.8	111	155	3.5	.	6.0	.	35	.	.	.	.
20 AC ESSEX;SWW	11	7.63	69.9	31	.	.3	113	155	3.5	.	6.0	.	35	.	.	.	.
21 AC DELTA;HRW-a	34	4.66	66.1	26	.	1.5	118	163	3.9	.	4.0	.	33	.	.	.	.
22 ASHLAND;SRW	23	6.79	70.5	28	.	1.3	103	153	5.0	.	6.3	.	38	.	.	.	.
23 MAXIM;HRW-a	2	8.45	77.3	38	.	.0	100	153	.0	.	4.8	.	25	.	.	.	.
24 CM951067;SRW	5	8.24	72.3	30	.	.3	101	156	3.8	.	3.5	.	23	.	.	.	.
25 CALEDONIA;SWW	9	7.89	71.1	33	.	.0	99	155	2.3	.	4.3	.	38	.	.	.	.
26 WISDOM;SRW	1	8.49	76.1	36	.	.8	105	152	3.5	.	4.3	.	38	.	.	.	.
27 TW95412;SPWW	7	8.07	71.7	32	.	1.0	115	157	2.8	.	4.0	.	30	.	.	.	.
28 RC98109;SRW	4	8.33	76.1	37	.	.0	101	151	.0	.	6.0	.	33	.	.	.	.
29 FWB728;HRW	29	6.21	73.0	35	.	.0	90	154	4.3	.	5.3	.	48	.	.	.	.
30 CM96097;HRW	3	8.42	76.1	42	.	.0	106	154	.0	.	5.0	.	43	.	.	.	.
31 PLATINUM;HRW	33	5.75	73.6	33	.	2.8	115	160	2.5	.	3.0	.	25	.	.	.	.
32 CLARITY;SRW-a	21	6.96	73.6	31	.	.5	108	155	1.8	.	7.3	.	28	.	.	.	.
33 WHITBY;SWW	10	7.81	71.7	36	.	2.0	113	158	3.0	.	5.8	.	33	.	.	.	.
34 WALKERTON;HRW	31	6.00	64.2	32	.	.5	101	165	.0	.	3.0	.	10	.	.	.	.
MEANS		7.15	71.6	32	.	.7	107	156	2.9	.	5.3	.	34	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

LOCATION - ELORA  
MANAGEMENT - NORMAL

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	*
1 HARUS;SWW	22	5.71	73.6	30	.	.0	119	162	3.5	.	3.8	.	25	.	.	.	.
2 KARENA;SWW	10	6.24	72.3	31	.	.3	120	162	3.3	.	3.5	.	15	.	.	.	.
3 AC RON;SWW	15	6.02	69.9	30	.	.5	121	162	5.5	.	3.8	.	28	.	.	.	.
4 OAC ARISS;SWW	26	5.35	72.3	27	.	.0	118	164	4.5	.	3.8	.	15	.	.	.	.
5 FUNDULEA;HRW	30	5.14	72.3	25	.	.0	100	164	6.3	.	5.3	.	23	.	.	.	.
6 MARILEE;SWW	24	5.58	66.1	29	.	.5	116	164	5.9	.	4.0	.	28	.	.	.	.
7 FREEDOM;SRW	17	5.95	71.1	27	.	.8	109	161	4.0	.	3.5	.	25	.	.	.	.
8 AC CARTIER;SWW	26	5.35	72.3	32	.	1.3	120	163	4.3	.	5.3	.	18	.	.	.	.
9 AC MORLEY;HRW	1	6.93	74.8	32	.	.0	121	162	2.5	.	2.8	.	15	.	.	.	.
10 25W33;SWW-a	15	6.02	69.2	25	.	.0	96	162	4.3	.	3.3	.	35	.	.	.	.
11 HANOVER;HRW	29	5.27	68.0	30	.	.0	103	162	4.9	.	5.0	.	25	.	.	.	.
12 MENDON;SRW	23	5.60	69.9	30	.	3.8	118	159	5.8	.	4.8	.	30	.	.	.	.
13 PATRIOT;HRW	28	5.31	76.1	33	.	.5	101	160	3.5	.	4.8	.	35	.	.	.	.
14 2540;SRW-a	31	5.06	68.0	35	.	.0	103	160	4.5	.	5.0	.	35	.	.	.	.
15 SUPERIOR;SWW	5	6.65	71.7	34	.	.8	119	162	3.4	.	3.5	.	20	.	.	.	.
16 25R26;SRW-a	21	5.72	70.5	28	.	.0	96	162	6.0	.	4.0	.	28	.	.	.	.
17 25W60;SWW-a	6	6.63	74.2	31	.	.0	106	157	4.0	.	3.8	.	25	.	.	.	.
18 AC MACKINNON;SWW	20	5.78	71.1	27	.	1.0	116	160	4.8	.	4.5	.	35	.	.	.	.
19 AC MOUNTAIN;SWW	11	6.23	69.9	28	.	1.0	120	162	5.3	.	3.8	.	30	.	.	.	.
20 AC ESSEX;SWW	12	6.14	71.1	29	.	.0	119	161	4.3	.	3.8	.	35	.	.	.	.
21 AC DELTA;HRW-a	34	4.07	64.2	28	.	.8	118	168	4.6	.	3.8	.	10	.	.	.	.
22 ASHLAND;SRW	25	5.57	70.5	27	.	.8	108	158	6.0	.	4.5	.	25	.	.	.	.
23 MAXIM;HRW-a	2	6.83	77.3	36	.	.0	101	159	.0	.	4.5	.	23	.	.	.	.
24 CM951067;SRW	12	6.14	72.3	31	.	.0	108	162	6.5	.	3.5	.	18	.	.	.	.
25 CALEDONIA;SWW	8	6.46	73.0	30	.	.0	101	162	5.3	.	3.3	.	30	.	.	.	.
26 WISDOM;SRW	3	6.73	74.8	31	.	.0	110	157	4.3	.	4.3	.	20	.	.	.	.
27 TW95412;SPWW	8	6.46	74.2	31	.	2.3	121	162	4.0	.	3.0	.	28	.	.	.	.
28 RC98109;SRW	4	6.67	76.1	33	.	1.5	106	156	.3	.	6.8	.	20	.	.	.	.
29 FWB728;HRW	32	4.83	74.8	34	.	.0	93	160	5.9	.	7.5	.	35	.	.	.	.
30 CM96097;HRW	7	6.59	76.1	41	.	.5	106	160	.3	.	4.0	.	23	.	.	.	.
31 PLATINUM;HRW	33	4.69	71.7	34	.	3.5	115	166	4.9	.	2.8	.	10	.	.	.	.
32 CLARITY;SRW-a	19	5.79	76.1	29	.	2.0	115	160	4.3	.	4.8	.	28	.	.	.	.
33 WHITBY;SWW	14	6.07	69.9	31	.	1.3	114	164	4.3	.	3.5	.	18	.	.	.	.
34 WALKERTON;HRW	18	5.81	61.1	35	.	.0	108	169	.0	.	2.3	.	8	.	.	.	.
MEANS		5.86	71.7	31	.	.7	111	162	4.1	.	4.1	.	24	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

LOCATION - HARRISTON  
 MANAGEMENT - NORMAL

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	*
1 HARUS;SWW	6	5.03	69.5	36	.	.	93	164	3.0	4.5	.	.	13	.	.	.	.
2 KARENA;SWW	2	5.27	67.9	33	.	.	101	164	3.5	4.5	.	.	10	.	.	.	.
3 AC RON;SWW	11	4.75	66.8	32	.	.	96	164	3.5	5.5	.	.	17	.	.	.	.
4 OAC ARISS;SWW	9	4.78	68.6	30	.	.	91	165	4.0	6.5	.	.	10	.	.	.	.
5 FUNDULEA;HRW	16	4.49	70.5	32	.	.	92	165	6.0	2.0	.	.	10	.	.	.	.
6 MARILEE;SWW	7	4.93	67.5	37	.	.	97	165	4.0	7.0	.	.	17	.	.	.	.
7 FREEDOM;SRW	3	5.21	69.1	34	.	.	92	163	3.0	1.0	.	.	17	.	.	.	.
8 AC CARTIER;SWW	29	3.77	69.2	34	.	.	101	166	2.5	3.0	.	.	20	.	.	.	.
9 AC MORLEY;HRW	11	4.75	72.7	36	.	.	99	164	1.5	1.5	.	.	13	.	.	.	.
10 25W33;SWW-a	14	4.69	67.1	30	.	.	85	163	3.5	2.0	.	.	10	.	.	.	.
11 HANOVER;HRW	27	3.95	66.8	32	.	.	90	165	5.5	7.0	.	.	23	.	.	.	.
12 MENDON;SRW	8	4.85	67.8	36	.	.	92	161	2.5	5.0	.	.	27	.	.	.	.
13 PATRIOT;HRW	32	3.55	71.5	38	.	.	86	162	3.5	2.0	.	.	33	.	.	.	.
14 2540;SRW-a	23	4.24	68.1	34	.	.	80	163	4.0	6.5	.	.	13	.	.	.	.
15 SUPERIOR;SWW	1	5.28	70.3	37	.	.	97	164	4.5	7.0	.	.	10	.	.	.	.
16 25R26;SRW-a	13	4.70	66.2	29	.	.	79	162	4.5	2.0	.	.	10	.	.	.	.
17 25W60;SWW-a	28	3.94	69.1	33	.	.	88	161	3.0	3.0	.	.	17	.	.	.	.
18 AC MACKINNON;SWW	25	4.09	66.2	30	.	.	92	162	2.0	8.0	.	.	17	.	.	.	.
19 AC MOUNTAIN;SWW	24	4.21	67.9	31	.	.	97	162	4.5	5.0	.	.	20	.	.	.	.
20 AC ESSEX;SWW	18	4.45	68.9	34	.	.	94	163	4.5	3.0	.	.	27	.	.	.	.
21 AC DELTA;HRW-a	34	2.72	70.1	36	.	.	102	170	2.5	4.0	.	.	10	.	.	.	.
22 ASHLAND;SRW	19	4.34	66.9	30	.	.	89	162	4.5	2.0	.	.	20	.	.	.	.
23 MAXIM;HRW-a	15	4.50	71.6	42	.	.	85	161	1.0	3.5	.	.	17	.	.	.	.
24 CM951067;SRW	22	4.28	70.8	33	.	.	86	165	5.5	3.0	.	.	10	.	.	.	.
25 CALEDONIA;SWW	25	4.09	66.2	35	.	.	83	162	2.5	6.0	.	.	30	.	.	.	.
26 WISDOM;SRW	21	4.31	68.3	30	.	.	86	161	3.5	.0	.	.	10	.	.	.	.
27 TW95412;SPWW	4	5.18	70.3	36	.	.	95	165	1.0	4.0	.	.	10	.	.	.	.
28 RC98109;SRW	5	5.16	70.2	35	.	.	88	160	.0	2.0	.	.	10	.	.	.	.
29 FWB728;HRW	30	3.75	68.5	33	.	.	82	162	3.5	1.0	.	.	40	.	.	.	.
30 CM96097;HRW	33	3.31	67.9	38	.	.	90	162	1.5	4.0	.	.	40	.	.	.	.
31 PLATINUM;HRW	31	3.71	70.4	38	.	.	102	168	2.5	4.0	.	.	20	.	.	.	.
32 CLARITY;SRW-a	17	4.47	70.9	30	.	.	89	162	2.5	5.5	.	.	10	.	.	.	.
33 WHITBY;SWW	10	4.77	67.5	36	.	.	95	165	2.0	2.5	.	.	10	.	.	.	.
34 WALKERTON;HRW	19	4.34	67.8	43	.	.	91	172	.0	1.0	.	.	3	.	.	.	.
MEANS		4.41	68.8	34	.	.	91	164	3.1	3.8	.	.	17	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

LOCATION - BATH  
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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS;SWW	21	4.61	74.6	42	98	.3	104	.	.	.	.	.	.	.	.	.
2 KARENA;SWW	2	5.17	73.8	40	98	1.0	105	.	.	.	.	.	.	.	.	.
3 AC RON;SWW	5	5.01	73.1	42	96	.3	106	.	.	.	.	.	.	.	.	.
4 OAC ARISS;SWW	6	4.98	75.6	39	99	.5	99	.	.	.	.	.	.	.	.	.
5 FUNDULEA;HRW	22	4.60	79.6	37	96	.0	101	.	.	.	.	.	.	.	.	.
6 MARILEE;SWW	11	4.83	73.5	47	96	.0	104	.	.	.	.	.	.	.	.	.
7 FREEDOM;SRW	13	4.79	76.1	36	94	.5	98	.	.	.	.	.	.	.	.	.
8 AC CARTIER;SWW	17	4.70	76.6	46	96	.3	106	.	.	.	.	.	.	.	.	.
9 AC MORLEY;HRW	19	4.66	78.9	42	99	2.0	114	.	.	.	.	.	.	.	.	.
10 25W33;SWW-a	18	4.67	74.1	37	93	.3	86	.	.	.	.	.	.	.	.	.
11 HANOVER;HRW	29	4.26	75.4	39	100	.0	101	.	.	.	.	.	.	.	.	.
12 MENDON;SRW	7	4.96	75.4	44	100	.5	103	.	.	.	.	.	.	.	.	.
13 PATRIOT;HRW	32	4.10	77.4	40	96	.0	94	.	.	.	.	.	.	.	.	.
14 2540;SRW-a	22	4.60	75.6	40	96	.0	90	.	.	.	.	.	.	.	.	.
15 SUPERIOR;SWW	20	4.65	76.4	41	99	.0	99	.	.	.	.	.	.	.	.	.
16 25R26;SRW-a	2	5.17	74.6	36	98	.0	83	.	.	.	.	.	.	.	.	.
17 25W60;SWW-a	9	4.86	73.5	40	99	.5	94	.	.	.	.	.	.	.	.	.
18 AC MACKINNON;SWW	31	4.18	69.6	38	100	.8	94	.	.	.	.	.	.	.	.	.
19 AC MOUNTAIN;SWW	14	4.72	73.9	42	99	.3	99	.	.	.	.	.	.	.	.	.
20 AC ESSEX;SWW	27	4.30	76.0	41	100	.3	101	.	.	.	.	.	.	.	.	.
21 AC DELTA;HRW-a	28	4.29	76.9	40	100	.8	120	.	.	.	.	.	.	.	.	.
22 ASHLAND;SRW	1	5.57	74.8	40	98	.0	98	.	.	.	.	.	.	.	.	.
23 MAXIM;HRW-a	30	4.19	78.5	39	96	1.0	90	.	.	.	.	.	.	.	.	.
24 CM951067;SRW	4	5.09	78.7	41	99	.0	94	.	.	.	.	.	.	.	.	.
25 CALEDONIA;SWW	25	4.33	74.6	41	94	.0	86	.	.	.	.	.	.	.	.	.
26 WISDOM;SRW	15	4.71	75.0	36	100	.0	93	.	.	.	.	.	.	.	.	.
27 TW95412;SPWW	8	4.88	75.8	38	98	.0	100	.	.	.	.	.	.	.	.	.
28 RC98109;SRW	12	4.80	77.0	39	99	.5	90	.	.	.	.	.	.	.	.	.
29 FWB728;HRW	33	3.62	78.2	39	84	.0	89	.	.	.	.	.	.	.	.	.
30 CM96097;HRW	26	4.32	75.8	47	96	.3	100	.	.	.	.	.	.	.	.	.
31 PLATINUM;HRW	24	4.56	80.0	41	100	1.0	115	.	.	.	.	.	.	.	.	.
32 CLARITY;SRW-a	15	4.71	76.5	35	100	.0	101	.	.	.	.	.	.	.	.	.
33 WHITBY;SWW	10	4.85	72.2	42	95	.8	106	.	.	.	.	.	.	.	.	.
34 WALKERTON;HRW	34	3.38	75.7	38	73	.0	98	.	.	.	.	.	.	.	.	.
MEANS		4.62	75.7	40	96	.4	99	.	.	.	.	.	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

LOCATION - KEMPTVILLE\*\*  
 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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS;SWW	5.80	77.7	42	.	1.0	106	171	.	.	.	.	.	.	.	.	.	.
2 KARENA;SWW	5.99	77.6	42	.	1.0	113	172	.	.	.	.	.	.	.	.	.	.
3 AC RON;SWW	5.38	78.3	43	.	1.0	107	170	.	.	.	.	.	.	.	.	.	.
4 OAC ARISS;SWW	6.08	76.8	38	.	2.5	102	173	.	.	.	.	.	.	.	.	.	.
5 FUNDULEA;HRW	4.89	78.3	35	.	2.0	101	172	.	.	.	.	.	.	.	.	.	.
6 MARILEE;SWW	6.04	73.9	43	.	1.8	104	173	.	.	.	.	.	.	.	.	.	.
7 FREEDOM;SRW	6.02	75.7	38	.	1.5	98	170	.	.	.	.	.	.	.	.	.	.
8 AC CARTIER;SWW	6.16	80.4	45	.	1.0	111	170	.	.	.	.	.	.	.	.	.	.
9 AC MORLEY;HRW	5.93	79.4	43	.	1.3	118	171	.	.	.	.	.	.	.	.	.	.
10 25W33;SWW-a	5.29	73.0	36	.	1.0	87	171	.	.	.	.	.	.	.	.	.	.
11 HANOVER;HRW	4.68	75.6	40	.	3.8	98	171	.	.	.	.	.	.	.	.	.	.
12 MENDON;SRW	6.00	76.1	43	.	2.5	108	167	.	.	.	.	.	.	.	.	.	.
13 PATRIOT;HRW	5.85	79.7	41	.	1.5	101	169	.	.	.	.	.	.	.	.	.	.
14 2540;SRW-a	5.60	76.9	42	.	1.0	89	170	.	.	.	.	.	.	.	.	.	.
15 SUPERIOR;SWW	5.40	74.9	43	.	1.0	101	172	.	.	.	.	.	.	.	.	.	.
16 25R26;SRW-a	5.19	76.1	37	.	1.0	86	171	.	.	.	.	.	.	.	.	.	.
17 25W60;SWW-a	5.49	77.0	40	.	2.0	94	168	.	.	.	.	.	.	.	.	.	.
18 AC MACKINNON;SWW	6.20	75.6	42	.	1.8	103	169	.	.	.	.	.	.	.	.	.	.
19 AC MOUNTAIN;SWW	6.15	76.3	42	.	1.5	101	170	.	.	.	.	.	.	.	.	.	.
20 AC ESSEX;SWW	6.42	75.8	44	.	1.5	103	169	.	.	.	.	.	.	.	.	.	.
21 AC DELTA;HRW-a	5.48	80.4	40	.	1.0	122	175	.	.	.	.	.	.	.	.	.	.
22 ASHLAND;SRW	5.63	77.0	38	.	1.3	96	168	.	.	.	.	.	.	.	.	.	.
23 MAXIM;HRW-a	5.52	80.3	43	.	1.3	92	169	.	.	.	.	.	.	.	.	.	.
24 CM951067;SRW	5.55	78.8	38	.	1.0	94	172	.	.	.	.	.	.	.	.	.	.
25 CALEDONIA;SWW	5.20	76.3	41	.	1.5	91	172	.	.	.	.	.	.	.	.	.	.
26 WISDOM;SRW	5.93	80.5	39	.	2.8	93	168	.	.	.	.	.	.	.	.	.	.
27 TW95412;SPWW	6.25	77.9	43	.	1.8	107	172	.	.	.	.	.	.	.	.	.	.
28 RC98109;SRW	5.68	77.9	42	.	2.3	99	167	.	.	.	.	.	.	.	.	.	.
29 FWB728;HRW	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30 CM96097;HRW	5.22	77.2	45	.	1.0	106	170	.	.	.	.	.	.	.	.	.	.
31 PLATINUM;HRW	5.06	81.8	39	.	1.0	113	174	.	.	.	.	.	.	.	.	.	.
32 CLARITY;SRW-a	6.19	77.9	38	.	1.0	103	170	.	.	.	.	.	.	.	.	.	.
33 WHITBY;SWW	4.76	73.4	40	.	2.5	106	172	.	.	.	.	.	.	.	.	.	.
34 WALKERTON;HRW	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
MEANS	5.66	77.3	41	.	1.5	102	170	.	.	.	.	.	.	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

\*\* DATA FROM KEMPTVILLE ARE PROVIDED FOR INFORMATION ONLY AND, DUE TO MISSING ENTRIES, ARE NOT PART OF ANY SUMMARY IN THIS REPORT.

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2000

LOCATION - OTTAWA\*\*  
 MANAGEMENT - NORMAL

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	*
1 HARUS;SWW	.	.	.	5	.	.	.	.	.	.	.	.	.	.	.	.
2 KARENA;SWW	.	.	.	35	.	.	.	.	.	.	.	.	.	.	.	.
3 AC RON;SWW	.	.	.	26	.	.	.	.	.	.	.	.	.	.	.	.
4 OAC ARISS;SWW	.	.	.	37	.	.	.	.	.	.	.	.	.	.	.	.
5 FUNDULEA;HRW	.	.	.	10	.	.	.	.	.	.	.	.	.	.	.	.
6 MARILEE;SWW	.	.	.	24	.	.	.	.	.	.	.	.	.	.	.	.
7 FREEDOM;SRW	.	.	.	39	.	.	.	.	.	.	.	.	.	.	.	.
8 AC CARTIER;SWW	.	.	.	60	.	.	.	.	.	.	.	.	.	.	.	.
9 AC MORLEY;HRW	.	.	.	23	.	.	.	.	.	.	.	.	.	.	.	.
10 25W33;SWW-a	.	.	.	14	.	.	.	.	.	.	.	.	.	.	.	.
11 HANOVER;HRW	.	.	.	43	.	.	.	.	.	.	.	.	.	.	.	.
12 MENDON;SRW	.	.	.	26	.	.	.	.	.	.	.	.	.	.	.	.
13 PATRIOT;HRW	.	.	.	28	.	.	.	.	.	.	.	.	.	.	.	.
14 2540;SRW-a	.	.	.	19	.	.	.	.	.	.	.	.	.	.	.	.
15 SUPERIOR;SWW	.	.	.	40	.	.	.	.	.	.	.	.	.	.	.	.
16 25R26;SRW-a	.	.	.	35	.	.	.	.	.	.	.	.	.	.	.	.
17 25W60;SWW-a	.	.	.	13	.	.	.	.	.	.	.	.	.	.	.	.
18 AC MACKINNON;SWW	.	.	.	25	.	.	.	.	.	.	.	.	.	.	.	.
19 AC MOUNTAIN;SWW	.	.	.	41	.	.	.	.	.	.	.	.	.	.	.	.
20 AC ESSEX;SWW	.	.	.	40	.	.	.	.	.	.	.	.	.	.	.	.
21 AC DELTA;HRW-a	.	.	.	61	.	.	.	.	.	.	.	.	.	.	.	.
22 ASHLAND;SRW	.	.	.	14	.	.	.	.	.	.	.	.	.	.	.	.
23 MAXIM;HRW-a	.	.	.	18	.	.	.	.	.	.	.	.	.	.	.	.
24 CM951067;SRW	.	.	.	9	.	.	.	.	.	.	.	.	.	.	.	.
25 CALEDONIA;SWW	.	.	.	0	.	.	.	.	.	.	.	.	.	.	.	.
26 WISDOM;SRW	.	.	.	6	.	.	.	.	.	.	.	.	.	.	.	.
27 TW95412;SPWW	.	.	.	16	.	.	.	.	.	.	.	.	.	.	.	.
28 RC98109;SRW	.	.	.	35	.	.	.	.	.	.	.	.	.	.	.	.
29 FWB728;HRW	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.
30 CM96097;HRW	.	.	.	25	.	.	.	.	.	.	.	.	.	.	.	.
31 PLATINUM;HRW	.	.	.	63	.	.	.	.	.	.	.	.	.	.	.	.
32 CLARITY;SRW-a	.	.	.	32	.	.	.	.	.	.	.	.	.	.	.	.
33 WHITBY;SWW	.	.	.	48	.	.	.	.	.	.	.	.	.	.	.	.
34 WALKERTON;HRW	.	.	.	0	.	.	.	.	.	.	.	.	.	.	.	.
MEANS	.	.	.	27	.	.	.	.	.	.	.	.	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

\*\* WINTER SURVIVAL DATA FROM OTTAWA ARE PROVIDED FOR INFORMATION ONLY AND ARE NOT PART OF ANY SUMMARY IN THIS REPORT. COEFFICIENT OF VARIANCE (CV) FOR WINTER SURVIVAL = 73% ,  
 LEAST SIGNIFICANT DIFFERENCE (LSD) = 27.

## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 2000

## INDEX

DESCRIPTION OF VARIETIES.....	90
DETAILS OF LOCATIONS.....	91
YIELD INDEX SUMMARIES (8,5,4,3 YRS).....	92
YIELD INDEX SUMMARIES (2,1 YEAR).....	93
RELATIVE YIELDS ACROSS LOCATIONS.....	94
8 YEAR TRAIT SUMMARIES.....	96
5 YEAR TRAIT SUMMARIES.....	97
4 YEAR TRAIT SUMMARIES.....	99
3 YEAR TRAIT SUMMARIES.....	101
2 YEAR TRAIT SUMMARIES.....	103
1 YEAR TRAIT SUMMARIES.....	105
2000 TRIAL STATISTICS.....	107
2000 TRIAL DETAILS.....	108
WESTERN DURUM REGISTRATION TRIAL 2000.....	111

## 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 ABBREVIATION

HRS	- HARD RED SPRING
-a	- awned

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## LOCATIONS ABBREVIATIONS

BG	BEACHBURG
EA	ELORA
EO	EMO
HN	HARRISTON
IR	ST. ISIDORE
KE	KEMPTVILLE
KG	KAPUSKASING
NL	NEW LISKEARD
O1	OTTAWA-1
WR	WINCHESTER
WP	WINTHROP

## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 2000

DESCRIPTION OF VARIETIES/LINES TESTED

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

- \*Celtic;HRS-a: Agripro - Hyland Seeds, W.G.Thompson & Sons Ltd.  
- 04/1993, 3758, Regional Registration for Nfld,PEI,NS,NB,ON,PQ.
- \*Pacific;HRS: BW90 - RL4302/RL4356//RL4359/RL4353 - Agriculture & Agri-Food Canada  
Winnipeg, Manitoba - Univ.of Guelph/C&M Seeds - 11/1994, 4008,  
Regional Registration for Nfld,PEI,NS,NB,ON.
- Quantum;HRS-a: CM93609 - line BWS-01/line WBF16-3-2 - Pflanzenzucht,  
Oberlimpurg, GDR - C&M Seeds - 03/1996,I-194,Interim Regional  
Registration for Nfld,PEI,NS,NB,ON,PQ.
- \*AC Brio;HRS: QW547:31 - Columbus/S68147//Laval19/Columbus - Dubuc, Agriculture  
& Agri-Food Canada, Ste.Foy, PQ - C & M Seeds - 12/96,4427 -  
Regional Registration for Nfld,PEI,NS,NB,ON,PQ.
- \*AC Taho;HRS: CM:RL4719 - BW121/Roblin - Agriculture & Agri-Food Can.,Winnipeg,MB  
- C&M Seeds - 07/1998, 4792. Full Registration for Canada.
- AC Drummond;HRS-a: QW534.14 - Bluesky,Laval,Mondor,Casavant,Messier,QW1.32  
composite - J.C.Dubuc, Agriculture & Agri-Food Canada,  
Ste.Foy, PQ - Semican, Plessisville PQ - 3/97, 4591,  
Regional Registaion for Nfld,PEI,NS,NB,ON,PQ.
- \*AC Intrepid-HRS : BW693 - Laura/RL4596//CDC Teal - R.Depauw, Semiarid Prairie  
Agricultural Research Centre, Agriculture & Agri-Food Canada,  
Swift Current - Canterra Seeds/Advantage Seed Growers and  
Processors Inc.- 1997 Regional Registration for all provinces  
except Quebec.
- CM953105;HRS: N91-3051/AC Foremost - Agripro - C&M Seeds - not registered.
- AC Helena;HRS: AW356 - QW534.40/3/Gamenya/Kolibri//Concens - Hans Nass, CFIA,  
Charlottetown - Hyland Seeds, W.G.Thompson & Sons Ltd.- Full  
Registraion.

\* Good samples of these varieties have been widely accepted by the milling industry.  
Some varieties are not accepted by some wheat board agents and/or flour mills due  
to unique quality traits. Consult the OWPMB or the variety sponsor for further details.



## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

## LOCATIONS REPORTING YIELD IN EACH AREA FROM 1993 TO 2000

## AREA II:

1993: WINTHROP, ELORA, HARRISTON.  
 1994: WINTHROP, ELORA, HARRISTON.  
 1995: WINTHROP, ELORA, HARRISTON.  
 1996: WINTHROP, ELORA, HARRISTON.  
 1997: WINTHROP, ELORA, HARRISTON.  
 1998: WINTHROP, ELORA, HARRISTON.  
 1999: WINTHROP, ELORA, HARRISTON.  
 2000: WINTHROP, ELORA, HARRISTON.

## AREA III:

1993: OTTAWA-1.  
 1994: KEMPTVILLE, OTTAWA-1.  
 1995: KEMPTVILLE, OTTAWA-1.  
 1996: KEMPTVILLE, OTTAWA-1.  
 1997: KEMPTVILLE, OTTAWA-1.  
 1998: KEMPTVILLE, OTTAWA-1.  
 1999: WINCHESTER, OTTAWA-1, BEACHBURG (UNOFFICIAL SITE).  
 2000: WINCHESTER, OTTAWA-1, BEACHBURG (UNOFFICIAL SITE),  
 ST. ISIDORE (UNOFFICIAL SITE).

## AREA V:

1993: NEW LISKEARD.  
 1994: NEW LISKEARD, EMO.  
 1995: NEW LISKEARD, EMO.  
 1996: NO LOCATIONS WITH VALID DATA.  
 1997: NEW LISKEARD.  
 1998: NEW LISKEARD.  
 1999: NEW LISKEARD.  
 2000: NEW LISKEARD, EMO (UNOFFICIAL SITE).

## AREA VI:

2000: KAPUSKASING (UNOFFICIAL SITE)

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD

YEAR(S): 1993-2000

KEY NAME	AREA II (24)*	AREA III (18)	AREA V&VI (11)	PROV. (53)**
1 CELTIC	97.6	96.7	98.5	97.5
2 PACIFIC	102.4	103.3	101.5	102.5
OVERALL MEAN	3.22	3.59	4.03	3.51

YEAR(S): 1996-2000

KEY NAME	AREA II (15)*	AREA III (13)	AREA V&VI (6)	PROV. (34)**
1 CELTIC	93.3	91.1	98.5	93.4
2 PACIFIC	97.6	100.9	96.8	98.8
3 QUANTUM	117.1	104.5	103.2	109.8
4 AC BRIO	91.9	103.5	101.6	98.0
OVERALL MEAN	3.40	3.53	4.46	3.64

YEAR(S): 1997-2000

KEY NAME	AREA II (12)*	AREA III (11)	AREA V&VI (6)	PROV. (29)**
1 CELTIC	94.3	94.0	98.3	95.0
2 PACIFIC	98.0	100.6	96.7	98.7
3 QUANTUM	119.1	104.3	103.0	110.2
4 AC BRIO	90.8	102.6	101.4	97.5
5 AC TAHO	97.7	98.6	100.6	98.6
OVERALL MEAN	3.20	3.41	4.47	3.54

YEAR(S): 1998-2000

KEY NAME	AREA II (9)*	AREA III (9)	AREA V&VI (5)	PROV. (23)**
1 CELTIC	93.9	95.2	96.9	95.1
2 PACIFIC	99.1	101.3	96.6	99.4
3 QUANTUM	122.0	103.9	104.0	111.0
4 AC BRIO	90.4	102.0	103.0	97.7
5 AC TAHO	99.3	98.4	101.2	99.4
6 AC DRUMMOND	95.4	99.2	98.2	97.5
OVERALL MEAN	3.02	3.24	4.76	3.48

+ THERE WERE NO AREA V LOCATIONS IN 1996

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

YEAR(S): 1999-2000

KEY NAME	AREA II (6)*	AREA III (7)	AREA V&VI (4)	PROV. (17)**
1 CELTIC	93.4	101.6	96.9	97.6
2 PACIFIC	103.1	100.6	96.3	100.5
3 QUANTUM	121.8	104.8	106.3	111.1
4 AC BRIO	93.9	103.0	103.0	99.8
5 AC TAHO	101.5	98.8	101.1	100.3
6 AC DRUMMOND	97.5	96.0	98.2	97.0
7 AC INTREPID	88.9	95.2	98.2	93.7
OVERALL MEAN	3.43	3.51	4.86	3.80

YEAR : 2000

KEY NAME	AREA II (3)*	AREA III (4)	AREA V&VI (3)	PROV. (10)**
1 CELTIC	90.0	105.7	95.1	97.8
2 PACIFIC	104.7	107.4	92.3	102.1
3 QUANTUM	123.7	102.4	108.6	110.6
4 AC BRIO	94.8	101.0	104.3	100.1
5 AC TAHO	101.9	101.8	101.7	101.8
6 AC DRUMMOND	93.4	88.8	95.8	92.3
7 AC INTREPID	91.0	97.6	96.6	95.3
8 CM953105	100.6	114.9	109.7	109.0
9 AC HELENA	99.9	80.5	96.0	90.9
OVERALL MEAN	2.95	3.14	4.85	3.60

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

## DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD  
 YEAR : 1993-1999  
 AREA(S): 2 - 5

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	EA93N	O193N	NL93N	WP93N	HN93N	EA96N	HN96N	WP96N	O196N	KE96N
1 CELTIC	86	103	94	99	102	92	93	89	79	76
2 PACIFIC	114	97	106	101	98	97	101	96	109	100
3 QUANTUM	.	.	.	.	.	108	113	114	108	107
4 AC BRIO	.	.	.	.	.	102	93	101	104	117
5 AC TAHO	.	.	.	.	.	.	.	.	.	.
6 AC DRUMMOND	.	.	.	.	.	.	.	.	.	.
7 AC INTREPID	.	.	.	.	.	.	.	.	.	.
8 CM953105	.	.	.	.	.	.	.	.	.	.
9 AC HELENA	.	.	.	.	.	.	.	.	.	.
LOCATION MEAN	2.92	5.06	4.85	2.53	3.97	4.22	4.33	3.86	4.63	3.74

KEY NAME	EA96N	HN96N	WP96N	O196N	KE96N	WP97N	EA97N	HN97N	KE97N	O197N
1 CELTIC	92	93	89	79	76	104	95	96	88	92
2 PACIFIC	97	101	96	109	100	95	99	99	97	100
3 QUANTUM	108	113	114	108	107	112	117	113	106	107
4 AC BRIO	102	93	101	104	117	99	91	92	110	101
5 AC TAHO	.	.	.	.	.	90	97	100	99	101
6 AC DRUMMOND	.	.	.	.	.	.	.	.	.	.
7 AC INTREPID	.	.	.	.	.	.	.	.	.	.
8 CM953105	.	.	.	.	.	.	.	.	.	.
9 AC HELENA	.	.	.	.	.	.	.	.	.	.
LOCATION MEAN	4.22	4.33	3.86	4.63	3.74	3.64	3.97	3.40	5.10	3.20

KEY NAME	WP97N	EA97N	HN97N	KE97N	O197N	NL97N	WP98N	EA98N	HN98N	KE98N
1 CELTIC	104	95	96	88	92	107	91	95	110	59
2 PACIFIC	95	59	99	97	100	98	87	102	96	120
3 QUANTUM	112	117	113	106	107	100	127	130	123	101
4 AC BRIO	99	91	92	110	101	95	99	73	88	94
5 AC TAHO	90	97	100	99	101	99	97	99	100	111
6 AC DRUMMOND	.	.	.	.	.	.	100	101	82	115
7 AC INTREPID	.	.	.	.	.	.	.	.	.	.
8 CM953105	.	.	.	.	.	.	.	.	.	.
9 AC HELENA	.	.	.	.	.	.	.	.	.	.
LOCATION MEAN	3.64	3.97	3.40	5.10	3.20	2.93	1.73	2.44	2.09	2.26

KEY NAME	O198N	NL98N	WP99N	EA99N	HN99N	BG99N	O199N	WR99N	NL99N
1 CELTIC	92	98	92	95	104	98	96	98	100
2 PACIFIC	93	99	109	93	102	91	95	92	106
3 QUANTUM	105	96	126	106	128	103	116	108	96
4 AC BRIO	109	104	91	100	88	111	107	102	97
5 AC TAHO	89	103	104	101	99	99	93	96	97
6 AC DRUMMOND	112	100	100	109	95	106	103	109	103
7 AC INTREPID	.	.	78	96	86	92	91	96	100
8 CM953105	.	.	.	.	.	.	.	.	.
9 AC HELENA	.	.	.	.	.	.	.	.	.
LOCATION MEAN	2.10	4.29	3.03	4.98	3.71	3.60	3.23	5.11	5.04

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

## DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD  
 YEAR : 2000  
 AREA(S): 2 - 6

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WPOON	EAOON	HNOON	O1OON	BGOON	IROON	WROON	NLOON	EOOON	KGOON
1 CELTIC	92	86	92	112	101	98	111	93	107	86
2 PACIFIC	102	103	109	96	101	106	127	84	100	93
3 QUANTUM	116	105	150	113	104	91	101	117	103	106
4 AC BRIO	100	104	81	90	98	110	106	105	107	101
5 AC TAHO	101	104	100	89	102	112	104	103	104	98
6 AC DRUMMOND	101	99	80	95	109	88	63	87	102	98
7 AC INTREPID	88	93	92	100	84	101	105	99	96	95
8 CM953105	92	95	115	132	99	109	120	109	118	102
9 AC HELENA	109	111	79	73	101	87	61	103	63	122
LOCATION MEAN	2.64	3.58	2.63	2.97	2.63	4.73	2.24	5.23	4.62	4.70

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

YEAR(S): 1993-2000

TRAIT : YIELD (T/HA)

KEY NAME	AREA II (24)*	AREA III (18)	AREA V&VI (11)	PROV. (53)**
1 CELTIC	3.14	3.50	3.97	3.43
2 PACIFIC	3.29	3.68	4.09	3.59
OVERALL MEAN	3.22	3.59	4.03	3.51

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II (24)*	AREA III (18)	AREA V&6 (11)	PROV. (53)**
1 CELTIC	97.6	96.7	98.5	97.5
2 PACIFIC	102.4	103.3	101.5	102.5
OVERALL MEAN	3.22	3.59	4.03	3.51

+ THERE WERE NO AREA V LOCATIONS IN 1996

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

YEAR(S): 1993-2000

AREA : 2

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 CELTIC	2 3.14	74.4	36	1.2	84	55	3.1	0.5	3.7	1.6	9.9	.	1.2	0.8	90
2 PACIFIC	1 3.29	73.8	33	2.8	102	55	1.7	0.9	3.4	2.2	5.7	.	2.8	1.5	89
LOCATIONS	24	24	24	11	24	24	20	8	15	3	8	0	2	3	5

YEAR(S): 1993-2000

AREA : 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 CELTIC	2 3.50	78.3	33	2.3	81	54	3.3	2.3	.	.	20.1	.	.	.	85
2 PACIFIC	1 3.68	79.7	34	4.1	99	54	0.6	1.3	.	.	16.2	.	.	.	83
LOCATIONS	18	18	18	9	14	14	1	1	0	0	2	0	0	0	2

YEAR(S): 1993-2000

AREA : 5 &amp; 6

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 CELTIC	2 3.97	74.8	34	1.2	83	55	.	0.0	3.2	.	.	.	0.5	0.0	108
2 PACIFIC	1 4.09	75.0	34	1.7	101	56	.	0.0	3.4	.	.	.	0.5	0.0	106
LOCATIONS	11	12	12	8	12	8	0	1	2	0	0	0	1	1	8

YEAR(S): 1993-2000

AREA(S): 2 - 6

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 CELTIC	2 3.43	75.8	35	1.5	83	55	3.1	0.7	3.6	1.6	12.0	.	1.0	0.6	99
2 PACIFIC	1 3.59	76.1	34	2.9	101	55	1.7	0.8	3.4	2.2	7.8	.	2.0	1.1	97
LOCATIONS	53	54	54	28	50	46	21	10	17	3	10	0	3	4	15

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

YEAR(S): 1996-2000

TRAIT : YIELD (T/HA)

KEY NAME	AREA II (15)*	AREA III (13)	AREA V&VI (6)	PROV. (34)**
1 CELTIC	3.18	3.23	4.37	3.41
2 PACIFIC	3.33	3.53	4.31	3.58
3 QUANTUM	3.93	3.69	4.62	3.96
4 AC BRIO	3.16	3.68	4.55	3.60
OVERALL MEAN	3.40	3.53	4.46	3.64

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II (15)*	AREA III (13)	AREA V&VI (6)	PROV. (34)**
1 CELTIC	93.3	91.1	98.5	93.4
2 PACIFIC	97.6	100.9	96.8	98.8
3 QUANTUM	117.1	104.5	103.2	109.8
4 AC BRIO	91.9	103.5	101.6	98.0
OVERALL MEAN	3.40	3.53	4.46	3.64

+ THERE WERE NO AREA V LOCATIONS IN 1996

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

YEAR(S): 1996-2000

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	3	3.18	74.1	37	1.0	83	55	3.1	0.5	3.7	2.0	12.6	.	1.2	0.0	90
2 PACIFIC	2	3.33	73.1	34	2.6	101	55	1.8	0.5	3.7	3.0	6.8	.	2.8	0.0	89
3 QUANTUM	1	3.93	75.6	41	1.0	89	54	0.2	2.6	3.3	2.0	7.1	.	2.0	0.0	87
4 AC BRIO	4	3.16	73.6	36	1.0	97	57	4.4	1.3	5.2	5.5	7.9	.	2.0	1.0	91
LOCATIONS		15	14	14	7	15	15	12	7	8	1	6	0	2	1	4

YEAR(S): 1996-2000

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	4	3.23	77.9	33	3.5	81	54	3.3	2.3	.	.	20.1	.	.	.	85
2 PACIFIC	3	3.53	79.3	33	4.5	98	54	0.6	1.3	.	.	16.2	.	.	.	83
3 QUANTUM	1	3.69	79.1	37	1.7	82	52	0.5	5.0	.	.	15.1	.	.	.	83
4 AC BRIO	2	3.68	78.8	36	3.8	93	55	5.1	4.3	.	.	17.5	.	.	.	85
LOCATIONS		13	13	13	6	10	10	1	1	0	0	2	0	0	0	2

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

YEAR(S): 1996-2000  
 MGMT : NORMAL  
 AREA : 5 & 6

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	3	4.37	75.8	35	1.3	85	58	.	0.0	0.0	.	.	.	0.5	0.0	112
2 PACIFIC	4	4.31	75.8	35	1.8	102	58	.	0.0	0.0	.	.	.	0.5	0.0	109
3 QUANTUM	1	4.62	76.7	40	0.8	86	57	.	0.0	0.5	.	.	.	0.0	0.0	110
4 AC BRIO	2	4.55	75.7	38	0.5	100	59	.	4.0	0.0	.	.	.	0.0	0.5	111
LOCATIONS		6	6	6	4	6	4	0	1	1	0	0	0	1	1	6

YEAR(S): 1996-2000  
 MGMT : NORMAL  
 AREA(S): 2 - 6

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	4	3.41	75.9	35	2.0	83	55	3.1	0.7	3.3	2.0	14.5	.	1.0	0.0	100
2 PACIFIC	3	3.58	76.0	34	3.1	100	55	1.7	0.6	3.3	3.0	9.1	.	2.0	0.0	98
3 QUANTUM	1	3.96	77.2	39	1.2	86	54	0.3	2.6	3.0	2.0	9.1	.	1.3	0.0	98
4 AC BRIO	2	3.60	76.0	36	1.9	96	56	4.5	1.9	4.6	5.5	10.3	.	1.3	0.8	100
LOCATIONS		34	33	33	17	31	29	13	9	9	1	8	0	3	2	12

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



## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

YEAR(S): 1997-2000

TRAIT : YIELD (T/HA)

KEY NAME	AREA II (12)*	AREA III (11)	AREA V&VI (6)	PROV. (29)**
1 CELTIC	3.02	3.22	4.37	3.38
2 PACIFIC	3.14	3.38	4.31	3.47
3 QUANTUM	3.76	3.54	4.62	3.86
4 AC BRIO	2.93	3.52	4.55	3.49
5 AC TAHO	3.13	3.37	4.50	3.50
OVERALL MEAN	3.20	3.41	4.47	3.54

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II (12)*	AREA III (11)	AREA V&VI (6)	PROV. (29)**
1 CELTIC	94.3	94.0	98.3	95.0
2 PACIFIC	98.0	100.6	96.7	98.7
3 QUANTUM	119.1	104.3	103.0	110.2
4 AC BRIO	90.8	102.6	101.4	97.5
5 AC TAHO	97.7	98.6	100.6	98.6
OVERALL MEAN	3.20	3.41	4.47	3.54

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

YEAR(S): 1997-2000

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	4	3.02	73.2	36	1.4	82	55	3.4	0.6	3.2	2.0	24.2	.	1.2	0.0	87
2 PACIFIC	2	3.14	71.9	32	2.4	99	55	1.8	0.4	3.2	3.0	12.1	.	2.8	0.0	85
3 QUANTUM	1	3.76	74.8	40	1.1	88	54	0.3	3.1	2.5	2.0	13.6	.	2.0	0.0	83
4 AC BRIO	5	2.93	73.0	34	1.2	94	57	4.7	1.4	4.5	5.5	15.1	.	2.0	1.0	87
5 AC TAHO	3	3.13	71.7	33	1.3	92	56	3.1	0.4	3.6	4.0	22.8	.	2.2	0.0	86
LOCATIONS		12	11	11	5	12	12	10	4	5	1	3	0	2	1	2

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

YEAR(S): 1997-2000  
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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	5	3.22	77.2	33	3.5	79	54	.	2.3	.	.	20.1	.	.	.	85
2 PACIFIC	3	3.38	78.6	33	4.6	94	53	.	1.3	.	.	16.2	.	.	.	83
3 QUANTUM	1	3.54	78.2	36	1.9	79	52	.	5.0	.	.	15.1	.	.	.	83
4 AC BRIO	2	3.52	77.9	36	4.4	88	54	.	4.3	.	.	17.5	.	.	.	85
5 AC TAHO	4	3.37	75.9	32	3.3	84	54	.	2.0	.	.	20.1	.	.	.	84
LOCATIONS		11	11	11	5	8	9	0	1	0	0	2	0	0	0	2

YEAR(S): 1997-2000  
AREA : 5 & 6

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	4	4.37	75.8	35	1.3	85	58	.	0.0	0.0	.	.	.	0.5	0.0	112
2 PACIFIC	5	4.31	75.8	35	1.8	102	58	.	0.0	0.0	.	.	.	0.5	0.0	109
3 QUANTUM	1	4.62	76.7	40	0.8	86	57	.	0.0	0.5	.	.	.	0.0	0.0	110
4 AC BRIO	2	4.55	75.7	38	0.5	100	59	.	4.0	0.0	.	.	.	0.0	0.5	111
5 AC TAHO	3	4.50	73.8	33	1.5	98	58	.	0.0	0.0	.	.	.	1.5	0.0	111
LOCATIONS		6	6	6	4	6	4	0	1	1	0	0	0	1	1	6

YEAR(S): 1997-2000  
AREA(S): 2 - 6

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	5	3.38	75.3	34	2.1	81	55	3.4	0.8	2.6	2.0	22.6	.	1.0	0.0	101
2 PACIFIC	4	3.47	75.4	33	3.0	98	55	1.8	0.5	2.6	3.0	13.8	.	2.0	0.0	99
3 QUANTUM	1	3.86	76.6	38	1.3	85	54	0.3	2.9	2.2	2.0	14.2	.	1.3	0.0	99
4 AC BRIO	3	3.49	75.5	36	2.1	94	56	4.7	2.3	3.7	5.5	16.1	.	1.3	0.8	101
5 AC TAHO	2	3.50	73.8	33	2.0	91	55	3.1	0.6	3.0	4.0	21.7	.	2.0	0.0	100
LOCATIONS		29	28	28	14	26	25	10	6	6	1	5	0	3	2	10

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

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

YEAR(S): 1998-2000

TRAIT : YIELD (T/HA)

KEY NAME	AREA II (9)*	AREA III (9)	AREA V&VI (5)	PROV. (23)**
1 CELTIC	2.83	3.11	4.62	3.33
2 PACIFIC	3.00	3.23	4.60	3.43
3 QUANTUM	3.62	3.35	4.96	3.80
4 AC BRIO	2.75	3.32	4.90	3.44
5 AC TAHO	3.00	3.20	4.82	3.47
6 AC DRUMMOND	2.92	3.21	4.67	3.41
OVERALL MEAN	3.02	3.24	4.76	3.48

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

YEAR(S): 1998-2000

KEY NAME	AREA II (9)*	AREA III (9)	AREA V&VI (5)	PROV. (23)**
1 CELTIC	93.9	95.2	96.9	95.1
2 PACIFIC	99.1	101.3	96.6	99.4
3 QUANTUM	122.0	103.9	104.0	111.0
4 AC BRIO	90.4	102.0	103.0	97.7
5 AC TAHO	99.3	98.4	101.2	99.4
6 AC DRUMMOND	95.4	99.2	98.2	97.5
OVERALL MEAN	3.02	3.24	4.76	3.48

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

YEAR(S): 1998-2000

AREA : 2

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT	
	TK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	%	0-9	0-9	0-9	*	
1 CELTIC	5	2.83	71.9	35	1.4	83	55	3.1	0.0	2.8	2.0	24.2	.	1.2	.	87	
2 PACIFIC	2	3.00	70.3	32	2.4	101	55	2.2	0.0	2.5	3.0	12.1	.	2.8	.	85	
3 QUANTUM	1	3.62	74.1	40	1.1	90	53	0.4	3.5	1.6	2.0	13.6	.	2.0	.	83	
4 AC BRIO	6	2.75	72.2	33	1.2	96	57	4.6	1.5	4.0	5.5	15.1	.	2.0	.	87	
5 AC TAHO	2	3.00	70.9	32	1.3	94	55	3.6	0.0	2.9	4.0	22.8	.	2.2	.	86	
6 AC DRUMMOND	4	2.92	73.7	36	0.7	93	59	5.1	5.8	3.5	2.0	9.8	.	2.2	.	89	
LOCATIONS			9	8	8	5	9	9	7	2	4	1	3	0	2	0	2

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

YEAR(S): 1998-2000  
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	*
1 CELTIC	6	3.11	76.4	32	3.5	81	54	.	2.3	.	.	20.1	.	.	.	85
2 PACIFIC	3	3.23	77.4	32	4.6	97	54	.	1.3	.	.	16.2	.	.	.	83
3 QUANTUM	1	3.35	77.0	35	1.9	81	52	.	5.0	.	.	15.1	.	.	.	83
4 AC BRIO	2	3.32	76.9	35	4.4	91	54	.	4.3	.	.	17.5	.	.	.	85
5 AC TAHO	5	3.20	74.7	31	3.3	86	54	.	2.0	.	.	20.1	.	.	.	84
6 AC DRUMMOND	4	3.21	78.3	36	3.4	91	56	.	5.0	.	.	8.0	.	.	.	87
LOCATIONS		9	9	9	5	7	8	0	1	0	0	2	0	0	0	2

YEAR(S): 1998-2000  
AREA : 5 & 6

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	*
1 CELTIC	5	4.62	76.5	36	1.3	86	62	.	0.0	0.0	.	.	.	0.5	0.0	114
2 PACIFIC	6	4.60	76.5	37	1.8	104	62	.	0.0	0.0	.	.	.	0.5	0.0	111
3 QUANTUM	1	4.96	77.8	42	0.8	87	61	.	0.0	0.5	.	.	.	0.0	0.0	111
4 AC BRIO	2	4.90	76.6	40	0.5	102	62	.	4.0	0.0	.	.	.	0.0	0.5	113
5 AC TAHO	3	4.82	74.8	35	1.5	99	62	.	0.0	0.0	.	.	.	1.5	0.0	111
6 AC DRUMMOND	4	4.67	77.3	40	2.2	102	65	.	0.0	2.5	.	.	.	0.0	0.0	115
LOCATIONS		5	5	5	4	5	3	0	1	1	0	0	0	1	1	5

YEAR(S): 1998-2000  
AREA(S): 2 - 6

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	*
1 CELTIC	6	3.33	74.8	34	2.1	83	55	3.1	0.6	2.3	2.0	22.6	.	1.0	0.0	101
2 PACIFIC	4	3.43	74.6	33	3.0	100	55	2.2	0.3	2.0	3.0	13.8	.	2.0	0.0	99
3 QUANTUM	1	3.80	76.1	38	1.3	86	54	0.4	3.0	1.4	2.0	14.2	.	1.3	0.0	98
4 AC BRIO	3	3.44	75.1	35	2.1	96	57	4.6	2.8	3.2	5.5	16.1	.	1.3	0.5	101
5 AC TAHO	2	3.47	73.3	32	2.0	93	56	3.6	0.5	2.3	4.0	21.7	.	2.0	0.0	99
6 AC DRUMMOND	5	3.41	76.4	37	2.1	95	59	5.1	4.1	3.3	2.0	9.1	.	1.5	0.0	103
LOCATIONS		23	22	22	14	21	20	7	4	5	1	5	0	3	1	9

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

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

YEAR(S): 1999-2000

TRAIT : YIELD (T/HA)

KEY NAME	AREA II (6)*	AREA III (7)	AREA V&VI (4)	PROV. (17)**
1 CELTIC	3.21	3.53	4.72	3.70
2 PACIFIC	3.50	3.49	4.68	3.77
3 QUANTUM	4.10	3.66	5.18	4.17
4 AC BRIO	3.24	3.64	5.01	3.82
5 AC TAHO	3.48	3.48	4.92	3.82
6 AC DRUMMOND	3.39	3.43	4.77	3.73
7 AC INTREPID	3.07	3.35	4.78	3.59
OVERALL MEAN	3.43	3.51	4.86	3.80

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II (6)*	AREA III (7)	AREA V&VI (4)	PROV. (17)**
1 CELTIC	93.4	101.6	96.9	97.6
2 PACIFIC	103.1	100.6	96.3	100.5
3 QUANTUM	121.8	104.8	106.3	111.1
4 AC BRIO	93.9	103.0	103.0	99.8
5 AC TAHO	101.5	98.8	101.1	100.3
6 AC DRUMMOND	97.5	96.0	98.2	97.0
7 AC INTREPID	88.9	95.2	98.2	93.7
OVERALL MEAN	3.43	3.51	4.86	3.80

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

YEAR(S): 1999-2000

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
	RRK	T/HA															
1 CELTIC	6	3.21	73.2	37	1.5	86	56	3.0	0.0	2.0	.	24.2	.	1.5	.	.	
2 PACIFIC	2	3.50	69.7	33	2.0	108	56	1.8	0.0	2.0	.	12.1	.	2.5	.	.	
3 QUANTUM	1	4.10	75.2	42	0.8	95	55	0.0	3.5	2.0	.	13.6	.	2.0	.	.	
4 AC BRIO	5	3.24	73.9	36	1.3	101	58	5.4	1.5	3.8	.	15.1	.	2.0	.	.	
5 AC TAHO	3	3.48	72.3	33	1.3	100	57	3.8	0.0	2.2	.	22.8	.	2.0	.	.	
6 AC DRUMMOND	4	3.39	75.0	38	0.8	100	60	6.2	5.8	3.0	.	9.8	.	2.5	.	.	
7 AC INTREPID	7	3.07	70.7	35	1.8	97	54	4.2	0.0	2.8	.	27.0	.	3.0	.	.	
LOCATIONS				6	5	5	3	6	6	4	2	2	0	3	0	1	0

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

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

YEAR(S): 1999-2000  
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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	3	3.53	76.7	32	3.0	89	54	.	2.3	.	.	38.0	.	.	.	85
2 PACIFIC	4	3.49	77.4	32	6.1	105	54	.	1.3	.	.	30.0	.	.	.	83
3 QUANTUM	1	3.66	77.2	35	1.7	88	53	.	5.0	.	.	28.0	.	.	.	83
4 AC BRIO	2	3.64	76.8	35	5.0	98	55	.	4.3	.	.	33.0	.	.	.	85
5 AC TAHO	5	3.48	74.7	32	4.4	92	54	.	2.0	.	.	38.0	.	.	.	84
6 AC DRUMMOND	6	3.43	77.9	35	4.1	96	57	.	5.0	.	.	15.0	.	.	.	87
7 AC INTREPID	7	3.35	75.7	35	5.0	93	52	.	2.5	.	.	30.0	.	.	.	82
LOCATIONS		7	7	7	3	5	6	0	1	0	0	1	0	0	0	2

YEAR(S): 1999-2000  
AREA : 5 & 6

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	6	4.72	76.6	37	1.3	90	62	.	0.0	0.0	.	.	.	0.5	0.0	111
2 PACIFIC	7	4.68	76.6	37	1.8	107	62	.	0.0	0.0	.	.	.	0.5	0.0	109
3 QUANTUM	1	5.18	78.2	43	0.8	90	61	.	0.0	0.5	.	.	.	0.0	0.0	109
4 AC BRIO	2	5.01	76.8	41	0.5	106	62	.	4.0	0.0	.	.	.	0.0	0.5	110
5 AC TAHO	3	4.92	75.1	36	1.5	104	62	.	0.0	0.0	.	.	.	1.5	0.0	109
6 AC DRUMMOND	5	4.77	77.3	40	2.2	108	65	.	0.0	2.5	.	.	.	0.0	0.0	113
7 AC INTREPID	4	4.78	75.8	40	1.2	100	60	.	0.0	0.0	.	.	.	0.5	0.0	109
LOCATIONS		4	4	4	4	4	3	0	1	1	0	0	0	1	1	4

YEAR(S): 1999-2000  
AREA(S): 2 - 6

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	6	3.70	75.6	35	1.9	88	56	3.0	0.6	1.3	.	27.6	.	1.0	0.0	102
2 PACIFIC	4	3.77	74.8	34	3.1	107	56	1.8	0.3	1.3	.	16.6	.	1.5	0.0	100
3 QUANTUM	1	4.17	76.8	39	1.0	91	55	0.0	3.0	1.5	.	17.2	.	1.0	0.0	100
4 AC BRIO	2	3.82	75.9	37	2.1	101	57	5.4	2.8	2.5	.	19.6	.	1.0	0.5	102
5 AC TAHO	2	3.82	74.0	33	2.3	98	57	3.8	0.5	1.5	.	26.6	.	1.8	0.0	101
6 AC DRUMMOND	5	3.73	76.9	37	2.3	101	60	6.2	4.1	2.8	.	11.1	.	1.2	0.0	104
7 AC INTREPID	7	3.59	74.2	36	2.5	97	54	4.2	0.6	1.8	.	27.8	.	1.8	0.0	100
LOCATIONS		17	16	16	10	15	15	4	4	3	0	4	0	2	1	6

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

YEAR : 2000

TRAIT : YIELD (T/HA)

KEY NAME	AREA II (3)*	AREA III (4)	AREA V&VI (3)	PROV. (10)**
1 CELTIC	2.64	3.28	4.60	3.49
2 PACIFIC	3.08	3.34	4.46	3.60
3 QUANTUM	3.59	3.16	5.28	3.93
4 AC BRIO	2.83	3.21	5.06	3.65
5 AC TAHO	3.01	3.24	4.93	3.68
6 AC DRUMMOND	2.78	2.82	4.63	3.35
7 AC INTREPID	2.69	3.08	4.69	3.45
8 CM953105	2.95	3.59	5.32	3.91
9 AC HELENA	2.98	2.57	4.68	3.33
OVERALL MEAN	2.95	3.14	4.85	3.60

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II (3)*	AREA III (4)	AREA V&VI (3)	PROV. (10)**
1 CELTIC	90.0	105.7	95.1	97.8
2 PACIFIC	104.7	107.4	92.3	102.1
3 QUANTUM	123.7	102.4	108.6	110.6
4 AC BRIO	94.8	101.0	104.3	100.1
5 AC TAHO	101.9	101.8	101.7	101.8
6 AC DRUMMOND	93.4	88.8	95.8	92.3
7 AC INTREPID	91.0	97.6	96.6	95.3
8 CM953105	100.6	114.9	109.7	109.0
9 AC HELENA	99.9	80.5	96.0	90.9
OVERALL MEAN	2.95	3.14	4.85	3.60

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

YEAR : 2000

AREA : 2

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
1 CELTIC	9 2.64	72.1	35	.	90	60	2.7	0.0	2.0	.	35.0	.	1.5	.	.	
2 PACIFIC	2 3.08	73.0	32	.	114	58	1.4	0.0	2.0	.	16.9	.	2.5	.	.	
3 QUANTUM	1 3.59	74.8	40	.	100	57	0.0	0.0	2.0	.	19.4	.	2.0	.	.	
4 AC BRIO	6 2.83	73.5	34	.	105	60	5.5	0.0	3.8	.	21.9	.	2.0	.	.	
5 AC TAHO	3 3.01	72.2	32	.	105	60	2.4	0.0	2.2	.	33.2	.	2.0	.	.	
6 AC DRUMMOND	7 2.78	74.6	36	.	108	63	5.8	3.5	3.0	.	13.8	.	2.5	.	.	
7 AC INTREPID	8 2.69	70.5	35	.	102	57	3.2	0.0	2.8	.	38.8	.	3.0	.	.	
8 CM953105	5 2.95	72.5	33	.	95	59	1.5	0.0	2.0	.	26.2	.	1.5	.	.	
9 AC HELENA	4 2.98	69.8	31	.	108	62	0.2	3.0	2.8	.	16.9	.	2.0	.	.	
LOCATIONS		3	3	3	0	3	3	2	1	2	0	2	0	1	0	0

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

YEAR : 2000  
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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	3	3.28	77.1	31	2.8	95	54	.	2.3	.	.	38.0	.	.	.	81
2 PACIFIC	2	3.34	78.2	30	4.8	111	55	.	1.3	.	.	30.0	.	.	.	80
3 QUANTUM	6	3.16	76.8	32	1.2	91	53	.	5.0	.	.	28.0	.	.	.	79
4 AC BRIO	5	3.21	76.7	34	3.7	99	55	.	4.3	.	.	33.0	.	.	.	81
5 AC TAHO	4	3.24	75.6	31	4.2	95	55	.	2.0	.	.	38.0	.	.	.	80
6 AC DRUMMOND	8	2.82	77.5	31	4.8	102	57	.	5.0	.	.	15.0	.	.	.	78
7 AC INTREPID	7	3.08	76.7	34	4.0	95	53	.	2.5	.	.	30.0	.	.	.	81
8 CM953105	1	3.59	77.7	33	3.2	92	55	.	1.8	.	.	45.0	.	.	.	81
9 AC HELENA	9	2.57	73.2	28	3.9	108	56	.	5.0	.	.	18.0	.	.	.	83
LOCATIONS		4	4	4	2	3	4	0	1	0	0	1	0	0	0	1

YEAR : 2000  
MGMT : NORMAL  
AREA : 5 & 6

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	8	4.60	77.2	36	1.3	90	61	.	0.0	0.0	.	.	.	0.5	0.0	111
2 PACIFIC	9	4.46	76.8	36	1.8	108	61	.	0.0	0.0	.	.	.	0.5	0.0	109
3 QUANTUM	2	5.28	78.5	42	0.7	95	61	.	0.0	0.5	.	.	.	0.0	0.0	109
4 AC BRIO	3	5.06	77.4	39	0.3	108	61	.	4.0	0.0	.	.	.	0.0	0.5	111
5 AC TAHO	4	4.93	76.5	35	1.5	106	61	.	0.0	0.0	.	.	.	1.5	0.0	110
6 AC DRUMMOND	7	4.63	77.7	37	2.5	113	65	.	0.0	2.5	.	.	.	0.0	0.0	113
7 AC INTREPID	5	4.69	76.9	40	1.3	102	58	.	0.0	0.0	.	.	.	0.5	0.0	110
8 CM953105	1	5.32	78.8	37	1.0	87	61	.	3.0	0.0	.	.	.	0.0	0.0	112
9 AC HELENA	6	4.68	71.8	35	1.7	106	62	.	0.0	2.0	.	.	.	0.5	0.0	111
LOCATIONS		3	3	3	3	3	2	0	1	1	0	0	0	1	1	3

YEAR : 2000  
MGMT : NORMAL  
AREA(S): 2 - 6

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	6	3.49	75.6	34	1.9	92	57	2.7	0.8	1.3	.	36.0	.	1.0	0.0	104
2 PACIFIC	5	3.60	76.2	32	3.0	111	57	1.4	0.4	1.3	.	21.3	.	1.5	0.0	102
3 QUANTUM	1	3.93	76.7	37	0.9	95	56	0.0	1.7	1.5	.	22.3	.	1.0	0.0	102
4 AC BRIO	4	3.65	76.0	35	1.7	104	58	5.5	2.8	2.5	.	25.6	.	1.0	0.5	103
5 AC TAHO	3	3.68	74.8	32	2.6	102	58	2.4	0.7	1.5	.	34.8	.	1.8	0.0	103
6 AC DRUMMOND	8	3.35	76.6	35	3.4	107	61	5.8	2.8	2.8	.	14.2	.	1.2	0.0	106
7 AC INTREPID	7	3.45	74.9	36	2.4	99	55	3.2	0.8	1.8	.	35.8	.	1.8	0.0	102
8 CM953105	2	3.91	76.4	34	1.9	91	57	1.5	1.6	1.3	.	32.5	.	0.8	0.0	104
9 AC HELENA	9	3.33	71.8	31	2.6	107	59	0.2	2.7	2.5	.	17.3	.	1.2	0.0	104
LOCATIONS		10	10	10	5	9	9	2	3	3	0	3	0	2	1	4

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



## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

TRIAL STATISTICS (GRAIN YIELD)

AREA	LOCATION	MEAN (g m <sup>-2</sup> )	REPS	ERROR SS	ERROR DF	ERROR MS	C.V.%
II	WINTHROP	264	4	8232	24	342	7.0
II	ELORA	357	4	11836	22	538	6.5
II	HARRISTON	263	4	20088	24	837	11.0
III	WINCHESTER	224	4	12048	24	502	10.0
III	BEACHBURG	263	4	12576	24	524	8.7
III	OTTAWA	297	4	25608	24	1067	11.0
III	ST. ISIDORE	473	4	22680	24	945	6.5
V	NEW LISKEARD	523	4	55560	24	2315	9.2
V	EMO	458	4	25368	24	1057	7.1
VI	KAPUSKASING	470	4	54072	24	2253	10.1

\*100 g m<sup>-2</sup> = 1 t/ha = 893 lbs/acre

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

LOCATION - WINTHROP  
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	*
1 CELTIC	7	2.43	73.5	39	.	86	57	2.0	.	4.0	.	30.0	.	1.5	.	.
2 PACIFIC	3	2.70	74.9	33	.	108	57	.0	.	3.0	.	25.0	.	2.5	.	.
3 QUANTUM	1	3.06	76.5	44	.	93	56	.0	.	4.0	.	30.0	.	2.0	.	.
4 AC BRIO	6	2.63	74.4	37	.	99	57	5.5	.	6.5	.	35.0	.	2.0	.	.
5 AC TAHO	4	2.67	74.5	33	.	97	57	1.5	.	3.5	.	50.0	.	2.0	.	.
6 AC DRUMMOND	5	2.66	77.6	41	.	104	61	4.0	.	5.0	.	25.0	.	2.5	.	.
7 AC INTREPID	9	2.32	73.1	37	.	90	56	1.5	.	3.5	.	60.0	.	3.0	.	.
8 CM953105	8	2.42	74.3	37	.	88	58	.0	.	4.0	.	40.0	.	1.5	.	.
9 AC HELENA	2	2.88	74.5	35	.	98	60	.0	.	5.0	.	30.0	.	2.0	.	.
MEANS		2.64	74.8	37	.	96	58	1.6	.	4.3	.	36.1	.	2.1	.	.

LOCATION - ELORA  
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	*
1 CELTIC	9	3.07	71.7	34	.	93	59	.	.	.0	.	40.0	.	.	.	.
2 PACIFIC	5	3.68	71.7	32	.	123	59	.	.	1.0	.	8.8	.	.	.	.
3 QUANTUM	2	3.76	73.6	39	.	103	58	.	.	.0	.	8.8	.	.	.	.
4 AC BRIO	4	3.71	74.2	37	.	114	61	.	.	1.0	.	8.8	.	.	.	.
5 AC TAHO	3	3.73	72.3	33	.	111	60	.	.	1.0	.	16.3	.	.	.	.
6 AC DRUMMOND	6	3.56	76.1	38	.	116	64	.	.	1.0	.	2.5	.	.	.	.
7 AC INTREPID	8	3.32	66.7	37	.	105	58	.	.	2.0	.	17.5	.	.	.	.
8 CM953105	7	3.39	69.9	33	.	96	60	.	.	.0	.	12.5	.	.	.	.
9 AC HELENA	1	3.99	74.2	35	.	114	63	.	.	.5	.	3.8	.	.	.	.
MEANS		3.58	72.3	35	.	108	60	.	.	.7	.	13.2	.	.	.	.

LOCATION - HARRISTON  
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	*
1 CELTIC	5	2.43	71.0	31	.	92	63	3.3	.0	.	.	.	.	.	.	.
2 PACIFIC	3	2.87	72.4	30	.	112	59	2.8	.0	.	.	.	.	.	.	.
3 QUANTUM	1	3.95	74.2	38	.	104	57	.0	.0	.	.	.	.	.	.	.
4 AC BRIO	7	2.14	72.0	28	.	103	63	5.5	.0	.	.	.	.	.	.	.
5 AC TAHO	4	2.64	69.8	30	.	107	62	3.3	.0	.	.	.	.	.	.	.
6 AC DRUMMOND	8	2.11	70.0	30	.	103	65	7.5	3.5	.	.	.	.	.	.	.
7 AC INTREPID	5	2.43	71.8	32	.	111	57	4.8	.0	.	.	.	.	.	.	.
8 CM953105	2	3.04	73.2	30	.	100	58	3.0	.0	.	.	.	.	.	.	.
9 AC HELENA	9	2.08	60.8	23	.	113	64	.3	3.0	.	.	.	.	.	.	.
MEANS		2.63	70.6	30	.	105	61	3.4	.7	.	.	.	.	.	.	.

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

LOCATION - OTTAWA-1  
MANAGEMENT - NORMAL

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	DON+ ppm
1 CELTIC	3 3.34	72.5	26	.	105	60	.	.	.	.	.	.	.	.	1.18
2 PACIFIC	5 2.84	74.4	24	.	115	60	.	.	.	.	.	.	.	.	1.35
3 QUANTUM	2 3.36	73.2	25	.	95	60	.	.	.	.	.	.	.	.	1.38
4 AC BRIO	7 2.68	72.3	26	.	95	61	.	.	.	.	.	.	.	.	0.88
5 AC TAHO	8 2.65	72.4	25	.	75	60	.	.	.	.	.	.	.	.	1.35
6 AC DRUMMOND	6 2.81	74.1	28	.	85	63	.	.	.	.	.	.	.	.	2.73
7 AC INTREPID	4 2.96	73.9	28	.	90	59	.	.	.	.	.	.	.	.	0.65
8 CM953105	1 3.91	74.4	27	.	100	60	.	.	.	.	.	.	.	.	2.98
9 AC HELENA	9 2.17	68.2	22	.	110	64	.	.	.	.	.	.	.	.	1.50
MEANS	2.97	72.8	26	.	97	61	.	.	.	.	.	.	.	.	1.56

LOCATION - BEACHBURG\*\*  
MANAGEMENT - NORMAL

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	DON+BYD ppm	SRS 0-9	MDT *
1 CELTIC	4 2.66	78.8	34	.	86	48	.	.	.	.	.	2.10	.	81
2 PACIFIC	4 2.66	78.3	32	.	103	49	.	.	.	.	.	2.48	.	80
3 QUANTUM	2 2.75	78.0	37	.	86	48	.	.	.	.	.	0.90	.	79
4 AC BRIO	8 2.58	77.3	34	.	97	49	.	.	.	.	.	0.33	.	81
5 AC TAHO	3 2.69	75.8	30	.	99	49	.	.	.	.	.	0.90	.	80
6 AC DRUMMOND	1 2.87	80.0	36	.	105	51	.	.	.	.	.	1.35	.	83
7 AC INTREPID	9 2.21	75.3	33	.	92	47	.	.	.	.	.	1.73	.	78
8 CM953105	7 2.61	78.3	37	.	84	49	.	.	.	.	.	3.18	.	81
9 AC HELENA	4 2.66	76.8	32	.	102	51	.	.	.	.	.	1.18	.	83
MEANS	2.63	77.6	34	.	95	49	.	.	.	.	.	1.64	.	81

LOCATION - ST-ISIDORE\*\*  
MANAGEMENT - NORMAL

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	DON+ ppm
1 CELTIC	6 4.63	76.8	33	3.0	.	58	.	2.3	.	.	38.0	.	.	.	2.18
2 PACIFIC	4 5.01	78.0	30	6.5	.	58	.	1.3	.	.	30.0	.	.	.	1.33
3 QUANTUM	7 4.28	76.3	32	1.5	.	57	.	5.0	.	.	28.0	.	.	.	1.70
4 AC BRIO	2 5.18	77.0	34	5.5	.	59	.	4.3	.	.	33.0	.	.	.	0.68
5 AC TAHO	1 5.28	75.0	30	7.0	.	59	.	2.0	.	.	38.0	.	.	.	0.65
6 AC DRUMMOND	8 4.16	76.8	32	6.0	.	61	.	5.0	.	.	15.0	.	.	.	2.38
7 AC INTREPID	5 4.79	76.8	36	6.5	.	56	.	2.5	.	.	30.0	.	.	.	1.05
8 CM953105	3 5.13	77.0	32	5.5	.	58	.	1.8	.	.	45.0	.	.	.	2.85
9 AC HELENA	9 4.09	71.8	28	5.0	.	61	.	5.0	.	.	18.0	.	.	.	1.18
MEANS	4.73	76.2	32	5.2	.	59	.	3.2	.	.	30.6	.	.	.	1.56

+ DON VALUES WERE ASSESSED ON KERNELS HARVESTED FROM NATURALLY INFESTED PLOTS.

\* DAYS FROM PLANTING

\*\* ST-ISIDORE IS AN UNOFFICIAL SITE. DATA WERE USED IN THE SUMMARIES.

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

LOCATION - WINCHESTER  
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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	3	2.49	80.1	32	2.5	93	51	.	.	.	.	.	.	.	.	.
2 PACIFIC	1	2.84	82.0	34	3.0	116	51	.	.	.	.	.	.	.	.	.
3 QUANTUM	7	2.27	79.8	33	1.0	93	47	.	.	.	.	.	.	.	.	.
4 AC BRIO	4	2.38	80.2	40	1.8	106	51	.	.	.	.	.	.	.	.	.
5 AC TAHO	6	2.33	79.2	37	1.3	110	51	.	.	.	.	.	.	.	.	.
6 AC DRUMMOND	8	1.42	78.9	29	3.5	116	54	.	.	.	.	.	.	.	.	.
7 AC INTREPID	5	2.36	80.7	37	1.5	102	48	.	.	.	.	.	.	.	.	.
8 CM953105	2	2.69	80.9	35	1.0	93	53	.	.	.	.	.	.	.	.	.
9 AC HELENA	9	1.37	76.1	28	2.8	111	48	.	.	.	.	.	.	.	.	.
MEANS		2.24	79.8	34	2.0	104	50	.	.	.	.	.	.	.	.	.

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	7	4.84	74.8	36	4.0	97	59	.	.0	.0	.	.	.	.5	.0	116
2 PACIFIC	9	4.38	73.6	40	5.0	109	59	.	.0	.0	.	.	.	.5	.0	114
3 QUANTUM	1	6.13	76.1	45	2.0	95	59	.	.0	.5	.	.	.	.0	.0	113
4 AC BRIO	3	5.49	74.8	40	1.0	116	60	.	4.0	.0	.	.	.	.0	.5	116
5 AC TAHO	5	5.39	72.3	37	4.0	108	59	.	.0	.0	.	.	.	1.5	.0	115
6 AC DRUMMOND	8	4.57	77.3	41	5.0	112	65	.	.0	2.5	.	.	.	.0	.0	118
7 AC INTREPID	6	5.17	74.8	43	3.0	108	58	.	.0	.0	.	.	.	.5	.0	115
8 CM953105	2	5.70	78.6	37	3.0	88	59	.	3.0	.0	.	.	.	.0	.0	118
9 AC HELENA	4	5.41	72.3	37	5.0	109	62	.	.0	2.0	.	.	.	.5	.0	115
MEANS		5.23	75.0	40	3.6	105	60	.	.8	.6	.	.	.	.4	.1	116

LOCATION - EMO\*\*  
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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	2	4.94	76.1	39	.0	93	62	.	.	.	.	.	.	.	.	100
2 PACIFIC	7	4.61	76.1	34	.0	110	62	.	.	.	.	.	.	.	.	99
3 QUANTUM	5	4.76	78.6	41	.0	101	62	.	.	.	.	.	.	.	.	99
4 AC BRIO	3	4.93	77.3	41	.0	107	62	.	.	.	.	.	.	.	.	101
5 AC TAHO	4	4.81	77.3	35	.0	108	62	.	.	.	.	.	.	.	.	101
6 AC DRUMMOND	6	4.73	76.1	37	1.0	118	64	.	.	.	.	.	.	.	.	101
7 AC INTREPID	8	4.43	76.1	40	.0	101	57	.	.	.	.	.	.	.	.	101
8 CM953105	1	5.47	77.3	40	.0	92	62	.	.	.	.	.	.	.	.	99
9 AC HELENA	9	2.91	63.6	29	.0	109	62	.	.	.	.	.	.	.	.	99
MEANS		4.62	75.4	37	.1	104	62	.	.	.	.	.	.	.	.	100

\* DAYS FROM PLANTING

\*\* EMO IS AN UNOFFICIAL SITE. DATA WERE USED IN THE SUMMARIES.  
A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2000

LOCATION - KAPUSKASING\*\*  
 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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
	RK	T/HA															
1 CELTIC	9	4.03	80.6	33	.0	81	.	.	.	.	.	.	.	.	.	.	117
2 PACIFIC	8	4.39	80.7	33	.3	104	.	.	.	.	.	.	.	.	.	.	114
3 QUANTUM	2	4.96	80.7	39	.0	89	.	.	.	.	.	.	.	.	.	.	116
4 AC BRIO	4	4.75	80.2	36	.0	102	.	.	.	.	.	.	.	.	.	.	115
5 AC TAHO	5	4.60	79.8	33	.6	101	.	.	.	.	.	.	.	.	.	.	114
6 AC DRUMMOND	6	4.59	79.6	34	1.6	108	.	.	.	.	.	.	.	.	.	.	121
7 AC INTREPID	7	4.46	79.9	36	.8	96	.	.	.	.	.	.	.	.	.	.	113
8 CM953105	3	4.78	80.4	35	.0	82	.	.	.	.	.	.	.	.	.	.	119
9 AC HELENA	1	5.71	79.4	39	.0	99	.	.	.	.	.	.	.	.	.	.	119
MEANS		4.70	80.1	35	.4	96	.	.	.	.	.	.	.	.	.	.	116

\*\*KAPUSKASING IS AN UNOFFICIAL SITE. DATA WERE USED IN THE SUMMARIES.

## WESTERN REGISTRATION TRIAL; SPRING DURUM 2000

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 %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 AC AVONLEA	7	2.89	73.6	38	.	105	62	.	.	.	.	20.0	.	.	.	.
2 AC MORSE	2	3.25	72.3	39	.	96	61	.	.	.	.	20.0	.	.	.	.
3 AC NAVIGATOR	5	3.00	71.1	38	.	84	62	.	.	.	.	25.0	.	.	.	.
4 KYLE	1	3.35	74.8	37	.	119	64	.	.	.	.	.0	.	.	.	.
5 DT688	3	3.23	72.3	41	.	101	66	.	.	.	.	.0	.	.	.	.
6 DT693	4	3.20	73.0	45	.	103	65	.	.	.	.	.0	.	.	.	.
7 DT698	5	3.00	73.0	39	.	103	63	.	.	.	.	10.0	.	.	.	.
MEANS		3.13	72.9	40	.	102	63	.	.	.	.	10.7	.	.	.	.

## ANALYSIS OF VARIANCE INFORMATION FOR WESTERN DURUM TRIAL AT ELORA

TRAIT	MEAN	RDF	VDF	EDF	REPMS	VARMS	ERRMS	REPF	VARF	C.V.
YIELD	313	3	6	13	593	1311	850	.7	1.5	9.3%

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## CO-OPERATORS AND LOCATIONS OF PERFORMANCE TRIALS, 2000

Testing Area	County or District	Co-operators	Crops				
			Barley	Oats	Winter Wheat	Spring Wheat	
I	Kent I	RN = Ridgetown C.A.T., Ridgetown, ON.			X		
	Lambton	ID = David MacKellar, R.R. #7, Alvinston (Ridgetown College.)			X		
	Essex	WE = Woodslee Research Centre, Agriculture & Agri-Food Canada			X		
II & IV	Oxford	WK = Plant Agriculture Department, OAC, Woodstock, ON.			X		
	Huron I	WP = W.G. Thompson and Sons Ltd., Winthrop, ON	X	X			
	Huron II	Centralia, Ontario (Ridgetown College)	X <sup>1</sup>	X <sup>1</sup>			
	Wellington I	EA = Plant Agriculture Department, OAC, Elora, ON.	X	X			
	Wellington	HN = C & M Seeds Inc., Palmerston, ON			X		
	Middlesex I	NN = W.G. Thompson & Sons Ltd., Naim, ON.			X		
	Perth	C & M Seeds Inc., Palmerston, ON	X	X			
	Renfrew	BG = Renfrew Larry Raeburn Beachburg				X	
	III	Grenville	KE = Kemptville College, Kemptville, ON.			X <sup>3</sup>	
		Carleton I	O1 = Agriculture & Agri-Food Canada, P.R.C., Ottawa, ON.	X	X	X <sup>3</sup>	
Stormont, Dundas & Glengarry		WR = Kemptville College, Winchester Research Sta., Winchester ON	X <sup>1</sup>	X <sup>1</sup>			
Lennox Addington		BH = Bath Mike MacKinnon, Bath, ON				X	
Prescott-Russel		IR = St. Isidore, Marc Bercier				X <sup>4</sup>	
V & VI	Temiskaming	NL = New Liskeard Agricultural Research Station, New Liskeard, ON.	X <sup>5</sup>	X <sup>5</sup>		X	
	Thunder Bay	Thunder Bay Agricultural Research Station, Thunder Bay, ON	X <sup>1</sup>	X <sup>1</sup>			
	Nipissing District	Verner Test Site, Verner, Ont. (New Liskeard Agr. Res. Sta..)	X <sup>2</sup>	X <sup>2</sup>			
	Rainy River	EO = Emo Agricultural Research Station, Emo, ON	X <sup>4</sup>	X <sup>4</sup>		X <sup>4</sup>	
	Cochrane	KG = Agriculture & Agri-Food Canada, Exp. Farm, Kapuskasing, ON	X <sup>4</sup>	X <sup>4</sup>		X <sup>4</sup>	

<sup>1</sup> All data unreliable, not included in the report; <sup>2</sup> Unofficial site, data presented for information ONLY; <sup>3</sup> Yield data not used; <sup>4</sup> Unofficial site, data used in summary; <sup>5</sup> Official site, data presented for information ONLY