

2003 Progress Report

Ontario Performance Trials

BARLEY, OATS, AND WHEAT



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Department of Plant Agriculture
128-01-03

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

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.
- CDC Teal;HRS: CDC Saskatchewan - Hyland Seeds, W.G.Thompson & Sons Ltd.
- 05/1991, 3436, Full Registration for Canada.
- 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.
- *Grandin;HRS-a: BW166, ND626 - Len//Butte*2/ND507/3/ND593
North Dakota State University - SeCan - 03/1995,I-130
Interim Regional Registration for Nfld,PEI,NS,NB,ON,PQ.
- *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.
- Roblin;HRS: BW92 - Cambell,Agriculture & Agri-Food Canada, Winnipeg,MB - SeCan
05/86, 2669, Full Registration for Canada
- AC Domain;HRS: BW148 - Townley-Smith,Agriculture & Agri-Food Canada, Winnipeg,MB
- SeCan - 12/93, Full Registration for Canada
- AC Barrie;HRS: BW661 - Depauw,Agriculture & Agri-Food Canada, Swift Current,SK
SeCan - 08/94 3980, Full Registration for Canada
- AC Walton;HRS: AW197 - H.Nass,Agriculture & Agri-Food Canada, Charlottetown,PEI
- SeCan - Interim Registration for Nfld,PEI,NS,NB,ON,PQ.
- AC Karma;PWS-a: HY395 - Depauw,Agriculture & Agri-Food Can.,Swift Current,SK
SeCan - 10/94 3991,Full Registration for Canada.
- AC Brio;HRS: QW547:31 - Columbus/S68147//Laval19/Columbus - Dubuc, Agriculture
& Agri-Food Canada, Ste.Foy, PQ - SeCan, Semences Prograin
Inc. - 12/96,4427 - Regional Registration for Nfld,PEI,NS,
NB,ON,PQ.
- McKenzie;HRS: SWP924:017: Columbus/Amidon (DH anther) - Saskatchewan Wheat
Pool - Hyland Seeds, W.G.Thompson & Sons Ltd. - 10/97, 4638,
Full Registration for Canada.
- CM:RL4719;HRS: BW121/Roblin - Agriculture & Agri-Food Can., Winnipeg, MB -
C&M Seeds - not registered.
- AC Taber;HRS-a: HY380 & L8474-02 - Depauw, Agriculture & Agri-Food Can., Swift
Current SK. - SeCan - 10/91, 3435, Full registration for Canada

* 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.

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The interest and financial help of the Ontario Wheat Producers' Marketing Board and OMAF is gratefully acknowledged.

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

AGRICULTURE AND AGRI-FOOD CANADA

Greenhouse and Processing Crops Research Centre, Harrow, Ontario
Eastern Cereal and Oilseed Research Centre, Ottawa

ONTARIO MINISTRY OF AGRICULTURE AND FOOD

Agriculture Division - Crop Technology

UNIVERSITY OF GUELPH

Department of Plant Agriculture, Guelph Campus
Ridgetown College
Kemptville College
New Liskeard Agricultural Research Station
Emo Agricultural Research Station

SEED TRADE

C & M Seeds
W.G. Thompson & Sons Ltd.

Additional copies of this report at \$10/copy are available from:

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The Performance Trials reported in this book are coordinated by Dr. D. E. Falk, Department of Plant Agriculture, OAC, University of Guelph under the mandate of the OMAF Cereal Project. Darius Summers and Zorka Szlavnic conduct the data analysis, prepare and distribute the Progress Reports which are the basis for information in OMAF Field Crop Fact Sheet.

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 Association of the CSTA, CAT Colleges and Agriculture Canada. Certified seed of registered cultivars was generously provided by Advantage Seed Growers and Processors, Agriculture and Agri-Food Canada, Belcan AgroCentre, Belterre Seeds, Bourgon Seeds, Bramhill Seeds, C & M Seeds, Co-opérative Fédérée de Quebec, Cribit Seeds, Hyland Seeds, Pioneer Hybrid International, Pro Seeds, SeCan, Semico, and the University of Guelph.

SPRING CEREALS

Spring cereal trials are not conducted in Area I because of the low acreage and the general low performance of spring cereals relative to other crops grown in the Area. Areas II and IV have been combined into a single Area, Area III remains separate, and Areas V and VI are 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. Mildew infestation was significant in 2003 causing damage to the crop. Yields were below average in the SW, somewhat above average in the East and near normal in the North, depending on the amount of moisture and the severity of thunderstorms different sites experienced.

Oats. Oats were generally less affected by the wet conditions in the SW than barley. Some areas had moderate crown rust; with Areas II and IV reporting some septoria. Yields of most varieties were generally average to above average.

Spring Wheat. Spring wheat growth was generally delayed due to the wet, cold spring conditions and the cool summer. Overall, yields of spring wheat were average or above in the SW and East and above average in the North. Fusarium head blight incidence was significant on the spring wheat crop in some areas with a significant amount of fusarium damaged kernels in the southwest.

Spring Durum Wheat. There are no durum wheats tested in the Ontario Performance Trial, however, results from the Western Durum Registration Trial grown at Elora are reported.

WINTER CEREALS

Winter Barley. Most winter barley came through the winter in good condition. Mildew was present early, and caused some yield losses. Lodging was a problem in many areas but yields were generally good, with harvest earlier than normal.

Fall Wheat. Fall planting conditions were good but cold temperatures in October delayed growth resulting in above average winter kill in Areas II and IV. The cold, wet spring and cooler summer temperatures delayed flowering and anthesis. Some stripe rust showed up and isolated areas had dwarf bunt, however, no appreciable damage on the crop resulted. Septoria was noted early resulting in yield losses on susceptible varieties. Fusarium levels were not a significant problem as infestation was generally at low levels in the SW. Fusarium developed to a greater extent than expected in the spike because of the wet weather following flowering.

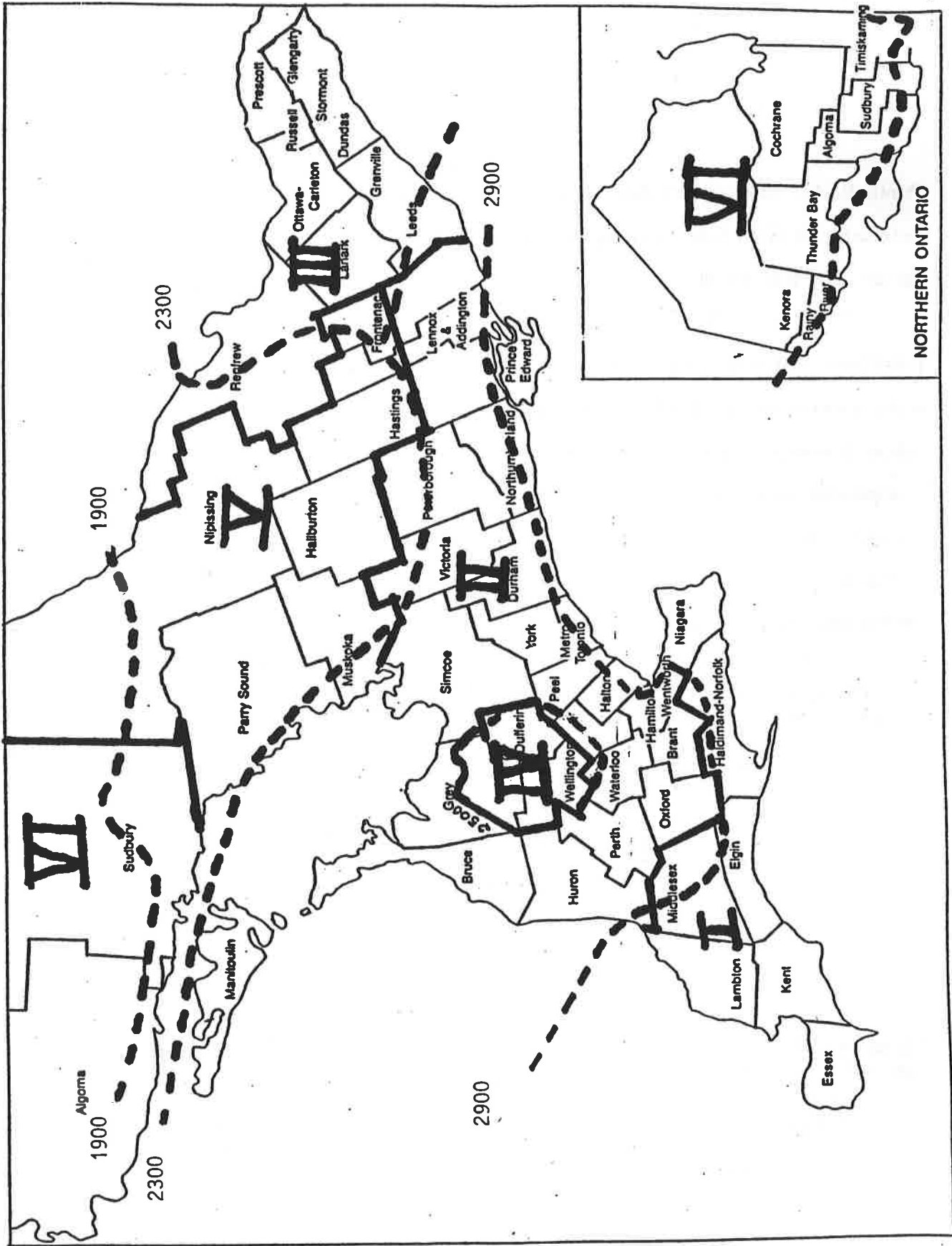
The testing areas for the Performance Testing program in Ontario are outlined by using the enclosed heat unit map as a guide.

	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 2003 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/performance_recommendations/occc/occc.html

For specific information in your area, consult the Ontario Ministry of Agriculture and Food Field Crop Factsheet.

ONTARIO



DESCRIPTION OF CULTIVARS IN PERFORMANCE TRIALS, 2003

BARLEY

- AC Kings - a two-rowed barley tested as AB 159-10, developed by AAFC, Charlottetown from the cross Iona/AB79-17; distributed by Bramhill Seeds Ltd. Registered in 1998.
- AC Parkhill - a two-rowed barley tested as OBT 186-13, developed by AAFC-Ottawa from the cross AB94-11/Morrison; distributed by SeCan. Registered in 1998.
- AC Metcalfe - a malting barley developed by AAFC-Brandon; distributed by SeCan.
- AC Sterling - a two-rowed barley tested as AB 128-5, developed by AAFC - Charlottetown from the cross Micmac/K75-10/2/Rodeo; distributed by SeCan. Registered in 1993.
- Benefit - a two-rowed barley tested as T125-053, developed from the cross Lester/Albany; distributed by Hyland Seeds. Registered in 2000.
- CDC Stratus - a two-rowed malting barley developed by Crop Development Centre, Univ. of Saskatchewan from the cross Manley/ID81027; distributed by Hyland Seeds. Registered in 1994.
- Danuta - a two-rowed barley tested as 96/1114, developed by Nordsaat (Langenstein), Germany from the cross 90014DH//Salome/Maresi; distributed by Hyland Seeds. Registered in 2001.
- Formosa - a two-rowed barley tested as CM 94534, developed by Dr. Peter Franck from a complex cross; distributed by C & M Seeds. Registered in 1998.
- Morrison - a two-rowed barley developed by AAFC-Ottawa from the cross Rodeo/Gitane; distributed by SeCan. Registered in 1989.
- Newdale - a two-rowed malting barley developed by AAFC - Brandon from the cross CDC Stratus/TR239//WM862-6 ;distributed by Hyland Seeds. Registered in 2001.
- Sunderland - a two-rowed barley tested as T086-156, developed via the doubled haploid procedure by W.G. Thompson from the cross Lester/TBR635-2; distributed by Hyland Seeds. Registered in 1997.
- CFO 303-019 - a two-rowed barley developed by Coopérative fédérée de Québec from the cross DB145/T103-069. Supported for registration in 2002.
- *CH9118-5 - a two-rowed barley, developed by AAFC - Charlottetown from the cross Symko/AB133-5. Supported for registration in 2002.
- Chief - a two-rowed barley, tested as d CH9202-32 and developed by AAFC - Charlottetown from the cross DB145/AB143-3; distributed by SeCan. Registered in 2003.
- T316-013 - a two-rowed barley, developed by W.G. Thompson & Sons Ltd. from the cross Sunderland/Belmore. Supported for registration in 2003.

*Entry has been dropped from the 2004 Spring Barley Performance Trial.

- AC Alberte - a two-rowed hulless barley tested as AB 168-11 n, developed by AAFC, Charlottetown from the cross Mimai 114/Rodeo/2/Rodeo; distributed by Bourgon Seed Ltd. Registered in 2000.
- HB 348 - a two-rowed hulless barley developed by the University of Saskatchewan from the cross HB320/Maresi; tested in Ontario by OMAF/University of Guelph. Supported for registration in 2001.
- AC Alma - a six-rowed barley tested as AB 151, developed by AAFC, Charlottetown from a cross Chapais/Leger; distributed by Advantage Seeds Ltd. Registered in 1996.
- AC Klinck - a six-rowed barley tested as AB189, developed by AAFC Charlottetown from the cross Chapais/Cadette; distributed by SeCan. Registered in 2000. .
- AC Stephen - a six-rowed barley tested as OB 956-13, developed by AAFC Ottawa from the cross OAC Kippen/Leger; distributed by SeCan. Registered in 1992.
- AC Vision - a six-rowed barley tested as OBS4181-43, developed by AAFC-Ottawa from the cross K6-6/OAC Kippen; distributed by SeCan. Registered in 2001.
- ACCA - a six-rowed barley tested as QB813.2, developed by the University of Laval from the cross QB730.2/UL0072/Leger; distributed by AgroCentre Belcan. Registered in 1996.
- Balance - a six-rowed barley , tested as OS94-544, developed by Semico - Quebec from the cross Maskot/Chapais, distributed in Ontario by Hyland Seeds. Registered in 2001.
- Booster - a six-rowed barley, from the cross C17-40/Beluga; distributed by Coopérative fédérée de Québec. Registered in 2002.
- Brooke - a six-rowed barley tested as C229-004, developed from the cross Sandrine/TBC51-89; distributed by Hyland Seeds. Registered in 2000.
- Brucefield - a six-rowed barley tested as OS93-709, developed by Semico from the cross Maskot/Chapais; distributed by Hyland Seeds. Registered in 1997.
- Bullock - a six-rowed barley tested as C332-009, developed from the cross C158-24/C166-47 by W.G. Thompson & Sons Ltd.; distributed by Hyland Seeds. Registered in 2002.
- Chapais - a six-rowed barley developed by AAFC, Ste. Foy from the cross QB58.14/Beacon//BT904 and distributed by SeCan. Registered in 1988.
- Grant - a six-rowed barley developed from the cross P885-4/P854-35 and distributed by Hyland Seeds. Registered in 1996.
- OAC Baxter - a six-rowed barley tested as CMB936588, developed by OMAF/University of Guelph from the cross Chapais [male sterile]//OAC Kippen/Leger, and distributed by C & M Seeds. Registered in 2000.

- Sumosan - a six-rowed barley tested as CFO 229-033, developed by Hyland Seeds and distributed by Coopérative fédérée de Québec. Registered in 2002.
- AB183-5 - a six-rowed barley developed by AAFC-Charlottetown.
- ADB006055 - a six-rowed barley developed by OMAF/University of Guelph from the cross: male sterile/Brucefield, distributed by Advantage Seed Growers and Processors. Supported for registration in 2003.
- ADB006073 - a six-rowed barley developed by OMAF/University of Guelph from the cross: male sterile/Chapais//GB966011. Supported for registration in 2003.
- B1602 - a six-rowed malting barley developed by BARI/Agricore from the cross Bumper/6B78//Morex/6B78-628; distributed by Hyland Seeds. Registered in 1989.
- C414-004 - a six-rowed barley developed W.G. Thompson & Sons Ltd. from the cross C75-8/S4329-6; distributed by Hyland Seeds. Supported by the OCCC for registration in 2002.
- CFO 141AA7 - a six-rowed barley distributed by Coopérative fédérée de Québec. Supported for registration in 2002.
- Cyane - a six-rowed barley tested as CFO 142AA45 and distributed by Coopérative fédérée de Québec. Registered in 2003.
- CFO 35AA1 - a six-rowed barley distributed by Coopérative fédérée de Québec. Supported for registration in 2002.
- CMB006047 - a six-rowed barley developed by OMAF/University of Guelph from the cross: male sterile/GB96603...; distributed by C & M Seeds. Supported for registration in 2003
- CRB996028 - a six-rowed feed barley developed by OMAF/University of Guelph from a cross of male sterile Elite/GB96173(C3-1/Leger//Leger/OB622-10); will be distributed by Cribit Seeds. Supported for registration in 2002.
- GB006028 - a six-rowed barley developed by OMAF/University of Guelph from the cross: male sterile/GB96605; will be distributed by SeCan. Supported for registration in 2003
- GB006076 - a six-rowed barley developed by OMAF/University of Guelph from the cross: male sterile/Legend. Supported for registration in 2003
- GB966057-1 - a six-rowed feed barley developed by OMAF/University of Guelph from a cross of male sterile Elite/bulk acid soil selections, reselection #1; will be distributed by Pro Seeds. Supported for registration 2002.
- GB966057-2 - a six-rowed feed barley developed by OMAF/University of Guelph from a cross of male sterile Elite/bulk acid soil selections, reselection #2; will be distributed by Pro Seeds. Supported for registration in 2002.
- Nordbec - a six-rowed barley tested as OBS4869-7, developed by AAFC-Ottawa from the cross S4095-31E/HS4065. Supported for registration in 2001.
- OBS4898-15 - a six-rowed barley developed by AAFC-Ottawa. Supported for registration in 2001.

ONTARIO PERFORMANCE TRIAL: BARLEY 2003

LOCATIONS REPORTING YIELD DATA FOR YEARS 1999 TO 2003

AREA II & IV

1999: Winthrop, Centralia, Elora, Palmerston
2000: Winthrop, Elora, Palmerston
2001: Centralia, Elora, Monkton
2002: Centralia, Elora, Monkton, Palmerston
2003: Centralia, Elora, Monkton, Palmerston

AREA III:

1999: Ottawa, Winchester
2000: Ottawa
2001: Ottawa, Winchester.
2002: Ottawa, Winchester
2003: Ottawa, Winchester

AREA V & VI:

1999: New Liskeard, Thunder Bay.
2000: New Liskeard, Thunder Bay, Kapuskasing.
2001: New Liskeard, Thunder Bay, Kapuskasing.
2002: New Liskeard, Verner, Kapuskasing.
2003: New Liskeard, Thunder Bay, Verner (unofficial site).

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1999-2003

Cultivar	II & IV(17)**		III(9)		V & VI(13)		PROVINCE***(39)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	t/a	bu/a
AC Kings	4.29	11	4.41	13	5.17	9	4.61	1.91	84.5
AC Parkhill	4.48	7	4.70	6	5.26	8	4.79	1.98	87.8
AC Sterling	4.39	8	4.53	9	5.09	11	4.65	1.92	85.3
Benefit	4.59	4	4.70	7	5.37	5	4.88	2.01	89.4
Formosa	4.67	3	—	—	—	—	—	—	—
Morrison	4.26	12	4.45	12	5.04	13	4.56	1.89	83.6
Sunderland	4.57	6	4.53	10	5.29	7	4.80	1.98	88.0
AC Alberta ¹	3.58	15	3.51	15	4.03	15	3.72	1.54	—
AC Alma	—	—	4.92	2	5.35	6	—	—	—
AC Stephen	4.21	13	4.04	14	5.13	10	4.48	1.85	82.1
AC Vision	4.87	1	4.81	4	5.00	14	4.90	2.03	89.9
ACCA	3.99	14	4.48	11	5.63	3	4.65	1.92	85.2
Brucefield	4.69	2	4.96	1	5.68	1	5.08	2.10	93.2
Chapais	4.38	9	4.84	3	5.66	2	4.91	2.03	90.0
Grant	4.36	10	4.66	8	5.59	4	4.84	2.00	88.7
OAC Baxter	4.58	5	4.79	5	5.07	12	4.79	1.98	87.9
Mean	4.39	—	4.56	—	5.22	—	4.69	1.94	—

- * See attached map
- ** No. of locations
- *** Weighted average
- ¹ hulless barley

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1999-2003

Cultivar	II & IV	III	V & VI	PROVINCE***
AC Kings	98	97	99	98
AC Parkhill	102	103	101	102
AC Sterling	100	100	97	99
Benefit	104	103	103	104
Formosa	106	—	—	—
Morrison	97	98	97	97
Sunderland	104	99	101	102
AC Alberta ¹	82	77	77	79
AC Alma	—	108	102	—
AC Stephen	96	89	98	95
AC Vision	111	106	96	105
ACCA	91	98	108	99
Brucefield	107	109	109	108
Chapais	100	106	108	104
Grant	99	102	107	103
OAC Baxter	104	105	97	102
Mean yield t/ha	4.39	4.56	5.22	4.69

- ¹ hulless barley
- *** Weighted average

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 2000-2003

Cultivar	II & IV(13)**		III(7)		V & VI(11)		PROVINCE***(31)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	t/a	bu/a
AC Kings	4.16	11	4.41	16	5.19	10	4.58	1.89	84.0
AC Parkhill	4.29	8	4.71	11	5.27	9	4.73	1.96	86.8
AC Sterling	4.27	10	4.61	12	5.12	13	4.65	1.92	85.2
Benefit	4.41	7	4.78	9	5.37	7	4.83	2.00	88.6
Danuta	4.59	2	5.01	4	---	---	---	---	---
Formosa	4.57	3	---	---	---	---	---	---	---
Morrison	4.07	14	4.43	15	5.13	12	4.53	1.87	83.0
Sunderland	4.42	6	4.46	14	5.34	8	4.75	1.96	87.2
AC Alberta ¹	3.39	17	3.53	18	4.06	16	3.66	1.51	67.10
AC Alma	---	---	5.06	3	5.46	6	---	---	---
AC Klinck	4.27	9	4.94	6	5.59	4	4.89	2.02	89.7
AC Stephen	3.96	15	4.01	17	5.15	11	4.39	1.82	80.6
AC Vision	4.72	1	4.95	5	5.01	15	4.87	2.01	89.4
ACCA	3.77	16	4.50	13	5.73	1	4.63	1.91	84.90
Balance	---	---	5.21	1	---	---	---	---	---
Brooke	---	---	---	---	5.60	3	---	---	---
Brucefield	4.56	4	5.08	2	5.62	2	5.05	2.10	92.6
Chapais	4.10	13	4.93	7	5.56	5	4.81	2.03	88.1
Grant	4.13	12	4.72	10	---	---	---	---	---
OAC Baxter	4.43	5	4.92	8	5.08	14	4.77	1.97	87.5
Mean	4.24	---	4.68	---	5.27	---	4.65	1.92	---

* See attached map

** No. of locations

*** Weighted average

¹ hulless barley

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 2000-2003

Cultivar	II & IV	III	V & VI	PROVINCE***
AC Kings	98	94	99	97
AC Parkhill	101	101	100	101
AC Sterling	101	98	97	99
Benefit	104	102	102	103
Danuta	108	107	---	---
Formosa	108	---	97	---
Morrison	96	95	101	98
Sunderland	104	95	77	93
AC Alberta ¹	80	75	104	87
AC Alma	---	108	106	---
AC Klinck	101	106	98	101
AC Stephen	93	86	95	92
AC Vision	111	106	109	109
ACCA	89	96	---	---
Balance	---	111	---	---
Brooke	---	---	---	---
Brucefield	107	109	107	107
Chapais	97	105	106	102
Grant	97	101	---	---
OAC Baxter	104	105	96	102
Mean yield t/ha	4.24	4.68	5.27	4.65

¹ hulless barley

*** Weighted average

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 2001-2003

Cultivar	II & IV(10)**		III(6)		V & VI(9)		PROVINCE***(25)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	t/a	bu/a
AC Kings	4.25	12	4.87	16	5.41	10	4.82	1.99	88.3
AC Parkhill	4.26	11	5.08	10	5.59	7	4.94	2.04	90.5
AC Sterling	4.34	10	5.02	13	5.37	12	4.87	2.01	89.3
Benefit	4.45	5	5.17	9	5.51	9	5.01	2.07	91.8
Danuta	4.71	2	5.37	5	—	—	—	—	—
Formosa	4.69	3	—	—	—	—	—	—	—
Morrison	4.05	15	4.80	17	5.39	11	4.71	1.95	86.4
Sunderland	4.42	6	4.99	15	5.51	8	4.95	2.05	90.7
AC Alberte †	3.43	19	3.86	20	4.88	17	4.28	1.77	—
HB 348 †	4.08	14	4.47	18	4.18	18	4.46	1.84	—
AC Alma	—	—	5.47	2	5.65	6	—	—	—
AC Klinck	4.35	9	5.31	6	5.68	4	5.05	2.09	92.6
AC Stephen	3.91	17	4.28	19	5.24	14	4.64	1.92	85.0
AC Vision	4.71	1	5.39	4	5.06	15	5.07	2.09	92.9
ACCA	3.85	18	5.01	14	5.93	1	4.57	1.89	83.7
Balance	—	—	5.60	1	—	—	—	—	—
Brooke	—	—	—	—	5.75	3	—	—	—
Brucefield	4.50	4	5.42	3	5.81	2	5.19	2.15	95.2
Bullock	4.41	7	—	—	—	—	—	—	—
Chapais	4.01	16	5.26	8	5.67	5	4.91	2.03	90.0
Grant	4.18	13	5.03	12	—	—	—	—	—
Nordbec (OBS4869-7)	—	—	—	—	4.91	16	—	—	—
OAC Baxter	4.40	8	5.28	7	5.30	13	4.94	2.04	90.5
Sumosan	—	—	5.05	11	—	—	—	—	—
Mean	4.26	—	5.04	—	5.38	—	4.83	1.99	—

- * See attached map
- ** No. of locations
- *** Weighted average
- † hulless barley

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 2001-2003

Cultivar	II & IV	III	V & VI	PROVINCE***
AC Kings	100	97	100	99
AC Parkhill	100	101	104	102
AC Sterling	102	100	100	101
Benefit	104	103	102	103
Danuta	110	107	---	---
Formosa	110	---	---	---
Morrison	95	95	100	97
Sunderland	104	99	102	102
AC Alberte ¹	80	77	91	83
HB 348 ¹	96	89	78	---
AC Alma	---	109	105	---
AC Klinck	102	105	106	104
AC Stephen	92	85	97	92
AC Vision	111	107	94	104
ACCA	90	100	110	100
Balance	---	111	---	---
Brooke	---	---	107	---
Brucefield	106	108	108	107
Bullock	103	---	---	---
Chapais	94	104	105	101
Grant	98	100	---	---
Nordbec (OBS4869-7)	---	---	91	---
OAC Baxter	103	105	99	102
Sumosan	---	100	---	---
Mean yield t/ha	4.26	5.04	5.38	4.83

¹ hulless barley

*** Weighted average

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 2002-2003

Cultivar	II & IV(7)**		III(4)		V & VI(6)		PROVINCE***(17)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	t/ac	bu/a
AC Kings	3.91	13	4.86	19	5.20	21	4.59	1.90	84.2
AC Parkhill	3.72	18	4.81	21	5.50	11	4.60	1.90	84.4
AC Sterling	3.88	16	4.90	18	5.16	22	4.57	1.89	83.9
Benefit	3.97	11	4.93	17	5.37	14	4.69	1.94	86.0
Charlotte (CH9118-5)	4.06	8	5.28	8	5.34	15	4.80	1.98	88.0
Chief (CH9202-32)	4.00	9	5.17	12	5.76	3	4.90	2.02	89.8
Danuta	4.19	5	4.97	13	5.32	18	4.77	1.97	87.5
Formosa	4.29	3	—	—	—	—	—	—	—
Morrison	3.51	23	4.77	23	5.22	20	4.41	1.82	80.9
Sunderland	3.91	14	4.80	22	5.33	16	4.62	1.91	84.8
AC Alberta ¹	3.00	25	3.54	27	3.98	28	3.47	1.44	—
HB 348 ¹	3.63	21	4.13	25	4.53	27	4.06	1.68	—
AC Alma	—	—	5.42	5	5.65	6	—	—	—
AC Klinck	3.99	10	5.22	11	5.70	5	4.88	2.02	89.5
AC Stephen	3.54	22	4.09	26	5.03	26	4.20	1.73	77.0
AC Vision	4.30	2	5.23	10	5.04	24	4.78	1.98	87.7
ACCA	3.43	24	4.83	20	5.78	2	4.59	1.89	84.1
Balance	—	—	5.56	1	5.99	1	—	—	—
Brooke	—	—	—	—	5.61	9	—	—	—
Brucefield	4.10	7	5.43	4	5.64	8	4.96	2.05	90.9
Bullock	3.91	15	4.77	24	5.03	25	4.51	1.86	82.6
Chapais	3.69	19	5.30	7	5.71	4	4.78	1.98	87.7
Grant	3.75	17	4.93	16	—	—	—	—	—
Nordbec (OBS4869-7)	—	—	—	—	5.11	23	—	—	—
OAC Baxter	3.93	12	5.24	9	5.23	19	4.69	1.94	86.1
Sumosan	—	—	4.96	14	5.60	10	—	—	—
C414-004	3.66	20	4.94	15	5.33	17	4.55	1.88	83.4
CRB996028	4.15	6	5.47	2	5.39	13	4.90	2.02	89.8
GB966057-1	4.22	4	5.37	6	5.41	12	4.91	2.03	90.0
GB966057-2	4.31	1	5.47	3	5.65	7	5.06	2.09	92.7
Mean	3.88	—	4.98	—	5.34	—	4.62	1.91	—

* See attached map

** No. of locations

*** Weighted average

¹ hulless barley

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 2002-2003

Cultivar	II & IV	III	V & VI	PROVINCE***
AC Kings	101	98	97	99
AC Parkhill	96	97	103	98
AC Sterling	100	99	97	98
Benefit	102	99	101	101
Charlotte (CH9118-5)	105	106	100	103
Chief (CH9202-32)	103	104	108	105
Danuta	108	100	100	103
Formosa	111	—	—	—
Morrison	91	96	98	94
Sunderland	101	96	100	99
AC Alberte ¹	77	71	74	75
HB 348 ¹	93	83	85	88
AC Alma	—	109	106	—
AC Klinck	103	105	107	105
AC Stephen	91	82	94	90
AC Vision	111	105	94	104
ACCA	88	97	108	97
Balance	—	112	112	—
Brooke	—	—	105	—
Brucefield	106	109	106	106
Bullock (C332-009)	101	96	94	97
Chapais	95	107	107	102
Grant	97	99	—	—
Nordbec (OBS4869-7)	—	—	96	—
OAC Baxter	101	105	98	101
Sumosan	—	100	105	—
C414-004	94	99	100	97
CRB996028	107	110	101	105
GB966057-1	109	108	101	106
GB966057-2	111	110	106	109
Mean yield t/ha	3.88	4.98	5.34	4.62

¹ hulless barley

*** Weighted average

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 2003

Cultivar	II & IV(3)**		III(2)		V & VI(3)		PROVINCE*** (8)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	t/ac	bu/a
AC Kings	4.45	12	4.48	37	5.46	29	4.83	2.00	88.6
AC Parkhill	3.98	30	4.86	26	5.76	18	4.87	2.01	89.3
AC Metcalfe	3.98	31	4.07	42	5.07	41	4.41	1.82	80.8
AC Sterling	4.25	20	5.04	19	5.19	37	4.80	1.98	88.0
Benefit	4.24	21	4.55	36	5.31	33	4.72	1.95	86.5
CDC Stratus	4.00	29	4.43	39	5.16	38	4.54	1.88	83.3
Charlotte (CH9118-5)	4.34	17	5.09	16	5.32	31	4.89	2.02	89.7
Chief (CH9202-32)	4.17	24	5.16	13	5.27	35	4.83	2.00	88.6
Danuta	4.43	14	4.80	32	4.86	43	4.68	1.94	85.9
Formosa	4.50	11	—	—	—	—	—	—	—
Morrison	3.62	37	4.44	38	5.31	32	4.46	1.84	81.8
Newdale	4.31	18	4.76	34	5.75	20	4.96	2.05	91.0
Sunderland	4.16	25	4.81	29	5.61	28	4.87	2.01	89.2
CFO 303-019	—	—	5.38	8	5.90	12	—	—	—
T316-013	4.19	22	4.82	28	5.28	34	4.76	1.97	87.2
AC Alberta ¹	3.36	38	3.45	44	4.22	45	3.70	1.53	—
HB 348 ¹	4.18	23	3.97	43	4.84	44	4.37	1.81	—
AC Alma	—	—	5.40	7	6.44	3	—	—	—
AC Klinck	4.42	15	4.96	22	5.89	14	5.11	2.11	93.6
AC Stephen	3.73	36	3.42	45	5.08	40	4.16	1.72	76.2
AC Vision	4.66	6	4.63	35	5.14	39	4.83	2.00	88.6
ACCA	3.92	32	5.21	11	5.82	16	4.96	2.05	90.9
Balance	4.04	28	5.53	6	6.46	2	5.32	2.20	97.6
Booster	—	—	4.96	21	5.97	11	—	—	—
Brooke	3.91	33	4.39	40	5.89	13	4.77	1.97	87.5
Brucefield	4.44	13	5.61	5	5.72	23	5.21	2.15	95.6
Bullock	4.27	19	4.36	41	4.88	42	4.52	1.87	82.9
Chapais	4.11	26	5.11	14	6.26	4	5.16	2.13	94.7
Cyane (CFO142AA45)	—	—	5.84	2	6.15	8	—	—	—
Grant	4.10	27	4.88	24	—	—	—	—	—
Nordbec (OBS4869-7)	—	—	—	—	5.67	25	—	—	—
OAC Baxter	4.51	10	4.87	25	5.33	30	4.91	2.03	89.9
Sumosan	—	—	4.84	27	5.76	19	—	—	—
AB183-5	3.89	34	5.98	1	6.16	6	5.27	2.18	96.6
ADB006055	5.05	2	4.78	33	5.74	22	5.24	2.17	96.1
ADB006073	4.87	5	4.94	23	5.20	36	5.02	2.07	91.9
B1602	3.24	39	4.99	20	6.16	7	4.77	1.97	87.4
C414-004	3.88	35	4.80	31	5.63	26	4.77	1.97	87.4
CFO141AA7	—	—	5.27	10	5.63	27	—	—	—
CFO35AA1	—	—	4.81	30	5.74	21	—	—	—
CMB006047	4.97	3	5.09	15	6.49	1	5.57	2.30	102.1
CRB996028	4.38	16	5.09	17	6.16	5	5.23	2.16	95.8
GB006028	5.28	1	5.08	18	5.88	24	5.38	2.22	98.7
GB006076	4.96	4	5.82	3	6.00	10	5.56	2.30	102.0
GB966057-1	4.61	8	5.31	9	5.83	15	5.24	2.17	96.1
GB966057-2	4.64	7	5.20	12	6.15	9	5.34	2.21	98.0
OBS4898-15	4.56	9	5.82	4	5.80	17	5.34	2.21	97.9
Mean	4.27	—	4.91	—	5.63	—	4.90	2.03	—

* See attached map
** No. of locations

*** Weighted average
¹ hulless barley

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 2003

Cultivar	II & IV	III	V & VI	PROVINCE***
AC Kings	104	91	97	98
AC Parkhill	93	99	102	98
AC Metcalfe ^m	93	83	90	89
AC Sterling	100	103	92	98
Benefit	99	93	94	96
CDC Stratus ^m	94	90	92	92
Charlotte (CH9118-5)	102	104	94	99
Chief (CH9202-32)	98	105	94	98
Danuta	104	98	86	96
Formosa	105	—	—	—
Morrison	85	90	94	90
Newdale ^m	101	97	102	100
Sunderland	97	98	100	98
CFO 303-019	—	110	105	—
T316-013	98	98	94	97
AC Alberte ¹	79	70	75	76
HB 348 ¹	98	81	86	89
AC Alma	—	110	115	—
AC Klinck	103	101	105	103
AC Stephen	87	70	90	85
AC Vision	109	94	91	99
ACCA	92	106	104	100
Balance	95	113	115	107
Booster	—	101	106	—
Brooke	92	89	105	96
Brucefield	104	114	102	106
Bullock (C332-009)	100	89	87	92
Chapais	96	104	111	104
Cyane (CFO142AA45)	—	119	109	—
Grant	96	99	—	—
Nordbec (OBS4869-7)	—	—	101	—
OAC Baxter	105	99	95	100
Sumosan	—	98	102	—
AB183-5	91	122	110	106
ADB006055	118	97	102	107
ADB006073	114	101	93	103
B1602 ^m	76	101	109	95
C414-004	91	98	100	96
CFO141AA7	—	107	100	—
CFO35AA1	—	98	102	—
CMB006047	116	104	115	113
CRB996028	103	104	110	105
GB006028	124	103	101	110
GB006076	116	118	107	113
GB966057-1	108	108	104	106
GB966057-2	109	106	109	108
OBS4898-15	107	118	103	108
Mean yield t/ha	4.27	4.91	5.63	4.90

¹ hulless barley

^m malting barley

*** Weighted average

**TESTING AREA II & IV
BARLEY
Yield data for 2003**

Cultivar	Yield (kg/ha) <i>at</i>				Average			
	Perth	Huron	Wellington I	Wellington II	t/ha	Rank	t/ac	bu/a
AC Kings	5155	3660	4904	4071	4.45	12	1.84	81.5
AC Parkhill	4580	3490	4958	2901	3.98	30	1.65	73.0
AC Metcalfe ^m	4325	3280	4439	3871	3.98	31	1.64	72.9
AC Sterling	4855	3460	4832	3862	4.25	20	1.76	78.0
Benefit	4850	3450	5128	3513	4.24	21	1.75	77.6
CDC Stratus ^m	4845	2970	4221	3948	4.00	29	1.65	73.3
Charlotte (CH9118-5)	4928	3560	4853	4027	4.34	17	1.79	79.6
Chief (CH9202-32)	4535	3390	4792	3975	4.17	24	1.72	76.5
Danuta	4998	4080	4935	3725	4.43	14	1.83	81.3
Formosa	5015	3950	4666	4385	4.50	11	1.86	82.6
Morrison	4078	2990	4259	3171	3.62	37	1.50	66.4
Newdale ^m	4918	2950	4788	4588	4.31	18	1.78	79.0
Sunderland	4933	3290	4506	3898	4.16	25	1.72	76.2
T316-013	5090	3540	4779	3342	4.19	22	1.73	76.8
AC Alberta ¹	3908	2770	3736	3032	3.36	38	1.39	—
HB 348 ¹	4275	3600	4788	4040	4.18	23	1.73	—
AC Klinck	4965	3870	4800	4035	4.42	15	1.83	81.0
AC Stephen	4073	3250	4186	3402	3.73	36	1.54	68.3
AC Vision	4828	3710	4698	5407	4.66	6	1.93	85.4
ACCA	4338	2800	4171	4353	3.92	32	1.62	71.8
Balance	4505	3210	4393	4065	4.04	28	1.67	74.1
Brooke	4253	3520	4237	3634	3.91	33	1.62	71.7
Brucefield	4783	3190	4718	5076	4.44	13	1.84	81.4
Bullock (C332-009)	4983	3600	4677	3807	4.27	19	1.76	78.2
Chapals	4533	4030	3836	4025	4.11	26	1.70	75.3
Grant	4603	3220	4328	4253	4.10	27	1.69	75.2
OAC Baxter	5105	3550	4669	4699	4.51	10	1.86	82.6
AB183-5	4185	3360	3591	4443	3.89	34	1.61	71.4
ADB006055	5998	3740	5485	4968	5.05	2	2.09	92.5
ADB006073	6348	3820	4797	4535	4.87	5	2.01	89.4
B1602 ^m	3740	2880	3286	3037	3.24	39	1.34	59.3
C414-004	4288	2810	3884	4546	3.88	35	1.60	71.2
CMB006047	6375	3810	5412	4285	4.97	3	2.05	91.1
CRB996028	4693	3990	4326	4520	4.38	16	1.81	80.3
GB006028	6340	3520	5592	5659	5.28	1	2.18	96.8
GB006076	5885	4000	4918	5019	4.96	4	2.05	90.8
GB966057-1	5485	4140	4317	4479	4.61	8	1.90	84.4
GB966057-2	5658	3700	4310	4875	4.64	7	1.92	85.0
OBS4898-15	4608	3920	4553	5143	4.56	9	1.88	83.5
MEAN	4868	3489	4558	4170	4.27	—	1.76	—
C.V.%	6.32	13.70	8.20	9.51	—	—	—	—

¹ hulless barley
^m malting barley

**TESTING AREA II & IV
BARLEY
AGRONOMIC DATA, 1999-2003**

Cultivar	Yield t/ha (17)*	wt/hl kg (17)	Kernel Weight g/1000 (16)	Height cm (17)	Lodging 0-9 (12)	Maturity ^a days (6)	Mildew 0-9 (14)	Leaf Rust 0-9 (9)	Scald 0-9** (5)
AC Kings	4.29	63.1	48.3	90	2.9	94	4.0	4.2	3.7
AC Parkhill	4.48	64.3	44.9	79	3.1	92	0.4	4.0	3.8
AC Sterling	4.39	64.4	43.9	83	2.8	94	0.2	3.2	4.1
Benefit	4.59	64.1	43.6	78	2.4	92	0.0	3.2	4.6
Formosa	4.67	63.5	46.2	78	3.5	91	0.1	0.8	3.5
Morrison	4.26	64.9	44.1	78	3.2	92	0.1	3.4	3.4
Sunderland	4.57	63.8	44.6	80	2.7	93	0.1	3.7	4.6
AC Alberte ¹	3.58	71.3	43.1	81	2.3	93	0.2	3.9	3.7
AC Stephen	4.21	59.9	38.3	89	2.9	91	4.0	4.7	3.2
AC Vision	4.87	58.7	41.9	75	2.4	91	0.0	4.6	1.9
ACCA	3.99	57.3	37.6	85	3.2	92	2.2	4.8	2.2
Brucefield	4.82	60.0	40.7	85	2.1	93	1.8	3.8	2.6
Chapais	4.38	57.2	42.6	80	2.7	89	4.2	4.2	3.6
Grant	4.36	60.2	40.1	93	3.5	92	2.3	3.7	2.7
OAC Baxter	4.58	60.9	41.6	92	2.2	91	1.9	5.1	3.3

* no. of locations

^a no. of days from seeding to maturity

¹ hulless barley

** 1999 -2001 and 2003 Data Only

**TESTING AREA II & IV
BARLEY
AGRONOMIC DATA, 2000-2003**

Cultivar	Yield t/ha (13)*	wt/hl kg (14)	Kernel Weight g/1000 (13)	Height cm (12)	Lodging 0-9 (10)	Maturity ^a days (4)	Mildew 0-9 (11)	Leaf Rust 0-9 (7)	Scald 0-9** (4)
AC Kings	4.16	63.0	48.1	92	3.2	95	4.3	4.0	3.8
AC Parkhill	4.29	64.2	44.7	80	3.6	94	0.1	3.9	3.5
AC Sterling	4.27	64.4	43.6	85	3.3	95	0.2	3.2	4.1
Benefit	4.41	64.0	43.3	80	2.6	93	0.0	3.1	4.8
Danuta	4.59	60.0	45.2	80	2.4	94	0.0	1.6	3.6
Formosa	4.57	63.7	46.1	81	3.9	92	0.1	1.1	3.3
Morrison	4.07	64.6	43.8	80	3.5	93	0.1	3.3	3.2
Sunderland	4.42	63.9	44.4	82	2.6	93	0.2	4.0	4.9
AC Alberte ¹	3.39	71.8	43.3	83	2.5	94	0.2	4.1	3.6
AC Klinck	4.27	57.1	44.4	95	3.7	92	3.3	4.7	3.9
AC Stephen	3.96	59.6	38.3	91	3.4	92	5.3	4.9	3.1
AC Vision	4.72	58.8	42.1	77	3.0	92	0.0	4.7	1.7
ACCA	3.77	56.9	37.0	87	3.7	93	3.0	4.6	1.8
Brucefield	4.56	59.7	40.4	88	2.6	94	2.6	3.8	2.4
Chapais	4.10	57.3	42.7	82	3.5	91	5.7	4.1	3.7
Grant	4.13	60.2	39.6	96	4.2	93	3.7	3.6	2.4
OAC Baxter	4.43	60.9	41.5	95	2.8	92	2.9	5.1	3.3

* no. of locations

^a no. of days from seeding to maturity

¹ hulless barley

** 2000,2001 and 2003 Data Only

**TESTING AREA II & IV
BARLEY
AGRONOMIC DATA, 2001-2003**

Cultivar	Yield t/ha (10)*	wt/hl kg (11)	Kernel Weight g/1000 (10)	Height cm (9)	Lodging 0-9 (7)	Maturity ^a days (3)	Mildew 0-9 (8)	Leaf Rust 0-9 (4)	Scald 0-9 ** (3)
AC Kings	4.25	63.7	48.8	90	3.2	92	4.5	5.9	4.8
AC Parkhill	4.26	64.5	45.0	79	3.9	90	0.0	5.5	4.6
AC Sterling	4.34	64.9	44.5	85	3.7	91	0.1	5.1	5.1
Benefit	4.45	64.5	43.9	78	3.0	90	0.0	4.4	5.8
Danuta	4.71	61.6	47.2	80	3.1	92	0.0	2.8	4.2
Formosa	4.69	64.8	47.6	81	4.1	90	0.1	1.9	4.0
Morrison	4.05	65.0	44.8	78	3.7	90	0.1	1.0	4.1
Sunderland	4.42	64.6	45.7	82	2.7	91	0.3	5.9	5.8
AC Alberte ¹	3.43	72.6	44.7	82	2.4	91	0.1	5.6	4.5
HB 348 ¹	4.08	73.4	42.5	72	2.1	88	0.6	4.4	2.3
AC Klinck	4.35	57.9	45.2	95	3.9	89	3.1	6.1	4.8
AC Stephen	3.91	60.5	38.7	90	3.3	89	5.1	6.3	3.6
AC Vision	4.71	59.7	42.9	77	3.7	90	0.0	6.5	1.6
ACCA	3.85	57.7	38.1	86	3.9	89	3.0	6.8	2.3
Brucefield	4.50	60.5	41.3	88	2.9	90	2.5	5.4	3.2
Bullock	4.41	62.7	36.2	85	2.9	91	4.0	5.3	4.8
Chapais	4.01	58.0	43.3	81	3.4	88	5.8	6.4	4.6
Grant	4.18	61.4	40.4	95	4.5	90	4.4	5.1	2.9
OAC Baxter	4.40	61.7	41.8	93	2.9	89	3.3	6.5	4.1

* no. of locations

^a no. of days from seeding to maturity

¹ hulless barley

** 2001 and 2003 Data Only

**TESTING AREA II & IV
BARLEY
AGRONOMIC DATA, 2002-03**

Cultivar	Yield t/ha (7)*	wt/hl kg (7)	Kernel Weight g/1000 (6)	Height cm (7)	Lodging 0-9 (6)	Maturity ^a days (5)	Mildew 0-9 (5)	Leaf Rust 0-9 (2)	Scald 0-9** (2)
AC Kings	3.91	62.3	47.4	87	2.9	91	4.4	5.5	4.1
AC Parkhill	3.72	62.0	42.6	76	4.4	89	0.0	5.5	3.4
AC Sterling	3.88	62.7	42.5	80	3.7	91	0.2	5.0	4.8
Benefit	3.97	62.1	41.6	75	3.4	92	0.0	4.7	5.3
Charlotte (CH9118-5)	4.06	60.7	44.0	81	2.9	91	0.0	4.7	5.4
Chief (CH9202-32)	4.00	58.8	48.5	87	4.8	93	0.7	5.2	5.0
Danuta	4.19	60.1	45.7	77	3.0	92	0.1	2.7	2.8
Formosa	4.29	63.2	46.0	77	4.3	91	0.2	2.5	3.2
Morrison	3.51	62.5	42.2	75	4.1	89	0.0	4.9	3.0
Sunderland	3.91	62.4	43.3	79	3.1	90	0.4	5.5	5.4
AC Alberte ¹	3.00	70.6	42.9	78	2.4	93	0.2	5.7	4.6
HB 348 ¹	3.63	71.5	40.9	69	2.1	88	0.9	4.7	1.2
AC Klinck	3.99	56.4	44.0	92	3.8	90	3.3	5.5	3.4
AC Stephen	3.54	59.1	37.1	84	3.1	88	4.9	5.7	1.2
AC Vision	4.30	57.9	41.0	75	3.7	90	0.0	6.4	3.9
ACCA	3.43	56.4	36.8	82	3.8	90	2.9	6.2	2.4
Brucefield	4.10	58.9	39.2	84	3.3	90	3.0	5.3	0.5
Bullock (C332-009)	3.91	60.6	34.2	80	3.1	90	4.2	5.0	1.2
Chapais	3.69	56.8	42.3	79	3.5	88	5.9	6.3	3.8
Grant	3.75	60.1	38.8	90	5.0	89	5.3	4.7	1.7
OAC Baxter	3.93	60.4	39.7	88	2.9	88	3.5	6.5	3.1
C414-004	3.66	56.2	37.6	81	4.8	91	3.7	7.0	2.1
CRB996028	4.15	58.4	43.2	92	3.4	91	4.6	4.7	2.9
GB966057-1	4.22	61.5	38.6	84	3.6	89	1.8	3.7	2.9
GB966057-2	4.31	61.0	37.4	80	2.1	89	5.2	4.7	4.2

* no. of locations

^a no. of days from seeding to maturity

¹ hulless barley

** 2003 Data Only

**TESTING AREA II & IV
BARLEY
AGRONOMIC DATA, 2003**

Cultivar	Yield t/ha (4)*	wt/hl kg (4)	Kernel Weight g/1000 (4)	Height cm (3)	Lodging 0-9 (3)	Maturity ^a days (1)	Mildew 0-9 (3)	Leaf Rust 0-9 (1)	Scald 0-9 (2)
AC Kings	4.45	61.5	48.2	92	3.9	91	4.2	1.5	4.1
AC Parkhill	3.98	60.6	42.8	80	5.6	90	0.0	0.5	3.4
AC Metcalfe ^m	3.98	57.6	38.6	84	5.2	91	1.5	1.5	3.3
AC Sterling	4.25	61.6	42.6	82	4.7	92	0.3	1.0	4.8
Benefit	4.24	60.7	42.0	78	4.1	94	0.0	0.0	5.3
CDC Stratus ^m	4.00	57.2	41.3	78	5.4	90	5.6	0.0	2.9
Charlotte (CH9118-5)	4.34	60.0	44.4	85	3.4	92	0.0	0.0	5.0
Chief (CH9202-32)	4.17	57.8	48.5	92	6.6	95	0.1	0.5	4.6
Danuta	4.43	59.3	47.7	83	3.0	93	0.1	0.0	2.8
Formosa	4.50	61.7	47.2	80	5.3	92	0.0	0.0	3.2
Morrison	3.62	60.6	42.0	79	5.2	90	0.0	0.0	3.0
Newdale ^m	4.31	58.1	40.6	76	2.4	89	2.4	0.0	2.2
Sunderland	4.16	61.5	43.6	82	3.8	91	0.7	1.5	5.4
T316-013	4.19	61.5	41.2	81	3.0	95	0.0	0.0	5.0
AC Alberte ¹	3.36	69.1	44.7	81	3.0	95	0.3	0.0	3.4
HB 348 ¹	4.18	69.2	42.2	73	2.7	89	1.1	0.0	1.2
AC Klinck	4.42	56.5	44.3	97	4.7	91	4.1	1.5	3.9
AC Stephen	3.73	57.9	37.0	88	3.2	89	4.8	0.0	2.4
AC Vision	4.66	57.7	42.9	79	4.0	91	0.0	2.5	0.5
ACCA	3.92	57.8	37.6	85	3.9	91	3.2	3.5	1.2
Balance	4.04	59.9	41.4	91	2.5	91	4.4	4.0	4.5
Brooke	3.91	59.2	35.6	91	5.4	91	5.3	2.0	2.7
Brucefield	4.44	58.2	39.2	88	4.5	91	3.7	0.0	2.0
Bullock (C332-009)	4.27	60.2	34.8	86	3.8	91	5.4	0.0	3.9
Chapais	4.11	56.6	41.8	83	4.9	89	6.2	2.0	3.8
Grant	4.10	58.3	38.1	94	6.9	90	6.6	0.0	1.7
OAC Baxter	4.51	60.0	40.8	89	3.5	89	4.3	4.0	3.1
AB183-5	3.89	55.3	40.4	95	5.5	95	7.1	0.0	1.4
ADB006055	5.05	59.7	44.2	91	2.1	92	0.0	0.0	5.0
ADB006073	4.87	57.5	43.7	87	4.1	90	0.7	0.0	4.5
B1602 ^m	3.24	55.3	31.0	91	4.8	93	6.7	3.5	2.2
C414-004	3.88	55.1	36.8	84	6.4	92	4.9	3.5	2.1
CMB006047	4.97	60.8	42.9	92	4.4	89	0.0	0.0	3.3
CRB996028	4.38	56.9	42.8	96	4.4	92	6.1	0.0	2.9
GB006028	5.28	57.2	47.8	91	4.3	93	0.1	0.0	1.8
GB006076	4.96	59.5	45.2	90	4.3	93	0.0	0.0	4.9
GB966057-1	4.61	59.7	38.7	86	4.7	90	1.0	0.0	2.9
GB966057-2	4.64	59.9	36.8	84	2.6	90	6.5	0.0	4.2
OBS4898-15	4.56	57.5	42.8	93	4.5	92	5.7	1.0	2.4

* no. of locations

^a no. of days from seeding to maturity

¹ hullless barley

^m malting barley

**TESTING AREA III
BARLEY
Yield data for 2003**

Cultivar	Yield (kg/ha)		Average			
	Carleton	Stormont, Dundas & Glengarry	t/ha	Rank	t/ac	bu/a
AC Kings	3612	5340	4.48	37	1.85	82.1
AC Parkhill	3882	5830	4.86	26	2.01	89.0
AC Metcalfe ^m	3454	4680	4.07	42	1.68	74.6
AC Sterling	4236	5840	5.04	19	2.08	92.4
Benefit	3561	5540	4.55	36	1.88	83.4
CDC Stratus ^m	3178	5680	4.43	39	1.83	81.2
Charlotte (CH9118-5)	4167	6020	5.09	16	2.10	93.4
Chief (CH9202-32)	4848	5470	5.16	13	2.13	94.6
Danuta	4791	4800	4.80	32	1.98	87.9
Morrison	3658	5220	4.44	38	1.83	81.4
Newdale ^m	3951	5560	4.76	34	1.97	87.2
Sunderland	4499	5120	4.81	29	1.99	88.2
CFO 303-019	4867	5900	5.38	8	2.22	98.7
T316-013	4009	5640	4.82	28	1.99	88.4
AC Alberte ¹	2770	4120	3.45	44	1.42	—
HB 348 ¹	3568	4370	3.97	43	1.64	—
AC Alma	4831	5970	5.40	7	2.23	99.0
AC Klinck	4272	5650	4.96	22	2.05	91.0
AC Stephen	3600	3230	3.42	45	1.41	62.6
AC Vision	3429	5840	4.63	35	1.92	85.0
ACCA	4467	5960	5.21	11	2.15	95.6
Balance	4917	6140	5.53	6	2.28	101.4
Booster	4295	5630	4.96	21	2.05	91.0
Brooke	3155	5620	4.39	40	1.81	80.4
Brucefield	5150	6070	5.61	5	2.32	102.9
Bullock (C332-009)	3969	4760	4.36	41	1.80	80.0
Chapais	4358	5870	5.11	14	2.11	93.8
Cyane (CFO142AA45)	5564	6120	5.84	2	2.41	107.1
Grant	4878	4890	4.88	24	2.02	89.5
OAC Baxter	4206	5540	4.87	25	2.01	89.3
Sumosan	3771	5900	4.84	27	2.00	88.7
AB183-5	5956	6010	5.98	1	2.47	109.7
ADB006055	4239	5330	4.78	33	1.98	87.7
ADB006073	4376	5510	4.94	23	2.04	90.6
B1602 ^m	4324	5650	4.99	20	2.06	91.4
C414-004	3728	5880	4.80	31	1.99	88.1
CFO141AA7	4500	6030	5.27	10	2.18	96.5
CFO35AA1	4250	5360	4.81	30	1.99	88.1
CMB006047	4318	5870	5.09	15	2.10	93.4
CRB996028	4751	5420	5.09	17	2.10	93.2
GB006028	4659	5510	5.08	18	2.10	93.2
GB006076	5413	6230	5.82	3	2.41	106.7
GB966057-1	4709	5910	5.31	9	2.19	97.3
GB966057-2	5060	5340	5.20	12	2.15	95.3
OBS4898-15	5813	5820	5.82	4	2.40	106.6
MEAN	4128	5281	4.70	—	1.99	—
C.V. %	11.4	7.9	—	—	—	—

¹ hulless barley
^m malting barley

**TESTING AREA III
BARLEY
AGRONOMIC DATA, 1999-2003**

Cultivar	Yield t/ha (9)*	wt/hl kg (9)	Kernel Weight g/1000 (9)	Height cm (9)	Lodging 0-9 (8)	Maturity ^a days (6)
AC Kings	4.41	70.2	50.1	81	2.9	89
AC Parkhill	4.70	70.1	44.9	73	3.1	88
AC Sterling	4.53	70.5	46.8	78	2.5	89
Benefit	4.70	69.3	44.6	73	2.8	87
Morrison	4.45	69.4	44.1	73	3.6	89
AC Alberte ¹	3.51	77.9	43.9	77	2.0	88
AC Alma	4.92	64.7	42.8	78	1.5	88
AC Stephen	4.04	66.6	36.9	80	3.6	86
AC Vision	4.81	66.5	43.3	68	2.6	87
ACCA	4.48	65.4	40.7	77	2.5	90
Brucefield	4.96	67.3	40.9	76	1.4	88
Chapais	4.84	65.6	45.0	72	2.4	85
Grant	4.66	66.8	39.5	85	2.7	89
OAC Baxter	4.79	69.3	43.6	83	1.9	88

* no. of locations

^a no. of days from seeding to maturity

¹ hulless barley

**TESTING AREA III
BARLEY
AGRONOMIC DATA, 2000-2003**

Cultivar	Yield t/ha (7)*	wt/hl kg (7)	Kernel Weight g/1000 (7)	Height cm (7)	Lodging 0-9 (6)	Maturity ^a days (5)
AC Kings	4.41	70.8	49.3	82	2.9	90
AC Parkhill	4.71	70.8	44.7	75	3.0	88
AC Sterling	4.61	71.4	47.3	80	2.2	90
Benefit	4.78	70.2	44.5	76	2.4	88
Danuta	5.01	68.7	49.7	79	1.9	90
Morrison	4.43	69.9	44.1	75	3.6	89
AC Alberte ¹	3.53	78.8	44.5	80	1.8	89
AC Alma	5.06	66.1	43.5	81	1.4	88
AC Klinck	4.94	67.1	47.2	87	2.9	89
AC Stephen	4.01	67.4	37.2	84	3.5	86
AC Vision	4.95	67.5	43.8	70	2.3	87
ACCA	4.50	66.3	40.9	79	2.1	90
Balance	5.21	69.4	43.3	85	1.2	88
Brucefield	5.08	68.7	41.4	79	0.9	89
Chapais	4.93	66.8	46.0	75	1.9	85
Grant	4.72	67.9	40.3	87	2.7	89
OAC Baxter	4.92	70.4	43.9	87	1.5	89

* no. of locations

^a no. of days from seeding to maturity

¹ hulless barley

**TESTING AREA III
BARLEY
AGRONOMIC DATA, 2001-2003**

Cultivar	Yield t/ha (6)*	wt/hl kg (6)	Kernel Weight g/1000 (6)	Height cm (6)	Lodging 0-9 (5)	Maturity ^a days (4)
AC Kings	4.87	71.6	51.1	84	3.3	89
AC Parkhill	5.08	71.4	46.4	76	3.6	88
AC Sterling	5.02	71.8	48.9	81	2.7	89
Benefit	5.17	71.1	46.2	75	2.9	87
Danuta	5.37	69.5	51.4	80	2.3	90
Morrison	4.80	70.1	45.4	75	4.3	88
AC Alberte ¹	3.86	79.3	45.8	79	1.7	89
HB 348 ¹	4.47	77.2	42.2	76	2.6	87
AC Alma	5.47	66.6	44.9	80	1.5	88
AC Klinck	5.31	67.6	49.0	82	3.2	88
AC Stephen	4.28	67.7	38.2	80	4.0	86
AC Vision	5.39	68.4	45.5	77	2.5	87
ACCA	5.01	67.5	42.5	80	2.3	90
Balance	5.60	70.2	45.1	81	1.3	87
Brucefield	5.42	69.1	42.1	78	1.1	89
Bullock	4.96	69.8	38.0	78	1.4	89
Chapais	5.26	66.9	47.3	75	1.9	84
Grant	5.03	68.4	41.2	77	3.3	89
OAC Baxter	5.28	70.9	45.3	78	1.6	88
Sumosan	5.05	69.6	40.0	78	4.3	88

* no. of locations

^a no. of days from seeding to maturity

¹ hulless barley

**TESTING AREA III
BARLEY
AGRONOMIC DATA, 2002-2003**

Cultivar	Yield t/ha (4)*	wt/hl kg (4)	Kernel Weight g/1000 (4)	Height cm (4)	Lodging 0-9 (3)	Maturity ^a days (3)	Mildew 0-9 ^{**} (1)
AC Kings	4.86	70.7	49.9	85	4.8	90	1
AC Parkhill	4.81	70.6	44.7	77	4.4	89	1
AC Sterling	4.90	70.2	47.6	81	3.9	90	1
Benefit	4.93	69.7	43.8	76	3.9	89	0
Charlotte (CH9118-5)	5.28	68.5	45.9	80	4.0	90	0
Chief (CH9202-32)	5.17	66.1	48.9	89	5.6	91	0
Danuta	4.97	67.9	49.8	82	3.5	91	0
Morrison	4.77	69.4	43.6	78	5.2	90	0
AC Alberte ¹	3.54	79.1	44.1	81	2.3	90	0
HB 348 ¹	4.13	76.9	39.8	69	4.0	88	0
AC Alma	5.42	66.1	43.2	83	2.1	89	2
AC Klinck	5.22	66.3	47.2	87	4.2	89	0
AC Stephen	4.09	65.7	35.9	87	5.6	86	2
AC Vision	5.23	66.9	43.1	70	3.9	88	0
ACCA	4.83	66.2	41.1	80	2.9	90	0
Balance	5.56	69.1	43.1	88	1.8	88	0
Brucefield	5.43	68.0	41.2	82	1.6	90	0
Bullock (C332-009)	4.77	68.1	36.0	80	1.6	90	0
Chapais	5.30	66.0	46.3	76	2.2	85	0
Grant	4.93	67.4	39.6	91	4.3	90	0
OAC Baxter	5.24	70.2	42.7	89	2.6	89	0
Sumosan	4.96	68.2	37.6	88	5.5	90	2
C414-004	4.94	65.7	42.4	79	3.8	86	0
CRB996028	5.47	68.1	46.4	90	1.4	87	1
GB966057-1	5.37	69.1	40.1	84	2.2	88	0
GB966057-2	5.47	68.4	37.9	79	0.6	90	0

* no. of locations

^a no. of days from seeding to maturity

¹ hulless barley

** 2002 Data Only

**TESTING AREA III
BARLEY
AGRONOMIC DATA, 2003**

Cultivar	Yield t/ha (2)*	wt/hi kg (2)	Kernel Weight g/1000 (2)	Height cm (2)	Lodging 0-9 (2)	Maturity ^a days (1)
AC Kings	4.48	68.8	49.6	74	6.0	88
AC Parkhill	4.86	68.2	44.8	70	4.8	87
AC Metcalfe ^m	4.07	61.5	41.2	68	5.6	89
AC Sterling	5.04	68.2	49.8	71	4.4	89
Benefit	4.55	67.8	43.7	66	3.4	86
Charlotte (CH9118-5)	5.09	65.2	46.0	70	3.9	88
Chief (CH9202-32)	5.16	63.7	49.0	79	5.9	89
CDC Stratus ^m	4.43	63.1	41.5	61	5.8	90
Danuta	4.80	65.9	49.2	74	3.4	90
Morrison	4.44	65.8	42.0	69	6.1	87
Newdale ^m	4.76	64.8	46.1	64	2.8	89
Sunderland	4.81	66.4	43.6	67	4.1	86
CFO 303-019	5.38	66.9	48.5	68	2.0	88
T316-013	4.82	68.0	43.7	70	4.3	87
AC Alberte ¹	3.45	75.7	41.4	68	2.5	89
HB 348 ¹	3.97	72.5	37.8	60	5.1	86
AC Alma	5.40	63.5	42.5	76	2.3	87
AC Klinck	4.96	64.9	45.9	76	4.5	87
AC Stephen	3.42	60.8	32.1	78	7.1	83
AC Vision	4.63	64.7	42.3	62	4.1	85
ACCA	5.21	63.6	40.5	70	2.1	88
Balance	5.53	66.9	42.5	80	1.9	87
Booster	4.96	62.8	38.6	70	2.8	89
Brooke	4.39	66.7	38.3	78	7.4	83
Brucefield	5.61	64.7	42.9	73	1.5	88
Bullock (C332-009)	4.36	63.1	33.8	69	1.3	88
Chapais	5.11	63.2	45.5	69	1.9	81
Cyane (CFO142AA45)	5.84	65.1	42.6	83	1.8	89
Grant	4.88	62.4	37.8	80	5.1	88
OAC Baxter	4.87	67.3	42.4	79	2.6	87
Sumosan	4.84	64.9	37.0	78	5.8	87
AB183-5	5.98	61.3	45.1	76	2.0	90
ADB006055	4.78	67.3	41.4	79	1.4	86
ADB006073	4.94	63.0	46.0	74	2.8	85
B1602 ^m	4.99	64.9	36.3	79	4.5	84
C414-004	4.80	62.6	43.4	70	3.8	83
CFO141AA7	5.27	63.4	40.7	86	3.3	88
CFO35AA1	4.81	66.1	43.3	79	1.9	88
CMB006047	5.09	65.9	41.5	80	3.1	83
CRB996028	5.09	65.0	45.0	80	1.1	84
GB006028	5.08	62.9	44.9	72	2.0	89
GB006076	5.82	65.3	45.0	76	1.1	88
GB966057-1	5.31	67.0	40.5	75	2.4	87
GB966057-2	5.20	65.6	38.1	70	0.5	88
OBS4898-15	5.82	63.7	45.2	74	2.1	88

* no. of locations

^a no. of days from seeding to maturity

¹ hulless barley

^m malting barley

**TESTING AREA V & VI
BARLEY
Yield data for 2003**

Cultivar	Yield (kg/ha)			Average			
	Temiskasing	Nipissing District	Thunder Bay	t/ha	Rank	t/ac	bu/a
	AC Kings	4866	4560	6950	5.46	29	2.26	100.1
AC Parkhill	5590	4762	6937	5.76	18	2.38	105.7
AC Metcalfe ^m	4685	3538	6981	5.07	41	2.09	92.9
AC Sterling	3783	5073	6704	5.19	37	2.14	95.1
Benefit	4830	4093	7002	5.31	33	2.19	97.3
CDC Stratus ^m	4869	3768	6854	5.16	38	2.13	94.7
Charlotte (CH9118-5)	4515	4637	6794	5.32	31	2.20	97.5
Chief (CH9202-32)	4442	4355	7024	5.27	35	2.18	96.7
Danuta	4566	3812	6196	4.86	43	2.01	89.1
Morrison	4713	4722	6499	5.31	32	2.19	97.4
Newdale ^m	5696	4866	6698	5.75	20	2.38	105.5
Sunderland	5175	5069	6591	5.61	28	2.32	102.9
CFO 303-019	5463	5081	7169	5.90	12	2.44	108.2
T316-013	4569	4499	6768	5.28	34	2.18	96.8
AC Alberte ¹	3835	3866	4961	4.22	45	1.74	---
HB 348 ¹	4225	3848	6439	4.84	44	2.00	---
AC Alma	6395	5186	7752	6.44	3	2.66	118.1
AC Klinck	5336	4147	8196	5.89	14	2.44	108.0
AC Stephen	4412	3913	6922	5.08	40	2.10	93.2
AC Vision	4724	3698	6997	5.14	39	2.12	94.2
ACCA	5722	4458	7293	5.82	16	2.41	106.8
Balance	6329	4963	8094	6.46	2	2.67	118.5
Booster	5203	5287	7427	5.97	11	2.47	109.5
Brooke	5348	5078	7256	5.89	13	2.44	108.1
Brucefield	5118	4029	8019	5.72	23	2.36	104.9
Bullock (C332-009)	4398	3809	6419	4.88	42	2.01	89.4
Chapais	5926	4488	8353	6.26	4	2.59	114.7
Cyane (CFO142AA45)	5770	5364	7322	6.15	8	2.54	112.8
Nordbec (OBS4869-7)	4853	4808	7355	5.67	25	2.34	104.0
OAC Baxter	5023	3808	7152	5.33	30	2.20	97.7
Sumosan	4964	4593	7712	5.76	19	2.38	105.5
AB183-5	6851	5034	6601	6.16	6	2.55	113.0
ADB006055	5384	4403	7427	5.74	22	2.37	105.2
ADB006073	4172	4326	7114	5.20	36	2.15	95.4
B1602	5960	4433	8073	6.16	7	2.54	112.9
C414-004	5554	4707	6632	5.63	26	2.33	103.2
CFO141AA7	5874	4212	6793	5.63	27	2.32	103.1
CFO35AA1	5397	4485	7342	5.74	21	2.37	105.3
CMB006047	6986	4525	7957	6.49	1	2.68	119.0
CRB996028	6761	4243	7485	6.16	5	2.55	113.0
GB006028	5175	4430	7449	5.68	24	2.35	104.2
GB006076	5764	4453	7789	6.00	10	2.48	110.0
GB966057-1	5737	4404	7354	5.83	15	2.41	106.9
GB966057-2	5393	4753	8296	6.15	9	2.54	112.7
OBS4898-15	5521	4194	7684	5.80	17	2.40	106.3
MEAN	5242	4462	7174	5.63	—	2.32	—
C.V.%	13.78	12.15	8.45	—	—	—	—

¹ hulless barley
^m malting barley

**TESTING AREA V & VI
BARLEY
AGRONOMIC DATA, 1999-2003**

Cultivar	Yield t/ha (13)*	wt/hl kg (13)	Kernel Weight g/1000 (13)	Height cm (13)	Lodging 0-9 (6) †	Maturity [‡] days (10)
AC Kings	5.17	65.6	48.1	82	0.8	96
AC Parkhill	5.26	66.4	45.6	72	0.7	94
AC Sterling	5.09	66.1	45.4	79	0.3	96
Benefit	5.37	65.5	43.3	70	0.3	94
Morrison	5.04	66.7	45.0	73	0.8	94
Sunderland	5.29	66.6	44.7	74	0.8	94
AC Alberte ¹	4.03	67.1	41.8	74	0.3	95
AC Alma	5.35	60.3	42.9	74	0.5	96
AC Stephen	5.13	61.9	39.1	78	0.8	95
AC Vision	5.00	61.0	41.3	66	0.6	95
ACCA	5.63	62.3	41.9	77	0.9	97
Brooke	5.68	63.8	39.2	76	0.8	94
Brucefield	5.66	61.6	40.1	75	0.6	96
Chapais	5.59	61.2	44.6	69	0.5	94
OAC Baxter	5.07	63.0	44.3	80	0.2	96

* no. of locations

‡ no. of days from seeding to maturity

¹ hulless barley

**TESTING AREA V & VI
BARLEY
AGRONOMIC DATA, 2000-2003**

Cultivar	Yield t/ha (11)*	wt/hl kg (11)	Kernel Weight g/1000 (11)	Height cm (11)	Lodging 0-9 (4)	Maturity [‡] days (8)
AC Kings	5.19	66.3	47.6	82	1.0	95
AC Parkhill	5.27	67.1	46.2	72	0.5	94
AC Sterling	5.12	66.8	45.3	79	0.5	96
Benefit	5.37	66.1	42.7	70	0.5	94
Morrison	5.13	67.8	45.5	73	0.7	94
Sunderland	5.34	67.1	46.5	74	0.8	94
AC Alberte ¹	4.06	68.2	41.6	74	0.3	94
AC Alma	5.46	61.1	42.3	75	0.7	96
AC Klinck	5.59	62.0	47.1	84	0.7	96
AC Stephen	5.15	62.4	38.9	78	0.7	95
AC Vision	5.01	62.0	41.5	66	0.8	95
ACCA	5.73	63.1	41.7	77	1.4	96
Brooke	5.60	64.1	38.9	76	1.2	93
Brucefield	5.62	62.2	39.6	75	0.8	97
Chapais	5.56	61.7	44.0	69	0.7	94
OAC Baxter	5.08	63.6	43.7	80	0.3	95

* no. of locations

‡ no. of days from seeding to maturity

¹ hulless barley

**TESTING AREA V & VI
BARLEY
AGRONOMIC DATA, 2001-2003**

Cultivar	Yield t/ha (9)*	wt/hl kg (9)	Kernel Weight g/1000 (9)	Height cm (9)	Lodging 0-9 (3)	Maturity ^a days (6)
AC Kings	5.41	66.0	47.8	81	1.3	95
AC Parkhill	5.59	67.0	46.6	71	0.7	93
AC Sterling	5.37	66.1	45.4	78	0.7	95
Benefit	5.51	65.6	43.1	69	0.7	93
Morrison	5.39	67.6	45.6	72	0.7	93
Sunderland	5.51	66.6	47.0	73	1.0	94
AC Alberte ¹	4.18	66.9	41.0	73	0.3	94
HB 348 ¹	4.88	67.9	42.3	68	0.7	96
AC Alma	5.65	60.8	42.1	72	0.9	95
AC Klinck	5.68	61.5	47.6	81	0.7	95
AC Stephen	5.24	61.8	39.0	74	0.7	94
AC Vision	5.06	61.6	40.9	65	1.1	94
ACCA	5.93	62.9	42.2	76	1.8	96
Brooke	5.75	63.6	39.2	74	0.3	93
Brucefield	5.81	61.6	39.1	72	1.0	96
Chapais	5.67	61.4	44.1	66	0.7	94
Nordbec (OBS4869-7)	5.07	62.8	42.8	69	1.1	91
OAC Baxter	5.30	63.2	43.9	79	0.3	95

* no. of locations

^a no. of days from seeding to maturity

¹ hulless barley

**TESTING AREA V & VI
BARLEY
AGRONOMIC DATA, 2002-03**

Cultivar	Yield t/ha (6)*	wt/hl kg (6)	Kernel Weight g/1000 (6)	Height cm (6)	Lodging 0-9 (2)	Maturity ^a days (4)
AC Kings	5.20	64.5	46.6	82	2.0	94
AC Parkhill	5.50	65.8	46.1	71	1.0	92
AC Sterling	5.16	64.4	44.4	79	1.0	94
Benefit	5.37	64.4	42.0	70	1.0	92
Charlotte (CH9118-5)	5.34	63.1	46.2	75	1.0	93
Chief (CH9202-32)	5.76	61.8	49.8	84	1.5	93
Danuta	5.32	62.6	46.8	78	1.0	94
Morrison	5.22	65.9	45.2	73	1.0	92
Sunderland	5.33	65.1	46.0	73	1.5	93
AC Alberte ¹	3.98	65.8	39.6	74	0.5	93
HB 348 ¹	4.53	65.0	41.6	68	1.0	95
AC Alma	5.65	59.1	41.3	74	1.0	94
AC Klinck	5.70	60.8	47.4	82	1.0	94
AC Stephen	5.03	60.3	36.7	81	1.0	93
AC Vision	5.04	60.4	39.7	61	1.5	93
ACCA	5.78	61.8	40.9	77	2.8	95
Balance	5.99	62.8	43.1	77	0.5	94
Brooke	5.61	61.9	38.9	76	1.5	94
Brucefield	5.64	60.1	37.4	74	1.5	94
Bullock (C332-009)	5.03	61.9	37.1	75	0.5	92
Chapais	5.71	60.2	44.0	67	1.0	93
Nordbec (OBS4869-7)	5.11	60.6	42.0	65	1.0	87
OAC Baxter	5.23	62.1	43.2	81	0.5	93
Sumosan	5.60	62.9	40.3	82	0.5	94
C414-004	5.33	59.4	42.9	70	0.5	93
CRB996028	5.39	60.6	44.9	78	1.0	93
GB966057-1	5.41	62.0	40.7	75	1.0	94
GB966057-2	5.65	62.1	40.8	71	0.5	94

* no. of locations

^a no. of days from seeding to maturity

¹ hulless barley

**TESTING AREA V & VI
BARLEY
AGRONOMIC DATA, 2003**

Cultivar	Yield t/ha (3)*	wt/hl kg (3)	Kernel Weight g/1000 (3)	Height cm (3)	Lodging 0-9 (2)	Maturity ^a days (2)
AC Kings	5.46	63.5	41.7	89	2.0	93
AC Parkhill	5.76	66.1	43.0	77	1.0	90
AC Metcalfe ^m	5.07	62.2	38.6	85	1.5	92
AC Sterling	5.19	63.2	39.0	84	1.0	92
Benefit	5.31	63.3	37.3	74	1.0	91
CDC Stratus ^m	5.16	61.8	38.0	76	2.0	91
Charlotte (CH9118-5)	5.32	61.8	41.2	80	1.0	92
Chief (CH9202-32)	5.27	59.2	43.4	89	1.5	92
Danuta	4.86	60.5	41.5	85	1.0	94
Morrison	5.31	64.5	41.3	79	1.0	90
Newdale ^m	5.75	61.2	35.7	82	2.0	91
Sunderland	5.61	65.0	42.9	79	1.5	91
CFO 303-019	5.90	66.2	46.0	75	0.5	91
T316-013	5.28	65.5	36.8	80	1.0	91
AC Alberte ¹	4.22	62.0	34.0	82	0.5	91
HB 348 ¹	4.84	62.0	35.2	71	1.0	92
AC Alma	6.44	58.6	38.8	85	1.0	93
AC Kjinck	5.89	60.5	45.4	91	1.0	95
AC Stephen	5.08	58.3	33.1	90	1.0	93
AC Vision	5.14	58.5	35.7	66	1.5	91
ACCA	5.82	60.4	38.1	85	2.8	94
Balance	6.46	62.0	40.0	86	0.5	93
Booster	5.97	59.0	36.2	82	0.5	92
Brooke	5.89	59.7	37.4	84	1.5	91
Brucefield	5.72	58.8	31.7	81	1.5	95
Bullock (C332-009)	4.88	60.7	33.1	83	0.5	93
Chapais	6.26	58.8	41.2	76	1.0	91
Cyane (CFO142AA45)	6.15	61.7	42.8	100	1.0	93
Nordbec (OBS4869-7)	5.67	59.7	40.4	70	1.0	86
OAC Baxter	5.33	60.4	39.7	91	0.5	93
Sumosan	5.76	61.7	35.1	93	0.5	92
AB183-5	6.16	58.3	38.0	97	1.5	96
ADB006055	5.74	61.6	40.1	90	1.0	93
ADB006073	5.20	57.8	37.6	77	0.5	93
B1602 ^m	6.16	62.3	39.4	91	1.0	93
C414-004	5.63	58.4	40.8	77	0.5	92
CFO141AA7	5.63	59.8	36.0	104	1.0	95
CFO35AA1	5.74	60.4	40.9	92	1.0	93
CMB006047	6.49	62.5	41.4	90	0.5	92
CRB996028	6.16	60.6	41.0	89	1.0	93
GB006028	5.68	56.7	39.0	84	1.0	93
GB006076	6.00	59.4	38.3	83	0.5	93
GB966057-1	5.83	60.3	37.2	85	1.0	93
GB966057-2	6.15	60.0	37.4	78	0.5	94
OBS4898-15	5.80	58.4	41.9	84	1.5	93

* no. of locations

^a no. of days from seeding to maturity

¹ hulless barley

^m malting barley

INFORMATION ONLY - EMO LOCATION
TESTING AREA V & VI
BARLEY
AGRONOMIC DATA, 2003

Cultivar	Yield t/ha	wt/hl kg	Kernel Weight g/1000	Height cm	Lodging 0-9	Maturity ^a days
AC Kings	5.81	64.8	39.5	102	0	92
AC Parkhill	4.48	64.8	38.5	91	2	89
AC Metcalfe ^m	4.90	66.1	31.2	94	3	89
AC Sterling	4.89	64.8	42.3	95	1	89
Benefit	5.41	64.8	34.4	83	1	89
CDC Stratus ^m	5.22	64.8	37.6	86	1	95
Charlotte (CH9118-5)	4.52	62.3	38.2	91	1	89
Chief (CH9202-32)	5.76	63.6	42.6	106	2	92
Danuta	5.78	62.3	34.0	86	1	92
Morrison	5.13	66.1	38.9	95	2	89
Newdale ^m	5.53	63.6	33.9	94	3	89
Sunderland	4.48	64.8	38.1	97	2	89
CFO 303-019	5.58	67.3	31.2	92	0	91
T316-013	5.27	66.1	36.7	88	1	91
AC Alberte ¹	4.13	67.3	35.4	91	1	89
HB 348 ¹	5.78	71.1	38.5	83	0	91
AC Alma	6.40	63.6	37.6	94	1	91
AC Klinck	6.53	63.6	44.6	104	2	91
AC Stephen	5.62	63.6	34.6	94	1	89
AC Vision	5.11	62.3	37.3	79	2	91
ACCA	5.57	64.8	43.2	91	2	92
Balance	6.25	64.8	37.7	100	1	95
Booster	5.39	63.6	39.4	94	0	93
Brooke	6.01	66.1	35.8	102	2	92
Brucefield	6.36	64.8	37.7	92	2	92
Bullock (C332-009)	5.80	64.8	33.8	100	0	95
Chapais	6.45	62.3	40.0	91	0	89
Cyane (CFO142AA45)	6.22	64.8	42.5	112	0	95
Nordbec (OBS4869-7)	5.00	63.6	38.8	77	0	89
OAC Baxter	5.98	64.8	40.0	105	0	95
Sumosan	6.01	66.1	32.3	92	1	89
AB183-5	6.40	62.3	36.0	98	3	95
ADB006055	5.74	66.1	42.5	99	1	91
ADB006073	5.78	62.3	40.7	89	0	89
B1602 ^m	5.92	66.1	38.2	105	0	92
C414-004	4.85	61.1	33.6	94	1	91
CFO141AA7	5.57	64.8	39.7	112	3	91
CFO35AA1	5.77	62.3	39.8	94	0	89
CMB006047	6.07	66.1	38.7	94	0	91
CRB996028	5.51	66.1	44.6	102	0	91
GB006028	6.51	61.1	38.6	105	1	89
GB006076	5.99	61.1	39.3	88	1	92
GB966057-1	5.46	63.6	36.0	88	0	89
GB966057-2	5.72	61.1	36.1	84	0	90
OBS4898-15	7.29	62.3	41.2	98	2	92
MEAN	5.64	64.3	38.0	94	1.0	91
C.V.%	12.7	---	---	---	---	---

^a no. of days from seeding to maturity

¹ hulless barley

^m malting barley

DESCRIPTION OF CULTIVARS IN PERFORMANCE TRIALS, 2003

OATS

- AC Aylmer* - a white-hulled oat tested as OA 966-1, developed by AAFC-Ottawa from the cross OA905-1-69/84/PC68; distributed by Advantage Seeds Growers and Processors. Registered in 2000.
- AC Goslin* - a white-hulled oat tested as OA974-1 and developed by AAFC-ECORC from the cross OA952-3*2/PC48; distributed by Hyland Seeds Ltd. in. Registered in 2000.
- AC Rigodon - a white-hulled oat tested as QO 256.39 and developed by AAFC- Ste-Foy from the cross Ogle//2897//Kent/3/QO174.19; distributed by SeCan. Registered in 1992.
- AC Stewart - a yellow-hulled oat tested as OA 796-15 and developed by AAFC-Ottawa from the cross 4*Ogle/OT219; distributed by SeCan. Registered in 1991.
- AC Vermont* - a white-hulled oat tested as OA965-1 and developed by AAFC-ECORC from the cross OA904-1-89*4/PC62; distributed by C & M Seeds. Registered in 2001.
- Fjord - a white-hulled oat developed by Dr. Diane Mather of McGill University, from the cross Baldwin//Dupont/Laurent; distributed by Coopérative fédérée de Québec.. Registered in 1999.
- Ida* - a white-hulled oat tested as MI-0-88-22 and developed by Michigan State University from the cross ILL.79-5394/Ogle; distributed by Hyland Seeds Ltd. Registered in 1997.
- Irish - a yellow-hulled oat tested as MI-0-88-30 and developed by Michigan State University from the cross ILL.79-5394/Ogle; distributed by Hyland Seeds Ltd.. Registered in 1998.
- Manotick* - a yellow-hulled oat tested as OA 981-9 and developed by AAFC-Ottawa from the cross AC Stewart*4/Pc68; distributed by SeCan. Registered in 2002.
- OAC Markdale - a white oat tested as GA 921021 and developed by OMAF/University of Guelph from the cross Ogle/OA715-55//OA629-6//Ogle; distributed by PRO Seeds. Registered in 2000.
- OAC Paisley - a yellow-hulled oat tested as GA 891234 and developed by OMAF/University of Guelph from the cross Ogle/OA630-2; distributed by SeCan. Registered in 1995.
- Triple Crown - a white-hulled oat developed by Svalöf Weibull, from the cross NOSN/WW17187//Sirene/Sang/3/WW17734; distributed by Coopérative fédérée de Québec. Registered in 1997.
- OA1017-1 - a white-hulled oat developed by AAFC-Ottawa from the cross OA906-1-16*3/Pc68. Supported by OCCC for registration in 2002.
- OA1019-1 - a white-hulled oat developed by AAFC-Ottawa from the cross AC Aylmer/AC Goslin. Supported by OCCC for registration in 2002.
- OA1021-1 - a white-hulled oat developed by AAFC-Ottawa from the cross OA973-1/AC Aylmer. Supported by OCCC for registration in 2002.

- QO.685.43 - a white-hulled oat developed by McGill University; distributed by Coopérative fédérée de Québec. Supported for registration in 2002
- P8640A1-31-5-4 - a light tan-hulled oat developed by Dr. Herb Ohm of Purdue Univ., IN - Ridgetown College, from the cross P79103B1-7-2*2/Iowa H728; distributed by Belterre Seeds. Supported for registration by OCCC in 2003.
- AC Ernie - a hulless oat tested as NO61-1 and developed by ECORC-AAFC from the cross Capital*2/04434.634-17; distributed by Coopérative fédérée de Québec. Registered in 1997.
- Navan - a hulless oat tested as NO 66-4 and developed by AAFC-ECORC from the cross OT244*2/04434-653-41; distributed by SeCan. Supported by OCCC for registration in 2000.

***The Quaker Oats Company of Canada Ltd. preferred oat varieties for Ontario.**

ONTARIO PERFORMANCE TRIAL: OATS 2003

LOCATIONS REPORTING YIELD DATA IN EACH AREA FOR YEARS 1999 TO 2003

AREA II & IV:

1999: Centralia, Elora, Palmerston
2000: Winthrop, Elora, Palmerston
2001: Centralia, Elora, Monkton
2002: Centralia, Elora, Monkton, Palmerston
2003: Centralia, Elora, Monkton, Palmerston

AREA III:

1999: Ottawa, Winchester
2000: Ottawa
2001: Ottawa, Winchester
2002: Ottawa, Winchester
2003: Ottawa, Winchester

AREA V & VI:

1999: New Liskeard, Thunder Bay.
2000: Emo, Kapuskasing.
2001: New Liskeard, Thunder Bay, Kapuskasing.
2002: New Liskeard, Thunder Bay, Kapuskasing.
2003: Thunder Bay

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 1999-2003

Cultivar	II & IV(17)**		III(9)		V & VI(11)		PROVINCE***(37)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	t/a	bu/a
AC Aylmer	4.42	2	4.60	3	5.20	5	4.70	1.94	121.6
AC Goslin	4.34	4	4.71	1	—	—	—	—	—
AC Rigodon	4.13	7	4.44	5	5.87	1	4.72	1.95	122.3
AC Stewart	4.08	9	4.13	8	5.28	3	4.45	1.84	115.2
AC Vermont	4.38	3	4.63	2	5.27	4	—	—	—
Ida	4.27	5	4.30	6	—	—	—	—	—
Irish	4.47	1	4.45	4	—	—	—	—	—
OAC Markdale	4.22	6	—	—	—	—	—	—	—
OAC Paisley	4.11	8	4.28	7	5.58	2	4.59	1.90	118.8
Mean	4.27	—	4.44	—	5.44	—	4.62	1.91	—

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

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1999-2003

Cultivar	II & IV	III	V & VI	PROVINCE***
AC Aylmer	104	103	96	101
AC Goslin	102	106	—	—
AC Rigodon	97	100	108	101
AC Stewart	96	93	97	95
AC Vermont	103	104	97	—
Ida	100	97	—	—
Irish	105	100	—	—
OAC Markdale	99	—	—	—
OAC Paisley	96	96	103	98
Mean yield t/ha	4.27	4.44	5.44	4.62

- *** Weighted average

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 2000-2003

Cultivar	II & IV(14)**		III(7)		V & VI(9)		PROVINCE***(30)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	t/ac	bu/a
AC Aylmer	4.41	3	5.22	8	5.35	3	4.88	2.02	126.3
AC Goslin	4.36	4	5.44	1	—	—	—	—	—
AC Rigodon	4.04	9	5.26	7	5.96	1	4.90	2.03	126.9
AC Stewart	4.04	8	5.30	5	5.24	5	4.69	1.94	121.5
AC Vermont	4.33	5	5.03	9	5.28	4	4.78	1.97	123.7
Ida	4.25	6	5.30	5	—	—	—	—	—
Irish	4.47	2	5.33	4	—	—	—	—	—
Manotick	4.68	1	5.43	2	5.11	6	4.98	2.06	129.0
OAC Markdale	4.17	7	—	—	—	—	—	—	—
OAC Paisley	4.01	10	5.35	3	5.60	2	4.80	1.98	124.3
Navan ¹	2.73	11	3.07	10	4.08	7	3.22	1.33	—
Mean	4.13	—	5.07	—	5.23	—	4.61	1.90	—

- * See attached map
- ** No. of locations
- *** Weighted average
- ¹ hulless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 2000-2003

Cultivar	II & IV	III	V & VI	PROVINCE***
AC Aylmer	107	103	102	104
AC Goslin	105	107	—	—
AC Rigodon	98	104	114	104
AC Stewart	98	104	100	100
AC Vermont	105	99	101	102
Ida	103	104	—	—
Irish	108	105	—	—
Manotick	113	107	98	107
OAC Markdale	101	—	—	—
OAC Paisley	97	105	107	102
Navan ¹	66	60	78	68
Mean yield t/ha	4.13	5.07	5.23	4.61

- ¹ hulless oats
- *** Weighted average

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 2001-2003

Cultivar	II & IV(11)**		III(6)		V & VI(7)		PROVINCE***(24)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	t/ac	bu/a
AC Aylmer	4.49	3	5.37	8	5.43	3	4.98	2.05	129.0
AC Goslin	4.44	4	5.50	2	—	—	—	—	—
AC Rigodon	4.24	7	5.48	3	6.16	1	5.11	2.10	132.3
AC Stewart	4.09	10	5.44	6	5.31	5	4.78	1.97	123.8
AC Vermont	4.43	5	5.08	9	5.39	4	4.87	2.01	126.1
Ida	4.27	6	4.64	10	—	—	—	—	—
Irish	4.50	2	5.43	7	—	—	—	—	—
Manotick	4.68	1	5.45	5	—	—	—	—	—
OAC Markdale	4.21	8	5.46	4	5.08	6	—	—	—
OAC Paisley	4.14	9	5.55	1	5.55	2	4.90	2.02	126.9
Navan ¹	2.79	11	3.12	11	3.90	7	3.19	1.32	—
Mean	4.21	—	5.14	—	5.26	—	4.64	1.91	—

* See attached map

** No. of locations

*** Weighted average

¹ hulless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 2001-2003

Cultivar	II & IV	III	V & VI	PROVINCE***
AC Aylmer	107	104	103	105
AC Goslin	106	107	—	—
AC Rigodon	101	107	117	107
AC Stewart	97	106	101	100
AC Vermont	105	99	102	103
Ida	101	90	—	—
Irish	107	106	—	—
Manotick	111	106	—	—
OAC Markdale	100	106	97	—
OAC Paisley	98	108	106	103
Navan ¹	66	61	74	67
Mean yield t/ha	4.21	5.14	5.26	4.64

¹ hulless oats

*** Weighted average

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 2002-2003

Cultivar	II & IV(8)**		III(4)		V & VI(4)		PROVINCE***(16)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	t/a	bu/a
AC Aylmer	3.91	8	4.40	10	5.28	11	4.38	1.81	113.3
AC Goslin	3.97	6	4.54	6	5.50	8	4.49	1.86	116.3
AC Rigodon	3.49	13	4.63	5	6.13	1	4.44	1.83	114.9
AC Stewart	3.57	11	4.28	12	5.36	10	4.19	1.73	108.5
AC Vermont	3.96	7	4.48	8	5.58	6	4.50	1.86	116.4
Fjord	—	—	4.33	11	5.41	9	—	—	—
Ida	3.76	9	4.26	13	4.87	13	4.16	1.72	107.7
Irish	3.97	5	4.48	7	5.08	12	4.38	1.81	113.3
Manotick	4.21	3	4.67	4	4.84	14	4.48	1.85	116.0
OAC Markdale	3.65	10	—	—	—	—	—	—	—
OAC Paisley	3.51	12	4.41	9	5.77	3	4.43	1.83	114.7
Triple Crown	—	—	—	—	5.74	4	—	—	—
OA1017-1	4.05	4	4.96	2	5.94	2	4.77	1.97	123.5
OA1019-1	4.32	2	5.05	1	5.60	5	4.77	1.97	123.4
OA1021-1	4.34	1	4.84	3	5.54	7	4.02	1.66	104.0
AC Ernie ¹	—	—	1.87	15	2.98	16	—	—	—
Navan ¹	2.28	14	2.97	14	3.86	15	2.85	1.18	73.7
Mean	3.78	—	4.28	—	5.22	—	4.35	1.82	—

- * See attached map
- ** No. of locations
- *** Weighted average
- ¹ hullless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 2002-2003

Cultivar	II & IV	III	V & VI	PROVINCE***
AC Aylmer	103	103	101	103
AC Goslin	105	106	105	105
AC Rigodon	92	108	118	103
AC Stewart	94	100	103	98
AC Vermont	105	105	107	105
Fjord	—	101	104	—
Ida	99	99	93	98
Irish	105	105	97	103
Manotick	111	109	93	106
OAC Markdale	96	—	—	—
OAC Paisley	93	103	111	100
Triple Crown	—	—	110	—
OA1017-1	107	116	114	111
OA1019-1	114	118	107	113
OA1021-1	115	113	106	112
AC Ernie ¹	—	44	57	—
Navan ¹	60	70	74	66
Mean yield t/ha	3.78	4.28	5.22	4.35

- ¹ hullless oats
- *** Weighted average

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 2003

Cultivar	II & IV(4)**		III(2)		V & VI(1)		PROVINCE***(7)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	t/ac	bu/a
AC Aylmer	4.66	5	4.19	10	7.00	8	4.86	2.01	125.8
AC Goslin	4.63	7	4.65	4	7.11	5	4.99	2.06	129.1
AC Rigodon	3.77	13	4.20	9	7.69	2	4.45	1.84	115.3
AC Stewart	3.95	12	4.17	12	6.73	10	4.41	1.82	114.0
AC Vermont	4.64	6	4.32	7	7.06	6	4.89	2.02	126.6
Fjord	—	—	4.07	13	6.31	12	—	—	—
Ida	4.20	10	4.18	11	6.07	15	4.46	1.84	115.5
Irish	4.54	8	4.43	6	6.24	13	4.75	1.96	123.0
Manotick	4.95	3	4.46	5	6.21	14	4.99	2.06	129.1
OAC Markdale	4.03	11	—	—	—	—	—	—	—
OAC Paisley	3.69	14	4.05	14	7.21	4	4.29	1.77	111.1
Triple Crown	—	—	—	—	6.50	11	—	—	—
OA1017-1	4.77	4	4.91	2	7.32	3	5.18	2.14	134.0
OA1019-1	5.00	2	5.03	1	7.03	7	5.30	2.19	137.1
OA1021-1	5.06	1	4.79	3	6.94	9	5.25	2.17	135.9
P8640A1-31-5-4	4.46	9	—	—	—	—	—	—	—
QO.685.43	—	—	4.24	8	7.83	1	—	—	—
AC Ernie ¹	—	—	2.31	16	5.13	16	—	—	—
Navan ¹	2.33	15	2.72	15	4.35	17	2.73	1.13	—
Mean	4.31	—	4.17	—	6.63	—	4.66	1.92	—

- * See attached map
- ** No. of locations
- *** Weighted average
- ¹ hulless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 2003

Cultivar	II & IV	III	V & VI	PROVINCE***
AC Aylmer	108	101	106	106
AC Goslin	107	111	107	109
AC Rigodon	87	101	116	95
AC Stewart	91	100	101	95
AC Vermont	107	104	106	106
Fjord	—	98	95	—
Ida	97	100	91	97
Irish	105	106	94	104
Manotick	115	107	94	110
OAC Markdale	94	—	—	—
OAC Paisley	86	97	109	92
Triple Crown	—	—	98	—
OA1017-1	111	118	110	113
OA1019-1	116	121	106	116
OA1021-1	117	115	105	115
P8640A1-31-5-4	104	—	—	—
QO.685.43	—	102	118	—
AC Ernie ¹	—	55	77	—
Navan ¹	54	65	66	59
Mean yield t/ha	4.31	4.17	6.63	4.66

- ¹ hulless oats
- *** Weighted average

TESTING AREA II & IV
OATS
Yield data for 2003

Cultivar	Yield (kg/ha)				Average			
	Perth	Huron	Wellington I	Wellington II	t/ha	Rank	t/ac	bu/a
AC Aylmer	4558	3940	4596	5540	4.66	5	1.92	120.6
AC Goslin	4805	4480	4237	5008	4.63	7	1.91	119.9
AC Rigodon	3365	4140	3107	4457	3.77	13	1.56	97.5
AC Stewart	3740	4330	2623	5088	3.95	12	1.63	102.1
AC Vermont	4613	4010	4595	5326	4.64	6	1.92	120.0
Ida	3415	4970	3585	4842	4.20	10	1.74	108.8
Irish	4025	5230	4102	4809	4.54	8	1.88	117.5
Manotick	4985	4980	4507	5320	4.95	3	2.04	128.1
OAC Markdale	3965	3890	3599	4676	4.03	11	1.67	104.4
OAC Paisley	3163	4290	2476	4824	3.69	14	1.52	95.5
OA1017-1	4480	4680	4383	5555	4.77	4	1.97	123.6
OA1019-1	5108	4600	4620	5677	5.00	2	2.07	129.4
OA1021-1	5140	4860	4396	5849	5.06	1	2.09	131.0
P8640A1-31-5-4	4585	4650	3948	4677	4.46	9	1.85	115.6
Navan ¹	2185	2820	1475	2856	2.33	15	0.96	—
MEAN	4142	4391	3750	4967	4.31	—	1.78	—
C.V.%	5.43	9.20	8.55	8.71	—	—	—	—

¹ hulless oats

**TESTING AREA II & IV
OATS
AGRONOMIC DATA, 1999-2003**

Cultivar	Yield t/ha (17)*	wt/hl kg (18)	Kernel Weight g/1000 (17)	Height cm (17)	Lodging 0-9 (10)	Maturity ^a days (6)	Leaf Rust 0-9 (9)	Septoria 0-9 (7)
AC Aylmer	4.42	47.3	38.0	103	4.7	91	1.0	4.8
AC Goslin	4.34	43.7	35.3	98	4.3	92	1.5	5.2
AC Rigodon	4.13	45.4	33.5	105	3.7	94	4.7	4.5
AC Stewart	4.08	42.2	36.6	98	2.8	90	5.0	5.2
AC Vermont	4.38	46.7	35.4	103	5.0	91	1.0	5.3
Ida	4.27	44.9	31.3	99	3.2	92	3.1	4.5
Irish	4.47	44.0	32.5	98	2.4	91	2.2	4.8
OAC Markdale	4.22	45.9	33.0	105	2.8	93	3.5	4.1
OAC Paisley	4.11	41.5	32.9	97	3.1	90	5.7	4.6

* no. of locations

^a no. of days from seeding to maturity

**TESTING AREA II & IV
OATS
AGRONOMIC DATA, 2000-2003**

Cultivar	Yield t/ha (14)*	wt/hl kg (15)	Kernel Weight g/1000 (14)	Height cm (13)	Lodging 0-9 (8)	Maturity ^a days (5)	Leaf Rust 0-9 (8)	Septoria 0-9 (5)
AC Aylmer	4.41	48.0	40.0	109	5.2	93	0.9	4.0
AC Goslin	4.36	44.2	37.6	103	5.0	94	1.7	4.7
AC Rigodon	4.04	45.7	35.4	110	3.8	96	4.5	4.2
AC Stewart	4.04	42.1	37.3	104	3.0	92	4.7	4.5
AC Vermont	4.33	47.5	38.1	109	5.6	94	1.1	4.7
Ida	4.25	45.0	33.4	104	3.6	94	3.2	3.9
Irish	4.47	44.3	34.6	104	2.7	94	2.5	4.1
Manotick	4.68	44.4	38.7	103	3.9	92	0.6	3.9
OAC Markdale	4.17	46.4	35.9	109	3.8	95	3.3	3.9
OAC Paisley	4.01	41.7	34.1	103	3.4	92	5.5	4.7
Navan ¹	2.73	55.1	31.5	109	1.8	95	3.6	3.2

* no. of locations

^a no. of days from seeding to maturity

¹ hulless oats

**TESTING AREA II & IV
OATS
AGRONOMIC DATA, 2001-2003**

Cultivar	Yield t/ha (11)*	wt/hl kg (12)	Kernel Weight g/1000 (11)	Height cm (10)	Lodging 0-9 (7)	Maturity ^a days (4)	Leaf Rust 0-9 (7)	Septoria 0-9 (4)
AC Aylmer	4.49	48.7	38.2	105	5.0	92	1.0	4.1
AC Goslin	4.44	44.8	35.5	100	4.8	92	1.8	4.9
AC Rigodon	4.24	46.2	33.5	109	3.6	94	4.1	4.1
AC Stewart	4.09	42.8	36.4	100	2.9	91	4.3	4.8
AC Vermont	4.43	48.5	35.6	105	5.5	93	1.3	4.8
Ida	4.27	45.6	31.2	100	3.3	93	3.0	4.2
Irish	4.50	45.0	32.6	101	2.9	93	2.5	4.4
Manotick	4.68	44.7	37.2	98	3.7	91	0.7	4.1
OAC Markdale	4.21	46.9	33.3	106	3.4	94	3.3	4.0
OAC Paisley	4.14	42.4	32.5	100	3.0	92	5.2	5.1
Navan ¹	2.79	55.6	25.2	107	1.7	94	3.1	3.0

* no. of locations

^a no. of days from seeding to maturity

¹ hulless oats

**TESTING AREA II & IV
OATS
AGRONOMIC DATA, 2002-2003**

Cultivar	Yield t/ha (8)*	wt/hl kg (8)	Kernel Weight g/1000 (7)	Height cm (6)	Lodging 0-9 (5)	Maturity ^a days (3)	Leaf Rust 0-9 (6)	Septoria 0-9 (3)
AC Aylmer	3.91	48.1	37.7	103	5.5	91	1.2	4.7
AC Goslin	3.97	44.2	35.2	97	4.2	92	2.1	5.0
AC Rigodon	3.49	44.2	32.1	107	4.1	93	4.3	4.6
AC Stewart	3.57	41.9	36.0	98	3.5	90	5.0	5.7
AC Vermont	3.96	48.0	35.8	102	5.4	92	1.5	5.6
Ida	3.76	44.7	30.9	99	3.3	92	3.6	4.9
Irish	3.97	44.9	32.5	99	2.5	92	2.9	4.7
Manotick	4.21	45.0	37.3	97	3.2	90	0.8	4.6
OAC Markdale	3.65	45.6	31.9	105	3.7	93	3.9	4.7
OAC Paisley	3.51	40.2	31.9	98	2.8	91	5.7	5.8
OA1017-1	4.05	46.5	33.1	110	6.7	92	1.3	3.9
OA1019-1	4.32	47.0	36.4	96	4.4	92	0.7	4.9
OA1021-1	4.34	47.3	32.9	93	4.1	92	0.6	4.4
Navan ¹	2.28	54.9	23.8	106	1.7	93	3.2	2.7

* no. of locations

^a no. of days from seeding to maturity

¹ hulless oats

**TESTING AREA II & IV
OATS
AGRONOMIC DATA, 2003**

Cultivar	Yield t/ha (4)*	wt/hl kg (4)	Kernel Weight g/1000 (3)	Height cm (3)	Lodging 0-9 (2)	Maturity ^a days (2)	Leaf Rust 0-9 (3)	Septoria 0-9 (2)
AC Aylmer	4.66	46.9	36.8	107	7.5	91	0.9	5.4
AC Goslin	4.63	43.3	32.6	103	5.0	91	2.8	6.0
AC Rigodon	3.77	41.3	29.5	114	7.4	92	5.8	5.2
AC Stewart	3.95	39.6	32.8	102	6.4	90	5.7	6.4
AC Vermont	4.64	46.8	33.6	104	7.5	91	0.8	6.2
Ida	4.20	42.6	29.5	103	5.9	91	5.0	5.9
Irish	4.54	42.7	30.8	105	5.0	92	4.6	5.5
Manotick	4.95	43.4	35.9	105	6.1	91	0.3	5.2
OAC Markdale	4.03	44.3	29.0	110	4.8	93	4.0	5.0
OAC Paisley	3.69	37.4	29.4	105	5.1	90	6.2	5.7
OA1017-1	4.77	45.1	32.2	117	7.5	91	1.5	4.7
OA1019-1	5.00	46.6	35.8	102	5.9	92	0.0	5.3
OA1021-1	5.06	47.4	31.7	98	5.3	92	0.0	4.8
P8640A1-31-5-4	4.46	47.9	28.7	90	2.5	91	0.4	6.0
Navan ¹	2.33	52.9	22.7	111	3.6	93	3.0	2.0

* no. of locations

^a no. of days from seeding to maturity

¹ hulless oats

**TESTING AREA III
OATS
Yield data for 2003**

Cultivar	Yield (kg/ha)		Average			
	Carleton	Stormont, Dundas & Glengarry	t/ha	Rank	t/ac	bu/a
AC Aylmer	3843	4540	4.19	10	1.73	108.5
AC Goslin	3860	5430	4.65	4	1.92	120.2
AC Rigodon	4119	4290	4.20	9	1.74	108.8
AC Stewart	3682	4650	4.17	12	1.72	107.8
AC Vermont	3716	4930	4.32	7	1.79	111.9
Fjord	3930	4210	4.07	13	1.68	105.3
Ida	3558	4810	4.18	11	1.73	108.3
Irish	3967	4890	4.43	6	1.83	114.6
Manotick	3605	5320	4.46	5	1.84	115.5
OAC Paisley	3951	4140	4.05	14	1.67	104.7
OA1017-1	4354	5470	4.91	2	2.03	127.1
OA1019-1	4066	5990	5.03	1	2.08	130.1
OA1021-1	3895	5680	4.79	3	1.98	123.9
QO.685.43	4025	4460	4.24	8	1.75	109.8
AC Ernie ¹	2541	2080	2.31	16	0.95	---
Navan ¹	2788	2650	2.72	15	1.12	---
MEAN	3744	4596	4.17	---	1.72	---
C.V.%	7.00	6.97	---	---	---	---

¹ hulless oats

**TESTING AREA III
OATS
AGRONOMIC DATA, 1999-2003**

Cultivar	Yield t/ha (9) *	wt/hl kg (9)	Kernel Weight g/1000 (9)	Height cm (9)	Lodging 0-9 (5)	Maturity ^a days (-)	Leaf Rust 0-9 ** (2)
AC Aylmer	4.60	55.3	41.4	94	4.9	-	0.0
AC Goslin	4.71	52.7	39.7	88	5.2	-	0.8
AC Rigodon	4.44	52.0	36.3	99	5.2	-	5.0
AC Stewart	4.13	50.7	40.1	90	5.0	-	4.5
AC Vermont	4.63	55.1	38.8	96	5.1	-	0.0
Ida	4.30	53.5	34.7	91	5.0	-	3.3
Irish	4.45	52.2	35.3	91	5.1	-	1.3
OAC Paisley	4.28	49.5	36.2	88	5.0	-	4.8

* no. of locations

^a no. of days from seeding to maturity

** 2001 - 2003 Data Only

**TESTING AREA III
OATS
AGRONOMIC DATA, 2000-2003**

Cultivar	Yield t/ha (7)*	wt/hl kg (7)	Kernel Weight g/1000 (7)	Height cm (7)	Lodging 0-9 ** (4)	Maturity ^a days (-)	Leaf Rust 0-9 *** (2)
AC Aylmer	4.62	56.1	42.0	98	4.5	-	0.0
AC Goslin	4.76	54.3	40.5	93	4.8	-	0.8
AC Rigodon	4.75	54.0	37.2	103	4.6	-	5.0
AC Stewart	4.49	52.6	40.9	92	4.6	-	4.5
AC Vermont	4.69	56.5	39.0	99	4.7	-	0.0
Ida	4.49	55.1	35.3	95	4.6	-	3.3
Irish	4.65	53.8	35.9	95	4.9	-	1.3
Manotick	4.76	51.9	42.1	90	4.6	-	0.0
OAC Paisley	4.51	51.2	37.1	91	4.3	-	4.8
Navan ¹	3.07	59.2	28.0	102	4.5	-	4.0

* no. of locations

^a no. of days from seeding to maturity

¹ hullless oats

** 2001 - 2003 Data Only

*** 2003 and 2000 Data Only

**TESTING AREA III
OATS
AGRONOMIC DATA, 2001-2003**

Cultivar	Yield t/ha (6)*	wt/hl kg (6)	Kernel Weight g/1000 (6)	Height cm (6)	Lodging 0-9 (4)	Maturity ^a days (-)	Leaf Rust 0-9 ^{***} (1)
AC Aylmer	4.66	55.8	42.0	95.9	4.5	-	0.0
AC Goslin	4.72	54.3	40.6	90.2	4.8	-	0.0
AC Rigodon	4.88	53.9	37.5	101.7	4.6	-	4.0
AC Stewart	4.50	52.6	41.2	89.4	4.6	-	3.0
AC Vermont	4.69	56.3	38.9	96.0	4.7	-	0.0
Fjord	4.64	53.4	37.2	102.4	5.3	-	0.0
Ida	4.49	55.0	35.4	92.7	4.6	-	0.0
Irish	4.66	53.7	35.8	92.7	4.9	-	0.0
Manotick	4.68	51.8	41.9	88.2	4.6	-	0.0
OAC Paisley	4.56	51.1	37.6	89.3	4.3	-	3.0
Navan ¹	3.12	59.3	27.8	100.1	4.5	-	3.0

* no. of locations

^a no. of days from seeding to maturity

¹ hulless oats

^{***} 2003 Data Only

**TESTING AREA III
OATS
AGRONOMIC DATA, 2002-2003**

Cultivar	Yield t/ha (2)*	wt/hl kg (4)	Kernel Weight g/1000 (4)	Height cm (4)	Lodging 0-9 (4)	Maturity ^a days (-)	Leaf Rust 0-9 ^{**} (1)
AC Aylmer	4.40	55.6	41.0	98	5.1	-	0.0
AC Goslin	4.54	54.2	40.4	92	4.5	-	0.0
AC Rigodon	4.63	53.4	36.5	103	5.0	-	4.0
AC Stewart	4.28	52.5	40.3	91	4.4	-	3.0
AC Vermont	4.48	55.8	39.3	97	4.8	-	0.0
Fjord	4.33	52.7	36.4	103	5.2	-	0.0
Ida	4.26	54.6	34.0	93	4.6	-	0.0
Irish	4.48	53.3	34.6	94	4.7	-	0.0
Manotick	4.67	50.6	40.4	89	4.5	-	0.0
OAC Paisley	4.41	50.4	36.4	91	4.9	-	3.0
OA1017-1	4.96	54.9	36.8	104	4.9	-	1.0
OA1019-1	5.05	54.7	40.5	92	4.3	-	0.0
OA1021-1	4.84	55.4	35.4	90	3.8	-	0.0
AC Ernie ¹	1.87	56.4	23.0	91	2.1	-	4.0
Navan ¹	2.97	59.6	27.1	102	4.5	-	3.0

* no. of locations

^a no. of days from seeding to maturity

¹ hulless oats

^{**} 2003 Data Only

**TESTING AREA III
OATS
AGRONOMIC DATA, 2003**

Cultivar	Yield t/ha (2)*	wt/ht kg (2)	Kernel Weight g/1000 (2)	Height cm (2)	Lodging 0-9 (2)	Maturity ^a days (-)	Rust (0-9) (2)
AC Aylmer	4.19	53.1	39.2	93	3.9	-	0.0
AC Goslin	4.65	50.7	39.2	87	2.0	-	0.0
AC Rigodon	4.20	50.7	35.3	94	4.0	-	4.0
AC Stewart	4.17	50.4	38.4	84	1.9	-	3.0
AC Vermont	4.32	53.5	37.3	91	4.0	-	0.0
Fjord	4.07	51.5	34.7	95	4.0	-	0.0
Ida	4.18	52.6	32.8	86	2.3	-	0.0
Irish	4.43	51.4	32.4	89	2.6	-	0.0
Manotick	4.46	49.1	38.7	85	2.1	-	0.0
OAC Paisley	4.05	48.1	35.5	82	2.8	-	3.0
OA1017-1	4.91	53.1	35.7	97	3.3	-	1.0
OA1019-1	5.03	53.3	38.9	88	2.1	-	0.0
OA1021-1	4.79	53.6	35.4	87	1.5	-	0.0
QO.685.43	4.24	51.2	35.7	93	3.6	-	1.0
AC Ernie ¹	2.31	58.6	22.7	90	2.1	-	4.0
Navan ¹	2.72	57.9	24.7	96	3.0	-	3.0

* no. of locations

^a no. of days from seeding to maturity

¹ hulless oats

TESTING AREA V & VI
OATS
Yield data for 2003

Cultivar	Yield (kg/ha)		Average			
	Thunder Bay		t/ha	Rank	t/ac	bu/a
AC Aylmer	7003		7.00	8	2.89	181.3
AC Goslin	7105		7.11	5	2.94	183.9
AC Rigodon	7693		7.69	2	3.18	199.1
AC Stewart	6729		6.73	10	2.78	174.2
AC Vermont	7058		7.06	6	2.92	182.7
Fjord	6312		6.31	12	2.61	163.4
Ida	6065		6.07	15	2.51	157.0
Irish	6241		6.24	13	2.58	161.5
Manotick	6206		6.21	14	2.56	160.6
OAC Paisley	7209		7.21	4	2.98	186.6
Triple Crown	6497		6.50	11	2.68	168.2
OA1017-1	7323		7.32	3	3.03	189.5
OA1019-1	7027		7.03	7	2.90	181.9
OA1021-1	6939		6.94	9	2.87	179.6
QO.685.43	7829		7.83	1	3.24	202.6
AC Ernie ¹	5134		5.13	16	2.12	132.9
Navan ¹	4350		4.35	17	1.80	—
MEAN	6631		6.63	—	2.74	—
C.V.%	6.97		—	—	—	—

¹ hulless oats

**TESTING AREA V & VI
OATS
AGRONOMIC DATA, 1999 - 2003**

Cultivar	Yield t/ha (11)*	wt/hl kg (13)	Kernel Weight g/1000 (13)	Height cm (13)	Lodging 0-9** (5)	Maturity ^a days (9)
AC Aylmer	5.20	49.2	37.8	95	2.6	102
AC Rigodon	5.87	49.1	36.7	102	2.0	103
AC Stewart	5.28	47.1	37.5	87	1.6	101
AC Vermont	5.27	49.4	36.3	99	2.2	102
OAC Paisley	5.58	47.6	35.1	91	1.0	102

* no. of locations

^a no. of days from seeding to maturity

** 2003, 2001, 2000 and 1999 Data Only

**TESTING AREA V & VI
OATS
AGRONOMIC DATA, 2000 - 2003**

Cultivar	Yield t/ha (9)*	wt/hl kg (11)	Kernel Weight g/1000 (11)	Height cm (11)	Lodging 0-9 ** (3)	Maturity ^a days (7)
AC Aylmer	5.35	50.1	37.8	96	3.7	100
AC Rigodon	5.96	50.0	36.8	102	2.7	102
AC Stewart	5.24	47.9	37.6	87	2.0	100
AC Vermont	5.28	50.1	35.9	99	3.0	100
Manotick	5.11	46.8	37.3	88	1.4	100
OAC Paisley	5.60	48.5	34.7	91	1.0	101
Navan ¹	4.08	58.5	28.4	98	1.0	103

* no. of locations

^a no. of days from seeding to maturity

¹ hulless oats

** 2003, 2001 and 2000 Data Only

**TESTING AREA V & VI
OATS
AGRONOMIC DATA, 2001 - 2003**

Cultivar	Yield t/ha (7)*	wt/hl kg (9)	Kernel Weight g/1000 (9)	Height cm (9)	Lodging 0-9** (2)	Maturity ^a days (5)
AC Aylmer	5.43	50.4	37.2	95	4.5	98
AC Rigodon	6.16	50.6	36.5	101	4.0	99
AC Stewart	5.31	48.1	37.2	85	3.0	98
AC Vermont	5.39	50.3	35.0	97	3.5	98
Manotick	5.08	47.4	36.5	87	2.0	98
OAC Paisley	5.55	48.4	33.9	90	1.5	98
Navan ¹	3.90	59.1	27.5	98	1.5	100

* no. of location

^a no. of days from seeding to maturity

¹ hulless oats

** 2003 and 2001 Data Only

**TESTING AREA V & VI
OATS
AGRONOMIC DATA, 2002 - 2003**

Cultivar	Yield t/ha (4)*	wt/hl kg (6)	Kernel Weight g/1000 (6)	Height cm (6)	Lodging 0-9 ** (1)	Maturity ^a days (3)
AC Aylmer	5.28	49.5	36.9	97	5.0	97
AC Goslin	5.50	47.6	35.0	91	4.0	98
AC Rigodon	6.13	49.7	36.0	105	5.0	99
AC Stewart	5.36	47.6	36.9	86	4.0	97
AC Vermont	5.58	49.4	34.9	98	4.0	97
Fjord	5.41	49.8	35.2	106	3.0	97
Ida	4.87	48.3	31.0	94	2.0	98
Irish	5.08	47.3	31.5	91	4.0	99
Manotick	4.84	46.9	35.9	90	4.0	97
OAC Paisley	5.77	47.9	34.3	92	3.0	97
Triple Crown	5.74	47.2	33.8	104	1.0	100
OA1017-1	5.94	49.1	35.0	105	5.0	99
OA1019-1	5.60	48.2	35.5	91	3.0	99
OA1021-1	5.54	48.9	30.9	88	5.0	98
AC Ernie ¹	2.98	56.9	26.0	97	0.0	101
Navan ¹	3.86	59.1	27.2	102	2.0	100

* no. of locations

^a no. of days from seeding to maturity

¹ hulless oats

** 2003 Data Only

**TESTING AREA V & VI
OATS
AGRONOMIC DATA, 2003**

Cultivar	Yield t/ha (1)*	wt/hl kg (3)	Kernel Weight g/1000 (3)	Height cm (3)	Lodging 0-9 (1)	Maturity ^a days (1)
AC Aylmer	7.00	46.6	34.7	106	5.0	96
AC Goslin	7.11	44.1	33.2	101	4.0	96
AC Rigodon	7.69	48.1	33.6	116	5.0	96
AC Stewart	6.73	46.2	35.7	93	4.0	96
AC Vermont	7.06	46.2	32.6	108	4.0	96
Fjord	6.31	47.1	32.8	121	3.0	96
Ida	6.07	45.2	29.8	104	2.0	96
Irish	6.24	43.8	29.3	102	4.0	96
Manotick	6.21	45.1	35.1	102	4.0	96
OAC Paisley	7.21	45.6	32.4	104	3.0	96
Triple Crown	6.50	44.2	33.3	114	1.0	97
OA1017-1	7.32	46.3	33.9	119	5.0	96
OA1019-1	7.03	45.5	33.2	100	3.0	96
OA1021-1	6.94	46.8	29.8	98	5.0	96
QO.685.43	7.83	46.5	39.4	115	5.0	96
AC Ernie ¹	5.13	57.7	26.4	114	0.0	96
Navan ¹	4.35	55.3	26.5	112	2.0	96

* no. of locations

^a no. of days from seeding to maturity

¹ hulless oats

**INFORMATION ONLY - NEW LISKEARD
TESTING AREA V & VI
OATS
2003 AGRONOMIC DATA**

Cultivar	Yield t/ha	wt/hl kg	Kernel Weight g/1000	Height cm	Lodging 0-9	Maturity ^a days
AC Aylmer	3.89	43.6	28.9	112	9	---
AC Goslin	4.01	43.6	29.7	112	9	---
AC Rigodon	3.96	48.6	28.9	130	9	---
AC Stewart	4.27	46.1	33.9	88	9	---
AC Vermont	3.90	42.4	29.6	117	9	---
Fjord	3.96	47.4	30.9	132	9	---
Ida	4.19	43.6	28.8	115	9	---
Irish	3.93	44.9	29.0	113	9	---
Manotick	3.76	46.1	35.0	115	9	---
OAC Paisley	3.87	46.1	29.5	119	9	---
Triple Crown	4.10	43.6	30.9	124	9	---
OA1017-1	4.06	44.9	30.5	130	9	---
OA1019-1	4.98	43.6	29.2	108	9	---
OA1021-1	4.51	44.9	28.3	110	9	---
QO.685.43	4.58	47.4	37.9	127	9	---
AC Ernie ¹	2.98	59.9	27.5	126	9	---
Navan ¹	2.71	56.1	27.4	125	9	---
MEAN	3.98	46.64	30.35	117.79	9.00	---
C.V.%	17.73	---	---	---	---	---

^a no. of days from seeding to maturity
¹ hulless oats

**INFORMATION ONLY - VERNER
TESTING AREA V & VI
OATS
2003 AGRONOMIC DATA**

Cultivar	Yield t/ha	wt/hl kg	Kernel Weight g/1000	Height cm	Lodging 0-9	Maturity ^a days
AC Aylmer	4.59	46.1	32.5	---	---	---
AC Goslin	4.58	43.6	32.0	---	---	---
AC Rigodon	4.73	48.6	34.4	---	---	---
AC Stewart	4.88	47.4	36.1	---	---	---
AC Vermont	3.52	46.1	28.7	---	---	---
Fjord	3.68	44.9	31.9	---	---	---
Ida	4.65	46.1	28.1	---	---	---
Irish	4.31	43.6	26.4	---	---	---
Manotick	4.79	46.1	31.1	---	---	---
OAC Paisley	5.26	43.6	30.6	---	---	---
Triple Crown	6.54	44.9	33.2	---	---	---
OA1017-1	3.88	46.1	32.8	---	---	---
OA1019-1	5.58	44.9	30.6	---	---	---
OA1021-1	4.79	47.4	28.3	---	---	---
QO.685.43	3.69	46.1	39.6	---	---	---
AC Ernie ¹	3.00	56.1	23.9	---	---	---
Navan ¹	2.85	54.9	23.0	---	---	---
MEAN	4.43	46.85	30.78	---	---	---
C.V.%	20.97	---	---	---	---	---

^a no. of days from seeding to maturity
¹ hulless oats

**INFORMATION ONLY - EMO
TESTING AREA V & VI
OATS
2003 AGRONOMIC DATA**

Cultivar	Yield t/ha	wt/hl kg	Kernel Weight g/1000	Height cm	Lodging 0-9	Maturity # days
AC Aylmer	5.43	47.4	31.4	97	4	90
AC Goslin	5.44	44.9	31.8	90	5	92
AC Rigodon	5.96	48.6	37.9	109	4	90
AC Stewart	5.44	48.6	30.0	97	3	90
AC Vermont	5.34	47.4	30.2	96	4	90
Fjord	5.99	49.9	32.1	102	3	90
Ida	5.78	48.6	29.0	96	2	90
Irish	4.97	46.1	26.4	93	3	90
Manotick	4.62	47.4	34.2	93	3	90
OAC Paisley	5.89	46.1	31.8	95	2	92
Triple Crown	6.53	42.4	33.0	110	1	92
OA1017-1	4.96	48.6	28.4	114	6	92
OA1019-1	6.28	48.6	33.9	94	3	90
OA1021-1	5.63	46.1	28.3	91	4	92
QO.685.43	7.13	48.6	33.5	107	3	90
AC Ernie ¹	4.09	61.1	23.5	114	1	93
Navan ¹	3.95	64.8	23.1	106	2	92
MEAN	5.50	49.1	30.5	100	3	91
C.V.%	18.2	---	---	---	---	

ONTARIO PERFORMANCE TRIALS; FALL WHEAT 2003

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LEGEND

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

ONTARIO PERFORMANCE TRIALS; FALL WHEAT 2003

DESCRIPTION OF VARIETIES/LINES TESTED

- Variety Name;class type: experimental designation - pedigree - breeder,institute - sponsor, distributor - date, number and type of registration.
- 1 AC-Ron;SWW: H212-8 - Harus/Augusta - A.Teich,Agriculture & Agri-Food Canada, Harrow - SeCan - 03/95,3552,Full National Registration.
- *2 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.
- *3 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 National Registration.
- 4 AC-Morley;HRW: H242:31:1- Siouxland/Perlo - R. Pandeya, M.McLean, Agriculture & Agri-Food Can.,Harrow,ON - Advantage Seed Growers and Processors Inc., Lucknow, ON, - 07/2001, 5346 - Full Regional Registration for Eastern Canada.
- *5 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.
- 6 Superior;SWW: TW93211 - Rebecca/Hasrus - 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.
- *7 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. - 4981 - Full Regional Registraion for Nfld, PEI, NS, NB, ON.
- 8 AC Mackinnon;SWW PRC9308 - R.Pandeya,Agriculture and Agri-Food Canada, Ottawa,ON - Pro Seeds - 4816 - Full National Registration.
- 9 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.
- 10 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.
- 11 Maxine;HRW-a: CM95009(formerly known as Maxim)-99.17pf/448.21pf-Dr.Peter Franck, Pflanzzucht Oberlimpurg -C&M Seeds-Nov.1999-Full Registration for: NFD, PEI, NS, NB, ON, PQ.
- *12 Stealth;SRW: CM951067-89-17229//OH413/C9803 - Dr. Alan Shambaugh - C&M Seeds 12/2000,I-277 - Interim Registration for Nfld, PEI, NS, NB, ON.
- 13 Caledonia;SWW: Geneva Reselection - Cornell University - W.G.Thompson & Sons Ltd. July 26/1999,4960 - Full National Registration.

* Entry was dropped from the 2003/2004 Performance Trial.

ONTARIO PERFORMANCE TRIALS; FALL WHEAT 2003

DESCRIPTION OF VARIETIES/LINES TESTED

- Variety Name;class type: experimental designation - pedigree - breeder,institute - sponsor, distributor - date, number and type of registration.
- 14 Wisdom;SRW: 139J - T812/FL302 - Private, U.S. - W.G.Thompson & Sons Ltd.
July 26/1999,4961 - Full National Registration.
- 15 Platinum;HRW-a 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.
- 16 Whitby;SRW TW96273 - Diana/3/Ruby/Frankenmuth//Houser -L. Shugar, W.G.Thompson
& Sons Ltd. - Oct.13, 2000 - Full National Registration.
- 17 Webster;SRW Genesis99:53 - Pioneer2548/Saluda//88579C1-100-W.G.Thompson & Sons Ltd.-
Reg.# 5392 - Regional Registration for Nfld, PEI, NS, NB, ON.
- 18 Warwick;SRW TW97613-Ruby/3/Aug/WW501//Yorkstar - L.Shugar, W.G.Thompson
& Sons Ltd.-Interim Registration for Eastern Canada.
- 19 Warthog;HRW TW025:C36 - Fundulea/Karl-92 - L. Shugar, W.G.Thompson & Sons Ltd.
- 20 25R49;SRW WBL0274C1 -2510 sib/Pioneer lineWBB076D1//Pioneer line WBB573C2
- Bill Laskar, Pioneer Hi-Bred, Indiana - Pioneer Hi-Bred Ltd.
Chatham, On - 5353 - Full Regional Registraion for Nfld, PEI, NS,
NB, ON.
- 21 Pro 202;SRW-a RC98110 - VA96W-56 - FFR555W/NASW85-94 - C.A. Griffey, Virginia
Polytech. & State Univ., Blacksburg, VA - Ridgetown College, Univ.
of Guelph - Pro Seeds - 07/02, 5518 - Full Regional Registration
for: Nfld, P.E.I., N.S., N.B. & ON.
- 22 Whitney;SRW VA96W:247 - Coker9803/Freedom - Carl Griffey, Virginia Polytech. &
State Univ.,Blacksburg, VA - W.G.Thompson & Sons Ltd.
- 23 Sisson;SRW RC98113 - VA96W-250 - Coker9803/Freedom-C.A.Griffey,Virginia Polytech.
& State Univ., Blacksburg, VA - Ridgetown College - Univ. of Guelph -
SeCan - 10/01, 5372, Full Regional Registration for Nfld, P.E.I., N.S.,
N.B. & ON.
- *24 25R26;SRW - Bill Laskar, Pioneer Hi-Bred, Indiana - Pioneer Hi-Bred Ltd.Chatham,ON
- 25 25R23;SRW - Bill Laskar, Pioneer Hi-Bred, Indiana - Pioneer Hi-Bred Ltd.Chatham,ON
- 26 Harvard;HRW CM98036 - Pf626/80 x FHB8801/78 - Dr. P. Franck, ACS-PZO - C & M Seeds -
Sept.2002,5542, Regional Registration for Nfld, P.E.I., N.S, N.B. ON, PQ.

* Entry was dropped from the 2003/2004 Performance Trial.

ONTARIO PERFORMANCE TRIALS; FALL WHEAT 2003

DESCRIPTION OF VARIETIES/LINES TESTED

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

- 27 Carlisle;HRW-a CM98091 - MA/MV12//F 2098W2-21 - Dr. P. Franck, ACS-PZO - C & M Seeds - Oct.2002,5551, Regional Registration for Nfld, P.E.I., N.S, N.B. ON.
- 28 Vienna;SRW CM24 - unknown, bulk selection - Dr.H.Lafever - C&M Seeds-Aug.2002,5535 Regional Registration for Nfld, P.E.I., N.S, N.B. ON, PQ.
- 29 Kristy;SRW CM-RC98109 - KY84-65-3/KY84-64-1 - Dr.D.Van Sanford, Univ. of Kentucky - C & M Seeds - July 2002, 5517, Regional Registration for Nfld, P.E.I., N.S., N.B. ON.
- *30 TW005:008;SRW D0256 (Huron)/P2510 - L. Shugar, W.G.Thompson & Sons Ltd.
- *31 TW006:007;SWW D0256 (Huron)/Dianna - L. Shugar, W.G.Thompson & Sons Ltd.
- 32 Wonder;SRW OTH017:033 - R.Pandeya,Agriculture & Agri-Food Canada and Les Shugar, W.G.Thompson & Sons Ltd.- Reg.# 5545 - Full National Registration.
- 33 AC Sampson;HRW R.Pandeya,Agriculture & Agri-Food Canada, Ottawa, ON -Bramhill Seeds
- 34 TW060:075;SWW W.G.Thompson & Sons Ltd.
- *35 TW98430;HRW W.G.Thompson & Sons Ltd.
- 36 25R47;SRW Bill Laskar, Pioneer Hi-Bred, Indiana - Pioneer Hi-Bred Ltd.Chatham,ON
- 37 VA988W:586;SRW VA92-51-39/VA91-54-219 - C.A.Griffey, Virginia Polytech. & State Univ., Blacksburg,VA - Ridgetown College -U.of Guelph - Advantage Seed Growers & Processors Inc.
- 38 OTF013:081;SWW R.Pandeya,Agriculture & Agri-Food Canada and Les Shugar, W.G.Thompson & Sons Ltd.
- 39 TWF020:038;SWW R.Pandeya,Agriculture & Agri-Food Canada and Les Shugar, W.G.Thompson & Sons Ltd.
- *40 PRC006;SRW R.Pandeya,Agriculture & Agri-Food Canada, Ottawa, ON
- *41 PRC008;SWW R.Pandeya,Agriculture & Agri-Food Canada, Ottawa, ON

* Entry was dropped from the 2003/2004 Performance Trial.

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

LOCATIONS REPORTING YIELD IN EACH AREA FROM 1997 TO 2003

AREA I:

1997: Woodslee, Ridgetown, Inwood.
1998: Woodslee, Ridgetown, Inwood.
1999: Woodslee, Ridgetown, Inwood.
2000: Woodslee, Ridgetown, Inwood.
2001: Woodslee, Ridgetown, Inwood.
2002: Woodslee, Ridgetown, Inwood.
2003: Woodslee, Ridgetown, Inwood.

AREA II:

1997: Nairn, Woodstock, Elora, Harriston.
1998: Nairn, Woodstock, Elora, Harriston.
1999: Nairn, Woodstock, Elora, Harriston, Bath.
2000: Nairn, Woodstock, Elora, Harriston, Bath.
2001: Nairn, Woodstock, Elora, Palmerston, Bath.
2002: Nairn, Woodstock, Elora, Bath.
2003: Nairn, Elora, Palmerston, Bath.

AREA III:

1997: There are no yield data for Area III in 1997
1998: Ottawa.
1999: Ottawa.
2000: There are no yield data for Area III in 2000
2001: Kemptville, Ottawa.
2002: Kemptville, Ottawa.
2003: Ottawa.

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003
MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX
AREA : 1 - 3

YEAR(S): 1997-2003

KEY NAME	AREA I (21)* MEAN	AREA II (31) MEAN	AREA III (7) MEAN	PROV. (59)** MEAN
1 AC RON	101.3	101.8	103.8	101.6
2 FUNDULEA	93.9	92.6	89.9	93.1
4 AC MORLEY	98.6	100.4	94.0	98.8
5 25W33	102.9	100.7	100.7	101.8
6 SUPERIOR	103.1	104.4	111.7	104.5
OVERALL MEAN	5.92	6.07	5.53	5.97

YEAR(S): 1998-2003

KEY NAME	AREA I (18)* MEAN	AREA II (27) MEAN	AREA III (7) MEAN	PROV. (52)** MEAN
1 AC RON	99.8	101.3	100.9	100.8
2 FUNDULEA	92.6	92.0	87.4	92.0
3 AC CARTIER	93.6	95.9	104.4	96.6
4 AC MORLEY	97.5	100.2	91.4	97.9
5 25W33	102.0	101.1	98.0	100.9
6 SUPERIOR	100.6	104.1	108.6	103.6
7 25W60	110.1	102.6	95.2	103.9
8 AC MACKINNON	100.9	101.8	105.0	101.5
9 AC MOUNTAIN	101.5	99.2	103.7	100.4
10 AC ESSEX	101.5	101.6	105.4	102.2
OVERALL MEAN	6.06	6.16	5.68	6.05

YEAR(S): 1999-2003

KEY NAME	AREA I (15)* MEAN	AREA II (23) MEAN	AREA III (6) MEAN	PROV. (44)** MEAN
1 AC RON	101.5	100.9	102.3	101.3
2 FUNDULEA	92.4	92.1	89.5	92.1
3 AC CARTIER	94.7	96.2	106.2	97.8
4 AC MORLEY	98.5	100.0	92.8	98.9
5 25W33	101.9	101.9	99.8	101.0
6 SUPERIOR	103.2	103.6	111.7	104.6
7 25W60	108.1	102.0	96.4	102.4
8 AC MACKINNON	101.4	99.8	106.5	101.0
9 AC MOUNTAIN	99.6	97.3	104.7	99.4
10 AC ESSEX	100.4	100.6	106.5	101.7
11 MAXINE	95.6	99.7	91.4	97.6
12 STEALTH	101.1	101.7	91.0	99.2
13 CALEDONIA	100.1	101.5	97.0	100.0
14 WISDOM	101.2	102.6	104.1	102.7
OVERALL MEAN	6.24	6.18	5.60	6.11

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003
 MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS
 TRAIT : YIELD INDEX
 AREA : 1 - 3

YEAR(S): 2000-2003

KEY NAME	AREA I (12)*	AREA II (18)	AREA III (5)	PROV. (35)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	100.0	103.6	101.6	102.2
2 FUNDULEA	91.2	91.8	87.7	91.5
3 AC CARTIER	95.4	96.0	107.4	96.4
4 AC MORLEY	100.4	100.2	94.0	99.5
5 25W33	101.7	102.1	99.5	101.4
6 SUPERIOR	102.5	103.9	112.3	105.1
7 25W60	109.1	102.0	96.8	104.4
8 AC MACKINNON	102.2	100.8	107.6	102.6
9 AC MOUNTAIN	99.8	99.0	104.4	100.6
10 AC ESSEX	101.4	102.2	105.3	102.3
11 MAXINE	101.9	99.6	91.8	97.7
12 STEALTH	102.1	101.8	90.7	100.5
13 CALEDONIA	101.3	101.0	94.8	100.8
14 WISDOM	105.0	103.0	103.9	103.3
15 PLATINUM	87.5	90.2	97.4	89.8
16 WHITBY	98.7	102.5	104.9	101.3
OVERALL MEAN	6.38	6.21	5.72	6.19

YEAR(S): 2001-2003

KEY NAME	AREA I (9)*	AREA II (13)	AREA III (5)	PROV. (27)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	103.1	104.1	101.4	103.4
2 FUNDULEA	88.9	91.3	87.5	89.2
3 AC CARTIER	92.9	96.9	107.1	99.4
4 AC MORLEY	99.8	99.1	93.7	98.4
5 25W33	100.5	100.5	99.3	100.3
6 SUPERIOR	103.5	102.7	112.0	104.4
7 25W60	108.7	101.0	96.5	102.7
8 AC MACKINNON	107.2	103.4	107.3	104.9
9 AC MOUNTAIN	100.8	98.8	104.1	100.9
10 AC ESSEX	101.8	103.5	105.0	103.9
11 MAXINE	96.9	98.4	91.5	95.7
12 STEALTH	103.5	100.2	90.4	99.0
13 CALEDONIA	96.2	101.3	94.5	98.5
14 WISDOM	100.7	101.6	103.6	101.3
15 PLATINUM	90.2	91.6	97.1	91.5
16 WHITBY	99.9	100.7	104.6	102.3
17 WEBSTER	104.7	104.4	103.5	104.2
18 WARWICK	99.3	103.9	98.3	100.4
19 WARTHOG	98.2	94.9	97.7	96.9
20 25R49	106.8	104.5	99.3	104.8
21 PRO 202SRW	97.9	99.2	98.4	98.1
22 WHITNEY	100.7	101.3	102.7	101.6
23 SISSON	98.3	96.7	104.3	98.2
OVERALL MEAN	6.45	6.39	5.74	6.33

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX

AREA : 1 - 3

YEAR(S): 2002-2003

KEY NAME	AREA I (6)*	AREA II (8)	AREA III (3)	PROV. (17)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	100.3	102.5	99.5	100.1
2 FUNDULEA	87.6	90.3	92.3	89.2
3 AC CARTIER	97.4	97.2	102.9	98.3
4 AC MORLEY	95.8	96.5	94.2	96.5
5 25W33	100.1	98.2	103.9	100.7
6 SUPERIOR	103.2	100.7	111.7	104.5
7 25W60	106.7	101.9	102.5	105.1
8 AC MACKINNON	102.3	101.9	102.6	104.2
9 AC MOUNTAIN	102.1	100.1	107.0	102.7
10 AC ESSEX	101.7	105.3	103.1	102.9
11 MAXINE	95.0	97.5	89.6	94.4
12 STEALTH	95.4	99.5	87.2	96.0
13 CALEDONIA	102.5	99.3	102.4	101.3
14 WISDOM	98.7	101.3	103.4	101.5
15 PLATINUM	85.2	86.8	92.3	87.8
16 WHITBY	99.5	97.2	96.2	97.3
17 WEBSTER	106.9	103.4	107.1	104.7
18 WARWICK	100.1	101.9	99.1	100.6
19 WARTHOG	96.8	95.8	97.2	96.4
20 25R49	109.0	102.4	102.4	105.1
21 PRO 202SRW	96.3	96.0	94.1	95.3
22 WHITNEY	102.9	100.6	101.7	100.2
23 SISSON	94.3	94.1	102.0	96.0
24 25R26	105.5	96.8	82.9	96.7
25 25R23	107.2	104.6	103.0	107.9
26 HARVARD	101.7	107.2	101.7	102.1
27 CARLISLE	97.6	102.8	101.3	99.3
28 VIENNA	107.8	108.1	107.6	108.1
29 KRISTY	97.1	108.3	107.9	104.2
30 TWO05:008	103.2	101.6	99.3	102.3
31 TWO06:007	102.5	104.9	105.4	103.7
32 WONDER	100.4	100.8	94.4	98.5
33 AC SAMPSON	97.2	94.3	102.4	96.5
OVERALL MEAN	6.45	6.43	6.46	6.44

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS.

TRAIT : YIELD INDEX
AREA : 1 - 3

YEAR: 2003

KEY NAME	AREA I (3)*	AREA II (4)	AREA III (1)	PROV. (8)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	99	103	101	101
2 FUNDULEA	82	89	83	86
3 AC CARTIER	94	101	107	99
4 AC MORLEY	100	97	92	97
5 25W33	100	94	101	97
6 SUPERIOR	106	101	111	104
7 25W60	109	98	93	101
8 AC MACKINNON	108	105	102	105
9 AC MOUNTAIN	101	101	108	102
10 AC ESSEX	101	107	103	104
11 MAXINE	99	97	82	96
12 STEALTH	101	97	97	98
13 CALEDONIA	94	94	94	94
14 WISDOM	102	99	101	101
15 PLATINUM	88	88	92	88
16 WHITBY	95	98	93	96
17 WEBSTER	104	100	106	102
18 WARWICK	100	105	92	101
19 WARTHOG	96	96	96	96
20 25R49	105	98	98	100
21 PRO 202SRW	96	96	96	96
22 WHITNEY	100	97	99	98
23 SISSON	101	94	102	98
24 25R26	101	90	90	94
25 25R23	114	103	103	107
26 HARVARD	101	107	110	105
27 CARLISLE	99	101	104	101
28 VIENNA	106	108	118	109
29 KRISTY	101	108	107	106
30 TW005:008	105	97	94	100
31 TW006:007	102	106	101	104
32 WONDER	96	100	93	98
33 AC SAMPSON	97	96	102	97
34 TW060:075	106	104	109	105
35 TW98430	85	100	86	93
36 25R47	118	116	118	117
37 VA98W:586	98	99	104	99
38 OTF013:081	89	93	96	92
39 TWFO20:038	104	105	106	105
40 PRC006	93	111	106	103
41 PRC008	105	103	103	104
OVERALL MEAN	7.23	5.90	7.54	6.60

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD
 AREA(S): 1- 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

YEAR : 1997

KEY NAME	WE97N	RN97N	ID97N	NN97N	WK97N	EA97N	HN97N
1 AC RON	107	99	95	99	102	101	99
2 FUNDULEA	100	91	108	99	98	100	91
4 AC MORLEY	94	96	96	94	96	100	110
5 25W33	91	114	110	101	100	93	103
6 SUPERIOR	108	100	91	107	105	106	98
LOCATION MEAN	7.12	6.01	3.94	5.63	6.27	6.29	5.11

YEAR : 1998

KEY NAME	WE98N	RN98N	ID98N	NN98N	WK98N	EA98N	HN98N	O198N
1 AC RON	92	97	92	99	106	97	99	102
2 FUNDULEA	99	99	91	91	91	95	86	83
3 AC CARTIER	92	87	93	89	98	83	93	104
4 AC MORLEY	87	84	91	94	92	104	99	92
5 25W33	101	107	98	103	79	97	105	97
6 SUPERIOR	92	89	95	106	103	104	102	101
7 25W60	112	128	115	109	106	111	102	97
8 AC MACKINNON	103	97	107	104	113	97	114	107
9 AC MOUNTAIN	117	109	108	106	111	108	102	108
10 AC ESSEX	105	105	110	99	101	102	98	109
LOCATION MEAN	4.46	5.54	4.85	6.33	6.05	6.81	5.97	5.60

YEAR : 1999

KEY NAME	WE99N	RN99N	ID99N	NN99N	WK99N	EA99N	HN99N	BH99N	O199N
1 AC RON	107	98	99	95	88	103	98	91	105
2 FUNDULEA	102	99	91	98	99	87	88	98	98
3 AC CARTIER	99	95	94	97	92	105	104	109	99
4 AC MORLEY	88	97	90	97	98	101	105	105	86
5 25W33	108	102	103	104	104	104	110	89	101
6 SUPERIOR	108	100	101	99	110	108	109	101	107
7 25W60	102	113	106	105	105	102	97	100	94
8 AC MACKINNON	97	94	98	94	97	94	100	103	100
9 AC MOUNTAIN	102	96	104	92	90	103	82	103	105
10 AC ESSEX	107	98	104	103	97	102	92	102	111
11 MAXINE	80	99	104	104	105	97	112	94	89
12 STEALTH	96	102	98	102	113	97	102	106	92
13 CALEDONIA	102	103	104	107	95	104	97	97	108
14 WISDOM	101	104	106	102	106	94	104	103	105
LOCATION MEAN	6.36	6.52	5.27	6.24	8.16	5.03	4.81	4.85	4.98

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

DATA EXPRESSED RELATIVE TO LOCATION MEANS.

TRAIT : YIELD
 AREA(S): 1- 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

YEAR : 2000

KEY NAME	WE00N	RNO0N	IDO0N	NNO0N	WKO0N	EAO0N	HNO0N	BHO0N	MEAN
1 AC RON	97	92	97	102	94	98	108	108	100
2 FUNDULEA	93	98	100	94	79	84	103	99	94
3 AC CARTIER	94	93	95	97	90	88	86	102	93
4 AC MORLEY	101	101	101	100	96	113	108	101	103
5 25W33	109	95	106	112	107	98	107	101	105
6 SUPERIOR	99	96	102	104	96	109	121	100	103
7 25W60	106	114	111	106	111	108	90	105	106
8 AC MACKINNON	104	85	91	95	97	95	93	90	94
9 AC MOUNTAIN	101	95	101	98	98	102	96	102	99
10 AC ESSEX	108	99	96	96	103	100	102	93	100
11 MAXINE	101	122	98	98	114	112	103	90	105
12 STEALTH	109	109	106	105	111	100	98	110	106
13 CALEDONIA	98	107	109	104	106	106	93	94	102
14 WISDOM	105	125	105	103	114	110	98	102	108
15 PLATINUM	82	71	84	82	78	77	85	98	82
16 WHITBY	94	96	99	102	105	99	109	105	101
LOCATION MEAN	7.44	5.33	5.71	6.28	7.41	6.11	4.38	4.63	5.91

YEAR : 2001

KEY NAME	WE01N	RNO1N	IDO1N	NNO1N	WKO1N	EAO1N	PNO1N	BHO1N	KE01N	O101N
1 AC RON	116	102	104	108	110	97	102	105	98	109
2 FUNDULEA	96	88	91	84	89	101	89	92	92	68
3 AC CARTIER	98	84	91	91	91	99	92	99	113	113
4 AC MORLEY	98	103	103	95	107	102	103	99	86	99
5 25W33	102	100	106	103	91	104	113	99	81	103
6 SUPERIOR	104	104	103	101	104	105	106	104	109	115
7 25W60	114	103	112	102	92	92	103	98	88	87
8 AC MACKINNON	112	100	89	103	108	98	96	114	114	114
9 AC MOUNTAIN	108	93	85	98	94	85	93	102	101	98
10 AC ESSEX	110	96	89	96	96	95	99	105	106	109
11 MAXINE	82	101	105	100	102	97	94	95	90	98
12 STEALTH	108	108	102	104	94	90	104	105	93	97
13 CALEDONIA	94	95	100	95	108	110	104	96	95	69
14 WISDOM	96	100	104	100	105	96	98	101	103	104
15 PLATINUM	84	100	103	103	95	99	111	79	97	111
16 WHITBY	112	102	103	98	103	106	113	101	120	113
17 WEBSTER	102	108	102	102	109	102	108	99	99	96
18 WARWICK	92	105	105	109	95	110	102	107	110	84
19 WARTHOG	96	93	90	95	82	102	93	85	105	91
20 25R49	110	107	101	96	110	113	98	111	89	100
21 PRO 202SRW	92	105	101	115	105	103	86	104	105	104
22 WHITNEY	92	103	107	102	108	96	96	100	105	103
23 SISSON	90	100	103	97	102	97	98	101	102	112
LOCATION MEAN	5.02	7.49	6.30	5.97	7.31	7.61	6.51	4.81	4.32	5.04

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD
 YEAR : 2002
 AREA(S): 1- 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WE02N	RN02N	ID02N	NN02N	WK02N	EA02N	BH02N	KE02N	O102N
1 AC RON	107	94	102	104	100	100	101	94	102
2 FUNDULEA	94	89	100	103	81	92	88	102	91
3 AC CARTIER	100	99	90	90	91	97	90	103	98
4 AC MORLEY	97	97	95	93	98	85	105	88	102
5 25W33	98	99	97	100	102	103	99	103	107
6 SUPERIOR	109	96	92	97	105	94	100	116	107
7 25W60	98	110	105	99	102	121	100	108	105
8 AC MACKINNON	104	100	104	97	96	98	102	107	98
9 AC MOUNTAIN	100	106	96	95	95	105	98	114	98
10 AC ESSEX	102	103	99	103	103	104	103	108	97
11 MAXINE	89	95	98	90	99	95	105	96	90
12 STEALTH	90	97	98	97	104	106	98	89	75
13 CALEDONIA	106	106	103	96	101	113	105	115	97
14 WISDOM	102	95	99	106	98	105	100	104	104
15 PLATINUM	83	85	90	91	79	91	79	84	100
16 WHITBY	105	99	96	104	89	101	89	89	105
17 WEBSTER	104	109	101	101	110	112	99	110	104
18 WARWICK	93	106	93	111	97	91	93	105	99
19 WARTHOG	98	94	108	93	93	96	98	98	97
20 25R49	113	107	106	103	112	108	101	103	105
21 PRO 202SRW	100	93	99	93	98	93	99	94	92
22 WHITNEY	108	102	104	97	114	97	103	103	103
23 SISSON	92	89	92	89	105	83	96	101	103
24 25R26	116	100	100	105	103	103	100	75	83
25 25R23	104	108	117	106	106	108	101	101	104
26 HARVARD	92	108	106	106	109	106	106	95	98
27 CARLISLE	91	100	105	113	105	93	104	92	107
28 VIENNA	116	106	102	102	101	109	114	97	106
29 KRISTY	86	104	100	102	108	104	115	112	104
30 TWO05:008	102	107	108	106	104	103	107	102	101
31 TWO06:007	104	103	99	104	101	98	109	99	115
32 WONDER	95	107	103	107	97	97	105	90	100
33 AC SAMPSON	103	91	92	96	95	88	87	104	101
LOCATION MEAN	5.54	6.12	5.77	5.28	8.35	7.68	6.80	6.58	5.32

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

DATA EXPRESSED RELATIVE TO LOCATION MEANS.

TRAIT : YIELD
 YEAR : 2003
 AREA(S): 1- 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WEO3N	RNO3N	IDO3N	NNO3N	EAO3N	PN03N	BHO3N	O103N
1 AC RON	102	92	101	109	107	101	94	101
2 FUNDULEA	79	88	80	90	84	89	92	83
3 AC CARTIER	100	89	94	102	106	101	96	107
4 AC MORLEY	106	99	94	97	100	102	87	92
5 25W33	98	99	104	107	81	94	95	101
6 SUPERIOR	102	110	105	101	100	106	99	111
7 25W60	115	99	112	105	89	99	97	94
8 AC MACKINNON	111	109	104	108	101	108	102	102
9 AC MOUNTAIN	109	95	101	104	104	96	100	108
10 AC ESSEX	101	100	101	111	114	99	103	103
11 MAXINE	94	101	102	93	111	95	89	82
12 STEALTH	104	100	100	93	97	97	101	97
13 CALEDONIA	90	94	96	103	78	92	102	94
14 WISDOM	107	98	100	101	98	98	101	101
15 PLATINUM	87	89	88	84	90	93	83	92
16 WHITBY	101	90	95	108	95	93	94	93
17 WEBSTER	100	104	109	107	99	103	91	106
18 WARWICK	98	101	101	115	92	108	104	92
19 WARTHOG	89	100	99	88	97	97	101	96
20 25R49	105	101	108	99	77	104	112	98
21 PRO 202SRW	96	95	97	99	98	90	95	96
22 WHITNEY	102	99	99	95	104	97	93	99
23 SISSON	102	99	103	90	100	92	95	102
24 25R26	104	97	101	96	75	92	98	89
25 25R23	118	115	110	114	85	112	101	103
26 HARVARD	96	101	106	100	120	108	99	111
27 CARLISLE	90	104	103	101	104	99	101	104
28 VIENNA	110	106	102	93	117	109	114	118
29 KRISTY	97	105	101	97	117	109	111	107
30 TW005:008	110	106	101	102	94	99	93	94
31 TW006:007	96	108	101	108	111	103	101	101
32 WONDER	96	94	100	97	94	93	112	93
33 AC SAMPSON	92	102	98	94	101	97	94	102
34 TW060:075	109	106	103	96	112	110	98	109
35 TW98430	76	90	89	100	109	94	97	86
36 25R47	119	120	113	104	124	108	130	118
37 VA98W:586	94	102	99	97	99	104	97	104
38 OTF013:081	84	93	90	86	95	100	92	96
39 TWFO20:038	106	105	102	99	106	108	106	106
40 PRC006	98	89	91	107	117	106	114	106
41 PRC008	107	108	98	102	100	98	113	103
LOCATION MEAN	7.63	7.00	7.07	5.53	6.18	6.40	5.47	7.54

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

TRAIT : YIELD
 AREA : 1 - 3
 YEAR(S): 1997-2003

KEY NAME	AREA I (21)* MEAN	AREA II (31) MEAN	AREA III (7) MEAN	PROV. (59)** MEAN
1 AC RON	6.01	6.18	5.71	6.06
2 FUNDULEA	5.62	5.63	4.96	5.55
4 AC MORLEY	5.82	6.10	5.19	5.89
5 25W33	6.15	6.16	5.60	6.09
6 SUPERIOR	6.07	6.34	6.17	6.23
OVERALL MEAN	5.92	6.07	5.53	5.97

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (21)* MEAN	AREA II (31) MEAN	AREA III (7) MEAN	PROV. (59)** MEAN
1 AC RON	101.3	101.8	103.8	101.6
2 FUNDULEA	93.9	92.6	89.9	93.1
4 AC MORLEY	98.6	100.4	94.0	98.8
5 25W33	102.9	100.7	100.7	101.8
6 SUPERIOR	103.1	104.4	111.7	104.5
OVERALL MEAN	5.92	6.07	5.53	5.97

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR(S): 1997-2003

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 AC RON	3	6.01	74.0	36	100	1.1	105	154	2.4	3.1	3.8	.	3.7	.	1.6	.	192
2 FUNDULEA	5	5.62	78.6	35	99	0.4	95	155	3.6	2.0	3.7	.	5.0	.	2.9	.	192
4 AC MORLEY	4	5.82	78.0	36	99	2.3	113	154	1.3	0.6	3.6	.	2.3	.	1.9	.	192
5 25W33	1	6.15	73.9	32	96	0.5	86	152	1.3	0.9	3.4	.	3.0	.	1.9	.	191
6 SUPERIOR	2	6.07	74.7	38	100	1.1	101	155	1.7	2.2	3.1	.	4.7	.	1.9	.	194
LOCATIONS		21	20	19	1	13	20	15	17	7	4	0	6	0	3	0	7

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 AC RON	2	6.18	73.9	37	92	1.1	103	160	3.0	3.7	4.3	0.8	6.7	.	0.4	2.0	196
2 FUNDULEA	5	5.63	77.9	35	94	0.1	93	162	4.1	1.7	4.9	1.6	3.2	.	0.5	0.0	197
4 AC MORLEY	4	6.10	78.3	38	94	1.8	109	160	1.5	0.9	3.8	1.1	1.9	.	0.8	0.2	197
5 25W33	3	6.16	73.3	32	89	0.2	83	159	1.7	0.9	4.2	1.0	7.9	.	0.3	1.8	197
6 SUPERIOR	1	6.34	75.2	40	94	0.7	99	161	2.2	3.2	4.0	0.9	4.0	.	0.3	1.5	198
LOCATIONS		31	32	32	14	17	32	31	24	12	20	4	10	0	3	2	10

AREA : 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	%	0-9	0-9	0-9	*
1 AC RON	2	5.71	74.9	39	92	1.2	94	159	1.8	8.0	7.5	.	.	.	.	.	.
2 FUNDULEA	5	4.96	81.5	38	87	0.8	86	160	4.2	8.0	7.8	.	.	.	.	.	.
4 AC MORLEY	4	5.19	80.6	38	86	1.2	101	158	0.3	7.3	7.3	.	.	.	.	.	.
5 25W33	3	5.60	76.6	33	83	0.9	75	158	1.0	0.0	8.0	.	.	.	.	.	.
6 SUPERIOR	1	6.17	77.8	39	91	1.5	92	160	1.6	8.0	7.5	.	.	.	.	.	.
LOCATIONS		7	8	8	4	4	8	8	4	1	1	0	0	0	0	0	0

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 AC RON	3	6.06	74.0	37	93	1.1	102	158	2.6	3.7	4.4	0.8	5.5	.	1.0	2.0	194
2 FUNDULEA	5	5.55	78.6	35	93	0.3	93	160	3.9	2.1	4.8	1.6	3.9	.	1.7	0.0	195
4 AC MORLEY	4	5.89	78.5	37	92	1.9	109	158	1.3	1.1	3.9	1.1	2.0	.	1.3	0.2	195
5 25W33	2	6.09	73.9	32	88	0.4	83	157	1.5	0.9	4.2	1.0	6.1	.	1.1	1.8	194
6 SUPERIOR	1	6.23	75.4	39	94	0.9	99	159	2.0	3.1	4.0	0.9	4.2	.	1.1	1.5	196
LOCATIONS		59	60	59	19	34	60	54	45	20	25	4	16	0	6	2	17

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

TRAIT : YIELD
 AREA : 1 - 3
 YEAR(S): 1998-2003

KEY NAME	AREA I (18)* MEAN	AREA II (27) MEAN	AREA III (7) MEAN	PROV. (52)** MEAN
1 AC RON	6.05	6.23	5.71	6.09
2 FUNDULEA	5.63	5.63	4.96	5.54
3 AC CARTIER	5.69	5.88	5.91	5.82
4 AC MORLEY	5.89	6.15	5.19	5.93
5 25W33	6.19	6.22	5.60	6.13
6 SUPERIOR	6.13	6.38	6.17	6.27
7 25W60	6.65	6.33	5.43	6.32
8 AC MACKINNON	6.11	6.22	5.94	6.14
9 AC MOUNTAIN	6.14	6.09	5.92	6.08
10 AC ESSEX	6.17	6.23	5.97	6.18
OVERALL MEAN	6.06	6.16	5.68	6.05

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (18)* MEAN	AREA II (27) MEAN	AREA III (7) MEAN	PROV. (52)** MEAN
1 AC RON	99.8	101.3	100.9	100.8
2 FUNDULEA	92.6	92.0	87.4	92.0
3 AC CARTIER	93.6	95.9	104.4	96.6
4 AC MORLEY	97.5	100.2	91.4	97.9
5 25W33	102.0	101.1	98.0	100.9
6 SUPERIOR	100.6	104.1	108.6	103.6
7 25W60	110.1	102.6	95.2	103.9
8 AC MACKINNON	100.9	101.8	105.0	101.5
9 AC MOUNTAIN	101.5	99.2	103.7	100.4
10 AC ESSEX	101.5	101.6	105.4	102.2
OVERALL MEAN	6.06	6.16	5.68	6.05

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR(S): 1998-2003

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 AC RON	7	6.05	74.0	36	.	0.7	105	152	2.3	3.1	3.7	.	4.1	.	1.6	.	190
2 FUNDULEA	10	5.63	78.7	35	.	0.4	94	153	3.7	2.0	3.4	.	5.8	.	2.9	.	191
3 AC CARTIER	9	5.69	75.9	39	.	0.8	106	154	1.6	1.5	4.7	.	2.7	.	2.1	.	191
4 AC MORLEY	8	5.89	78.1	36	.	1.9	112	152	1.3	0.6	2.9	.	2.7	.	1.9	.	191
5 25W33	2	6.19	74.0	31	.	0.5	85	150	1.3	0.9	3.2	.	3.2	.	1.9	.	190
6 SUPERIOR	5	6.13	75.0	37	.	0.8	100	153	1.7	2.2	2.8	.	5.4	.	1.9	.	193
7 25W60	1	6.65	75.5	35	.	1.4	94	148	1.7	1.3	2.2	.	7.2	.	1.8	.	189
8 AC MACKINNON	6	6.11	73.8	35	.	0.6	100	150	2.3	4.7	3.2	.	7.8	.	1.7	.	189
9 AC MOUNTAIN	4	6.14	73.7	36	.	1.5	103	152	2.7	3.6	3.5	.	3.0	.	1.4	.	189
10 AC ESSEX	3	6.17	74.1	37	.	1.0	101	151	2.5	3.2	3.0	.	6.8	.	1.4	.	190
LOCATIONS		18	18	17	0	12	13	13	15	7	2	0	5	0	3	0	6

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 AC RON	3	6.23	73.7	37	92	1.1	104	159	3.2	4.0	4.4	0.5	6.7	.	0.4	2.0	194
2 FUNDULEA	10	5.63	78.0	35	94	0.1	95	160	4.4	1.9	4.9	1.5	3.2	.	0.5	0.0	194
3 AC CARTIER	9	5.88	75.6	40	96	0.6	105	160	2.4	1.8	4.8	1.5	3.9	.	0.1	1.5	195
4 AC MORLEY	7	6.15	78.3	38	94	1.9	110	158	1.6	0.9	3.9	0.9	1.9	.	0.8	0.5	195
5 25W33	5	6.22	73.2	32	88	0.2	84	158	1.9	0.9	4.2	1.0	7.9	.	0.3	0.5	194
6 SUPERIOR	1	6.38	75.0	39	93	0.8	100	160	2.5	3.2	4.1	0.5	4.0	.	0.3	3.0	196
7 25W60	2	6.33	75.1	35	89	0.9	91	156	2.6	1.6	4.5	1.8	6.6	.	0.2	0.0	192
8 AC MACKINNON	5	6.22	73.4	36	94	0.4	100	157	2.4	6.1	5.2	2.0	6.1	.	0.3	1.5	194
9 AC MOUNTAIN	8	6.09	73.4	37	95	1.2	101	157	3.2	4.7	4.8	0.7	5.5	.	0.5	2.5	193
10 AC ESSEX	3	6.23	73.7	38	96	0.8	100	157	3.0	3.5	4.9	0.9	4.8	.	0.4	1.5	194
LOCATIONS		27	28	28	11	16	28	27	21	11	16	3	10	0	3	1	8

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR(S): 1998-2003

AREA : 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	%	0-9	0-9	0-9	*
1 AC RON	6	5.71	74.7	40	91	1.2	96	159	1.9	8.0	7.5	.	.	.	.	.	.
2 FUNDULEA	10	4.96	81.3	38	88	0.8	89	159	4.8	8.0	7.8	.	.	.	.	.	.
3 AC CARTIER	5	5.91	78.0	41	93	1.1	97	159	0.8	5.8	8.3	.	.	.	.	.	.
4 AC MORLEY	9	5.19	80.4	38	86	1.2	103	158	0.4	7.3	7.3	.	.	.	.	.	.
5 25W33	7	5.60	76.4	33	85	0.9	78	157	1.4	0.0	8.0	.	.	.	.	.	.
6 SUPERIOR	1	6.17	77.6	39	91	1.5	94	159	1.8	8.0	7.5	.	.	.	.	.	.
7 25W60	8	5.43	77.6	36	77	1.2	84	156	2.3	0.0	8.0	.	.	.	.	.	.
8 AC MACKINNON	3	5.94	76.8	38	88	1.2	93	156	2.8	8.3	8.0	.	.	.	.	.	.
9 AC MOUNTAIN	4	5.92	76.8	39	92	1.3	93	157	3.0	8.3	8.0	.	.	.	.	.	.
10 AC ESSEX	2	5.97	76.7	40	89	0.9	92	157	2.7	8.3	8.0	.	.	.	.	.	.
LOCATIONS		7	7	7	3	4	7	7	2	1	1	0	0	0	0	0	0

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 AC RON	6	6.09	73.9	37	92	0.9	103	157	2.7	3.9	4.5	0.5	5.8	.	1.0	2.0	192
2 FUNDULEA	10	5.54	78.7	35	92	0.3	94	158	4.2	2.2	4.9	1.5	4.1	.	1.7	0.0	193
3 AC CARTIER	9	5.82	76.0	40	95	0.7	104	158	2.0	1.9	5.0	1.5	3.5	.	1.1	1.5	193
4 AC MORLEY	8	5.93	78.5	37	92	1.8	109	157	1.4	1.2	4.0	0.9	2.2	.	1.3	0.5	193
5 25W33	5	6.13	73.9	32	88	0.4	84	155	1.6	0.9	4.3	1.0	6.3	.	1.1	0.5	192
6 SUPERIOR	2	6.27	75.4	39	93	0.8	99	158	2.1	3.1	4.2	0.5	4.4	.	1.1	3.0	194
7 25W60	1	6.32	75.5	35	86	1.1	91	154	2.2	1.4	4.4	1.8	6.8	.	1.0	0.0	191
8 AC MACKINNON	4	6.14	74.0	36	93	0.6	99	155	2.4	5.7	5.1	2.0	6.7	.	1.0	1.5	191
9 AC MOUNTAIN	7	6.08	74.0	37	94	1.3	101	156	3.0	4.5	4.8	0.7	4.7	.	0.9	2.5	192
10 AC ESSEX	3	6.18	74.3	38	94	0.9	99	156	2.8	3.6	4.9	0.9	5.4	.	0.9	1.5	192
LOCATIONS		52	53	52	14	32	53	47	39	19	19	3	15	0	6	1	14

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

TRAIT : YIELD
 AREA : 1 - 3
 YEAR(S) : 1999-2003

KEY NAME	AREA I (15)*	AREA II (23)	AREA III (6)	PROV. (44)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	6.33	6.21	5.70	6.18
2 FUNDULEA	5.80	5.61	5.02	5.60
3 AC CARTIER	5.94	5.91	5.93	5.92
4 AC MORLEY	6.20	6.15	5.19	6.03
5 25W33	6.42	6.25	5.63	6.22
6 SUPERIOR	6.45	6.36	6.26	6.37
7 25W60	6.81	6.26	5.43	6.34
8 AC MACKINNON	6.33	6.13	5.93	6.17
9 AC MOUNTAIN	6.27	5.98	5.90	6.06
10 AC ESSEX	6.35	6.22	5.95	6.23
11 MAXINE	6.18	6.17	5.09	6.03
12 STEALTH	6.42	6.26	5.10	6.16
13 CALEDONIA	6.31	6.22	5.47	6.15
14 WISDOM	6.49	6.30	5.82	6.30
OVERALL MEAN	6.24	6.18	5.60	6.11

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (15)*	AREA II (23)	AREA III (6)	PROV. (44)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	101.5	100.9	102.3	101.3
2 FUNDULEA	92.4	92.1	89.5	92.1
3 AC CARTIER	94.7	96.2	106.2	97.8
4 AC MORLEY	98.5	100.0	92.8	98.9
5 25W33	101.9	101.9	99.8	101.0
6 SUPERIOR	103.2	103.6	111.7	104.6
7 25W60	108.1	102.0	96.4	102.4
8 AC MACKINNON	101.4	99.8	106.5	101.0
9 AC MOUNTAIN	99.6	97.3	104.7	99.4
10 AC ESSEX	100.4	100.6	106.5	101.7
11 MAXINE	95.6	99.7	91.4	97.6
12 STEALTH	101.1	101.7	91.0	99.2
13 CALEDONIA	100.1	101.5	97.0	100.0
14 WISDOM	101.2	102.6	104.1	102.7
OVERALL MEAN	6.24	6.18	5.60	6.11

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR(S): 1999-2003

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 AC RON	7	6.33	74.1	36	.	0.8	107	154	2.6	3.7	3.7	.	4.1	.	2.5	.	192
2 FUNDULEA	14	5.80	78.5	35	.	0.5	95	155	3.7	2.3	3.4	.	5.8	.	6.8	.	193
3 AC CARTIER	13	5.94	76.3	39	.	1.0	108	155	1.5	1.5	4.7	.	2.7	.	3.3	.	193
4 AC MORLEY	11	6.20	78.1	36	.	2.2	113	154	1.4	0.7	2.9	.	2.7	.	3.0	.	193
5 25W33	4	6.42	74.0	32	.	0.6	87	152	1.4	0.9	3.2	.	3.2	.	3.0	.	192
6 SUPERIOR	3	6.45	75.2	38	.	0.9	103	155	1.8	2.4	2.8	.	5.4	.	2.8	.	194
7 25W60	1	6.81	75.6	35	.	1.6	95	149	2.0	1.6	2.2	.	7.2	.	3.8	.	190
8 AC MACKINNON	7	6.33	73.5	35	.	0.7	102	152	2.8	5.2	3.2	.	7.8	.	3.0	.	190
9 AC MOUNTAIN	10	6.27	73.6	36	.	1.8	104	153	2.8	4.0	3.5	.	3.0	.	2.5	.	191
10 AC ESSEX	6	6.35	74.1	37	.	1.1	103	153	2.6	3.8	3.0	.	6.8	.	2.5	.	191
11 MAXINE	12	6.18	78.1	42	.	0.8	96	151	0.4	0.6	2.2	.	4.0	.	2.8	.	193
12 STEALTH	4	6.42	75.9	35	.	0.2	96	153	3.8	1.9	2.7	.	3.6	.	3.3	.	194
13 CALEDONIA	9	6.31	74.2	38	.	0.6	90	153	2.0	1.6	2.8	.	6.1	.	2.8	.	193
14 WISDOM	2	6.49	75.9	36	.	2.2	97	149	2.3	0.4	4.2	.	8.2	.	5.5	.	190
LOCATIONS	15	15	14	0	10	15	11	12	6	5	0	5	0		0	7	

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 AC RON	8	6.21	73.6	37	92	1.2	104	160	3.3	4.2	4.6	0.5	6.7	.	0.5	2.0	196
2 FUNDULEA	14	5.61	78.0	35	94	0.1	96	162	4.5	1.9	5.0	1.5	3.2	.	0.5	0.0	197
3 AC CARTIER	13	5.91	75.7	40	96	0.7	106	161	2.3	1.8	5.0	1.5	3.9	.	0.1	1.5	197
4 AC MORLEY	10	6.15	78.3	38	94	1.9	111	160	1.5	0.9	3.9	0.9	1.9	.	0.8	0.5	198
5 25W33	5	6.25	73.2	32	88	0.2	85	159	2.3	0.9	4.3	1.0	7.9	.	0.2	0.5	197
6 SUPERIOR	1	6.36	75.1	40	93	0.9	101	161	2.6	3.5	4.2	0.5	4.0	.	0.2	3.0	198
7 25W60	3	6.26	75.0	35	89	0.9	93	158	3.1	1.7	4.6	1.8	6.6	.	0.2	0.0	195
8 AC MACKINNON	11	6.13	73.7	36	94	0.4	100	158	2.8	6.2	5.4	2.0	6.1	.	0.1	1.5	196
9 AC MOUNTAIN	12	5.98	73.3	37	95	1.3	102	159	3.4	4.9	4.9	0.7	5.5	.	0.4	2.5	196
10 AC ESSEX	6	6.22	73.6	38	96	0.9	101	159	3.2	3.6	5.0	0.9	4.8	.	0.2	1.5	196
11 MAXINE	9	6.17	78.0	42	94	0.2	93	158	0.6	1.4	4.9	0.7	3.3	.	0.4	0.0	196
12 STEALTH	3	6.26	75.9	36	89	0.2	94	160	4.4	3.1	4.1	1.3	2.8	.	0.2	1.0	198
13 CALEDONIA	6	6.22	74.0	39	93	0.1	89	159	2.8	2.5	4.2	0.5	6.1	.	0.1	1.0	197
14 WISDOM	2	6.30	75.3	36	92	1.5	94	157	3.3	0.8	5.1	2.0	2.3	.	0.4	0.0	195
LOCATIONS	23	24	24	11	14	24	23	17	10	14	3	10	0	2	1	6	

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR(S): 1999-2003

AREA : 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	%	0-9	0-9	0-9	*
1 AC RON	7	5.70	74.2	41	91	1.3	99	161	1.9	8.0	7.5	.	.	.	.	.	.
2 FUNDULEA	14	5.02	81.5	38	88	0.8	92	162	4.8	8.0	7.8	.	.	.	.	.	.
3 AC CARTIER	3	5.93	77.9	41	93	1.1	100	161	0.8	5.8	8.3	.	.	.	.	.	.
4 AC MORLEY	11	5.19	80.3	38	86	1.3	106	160	0.4	7.3	7.3	.	.	.	.	.	.
5 25W33	8	5.63	76.2	33	85	0.9	81	159	1.4	0.0	8.0	.	.	.	.	.	.
6 SUPERIOR	1	6.26	77.8	39	91	1.6	97	162	1.8	8.0	7.5	.	.	.	.	.	.
7 25W60	10	5.43	77.5	37	77	1.3	87	158	2.3	0.0	8.0	.	.	.	.	.	.
8 AC MACKINNON	3	5.93	76.5	38	88	1.3	96	158	2.8	8.3	8.0	.	.	.	.	.	.
9 AC MOUNTAIN	5	5.90	76.6	39	92	1.4	96	159	3.0	8.3	8.0	.	.	.	.	.	.
10 AC ESSEX	2	5.95	76.5	40	89	0.8	94	159	2.7	8.3	8.0	.	.	.	.	.	.
11 MAXINE	13	5.09	79.8	44	77	1.0	88	157	1.1	0.0	8.0	.	.	.	.	.	.
12 STEALTH	12	5.10	76.4	38	73	0.8	88	160	5.8	8.0	7.5	.	.	.	.	.	.
13 CALEDONIA	9	5.47	77.2	39	80	0.8	83	160	3.0	1.8	8.0	.	.	.	.	.	.
14 WISDOM	6	5.82	77.7	36	90	2.1	90	156	4.1	0.0	8.0	.	.	.	.	.	.
LOCATIONS		6	6	6	6	3	6	6	6	1	1	0	0	0	0	0	0

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 AC RON	6	6.18	73.9	37	92	1.1	104	159	2.9	4.3	4.6	0.5	5.8	.	1.1	2.0	194
2 FUNDULEA	14	5.60	78.6	35	92	0.3	95	160	4.2	2.4	4.9	1.5	4.1	.	2.6	0.0	195
3 AC CARTIER	13	5.92	76.2	40	95	0.8	106	159	1.9	1.9	5.2	1.5	3.5	.	1.2	1.5	195
4 AC MORLEY	11	6.03	78.5	37	92	2.0	111	158	1.4	1.2	4.0	0.9	2.2	.	1.5	0.5	195
5 25W33	5	6.22	73.9	32	88	0.5	85	157	1.9	0.9	4.4	1.0	6.3	.	1.1	0.5	195
6 SUPERIOR	1	6.37	75.5	39	93	1.0	101	160	2.3	3.4	4.2	0.5	4.4	.	1.1	3.0	196
7 25W60	2	6.34	75.5	35	86	1.2	93	155	2.6	1.6	4.5	1.8	6.8	.	1.4	0.0	193
8 AC MACKINNON	7	6.17	74.0	36	93	0.6	100	157	2.8	6.1	5.3	2.0	6.7	.	1.1	1.5	193
9 AC MOUNTAIN	10	6.06	73.8	37	94	1.5	102	157	3.1	4.8	4.9	0.7	4.7	.	1.1	2.5	194
10 AC ESSEX	4	6.23	74.2	38	94	1.0	101	157	2.9	3.9	4.9	0.9	5.4	.	1.0	1.5	194
11 MAXINE	11	6.03	78.3	42	91	0.5	93	156	0.6	1.0	4.7	0.7	3.5	.	1.2	0.0	194
12 STEALTH	8	6.16	76.0	36	86	0.2	94	158	4.3	3.0	4.1	1.3	3.1	.	1.2	1.0	196
13 CALEDONIA	9	6.15	74.5	39	90	0.4	88	158	2.5	2.2	4.3	0.5	6.1	.	1.0	1.0	195
14 WISDOM	3	6.30	75.8	36	92	1.8	95	154	3.0	0.6	5.2	2.0	4.3	.	2.1	0.0	193
LOCATIONS		44	45	44	14	27	45	40	32	16	17	3	15	0	3	1	11

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

TRAIT : YIELD
 AREA : 1 - 3
 YEAR(S) : 2000-2003

KEY NAME	AREA I (12)*	AREA II (18)	AREA III (5)	PROV. (35)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	6.38	6.41	5.80	6.31
2 FUNDULEA	5.77	5.64	5.05	5.60
3 AC CARTIER	5.96	5.93	6.13	5.97
4 AC MORLEY	6.36	6.23	5.37	6.15
5 25W33	6.45	6.33	5.75	6.29
6 SUPERIOR	6.49	6.42	6.44	6.45
7 25W60	6.89	6.35	5.58	6.43
8 AC MACKINNON	6.45	6.26	6.12	6.31
9 AC MOUNTAIN	6.31	6.13	6.03	6.18
10 AC ESSEX	6.38	6.34	6.03	6.31
11 MAXINE	6.31	6.22	5.23	6.11
12 STEALTH	6.54	6.30	5.21	6.23
13 CALEDONIA	6.33	6.33	5.49	6.21
14 WISDOM	6.55	6.39	5.94	6.38
15 PLATINUM	5.58	5.56	5.52	5.56
16 WHITBY	6.30	6.30	5.88	6.24
OVERALL MEAN	6.38	6.21	5.72	6.19

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (12)*	AREA II (18)	AREA III (5)	PROV. (35)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	100.0	103.6	101.6	102.2
2 FUNDULEA	91.2	91.8	87.7	91.5
3 AC CARTIER	95.4	96.0	107.4	96.4
4 AC MORLEY	100.4	100.2	94.0	99.5
5 25W33	101.7	102.1	99.5	101.4
6 SUPERIOR	102.5	103.9	112.3	105.1
7 25W60	109.1	102.0	96.8	104.4
8 AC MACKINNON	102.2	100.8	107.6	102.6
9 AC MOUNTAIN	99.8	99.0	104.4	100.6
10 AC ESSEX	101.4	102.2	105.3	102.3
11 MAXINE	101.9	99.6	91.8	97.7
12 STEALTH	102.1	101.8	90.7	100.5
13 CALEDONIA	101.3	101.0	94.8	100.8
14 WISDOM	105.0	103.0	103.9	103.3
15 PLATINUM	87.5	90.2	97.4	89.8
16 WHITBY	98.7	102.5	104.9	101.3
OVERALL MEAN	6.38	6.21	5.72	6.19

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR(S): 2000-2003

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 AC RON	7	6.38	73.2	37	.	1.0	110	155	2.6	3.9	3.7	.	4.1	.	2.5	.	194
2 FUNDULEA	15	5.77	77.8	34	.	0.6	98	156	3.8	2.6	3.4	.	5.8	.	6.8	.	195
3 AC CARTIER	14	5.96	75.7	39	.	1.2	111	156	1.5	1.6	4.7	.	2.7	.	3.3	.	195
4 AC MORLEY	9	6.36	77.7	37	.	2.7	117	155	1.2	0.9	2.9	.	2.7	.	3.0	.	195
5 25W33	5	6.45	73.5	32	.	0.8	89	153	1.3	1.1	3.2	.	3.2	.	3.0	.	194
6 SUPERIOR	4	6.49	74.6	39	.	1.1	106	156	1.6	3.0	2.8	.	5.4	.	2.8	.	196
7 25W60	1	6.89	74.9	36	.	1.9	97	151	1.9	1.8	2.2	.	7.2	.	3.8	.	192
8 AC MACKINNON	5	6.45	73.0	36	.	0.9	105	153	2.6	4.5	3.2	.	7.8	.	3.0	.	193
9 AC MOUNTAIN	11	6.31	73.1	36	.	2.0	107	154	2.7	3.2	3.5	.	3.0	.	2.5	.	193
10 AC ESSEX	7	6.38	73.4	37	.	1.3	106	154	2.6	3.5	3.0	.	6.8	.	2.5	.	193
11 MAXINE	11	6.31	77.5	43	.	0.9	98	152	0.3	0.8	2.2	.	4.0	.	2.8	.	194
12 STEALTH	3	6.54	75.4	36	.	0.2	98	155	4.1	2.1	2.7	.	3.6	.	3.3	.	196
13 CALEDONIA	10	6.33	73.4	39	.	0.7	93	154	1.8	1.8	2.8	.	6.1	.	2.8	.	195
14 WISDOM	2	6.55	75.2	36	.	2.5	98	150	2.4	0.5	4.2	.	8.2	.	5.5	.	192
15 PLATINUM	16	5.58	78.2	39	.	1.5	115	158	0.9	1.1	2.2	.	3.7	.	3.3	.	197
16 WHITBY	13	6.30	73.5	38	.	1.6	110	157	1.4	1.9	4.7	.	4.7	.	3.3	.	195
LOCATIONS	12	12	11	0	8	12	9	9	4	2	0	5	0	1	0	4	

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 AC RON	2	6.41	73.4	38	92	0.8	108	162	3.4	3.9	4.6	0.5	6.7	.	0.5	2.0	198
2 FUNDULEA	15	5.64	77.8	35	94	0.0	99	164	4.6	1.4	5.1	1.5	3.2	.	0.5	0.0	199
3 AC CARTIER	14	5.93	75.4	40	96	0.6	109	163	2.4	1.5	5.1	1.5	3.9	.	0.1	1.5	199
4 AC MORLEY	11	6.23	78.2	38	94	1.4	115	162	1.5	0.5	3.9	0.9	1.9	.	0.8	0.5	200
5 25W33	6	6.33	73.1	32	88	0.2	88	161	2.7	0.8	4.3	1.0	7.9	.	0.2	0.5	199
6 SUPERIOR	1	6.42	74.9	40	93	0.6	104	164	2.6	3.1	4.2	0.5	4.0	.	0.2	3.0	200
7 25W60	4	6.35	74.6	36	89	0.8	96	160	3.5	1.6	4.6	1.8	6.6	.	0.2	0.0	198
8 AC MACKINNON	10	6.26	73.1	36	94	0.4	103	160	2.9	5.9	5.5	2.0	6.1	.	0.1	1.5	198
9 AC MOUNTAIN	13	6.13	73.0	37	95	1.0	104	161	3.5	4.4	4.9	0.7	5.5	.	0.4	2.5	198
10 AC ESSEX	5	6.34	73.4	38	96	0.4	104	161	3.2	3.2	5.0	0.9	4.8	.	0.2	1.5	198
11 MAXINE	12	6.22	77.8	42	94	0.1	95	160	0.2	1.5	5.1	0.7	3.3	.	0.4	0.0	198
12 STEALTH	8	6.30	75.8	36	89	0.0	97	162	4.6	3.0	4.1	1.3	2.8	.	0.2	1.0	200
13 CALEDONIA	6	6.33	73.5	39	93	0.1	92	161	3.1	2.2	4.3	0.5	6.1	.	0.1	1.0	199
14 WISDOM	3	6.39	74.8	36	92	1.0	96	159	3.4	0.5	5.2	2.0	2.3	.	0.4	0.0	197
15 PLATINUM	16	5.56	78.2	39	96	1.3	114	166	2.0	1.6	4.1	0.8	3.7	.	0.2	0.5	200
16 WHITBY	8	6.30	72.9	40	95	1.6	108	164	2.4	1.6	4.7	0.5	3.9	.	0.1	0.0	200
LOCATIONS	18	19	19	11	11	19	18	13	7	13	3	10	0	2	1	5	

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR(S): 2000-2003

AREA : 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 AC RON	8 5.80	77.0	42	91	1.3	100	163	2.0	8.0	7.5	.	.	.	.	.	.
2 FUNDULEA	16 5.05	81.3	39	88	0.8	92	164	5.5	8.0	7.8	.	.	.	.	.	.
3 AC CARTIER	2 6.13	77.5	41	93	1.1	100	163	0.5	5.8	8.3	.	.	.	.	.	.
4 AC MORLEY	13 5.37	80.1	39	86	1.3	107	162	0.4	7.3	7.3	.	.	.	.	.	.
5 25W33	9 5.75	75.8	33	85	0.9	81	161	2.0	0.0	8.0	.	.	.	.	.	.
6 SUPERIOR	1 6.44	77.5	40	91	1.6	98	164	1.8	8.0	7.5	.	.	.	.	.	.
7 25W60	10 5.58	77.2	37	77	1.3	88	160	3.2	0.0	8.0	.	.	.	.	.	.
8 AC MACKINNON	3 6.12	76.2	39	88	1.3	98	160	3.3	8.3	8.0	.	.	.	.	.	.
9 AC MOUNTAIN	4 6.03	76.2	40	92	1.4	96	161	3.2	8.3	8.0	.	.	.	.	.	.
10 AC ESSEX	4 6.03	76.2	41	89	0.8	94	161	2.8	8.3	8.0	.	.	.	.	.	.
11 MAXINE	14 5.23	79.7	44	77	1.0	88	159	1.0	0.0	8.0	.	.	.	.	.	.
12 STEALTH	15 5.21	75.4	37	73	0.8	89	162	7.1	8.0	7.5	.	.	.	.	.	.
13 CALEDONIA	12 5.49	76.8	39	80	0.8	82	162	4.1	1.8	8.0	.	.	.	.	.	.
14 WISDOM	6 5.94	77.3	35	90	2.1	90	157	3.7	0.0	8.0	.	.	.	.	.	.
15 PLATINUM	11 5.52	81.9	41	94	0.9	109	165	0.8	1.8	7.3	.	.	.	.	.	.
16 WHITBY	7 5.88	76.4	43	87	1.2	101	164	1.0	5.8	7.5	.	.	.	.	.	.
LOCATIONS	5	5	5	3	3	5	5	2	1	1	0	0	0	0	0	0

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 AC RON	4 6.31	73.8	38	92	0.9	107	160	2.9	4.2	4.7	0.5	5.8	.	1.1	2.0	196
2 FUNDULEA	15 5.60	78.3	35	92	0.3	98	162	4.4	2.4	5.0	1.5	4.1	.	2.6	0.0	197
3 AC CARTIER	14 5.97	75.8	40	95	0.9	108	161	1.9	1.9	5.2	1.5	3.5	.	1.2	1.5	197
4 AC MORLEY	12 6.15	78.3	38	92	1.9	115	160	1.3	1.2	4.0	0.9	2.2	.	1.5	0.5	197
5 25W33	7 6.29	73.6	32	88	0.5	87	159	2.1	0.8	4.4	1.0	6.3	.	1.1	0.5	197
6 SUPERIOR	1 6.45	75.2	40	93	0.9	104	161	2.1	3.5	4.3	0.5	4.4	.	1.1	3.0	199
7 25W60	2 6.43	75.0	36	86	1.3	95	157	2.9	1.5	4.5	1.8	6.8	.	1.4	0.0	195
8 AC MACKINNON	4 6.31	73.5	37	93	0.7	103	158	2.8	5.6	5.4	2.0	6.7	.	1.1	1.5	196
9 AC MOUNTAIN	11 6.18	73.4	37	94	1.4	104	159	3.2	4.3	4.9	0.7	4.7	.	1.1	2.5	196
10 AC ESSEX	4 6.31	73.8	38	94	0.8	103	159	2.9	3.7	4.9	0.9	5.4	.	1.0	1.5	196
11 MAXINE	13 6.11	77.9	42	91	0.5	95	158	0.3	1.1	4.9	0.7	3.5	.	1.2	0.0	196
12 STEALTH	9 6.23	75.6	36	86	0.2	96	160	4.6	3.1	4.2	1.3	3.1	.	1.2	1.0	198
13 CALEDONIA	10 6.21	73.9	39	90	0.4	91	159	2.7	2.0	4.3	0.5	6.1	.	1.0	1.0	197
14 WISDOM	3 6.38	75.3	36	92	1.7	96	156	3.1	0.5	5.3	2.0	4.3	.	2.1	0.0	195
15 PLATINUM	16 5.56	78.7	39	96	1.3	114	163	1.5	1.5	4.1	0.8	3.7	.	1.2	0.5	199
16 WHITBY	8 6.24	73.6	40	93	1.5	108	162	1.9	2.0	4.8	0.5	4.1	.	1.1	0.0	198
LOCATIONS	35	36	35	14	22	36	32	24	12	16	3	15	0	3	1	9

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

TRAIT : YIELD
 YEAR(S) : 2001-2003
 AREAS : 1 - 3

KEY NAME	AREA I (9)* MEAN	AREA II (13) MEAN	AREA III (5) MEAN	PROV. (27)** MEAN
1 AC RON	6.54	6.64	5.80	6.45
2 FUNDULEA	5.71	5.82	5.05	5.64
3 AC CARTIER	6.02	6.17	6.13	6.11
4 AC MORLEY	6.40	6.34	5.37	6.18
5 25W33	6.46	6.43	5.75	6.31
6 SUPERIOR	6.62	6.56	6.44	6.56
7 25W60	6.93	6.46	5.58	6.45
8 AC MACKINNON	6.66	6.57	6.12	6.52
9 AC MOUNTAIN	6.38	6.28	6.03	6.27
10 AC ESSEX	6.43	6.58	6.03	6.43
11 MAXINE	6.23	6.30	5.23	6.08
12 STEALTH	6.50	6.39	5.21	6.21
13 CALEDONIA	6.30	6.51	5.49	6.25
14 WISDOM	6.46	6.48	5.94	6.38
15 PLATINUM	5.80	5.86	5.52	5.78
16 WHITBY	6.43	6.42	5.88	6.32
17 WEBSTER	6.72	6.70	5.99	6.58
18 WARWICK	6.42	6.59	5.63	6.35
19 WARTHOG	6.18	6.07	5.59	6.02
20 25R49	6.83	6.70	5.73	6.56
21 PRO 202SRW	6.28	6.33	5.61	6.18
22 WHITNEY	6.56	6.50	5.88	6.40
23 SISSON	6.26	6.18	5.97	6.17
OVERALL MEAN	6.45	6.39	5.74	6.33

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (9)* MEAN	AREA II (13) MEAN	AREA III (5) MEAN	PROV. (27)** MEAN
1 AC RON	103.1	104.1	101.4	103.4
2 FUNDULEA	88.9	91.3	87.5	89.2
3 AC CARTIER	92.9	96.9	107.1	99.4
4 AC MORLEY	99.8	99.1	93.7	98.4
5 25W33	100.5	100.5	99.3	100.3
6 SUPERIOR	103.5	102.7	112.0	104.4
7 25W60	108.7	101.0	96.5	102.7
8 AC MACKINNON	107.2	103.4	107.3	104.9
9 AC MOUNTAIN	100.8	98.8	104.1	100.9
10 AC ESSEX	101.8	103.5	105.0	103.9
11 MAXINE	96.9	98.4	91.5	95.7
12 STEALTH	103.5	100.2	90.4	99.0
13 CALEDONIA	96.2	101.3	94.5	98.5
14 WISDOM	100.7	101.6	103.6	101.3
15 PLATINUM	90.2	91.6	97.1	91.5
16 WHITBY	99.9	100.7	104.6	102.3
17 WEBSTER	104.7	104.4	103.5	104.2
18 WARWICK	99.3	103.9	98.3	100.4
19 WARTHOG	98.2	94.9	97.7	96.9
20 25R49	106.8	104.5	99.3	104.8
21 PRO 202SRW	97.9	99.2	98.4	98.1
22 WHITNEY	100.7	101.3	102.7	101.6
23 SISSON	98.3	96.7	104.3	98.2
OVERALL MEAN	6.45	6.39	5.74	6.33

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR(S): 2001-2003

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 AC RON	7	6.54	74.1	37	.	0.4	109	157	1.8	3.2	3.3	.	6.7	.	2.5	.	195
2 FUNDULEA	23	5.71	78.3	35	.	0.1	97	158	3.5	2.8	3.8	.	9.7	.	6.8	.	196
3 AC CARTIER	21	6.02	76.1	40	.	0.7	111	158	1.1	0.8	4.3	.	4.5	.	3.3	.	195
4 AC MORLEY	14	6.40	78.1	37	.	1.4	117	157	0.6	0.2	2.3	.	4.2	.	3.0	.	196
5 25W33	9	6.46	74.2	33	.	0.4	87	155	1.0	0.5	2.8	.	5.2	.	3.0	.	195
6 SUPERIOR	5	6.62	75.3	40	.	0.0	105	158	0.9	1.8	2.0	.	8.2	.	2.8	.	197
7 25W60	1	6.93	75.1	36	.	2.2	97	152	1.2	1.0	2.5	.	11.9	.	3.8	.	193
8 AC MACKINNON	4	6.66	74.4	37	.	0.6	104	154	2.1	3.2	4.0	.	13.0	.	3.0	.	194
9 AC MOUNTAIN	15	6.38	73.6	37	.	1.5	106	156	1.5	1.5	3.0	.	4.8	.	2.5	.	194
10 AC ESSEX	11	6.43	73.9	38	.	0.8	104	156	1.6	2.0	3.0	.	11.3	.	2.5	.	194
11 MAXINE	19	6.23	78.0	42	.	0.0	96	154	0.2	0.2	2.3	.	6.6	.	2.8	.	195
12 STEALTH	8	6.50	75.4	36	.	0.0	97	156	3.6	1.8	1.8	.	6.0	.	3.3	.	197
13 CALEDONIA	16	6.30	74.2	39	.	0.3	92	156	1.2	1.0	3.0	.	9.7	.	2.8	.	196
14 WISDOM	9	6.46	75.5	36	.	2.3	98	152	2.2	0.0	5.5	.	13.7	.	5.5	.	192
15 PLATINUM	22	5.80	79.0	40	.	0.3	115	160	0.5	0.8	2.5	.	4.9	.	3.3	.	198
16 WHITBY	11	6.43	74.4	39	.	0.6	109	158	1.0	1.5	4.3	.	7.6	.	3.3	.	196
17 WEBSTER	3	6.72	75.2	35	.	2.2	100	154	1.5	0.5	3.0	.	11.0	.	3.5	.	193
18 WARWICK	13	6.42	76.8	39	.	1.1	99	153	1.3	0.5	2.5	.	7.4	.	3.3	.	193
19 WARTHOG	20	6.18	78.7	38	.	0.1	101	156	2.0	0.5	3.8	.	6.2	.	3.3	.	194
20 25R49	2	6.83	76.5	40	.	0.9	94	153	1.8	0.8	2.0	.	16.5	.	2.5	.	195
21 PRO 202SRW	17	6.28	74.7	38	.	0.0	90	153	0.6	2.0	3.8	.	15.6	.	2.8	.	196
22 WHITNEY	6	6.56	75.8	36	.	1.6	88	154	0.2	1.0	2.0	.	20.4	.	2.3	.	194
23 SISSON	18	6.26	75.9	35	.	1.4	84	153	0.4	1.0	3.5	.	24.5	.	3.3	.	194
LOCATIONS		9	9	9	0	5	9	7	6	2	1	0	3	0	1	0	3

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 AC RON	3	6.64	74.7	40	91	1.0	107	163	3.2	3.7	4.5	0.5	9.6	.	0.6	.	200
2 FUNDULEA	23	5.82	78.9	36	93	0.0	99	165	4.6	1.3	4.8	1.5	4.2	.	0.5	.	201
3 AC CARTIER	20	6.17	76.1	41	96	0.7	108	164	2.3	1.4	5.0	1.5	5.2	.	0.2	.	200
4 AC MORLEY	15	6.34	79.0	39	93	1.6	116	163	1.5	0.4	4.1	0.9	2.1	.	0.5	.	201
5 25W33	12	6.43	74.0	33	87	0.2	87	163	2.7	0.5	4.6	1.0	11.9	.	0.2	.	201
6 SUPERIOR	7	6.56	75.8	42	92	0.7	104	165	2.5	2.4	4.3	0.5	5.6	.	0.0	.	202
7 25W60	11	6.46	75.2	36	87	1.2	95	161	3.6	1.2	4.6	1.8	9.7	.	0.4	.	200
8 AC MACKINNON	6	6.57	74.3	38	93	0.3	104	161	3.1	5.3	5.5	2.0	8.8	.	0.0	.	200
9 AC MOUNTAIN	18	6.28	73.8	39	94	1.2	104	162	3.3	4.0	4.8	0.7	7.8	.	0.5	.	200
10 AC ESSEX	5	6.58	74.0	40	95	0.5	103	162	2.9	2.8	5.0	0.9	6.3	.	0.0	.	200
11 MAXINE	17	6.30	78.2	43	94	0.0	95	161	0.2	0.9	5.3	0.7	4.4	.	0.4	.	200
12 STEALTH	14	6.39	76.4	37	87	0.0	97	163	4.6	3.2	4.3	1.3	3.9	.	0.2	.	202
13 CALEDONIA	8	6.51	74.2	40	92	0.1	91	162	3.2	1.7	4.4	0.5	8.4	.	0.2	.	201
14 WISDOM	10	6.48	75.1	36	91	1.5	96	160	3.7	0.8	5.5	2.0	2.7	.	0.6	.	199
15 PLATINUM	22	5.86	79.4	41	95	0.9	115	167	1.7	1.4	4.4	0.8	5.1	.	0.4	.	201
16 WHITBY	13	6.42	73.6	41	94	1.8	108	165	2.3	1.5	4.7	0.5	5.4	.	0.1	.	201
17 WEBSTER	1	6.70	74.8	37	92	2.7	99	162	3.4	1.1	4.5	0.8	5.0	.	0.6	.	199
18 WARWICK	4	6.59	76.0	40	94	0.4	99	160	2.9	0.6	4.7	0.4	4.3	.	0.5	.	199
19 WARTHOG	21	6.07	78.9	38	93	0.2	102	163	3.7	0.9	4.7	1.3	3.5	.	0.4	.	199
20 25R49	1	6.70	76.8	41	89	0.2	88	160	2.6	1.2	4.6	1.3	6.5	.	0.3	.	201
21 PRO 202SRW	16	6.33	75.4	40	85	0.0	89	161	0.6	3.2	5.5	0.6	12.6	.	0.0	.	200
22 WHITNEY	9	6.50	76.9	37	91	0.7	86	161	0.4	1.1	4.9	0.9	5.0	.	0.0	.	200
23 SISSON	19	6.18	76.7	37	89	0.4	83	160	0.3	1.4	4.7	1.4	6.0	.	0.4	.	200
LOCATIONS		13	14	14	9	7	14	14	9	5	10	3	6	0	1	0	4

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR(S): 2001-2003

AREA : 3

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 AC RON	11	5.80	77.0	42	91	1.3	100	163	2.0	8.0	7.5	.	.	.	.	.	.
2 FUNDULEA	23	5.05	81.3	39	88	0.8	92	164	5.5	8.0	7.8	.	.	.	.	.	.
3 AC CARTIER	2	6.13	77.5	41	93	1.1	100	163	0.5	5.8	8.3	.	.	.	.	.	.
4 AC MORLEY	20	5.37	80.1	39	86	1.3	107	162	0.4	7.3	7.3	.	.	.	.	.	.
5 25W33	12	5.75	75.8	33	85	0.9	81	161	2.0	0.0	8.0	.	.	.	.	.	.
6 SUPERIOR	1	6.44	77.5	40	91	1.6	98	164	1.8	8.0	7.5	.	.	.	.	.	.
7 25W60	17	5.58	77.2	37	77	1.3	88	160	3.2	0.0	8.0	.	.	.	.	.	.
8 AC MACKINNON	3	6.12	76.2	39	88	1.3	98	160	3.3	8.3	8.0	.	.	.	.	.	.
9 AC MOUNTAIN	4	6.03	76.2	40	92	1.4	96	161	3.2	8.3	8.0	.	.	.	.	.	.
10 AC ESSEX	4	6.03	76.2	41	89	0.8	94	161	2.8	8.3	8.0	.	.	.	.	.	.
11 MAXINE	21	5.23	79.7	44	77	1.0	88	159	1.0	0.0	8.0	.	.	.	.	.	.
12 STEALTH	22	5.21	75.4	37	73	0.8	89	162	7.1	8.0	7.5	.	.	.	.	.	.
13 CALEDONIA	19	5.49	76.8	39	80	0.8	82	162	4.1	1.8	8.0	.	.	.	.	.	.
14 WISDOM	8	5.94	77.3	35	90	2.1	90	157	3.7	0.0	8.0	.	.	.	.	.	.
15 PLATINUM	18	5.52	81.9	41	94	0.9	94	165	0.8	1.8	7.3	.	.	.	.	.	.
16 WHITBY	9	5.88	76.4	43	87	1.2	101	164	1.0	5.8	7.5	.	.	.	.	.	.
17 WEBSTER	6	5.99	77.4	38	90	2.1	93	160	3.2	0.0	7.8	.	.	.	.	.	.
18 WARWICK	14	5.63	78.6	40	84	2.9	91	158	3.4	5.8	8.3	.	.	.	.	.	.
19 WARTHOG	16	5.59	81.1	40	90	0.7	94	162	3.0	5.3	8.0	.	.	.	.	.	.
20 25R49	13	5.73	77.2	38	89	1.4	82	157	2.4	2.0	8.5	.	.	.	.	.	.
21 PRO 202SRW	15	5.61	76.5	40	88	0.8	84	159	0.8	8.0	9.0	.	.	.	.	.	.
22 WHITNEY	9	5.88	78.2	36	87	1.1	79	159	0.6	5.0	7.8	.	.	.	.	.	.
23 SISSON	7	5.97	78.1	38	91	1.3	81	158	0.5	4.0	8.0	.	.	.	.	.	.
LOCATIONS		5	5	5	3	3	5	5	2	1	1	0	0	0	0	0	0

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 AC RON	5	6.45	74.9	39	91	0.9	106	161	2.6	4.2	4.7	0.5	8.7	.	1.5	.	198
2 FUNDULEA	23	5.64	79.1	36	92	0.2	97	163	4.3	2.5	4.9	1.5	6.0	.	3.7	.	199
3 AC CARTIER	19	6.11	76.3	41	95	0.8	108	162	1.6	1.8	5.2	1.5	5.0	.	1.8	.	198
4 AC MORLEY	16	6.18	78.9	39	91	1.4	115	161	1.0	1.2	4.2	0.9	2.8	.	1.8	.	199
5 25W33	12	6.31	74.4	33	86	0.4	86	160	2.0	0.5	4.7	1.0	9.7	.	1.6	.	198
6 SUPERIOR	2	6.56	75.9	41	92	0.6	103	163	1.9	3.0	4.3	0.5	6.4	.	1.4	.	200
7 25W60	5	6.45	75.5	36	84	1.5	94	158	2.7	1.0	4.7	1.8	10.4	.	2.1	.	197
8 AC MACKINNON	4	6.52	74.7	38	92	0.6	103	159	2.8	5.2	5.6	2.0	10.2	.	1.5	.	197
9 AC MOUNTAIN	13	6.27	74.2	38	94	1.3	103	160	2.7	3.9	4.9	0.7	6.8	.	1.5	.	197
10 AC ESSEX	7	6.43	74.4	39	94	0.7	102	160	2.4	3.3	5.1	0.9	8.0	.	1.2	.	197
11 MAXINE	20	6.08	78.4	43	90	0.2	94	159	0.3	0.6	5.3	0.7	5.1	.	1.6	.	197
12 STEALTH	15	6.21	75.9	37	84	0.2	95	161	4.5	3.4	4.4	1.3	4.6	.	1.8	.	200
13 CALEDONIA	14	6.25	74.7	40	89	0.3	90	161	2.6	1.5	4.6	0.5	8.8	.	1.5	.	199
14 WISDOM	9	6.38	75.6	36	91	1.9	95	157	3.1	0.5	5.7	2.0	6.4	.	3.0	.	196
15 PLATINUM	22	5.78	79.7	40	95	0.7	114	164	1.2	1.3	4.5	0.8	5.0	.	1.9	.	200
16 WHITBY	11	6.32	74.4	41	93	1.3	107	163	1.7	2.0	4.9	0.5	6.2	.	1.7	.	199
17 WEBSTER	1	6.58	75.4	37	91	2.4	98	159	2.7	0.8	4.7	0.8	7.0	.	2.0	.	197
18 WARWICK	10	6.35	76.7	40	92	1.1	98	158	2.4	1.2	4.8	0.4	5.3	.	1.9	.	196
19 WARTHOG	21	6.02	79.2	38	92	0.2	100	161	3.0	1.3	4.9	1.3	4.4	.	1.9	.	197
20 25R49	2	6.56	76.7	40	89	0.7	89	158	2.3	1.2	4.7	1.3	9.8	.	1.4	.	198
21 PRO 202SRW	16	6.18	75.4	39	86	0.2	88	159	0.6	3.5	5.6	0.6	13.6	.	1.4	.	198
22 WHITNEY	8	6.40	76.8	36	90	1.1	85	159	0.4	1.5	4.9	0.9	10.2	.	1.1	.	197
23 SISSON	18	6.17	76.7	36	90	0.9	83	158	0.4	1.6	4.9	1.4	12.2	.	1.9	.	198
LOCATIONS		27	28	28	12	15	28	26	17	8	12	3	9	0	2	0	7

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

TRAIT : YIELD
 AREA : 1 - 3
 YEAR(S) : 2002-2003

KEY NAME	AREA I (6)* MEAN	AREA II (8) MEAN	AREA III (3) MEAN	PROV. (17)** MEAN
1 AC RON	6.48	6.58	6.42	6.52
2 FUNDULEA	5.71	5.77	5.94	5.78
3 AC CARTIER	6.21	6.24	6.69	6.31
4 AC MORLEY	6.42	6.21	6.05	6.25
5 25W33	6.47	6.33	6.69	6.45
6 SUPERIOR	6.69	6.48	7.23	6.69
7 25W60	6.98	6.60	6.58	6.73
8 AC MACKINNON	6.88	6.53	6.64	6.67
9 AC MOUNTAIN	6.61	6.43	6.95	6.59
10 AC ESSEX	6.58	6.76	6.69	6.69
11 MAXINE	6.31	6.29	5.76	6.21
12 STEALTH	6.42	6.43	5.72	6.30
13 CALEDONIA	6.44	6.42	6.62	6.46
14 WISDOM	6.55	6.51	6.67	6.55
15 PLATINUM	5.68	5.57	5.93	5.67
16 WHITBY	6.35	6.22	6.17	6.26
17 WEBSTER	6.81	6.69	6.93	6.78
18 WARWICK	6.46	6.49	6.39	6.46
19 WARTHOG	6.37	6.16	6.28	6.26
20 25R49	6.94	6.62	6.59	6.73
21 PRO 202SRW	6.29	6.17	6.09	6.20
22 WHITNEY	6.67	6.51	6.56	6.58
23 SISSON	6.30	6.07	6.59	6.24
24 25R26	6.70	6.25	5.38	6.25
25 25R23	7.33	6.73	6.66	6.93
26 HARVARD	6.61	6.90	6.61	6.75
27 CARLISLE	6.44	6.59	6.53	6.53
28 VIENNA	6.97	6.95	6.99	6.96
29 KRISTY	6.47	6.97	6.98	6.80
30 TWO05:008	6.89	6.55	6.39	6.64
31 TWO06:007	6.63	6.73	6.76	6.70
32 WONDER	6.45	6.45	6.07	6.38
33 AC SAMPSON	6.27	6.05	6.62	6.23
OVERALL MEAN	6.45	6.43	6.46	6.44

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

TRAIT : RELATIVE YIELD
 AREA : 1 - 3
 YEAR(S): 2002-2003

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (6)* MEAN	AREA II (8) MEAN	AREA III (3) MEAN	PROV. (17)** MEAN
1 AC RON	100.3	102.5	99.5	100.1
2 FUNDULEA	87.6	90.3	92.3	89.2
3 AC CARTIER	97.4	97.2	102.9	98.3
4 AC MORLEY	95.8	96.5	94.2	96.5
5 25W33	100.1	98.2	103.9	100.7
6 SUPERIOR	103.2	100.7	111.7	104.5
7 25W60	106.7	101.9	102.5	105.1
8 AC MACKINNON	102.3	101.9	102.6	104.2
9 AC MOUNTAIN	102.1	100.1	107.0	102.7
10 AC ESSEX	101.7	105.3	103.1	102.9
11 MAXINE	95.0	97.5	89.6	94.4
12 STEALTH	95.4	99.5	87.2	96.0
13 CALEDONIA	102.5	99.3	102.4	101.3
14 WISDOM	98.7	101.3	103.4	101.5
15 PLATINUM	85.2	86.8	92.3	87.8
16 WHITBY	99.5	97.2	96.2	97.3
17 WEBSTER	106.9	103.4	107.1	104.7
18 WARWICK	100.1	101.9	99.1	100.6
19 WARTHOG	96.8	95.8	97.2	96.4
20 25R49	109.0	102.4	102.4	105.1
21 PRO 202SRW	96.3	96.0	94.1	95.3
22 WHITNEY	102.9	100.6	101.7	100.2
23 SISSON	94.3	94.1	102.0	96.0
24 25R26	105.5	96.8	82.9	96.7
25 25R23	107.2	104.6	103.0	107.9
26 HARVARD	101.7	107.2	101.7	102.1
27 CARLISLE	97.6	102.8	101.3	99.3
28 VIENNA	107.8	108.1	107.6	108.1
29 KRISTY	97.1	108.3	107.9	104.2
30 TWO05:008	103.2	101.6	99.3	102.3
31 TWO06:007	102.5	104.9	105.4	103.7
32 WONDER	100.4	100.8	94.4	98.5
33 AC SAMPSON	97.2	94.3	102.4	96.5
OVERALL MEAN	6.45	6.43	6.46	6.44

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR(S) : 2002-2003

AREA : 1

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 AC RON	16 6.48	73.0	36	.	0.1	109	158	1.1	.	3.3	.	13.0	.	2.5	.	195
2 FUNDULEA	32 5.71	77.2	34	.	0.1	99	159	3.2	.	3.8	.	25.0	.	6.8	.	197
3 AC CARTIER	31 6.21	75.2	40	.	0.1	111	159	0.6	.	4.3	.	10.0	.	3.3	.	196
4 AC MORLEY	23 6.42	77.3	37	.	0.9	118	158	0.3	.	2.3	.	10.0	.	3.0	.	197
5 25W33	17 6.47	73.2	32	.	0.0	88	157	0.9	.	2.8	.	10.0	.	3.0	.	196
6 SUPERIOR	9 6.69	74.6	38	.	0.0	105	159	1.1	.	2.0	.	20.0	.	2.8	.	198
7 25W60	2 6.98	74.2	35	.	2.3	99	155	0.9	.	2.5	.	28.0	.	3.8	.	194
8 AC MACKINNON	6 6.88	73.9	37	.	0.1	105	156	1.8	.	4.0	.	30.0	.	3.0	.	194
9 AC MOUNTAIN	12 6.61	72.9	36	.	0.8	106	158	1.3	.	3.0	.	10.0	.	2.5	.	195
10 AC ESSEX	14 6.58	73.3	38	.	0.1	104	158	1.2	.	3.0	.	28.0	.	2.5	.	195
11 MAXINE	27 6.31	77.2	41	.	0.0	97	156	0.4	.	2.3	.	15.0	.	2.8	.	196
12 STEALTH	23 6.42	74.2	35	.	0.0	97	158	3.2	.	1.8	.	15.0	.	3.3	.	198
13 CALEDONIA	21 6.44	73.5	39	.	0.5	94	158	0.7	.	3.0	.	23.0	.	2.8	.	197
14 WISDOM	15 6.55	74.5	36	.	1.9	98	155	1.9	.	5.5	.	38.0	.	5.5	.	193
15 PLATINUM	33 5.68	78.0	38	.	0.3	117	162	0.4	.	2.5	.	13.0	.	3.3	.	198
16 WHITBY	26 6.35	73.2	38	.	0.0	110	160	0.8	.	4.3	.	18.0	.	3.3	.	197
17 WEBSTER	7 6.81	74.6	34	.	2.0	102	156	1.2	.	3.0	.	28.0	.	3.5	.	194
18 WARWICK	19 6.46	76.2	38	.	1.5	101	155	1.1	.	2.5	.	18.0	.	3.3	.	194
19 WARTHOG	25 6.37	78.2	37	.	0.1	103	158	1.8	.	3.8	.	15.0	.	3.3	.	195
20 25R49	4 6.94	75.5	40	.	0.9	98	155	2.1	.	2.0	.	45.0	.	2.5	.	195
21 PRO 202SRW	29 6.29	73.9	37	.	0.0	91	155	0.8	.	3.8	.	40.0	.	2.8	.	196
22 WHITNEY	10 6.67	75.0	36	.	2.1	90	156	0.4	.	2.0	.	55.0	.	2.3	.	194
23 SISSON	28 6.30	74.9	34	.	1.7	87	156	0.6	.	3.5	.	68.0	.	3.3	.	194
24 25R26	8 6.70	73.6	35	.	0.0	90	157	3.5	.	2.8	.	20.0	.	2.3	.	196
25 25R23	1 7.33	75.7	37	.	0.0	98	158	1.8	.	2.0	.	10.0	.	3.3	.	197
26 HARVARD	12 6.61	78.6	44	.	0.5	104	156	0.3	.	3.8	.	35.0	.	5.0	.	196
27 CARLISLE	21 6.44	77.7	42	.	0.1	94	155	1.0	.	2.8	.	23.0	.	2.0	.	196
28 VIENNA	3 6.97	74.6	34	.	0.6	100	157	0.3	.	2.3	.	13.0	.	2.5	.	197
29 KRISTY	17 6.47	74.8	37	.	0.7	97	154	0.5	.	2.8	.	33.0	.	3.3	.	196
30 TWO05:008	5 6.89	75.0	34	.	2.2	100	159	0.2	.	1.8	.	23.0	.	2.0	.	196
31 TWO06:007	11 6.63	73.8	37	.	0.9	107	158	1.5	.	2.3	.	20.0	.	2.3	.	196
32 WONDER	20 6.45	76.3	41	.	2.1	99	155	0.5	.	2.8	.	18.0	.	6.8	.	193
33 AC SAMPSON	30 6.27	75.0	38	.	0.4	102	160	1.1	.	2.8	.	15.0	.	4.3	.	197
LOCATIONS	6	6	6	0	3	6	5	4	0	1	0	1	0	1	0	2

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR(S): 2002-2003

AREA : 2

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LSR 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 AC RON	11 6.58	72.9	38	89	1.0	107	166	2.1	3.3	4.9	0.8	11.3	.	0.6	.	201
2 FUNDULEA	32 5.77	78.0	36	89	0.0	101	168	3.6	0.2	4.8	1.5	4.9	.	0.5	.	203
3 AC CARTIER	25 6.24	74.8	40	94	1.1	109	167	1.8	0.5	5.2	1.5	6.2	.	0.2	.	202
4 AC MORLEY	27 6.21	78.3	38	88	1.9	116	166	1.0	0.0	4.1	1.1	2.5	.	0.5	.	203
5 25W33	22 6.33	72.2	32	83	0.4	87	166	2.0	0.3	4.8	1.3	14.1	.	0.2	.	203
6 SUPERIOR	17 6.48	74.4	41	87	0.9	104	168	2.2	2.3	4.4	0.5	6.6	.	0.0	.	204
7 25W60	9 6.60	73.5	34	87	2.0	94	164	2.5	0.6	4.6	1.2	11.4	.	0.4	.	201
8 AC MACKINNON	13 6.53	73.0	37	89	0.5	103	164	2.6	3.8	5.5	1.8	10.2	.	0.0	.	201
9 AC MOUNTAIN	19 6.43	72.3	38	91	1.4	104	165	2.5	4.5	5.0	0.5	9.2	.	0.5	.	201
10 AC ESSEX	4 6.76	72.1	38	92	0.6	102	165	2.1	2.2	5.2	0.9	7.5	.	0.0	.	202
11 MAXINE	23 6.29	77.5	41	88	0.0	94	165	0.2	0.9	5.7	1.0	5.1	.	0.4	.	201
12 STEALTH	19 6.43	75.0	36	83	0.0	97	166	3.8	2.3	4.5	1.0	4.5	.	0.2	.	204
13 CALEDONIA	21 6.42	72.1	39	85	0.2	91	165	2.5	1.6	4.6	0.5	9.7	.	0.2	.	202
14 WISDOM	14 6.51	73.3	34	86	1.7	95	163	3.1	0.8	5.7	2.0	3.2	.	0.6	.	201
15 PLATINUM	33 5.57	78.5	38	91	1.5	115	169	0.7	0.9	4.7	0.9	6.0	.	0.4	.	203
16 WHITBY	26 6.22	71.8	39	91	2.5	107	167	1.8	0.9	4.9	0.5	6.4	.	0.1	.	203
17 WEBSTER	7 6.69	73.2	36	86	3.0	97	165	2.2	0.6	5.0	0.9	5.9	.	0.6	.	201
18 WARWICK	16 6.49	74.3	37	90	0.6	97	163	2.8	0.0	5.1	0.6	5.1	.	0.5	.	200
19 WARTHOG	29 6.16	78.2	36	90	0.3	104	166	3.2	0.2	4.9	1.4	4.2	.	0.4	.	201
20 25R49	8 6.62	75.3	39	79	0.3	87	163	3.0	0.6	4.8	1.6	7.7	.	0.3	.	203
21 PRO 202SRW	28 6.17	73.9	38	84	0.0	89	165	0.6	2.0	6.1	0.9	14.8	.	0.0	.	202
22 WHITNEY	14 6.51	75.8	35	84	1.1	85	165	0.3	0.3	5.6	1.1	6.0	.	0.0	.	202
23 SISSON	30 6.07	75.5	35	81	0.3	82	164	0.3	0.6	5.6	1.9	7.1	.	0.4	.	202
24 25R26	24 6.25	72.4	34	88	0.2	87	166	4.1	0.3	5.2	0.9	8.2	.	0.2	.	202
25 25R23	5 6.73	75.1	38	83	0.0	93	165	2.9	0.5	4.0	0.6	8.8	.	0.1	.	202
26 HARVARD	3 6.90	78.3	43	90	0.1	100	165	0.2	0.6	5.0	1.5	5.1	.	0.2	.	201
27 CARLISLE	10 6.59	78.0	47	91	0.0	90	163	1.5	0.5	6.0	1.9	6.8	.	0.7	.	200
28 VIENNA	2 6.95	75.2	34	87	1.6	100	165	0.0	0.3	4.4	1.0	5.3	.	0.7	.	203
29 KRISTY	1 6.97	74.4	38	85	2.4	95	163	0.5	0.2	5.5	1.4	5.0	.	0.2	.	201
30 TWO05:008	12 6.55	76.0	35	85	1.5	96	166	0.8	0.0	3.9	0.9	10.0	.	0.2	.	202
31 TWO06:007	5 6.73	71.8	36	92	1.2	107	166	2.1	0.3	4.6	1.4	11.1	.	0.2	.	201
32 WONDER	18 6.45	75.5	41	85	2.3	95	163	1.8	2.0	5.6	0.8	3.4	.	0.1	.	199
33 AC SAMPSON	31 6.05	74.7	40	88	1.0	104	169	2.6	2.0	4.6	1.5	4.3	.	0.2	.	204
LOCATIONS	8	9	9	4	4	9	9	5	2	7	2	5	0	1	0	3

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR(S): 2002-2003

AREA : 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	%	0-9	0-9	0-9	*
1 AC RON	21	6.42	75.5	40	92	1.5	108	166	3.5	8.0	7.5	.	.	.	.	.	.
2 FUNDULEA	29	5.94	80.9	37	93	0.6	100	167	6.5	8.0	7.8	.	.	.	.	.	.
3 AC CARTIER	7	6.69	77.7	39	93	1.1	110	166	1.0	5.8	8.3	.	.	.	.	.	.
4 AC MORLEY	28	6.05	79.6	38	83	1.0	115	165	0.8	7.3	7.3	.	.	.	.	.	.
5 25W33	7	6.69	74.7	32	89	0.9	88	163	4.0	0.0	8.0	.	.	.	.	.	.
6 SUPERIOR	1	7.23	76.9	40	91	1.9	106	167	3.5	8.0	7.5	.	.	.	.	.	.
7 25W60	18	6.58	76.3	35	86	1.4	95	162	6.3	0.0	8.0	.	.	.	.	.	.
8 AC MACKINNON	12	6.64	75.0	38	87	1.5	105	162	3.8	8.3	8.0	.	.	.	.	.	.
9 AC MOUNTAIN	4	6.95	75.3	38	94	0.9	104	164	5.0	8.3	8.0	.	.	.	.	.	.
10 AC ESSEX	7	6.69	75.3	39	89	0.8	101	163	4.0	8.3	8.0	.	.	.	.	.	.
11 MAXINE	31	5.76	79.7	43	69	1.0	92	162	2.0	0.0	8.0	.	.	.	.	.	.
12 STEALTH	32	5.72	76.5	36	76	0.8	96	164	7.3	8.0	7.5	.	.	.	.	.	.
13 CALEDONIA	13	6.62	75.7	37	84	0.6	89	164	5.8	1.8	8.0	.	.	.	.	.	.
14 WISDOM	10	6.67	75.9	34	89	1.9	96	160	5.3	0.0	8.0	.	.	.	.	.	.
15 PLATINUM	30	5.93	81.7	40	93	0.9	116	169	1.5	1.8	7.3	.	.	.	.	.	.
16 WHITBY	25	6.17	75.5	42	84	1.2	108	167	2.0	5.8	7.5	.	.	.	.	.	.
17 WEBSTER	5	6.93	76.5	37	90	2.4	98	163	5.5	0.0	7.8	.	.	.	.	.	.
18 WARWICK	22	6.39	78.0	39	93	3.3	97	161	4.0	5.8	8.3	.	.	.	.	.	.
19 WARTHOG	24	6.28	80.7	38	89	0.5	99	164	5.0	5.3	8.0	.	.	.	.	.	.
20 25R49	16	6.59	75.5	37	89	1.4	89	161	4.8	2.0	8.5	.	.	.	.	.	.
21 PRO 202SRW	26	6.09	75.4	38	87	0.6	88	161	1.5	8.0	9.0	.	.	.	.	.	.
22 WHITNEY	19	6.56	77.4	36	84	1.1	85	162	1.3	5.0	7.8	.	.	.	.	.	.
23 SISSON	16	6.59	78.3	37	90	1.4	86	161	1.0	4.0	8.0	.	.	.	.	.	.
24 25R26	33	5.38	75.1	34	74	0.6	82	164	7.5	0.0	8.3	.	.	.	.	.	.
25 25R23	11	6.66	76.7	37	86	0.5	91	163	5.5	7.8	7.8	.	.	.	.	.	.
26 HARVARD	15	6.61	81.8	44	93	0.5	101	163	2.8	0.0	8.0	.	.	.	.	.	.
27 CARLISLE	20	6.53	80.8	49	90	1.0	89	160	1.5	0.0	8.0	.	.	.	.	.	.
28 VIENNA	2	6.99	77.6	36	79	1.1	98	164	0.0	0.0	7.8	.	.	.	.	.	.
29 KRISTY	3	6.98	77.7	41	91	1.4	96	161	1.5	3.8	8.0	.	.	.	.	.	.
30 TW005:008	22	6.39	76.5	40	78	1.6	95	164	2.5	4.0	8.0	.	.	.	.	.	.
31 TW006:007	6	6.76	75.6	38	92	3.0	107	164	4.5	0.0	7.5	.	.	.	.	.	.
32 WONDER	27	6.07	77.0	43	85	2.3	96	161	1.8	1.5	7.8	.	.	.	.	.	.
33 AC SAMPSON	13	6.62	76.4	43	88	1.0	102	167	4.8	7.0	8.0	.	.	.	.	.	.
LOCATIONS		3	3	3	2	2	3	3	1	1	1	0	0	0	0	0	0

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR(S): 2002-2003

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 AC RON	17	6.52	73.4	38	90	0.8	108	164	1.9	4.9	5.0	0.8	11.6	.	1.5	.	199
2 FUNDULEA	32	5.78	78.2	35	90	0.2	100	165	3.8	2.8	5.0	1.5	8.2	.	3.7	.	200
3 AC CARTIER	22	6.31	75.4	40	93	0.8	110	164	1.2	2.3	5.4	1.5	6.8	.	1.8	.	200
4 AC MORLEY	26	6.25	78.2	38	86	1.4	117	164	0.7	2.4	4.3	1.1	3.8	.	1.8	.	201
5 25W33	20	6.45	72.9	32	85	0.4	87	163	1.8	0.2	4.9	1.3	13.4	.	1.6	.	200
6 SUPERIOR	9	6.69	74.9	40	88	0.8	104	165	1.9	4.2	4.5	0.5	8.8	.	1.4	.	201
7 25W60	6	6.73	74.2	35	86	2.0	96	161	2.2	0.4	4.7	1.2	14.2	.	2.1	.	198
8 AC MACKINNON	11	6.67	73.6	37	88	0.6	104	162	2.4	5.3	5.6	1.8	13.5	.	1.5	.	198
9 AC MOUNTAIN	13	6.59	73.0	37	92	1.1	104	163	2.3	5.8	5.1	0.5	9.3	.	1.5	.	199
10 AC ESSEX	9	6.69	73.1	38	91	0.5	103	163	2.0	4.2	5.2	0.9	10.9	.	1.2	.	199
11 MAXINE	30	6.21	77.8	41	82	0.2	95	162	0.4	0.6	5.5	1.0	6.8	.	1.6	.	199
12 STEALTH	23	6.30	75.0	35	81	0.2	97	163	3.9	4.2	4.5	1.0	6.2	.	1.8	.	202
13 CALEDONIA	18	6.46	73.2	39	84	0.4	92	163	2.1	1.7	4.8	0.5	11.9	.	1.5	.	200
14 WISDOM	15	6.55	74.1	35	87	1.8	96	160	2.8	0.5	6.0	2.0	9.0	.	3.0	.	198
15 PLATINUM	33	5.67	78.9	39	92	1.0	116	167	0.7	1.2	4.7	0.9	7.2	.	1.9	.	201
16 WHITBY	24	6.26	72.9	39	89	1.4	108	165	1.4	2.5	5.1	0.5	8.3	.	1.7	.	201
17 WEBSTER	4	6.78	74.2	36	87	2.5	99	162	2.1	0.4	5.1	0.9	9.6	.	2.0	.	198
18 WARWICK	18	6.46	75.6	38	91	1.5	99	160	2.2	1.9	5.2	0.6	7.3	.	1.9	.	198
19 WARTHOG	24	6.26	78.6	37	89	0.3	103	163	2.8	1.9	5.1	1.4	6.0	.	1.9	.	198
20 25R49	6	6.73	75.4	39	82	0.8	91	161	2.8	1.1	4.9	1.6	13.9	.	1.4	.	200
21 PRO 202SRW	31	6.20	74.2	38	85	0.1	89	161	0.8	4.0	6.2	0.9	19.0	.	1.4	.	200
22 WHITNEY	14	6.58	75.8	35	84	1.4	87	162	0.4	1.9	5.4	1.1	14.1	.	1.1	.	199
23 SISSON	28	6.24	75.7	35	84	1.0	84	161	0.5	1.8	5.6	1.9	17.2	.	1.9	.	199
24 25R26	26	6.25	73.3	34	83	0.3	87	163	4.2	0.2	5.3	0.9	10.2	.	1.2	.	200
25 25R23	2	6.93	75.6	38	84	0.1	95	163	2.7	2.9	4.2	0.6	9.0	.	1.7	.	200
26 HARVARD	5	6.75	79.0	43	91	0.3	102	162	0.5	0.4	5.2	1.5	10.1	.	2.6	.	199
27 CARLISLE	16	6.53	78.4	46	90	0.2	91	160	1.3	0.3	5.8	1.9	9.5	.	1.4	.	198
28 VIENNA	1	6.96	75.4	35	84	1.2	100	162	0.1	0.2	4.6	1.0	6.5	.	1.6	.	200
29 KRISTY	3	6.80	75.1	38	87	1.6	96	160	0.6	1.4	5.5	1.4	9.7	.	1.8	.	199
30 TWO05:008	12	6.64	75.7	36	83	1.8	97	163	0.8	1.3	4.1	0.9	12.2	.	1.1	.	200
31 TWO06:007	8	6.70	73.1	37	92	1.5	107	163	2.1	0.2	4.7	1.4	12.6	.	1.2	.	199
32 WONDER	21	6.38	76.0	42	85	2.3	97	160	1.3	1.8	5.6	0.8	5.8	.	3.5	.	196
33 AC SAMPSON	29	6.23	75.1	40	88	0.8	103	166	2.2	3.7	4.8	1.5	6.1	.	2.2	.	201
LOCATIONS	17	18	18	6	9	18	17	10	3	9	2	6	0	2	0	5	

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

TRAIT : YIELD
 AREA : 1 - 3
 YEAR : 2003

KEY NAME	AREA I (3)*	AREA II (4)	AREA III (1)	PROV. (8)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	7.13	6.07	7.62	6.66
2 FUNDULEA	5.94	5.22	6.29	5.62
3 AC CARTIER	6.82	5.97	8.07	6.55
4 AC MORLEY	7.24	5.72	6.93	6.44
5 25W33	7.24	5.55	7.58	6.43
6 SUPERIOR	7.65	5.98	8.35	6.90
7 25W60	7.89	5.74	7.05	6.71
8 AC MACKINNON	7.81	6.16	7.67	6.97
9 AC MOUNTAIN	7.35	5.95	8.15	6.75
10 AC ESSEX	7.27	6.29	7.75	6.84
11 MAXINE	7.15	5.72	6.18	6.31
12 STEALTH	7.32	5.71	7.33	6.52
13 CALEDONIA	6.77	5.50	7.08	6.18
14 WISDOM	7.38	5.85	7.65	6.65
15 PLATINUM	6.35	5.18	6.92	5.84
16 WHITBY	6.90	5.74	7.04	6.34
17 WEBSTER	7.53	5.90	7.98	6.77
18 WARWICK	7.24	6.16	6.96	6.67
19 WARTHOG	6.93	5.64	7.26	6.33
20 25R49	7.56	5.74	7.42	6.63
21 PRO 202SRW	6.93	5.63	7.22	6.32
22 WHITNEY	7.25	5.74	7.44	6.52
23 SISSON	7.33	5.57	7.66	6.49
24 25R26	7.28	5.29	6.74	6.22
25 25R23	8.27	6.06	7.78	7.10
26 HARVARD	7.28	6.31	8.34	6.93
27 CARLISLE	7.16	5.96	7.86	6.65
28 VIENNA	7.69	6.41	8.93	7.20
29 KRISTY	7.30	6.41	8.05	6.95
30 TWO05:008	7.64	5.72	7.11	6.62
31 TWO06:007	7.33	6.23	7.64	6.82
32 WONDER	6.97	5.82	6.99	6.40
33 AC SAMPSON	7.01	5.69	7.67	6.43
34 TWO60:075	7.66	6.16	8.24	6.98
35 TW98430	6.14	5.90	6.49	6.07
36 25R47	8.51	6.85	8.93	7.73
37 VA98W:586	7.10	5.85	7.84	6.57
38 OTF013:081	6.44	5.51	7.22	6.07
39 TWF020:038	7.53	6.19	7.96	6.92
40 PRC006	6.72	6.53	7.96	6.78
41 PRC008	7.57	6.06	7.78	6.84
OVERALL MEAN	7.23	5.90	7.54	6.60

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

TRAIT : RELATIVE YIELD
 AREA : 1 - 3
 YEAR : 2003

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (3)* MEAN	AREA II (4) MEAN	AREA III (1) MEAN	PROV. (8)** MEAN
1 AC RON	99	103	101	101
2 FUNDULEA	82	89	83	86
3 AC CARTIER	94	101	107	99
4 AC MORLEY	100	97	92	97
5 25W33	100	94	101	97
6 SUPERIOR	106	101	111	104
7 25W60	109	98	93	101
8 AC MACKINNON	108	105	102	105
9 AC MOUNTAIN	101	101	108	102
10 AC ESSEX	101	107	103	104
11 MAXINE	99	97	82	96
12 STEALTH	101	97	97	98
13 CALEDONIA	94	94	94	94
14 WISDOM	102	99	101	101
15 PLATINUM	88	88	92	88
16 WHITBY	95	98	93	96
17 WEBSTER	104	100	106	102
18 WARWICK	100	105	92	101
19 WARTHOG	96	96	96	96
20 25R49	105	98	98	100
21 PRO 202SRW	96	96	96	96
22 WHITNEY	100	97	99	98
23 SISSON	101	94	102	98
24 25R26	101	90	90	94
25 25R23	114	103	103	107
26 HARVARD	101	107	110	105
27 CARLISLE	99	101	104	101
28 VIENNA	106	108	118	109
29 KRISTY	101	108	107	106
30 TW005:008	105	97	94	100
31 TW006:007	102	106	101	104
32 WONDER	96	100	93	98
33 AC SAMPSON	97	96	102	97
34 TW060:075	106	104	109	105
35 TW98430	85	100	86	93
36 25R47	118	116	118	117
37 VA98W:586	98	99	104	99
38 OTF013:081	89	93	96	92
39 TW020:038	104	105	106	105
40 PRC006	93	111	106	103
41 PRC008	105	103	103	104
OVERALL MEAN	7.23	5.90	7.54	6.60

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR : 2003

AREA : 1

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	STR	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 AC RON	28	7.13	73.1	37	.	0.2	114	159	1.2	.	3.3	.	13.0	0.5	2.5	.	199
2 FUNDULEA	41	5.94	76.1	33	.	0.2	99	160	3.7	.	3.8	.	25.0	1.0	6.8	.	202
3 AC CARTIER	35	6.82	75.6	40	.	0.2	116	160	0.4	.	4.3	.	10.0	0.5	3.3	.	200
4 AC MORLEY	23	7.24	78.2	38	.	0.8	121	159	0.4	.	2.3	.	10.0	0.3	3.0	.	202
5 25W33	24	7.24	72.9	30	.	0.0	91	158	1.0	.	2.8	.	10.0	0.3	3.0	.	201
6 SUPERIOR	7	7.65	75.4	40	.	0.0	110	160	1.0	.	2.0	.	20.0	1.5	2.8	.	203
7 25W60	3	7.89	74.0	34	.	2.5	103	156	0.8	.	2.5	.	28.0	0.3	3.8	.	198
8 AC MACKINNON	4	7.81	74.6	37	.	0.1	109	156	1.8	.	4.0	.	30.0	1.0	3.0	.	198
9 AC MOUNTAIN	14	7.35	73.1	36	.	1.2	111	158	1.3	.	3.0	.	10.0	0.8	2.5	.	198
10 AC ESSEX	21	7.27	73.6	38	.	0.2	111	158	1.0	.	3.0	.	28.0	0.0	2.5	.	199
11 MAXINE	27	7.15	77.0	43	.	0.0	99	156	0.5	.	2.3	.	15.0	0.3	2.8	.	200
12 STEALTH	17	7.32	74.6	36	.	0.0	103	159	3.7	.	1.8	.	15.0	0.8	3.3	.	204
13 CALEDONIA	36	6.77	73.4	39	.	0.8	96	159	0.6	.	3.0	.	23.0	1.5	2.8	.	202
14 WISDOM	13	7.38	72.9	36	.	2.1	101	155	2.0	.	5.5	.	38.0	0.0	5.5	.	196
15 PLATINUM	39	6.35	78.3	38	.	0.4	123	163	0.4	.	2.5	.	13.0	0.3	3.3	.	203
16 WHITBY	34	6.90	73.6	38	.	0.0	114	160	0.6	.	4.3	.	18.0	0.3	3.3	.	202
17 WEBSTER	11	7.53	74.3	34	.	2.3	106	157	0.9	.	3.0	.	28.0	0.5	3.5	.	198
18 WARWICK	25	7.24	76.0	38	.	1.7	102	156	0.7	.	2.5	.	18.0	0.3	3.3	.	198
19 WARTHOG	32	6.93	78.5	40	.	0.2	104	159	1.5	.	3.8	.	15.0	0.3	3.3	.	199
20 25R49	10	7.56	74.8	41	.	0.9	108	156	2.0	.	2.0	.	45.0	0.8	2.5	.	200
21 PRO 202SRW	33	6.93	73.1	37	.	0.0	93	156	0.9	.	3.8	.	40.0	1.5	2.8	.	200
22 WHITNEY	22	7.25	74.4	36	.	2.1	93	157	0.5	.	2.0	.	55.0	5.8	2.3	.	198
23 SISSON	15	7.33	74.5	35	.	1.8	92	157	0.8	.	3.5	.	68.0	3.0	3.3	.	198
24 25R26	19	7.28	73.0	36	.	0.0	94	158	4.2	.	2.8	.	20.0	1.3	2.3	.	200
25 25R23	2	8.27	75.6	36	.	0.0	102	158	1.5	.	2.0	.	10.0	0.8	3.3	.	202
26 HARVARD	20	7.28	78.3	43	.	0.2	106	157	0.4	.	3.8	.	35.0	0.0	5.0	.	200
27 CARLISLE	26	7.16	78.0	42	.	0.1	96	155	1.3	.	2.8	.	23.0	0.5	2.0	.	200
28 VIENNA	5	7.69	74.1	35	.	0.9	103	157	0.4	.	2.3	.	13.0	0.0	2.5	.	203
29 KRISTY	18	7.30	74.5	38	.	0.5	101	155	0.7	.	2.8	.	33.0	0.0	3.3	.	200
30 TWO05:008	8	7.64	76.3	34	.	3.1	103	159	0.3	.	1.8	.	23.0	0.5	2.0	.	200
31 TWO06:007	16	7.33	73.3	37	.	0.9	111	159	1.7	.	2.3	.	20.0	2.3	2.3	.	200
32 WONDER	31	6.97	77.4	42	.	2.2	99	156	0.5	.	2.8	.	18.0	0.0	6.8	.	196
33 AC SAMPSON	30	7.01	75.5	38	.	0.6	107	161	1.3	.	2.8	.	15.0	0.0	4.3	.	202
34 TWO60:075	6	7.66	74.4	37	.	0.8	109	160	0.8	.	2.3	.	10.0	0.0	2.0	.	202
35 TW98430	40	6.14	70.7	34	.	0.2	85	156	0.6	.	7.0	.	50.0	0.0	7.0	.	198
36 25R47	1	8.51	74.8	37	.	0.5	93	155	0.7	.	1.3	.	30.0	0.3	1.3	.	202
37 VA98W:586	29	7.10	76.3	32	.	0.7	90	157	0.5	.	2.3	.	10.0	1.3	3.5	.	199
38 OTF013:081	38	6.44	73.1	34	.	0.7	116	161	0.9	.	2.8	.	13.0	0.3	4.5	.	203
39 TWF020:038	12	7.53	75.4	40	.	0.5	111	159	0.4	.	2.3	.	10.0	0.3	2.0	.	202
40 PRC006	37	6.72	69.2	33	.	1.6	118	161	0.9	.	4.0	.	10.0	0.3	2.8	.	202
41 PRC008	9	7.57	73.7	36	.	1.1	110	157	2.1	.	2.5	.	18.0	0.3	3.0	.	198
LOCATIONS	.	3	3	3	0	2	3	3	3	0	1	0	1	1	1	0	1

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR : 2003

AREA : 2

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	STR	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 AC RON	12	6.07	71.7	36	84	.	102	169	2.1	2.7	5.2	.	.	1.7	.	.	205
2 FUNDULEA	40	5.22	77.5	35	82	.	96	171	4.6	0.3	5.4	.	.	1.7	.	.	207
3 AC CARTIER	16	5.97	74.8	41	93	.	105	169	2.0	1.0	5.7	.	.	0.5	.	.	206
4 AC MORLEY	28	5.72	77.8	37	82	.	111	169	1.3	0.0	3.5	.	.	0.8	.	.	207
5 25W33	36	5.55	71.0	33	72	.	81	170	2.5	0.7	4.9	.	.	0.9	.	.	207
6 SUPERIOR	15	5.98	73.2	40	80	.	98	170	3.3	2.7	4.2	.	.	0.7	.	.	207
7 25W60	24	5.74	72.7	36	80	.	89	169	2.8	1.3	4.7	.	.	0.5	.	.	205
8 AC MACKINNON	9	6.16	72.5	37	82	.	98	168	3.2	1.7	5.7	.	.	2.0	.	.	205
9 AC MOUNTAIN	18	5.95	71.7	38	87	.	99	168	3.1	3.0	5.5	.	.	2.0	.	.	206
10 AC ESSEX	6	6.29	71.5	37	89	.	98	168	2.5	2.3	5.7	.	.	2.2	.	.	205
11 MAXINE	29	5.72	77.7	41	83	.	87	168	0.5	1.7	6.0	.	.	0.0	.	.	205
12 STEALTH	31	5.71	75.8	36	72	.	92	169	5.2	0.7	4.7	.	.	1.4	.	.	208
13 CALEDONIA	38	5.50	70.4	38	73	.	87	168	3.2	3.3	5.2	.	.	1.5	.	.	206
14 WISDOM	21	5.85	73.2	34	77	.	91	167	3.0	1.5	6.8	.	.	1.7	.	.	205
15 PLATINUM	41	5.18	78.6	38	87	.	110	172	1.0	1.7	4.6	.	.	0.4	.	.	206
16 WHITBY	25	5.74	71.3	38	86	.	102	170	2.2	1.7	5.4	.	.	0.5	.	.	206
17 WEBSTER	19	5.90	73.1	36	77	.	92	169	3.4	1.3	5.0	.	.	0.9	.	.	205
18 WARWICK	10	6.16	74.4	39	85	.	92	167	3.8	0.0	5.3	.	.	0.7	.	.	204
19 WARTHOG	33	5.64	78.2	36	86	.	97	169	3.2	0.3	5.4	.	.	1.5	.	.	205
20 25R49	26	5.74	75.0	39	65	.	83	167	3.8	1.3	5.1	.	.	1.2	.	.	207
21 PRO 202SRW	34	5.63	74.2	38	74	.	84	168	0.4	2.0	6.7	.	.	1.9	.	.	206
22 WHITNEY	27	5.74	75.6	35	75	.	80	168	0.5	0.7	5.1	.	.	3.2	.	.	206
23 SISSON	35	5.57	75.6	35	76	.	80	167	0.8	1.3	5.3	.	.	4.0	.	.	206
24 25R26	39	5.29	72.3	34	81	.	81	169	6.5	0.7	6.2	.	.	2.5	.	.	206
25 25R23	13	6.06	75.3	37	72	.	89	169	3.5	1.0	3.9	.	.	2.4	.	.	206
26 HARVARD	5	6.31	77.8	42	85	.	96	167	0.6	1.3	5.2	.	.	0.2	.	.	205
27 CARLISLE	17	5.96	77.8	47	86	.	86	166	2.1	1.0	6.4	.	.	1.2	.	.	204
28 VIENNA	3	6.41	76.5	34	78	.	96	168	0.0	0.7	4.1	.	.	1.0	.	.	207
29 KRISTY	4	6.41	74.6	38	75	.	89	167	1.1	0.3	5.7	.	.	1.7	.	.	205
30 TW005:008	30	5.72	75.9	35	75	.	92	169	1.2	0.0	3.8	.	.	0.7	.	.	206
31 TW006:007	7	6.23	71.3	35	88	.	103	168	1.9	0.7	4.6	.	.	1.7	.	.	205
32 WONDER	23	5.82	75.3	40	77	.	91	166	2.4	4.0	6.5	.	.	1.3	.	.	202
33 AC SAMPSON	32	5.69	74.7	38	81	.	102	172	3.0	4.0	5.0	.	.	0.5	.	.	207
34 TW060:075	11	6.16	73.1	37	78	.	100	171	4.1	1.3	4.1	.	.	0.2	.	.	207
35 TW98430	20	5.90	73.3	37	82	.	80	168	0.6	0.0	6.6	.	.	1.7	.	.	204
36 25R47	1	6.85	73.8	35	86	.	84	167	3.5	0.0	4.8	.	.	1.0	.	.	206
37 VA98W:586	22	5.85	76.8	34	72	.	82	168	0.2	1.0	4.5	.	.	1.9	.	.	205
38 OTF013:081	37	5.51	72.6	36	81	.	107	170	1.1	0.0	3.9	.	.	0.4	.	.	206
39 TWFO20:038	8	6.19	73.1	40	84	.	104	169	0.3	0.3	3.6	.	.	0.0	.	.	206
40 PRC006	2	6.53	70.4	34	92	.	108	170	0.6	0.7	4.7	.	.	1.0	.	.	207
41 PRC008	14	6.06	71.9	35	79	.	100	168	2.1	2.7	5.7	.	.	2.5	.	.	2.4
LOCATIONS	.	4	4	4	2	0	4	4	2	1	3	0	0	2	0	0	2

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR : 2003

AREA : 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	%	0-9	0-9	0-9	*
1 AC RON	22	7.62	72.5	40	91	.	100	171	3.5	.	.	.	.	.	.	.	.
2 FUNDULEA	40	6.29	76.1	34	91	.	90	173	6.5	.	.	.	.	.	.	.	.
3 AC CARTIER	7	8.07	74.7	39	92	.	108	172	1.0	.	.	.	.	.	.	.	.
4 AC MORLEY	36	6.93	75.6	41	74	.	109	172	0.8	.	.	.	.	.	.	.	.
5 25W33	23	7.58	70.5	32	88	.	83	171	4.0	.	.	.	.	.	.	.	.
6 SUPERIOR	3	8.35	73.4	40	88	.	99	173	3.5	.	.	.	.	.	.	.	.
7 25W60	32	7.05	72.5	34	78	.	86	169	6.3	.	.	.	.	.	.	.	.
8 AC MACKINNON	17	7.67	74.0	40	79	.	99	169	3.8	.	.	.	.	.	.	.	.
9 AC MOUNTAIN	6	8.15	73.0	39	93	.	100	171	5.0	.	.	.	.	.	.	.	.
10 AC ESSEX	16	7.75	73.2	40	84	.	99	170	4.0	.	.	.	.	.	.	.	.
11 MAXINE	41	6.18	76.3	46	64	.	83	167	2.0	.	.	.	.	.	.	.	.
12 STEALTH	26	7.33	75.2	39	68	.	88	171	7.3	.	.	.	.	.	.	.	.
13 CALEDONIA	31	7.08	73.3	42	73	.	80	170	5.8	.	.	.	.	.	.	.	.
14 WISDOM	20	7.65	74.0	35	88	.	88	167	5.3	.	.	.	.	.	.	.	.
15 PLATINUM	37	6.92	76.9	39	89	.	113	174	1.5	.	.	.	.	.	.	.	.
16 WHITBY	33	7.04	72.4	44	79	.	100	172	2.0	.	.	.	.	.	.	.	.
17 WEBSTER	9	7.98	73.6	38	88	.	93	171	5.5	.	.	.	.	.	.	.	.
18 WARWICK	35	6.96	75.4	40	92	.	90	168	4.0	.	.	.	.	.	.	.	.
19 WARTHOG	27	7.26	76.9	39	85	.	90	171	5.0	.	.	.	.	.	.	.	.
20 25R49	25	7.42	72.9	36	84	.	80	168	4.8	.	.	.	.	.	.	.	.
21 PRO 202SRW	28	7.22	74.0	37	78	.	78	167	1.5	.	.	.	.	.	.	.	.
22 WHITNEY	24	7.44	74.0	37	74	.	76	170	1.3	.	.	.	.	.	.	.	.
23 SISSON	19	7.66	75.8	38	89	.	75	169	1.0	.	.	.	.	.	.	.	.
24 25R26	38	6.74	73.5	36	68	.	76	171	7.5	.	.	.	.	.	.	.	.
25 25R23	14	7.78	73.9	39	81	.	86	170	5.5	.	.	.	.	.	.	.	.
26 HARVARD	4	8.34	78.2	44	95	.	95	167	2.8	.	.	.	.	.	.	.	.
27 CARLISLE	12	7.86	76.6	50	91	.	80	167	1.5	.	.	.	.	.	.	.	.
28 VIENNA	1	8.93	73.6	35	92	.	91	169	0.0	.	.	.	.	.	.	.	.
29 KRISTY	8	8.05	76.3	40	91	.	88	168	1.5	.	.	.	.	.	.	.	.
30 TW005:008	30	7.11	73.8	36	71	.	90	171	2.5	.	.	.	.	.	.	.	.
31 TW006:007	21	7.64	72.4	36	88	.	101	170	4.5	.	.	.	.	.	.	.	.
32 WONDER	34	6.99	74.4	40	80	.	90	168	1.8	.	.	.	.	.	.	.	.
33 AC SAMPSON	18	7.67	71.7	44	79	.	95	173	4.8	.	.	.	.	.	.	.	.
34 TW060:075	5	8.24	73.7	38	83	.	100	173	3.5	.	.	.	.	.	.	.	.
35 TW98430	39	6.49	74.4	38	76	.	76	168	0.5	.	.	.	.	.	.	.	.
36 25R47	2	8.93	72.3	38	89	.	83	167	3.3	.	.	.	.	.	.	.	.
37 VA98W:586	13	7.84	75.0	35	83	.	80	171	0.5	.	.	.	.	.	.	.	.
38 OTF013:081	29	7.22	72.8	41	91	.	101	173	0.0	.	.	.	.	.	.	.	.
39 TWf020:038	10	7.96	72.0	46	92	.	100	172	0.0	.	.	.	.	.	.	.	.
40 PRC006	11	7.96	70.5	38	90	.	108	174	0.8	.	.	.	.	.	.	.	.
41 PRC008	15	7.78	73.0	37	85	.	95	170	1.5	.	.	.	.	.	.	.	.
LOCATIONS	.	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

YEAR : 2003

AREA(S): 1- 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	STR	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 AC RON	18	6.66	72.3	37	86	0.2	106	165	1.9	2.7	4.7	13.0	1.3	2.5			203
2 FUNDULEA	41	5.62	76.8	34	85	0.2	96	167	4.4	0.3	5.0	25.0	1.4	6.8			205
3 AC CARTIER	24	6.55	75.0	40	93	0.2	110	166	1.1	1.0	5.3	10.0	0.5	3.3			204
4 AC MORLEY	28	6.44	77.7	38	79	0.8	114	166	0.8	0.0	3.2	10.0	0.6	3.0			205
5 25W33	29	6.43	71.7	32	77	0.0	85	165	2.0	0.7	4.4	10.0	0.7	3.0			205
6 SUPERIOR	9	6.90	74.1	40	82	0.0	102	167	2.2	2.7	3.7	20.0	1.0	2.8			206
7 25W60	16	6.71	73.2	35	79	2.5	94	164	2.4	1.3	4.2	28.0	0.4	3.8			203
8 AC MACKINNON	5	6.97	73.5	38	81	0.1	102	164	2.6	1.7	5.2	30.0	1.7	3.0			203
9 AC MOUNTAIN	15	6.75	72.4	37	89	1.2	104	165	2.5	3.0	4.9	10.0	1.6	2.5			203
10 AC ESSEX	10	6.84	72.5	38	87	0.2	103	165	2.0	2.3	5.0	28.0	1.5	2.5			203
11 MAXINE	35	6.31	77.2	42	76	0.0	91	164	0.8	1.7	5.1	15.0	0.1	2.8			203
12 STEALTH	25	6.52	75.3	36	70	0.0	95	166	4.8	0.7	4.0	15.0	1.2	3.3			206
13 CALEDONIA	37	6.18	71.9	39	73	0.8	89	165	2.3	3.3	4.7	23.0	1.5	2.8			205
14 WISDOM	19	6.65	73.2	35	81	2.1	94	163	2.9	1.5	6.4	38.0	1.1	5.5			202
15 PLATINUM	40	5.84	78.3	38	87	0.4	115	169	0.8	1.7	4.1	13.0	0.3	3.3			205
16 WHITBY	32	6.34	72.3	39	84	0.0	106	166	1.4	1.7	5.1	18.0	0.4	3.3			205
17 WEBSTER	14	6.77	73.6	36	81	2.3	97	165	2.5	1.3	4.5	28.0	0.7	3.5			203
18 WARWICK	17	6.67	75.1	39	87	1.7	96	163	2.3	0.0	4.6	18.0	0.5	3.3			202
19 WARTHOG	33	6.33	78.2	38	86	0.2	99	166	2.7	0.3	5.0	15.0	0.1	3.3			203
20 25R49	21	6.63	74.6	39	71	0.9	92	163	3.0	1.3	4.3	45.0	1.0	2.5			204
21 PRO 202SRW	34	6.32	73.7	38	75	0.0	87	163	0.8	2.0	6.0	40.0	1.7	2.8			204
22 WHITNEY	26	6.52	74.9	35	74	2.1	85	164	0.6	0.7	4.3	55.0	4.1	2.3			203
23 SISSON	27	6.49	75.2	35	80	1.8	84	163	0.8	1.3	4.9	68.0	3.7	3.3			203
24 25R26	36	6.22	72.7	35	77	0.0	86	165	5.5	0.7	5.4	20.0	2.1	2.3			204
25 25R23	3	7.10	75.2	37	75	0.0	93	165	2.8	1.0	3.5	10.0	1.8	3.3			205
26 HARVARD	7	6.93	78.0	42	88	0.2	100	163	0.9	1.3	4.9	35.0	0.1	5.0			203
27 CARLISLE	20	6.65	77.7	45	87	0.1	89	162	1.6	1.0	5.5	23.0	0.9	2.0			202
28 VIENNA	2	7.20	75.2	35	82	0.9	98	164	0.2	0.7	3.7	13.0	0.7	2.5			205
29 KRISTY	6	6.95	74.8	38	80	0.5	94	163	0.9	0.3	5.0	33.0	1.1	3.3			203
30 TW005:008	22	6.62	75.8	35	73	3.1	96	165	1.0	0.0	3.3	23.0	0.6	2.0			204
31 TW006:007	12	6.82	72.2	36	88	0.9	106	165	2.2	0.7	4.0	20.0	1.9	2.3			203
32 WONDER	31	6.40	76.0	41	78	2.2	94	163	1.4	4.0	5.6	18.0	0.9	6.8			200
33 AC SAMPSON	30	6.43	74.6	39	80	0.6	103	168	2.4	4.0	4.4	15.0	0.3	4.3			205
34 TW060:075	4	6.98	73.7	37	80	0.8	104	167	2.4	1.3	3.6	10.0	0.1	2.0			205
35 TW98430	38	6.07	72.5	36	80	0.2	81	163	0.6	0.0	6.7	50.0	1.1	7.0			202
36 25R47	1	7.73	74.0	36	87	0.5	87	163	2.0	0.0	3.9	30.0	0.8	1.3			205
37 VA98W:586	23	6.57	76.4	34	75	0.7	85	164	0.4	1.0	4.0	10.0	1.7	3.5			203
38 OTF013:081	39	6.07	72.8	36	84	0.7	110	167	0.8	0.0	3.6	13.0	0.3	4.5			205
39 TWFO20:038	8	6.92	73.8	41	87	0.5	106	166	0.3	0.3	3.3	10.0	0.1	2.0			205
40 PRC006	13	6.78	69.9	34	91	1.6	112	167	0.8	0.7	4.6	10.0	0.8	2.8			205
41 PRC008	11	6.84	72.7	36	81	1.1	103	164	2.0	2.7	4.9	18.0	1.8	3.0			202
LOCATIONS		8	8	8	3	2	8	8	6	1	4	0	1	3	1	0	3

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

TRIAL STATISTICS (GRAIN YIELD)

AREA	LOCATION	MEAN (g m ⁻²)	REPS	ERROR SS	ERROR DF	ERROR MS	C.V.%
I	WOODSLEE	763	4	469800	120	3915	8.2
I	RIDGETOWN	700	4	165120	120	1376	5.3
I	INWOOD	707	5	154880	160	968	4.4
II	NAIRN	553	3	68720	80	859	5.3
II	ELORA	618	4	271680	120	2264	7.7
II	PALMERSTON	640	4	195120	120	1626	6.3
II	BATH	547	4	317280	120	2644	9.4
III	OTTAWA	754	4	590040	120	4917	9.3

*100 g m⁻² = 1 t/ha = 893 lbs/acre

+Unofficial sites; data used in summaries.

ONTARIO PERFORMANCE TRIAL 2003; FALL WHEAT

LOCATION - WOODSLEE
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	STR	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 AC RON	16	7.80	72.5	38	.	.	113	153	2.5	.	3.3	.	13.0	0.5	2.5	.	.
2 FUNDULEA	40	6.00	76.6	34	.	.	94	153	5.5	.	3.8	.	25.0	1.0	6.8	.	.
3 AC CARTIER	22	7.60	74.7	43	.	.	113	154	1.3	.	4.3	.	10.0	0.5	3.3	.	.
4 AC MORLEY	11	8.10	78.1	41	.	.	122	154	1.3	.	2.3	.	10.0	0.3	3.0	.	.
5 25W33	24	7.50	72.1	28	.	.	86	153	1.5	.	2.8	.	10.0	0.3	3.0	.	.
6 SUPERIOR	16	7.80	75.0	39	.	.	105	154	2.0	.	2.0	.	20.0	1.5	2.8	.	.
7 25W60	3	8.80	73.1	33	.	.	100	151	1.5	.	2.5	.	28.0	0.3	3.8	.	.
8 AC MACKINNON	4	8.50	73.3	35	.	.	107	151	1.5	.	4.0	.	30.0	1.0	3.0	.	.
9 AC MOUNTAIN	7	8.30	72.1	34	.	.	108	153	2.3	.	3.0	.	10.0	0.8	2.5	.	.
10 AC ESSEX	20	7.70	72.2	35	.	.	108	153	2.0	.	3.0	.	28.0	0.0	2.5	.	.
11 MAXINE	32	7.20	74.0	41	.	.	96	151	1.5	.	2.3	.	15.0	0.3	2.8	.	.
12 STEALTH	14	7.90	75.9	36	.	.	100	153	6.0	.	1.8	.	15.0	0.8	3.3	.	.
13 CALEDONIA	35	6.90	72.1	41	.	.	85	153	1.3	.	3.0	.	23.0	1.5	2.8	.	.
14 WISDOM	9	8.20	72.1	39	.	.	99	150	2.5	.	5.5	.	38.0	0.0	5.5	.	.
15 PLATINUM	38	6.60	78.2	37	.	.	121	156	1.3	.	2.5	.	13.0	0.3	3.3	.	.
16 WHITBY	20	7.70	73.4	37	.	.	111	155	1.3	.	4.3	.	18.0	0.3	3.3	.	.
17 WEBSTER	22	7.60	72.2	31	.	.	102	152	2.3	.	3.0	.	28.0	0.5	3.5	.	.
18 WARWICK	24	7.50	73.6	35	.	.	99	151	2.0	.	2.5	.	18.0	0.3	3.3	.	.
19 WARTHOG	37	6.80	76.4	45	.	.	101	153	3.5	.	3.8	.	15.0	0.3	3.3	.	.
20 25R49	13	8.00	73.4	44	.	.	89	151	4.5	.	2.0	.	45.0	0.8	2.5	.	.
21 PRO 202SRW	28	7.30	70.6	41	.	.	92	151	2.8	.	3.8	.	40.0	1.5	2.8	.	.
22 WHITNEY	16	7.80	71.3	39	.	.	90	152	1.5	.	2.0	.	55.0	5.8	2.3	.	.
23 SISSON	16	7.80	71.3	32	.	.	89	151	2.3	.	3.5	.	68.0	3.0	3.3	.	.
24 25R26	14	7.90	72.8	37	.	.	91	153	6.0	.	2.8	.	20.0	1.3	2.3	.	.
25 25R23	2	9.00	74.4	35	.	.	98	152	3.0	.	2.0	.	10.0	0.8	3.3	.	.
26 HARVARD	28	7.30	75.0	41	.	.	103	150	1.3	.	3.8	.	35.0	0.0	5.0	.	.
27 CARLISLE	35	6.90	74.8	33	.	.	89	150	3.5	.	2.8	.	23.0	0.5	2.0	.	.
28 VIENNA	5	8.40	74.1	40	.	.	101	152	1.3	.	2.3	.	13.0	0.0	2.5	.	.
29 KRISTY	27	7.40	73.2	37	.	.	95	150	2.0	.	2.8	.	33.0	0.0	3.3	.	.
30 T005:008	5	8.40	75.3	33	.	.	102	152	1.0	.	1.8	.	23.0	0.5	2.0	.	.
31 T006:007	28	7.30	72.7	36	.	.	111	153	3.5	.	2.3	.	20.0	2.3	2.3	.	.
32 WONDER	28	7.30	75.3	41	.	.	96	151	1.5	.	2.8	.	18.0	0.0	6.8	.	.
33 AC SAMPSON	34	7.00	74.3	36	.	.	102	154	1.3	.	2.8	.	15.0	0.0	4.3	.	.
34 T060:075	7	8.30	73.8	35	.	.	108	154	1.5	.	2.3	.	10.0	0.0	2.0	.	.
35 TW98430	41	5.80	70.4	34	.	.	79	151	1.8	.	7.0	.	50.0	0.0	7.0	.	.
36 25R47	1	9.10	73.9	37	.	.	92	150	1.5	.	1.3	.	30.0	0.3	1.3	.	.
37 VA98W:586	32	7.20	75.5	30	.	.	85	153	1.5	.	2.3	.	10.0	1.3	3.5	.	.
38 OTF013:081	39	6.40	73.1	31	.	.	113	155	1.3	.	2.8	.	13.0	0.3	4.5	.	.
39 TWF020:038	11	8.10	75.3	40	.	.	110	154	1.3	.	2.3	.	10.0	0.3	2.0	.	.
40 PRC006	24	7.50	70.0	33	.	.	117	154	1.3	.	4.0	.	10.0	0.3	2.8	.	.
41 PRC008	9	8.20	71.5	33	.	.	109	152	2.3	.	2.5	.	18.0	0.3	3.0	.	.
MEANS		7.63	73.6	36	.	.	101	152	2.2	.	3.0	.	22.8	0.7	3.3	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL 2003; FALL WHEAT

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 AC RON	35	6.43	72.3	33	.	.0	115	162	1.0	.	.	.	.	.	.	.	199
2 FUNDULEA	41	6.16	75.8	34	.	.0	102	164	3.0	.	.	.	.	.	.	.	202
3 AC CARTIER	39	6.21	75.1	37	.	.0	118	163	.0	.	.	.	.	.	.	.	200
4 AC MORLEY	23	6.96	78.2	37	.	.0	120	162	.0	.	.	.	.	.	.	.	202
5 25W33	27	6.90	72.5	32	.	.0	93	160	1.5	.	.	.	.	.	.	.	201
6 SUPERIOR	3	7.70	74.0	39	.	.0	112	163	.5	.	.	.	.	.	.	.	203
7 25W60	25	6.91	73.8	33	.	3.0	105	158	1.0	.	.	.	.	.	.	.	198
8 AC MACKINNON	4	7.60	75.3	39	.	.0	110	159	2.5	.	.	.	.	.	.	.	198
9 AC MOUNTAIN	31	6.63	73.1	37	.	1.0	112	161	.5	.	.	.	.	.	.	.	198
10 AC ESSEX	21	6.98	74.0	40	.	.0	112	161	.5	.	.	.	.	.	.	.	199
11 MAXINE	18	7.06	77.4	42	.	.0	100	159	.0	.	.	.	.	.	.	.	200
12 STEALTH	20	7.01	73.5	35	.	.0	104	162	3.0	.	.	.	.	.	.	.	204
13 CALEDONIA	32	6.61	73.8	38	.	1.0	102	162	.0	.	.	.	.	.	.	.	202
14 WISDOM	28	6.88	72.6	34	.	2.0	102	158	2.0	.	.	.	.	.	.	.	196
15 PLATINUM	39	6.21	77.3	39	.	.0	124	166	.0	.	.	.	.	.	.	.	203
16 WHITBY	37	6.30	73.2	38	.	.0	115	163	.0	.	.	.	.	.	.	.	202
17 WEBSTER	12	7.30	74.3	37	.	2.0	108	160	.5	.	.	.	.	.	.	.	198
18 WARWICK	16	7.08	76.1	41	.	2.0	104	159	.0	.	.	.	.	.	.	.	198
19 WARTHOG	22	6.97	79.0	38	.	.0	105	162	.0	.	.	.	.	.	.	.	199
20 25R49	16	7.08	73.9	39	.	1.0	118	159	1.0	.	.	.	.	.	.	.	200
21 PRO 202SRW	30	6.66	73.4	34	.	.0	94	158	.0	.	.	.	.	.	.	.	200
22 WHITNEY	24	6.92	75.8	35	.	2.0	95	160	.0	.	.	.	.	.	.	.	198
23 SISSON	25	6.91	74.3	35	.	2.0	94	160	.0	.	.	.	.	.	.	.	198
24 25R26	29	6.81	73.2	35	.	.0	96	160	2.5	.	.	.	.	.	.	.	200
25 25R23	2	8.02	75.0	36	.	.0	104	161	.0	.	.	.	.	.	.	.	202
26 HARVARD	18	7.06	79.3	43	.	.0	108	160	.0	.	.	.	.	.	.	.	200
27 CARLISLE	13	7.28	78.5	45	.	.0	99	158	.5	.	.	.	.	.	.	.	200
28 VIENNA	7	7.45	75.0	33	.	.0	104	160	.0	.	.	.	.	.	.	.	203
29 KRISTY	10	7.32	75.0	40	.	.0	104	158	.0	.	.	.	.	.	.	.	200
30 TWO05:008	8	7.39	76.9	36	.	.0	104	162	.0	.	.	.	.	.	.	.	200
31 TWO06:007	5	7.56	73.2	37	.	.0	111	162	.0	.	.	.	.	.	.	.	200
32 WONDER	33	6.57	77.5	42	.	3.0	101	158	.0	.	.	.	.	.	.	.	196
33 AC SAMPSON	14	7.12	76.2	39	.	.0	110	164	1.0	.	.	.	.	.	.	.	202
34 TWO60:075	8	7.39	73.4	39	.	.0	110	163	1.0	.	.	.	.	.	.	.	202
35 TW98430	36	6.32	69.4	33	.	.0	88	159	.0	.	.	.	.	.	.	.	198
36 25R47	1	8.41	75.4	38	.	.0	94	158	.0	.	.	.	.	.	.	.	202
37 VA98W:586	15	7.11	76.8	34	.	1.0	93	159	.0	.	.	.	.	.	.	.	199
38 OTF013:081	34	6.53	72.8	37	.	.0	118	164	.0	.	.	.	.	.	.	.	203
39 TWFO20:038	10	7.32	75.6	43	.	.0	112	162	.0	.	.	.	.	.	.	.	202
40 PRC006	38	6.24	67.8	32	.	1.0	118	165	.0	.	.	.	.	.	.	.	202
41 PRC008	5	7.56	74.5	38	.	1.0	110	159	1.5	.	.	.	.	.	.	.	198
MEANS		7.00	74.7	37	.	.5	106	161	.6	.	.	.	.	.	.	.	200

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL 2003; FALL WHEAT

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 AC RON	17	7.15	74.5	39	.	.4	115	162	.0	.	.	.	.	.	.	.	.
2 FUNDULEA	41	5.65	76.0	32	.	.4	102	164	2.5	.	.	.	.	.	.	.	.
3 AC CARTIER	36	6.64	76.9	39	.	.4	118	163	.0	.	.	.	.	.	.	.	.
4 AC MORLEY	35	6.65	78.4	36	.	1.6	120	162	.0	.	.	.	.	.	.	.	.
5 25W33	8	7.32	74.2	31	.	.0	93	160	.0	.	.	.	.	.	.	.	.
6 SUPERIOR	7	7.45	77.2	41	.	.0	112	163	.5	.	.	.	.	.	.	.	.
7 25W60	2	7.95	75.0	36	.	2.0	105	158	.0	.	.	.	.	.	.	.	.
8 AC MACKINNON	8	7.32	75.2	38	.	.2	110	159	1.5	.	.	.	.	.	.	.	.
9 AC MOUNTAIN	22	7.12	74.1	37	.	1.4	112	161	1.0	.	.	.	.	.	.	.	.
10 AC ESSEX	19	7.14	74.7	38	.	.4	112	161	.5	.	.	.	.	.	.	.	.
11 MAXINE	14	7.18	79.5	45	.	.0	100	159	.0	.	.	.	.	.	.	.	.
12 STEALTH	25	7.04	74.5	36	.	.0	104	162	2.0	.	.	.	.	.	.	.	.
13 CALEDONIA	33	6.81	74.3	39	.	.6	102	162	.5	.	.	.	.	.	.	.	.
14 WISDOM	24	7.06	74.0	34	.	2.2	102	158	1.5	.	.	.	.	.	.	.	.
15 PLATINUM	40	6.25	79.5	39	.	.8	124	166	.0	.	.	.	.	.	.	.	.
16 WHITBY	34	6.71	74.3	40	.	.0	115	163	.5	.	.	.	.	.	.	.	.
17 WEBSTER	4	7.69	76.3	35	.	2.6	108	160	.0	.	.	.	.	.	.	.	.
18 WARWICK	17	7.15	78.4	39	.	1.4	104	159	.0	.	.	.	.	.	.	.	.
19 WARTHOG	28	7.01	80.0	38	.	.4	105	162	1.0	.	.	.	.	.	.	.	.
20 25R49	5	7.61	77.0	39	.	.8	118	159	.5	.	.	.	.	.	.	.	.
21 PRO 202SRW	32	6.84	75.2	37	.	.0	94	158	.0	.	.	.	.	.	.	.	.
22 WHITNEY	27	7.02	76.0	33	.	2.2	95	160	.0	.	.	.	.	.	.	.	.
23 SISSON	11	7.28	77.9	37	.	1.6	94	160	.0	.	.	.	.	.	.	.	.
24 25R26	21	7.13	73.1	36	.	.0	96	160	4.0	.	.	.	.	.	.	.	.
25 25R23	3	7.80	77.3	37	.	.0	104	161	1.5	.	.	.	.	.	.	.	.
26 HARVARD	6	7.48	80.5	44	.	.4	108	160	.0	.	.	.	.	.	.	.	.
27 CARLISLE	10	7.29	80.7	47	.	.2	99	158	.0	.	.	.	.	.	.	.	.
28 VIENNA	13	7.21	73.3	31	.	1.8	104	160	.0	.	.	.	.	.	.	.	.
29 KRISTY	16	7.17	75.2	37	.	1.0	104	158	.0	.	.	.	.	.	.	.	.
30 TWO05:008	22	7.12	76.7	33	.	6.2	104	162	.0	.	.	.	.	.	.	.	.
31 TWO06:007	19	7.14	74.0	37	.	1.8	111	162	1.5	.	.	.	.	.	.	.	.
32 WONDER	25	7.04	79.3	43	.	1.4	101	158	.0	.	.	.	.	.	.	.	.
33 AC SAMPSON	31	6.92	75.9	38	.	1.2	110	164	1.5	.	.	.	.	.	.	.	.
34 TWO60:075	11	7.28	76.1	38	.	1.6	110	163	.0	.	.	.	.	.	.	.	.
35 TW98430	39	6.31	72.2	36	.	.4	88	159	.0	.	.	.	.	.	.	.	.
36 25R47	1	8.02	75.2	35	.	1.0	94	158	.5	.	.	.	.	.	.	.	.
37 VA98W:586	29	7.00	76.6	33	.	.4	93	159	.0	.	.	.	.	.	.	.	.
38 OTF013:081	38	6.39	73.3	35	.	1.4	118	164	1.5	.	.	.	.	.	.	.	.
39 TWFO20:038	14	7.18	75.2	37	.	1.0	112	162	.0	.	.	.	.	.	.	.	.
40 PRC006	37	6.43	69.9	34	.	2.2	118	165	1.5	.	.	.	.	.	.	.	.
41 PRC008	30	6.95	75.1	37	.	1.2	110	159	2.5	.	.	.	.	.	.	.	.
MEANS		7.07	75.9	37	.	1.0	106	161	.6	.	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL 2003; FALL WHEAT

LOCATION - NAIRN
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	STR	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 AC RON	4	6.05	76.4	40	.	.	106	166	.	.	5.0	.	.	2.0	.	.	206
2 FUNDULEA	38	4.97	80.8	37	.	.	95	168	.	.	5.3	.	.	2.3	.	.	206
3 AC CARTIER	16	5.63	78.7	41	.	.	108	167	.	.	5.0	.	.	1.0	.	.	206
4 AC MORLEY	26	5.38	80.9	37	.	.	116	167	.	.	3.0	.	.	0.3	.	.	208
5 25W33	10	5.90	76.5	36	.	.	85	167	.	.	5.3	.	.	1.7	.	.	207
6 SUPERIOR	19	5.58	77.7	42	.	.	100	168	.	.	4.3	.	.	0.7	.	.	208
7 25W60	11	5.82	78.3	40	.	.	94	166	.	.	5.0	.	.	1.0	.	.	207
8 AC MACKINNON	7	5.95	76.8	40	.	.	101	166	.	.	5.3	.	.	2.0	.	.	206
9 AC MOUNTAIN	12	5.74	75.6	40	.	.	101	166	.	.	5.3	.	.	1.7	.	.	206
10 AC ESSEX	3	6.15	76.4	39	.	.	104	166	.	.	6.3	.	.	1.7	.	.	206
11 MAXINE	36	5.13	80.2	45	.	.	87	166	.	.	6.0	.	.	0.0	.	.	205
12 STEALTH	35	5.14	78.2	36	.	.	95	167	.	.	5.3	.	.	2.0	.	.	208
13 CALEDONIA	14	5.68	76.8	41	.	.	90	166	.	.	5.0	.	.	2.3	.	.	207
14 WISDOM	20	5.56	77.8	37	.	.	89	165	.	.	7.0	.	.	3.3	.	.	207
15 PLATINUM	41	4.67	80.5	38	.	.	116	170	.	.	4.3	.	.	0.7	.	.	206
16 WHITBY	5	6.00	76.6	38	.	.	104	168	.	.	5.3	.	.	0.7	.	.	207
17 WEBSTER	8	5.91	77.7	37	.	.	94	167	.	.	4.7	.	.	1.7	.	.	206
18 WARWICK	1	6.36	78.7	42	.	.	93	164	.	.	5.0	.	.	1.0	.	.	202
19 WARTHOG	39	4.89	81.4	38	.	.	97	167	.	.	6.3	.	.	1.7	.	.	204
20 25R49	25	5.45	78.8	41	.	.	86	163	.	.	5.7	.	.	2.3	.	.	207
21 PRO 202SRW	23	5.50	78.4	43	.	.	80	166	.	.	7.3	.	.	3.7	.	.	206
22 WHITNEY	32	5.23	79.3	37	.	.	83	165	.	.	6.0	.	.	1.7	.	.	206
23 SISSON	37	4.98	77.8	37	.	.	82	163	.	.	6.0	.	.	3.3	.	.	207
24 25R26	30	5.30	77.1	37	.	.	82	166	.	.	6.3	.	.	3.0	.	.	207
25 25R23	2	6.30	79.6	41	.	.	92	167	.	.	4.0	.	.	1.7	.	.	208
26 HARVARD	22	5.51	81.3	45	.	.	96	166	.	.	4.7	.	.	0.3	.	.	206
27 CARLISLE	18	5.59	80.7	48	.	.	84	162	.	.	6.3	.	.	2.3	.	.	205
28 VIENNA	34	5.16	79.0	35	.	.	91	166	.	.	4.3	.	.	1.0	.	.	207
29 KRISTY	29	5.34	78.0	43	.	.	85	163	.	.	6.7	.	.	3.0	.	.	204
30 TW005:008	15	5.65	79.9	38	.	.	94	167	.	.	4.0	.	.	0.3	.	.	207
31 TW006:007	6	5.96	76.4	38	.	.	106	167	.	.	5.0	.	.	1.0	.	.	206
32 WONDER	27	5.37	78.3	44	.	.	93	164	.	.	7.3	.	.	2.3	.	.	203
33 AC SAMPSON	33	5.21	77.7	38	.	.	103	169	.	.	5.7	.	.	1.0	.	.	207
34 TW060:075	31	5.29	77.2	39	.	.	102	169	.	.	3.3	.	.	0.3	.	.	208
35 TW98430	21	5.53	76.5	38	.	.	80	165	.	.	7.0	.	.	3.3	.	.	203
36 25R47	13	5.73	77.3	39	.	.	81	164	.	.	5.0	.	.	1.3	.	.	208
37 VA98W:586	28	5.35	80.3	37	.	.	81	166	.	.	4.3	.	.	1.7	.	.	205
38 OTF013:081	40	4.73	77.0	40	.	.	102	167	.	.	3.7	.	.	0.7	.	.	207
39 TWF020:038	24	5.48	77.8	44	.	.	102	167	.	.	3.3	.	.	0.0	.	.	207
40 PRC006	8	5.91	74.3	37	.	.	105	168	.	.	4.7	.	.	1.3	.	.	207
41 PRC008	16	5.63	76.2	38	.	.	102	166	.	.	6.3	.	.	3.0	.	.	205
MEANS		5.53	78.2	39	.	.	95	166	.	.	5.3	.	.	1.6	.	.	206

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL 2003; FALL WHEAT

LOCATION - ELORA
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 AC RON	11 6.62	71.7	27	78	.	108	173	2.5	.	4.5	.	.	.	.	.	.
2 FUNDULEA	37 5.22	78.6	30	70	.	91	175	3.8	.	5.5	.	.	.	.	.	.
3 AC CARTIER	13 6.54	76.8	38	90	.	110	174	2.0	.	5.0	.	.	.	.	.	.
4 AC MORLEY	20 6.19	81.1	35	68	.	114	174	1.3	.	3.3	.	.	.	.	.	.
5 25W33	38 5.03	68.0	25	50	.	79	175	3.3	.	3.3	.	.	.	.	.	.
6 SUPERIOR	21 6.17	73.6	34	65	.	100	175	3.3	.	4.0	.	.	.	.	.	.
7 25W60	35 5.48	71.1	28	63	.	90	174	3.3	.	3.8	.	.	.	.	.	.
8 AC MACKINNON	17 6.22	72.3	30	73	.	101	172	3.3	.	5.0	.	.	.	.	.	.
9 AC MOUNTAIN	14 6.45	72.3	32	80	.	105	173	3.5	.	4.5	.	.	.	.	.	.
10 AC ESSEX	6 7.03	71.7	31	83	.	105	173	3.8	.	4.5	.	.	.	.	.	.
11 MAXINE	9 6.85	78.6	34	70	.	88	173	1.0	.	5.3	.	.	.	.	.	.
12 STEALTH	28 5.97	76.6	30	58	.	90	175	5.3	.	3.5	.	.	.	.	.	.
13 CALEDONIA	39 4.84	69.2	32	50	.	81	174	3.3	.	5.0	.	.	.	.	.	.
14 WISDOM	26 6.06	71.1	26	68	.	94	171	2.8	.	6.3	.	.	.	.	.	.
15 PLATINUM	34 5.54	79.8	36	78	.	110	178	1.3	.	3.3	.	.	.	.	.	.
16 WHITBY	29 5.90	72.3	36	78	.	105	175	2.5	.	3.8	.	.	.	.	.	.
17 WEBSTER	23 6.13	74.8	32	63	.	94	174	3.5	.	4.5	.	.	.	.	.	.
18 WARWICK	33 5.69	73.0	33	75	.	96	172	5.0	.	4.8	.	.	.	.	.	.
19 WARTHOG	27 5.98	79.8	31	75	.	93	174	3.5	.	4.8	.	.	.	.	.	.
20 25R49	40 4.73	74.8	35	35	.	81	173	4.5	.	3.3	.	.	.	.	.	.
21 PRO 202SRW	25 6.08	75.3	33	58	.	81	174	.5	.	4.8	.	.	.	.	.	.
22 WHITNEY	16 6.41	76.1	30	60	.	79	173	.3	.	3.5	.	.	.	.	.	.
23 SISSON	19 6.20	78.6	26	58	.	79	171	.8	.	4.0	.	.	.	.	.	.
24 25R26	41 4.66	69.9	29	70	.	79	175	7.0	.	6.0	.	.	.	.	.	.
25 25R23	36 5.23	74.8	29	50	.	84	174	3.0	.	3.8	.	.	.	.	.	.
26 HARVARD	2 7.42	78.9	37	73	.	98	171	.8	.	4.3	.	.	.	.	.	.
27 CARLISLE	14 6.45	77.3	39	75	.	86	172	2.5	.	5.8	.	.	.	.	.	.
28 VIENNA	3 7.25	78.6	33	60	.	94	173	.0	.	3.3	.	.	.	.	.	.
29 KRISTY	3 7.25	76.1	32	63	.	89	172	.5	.	4.5	.	.	.	.	.	.
30 TW005:008	31 5.84	77.3	30	55	.	93	174	.5	.	3.0	.	.	.	.	.	.
31 TW006:007	8 6.87	72.3	30	78	.	106	173	1.5	.	3.8	.	.	.	.	.	.
32 WONDER	31 5.84	73.6	32	63	.	91	172	1.8	.	4.8	.	.	.	.	.	.
33 AC SAMPSON	17 6.22	77.3	34	68	.	104	177	3.3	.	4.0	.	.	.	.	.	.
34 TW060:075	7 6.94	73.6	32	70	.	105	175	4.5	.	4.3	.	.	.	.	.	.
35 TW98430	10 6.71	74.8	34	68	.	83	172	.8	.	5.0	.	.	.	.	.	.
36 25R47	1 7.65	74.8	28	80	.	85	171	3.3	.	4.0	.	.	.	.	.	.
37 VA98W:586	24 6.09	77.6	29	48	.	76	174	.0	.	3.5	.	.	.	.	.	.
38 OTF013:081	30 5.88	74.2	26	65	.	109	175	1.0	.	4.0	.	.	.	.	.	.
39 TWF020:038	12 6.58	73.6	32	70	.	105	174	.0	.	3.5	.	.	.	.	.	.
40 PRC006	5 7.21	70.5	30	88	.	110	176	.8	.	4.8	.	.	.	.	.	.
41 PRC008	22 6.16	72.3	30	68	.	100	172	1.8	.	4.5	.	.	.	.	.	.
MEANS	6.18	74.7	31	67	.	94	173	2.4	.	4.3	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL 2003; FALL WHEAT

LOCATION - PALMERSTON
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 %	STR 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 AC RON	18	6.44	66.7	37	.	.	101	170	1.7	2.7	6.0	.	.	1.3	.	.	203
2 FUNDULEA	41	5.68	75.6	38	.	.	98	175	5.3	.3	5.3	.	.	1.0	.	.	207
3 AC CARTIER	17	6.48	68.9	42	.	.	102	172	2.0	1.0	7.0	.	.	0.0	.	.	205
4 AC MORLEY	16	6.51	74.7	40	.	.	114	171	1.3	.0	4.3	.	.	1.3	.	.	206
5 25W33	33	6.03	68.2	34	.	.	77	172	1.7	.7	6.0	.	.	0.0	.	.	206
6 SUPERIOR	10	6.80	70.0	41	.	.	96	172	3.3	2.7	4.3	.	.	0.7	.	.	206
7 25W60	21	6.35	69.3	37	.	.	86	169	2.3	1.3	5.3	.	.	0.0	.	.	203
8 AC MACKINNON	9	6.88	68.5	39	.	.	96	169	3.0	1.7	6.7	.	.	2.0	.	.	204
9 AC MOUNTAIN	30	6.13	67.1	38	.	.	96	170	2.7	3.0	6.7	.	.	2.3	.	.	205
10 AC ESSEX	20	6.36	66.6	38	.	.	93	170	1.3	2.3	6.3	.	.	2.7	.	.	204
11 MAXINE	31	6.05	75.5	43	.	.	87	169	.0	1.7	6.7	.	.	0.0	.	.	204
12 STEALTH	27	6.22	76.2	39	.	.	93	172	5.0	.7	5.3	.	.	0.7	.	.	207
13 CALEDONIA	37	5.91	66.3	39	.	.	90	170	3.0	3.3	5.7	.	.	0.7	.	.	205
14 WISDOM	24	6.28	72.7	39	.	.	93	168	3.3	1.5	7.0	.	.	0.0	.	.	202
15 PLATINUM	34	5.96	76.7	39	.	.	106	174	.7	1.7	6.3	.	.	0.0	.	.	206
16 WHITBY	35	5.94	65.2	38	.	.	99	172	2.0	1.7	7.0	.	.	0.3	.	.	205
17 WEBSTER	14	6.59	70.1	38	.	.	89	171	3.3	1.3	5.7	.	.	0.0	.	.	204
18 WARWICK	5	6.92	73.1	41	.	.	94	168	2.7	.0	6.0	.	.	0.3	.	.	205
19 WARTHOG	28	6.19	76.0	37	.	.	96	173	3.0	.3	5.0	.	.	1.3	.	.	206
20 25R49	12	6.68	72.3	40	.	.	83	167	3.0	1.3	6.3	.	.	0.0	.	.	206
21 PRO 202SRW	40	5.74	71.0	36	.	.	94	169	.3	2.0	8.0	.	.	0.0	.	.	205
22 WHITNEY	26	6.23	73.7	39	.	.	81	170	.7	.7	5.7	.	.	4.7	.	.	206
23 SISSON	38	5.89	73.5	42	.	.	82	169	.7	1.3	6.0	.	.	4.7	.	.	204
24 25R26	39	5.86	70.5	36	.	.	81	171	6.0	.7	6.3	.	.	2.0	.	.	205
25 25R23	1	7.18	73.8	41	.	.	92	171	4.0	1.0	4.0	.	.	3.0	.	.	204
26 HARVARD	8	6.89	75.4	44	.	.	95	169	.3	1.3	6.7	.	.	0.0	.	.	204
27 CARLISLE	23	6.31	76.1	54	.	.	89	168	1.7	1.0	7.0	.	.	0.0	.	.	202
28 VIENNA	3	6.98	74.7	36	.	.	104	170	.0	.7	4.7	.	.	1.0	.	.	206
29 KRISTY	4	6.97	72.7	39	.	.	94	168	1.7	.3	6.0	.	.	0.3	.	.	205
30 TW005:008	21	6.35	73.5	36	.	.	94	171	2.0	.0	4.3	.	.	1.0	.	.	205
31 TW006:007	15	6.56	67.1	37	.	.	103	171	2.3	.7	5.0	.	.	2.3	.	.	204
32 WONDER	35	5.94	75.3	43	.	.	94	167	3.0	4.0	7.3	.	.	0.3	.	.	200
33 AC SAMPSON	28	6.19	72.9	42	.	.	105	174	2.7	4.0	5.3	.	.	0.0	.	.	207
34 TW060:075	2	7.05	70.6	38	.	.	100	173	3.7	1.3	4.7	.	.	0.0	.	.	206
35 TW98430	32	6.04	70.5	38	.	.	79	169	.3	.0	7.7	.	.	0.0	.	.	205
36 25R47	6	6.90	71.3	36	.	.	88	169	3.7	.0	5.3	.	.	0.7	.	.	204
37 VA98W:586	12	6.68	74.3	36	.	.	86	170	.3	1.0	5.7	.	.	2.0	.	.	205
38 OTF013:081	19	6.42	68.2	37	.	.	112	172	1.3	.0	4.0	.	.	0.0	.	.	205
39 TWF020:038	6	6.90	68.1	41	.	.	102	171	.7	.3	4.0	.	.	0.0	.	.	205
40 PRC006	11	6.79	67.9	33	.	.	111	173	.3	.7	4.7	.	.	0.7	.	.	206
41 PRC008	25	6.26	68.0	37	.	.	101	170	2.3	2.7	6.3	.	.	2.0	.	.	203
MEANS		6.40	71.4	39	.	.	95	170	2.2	1.3	5.8	.	.	1.0	.	.	205

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL 2003; FALL WHEAT

LOCATION - BATH
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 AC RON	31	5.16	71.9	39	90	.	91	165	.	.	.	.	.	.	.	.	.
2 FUNDULEA	36	5.01	75.0	34	94	.	98	164	.	.	.	.	.	.	.	.	.
3 AC CARTIER	27	5.24	74.6	41	96	.	101	163	.	.	.	.	.	.	.	.	.
4 AC MORLEY	40	4.78	74.5	34	95	.	100	162	.	.	.	.	.	.	.	.	.
5 25W33	28	5.22	71.2	37	94	.	84	165	.	.	.	.	.	.	.	.	.
6 SUPERIOR	21	5.39	71.5	41	94	.	94	164	.	.	.	.	.	.	.	.	.
7 25W60	24	5.33	72.2	37	97	.	85	165	.	.	.	.	.	.	.	.	.
8 AC MACKINNON	11	5.59	72.5	39	91	.	94	163	.	.	.	.	.	.	.	.	.
9 AC MOUNTAIN	19	5.48	71.8	40	93	.	95	163	.	.	.	.	.	.	.	.	.
10 AC ESSEX	10	5.61	71.2	41	95	.	91	164	.	.	.	.	.	.	.	.	.
11 MAXINE	39	4.85	76.5	42	95	.	85	164	.	.	.	.	.	.	.	.	.
12 STEALTH	15	5.51	72.4	37	85	.	89	163	.	.	.	.	.	.	.	.	.
13 CALEDONIA	12	5.58	69.3	39	95	.	85	163	.	.	.	.	.	.	.	.	.
14 WISDOM	15	5.51	71.2	34	86	.	86	163	.	.	.	.	.	.	.	.	.
15 PLATINUM	41	4.56	77.2	40	95	.	106	167	.	.	.	.	.	.	.	.	.
16 WHITBY	32	5.13	71.0	39	94	.	99	163	.	.	.	.	.	.	.	.	.
17 WEBSTER	38	4.96	69.7	36	91	.	89	163	.	.	.	.	.	.	.	.	.
18 WARWICK	9	5.68	72.7	40	95	.	85	163	.	.	.	.	.	.	.	.	.
19 WARTHOG	15	5.51	75.8	36	97	.	103	162	.	.	.	.	.	.	.	.	.
20 25R49	6	6.10	73.9	38	94	.	81	164	.	.	.	.	.	.	.	.	.
21 PRO 202SRW	30	5.20	72.0	40	90	.	80	164	.	.	.	.	.	.	.	.	.
22 WHITNEY	34	5.08	73.3	33	89	.	78	164	.	.	.	.	.	.	.	.	.
23 SISSON	28	5.22	72.5	34	93	.	76	164	.	.	.	.	.	.	.	.	.
24 25R26	23	5.35	71.6	33	92	.	83	164	.	.	.	.	.	.	.	.	.
25 25R23	13	5.53	73.0	36	94	.	86	163	.	.	.	.	.	.	.	.	.
26 HARVARD	20	5.42	75.7	41	97	.	93	162	.	.	.	.	.	.	.	.	.
27 CARLISLE	18	5.50	76.9	47	96	.	84	163	.	.	.	.	.	.	.	.	.
28 VIENNA	2	6.25	73.6	33	95	.	95	162	.	.	.	.	.	.	.	.	.
29 KRISTY	7	6.08	71.7	38	86	.	89	163	.	.	.	.	.	.	.	.	.
30 TWO05:008	35	5.06	72.9	34	94	.	85	163	.	.	.	.	.	.	.	.	.
31 TWO06:007	14	5.52	69.5	36	97	.	98	162	.	.	.	.	.	.	.	.	.
32 WONDER	5	6.14	73.9	42	91	.	84	162	.	.	.	.	.	.	.	.	.
33 AC SAMPSON	33	5.12	71.0	38	94	.	94	168	.	.	.	.	.	.	.	.	.
34 TWO60:075	22	5.36	70.9	38	86	.	93	166	.	.	.	.	.	.	.	.	.
35 TW98430	24	5.33	71.5	37	95	.	76	164	.	.	.	.	.	.	.	.	.
36 25R47	1	7.11	71.6	37	92	.	81	164	.	.	.	.	.	.	.	.	.
37 VA98W:586	26	5.28	74.9	34	95	.	84	163	.	.	.	.	.	.	.	.	.
38 OTF013:081	36	5.01	71.1	40	97	.	105	166	.	.	.	.	.	.	.	.	.
39 TWFO20:038	8	5.81	72.7	42	98	.	106	165	.	.	.	.	.	.	.	.	.
40 PRC006	3	6.23	68.7	37	96	.	106	163	.	.	.	.	.	.	.	.	.
41 PRC008	4	6.18	70.9	36	89	.	95	162	.	.	.	.	.	.	.	.	.
MEANS		5.46	72.6	38	93	.	91	164	.	.	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL 2003; FALL WHEAT

LOCATION - OTTAWA-1
 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 AC RON	22	7.62	72.5	40	91	.	100	171	3.5	.	.	.	.	.	.	.	.
2 FUNDULEA	40	6.29	76.1	34	91	.	90	173	6.5	.	.	.	.	.	.	.	.
3 AC CARTIER	7	8.07	74.7	39	92	.	108	172	1.0	.	.	.	.	.	.	.	.
4 AC MORLEY	36	6.93	75.6	41	74	.	109	172	.8	.	.	.	.	.	.	.	.
5 25W33	23	7.58	70.5	32	88	.	83	171	4.0	.	.	.	.	.	.	.	.
6 SUPERIOR	3	8.35	73.4	40	88	.	99	173	3.5	.	.	.	.	.	.	.	.
7 25W60	32	7.05	72.5	34	78	.	86	169	6.3	.	.	.	.	.	.	.	.
8 AC MACKINNON	17	7.67	74.0	40	79	.	99	169	3.8	.	.	.	.	.	.	.	.
9 AC MOUNTAIN	6	8.15	73.0	39	93	.	100	171	5.0	.	.	.	.	.	.	.	.
10 AC ESSEX	16	7.75	73.2	40	84	.	99	170	4.0	.	.	.	.	.	.	.	.
11 MAXINE	41	6.18	76.3	46	64	.	83	167	2.0	.	.	.	.	.	.	.	.
12 STEALTH	26	7.33	75.2	39	68	.	88	171	7.3	.	.	.	.	.	.	.	.
13 CALEDONIA	31	7.08	73.3	42	73	.	80	170	5.8	.	.	.	.	.	.	.	.
14 WISDOM	20	7.65	74.0	35	88	.	88	167	5.3	.	.	.	.	.	.	.	.
15 PLATINUM	37	6.92	76.9	39	89	.	113	174	1.5	.	.	.	.	.	.	.	.
16 WHITBY	33	7.04	72.4	44	79	.	100	172	2.0	.	.	.	.	.	.	.	.
17 WEBSTER	9	7.98	73.6	38	88	.	93	171	5.5	.	.	.	.	.	.	.	.
18 WARWICK	35	6.96	75.4	40	92	.	90	168	4.0	.	.	.	.	.	.	.	.
19 WARTHOG	27	7.26	76.9	39	85	.	90	171	5.0	.	.	.	.	.	.	.	.
20 25R49	25	7.42	72.9	36	84	.	80	168	4.8	.	.	.	.	.	.	.	.
21 PRO 202SRW	28	7.22	74.0	37	78	.	78	167	1.5	.	.	.	.	.	.	.	.
22 WHITNEY	24	7.44	74.0	37	74	.	76	170	1.3	.	.	.	.	.	.	.	.
23 SISSON	19	7.66	75.8	38	89	.	75	169	1.0	.	.	.	.	.	.	.	.
24 25R26	38	6.74	73.5	36	68	.	76	171	7.5	.	.	.	.	.	.	.	.
25 25R23	14	7.78	73.9	39	81	.	86	170	5.5	.	.	.	.	.	.	.	.
26 HARVARD	4	8.34	78.2	44	95	.	95	167	2.8	.	.	.	.	.	.	.	.
27 CARLISLE	12	7.86	76.6	50	91	.	80	167	1.5	.	.	.	.	.	.	.	.
28 VIENNA	1	8.93	73.6	35	92	.	91	169	.0	.	.	.	.	.	.	.	.
29 KRISTY	8	8.05	76.3	40	91	.	88	168	1.5	.	.	.	.	.	.	.	.
30 TWO05:008	30	7.11	73.8	36	71	.	90	171	2.5	.	.	.	.	.	.	.	.
31 TWO06:007	21	7.64	72.4	36	88	.	101	170	4.5	.	.	.	.	.	.	.	.
32 WONDER	34	6.99	74.4	40	80	.	90	168	1.8	.	.	.	.	.	.	.	.
33 AC SAMPSON	17	7.67	71.7	44	79	.	95	173	4.8	.	.	.	.	.	.	.	.
34 TWO60:075	5	8.24	73.7	38	83	.	100	173	3.5	.	.	.	.	.	.	.	.
35 TW98430	39	6.49	74.4	38	76	.	76	168	.5	.	.	.	.	.	.	.	.
36 25R47	1	8.93	72.3	38	89	.	83	167	3.3	.	.	.	.	.	.	.	.
37 VA98W:586	13	7.84	75.0	35	83	.	80	171	.5	.	.	.	.	.	.	.	.
38 OTF013:081	28	7.22	72.8	41	91	.	101	173	.0	.	.	.	.	.	.	.	.
39 TWf020:038	10	7.96	72.0	46	92	.	100	172	.0	.	.	.	.	.	.	.	.
40 PRC006	10	7.96	70.5	38	90	.	108	174	.8	.	.	.	.	.	.	.	.
41 PRC008	14	7.78	73.0	37	85	.	95	170	1.5	.	.	.	.	.	.	.	.
MEANS		7.54	74.0	39	84	.	91	170	3.1	.	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2003

MANAGEMENT - FUSARIUM INOCULATION
MIST IRRIGATION 2003

KEY NAME	-----RIDGETOWN-----				-----NAIRN-----				-----OTTAWA-----			
	FHBI* %	RK	DON* PPM	RK	FHBI* %	RK	DON* PPM	RK	FHBI %	RK	DON PPM	RK
1 AC RON	25.1	24	3.4	12	18.4	13	10.4	31	56.2	34	18.7	25
2 FUNDULEA	15.9	15	3.0	7	27.2	21	5.9	11	72.2	41	15.1	19
3 AC CARTIER	20.1	17	4.5	23	23.6	18	8.2	20	60.0	37	29.9	38
4 AC MORLEY	11.8	10	2.2	4	9.3	2	3.5	5	40.3	18	8.4	4
5 25W33	38.2	34	8.7	38	17.7	12	6.8	15	48.4	27	27.9	37
6 SUPERIOR	24.6	22	3.9	18	23.0	16	9.9	27	39.0	16	15.7	21
7 25W60	72.9	40	13.7	41	31.0	25	14.1	38	46.0	25	25.0	33
8 AC MACKINNON	51.0	37	7.4	35	43.0	35	15.9	39	60.1	38	21.9	28
9 AC MOUNTAIN	11.2	9	3.1	9	13.8	8	5.3	9	37.5	15	15.4	20
10 AC ESSEX	21.4	19	3.6	15	32.9	27	10.8	33	43.0	22	24.6	31
11 MAXINE	9.3	8	3.6	16	35.2	29	9.0	23	49.7	29	10.0	8
12 STEALTH	24.8	23	4.0	21	16.3	11	3.5	6	56.2	34	25.7	34
13 CALEDONIA	26.9	26	8.0	36	33.0	28	16.3	40	52.3	31	32.5	39
14 WISDOM	7.0	4	1.7	3	28.9	22	7.5	17	19.7	5	9.1	7
15 PLATINUM	27.0	26	2.5	6	5.8	1	2.9	3	35.8	14	10.4	10
16 WHITBY	26.5	25	6.0	31	9.7	3	7.5	18	40.3	18	20.4	27
17 WEBSTER	14.1	14	4.2	22	30.2	24	4.0	8	41.4	20	18.6	24
18 WARWICK	11.8	10	3.5	14	40.0	33	9.0	25	26.0	7	13.0	16
19 WARTHOG	7.5	6	1.2	1	32.2	26	5.4	10	29.6	8	11.9	14
20 25R49	18.7	16	4.9	24	60.7	39	11.2	34	35.4	13	8.8	6
21 PRO 202SRW	40.4	35	12.5	40	39.8	32	9.0	24	48.1	26	16.2	22
22 WHITNEY	63.5	38	6.6	33	58.3	38	11.8	35	55.0	33	26.6	36
23 SISSON	41.9	36	5.2	25	83.6	41	18.4	41	45.4	24	14.7	18
24 25R26	32.1	30	5.3	26	23.5	17	3.7	7	39.4	17	10.2	9
25 25R23	23.0	20	6.6	34	15.5	10	10.0	28	24.2	6	10.7	11
26 HARVARD	9.1	7	3.9	19	37.5	30	7.1	16	30.5	10	11.6	12
27 CARLISLE	13.4	13	3.1	8	49.8	37	12.6	36	48.8	28	7.8	3
28 VIENNA	2.4	1	1.7	2	10.7	4	2.0	1	51.3	30	23.1	30
29 KRISTY	5.8	2	3.3	11	49.0	36	8.1	19	41.7	21	8.7	5
30 T005:008	12.7	12	3.5	13	13.8	8	2.3	2	9.0	3	6.4	2
31 T006:007	35.9	33	5.7	29	26.0	20	10.2	29	29.6	8	24.6	32
32 WONDER	7.0	4	2.5	5	12.7	5	3.1	4	0.5	1	3.0	1
33 AC SAMPSON	28.2	28	4.0	20	22.1	15	6.4	13	57.8	36	26.0	35
34 T060:075	34.6	32	8.2	37	20.4	14	10.8	32	52.3	31	36.8	40
35 TW98430	69.2	39	5.7	27	63.5	40	8.7	22	63.8	39	16.3	23
36 25R47	23.0	20	6.2	32	42.0	34	12.9	37	6.8	2	11.6	13
37 VA98W:586	6.4	3	3.7	17	39.2	31	6.4	14	34.4	12	12.6	15
38 OTF013:081	20.6	18	3.2	10	13.7	7	5.9	12	45.3	23	14.3	17
39 TWF020:038	29.9	29	5.7	28	13.3	6	8.3	21	12.2	4	19.3	26
40 PRC006	74.8	41	9.5	39	29.9	23	10.4	30	68.0	40	44.9	41
41 PRC008	33.8	31	5.8	30	25.1	19	9.7	26	32.3	11	22.5	29
MEANS	26.2	.	4.5	.	29.8	.	8.4	.	41.1	.	17.8	.
CV%	68.4		35.0				51.1		42.8		46.0	
LSD			2.9				4.5		16.9		7.5	

* FUSARIUM HEAD BLIGHT INDEX = % SPIKELETS INFECTED x % HEADS INFECTED
MEANS FOLLOWED BY THE SAME LETTER DO NOT DIFFER SIGNIFICANTLY.
**DEOXYNIVALENOL IN PARTS PER MILLION USING A QUANTITATIVE ELISA TEST.

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 2003

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LEGEND

YLD	-	YIELD (T/HA; 1 T/HA = 14.87 BU/AC)
TSTW	-	TEST WEIGHT (KG/HL)
KW	-	KERNEL WEIGHT (MG)
LOG	-	LODGING
HGT	-	HEIGHT (CM)
HDT	-	HEADING DATE (DAYS FROM PLANTING)
MIL	-	MILDEW
LRS	-	LEAF RUST
SEP	-	SEPTORIA
STR	-	STRIPE RUST
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
EFS	-	EASTERN FEED SPRING
-a	-	awned

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

LOCATIONS ABBREVIATIONS

BG	BEACHBURG
EA	ELORA
EO	EMO
HN	HARRISTON
KE	KEMPTVILLE
KG	KAPUSKASING
MK	MONKTON
NL	NEW LISKEARD
Ol	OTTAWA-1
PN	PALMERSTON
SI	ST. ISIDORE
TB	THUNDER BAY
VR	VERNER
WR	WINCHESTER
WP	WINTHROP

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 2003

DESCRIPTION OF VARIETIES/LINES TESTED

- Variety Name;class type: experimental designation - pedigree - breeder,institute - sponsor, distributor - date, number and type of registration.
- 1**Celtic*;HRS-a: Agripro - Hyland Seeds, W.G.Thompson & Sons Ltd.
- 04/1993, 3758, Regional Registration for Nfld,PEI,NS,NB,ON,PQ.
- 2 *Quantum*;HRS-a: CM93609 - line BWS-01/line WBF16-3-2 - Pflanzenzucht,
Oberlimpurg, GDR - C&M Seeds - 03/1999, 4877, Regional Registration
for Nfld,PEI,NS,NB,ON,PQ.
- 3**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.
- 4**AC Taho*;HRS: CM:RL4719 - BW121/Roblin - Agriculture & Agri-Food Can.,Winnipeg,MB
- C&M Seeds - 07/1998, 4792. Full Registration for Canada.
- 5 *CDC Bounty*;HRS: Katepwa//Manitou*6/T.speltoides/3/Kenyon - Univ. of Saskatchewan;
Crop Development Centre - Advantage Seed Growers & Processors Inc.
- 5065 Regional Registration for all provinces except P.Q. and ON.
- 6 *B89-6-28-883*;HRS-a: ROBLIN/BLUESKY/3/MAX/COTEAU//BLUESKY - J.P. Dubuc,
Agriculture & Agri-Food Canada, Ste.Foy, PQ - Ridgetown
College, Univ. of Guelph/Agriculture and Agri-Food Canada
- Registration Pending.
- 7 *WENDELL hrs*;HRS-a N94-0105 - Sinton/Olaf//Oslo/3/Guard/4/Norseman/Coteau -
AGRIPRO - W.G.Thompson & Sons Ltd.- Reg.# 5412 - Regional
Registraion for Nfld, PEI, NS, NB, ON and BC.
- 8 *SS Fundy*;EFS H770.87 - Timmo/Max - Cooperative federee de Quebec - 1993,
National Registration.
- 9 *TORKA*;HRS CFB 97633 - Cooperative federee de Quebec -2002, Regional
Registration for Nfld, PEI, NS, NB, PQ, ON.

* 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 TRIALS; SPRING WHEAT 2003

DESCRIPTION OF VARIETIES/LINES TESTED

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

- 10*AC BARRIE;HRS BW661 - Agriculture & Agri-Food Canada, Swift Current - SeCan Assoc. - Full National Registration - PBR protected.
- 11*SUPERB;HRS-a BW252 - Agriculture & Agri-Food Canada, Winnipeg - SeCan Assoc. - Full National Registration
- 12 606;HRS-a CM2023/97606-Kent/B564//SO/3/Kent/2*B564//Sap/4/Hege312-75-262/Chat'S' ACS-PZO - C & M Seeds - 03/2002, 5427, Regional Registration for Nfld, NS, NB, PEI, ON.
- 13 W94194;HRS-a CDC Teal/ND640 (Columbus/Butte) - Pierre Hucl - Crop Development Centre, Saskatchewan - Hyland Seeds, W.G.Thompson & Sons Ltd. Registration pending.
- 14 CFB 97626;HRS-a Cooperative federee de Quebec - supported for Regional Registration for Eastern Canada in 2002.
- 15 QW628:5;EFS-a Flickers/Ankra/2/AC Brio - J.P.Dubuc, AAFC Ste.Foy, PQ - W.G. Thompson & Sons - Registration pending.
- 16 B89:5:52:1059;HRS BLUESKY/ROBLIN/3/MAX/COTEAU//BLUESKY - J.P. Dubuc, Agriculture & Agri-Food Canada, Ste.Foy, PQ - Arend Smid, Ridgetown College, Univ. of Guelph - C & M Seeds - Registration pending.
- 17 B89:12:51:1248;HRS-a MAX/PT742//BLUESKY/3/MAX/COTEAU//BLUESKY - J.P. Dubuc, Agriculture & Agri-Food Canada, Ste.Foy, PQ - Arend Smid, Ridgetown College, Univ. of Guelph - C & M Seeds - Registration pending.
- 18 ALSEN;HRS-a BW316 - ND674//ND2710/ND688 -North Dakota State Univ.- C & M Seeds - 03/2002, I-287, Interim National Registration.
- 19 HY644;EFS A16//A*4/BgBSR/3/Sceptre/Ning - AAFC; Winnipeg - C & M Seeds - Registration pending.
- 20 CM2032;HRS TG3S/B58-664HCH - Dr. Peter Franck, ACS-PZO - C & M Seeds - Registration pending.
- 21 W98095; Grandin/SD3055 - Pierre Hucl - Crop Development Centre, Saskatchewan - W.G. Thompson & Sons, Hyland Seeds.

* 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 2003

LOCATIONS REPORTING YIELD IN EACH AREA FROM 1997 TO 2003

AREA II:

1997: Winthrop, Elora, Harriston.
1998: Winthrop, Elora, Harriston.
1999: Winthrop, Elora, Harriston.
2000: Winthrop, Elora, Harriston.
2001: Monkton, Elora, Palmerston.
2002: Monkton, Elora, Palmerston.
2003: Monkton, Elora, Palmerston.

AREA III:

1997: Kemptville, Ottawa.
1998: Kemptville, Ottawa.
1999: Winchester, Ottawa, Beachburg (unofficial site).
2000: Winchester, Ottawa, Beachburg (unofficial site),
St. Isidore (unofficial site).
2001: Winchester, Ottawa, Beachburg (unofficial site),
St. Isidore (unofficial site).
2002: Winchester, Ottawa, Beachburg (unofficial site),
St. Isidore (unofficial site).
2003: Winchester, Ottawa, St. Isidore (unofficial site).

AREA V:

1997: New Liskeard.
1998: New Liskeard.
1999: New Liskeard.
2000: New Liskeard, Emo (unofficial site).
2001: Verner (unofficial site).
2002: New Liskeard, Verner (unofficial site).
2003: New Liskeard, Emo (unofficial site),
Verner (unofficial site), Thunder Bay (unofficial site).

AREA VI:

2000: Kapuskasing (unofficial site).
2001: Kapuskasing (unofficial site).
2002: Kapuskasing (unofficial site).

ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD

YEAR(S): 1997-2003

KEY NAME	AREA II (21)*	AREA III (22)	AREA V&VI(15)+	PROV. (58)**
1 CELTIC	95.5	94.2	96.8	95.3
2 QUANTUM	115.4	104.7	102.3	107.9
3 AC BRIO	92.2	104.0	101.2	99.0
4 AC TAHO	96.9	97.2	99.6	97.7
OVERALL MEAN	3.64	4.09	4.45	4.02

YEAR(S): 2001-2003

KEY NAME	AREA II (9)*	AREA III (11)	AREA V&VI(9)	PROV. (29)**
1 CELTIC	100.1	95.0	94.4	96.4
2 QUANTUM	114.1	105.8	100.5	106.7
3 AC BRIO	97.4	105.9	99.7	101.3
4 AC TAHO	99.2	95.9	97.5	97.4
6 B89:6:28:883	103.6	91.0	95.8	96.4
7 WENDELL	98.5	97.6	100.5	98.8
8 SS FUNDY	96.8	105.3	107.3	103.3
9 TORKA	90.4	103.6	104.4	99.8
OVERALL MEAN	4.12	4.73	4.49	4.47

YEAR(S): 2002-2003

KEY NAME	AREA II (6)*	AREA III (7)	AREA V&VI(7)	PROV. (20)**
1 CELTIC	97.8	94.8	92.6	94.9
2 QUANTUM	112.1	108.4	99.8	106.5
3 AC BRIO	98.5	107.4	98.7	101.7
4 AC TAHO	100.1	96.5	95.4	97.2
6 B89:6:28:883	104.2	95.9	96.8	98.7
7 WENDELL	94.2	94.8	98.9	96.1
8 SS FUNDY	91.5	99.2	104.5	98.7
9 TORKA	81.2	98.9	101.8	94.6
10 AC BARRIE	91.2	99.5	93.4	94.9
11 SUPERB	106.7	104.7	102.1	104.4
12 606	102.9	97.1	99.6	99.7
13 W94194	96.9	94.4	97.4	96.2
14 CFB 97626	96.5	90.4	93.5	93.3
15 QW628:5	118.1	119.3	131.3	123.1
16 B89:5:52:1059	102.7	98.6	100.2	100.4
17 B89:12:51:1248	108.9	101.8	102.8	104.3
18 ALSEN	96.5	98.4	91.3	95.3
OVERALL MEAN	3.94	4.93	4.76	4.57

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD
YEAR: 2003

KEY NAME	AREA II (3)*	AREA III (3)	AREA V&VI(4)	PROV. (10)**
1 CELTIC	92.9	97.6	88.3	92.5
2 QUANTUM	118.5	117.8	108.3	114.2
3 AC BRIO	98.7	109.0	99.2	102.0
4 AC TAHO	101.2	91.8	96.4	96.5
5 CDC BOUNTY	89.9	78.9	88.4	86.0
6 B89:6:28:883	105.0	98.5	104.4	102.8
7 WENDELL	86.6	88.0	97.4	91.3
8 SS FUNDY	93.5	89.7	107.5	98.0
9 TORKA	79.5	91.9	99.2	91.1
10 AC BARRIE	93.0	107.5	91.4	96.7
11 SUPERB	105.2	108.2	98.6	103.5
12 606	99.0	103.6	104.1	102.4
13 W94194	92.3	89.3	95.3	92.6
14 CFB 97626	94.9	80.8	88.3	88.0
15 QW628:5	113.2	118.0	140.3	125.5
16 B89:5:52:1059	102.7	99.6	104.4	102.5
17 B89:12:51:1248	114.2	105.8	111.9	110.8
18 ALSEN	101.3	104.7	88.0	97.0
19 HY644	87.0	99.3	90.8	92.2
20 CM2032	115.7	107.3	98.2	106.2
21 W98095	115.8	112.7	99.4	108.3
OVERALL MEAN	3.49	4.36	4.78	4.27

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD
 YEAR(S): 1997-2001
 AREA(S): 2- 6

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WP97N	EA97N	HN97N	KE97N	O197N	NL97N	WP98N	EA98N	HN98N	KE98N
1 CELTIC	102	95	95	88	92	106	88	95	104	65
2 QUANTUM	111	117	113	105	107	100	123	131	117	111
3 AC BRIO	98	91	92	109	101	95	96	74	84	103
4 AC TAHO	89	97	99	98	101	99	93	100	95	121
LOCATION MEAN	3.69	3.98	3.41	5.14	3.20	2.94	1.79	2.43	2.19	2.06

KEY NAME	O198N	NL98N	WP99N	EA99N	HN99N	BG99N	O199N	WR99N	NL99N	WPOON
1 CELTIC	93	98	89	94	99	95	93	97	103	90
2 QUANTUM	107	96	122	106	122	100	113	107	99	113
3 AC BRIO	110	104	88	100	84	108	104	101	99	97
4 AC TAHO	90	102	101	100	94	96	90	95	99	99
LOCATION MEAN	2.07	4.30	3.12	4.99	3.88	3.70	3.32	5.15	4.91	2.70

KEY NAME	EAOON	HNOON	O100N	BGOON	SIOON	WROON	NLOON	EOOON	KGOON
1 CELTIC	86	87	111	100	96	105	89	102	88
2 QUANTUM	105	142	112	103	88	96	112	98	108
3 AC BRIO	104	77	89	97	107	101	101	101	104
4 AC TAHO	105	95	88	101	109	98	99	99	100
LOCATION MEAN	3.57	2.79	3.01	2.67	4.84	2.37	5.46	4.86	4.59

KEY NAME	MK01N	EA01N	PN01N	WR01N	BG01N	O101N	SIO1N	VR01N	KGO1N
1 CELTIC	97	100	102	102	88	90	98	95	97
2 QUANTUM	107	117	112	106	102	100	92	98	98
3 AC BRIO	95	90	85	103	98	95	113	100	95
4 AC TAHO	96	84	96	97	93	94	91	100	99
6 B89:6:28:88	94	102	94	78	86	78	83	94	80
7 WENDELL hrs	110	94	103	96	101	108	102	106	96
8 SS FUNDY	101	109	98	113	126	114	107	106	119
9 TORKA	101	103	109	106	105	120	114	100	117
LOCATION MEAN	4.44	4.98	4.64	5.59	3.95	3.86	4.20	2.71	4.91

ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD
 YEAR : 2002-2003
 AREA(S): 2- 6

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	MK02N	EA02N	PN02N	BG02N	WR02N	O102N	SI02N	NL02N	VR02N	KG02N
1 CELTIC	101	110	97	88	93	97	93	95	108	97
2 QUANTUM	112	107	97	95	108	103	100	89	88	94
3 AC BRIO	91	100	103	111	101	103	110	102	89	109
4 AC TAHO	93	103	98	101	103	100	96	97	92	98
6 B89:6:28:88	109	108	91	83	104	95	95	84	98	83
7 WENDELL hrs	102	101	102	97	101	101	101	106	106	96
8 SS FUNDY	92	79	96	112	105	108	101	105	86	116
9 TORKA	81	71	96	108	99	107	103	95	107	119
10 AC BARRIE	84	90	93	93	94	92	96	99	104	89
11 SUPERB	111	108	104	106	94	106	102	115	103	108
12 606	120	97	101	89	99	92	90	98	98	89
13 W94194	100	99	104	108	93	94	98	106	101	99
14 CFB 97626	102	92	99	100	91	92	108	100	108	98
15 QW628:5	113	128	126	119	128	120	115	126	126	114
16 B89:5:52:10	96	106	104	97	102	93	100	92	97	100
17 B89:12:51:1	102	107	101	95	95	104	102	91	91	96
18 ALSEN	91	95	87	99	90	95	91	99	98	95
LOCATION MEAN	3.87	4.44	4.89	3.76	6.00	6.37	5.31	5.02	4.68	4.22

KEY NAME	MK03N	EA03N	PN03N	WR03N	O103N	SI03N	NL03N	VR03N	TB03N	EO03N
1 CELTIC	86	93	100	97	91	104	71	88	88	105
2 QUANTUM	124	123	108	114	110	129	112	99	106	117
3 AC BRIO	89	105	102	112	100	115	109	95	99	95
4 AC TAHO	108	96	101	99	82	95	98	96	103	88
5 CDC BOUNTY	100	79	91	87	71	79	81	96	96	79
6 B89:6:28:88	105	113	97	103	98	95	116	105	102	95
7 WENDELL hrs	81	77	101	87	101	76	92	102	93	103
8 SS FUNDY	100	83	97	95	98	76	104	106	114	106
9 TORKA	70	79	90	88	100	87	81	113	99	103
10 AC BARRIE	101	84	93	103	102	118	87	90	99	89
11 SUPERB	106	107	103	102	111	111	104	101	99	90
12 606	99	105	93	98	110	102	100	104	99	113
13 W94194	89	97	90	87	96	85	111	90	98	82
14 CFB 97626	97	86	101	90	86	66	79	93	85	96
15 QW628:5	120	108	111	110	123	122	163	121	124	154
16 B89:5:52:10	101	103	104	104	101	94	107	100	109	102
17 B89:12:51:1	112	119	111	105	104	109	121	119	106	101
18 ALSEN	97	113	94	99	107	108	93	89	80	90
19 HY644	91	81	89	102	105	91	99	86	93	86
20 CM2032	116	119	112	107	103	112	73	108	108	104
21 W98095	109	128	111	111	100	127	98	99	100	100
LOCATION MEAN	3.08	3.51	3.88	5.17	3.78	4.13	4.70	4.08	6.35	3.99

ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

TRAIT : YIELD

YEAR(S): 1997-2003

KEY NAME	AREA II (21)*	AREA III (22)	AREA V&VI(15)	PROV. (58)**
1 CELTIC	3.50	3.86	4.28	3.84
2 QUANTUM	4.15	4.27	4.56	4.30
3 AC BRIO	3.39	4.26	4.51	4.01
4 AC TAHO	3.53	3.96	4.43	3.93
OVERALL MEAN	3.64	4.09	4.45	4.02

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II (21)*	AREA III (22)	AREA V&VI(15)	PROV. (58)**
1 CELTIC	95.5	94.2	96.8	95.3
2 QUANTUM	115.4	104.7	102.3	107.9
3 AC BRIO	92.2	104.0	101.2	99.0
4 AC TAHO	96.9	97.2	99.6	97.7
OVERALL MEAN	3.64	4.09	4.45	4.02

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

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ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

YEAR(S): 1997-2003
AREA : 2

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	%	0-9	0-9	0-9	*
1 CELTIC	3	3.50	74.2	37	1.4	85	56	3.7	1.5	3.9	1.8	20.9	.	1.0	0.0	90
2 QUANTUM	1	4.15	75.9	41	0.8	89	55	0.2	3.6	3.8	1.2	14.4	.	1.8	0.0	85
3 AC BRIO	4	3.39	73.8	36	1.4	97	58	5.2	3.0	5.1	3.2	16.2	.	1.5	1.0	88
4 AC TAHO	2	3.53	72.6	34	1.6	95	57	3.4	0.5	4.7	2.5	20.6	.	1.7	0.0	87
LOCATIONS		21	20	18	10	21	21	16	9	9	2	6	0	3	1	3

YEAR(S): 1997-2003
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	4	3.86	78.2	36	2.4	79	53	.	2.3	.	.	20.1	.	.	.	85
2 QUANTUM	1	4.27	79.1	40	1.5	80	51	.	5.0	.	.	15.1	.	.	.	83
3 AC BRIO	2	4.26	78.7	39	3.0	91	54	.	4.3	.	.	17.5	.	.	.	85
4 AC TAHO	3	3.96	76.5	35	2.5	87	53	.	2.0	.	.	20.1	.	.	.	84
LOCATIONS		22	22	22	10	17	16	0	1	0	0	2	0	0	0	2

YEAR(S): 1997-2003
AREA(S): 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	4	4.28	75.1	36	1.3	83	56	.	0.0	0.0	.	.	.	0.5	0.0	106
2 QUANTUM	1	4.56	76.3	40	0.8	83	55	.	0.0	0.5	.	.	.	0.0	0.0	104
3 AC BRIO	2	4.51	75.4	38	0.9	96	57	.	4.0	0.0	.	.	.	0.0	0.5	106
4 AC TAHO	3	4.43	73.1	33	1.7	92	56	.	0.0	0.0	.	.	.	1.5	0.0	105
LOCATIONS		15	15	15	7	15	8	0	1	1	0	0	0	1	1	11

YEAR(S): 1997-2003
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	4	3.84	76.0	36	1.7	82	55	3.7	1.4	3.5	1.8	20.7	.	0.9	0.0	100
2 QUANTUM	1	4.30	77.2	40	1.0	85	54	0.2	3.4	3.5	1.2	14.6	.	1.4	0.0	98
3 AC BRIO	2	4.01	76.1	38	1.9	94	56	5.2	3.2	4.6	3.2	16.5	.	1.1	0.8	100
4 AC TAHO	3	3.93	74.3	34	2.0	92	55	3.4	0.6	4.2	2.5	20.5	.	1.6	0.0	99
LOCATIONS		58	57	55	27	53	45	16	11	10	2	8	0	4	2	16

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

ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

TRAIT : YIELD

YEAR(S): 2001-2003

KEY NAME	AREA II (9)*	AREA III (11)	AREA V&VI(9)	PROV. (29)**
1 CELTIC	4.14	4.50	4.22	4.30
2 QUANTUM	4.66	5.00	4.52	4.74
3 AC BRIO	4.00	5.00	4.48	4.53
4 AC TAHO	4.05	4.56	4.39	4.35
6 B89:6:28:883	4.23	4.33	4.31	4.29
7 WENDELL	4.10	4.61	4.49	4.41
8 SS FUNDY	4.00	4.97	4.84	4.63
9 TORKA	3.79	4.88	4.68	4.48
OVERALL MEAN	4.12	4.73	4.49	4.47

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II (9)*	AREA III (11)	AREA V&VI(9)	PROV. (29)**
1 CELTIC	100.1	95.0	94.4	96.4
2 QUANTUM	114.1	105.8	100.5	106.7
3 AC BRIO	97.4	105.9	99.7	101.3
4 AC TAHO	99.2	95.9	97.5	97.4
6 B89:6:28:883	103.6	91.0	95.8	96.4
7 WENDELL	98.5	97.6	100.5	98.8
8 SS FUNDY	96.8	105.3	107.3	103.3
9 TORKA	90.4	103.6	104.4	99.8
OVERALL MEAN	4.12	4.73	4.49	4.47

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

YEAR(S): 2001-2003

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	4.14	75.4	39	1.4	89	58	4.2	2.2	4.8	1.5	17.6	.	0.6	.	95
2 QUANTUM	1	4.66	77.1	42	0.5	91	57	0.1	4.0	5.5	0.5	15.2	.	1.4	.	90
3 AC BRIO	6	4.00	74.9	39	1.5	100	59	6.0	4.3	5.9	1.0	17.3	.	0.5	.	92
4 AC TAHO	5	4.05	73.7	35	2.0	99	58	4.0	0.5	6.1	1.0	18.4	.	0.5	.	90
6 B89:6:28:883	2	4.23	79.1	39	1.2	99	56	1.5	1.0	5.3	2.0	14.9	.	1.4	.	92
7 WENDELL hrs-a	4	4.10	73.0	30	1.4	87	61	3.7	1.1	4.2	0.5	18.1	.	0.7	.	93
8 SS FUNDY	6	4.00	72.1	29	1.2	99	62	0.2	6.1	5.2	0.5	27.1	.	0.2	.	94
9 TORKA	8	3.79	68.4	31	1.6	102	66	0.1	3.8	4.4	1.3	32.6	.	0.0	.	98
LOCATIONS		9	9	7	5	9	9	6	5	4	0	3	0	1	0	1

YEAR(S): 2001-2003

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	7	4.50	79.3	40	1.3	80	52	.	.	.	.	.	.	.	.	.
2 QUANTUM	1	5.00	79.9	43	1.1	81	51	.	.	.	.	.	.	.	.	.
3 AC BRIO	1	5.00	79.5	42	1.7	93	53	.	.	.	.	.	.	.	.	.
4 AC TAHO	6	4.56	77.2	37	1.7	89	53	.	.	.	.	.	.	.	.	.
6 B89:6:28:883	8	4.33	80.6	39	1.5	91	51	.	.	.	.	.	.	.	.	.
7 WENDELL hrs-a	5	4.61	78.3	32	1.2	79	55	.	.	.	.	.	.	.	.	.
8 SS FUNDY	3	4.97	78.5	35	1.2	89	56	.	.	.	.	.	.	.	.	.
9 TORKA	4	4.88	77.5	37	2.3	97	58	.	.	.	.	.	.	.	.	.
LOCATIONS		11	11	11	5	9	7	0	0	0	0	0	0	0	0	0

YEAR(S): 2001-2003

AREA(S): 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	4.22	74.6	36	1.3	82	54	.	.	.	.	.	.	.	.	99
2 QUANTUM	3	4.52	76.1	40	0.8	81	53	.	.	.	.	.	.	.	.	98
3 AC BRIO	5	4.48	75.3	39	1.4	93	55	.	.	.	.	.	.	.	.	99
4 AC TAHO	6	4.39	72.7	34	2.0	88	54	.	.	.	.	.	.	.	.	99
6 B89:6:28:883	7	4.31	77.7	37	1.0	89	53	.	.	.	.	.	.	.	.	99
7 WENDELL hrs-a	4	4.49	74.3	32	1.3	81	56	.	.	.	.	.	.	.	.	100
8 SS FUNDY	1	4.84	73.9	32	1.0	90	58	.	.	.	.	.	.	.	.	101
9 TORKA	2	4.68	73.0	34	1.9	95	59	.	.	.	.	.	.	.	.	102
LOCATIONS		9	9	9	3	9	4	0	0	0	0	0	0	0	0	5

YEAR(S): 2001-2003

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	7	4.30	76.6	38	1.4	83	55	4.2	2.2	4.8	1.5	17.6	.	0.6	.	98
2 QUANTUM	1	4.74	77.9	42	0.8	84	54	0.1	4.0	5.5	0.5	15.2	.	1.4	.	97
3 AC BRIO	3	4.53	76.8	40	1.6	95	56	6.0	4.3	5.9	1.0	17.3	.	0.5	.	98
4 AC TAHO	6	4.35	74.7	35	1.9	92	55	4.0	0.5	6.1	1.0	18.4	.	0.5	.	97
6 B89:6:28:883	8	4.29	79.2	38	1.3	93	54	1.5	1.0	5.3	2.0	14.9	.	1.4	.	98
7 WENDELL hrs-a	5	4.41	75.4	32	1.3	83	58	3.7	1.1	4.2	0.5	18.1	.	0.7	.	99
8 SS FUNDY	2	4.63	75.1	32	1.1	93	59	0.2	6.1	5.2	0.5	27.1	.	0.2	.	100
9 TORKA	4	4.48	73.3	35	1.9	98	62	0.1	3.8	4.4	1.3	32.6	.	0.0	.	102
LOCATIONS		29	29	27	13	27	20	6	5	4	1	3	0	1	0	6

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

TRAIT : YIELD

YEAR(S): 2002-2003

KEY NAME	AREA II (6)*	AREA III (7)	AREA V&VI(7)	PROV. (20)**
1 CELTIC	3.88	4.68	4.38	4.33
2 QUANTUM	4.36	5.33	4.75	4.83
3 AC BRIO	3.89	5.27	4.70	4.66
4 AC TAHO	3.93	4.80	4.56	4.45
6 B89:6:28:883	4.07	4.76	4.62	4.51
7 WENDELL	3.76	4.71	4.69	4.41
8 SS FUNDY	3.59	4.93	4.98	4.55
9 TORKA	3.23	4.89	4.81	4.36
10 AC BARRIE	3.58	4.87	4.47	4.34
11 SUPERB	4.20	5.13	4.86	4.75
12 606	4.04	4.76	4.72	4.53
13 W94194	3.84	4.64	4.66	4.40
14 CFB 97626	3.80	4.49	4.42	4.26
15 QW628:5	4.67	5.88	6.23	5.64
16 B89:5:52:1059	4.05	4.86	4.78	4.59
17 B89:12:51:1248	4.26	5.01	4.89	4.74
18 ALSEN	3.77	4.80	4.32	4.32
OVERALL MEAN	3.94	4.93	4.76	4.57

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II (6)*	AREA III (7)	AREA V&VI(7)	PROV. (20)**
1 CELTIC	97.8	94.8	92.6	94.9
2 QUANTUM	112.1	108.4	99.8	106.5
3 AC BRIO	98.5	107.4	98.7	101.7
4 AC TAHO	100.1	96.5	95.4	97.2
6 B89:6:28:883	104.2	95.9	96.8	98.7
7 WENDELL	94.2	94.8	98.9	96.1
8 SS FUNDY	91.5	99.2	104.5	98.7
9 TORKA	81.2	98.9	101.8	94.6
10 AC BARRIE	91.2	99.5	93.4	94.9
11 SUPERB	106.7	104.7	102.1	104.4
12 606	102.9	97.1	99.6	99.7
13 W94194	96.9	94.4	97.4	96.2
14 CFB 97626	96.5	90.4	93.5	93.3
15 QW628:5	118.1	119.3	131.3	123.1
16 B89:5:52:1059	102.7	98.6	100.2	100.4
17 B89:12:51:1248	108.9	101.8	102.8	104.3
18 ALSEN	96.5	98.4	91.3	95.3
OVERALL MEAN	3.94	4.93	4.76	4.57

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

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ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

YEAR(S): 2002-2003
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	10 3.88	74.7	37	1.8	87	58	4.1	3.2	5.3	1.5	17.0	.	0.6	.	95
2 QUANTUM	2 4.36	76.8	40	0.3	89	57	0.1	3.1	6.1	0.5	18.4	.	1.4	.	90
3 AC BRIO	9 3.89	74.2	37	1.4	99	59	6.0	4.7	6.3	1.0	22.0	.	0.5	.	92
4 AC TAHO	8 3.93	73.0	33	1.8	97	58	3.8	0.7	5.8	1.0	20.5	.	0.5	.	90
6 B89:6:28:883	5 4.07	79.0	38	1.3	96	56	0.5	1.3	5.6	2.0	15.3	.	1.4	.	92
7 WENDELL hrs-a	14 3.76	71.8	29	1.6	85	61	3.3	1.5	4.6	0.5	22.2	.	0.7	.	93
8 SS FUNDY	15 3.59	70.6	25	0.9	98	62	0.4	6.0	5.4	0.5	36.1	.	0.2	.	94
9 TORKA	17 3.23	66.8	29	1.4	99	65	0.3	3.3	4.8	1.3	46.4	.	0.0	.	98
10 AC BARRIE	16 3.58	74.7	33	0.4	97	59	6.8	4.7	6.3	1.0	9.1	.	0.3	.	91
11 SUPERB	4 4.20	75.9	41	0.4	91	58	1.8	2.3	5.7	0.5	18.4	.	0.6	.	93
12 606(CM2023)	7 4.04	78.5	31	0.3	83	60	0.3	2.1	5.1	1.8	28.9	.	0.7	.	93
13 W94194	11 3.84	75.3	31	1.1	100	62	0.9	1.8	5.3	0.5	47.5	.	0.2	.	93
14 CFB 97626	12 3.80	73.7	27	0.3	82	62	0.4	1.3	4.5	1.0	18.4	.	0.5	.	94
15 QW628:5	1 4.67	73.6	40	3.0	106	61	0.2	1.3	4.9	1.5	27.2	.	0.4	.	95
16 B89:5:52:1059	6 4.05	74.4	38	3.5	99	58	1.3	2.4	5.5	1.3	22.2	.	0.2	.	89
17 B89:12:51:1248	3 4.26	78.2	35	1.8	97	57	0.7	1.3	5.8	1.0	16.6	.	0.1	.	92
18 ALSEN	13 3.77	77.9	35	0.4	84	57	1.2	1.1	5.6	0.3	10.3	.	0.4	.	93
LOCATIONS	6	6	4	3	6	6	3	3	3	1	2	0	1	0	1

YEAR(S): 2002-2003
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	15 4.68	77.7	38	1.4	80	52	.	.	.	.	.	.	.	.	.
2 QUANTUM	2 5.33	78.5	42	1.1	80	51	.	.	.	.	.	.	.	.	.
3 AC BRIO	3 5.27	77.6	40	1.9	92	53	.	.	.	.	.	.	.	.	.
4 AC TAHO	10 4.80	75.2	36	1.7	87	53	.	.	.	.	.	.	.	.	.
6 B89:6:28:883	12 4.76	79.4	38	1.5	90	51	.	.	.	.	.	.	.	.	.
7 WENDELL hrs-a	14 4.71	76.4	32	1.3	79	55	.	.	.	.	.	.	.	.	.
8 SS FUNDY	6 4.93	76.4	33	1.3	88	56	.	.	.	.	.	.	.	.	.
9 TORKA	7 4.89	75.6	36	2.6	95	59	.	.	.	.	.	.	.	.	.
10 AC BARRIE	8 4.87	77.5	37	2.2	88	53	.	.	.	.	.	.	.	.	.
11 SUPERB	4 5.13	78.1	40	1.3	87	52	.	.	.	.	.	.	.	.	.
12 606(CM2023)	12 4.76	80.3	33	1.0	74	54	.	.	.	.	.	.	.	.	.
13 W94194	16 4.64	77.6	35	1.9	91	55	.	.	.	.	.	.	.	.	.
14 CFB 97626	17 4.49	76.8	30	1.0	75	57	.	.	.	.	.	.	.	.	.
15 QW628:5	1 5.88	77.9	46	2.5	95	55	.	.	.	.	.	.	.	.	.
16 B89:5:52:1059	9 4.86	76.8	40	3.3	90	52	.	.	.	.	.	.	.	.	.
17 B89:12:51:1248	5 5.01	78.8	36	2.3	90	51	.	.	.	.	.	.	.	.	.
18 ALSEN	10 4.80	78.4	36	1.4	79	52	.	.	.	.	.	.	.	.	.
LOCATIONS	7	7	7	4	7	5	0	0	0	0	0	0	0	0	0

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

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ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

YEAR(S): 2002-2003
AREA(S): 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	16	4.38	73.9	35	1.5	84	54	.	.	.	.	.	.	.	.	98
2 QUANTUM	7	4.75	75.9	40	0.6	83	53	.	.	.	.	.	.	.	.	98
3 AC BRIO	9	4.70	75.0	39	1.6	95	55	.	.	.	.	.	.	.	.	98
4 AC TAHO	13	4.56	72.1	33	2.5	91	54	.	.	.	.	.	.	.	.	98
6 B89:6:28:883	12	4.62	77.8	36	1.0	92	53	.	.	.	.	.	.	.	.	98
7 WENDELL hrs-a	10	4.69	73.6	31	1.5	83	56	.	.	.	.	.	.	.	.	99
8 SS FUNDY	2	4.98	73.3	32	1.0	93	58	.	.	.	.	.	.	.	.	100
9 TORKA	5	4.81	72.5	33	2.4	97	59	.	.	.	.	.	.	.	.	102
10 AC BARRIE	14	4.47	74.3	36	1.6	92	54	.	.	.	.	.	.	.	.	97
11 SUPERB	4	4.86	76.3	39	2.3	87	54	.	.	.	.	.	.	.	.	98
12 606(CM2023)	8	4.72	76.3	31	0.5	76	56	.	.	.	.	.	.	.	.	99
13 W94194	11	4.66	77.3	36	2.2	95	57	.	.	.	.	.	.	.	.	99
14 CFB 97626	15	4.42	72.0	28	0.5	76	57	.	.	.	.	.	.	.	.	101
15 QW628:5	1	6.23	75.9	44	3.4	103	58	.	.	.	.	.	.	.	.	101
16 B89:5:52:1059	6	4.78	74.8	38	1.5	96	53	.	.	.	.	.	.	.	.	98
17 B89:12:51:1248	3	4.89	77.7	36	1.0	89	53	.	.	.	.	.	.	.	.	99
18 ALSEN	17	4.32	75.5	33	0.5	82	53	.	.	.	.	.	.	.	.	99
LOCATIONS		7	7	7	2	7	4	0	0	0	0	0	0	0	0	4

YEAR(S): 2002-2003
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	15	4.33	75.5	37	1.6	83	55	4.1	3.2	5.3	1.5	17.0	.	0.6	.	97
2 QUANTUM	2	4.83	77.1	41	0.7	84	54	0.1	3.1	6.1	0.5	18.4	.	1.4	.	96
3 AC BRIO	5	4.66	75.7	39	1.7	95	56	6.0	4.7	6.3	1.0	22.0	.	0.5	.	97
4 AC TAHO	10	4.45	73.5	34	1.9	91	55	3.8	0.7	5.8	1.0	20.5	.	0.5	.	96
6 B89:6:28:883	9	4.51	78.7	37	1.3	93	54	0.5	1.3	5.6	2.0	15.3	.	1.4	.	97
7 WENDELL hrs-a	11	4.41	74.1	31	1.4	82	58	3.3	1.5	4.6	0.5	22.2	.	0.7	.	98
8 SS FUNDY	7	4.55	73.6	31	1.1	93	59	0.4	6.0	5.4	0.5	36.1	.	0.2	.	99
9 TORKA	13	4.36	71.9	33	2.1	97	61	0.3	3.3	4.8	1.3	46.4	.	0.0	.	101
10 AC BARRIE	14	4.34	75.6	36	1.5	92	56	6.8	4.7	6.3	1.0	9.1	.	0.3	.	96
11 SUPERB	3	4.75	76.8	40	1.2	88	55	1.8	2.3	5.7	0.5	18.4	.	0.6	.	97
12 606(CM2023)	8	4.53	78.4	32	0.7	77	57	0.3	2.1	5.1	1.8	28.9	.	0.7	.	98
13 W94194	12	4.40	76.8	34	1.7	95	58	0.9	1.8	5.3	0.5	47.5	.	0.2	.	98
14 CFB 97626	17	4.26	74.2	29	0.7	78	59	0.4	1.3	4.5	1.0	18.4	.	0.5	.	99
15 QW628:5	1	5.64	75.9	44	2.9	101	58	0.2	1.3	4.9	1.5	27.2	.	0.4	.	99
16 B89:5:52:1059	6	4.59	75.4	39	3.0	95	54	1.3	2.4	5.5	1.3	22.2	.	0.2	.	96
17 B89:12:51:1248	4	4.74	78.2	36	1.9	92	54	0.7	1.3	5.8	1.0	16.6	.	0.1	.	97
18 ALSEN	16	4.32	77.2	35	0.9	82	54	1.2	1.1	5.6	0.3	10.3	.	0.4	.	98
LOCATIONS		20	20	18	9	20	15	3	3	3	1	2	0	1	0	5

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

ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

TRAIT : YIELD
YEAR: 2003

KEY NAME	AREA II (3)*	AREA III (3)	AREA V&VI(4)	PROV. (10)**
1 CELTIC	3.26	4.26	4.19	3.93
2 QUANTUM	4.11	5.13	5.16	4.84
3 AC BRIO	3.46	4.77	4.75	4.37
4 AC TAHO	3.52	4.04	4.65	4.13
5 CDC BOUNTY	3.12	3.48	4.26	3.68
6 B89:6:28:883	3.65	4.31	5.00	4.39
7 WENDELL	3.05	3.82	4.62	3.91
8 SS FUNDY	3.26	3.92	5.17	4.22
9 TORKA	2.80	3.98	4.72	3.92
10 AC BARRIE	3.23	4.67	4.41	4.14
11 SUPERB	3.67	4.69	4.73	4.40
12 606	3.45	4.49	4.94	4.36
13 W94194	3.22	3.88	4.60	3.97
14 CFB 97626	3.32	3.55	4.19	3.73
15 QW628:5	3.94	5.11	6.64	5.37
16 B89:5:52:1059	3.59	4.35	5.02	4.39
17 B89:12:51:1248	3.98	4.61	5.34	4.71
18 ALSEN	3.53	4.54	4.17	4.09
19 HY644	3.03	4.33	4.36	3.95
20 CM2032	4.03	4.68	4.71	4.50
21 W98095	4.05	4.92	4.75	4.59
OVERALL MEAN	3.49	4.36	4.78	4.27

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II (3)*	AREA III (3)	AREA V&VI(4)	PROV. (10)**
1 CELTIC	92.9	97.6	88.3	92.5
2 QUANTUM	118.5	117.8	108.3	114.2
3 AC BRIO	98.7	109.0	99.2	102.0
4 AC TAHO	101.2	91.8	96.4	96.5
5 CDC BOUNTY	89.9	78.9	88.4	86.0
6 B89:6:28:883	105.0	98.5	104.4	102.8
7 WENDELL	86.6	88.0	97.4	91.3
8 SS FUNDY	93.5	89.7	107.5	98.0
9 TORKA	79.5	91.9	99.2	91.1
10 AC BARRIE	93.0	107.5	91.4	96.7
11 SUPERB	105.2	108.2	98.6	103.5
12 606	99.0	103.6	104.1	102.4
13 W94194	92.3	89.3	95.3	92.6
14 CFB 97626	94.9	80.8	88.3	88.0
15 QW628:5	113.2	118.0	140.3	125.5
16 B89:5:52:1059	102.7	99.6	104.4	102.5
17 B89:12:51:1248	114.2	105.8	111.9	110.8
18 ALSEN	101.3	104.7	88.0	97.0
19 HY644	87.0	99.3	90.8	92.2
20 CM2032	115.7	107.3	98.2	106.2
21 W98095	115.8	112.7	99.4	108.3
OVERALL MEAN	3.49	4.36	4.78	4.27

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

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ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

YEAR : 2003
AREA : 2

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	%	0-9	0-9	0-9	*
1 CELTIC	14	3.26	75.3	35	0.0	89	59	4.4	3.0	6.0	1.5	17.0	.	0.6	.	.
2 QUANTUM	1	4.11	78.4	39	0.0	93	60	0.2	3.3	6.6	0.5	18.4	.	1.4	.	.
3 AC BRIO	11	3.46	75.3	36	0.0	101	60	5.4	6.7	6.9	1.0	22.0	.	0.5	.	.
4 AC TAHO	10	3.52	74.4	33	0.0	96	60	4.0	0.0	5.9	1.0	20.5	.	0.5	.	.
5 CDC BOUNTY	18	3.12	74.6	34	2.0	99	60	4.3	2.3	5.4	0.5	25.9	.	0.6	.	.
6 B89:6:28:883	7	3.65	79.9	37	0.3	96	58	0.8	1.0	6.1	2.0	15.3	.	1.4	.	.
7 WENDELL hrs-a	19	3.05	71.3	26	0.0	87	62	3.5	2.0	5.2	0.5	22.2	.	0.7	.	.
8 SS FUNDY	14	3.26	71.2	25	0.5	98	63	0.6	7.7	5.9	0.5	36.1	.	0.2	.	.
9 TORKA	21	2.80	65.3	29	2.3	101	67	0.4	4.0	5.0	1.3	46.4	.	0.0	.	.
10 AC BARRIE	16	3.23	77.1	33	0.0	97	61	6.5	6.0	6.8	1.0	9.1	.	0.3	.	.
11 SUPERB	6	3.67	77.7	38	0.3	92	60	1.9	4.0	6.2	0.5	18.4	.	0.6	.	.
12 606(CM2023)	12	3.45	78.1	29	0.0	85	62	0.5	2.0	5.7	1.8	28.9	.	0.7	.	.
13 W94194	17	3.22	75.3	29	1.5	100	62	1.1	2.3	6.0	0.5	47.5	.	0.2	.	.
14 CFB 97626	13	3.32	72.5	24	0.0	85	63	0.6	2.0	4.8	1.0	18.4	.	0.5	.	.
15 QW628:5	5	3.94	73.2	39	2.8	102	62	0.2	1.0	5.4	1.5	27.2	.	0.4	.	.
16 B89:5:52:1059	8	3.59	74.7	36	3.0	97	60	1.9	1.7	6.2	1.3	22.2	.	0.2	.	.
17 B89:12:51:1248	4	3.98	79.4	34	0.5	96	59	1.0	1.0	6.2	1.0	16.6	.	0.1	.	.
18 ALSEN	9	3.53	79.4	33	0.3	88	59	1.8	1.0	5.8	0.3	10.3	.	0.4	.	.
19 HY644	20	3.03	71.6	31	0.0	88	63	4.7	2.0	5.5	1.0	7.8	.	0.0	.	.
20 CM2032	3	4.03	77.1	32	0.0	86	61	0.0	2.0	4.8	0.5	23.4	.	0.2	.	.
21 W98095	2	4.05	78.1	40	0.0	91	57	4.0	4.0	7.2	1.3	17.0	.	0.7	.	.
LOCATIONS		3	3	2	1	3	3	2	1	2	1	2	0	1	0	0

YEAR : 2003
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	14	4.26	77.6	38	1.0	84	50	.	.	.	.	.	.	.	.	.
2 QUANTUM	1	5.13	78.2	43	1.0	84	50	.	.	.	.	.	.	.	.	.
3 AC BRIO	4	4.77	77.5	41	2.5	96	51	.	.	.	.	.	.	.	.	.
4 AC TAHO	15	4.04	75.7	37	1.5	90	51	.	.	.	.	.	.	.	.	.
5 CDC BOUNTY	21	3.48	77.5	37	2.8	94	51	.	.	.	.	.	.	.	.	.
6 B89:6:28:883	13	4.31	79.7	39	2.0	93	50	.	.	.	.	.	.	.	.	.
7 WENDELL hrs-a	19	3.82	75.2	31	1.0	80	53	.	.	.	.	.	.	.	.	.
8 SS FUNDY	17	3.92	74.8	32	1.5	89	54	.	.	.	.	.	.	.	.	.
9 TORKA	16	3.98	74.7	34	1.5	96	57	.	.	.	.	.	.	.	.	.
10 AC BARRIE	7	4.67	77.5	38	1.5	93	50	.	.	.	.	.	.	.	.	.
11 SUPERB	5	4.69	77.6	41	1.5	88	50	.	.	.	.	.	.	.	.	.
12 606(CM2023)	10	4.49	80.1	33	1.0	79	52	.	.	.	.	.	.	.	.	.
13 W94194	18	3.88	76.7	33	3.0	92	54	.	.	.	.	.	.	.	.	.
14 CFB 97626	20	3.55	76.1	29	1.0	76	54	.	.	.	.	.	.	.	.	.
15 QW628:5	2	5.11	77.5	44	3.8	96	54	.	.	.	.	.	.	.	.	.
16 B89:5:52:1059	11	4.35	76.7	40	4.3	92	50	.	.	.	.	.	.	.	.	.
17 B89:12:51:1248	8	4.61	79.5	37	2.8	91	51	.	.	.	.	.	.	.	.	.
18 ALSEN	9	4.54	78.9	37	1.0	82	51	.	.	.	.	.	.	.	.	.
19 HY644	12	4.33	74.4	37	1.8	84	53	.	.	.	.	.	.	.	.	.
20 CM2032	6	4.68	78.6	38	1.0	77	51	.	.	.	.	.	.	.	.	.
21 W98095	3	4.92	77.6	43	1.0	84	48	.	.	.	.	.	.	.	.	.
LOCATIONS		3	3	3	1	3	2	0	0	0	0	0	0	0	0	0

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

ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

YEAR : 2003
 AREA(S): 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	19	4.19	70.6	31	2.0	87	53	.	.	.	.	.	.	.	.	97
2 QUANTUM	4	5.16	74.9	38	0.0	87	52	.	.	.	.	.	.	.	.	98
3 AC BRIO	8	4.75	73.0	37	2.0	102	55	.	.	.	.	.	.	.	.	98
4 AC TAHO	13	4.65	69.6	32	4.0	98	54	.	.	.	.	.	.	.	.	98
5 CDC BOUNTY	18	4.26	67.9	33	5.0	103	54	.	.	.	.	.	.	.	.	97
6 B89:6:28:883	6	5.00	76.9	35	1.0	99	53	.	.	.	.	.	.	.	.	98
7 WENDELL hrs-a	14	4.62	70.3	29	2.0	89	55	.	.	.	.	.	.	.	.	98
8 SS FUNDY	3	5.17	70.6	29	1.0	99	58	.	.	.	.	.	.	.	.	100
9 TORKA	11	4.72	71.1	31	3.0	104	59	.	.	.	.	.	.	.	.	100
10 AC BARRIE	16	4.41	71.9	34	2.0	98	54	.	.	.	.	.	.	.	.	97
11 SUPERB	10	4.73	74.3	36	3.0	90	54	.	.	.	.	.	.	.	.	98
12 606(CM2023)	7	4.94	72.9	29	0.0	82	56	.	.	.	.	.	.	.	.	99
13 W94194	15	4.60	75.8	35	3.0	101	57	.	.	.	.	.	.	.	.	99
14 CFB 97626	19	4.19	68.4	26	0.0	80	57	.	.	.	.	.	.	.	.	100
15 QW628:5	1	6.64	73.6	43	5.0	110	58	.	.	.	.	.	.	.	.	100
16 B89:5:52:1059	5	5.02	73.4	37	2.0	103	54	.	.	.	.	.	.	.	.	98
17 B89:12:51:1248	2	5.34	76.3	34	1.0	95	53	.	.	.	.	.	.	.	.	98
18 ALSEN	21	4.17	72.7	30	0.0	87	53	.	.	.	.	.	.	.	.	99
19 HY644	17	4.36	69.6	33	5.0	93	57	.	.	.	.	.	.	.	.	100
20 CM2032	12	4.71	72.4	30	0.0	82	54	.	.	.	.	.	.	.	.	99
21 W98095	8	4.75	73.4	38	0.0	91	53	.	.	.	.	.	.	.	.	98
LOCATIONS		4	4	4	1	4	3	0	0	0	0	0	0	0	0	2

YEAR : 2003
 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	17	3.93	74.1	34	1.0	87	54	4.4	3.0	6.0	1.5	17.0	.	0.6	.	97
2 QUANTUM	2	4.84	76.9	39	0.3	88	54	0.2	3.3	6.6	0.5	18.4	.	1.4	.	98
3 AC BRIO	9	4.37	75.0	38	1.5	100	56	5.4	6.7	6.9	1.0	22.0	.	0.5	.	98
4 AC TAHO	13	4.13	72.9	34	1.8	95	55	4.0	0.0	5.9	1.0	20.5	.	0.5	.	98
5 CDC BOUNTY	21	3.68	72.8	35	3.3	99	56	4.3	2.3	5.4	0.5	25.9	.	0.6	.	97
6 B89:6:28:883	7	4.39	78.7	37	1.1	96	54	0.8	1.0	6.1	2.0	15.3	.	1.4	.	98
7 WENDELL hrs-a	19	3.91	72.1	29	1.0	86	57	3.5	2.0	5.2	0.5	22.2	.	0.7	.	98
8 SS FUNDY	11	4.22	72.1	29	1.0	96	59	0.6	7.7	5.9	0.5	36.1	.	0.2	.	100
9 TORKA	18	3.92	70.4	31	2.3	100	62	0.4	4.0	5.0	1.3	46.4	.	0.0	.	100
10 AC BARRIE	12	4.14	75.2	35	1.2	96	56	6.5	6.0	6.8	1.0	9.1	.	0.3	.	97
11 SUPERB	6	4.40	76.3	38	1.6	90	55	1.9	4.0	6.2	0.5	18.4	.	0.6	.	98
12 606(CM2023)	10	4.36	76.6	30	0.3	82	57	0.5	2.0	5.7	1.8	28.9	.	0.7	.	99
13 W94194	15	3.97	75.9	33	2.5	98	58	1.1	2.3	6.0	0.5	47.5	.	0.2	.	99
14 CFB 97626	20	3.73	71.9	26	0.3	80	58	0.6	2.0	4.8	1.0	18.4	.	0.5	.	100
15 QW628:5	1	5.37	74.7	42	3.9	103	59	0.2	1.0	5.4	1.5	27.2	.	0.4	.	100
16 B89:5:52:1059	7	4.39	74.8	38	3.1	98	55	1.9	1.7	6.2	1.3	22.2	.	0.2	.	98
17 B89:12:51:1248	3	4.71	78.2	35	1.4	94	55	1.0	1.0	6.2	1.0	16.6	.	0.1	.	98
18 ALSEN	14	4.09	76.6	33	0.4	86	55	1.8	1.0	5.8	0.3	10.3	.	0.4	.	99
19 HY644	16	3.95	71.7	34	2.3	89	58	4.7	2.0	5.5	1.0	7.8	.	0.0	.	100
20 CM2032	5	4.50	75.7	33	0.3	82	56	0.0	2.0	4.8	0.5	23.4	.	0.2	.	99
21 W98095	4	4.59	76.0	40	0.3	89	53	4.0	4.0	7.2	1.3	17.0	.	0.7	.	98
LOCATIONS		10	10	9	3	10	8	2	1	2	1	2	0	1	0	2

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

TRIAL STATISTICS (GRAIN YIELD)

AREA	LOCATION	MEAN (g m ⁻²)	REPS	ERROR SS	ERROR DF	ERROR MS	C.V.%
II	MONKTON	308	4	28680	60	478	7.1
II	ELORA	350	4	41880	60	698	7.5
II	PALMERSTON	388	4	30360	60	506	5.8
III	WINCHESTER	516	4	104820	60	1747	8.1
III	OTTAWA	378	4	85740	60	1429	10.0
III	+ST. ISIDORE	413	4	47340	60	789	6.8
V	NEW LISKEARD	470	4	86940	60	1449	8.1
V	+EMO	399	4	163920	60	2732	13.1
V	+VERNER	408	4	103920	60	1732	10.2
V	+THUNDER BAY	635	4	118560	60	1976	7.0

*100 g m⁻² = 1 t/ha = 893 lbs/acre

+Unofficial sites; data used in summaries.

ONTARIO PERFORMANCE TRIAL 2003; SPRING WHEAT

LOCATION - MONKTON
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	19	2.64	74.1	.	.	90	57	.	.	6.0	1.5	13.9	.	.6	.	.
2 QUANTUM	1	3.82	79.2	.	.	96	57	.	.	6.5	.5	16.7	.	1.4	.	.
3 AC BRIO	18	2.73	76.7	.	.	103	58	.	.	6.5	1.0	13.9	.	.5	.	.
4 AC TAHO	6	3.31	76.7	.	.	95	57	.	.	5.5	1.0	11.1	.	.5	.	.
5 CDC BOUNTY	11	3.08	68.7	.	.	101	58	.	.	5.5	.5	16.7	.	.6	.	.
6 B89:6:28:883	8	3.24	80.4	.	.	102	57	.	.	6.5	2.0	5.6	.	1.4	.	.
7 WENDELL hrs-a	20	2.50	71.8	.	.	88	61	.	.	5.0	.5	19.4	.	.7	.	.
8 SS FUNDY	11	3.08	74.9	.	.	99	61	.	.	6.5	.5	22.2	.	.2	.	.
9 TORKA	21	2.14	63.1	.	.	96	65	.	.	5.0	1.3	27.8	.	.0	.	.
10 AC BARRIE	9	3.11	76.7	.	.	101	58	.	.	7.0	1.0	8.3	.	.3	.	.
11 SUPERB	7	3.26	77.2	.	.	94	57	.	.	6.0	.5	16.7	.	.6	.	.
12 606(CM2023)	13	3.04	79.2	.	.	88	61	.	.	6.0	1.8	27.8	.	.7	.	.
13 W94194	17	2.75	73.9	.	.	103	62	.	.	6.0	.5	25.0	.	.2	.	.
14 CFB 97626	14	2.99	73.2	.	.	89	61	.	.	5.0	1.0	16.7	.	.5	.	.
15 QW628:5	2	3.70	72.8	.	.	92	60	.	.	5.5	1.5	19.4	.	.4	.	.
16 B89:5:52:1059	9	3.11	76.7	.	.	103	58	.	.	6.5	1.3	19.4	.	.2	.	.
17 B89:12:51:1248	4	3.46	80.1	.	.	92	57	.	.	6.5	1.0	8.3	.	.1	.	.
18 ALSEN	15	2.98	81.1	.	.	95	57	.	.	5.0	.3	5.6	.	.4	.	.
19 HY644	16	2.80	74.4	.	.	87	61	.	.	6.0	1.0	5.6	.	.0	.	.
20 CM2032	3	3.56	78.4	.	.	89	60	.	.	5.0	.5	16.7	.	.2	.	.
21 W98095	5	3.34	77.8	.	.	89	56	.	.	6.5	1.3	13.9	.	.7	.	.
MEANS		3.08	75.6	.	.	95	59	.	.	5.9	1.0	15.7	.	.5	.	.

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 CELTIC	14	3.25	77.3	30	.0	94	57	3.8	.	.	.	.	.	.	.	.
2 QUANTUM	2	4.31	80.3	32	.0	94	58	.3	.	.	.	.	.	.	.	.
3 AC BRIO	10	3.68	77.3	31	.0	103	58	5.8	.	.	.	.	.	.	.	.
4 AC TAHO	13	3.35	74.8	27	.0	96	58	3.3	.	.	.	.	.	.	.	.
5 CDC BOUNTY	20	2.77	81.5	29	2.0	101	57	3.3	.	.	.	.	.	.	.	.
6 B89:6:28:883	6	3.96	83.7	34	.3	100	56	1.5	.	.	.	.	.	.	.	.
7 WENDELL hrs-a	21	2.70	71.1	21	.0	93	60	4.3	.	.	.	.	.	.	.	.
8 SS FUNDY	17	2.92	68.6	20	.5	101	61	1.3	.	.	.	.	.	.	.	.
9 TORKA	19	2.78	66.1	25	2.3	108	65	.5	.	.	.	.	.	.	.	.
10 AC BARRIE	16	2.96	77.3	28	.0	101	59	7.0	.	.	.	.	.	.	.	.
11 SUPERB	8	3.75	79.2	33	.3	98	58	3.8	.	.	.	.	.	.	.	.
12 606(CM2023)	9	3.70	79.8	26	.0	89	59	1.0	.	.	.	.	.	.	.	.
13 W94194	12	3.41	79.8	24	1.5	105	60	2.3	.	.	.	.	.	.	.	.
14 CFB 97626	15	3.03	69.2	18	.0	88	61	1.3	.	.	.	.	.	.	.	.
15 QW628:5	7	3.79	74.2	34	2.8	111	61	.5	.	.	.	.	.	.	.	.
16 B89:5:52:1059	11	3.61	74.8	30	3.0	98	59	1.8	.	.	.	.	.	.	.	.
17 B89:12:51:1248	4	4.17	82.4	29	.5	100	57	.3	.	.	.	.	.	.	.	.
18 ALSEN	5	3.98	82.8	30	.3	89	56	2.5	.	.	.	.	.	.	.	.
19 HY644	18	2.85	71.7	26	.0	98	61	5.0	.	.	.	.	.	.	.	.
20 CM2032	3	4.18	76.1	27	.0	89	59	.0	.	.	.	.	.	.	.	.
21 W98095	1	4.50	81.1	35	.0	96	55	3.3	.	.	.	.	.	.	.	.
MEANS		3.51	76.6	28	.6	98	59	2.5	.	.	.	.	.	.	.	.

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL 2003; SPRING WHEAT

LOCATION - PALMERSTON
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	STR	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	12	3.89	74.4	40	.	84	63	5.0	3.0	6.0	.	20.0	0.0	.	.	.
2 QUANTUM	5	4.21	75.8	45	.	88	64	.0	3.3	6.7	.	20.0	1.0	.	.	.
3 AC BRIO	8	3.98	71.9	40	.	96	65	5.0	6.7	7.3	.	30.0	0.0	.	.	.
4 AC TAHO	11	3.91	71.6	38	.	98	65	4.7	.0	6.3	.	30.0	0.0	.	.	.
5 CDC BOUNTY	18	3.52	73.5	39	.	95	64	5.3	2.3	5.3	.	35.0	0.0	.	.	.
6 B89:6:28:883	14	3.76	75.6	39	.	87	62	.0	1.0	5.7	.	25.0	0.0	.	.	.
7 WENDELL	9	3.94	70.9	31	.	80	65	2.7	2.0	5.3	.	25.0	0.0	.	.	.
8 SS FUNDY	13	3.77	70.1	29	.	94	67	.0	7.7	5.3	.	50.0	0.0	.	.	.
9 TORKA	20	3.48	66.6	32	.	99	71	.3	4.0	5.0	.	65.0	0.0	.	.	.
10 AC BARRIE	16	3.63	77.4	37	.	90	65	6.0	6.0	6.5	.	10.0	4.5	.	.	.
11 SUPERB	7	3.99	76.6	43	.	85	64	.0	4.0	6.5	.	20.0	1.0	.	.	.
12 606	17	3.60	75.4	31	.	79	66	.0	2.0	5.3	.	30.0	2.0	.	.	.
13 W94194	19	3.51	72.2	34	.	91	65	.0	2.3	6.0	.	70.0	0.0	.	.	.
14 CFB 97626	10	3.93	75.0	30	.	78	66	.0	2.0	4.5	.	20.0	0.0	.	.	.
15 QW628:5	2	4.32	72.7	43	.	103	66	.0	1.0	5.3	.	35.0	0.0	.	.	.
16 B89:5:52:1059	6	4.04	72.5	41	.	91	63	2.0	1.7	6.0	.	25.0	0.0	.	.	.
17 B89:12:51:1248	2	4.32	75.6	38	.	96	63	1.7	1.0	6.0	.	25.0	0.5	.	.	.
18 ALSEN	15	3.64	74.3	36	.	79	64	1.0	1.0	6.7	.	15.0	0.0	.	.	.
19 HY644	21	3.45	68.8	35	.	78	66	4.3	2.0	5.0	.	10.0	0.5	.	.	.
20 CM2032	1	4.36	76.7	37	.	81	64	.0	2.0	4.5	.	30.0	0.0	.	.	.
21 W98095	4	4.30	75.3	45	.	87	60	4.7	4.0	8.0	.	20.0	1.0	.	.	.
MEANS		3.88	73.5	37	.	89	65	2.0	2.8	5.9	.	29.0	0.5	.	.	.

LOCATION - WINCHESTER
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	15	5.02	78.9	38	1.0	83	46	.	.	.	.	.	.	.	.	.
2 QUANTUM	1	5.87	80.4	44	1.0	88	45	.	.	.	.	.	.	.	.	.
3 AC BRIO	2	5.78	78.5	42	2.5	101	47	.	.	.	.	.	.	.	.	.
4 AC TAHO	12	5.13	78.7	39	1.5	95	47	.	.	.	.	.	.	.	.	.
5 CDC BOUNTY	20	4.49	78.4	36	2.8	98	48	.	.	.	.	.	.	.	.	.
6 B89:6:28:883	8	5.31	80.8	40	2.0	98	46	.	.	.	.	.	.	.	.	.
7 WENDELL	19	4.50	75.4	30	1.0	79	49	.	.	.	.	.	.	.	.	.
8 SS FUNDY	16	4.93	75.3	30	1.5	92	49	.	.	.	.	.	.	.	.	.
9 TORKA	18	4.54	76.2	34	1.5	99	52	.	.	.	.	.	.	.	.	.
10 AC BARRIE	9	5.30	78.9	38	1.5	98	47	.	.	.	.	.	.	.	.	.
11 SUPERB	10	5.28	79.5	41	1.5	91	47	.	.	.	.	.	.	.	.	.
12 606	14	5.06	81.6	33	1.0	78	48	.	.	.	.	.	.	.	.	.
13 W94194	20	4.49	78.0	32	3.0	93	50	.	.	.	.	.	.	.	.	.
14 CFB 97626	17	4.66	77.1	28	1.0	73	50	.	.	.	.	.	.	.	.	.
15 QW628:5	4	5.67	78.9	44	3.8	99	49	.	.	.	.	.	.	.	.	.
16 B89:5:52:1059	7	5.35	78.0	41	4.3	98	46	.	.	.	.	.	.	.	.	.
17 B89:12:51:1248	6	5.41	80.8	37	2.8	94	46	.	.	.	.	.	.	.	.	.
18 ALSEN	12	5.13	80.4	36	1.0	84	47	.	.	.	.	.	.	.	.	.
19 HY644	11	5.26	75.5	36	1.8	83	49	.	.	.	.	.	.	.	.	.
20 CM2032	5	5.55	81.1	38	1.0	77	47	.	.	.	.	.	.	.	.	.
21 W98095	3	5.75	78.9	43	1.0	85	44	.	.	.	.	.	.	.	.	.
MEANS		5.17	78.6	37	1.8	90	48	.	.	.	.	.	.	.	.	.

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL 2003; SPRING WHEAT

LOCATION - OTTAWA-1
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	18	3.46	77.8	38	.	82	53	.	.	.	.	.	.	.	.	.
2 QUANTUM	3	4.18	78.3	43	.	81	54	.	.	.	.	.	.	.	.	.
3 AC BRIO	12	3.80	78.3	41	.	94	55	.	.	.	.	.	.	.	.	.
4 AC TAHO	20	3.09	75.5	37	.	85	55	.	.	.	.	.	.	.	.	.
5 CDC BOUNTY	21	2.70	78.3	39	.	88	54	.	.	.	.	.	.	.	.	.
6 B89:6:28:883	16	3.69	80.0	38	.	89	53	.	.	.	.	.	.	.	.	.
7 WENDELL hrs-a	10	3.83	76.8	33	.	77	56	.	.	.	.	.	.	.	.	.
8 SS FUNDY	15	3.70	75.0	34	.	85	59	.	.	.	.	.	.	.	.	.
9 TORKA	13	3.79	75.0	37	.	88	61	.	.	.	.	.	.	.	.	.
10 AC BARRIE	9	3.85	77.8	39	.	91	53	.	.	.	.	.	.	.	.	.
11 SUPERB	2	4.20	78.0	42	.	86	53	.	.	.	.	.	.	.	.	.
12 606(CM2023)	3	4.18	80.3	35	.	77	56	.	.	.	.	.	.	.	.	.
13 W94194	17	3.63	77.5	36	.	89	57	.	.	.	.	.	.	.	.	.
14 CFB 97626	19	3.27	77.3	31	.	74	58	.	.	.	.	.	.	.	.	.
15 QW628:5	1	4.64	78.5	47	.	90	58	.	.	.	.	.	.	.	.	.
16 B89:5:52:1059	10	3.83	76.8	41	.	91	53	.	.	.	.	.	.	.	.	.
17 B89:12:51:1248	7	3.93	79.3	38	.	88	55	.	.	.	.	.	.	.	.	.
18 ALSEN	5	4.05	78.8	38	.	78	55	.	.	.	.	.	.	.	.	.
19 HY644	6	3.97	76.0	41	.	81	57	.	.	.	.	.	.	.	.	.
20 CM2032	8	3.88	78.3	39	.	76	54	.	.	.	.	.	.	.	.	.
21 W98095	13	3.79	77.3	42	.	81	52	.	.	.	.	.	.	.	.	.
MEANS		3.78	77.7	38	.	84	55	.	.	.	.	.	.	.	.	.

LOCATION - ST-ISIDORE - UNOFFICIAL SITE
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	10	4.30	76.0	38	.	87	.	.	.	.	.	.	.	.	.	.
2 QUANTUM	1	5.33	76.0	41	.	83	.	.	.	.	.	.	.	.	.	.
3 AC BRIO	5	4.73	75.7	40	.	92	.	.	.	.	.	.	.	.	.	.
4 AC TAHO	13	3.90	73.0	35	.	90	.	.	.	.	.	.	.	.	.	.
5 CDC BOUNTY	18	3.24	75.9	37	.	97	.	.	.	.	.	.	.	.	.	.
6 B89:6:28:883	12	3.93	78.4	38	.	93	.	.	.	.	.	.	.	.	.	.
7 WENDELL hrs-a	20	3.12	73.4	30	.	83	.	.	.	.	.	.	.	.	.	.
8 SS FUNDY	19	3.13	74.1	33	.	90	.	.	.	.	.	.	.	.	.	.
9 TORKA	16	3.61	73.0	32	.	100	.	.	.	.	.	.	.	.	.	.
10 AC BARRIE	4	4.87	75.8	37	.	90	.	.	.	.	.	.	.	.	.	.
11 SUPERB	7	4.60	75.3	39	.	87	.	.	.	.	.	.	.	.	.	.
12 606(CM2023)	11	4.22	78.3	32	.	82	.	.	.	.	.	.	.	.	.	.
13 W94194	17	3.51	74.7	32	.	94	.	.	.	.	.	.	.	.	.	.
14 CFB 97626	21	2.71	73.9	28	.	80	.	.	.	.	.	.	.	.	.	.
15 QW628:5	3	5.02	75.2	42	.	99	.	.	.	.	.	.	.	.	.	.
16 B89:5:52:1059	14	3.88	75.3	38	.	88	.	.	.	.	.	.	.	.	.	.
17 B89:12:51:1248	8	4.49	78.3	37	.	90	.	.	.	.	.	.	.	.	.	.
18 ALSEN	9	4.44	77.5	36	.	84	.	.	.	.	.	.	.	.	.	.
19 HY644	15	3.76	71.8	34	.	88	.	.	.	.	.	.	.	.	.	.
20 CM2032	6	4.62	76.5	36	.	77	.	.	.	.	.	.	.	.	.	.
21 W98095	2	5.23	76.5	43	.	85	.	.	.	.	.	.	.	.	.	.
MEANS		4.13	75.5	36	.	88	.	.	.	.	.	.	.	.	.	.

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

ONTARIO PERFORMANCE TRIAL 2003; SPRING WHEAT

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	21	3.35	67.3	28	.	90	52	.	.	.	.	.	.	.	.	.
2 QUANTUM	4	5.26	74.8	41	.	87	51	.	.	.	.	.	.	.	.	.
3 AC BRIO	6	5.11	72.3	37	.	110	54	.	.	.	.	.	.	.	.	.
4 AC TAHO	12	4.61	69.8	30	.	107	53	.	.	.	.	.	.	.	.	.
5 CDC BOUNTY	17	3.83	69.8	31	.	112	54	.	.	.	.	.	.	.	.	.
6 B89:6:28:883	3	5.44	76.1	36	.	104	52	.	.	.	.	.	.	.	.	.
7 WENDELL	15	4.34	64.8	28	.	92	56	.	.	.	.	.	.	.	.	.
8 SS FUNDY	8	4.91	66.1	27	.	107	58	.	.	.	.	.	.	.	.	.
9 TORKA	18	3.81	69.8	30	.	105	58	.	.	.	.	.	.	.	.	.
10 AC BARRIE	16	4.10	74.8	33	.	108	54	.	.	.	.	.	.	.	.	.
11 SUPERB	8	4.91	73.6	38	.	92	53	.	.	.	.	.	.	.	.	.
12 606	10	4.69	71.1	26	.	83	54	.	.	.	.	.	.	.	.	.
13 W94194	5	5.23	76.1	36	.	109	56	.	.	.	.	.	.	.	.	.
14 CFB 97626	19	3.71	64.8	22	.	83	55	.	.	.	.	.	.	.	.	.
15 QW628:5	1	7.64	68.6	43	.	119	57	.	.	.	.	.	.	.	.	.
16 B89:5:52:1059	7	5.03	72.3	36	.	108	52	.	.	.	.	.	.	.	.	.
17 B89:12:51:1248	2	5.68	76.1	34	.	101	51	.	.	.	.	.	.	.	.	.
18 ALSEN	14	4.36	72.3	29	.	93	52	.	.	.	.	.	.	.	.	.
19 HY644	11	4.64	71.1	34	.	97	55	.	.	.	.	.	.	.	.	.
20 CM2032	20	3.43	68.6	29	.	87	52	.	.	.	.	.	.	.	.	.
21 W98095	12	4.61	74.8	40	.	95	51	.	.	.	.	.	.	.	.	.
MEANS		4.70	71.2	33	.	99	54	.	.	.	.	.	.	.	.	.

LOCATION - VERNER - UNOFFICIAL SITE
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	20	3.60	69.8	33	.	83	.	.	.	.	.	.	.	.	.	.
2 QUANTUM	12	4.02	71.1	25	.	84	.	.	.	.	.	.	.	.	.	.
3 AC BRIO	15	3.86	73.6	39	.	96	.	.	.	.	.	.	.	.	.	.
4 AC TAHO	14	3.91	66.1	31	.	89	.	.	.	.	.	.	.	.	.	.
5 CDC BOUNTY	13	3.93	69.8	33	.	99	.	.	.	.	.	.	.	.	.	.
6 B89:6:28:883	6	4.27	76.1	35	.	89	.	.	.	.	.	.	.	.	.	.
7 WENDELL	8	4.15	69.8	29	.	82	.	.	.	.	.	.	.	.	.	.
8 SS FUNDY	5	4.31	67.3	27	.	91	.	.	.	.	.	.	.	.	.	.
9 TORKA	3	4.62	71.1	37	.	100	.	.	.	.	.	.	.	.	.	.
10 AC BARRIE	18	3.66	67.3	35	.	89	.	.	.	.	.	.	.	.	.	.
11 SUPERB	9	4.11	73.6	35	.	81	.	.	.	.	.	.	.	.	.	.
12 606	7	4.26	66.1	24	.	75	.	.	.	.	.	.	.	.	.	.
13 W94194	17	3.67	74.8	33	.	94	.	.	.	.	.	.	.	.	.	.
14 CFB 97626	16	3.80	67.3	24	.	73	.	.	.	.	.	.	.	.	.	.
15 QW628:5	1	4.94	73.1	43	.	101	.	.	.	.	.	.	.	.	.	.
16 B89:5:52:1059	10	4.06	71.1	37	.	95	.	.	.	.	.	.	.	.	.	.
17 B89:12:51:1248	2	4.86	74.8	34	.	86	.	.	.	.	.	.	.	.	.	.
18 ALSEN	19	3.63	69.8	30	.	77	.	.	.	.	.	.	.	.	.	.
19 HY644	21	3.50	63.6	30	.	86	.	.	.	.	.	.	.	.	.	.
20 CM2032	4	4.40	71.1	24	.	73	.	.	.	.	.	.	.	.	.	.
21 W98095	11	4.05	71.1	34	.	85	.	.	.	.	.	.	.	.	.	.
MEANS		4.08	70.4	32	.	87	.	.	.	.	.	.	.	.	.	.

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL 2003; SPRING WHEAT

LOCATION - THUNDER BAY - UNOFFICIAL SITE
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	19	5.62	74.0	33	.	90	52	.	.	.	.	.	.	.	.	98
2 QUANTUM	6	6.72	80.0	44	.	92	53	.	.	.	.	.	.	.	.	101
3 AC BRIO	14	6.26	75.0	40	.	106	54	.	.	.	.	.	.	.	.	100
4 AC TAHO	7	6.55	74.0	36	.	106	52	.	.	.	.	.	.	.	.	101
5 CDC BOUNTY	16	6.12	66.0	38	.	103	54	.	.	.	.	.	.	.	.	99
6 B89:6:28:883	8	6.50	82.0	38	.	105	52	.	.	.	.	.	.	.	.	100
7 WENDELL hrs-a	17	5.91	78.0	32	.	88	54	.	.	.	.	.	.	.	.	100
8 SS FUNDY	2	7.23	78.0	34	.	101	57	.	.	.	.	.	.	.	.	102
9 TORKA	10	6.31	70.0	29	.	105	61	.	.	.	.	.	.	.	.	103
10 AC BARRIE	11	6.30	77.0	37	.	100	53	.	.	.	.	.	.	.	.	98
11 SUPERB	13	6.28	79.0	41	.	94	52	.	.	.	.	.	.	.	.	100
12 606(CM2023)	12	6.29	81.0	34	.	84	56	.	.	.	.	.	.	.	.	102
13 W94194	15	6.23	80.0	36	.	102	56	.	.	.	.	.	.	.	.	100
14 CFB 97626	20	5.42	74.0	27	.	82	57	.	.	.	.	.	.	.	.	102
15 QW628:5	1	7.86	79.0	49	.	112	58	.	.	.	.	.	.	.	.	102
16 B89:5:52:1059	3	6.93	79.0	40	.	110	53	.	.	.	.	.	.	.	.	100
17 B89:12:51:1248	5	6.76	82.0	37	.	99	52	.	.	.	.	.	.	.	.	101
18 ALSEN	21	5.09	79.0	33	.	89	53	.	.	.	.	.	.	.	.	102
19 HY644	18	5.88	75.0	36	.	96	56	.	.	.	.	.	.	.	.	102
20 CM2032	4	6.84	79.0	37	.	87	54	.	.	.	.	.	.	.	.	102
21 W98095	9	6.34	79.0	44	.	96	52	.	.	.	.	.	.	.	.	100
MEANS		6.35	77.1	37	.	97	54	.	.	.	.	.	.	.	.	101

LOCATION - EMO - UNOFFICIAL SITE
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	5	4.19	71.1	30	2.0	85	55	.	.	.	.	.	.	.	.	95
2 QUANTUM	2	4.66	73.6	40	.0	85	53	.	.	.	.	.	.	.	.	95
3 AC BRIO	14	3.78	71.1	32	2.0	97	56	.	.	.	.	.	.	.	.	96
4 AC TAHO	18	3.53	68.6	31	4.0	90	56	.	.	.	.	.	.	.	.	95
5 CDC BOUNTY	21	3.17	66.1	31	5.0	97	55	.	.	.	.	.	.	.	.	95
6 B89:6:28:883	13	3.79	73.6	32	1.0	97	56	.	.	.	.	.	.	.	.	96
7 WENDELL hrs-a	8	4.09	68.6	26	2.0	94	56	.	.	.	.	.	.	.	.	95
8 SS FUNDY	4	4.23	71.1	28	1.0	95	60	.	.	.	.	.	.	.	.	98
9 TORKA	7	4.12	73.6	27	3.0	104	59	.	.	.	.	.	.	.	.	97
10 AC BARRIE	17	3.57	68.6	30	2.0	93	55	.	.	.	.	.	.	.	.	95
11 SUPERB	15	3.60	71.1	30	3.0	94	56	.	.	.	.	.	.	.	.	95
12 606(CM2023)	3	4.52	73.6	30	.0	85	57	.	.	.	.	.	.	.	.	96
13 W94194	20	3.27	72.3	33	3.0	100	60	.	.	.	.	.	.	.	.	98
14 CFB 97626	12	3.82	67.3	29	.0	81	59	.	.	.	.	.	.	.	.	97
15 QW628:5	1	6.14	73.6	36	5.0	107	60	.	.	.	.	.	.	.	.	98
16 B89:5:52:1059	9	4.07	71.1	35	2.0	100	56	.	.	.	.	.	.	.	.	95
17 B89:12:51:1248	10	4.04	72.3	30	1.0	94	55	.	.	.	.	.	.	.	.	95
18 ALSEN	15	3.60	69.8	29	.0	87	55	.	.	.	.	.	.	.	.	95
19 HY644	19	3.43	68.6	31	5.0	92	60	.	.	.	.	.	.	.	.	98
20 CM2032	6	4.16	71.1	28	.0	81	56	.	.	.	.	.	.	.	.	95
21 W98095	11	4.00	68.6	33	.0	88	55	.	.	.	.	.	.	.	.	95
MEANS		3.99	70.7	31	2.0	93	57	.	.	.	.	.	.	.	.	96

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

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ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2003

MANAGEMENT - FUARIUM INOCULATION
MIST IRRIGATION

YEAR: 2003

	-----NAIRN-----								-----OTTAWA-----							
	ANTH.	INC.	SEV.	FHBI	RK	DON	RK		ANTH.	INC.	SEV.	FHBI	RK	DON	RK	
CELTIC	54	52.5	26.3	15.1	20	3.5	9	48	98.3	46.7	45.9	18	28.6	4		
QUANTUM	54	62.5	11.3	6.4	9	3.2	6	49	95.0	48.3	46.3	19	36.7	12		
AC BRIO	54	27.5	37.5	9.9	18	4.1	14	49	96.7	41.7	40.7	17	30.8	8		
AC TAHO	54	26.3	34.5	7.7	12	2.3	2	48	93.3	40.0	37.3	14	32.8	11		
CDC BOUNTY	54	37.5	25.0	7.1	10	2.7	3	50	88.3	25.0	22.3	8	28.9	5		
B89:6:28:883	54	16.3	13.8	2.2	2	3.8	13	49	88.3	18.3	16.2	2	36.4	15		
WENDELL	56	25.8	31.3	8.3	14	9.1	21	54	96.7	56.7	55.8	21	52.9	22		
SS FUNDY	55	65.0	33.3	22.3	21	7.1	19	51	91.7	36.7	33.7	12	51.0	21		
TORKA	58	43.8	13.8	5.6	8	3.5	9	56	90.0	20.0	18.0	4	30.8	9		
AC BARRIE	54	13.8	20.0	2.6	4	2.7	3	50	86.7	20.0	17.5	3	24.5	1		
SUPERB	54	22.0	16.8	3.8	6	6.1	17	50	98.3	36.7	36.0	13	45.5	20		
606	54	31.3	33.3	9.9	18	5.2	15	49	91.7	35.0	32.2	10	37.7	16		
W94194	55	43.8	18.8	7.8	13	3.2	6	54	95.0	35.0	33.3	11	26.2	2		
CFB 97626	55	21.3	21.3	3.8	6	3.7	12	52	98.3	30.0	29.6	9	30.3	7		
QW628:5	56	21.3	43.3	9.4	15	3.2	6	51	83.3	21.7	19.7	5	33.2	10		
B89:5:52:1059	55	41.8	22.8	9.6	17	6.2	18	49	100.0	48.3	48.3	20	35.7	13		
B89:12:51:1248	55	15.8	10.0	1.6	1	3.1	5	48	78.3	13.3	10.4	1	36.2	14		
ALSEN	54	11.3	18.3	2.3	3	1.6	1	48	90.0	23.3	21.2	6	29.3	6		
HY644	55	16.3	17.5	3.0	5	2.8	16	52	91.7	23.3	22.1	7	27.4	3		
CM2032	54	30.0	23.8	7.2	11	7.2	20	49	100.0	38.3	38.3	15	39.1	17		
W98095	54	44.3	26.3	9.4	15	3.6	11	47	98.3	40.0	39.6	16	42.7	19		
MEANS	55	31.9	23.7	7.4	.	4.3	.	50	93.5	37.2	35.8	.	36.4	.		
CV%	1.9	56.1	49.4	73.5	.	45.3	.	.	7.3	29.0	32.1	.	21.0	.		
LSD	.95	16.4	10.7	4.97	.	2.3	.	.	11.2	17.8	18.9	.	.	.		

YEARS: 2001 - 2003

NAME	- 3 YEAR AVERAGE -				- 2 YEAR AVERAGE -				- 1 YEAR AVERAGE -			
	FHBI*	RK	DON*	RK	FHBI*	RK	DON*	RK	FHBI*	RK	DON*	RK
	%		PPM	%		PPM		%		PPM		
CELTIC	23.6	7	7.6	6	27.7	15	8.3	15	30.5	20	3.5	9
QUANTUM	15.5	4	3.0	3	19.4	13	3.2	7	26.4	17	3.2	6
AC BRIO	12.8	2	3.0	2	16.3	11	4.0	10	25.3	16	4.1	14
AC TAHO	23.5	6	2.5	1	28.1	16	3.1	6	22.5	13	2.3	2
CDC BOUNTY	.	.	.	.	.	.	.	.	14.7	8	2.7	3
B89:6:28:883	6.1	1	3.1	5	7.3	3	3.4	8	9.2	2	3.8	13
WENDELL	20.8	5	8.9	7	29.0	17	11.3	17	32.1	21	9.1	21
SS FUNDY	14.5	3	3.0	4	18.4	12	3.7	9	28.0	18	7.1	19
TORKA	.	.	.	.	7.7	4	2.5	3	11.8	5	3.5	9
AC BARRIE	.	.	.	.	6.8	2	2.2	2	10.1	3	2.7	3
SUPERB	.	.	.	.	15.5	10	10.7	16	19.9	10	6.1	17
606	.	.	.	.	12.7	9	4.7	12	21.1	12	5.2	15
W94194	.	.	.	.	11.9	7	2.0	1	20.6	11	3.2	6
CFB 97626	.	.	.	.	12.5	8	7.5	14	16.7	9	3.7	12
QW628:5	.	.	.	.	9.0	6	3.1	5	14.6	7	3.2	6
B89:5:52:1059	.	.	.	.	22.2	14	6.2	13	29.0	19	6.2	18
B89:12:51:1248	.	.	.	.	5.0	1	2.5	4	6.0	1	3.1	5
ALSEN	.	.	.	.	7.9	5	4.3	11	11.8	4	1.6	1
HY644	.	.	.	.	.	.	.	.	12.6	6	2.8	16
CM2032	.	.	.	.	.	.	.	.	22.8	14	7.2	20
W98095	.	.	.	.	.	.	.	.	24.5	15	3.6	11
# OF LOCATIONS	6	6	5	5	4	4	3	3	2	2	1	

ANTH. = ANTHESIS = DAYS FROM PLANTING.
 INC. = INCIDENCE = % HEADS INFECTED.
 SEV. = SEVERITY = % SPIKELETS INFECTED.
 FHBI = FUSARIUM HEAD BLIGHT INDEX = % SPIKELETS INFECTED x % HEADS INFECTED.
 DON = DEOXYNIVALENOL (VOMITOXIN) IN PARTS PER MILLION
 RK = RANK

WESTERN SPRING DURUM REGISTRATION TRIAL 2003

LOCATION - ELORA

KEY NAME	YIELD		TSTW	KW	HGT	HDT	MIL
	RK	T/HA	K/HL	MG	CM	*	0-9
1 AC AVONLEA	5	2.70	71.1	30	96	58	6.3
2 AC MORSE	2	2.89	72.3	29	88	57	7.5
3 AC NAVIGATOR	9	2.30	71.1	29	80	58	6.3
4 DT712	8	2.52	73.0	28	93	58	6.3
5 DT722	4	2.75	73.6	30	74	58	7.0
6 DT724	6	2.61	73.0	26	93	60	6.0
7 DT726	1	3.32	74.8	29	93	58	4.3
8 DT732	7	2.55	71.1	27	94	61	5.3
9 DT735	3	2.77	76.1	30	98	60	7.5
MEANS		2.71	72.9	29	90	59	6.3

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

*ANALYSIS OF VARIANCE INFORMATION

TRAIT	MEAN	RDF	VDF	EDF	REPMS	VARMS	ERRMS	REPF	VARF	C.V.
YIELD	271	3	8	24	1484	3227	228	6.5	14.1	5.6%

CO-OPERATORS AND LOCATIONS OF PERFORMANCE TRIALS, 2003

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 ³		
	Huron	Centralia, Ontario (Ridgetown College)	X	X			
	Wellington I	EA = Plant Agriculture Department, OAC, Elora, ON.	X	X	X	X	
	Wellington II	PN = C & M Seeds Inc., Palmerston, ON.	X	X	X	X	
	Middlesex I	NN = W.G. Thompson & Sons Ltd., Nairn, ON.			X		
	Perth I	MN = W.G. Thompson & Sons Ltd., Monkton, ON.	X	X		X	
III	Lennox Addington	BH = Mike MacKinnon, Bath, ON (E.C.O.R.C.)			X ¹		
	Grenville	KE = Kemptville College, Kemptville, ON.			X ⁴		
	Carleton	O1 = Agriculture & Agri-Food Canada, (E.C.O.R.C.) Ottawa, ON.	X	X	X	X	
	Dundas	WR = Kemptville College, Winchester Research Sta., Winchester, ON.	X	X		X	
	Renfrew	BG = Larry Raeburn, Beachburg ON (E.C.O.R.C., Ottawa)				X ³	
	Prescott-Russel	SI = Marc Bercier, St. Isidore (E.C.O.R.C., Ottawa)				X ¹	
V & VI	Temiskaming	NL = New Liskeard Agricultural Research Station, New Liskeard, ON.	X	X ²		X	
	Thunder Bay	Thunder Bay Agricultural Research Station, Thunder Bay, ON	X	X		X ¹	
	Nipissing District	Verner Test Site, Verner, Ont. (New Liskeard Agr. Res. Sta.)	X ¹	X ²		X ¹	
	Rainy River	EO = Emo Agricultural Research Station, Emo, ON	X ³	X ³		X ¹	

¹ Unofficial site, data used in summary. ² Yield data not used. ³ Unofficial site, data not used in summary. ⁴ Site not planted due to budget cuts.

