

# **2004 Progress Report Ontario Performance Trials**

## **Barley, Oats and Wheat**



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**Department of Plant Agriculture  
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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. Dr. D.E. Falk and Zorka Szlavnic conduct the data analysis, prepare and distribute the Progress Reports which are the basis for information in the OMAF "INFOSheet" ([www.omaf.gov.on.ca](http://www.omaf.gov.on.ca)).

## 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, La Coop Fédérée, 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 2004 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.

## 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.

**Fall Wheat.** Fall planting conditions were good and the mild winter resulted in above average winter survival. 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.

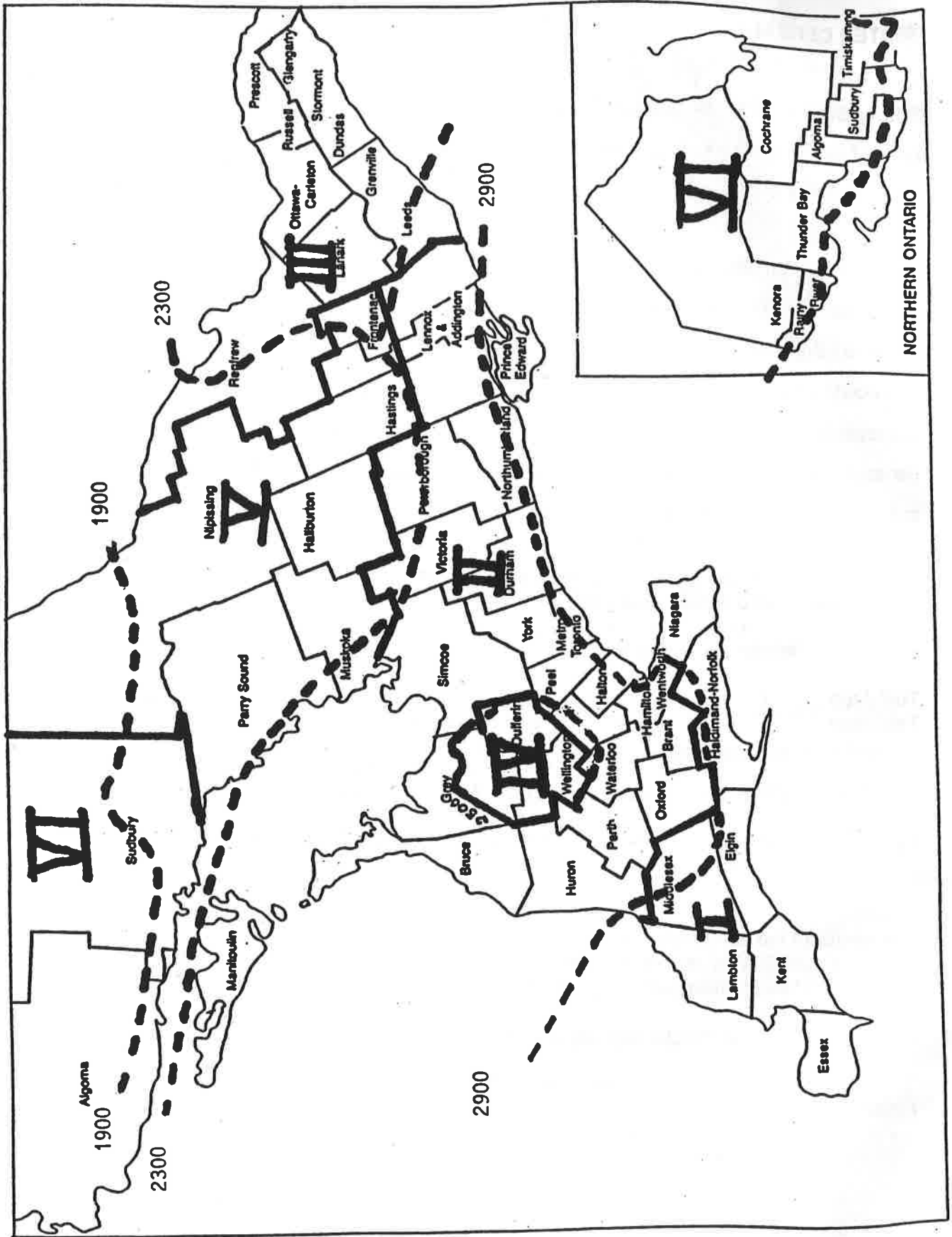
	Winter	Spring	
Test Area	I		- Southwest of the 2900 heat unit lines.
Test Area	II	II & IV	- West of Frontenac, between the 2900 and 2300 heat unit lines and the Dundalk plain (Grey, Dufferin and Wellington) within the 2500 heat unit lines.
Test Area	III	III	- East of Frontenac, between the 2900 and 2300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

The results of the 2004 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 world wide web at:

[http://www.plant.uoguelph.ca/performance\\_recommendations/occc/occc.html](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 InfoSheet..

# ONTARIO



## ONTARIO PERFORMANCE TRIALS; FALL WHEAT 2004

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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 2004

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 AC-Morley;HRW: H242:31:1- Siouxcand/Perlo - R. Pandeya, M.McLean, Agriculture & Agri-Food Can.,Harrow,ON - Advantage Seed Growers and Processors Inc., - 07/2001, 5346 - Full Regional Registration for Eastern Canada.
  - 3 Superior;SWW: TW93211 - Rebecca/Hasus - L. Shugar, Thompson Ltd. - Hensall District Co-op/Advantage Seed Growers and Processors - 4673 - Full Regional Registration for Nfld,PEI,NS,NB,ON.
  - 4 AC Mackinnon;SWW PRC9308 - R.Pandeya,Agriculture and Agri-Food Canada, Ottawa,ON - PRO Seeds - 4816 - Full National Registration.
  - 5 AC Mountain;SWW H649:14 - O-45-2/Houser//Anette - R.Pandeya,Agriculture & Agri-Food Can.,Ottawa,ON - SeCan - 4820 - Full Regional Registration: Nfld,PEI,NS,NB,ON.
  - 6 AC Essex;SWW: H649:5 - O-45-2/Houser//Anette - R.Pandeya,Agriculture & Agri-Food Canada,Ottawa,ON - Ferguson Seeds - 4819 - Full Regional Registration for Nfld,PEI,NS,NB,ON.
  - 7 Maxine;HRW-a: CM95009(formerly known as Maxim)-99.17pf/448.21pf-Dr.Peter Franck, ACS-PZ0 - C&M Seeds-Nov.1999-#5008 - Full Regional Registration for Eastern Canada
  - 8 Caledonia;SWW: Geneva Reselection - Cornell University - Thompson Ltd. July 26/1999,4960 - Full National Registration.
  - 9 Wisdom;SRW: 139J - T812/FL302 - Private, U.S. - Thompson Ltd. - July 26/1999,4961 - Full National Registration.
  - 10 Platinum;HRW-a CM97001 - 458/76PF x FHB1700PF - Dr.P.Franck, ACS-PZ0 - C & M Seeds - #5660, July 2000, -Full Regional Registration for Eastern Canada
  - 11 Whitby;SWW TW96273 - Diana/3/Ruby/Frankenmuth//Houser -L. Shugar, Thompson Ltd. - Oct.13, 2000 - Full National Registration.
  - 12 Webster;SRW Genesis99:53 - Pioneer2548/Saluda//88579C1-100- Thompson Ltd.- Reg.# 5392 - Full Regional Registration for Nfld, PEI, NS, NB, ON.
  - 13 Warwick;SRW TW97613-Ruby/3/Aug/WW501//Yorkstar - L.Shugar, Thompson Ltd. -Interim Regional Registration for Eastern Canada.
  - 14 Warthog;HRW TW025:C36 - Fundulea/Karl-92 - L. Shugar, Thompson Ltd.
  - 15 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.
  - 16 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, PEI, NS, NB, ON.
  - 17 Whitney;SRW VA96W:247 - Coker9803/Freedom - Carl Griffey, Virginia Polytech. & State Univ.,Blacksburg, VA - Thompson Ltd.
  - 18 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, PEI, NS, NB and ON.

## ONTARIO PERFORMANCE TRIALS; FALL WHEAT 2004

DESCRIPTION OF VARIETIES/LINES TESTED

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

19 25R23;SRW - Bill Laskar, Pioneer Hi-Bred, Indiana - Pioneer Hi-Bred Ltd.Chatham,ON

20 Harvard;HRW CM98036 - Pf626/80 x FHB8801/78 - Dr. P. Franck, ACS-PZO - C & M Seeds - Sept.2002,5542, Full Regional Registration for Eastern Canada

21 Carlisle;HRW-a CM98091 - MA/MV12//F 2098W2-21 - Dr. P. Franck, ACS-PZO - C & M Seeds - Oct.2002,5551,Full Regional Registration for Nfld, PEI, NS, NB, ON.

22 Vienna;SRW CM24 - unknown, bulk selection - Dr.H.Lafever - C&M Seeds-Aug.2002,5535 Full Regional Registration for Eastern Canada

23 Kristy;SRW CM-RC98109 - KY84-65-3/KY84-64-1 - Dr.D.Van Sanford, Univ. of Kentucky - C & M Seeds - July 2002, 5517, Full Regional Registration for Nfld, PEI, NS, NB, ON.

24 FT Wonder;SRW OTH017:033 - R.Pandeya,Agriculture & Agri-Food Canada and Les Shugar, Thompson Ltd.- Reg.# 5545 - Full National Registration.

25 AC Sampson;HRW R.Pandeya,Agriculture & Agri-Food Canada, Ottawa, ON -Bramhill Seeds

26 TW060:075;SWW Thompson Ltd.

27 25R47;SRW Bill Laskar, Pioneer Hi-Bred, Indiana - Pioneer Hi-Bred Ltd.Chatham,ON

28 RC STRATEGY;SRW VA988W:586- 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.

29 OTF013:081;SWW R.Pandeya,Agriculture & Agri-Food Canada and Les Shugar, Thompson Ltd.

30 TWF020:038;SWW R.Pandeya,Agriculture & Agri-Food Canada and Les Shugar, Thompson Ltd.

31 25W41;SWW Bill Laskar, Pioneer Hi-Bred, Indiana - Pioneer Hi-Bred Ltd.Chatham,ON

32 26R15;SRW Bill Laskar, Pioneer Hi-Bred, Indiana - Pioneer Hi-Bred Ltd.Chatham,ON

33 25R35;SRW Bill Laskar, Pioneer Hi-Bred, Indiana - Pioneer Hi-Bred Ltd.Chatham,ON

34 CM99058;HRW-a Dr. P. Franck, ACS-PZO - C & M Seeds

35 TRIBUTE;SRW VA98W:593 - C.A.Griffey,Virginia Polytech. & State Univ., Blacksburg, VA - Ridgetown College - Univ. of Guelph -

36 RICHLAND;SWW Genesis Brand Seeds

37 GENESIS-DB006;SWW Genesis Brand Seeds

38 TW044:094;SRW Thompson Ltd.

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

## LOCATIONS REPORTING YIELD IN EACH AREA FROM 2000 TO 2004

## AREA I:

2000: Woodslee, Ridgetown, Inwood.  
2001: Woodslee, Ridgetown, Inwood.  
2002: Woodslee, Ridgetown, Inwood.  
2003: Woodslee, Ridgetown, Inwood.  
2004: Woodslee, Ridgetown, Inwood.

## AREA II:

2000: Nairn, Woodstock, Elora, Harriston, Bath.  
2001: Nairn, Woodstock, Elora, Palmerston, Bath.  
2002: Nairn, Woodstock, Elora, Bath.  
2003: Nairn, Elora, Palmerston, Bath.  
2004: Nairn, Elora, Palmerston, Bath.

## AREA III:

2000: There are no yield data for Area III in 2000  
2001: Kemptville, Ottawa.  
2002: Kemptville, Ottawa.  
2003: Ottawa.  
2004: Kemptville

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX

YEAR(S): 2000-2004

KEY NAME	AREA I (15)* MEAN	AREA II (23) MEAN	AREA III ( 6) MEAN	PROV. (44)** MEAN
1 AC RON	100.3	102.8	101.3	102.0
2 AC MORLEY	102.4	100.4	93.9	100.4
3 SUPERIOR	102.9	104.0	110.8	105.1
4 AC MACKINNON	102.3	100.5	105.6	102.2
5 AC MOUNTAIN	98.5	98.8	104.2	100.0
6 AC ESSEX	100.7	101.8	105.2	102.0
7 MAXINE	101.8	97.8	92.7	97.3
8 CALEDONIA	99.8	98.8	88.6	97.9
9 WISDOM	104.1	102.5	101.6	102.6
10 PLATINUM	88.2	90.4	94.3	89.8
11 WHITBY	98.9	101.9	101.6	100.4
OVERALL MEAN	6.45	6.08	5.99	6.17

YEAR(S): 2001-2004

KEY NAME	AREA I (12)* MEAN	AREA II (18) MEAN	AREA III ( 6) MEAN	PROV. (36)** MEAN
1 AC RON	102.3	103.1	102.2	102.9
2 AC MORLEY	102.3	99.7	94.7	99.6
3 SUPERIOR	103.4	103.5	111.7	104.8
4 AC MACKINNON	105.4	103.0	106.4	104.1
5 AC MOUNTAIN	98.6	98.0	105.0	100.6
6 AC ESSEX	100.6	102.9	106.0	103.2
7 MAXINE	98.0	97.4	93.4	96.1
8 CALEDONIA	95.7	98.6	89.1	95.9
9 WISDOM	100.7	101.6	102.4	101.4
10 PLATINUM	90.0	91.6	95.0	91.2
11 WHITBY	99.4	99.7	102.4	101.4
12 WEBSTER	104.0	103.7	101.6	103.3
13 WARWICK	100.4	102.7	96.0	100.5
14 WARTHOG	100.4	95.4	98.1	98.1
15 25R49	103.6	104.2	99.8	103.7
16 PRO 202SRW	97.6	98.2	95.5	97.4
17 WHITNEY	99.7	99.6	100.6	99.3
18 SISSON	97.6	96.9	100.0	96.7
OVERALL MEAN	6.53	6.18	5.94	6.27

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX

YEAR(S): 2002-2004

KEY NAME	AREA I ( 9)*	AREA II (13)	AREA III ( 4)	PROV. (26)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	99.9	102.0	101.4	100.5
2 AC MORLEY	100.9	98.4	95.8	98.7
3 SUPERIOR	102.6	102.4	111.5	105.0
4 AC MACKINNON	101.4	101.4	102.8	103.4
5 AC MOUNTAIN	97.6	99.5	107.8	101.3
6 AC ESSEX	99.2	103.7	105.4	102.3
7 MAXINE	97.1	95.4	93.1	95.4
8 CALEDONIA	98.0	96.1	92.5	96.5
9 WISDOM	99.0	101.4	101.9	101.2
10 PLATINUM	86.9	88.3	90.7	88.4
11 WHITBY	98.3	97.8	95.4	96.8
12 WEBSTER	104.1	102.3	103.6	103.0
13 WARWICK	100.8	101.8	95.7	99.9
14 WARTHOG	100.2	96.1	98.3	97.2
15 25R49	102.4	102.8	102.6	103.5
16 PRO 202SRW	96.0	96.3	91.2	94.6
17 WHITNEY	99.8	97.7	99.1	98.4
18 SISSON	94.7	94.6	96.4	95.6
19 25R23	110.7	105.7	98.5	107.4
20 HARVARD	104.1	103.9	102.7	102.1
21 CARLISLE	99.2	101.8	99.0	99.5
22 VIENNA	110.3	108.0	106.6	108.4
23 KRISTY	96.4	104.5	107.9	102.8
24 FT WONDER	101.5	101.2	94.8	99.7
25 AC SAMPSON	98.6	97.0	105.5	98.4
OVERALL MEAN	6.59	6.08	6.59	6.36

YEAR(S): 2003-2004

KEY NAME	AREA I ( 6)*	AREA II ( 9)	AREA III ( 2)	PROV. (17)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	96.5	101.8	105.1	100.1
2 AC MORLEY	104.0	99.2	97.2	101.1
3 SUPERIOR	102.9	103.3	112.0	105.2
4 AC MACKINNON	105.9	102.3	103.6	102.9
5 AC MOUNTAIN	101.0	99.6	110.2	99.5
6 AC ESSEX	97.8	103.5	108.4	101.0
7 MAXINE	96.5	94.1	93.9	94.5
8 CALEDONIA	91.6	92.2	79.3	90.6
9 WISDOM	101.3	100.5	100.5	100.7
10 PLATINUM	86.0	89.1	89.7	89.6
11 WHITBY	94.5	98.1	94.3	96.8
12 WEBSTER	101.5	100.2	100.4	99.9
13 WARWICK	101.1	102.9	89.8	100.4
14 WARTHOG	95.8	96.0	99.8	98.2
15 25R49	100.5	100.7	101.8	102.1
16 PRO 202SRW	94.7	96.2	90.1	94.7
17 WHITNEY	100.0	94.8	96.0	95.2
18 SISSON	99.1	94.9	91.6	94.7
19 25R23	116.4	105.3	95.0	108.1
20 HARVARD	97.0	102.0	109.1	102.1
21 CARLISLE	97.3	100.4	99.1	99.6
22 VIENNA	110.2	108.0	112.0	109.9
23 KRISTY	100.2	102.8	108.3	101.4
24 FT WONDER	97.0	100.5	95.3	99.8
25 AC SAMPSON	95.5	98.9	109.2	100.2
26 TW060:075	103.5	103.2	98.8	102.2
27 25R47	117.0	111.2	113.1	112.0
28 RC STRATEGY	99.9	97.1	103.8	98.4
29 OTF013:081	91.8	96.9	91.0	95.9
30 TWFO20:038	102.7	104.0	101.8	103.1
OVERALL MEAN	7.07	5.69	7.20	6.37

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

10  
ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX

YEAR : 2004

KEY NAME	AREA I ( 3)* MEAN	AREA II ( 5) MEAN	AREA III ( 1) MEAN	PROV. ( 9)** MEAN
1 AC RON	98.6	101.0	112.5	101.5
2 AC MORLEY	104.8	101.3	105.5	103.0
3 SUPERIOR	101.0	104.9	116.8	104.9
4 AC MACKINNON	99.6	100.6	108.7	101.2
5 AC MOUNTAIN	92.1	98.4	115.8	98.2
6 AC ESSEX	95.9	101.0	117.6	101.2
7 MAXINE	98.2	92.1	108.8	96.0
8 CALEDONIA	92.7	90.8	67.1	88.8
9 WISDOM	98.3	101.4	102.7	100.5
10 PLATINUM	87.7	90.4	90.5	89.5
11 WHITBY	96.2	98.5	98.2	97.7
12 WEBSTER	100.4	100.5	98.2	100.2
13 WARWICK	101.3	101.5	90.0	100.2
14 WARTHOG	102.6	96.4	106.6	99.6
15 25R49	95.0	103.1	108.4	101.0
16 PRO 202SRW	94.8	96.6	87.2	95.0
17 WHITNEY	95.7	92.9	96.3	94.3
18 SISSON	94.2	95.3	84.5	93.7
19 25R23	113.1	107.2	89.7	107.2
20 HARVARD	105.6	98.5	111.0	102.2
21 CARLISLE	99.9	99.9	97.1	99.6
22 VIENNA	111.8	107.7	109.1	109.2
23 KRISTY	94.7	98.4	113.4	98.8
24 FT WONDER	101.5	101.6	100.9	101.5
25 AC SAMPSON	99.1	101.1	120.1	102.5
26 TW060:075	98.1	102.7	91.4	99.9
27 25R47	110.4	107.3	111.3	108.8
28 RC STRATEGY	99.2	95.6	106.9	98.0
29 OTF013:081	99.2	99.9	89.1	98.5
30 TWF020:038	98.7	103.4	101.2	101.6
31 25W41	100.8	100.5	86.9	99.1
32 26R15	108.4	102.7	84.5	102.6
33 25R35	109.5	106.4	87.2	105.3
34 CM99058	87.5	88.1	77.7	86.8
35 TRIBUTE	105.5	102.6	97.9	103.0
36 RICHLAND	98.1	93.8	92.1	95.0
37 GENESIS-D8006	98.0	107.3	101.6	103.6
38 TW044:094	111.4	108.5	115.9	110.3
OVERALL MEAN	6.94	5.53	6.64	6.13

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

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD INDEX  
AREA(S): 1- 3

\*ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

YEAR : 2000

KEY NAME	WE00N	RNO0N	IDO0N	NNO0N	WKO0N	EA00N	HNO0N	BHO0N	MEAN
1 AC RON	98	93	99	103	94	97	107	110	100
2 AC MORLEY	102	102	103	102	96	111	107	102	103
3 SUPERIOR	100	97	103	105	96	107	119	102	104
4 AC MACKINNON	105	86	92	96	97	93	92	92	94
5 AC MOUNTAIN	102	96	102	100	98	100	95	104	100
6 AC ESSEX	109	100	97	97	103	99	100	94	100
7 MAXINE	102	123	100	100	114	110	101	92	105
8 CALEDONIA	99	108	110	106	106	104	92	95	103
9 WISDOM	106	126	107	105	114	108	97	103	108
10 PLATINUM	83	72	85	83	77	75	83	100	82
11 WHITBY	95	97	100	104	105	97	107	106	102
LOCATION MEAN	7.36	5.28	5.61	6.20	7.43	6.23	4.45	4.56	5.89

YEAR : 2001

KEY NAME	WE01N	RN01N	IDO1N	NNO1N	WKO1N	EA01N	PN01N	BH01N	KE01N	O101N	MEAN
1 AC RON	117	101	104	107	107	97	102	105	96	107	104
2 AC MORLEY	99	102	103	94	105	101	103	98	84	98	99
3 SUPERIOR	105	103	103	100	101	104	106	104	107	113	105
4 AC MACKINNON	113	99	90	102	105	97	96	114	112	112	104
5 AC MOUNTAIN	109	92	86	97	92	84	93	102	99	96	95
6 AC ESSEX	111	95	90	96	93	95	99	105	104	107	99
7 MAXINE	82	100	105	99	100	96	94	94	89	96	96
8 CALEDONIA	95	94	100	95	106	109	104	96	94	68	96
9 WISDOM	97	99	104	99	103	96	98	100	101	102	100
10 PLATINUM	84	99	103	103	93	98	111	78	95	109	97
11 WHITBY	113	101	103	97	101	106	113	100	118	111	106
12 WEBSTER	103	107	102	101	106	102	108	99	98	94	102
13 WARWICK	93	104	105	109	93	109	102	107	108	83	101
14 WARTHOG	97	92	90	94	80	101	93	84	103	90	92
15 25R49	111	106	101	95	108	113	98	110	87	98	103
16 PRO 202SRW	93	104	101	114	102	102	86	103	103	102	101
17 WHITNEY	93	102	107	102	105	95	96	99	103	101	100
18 SISSON	91	99	103	96	99	96	98	100	101	110	99
LOCATION MEAN	4.97	7.57	6.29	6.02	7.48	7.66	6.51	4.83	4.40	5.13	6.09

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD INDEX  
AREA(S): 1- 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

YEAR : 2002

KEY NAME	WE02N	RN02N	ID02N	NN02N	WK02N	EA02N	BH02N	KE02N	O102N	MEAN
1 AC RON	107	94	101	104	100	101	101	93	101	100
2 AC MORLEY	97	97	95	93	98	86	105	87	101	95
3 SUPERIOR	109	96	92	98	104	95	100	115	106	102
4 AC MACKINNON	104	100	104	97	95	99	102	106	98	100
5 AC MOUNTAIN	101	106	96	95	95	106	98	113	97	101
6 AC ESSEX	102	103	99	103	102	105	103	108	96	102
7 MAXINE	90	95	98	90	99	96	104	95	89	95
8 CALEDONIA	106	106	103	97	101	114	104	114	96	105
9 WISDOM	102	95	99	106	98	106	100	103	103	101
10 PLATINUM	83	85	90	91	79	92	79	84	99	87
11 WHITBY	105	99	96	104	89	102	89	89	104	97
12 WEBSTER	104	109	101	101	110	114	99	110	103	106
13 WARWICK	94	106	92	112	96	92	93	105	98	99
14 WARTHOG	98	94	108	94	93	97	98	97	96	97
15 25R49	113	107	106	104	112	109	101	102	104	106
16 PRO 202SRW	100	93	99	93	97	93	98	93	91	95
17 WHITNEY	108	102	104	97	114	98	103	102	102	103
18 SISSON	92	89	92	89	104	83	95	100	102	94
19 25R23	104	108	117	106	105	109	101	101	103	106
20 HARVARD	92	108	106	106	108	107	106	95	97	103
21 CARLISLE	91	100	105	113	104	94	103	91	106	101
22 VIENNA	116	106	102	102	101	110	114	96	105	106
23 KRISTY	86	105	100	102	107	105	114	111	103	104
24 FT WONDER	95	107	103	107	97	98	105	89	99	100
25 AC SAMPSON	103	91	92	96	94	89	87	103	100	95
LOCATION MEAN	5.54	6.11	5.78	5.27	8.39	7.61	6.82	6.64	5.37	6.39

YEAR : 2003

KEY NAME	WE03N	RN03N	ID03N	NN03N	EA03N	PN03N	BH03N	MEAN
1 AC RON	102	91	100	110	106	100	94	100
2 AC MORLEY	106	99	93	98	99	101	87	97
3 SUPERIOR	102	109	104	101	99	105	99	103
4 AC MACKINNON	111	108	103	108	99	106	102	105
5 AC MOUNTAIN	108	94	100	104	103	95	100	101
6 AC ESSEX	100	99	100	112	112	98	103	103
7 MAXINE	94	100	101	93	109	94	89	97
8 CALEDONIA	90	94	95	103	77	91	102	93
9 WISDOM	107	97	99	101	97	97	101	100
10 PLATINUM	86	88	88	85	88	92	83	87
11 WHITBY	100	89	94	109	94	92	94	96
12 WEBSTER	99	103	108	107	98	102	91	101
13 WARWICK	98	100	100	115	91	107	104	102
14 WARTHOG	89	99	98	89	95	96	101	95
15 25R49	104	100	107	99	76	103	112	100
16 PRO 202SRW	95	94	96	100	97	89	95	95
17 WHITNEY	102	98	98	95	102	96	93	98
18 SISSON	102	98	102	90	99	91	95	97
19 25R23	117	114	109	114	84	111	101	107
20 HARVARD	95	100	105	100	118	107	99	103
21 CARLISLE	90	103	102	101	103	98	101	100
22 VIENNA	110	105	101	94	116	108	114	107
23 KRISTY	97	104	100	97	116	108	111	105
24 FT WONDER	95	93	99	97	93	92	112	97
25 AC SAMPSON	91	101	97	95	99	96	94	96
26 TW060:075	108	105	102	96	111	109	98	104
27 25R47	119	119	112	104	122	107	130	116
28 RC STRATEGY	94	101	98	97	97	103	97	98
29 OTF013:081	83	92	89	86	94	99	92	91
30 TWF020:038	106	104	101	99	105	107	106	104
LOCATION MEAN	7.67	7.06	7.14	5.51	6.26	6.46	5.47	6.51



## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD  
 YEAR : 2004  
 AREA(S): 1- 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WE04N	RN04N	ID04N	NN04N	WK04N	EA04N	PNO4N	BHO4N	KE04N
1 AC RON	96	104	96	107	104	100	103	91	112
2 AC MORLEY	106	102	107	101	110	96	100	100	106
3 SUPERIOR	99	108	97	103	103	102	106	112	117
4 AC MACKINNON	98	103	98	98	101	101	100	103	109
5 AC MOUNTAIN	79	98	100	112	91	95	100	93	116
6 AC ESSEX	95	99	93	104	103	100	96	103	118
7 MAXINE	99	101	95	83	93	93	96	94	109
8 CALEDONIA	90	98	90	95	92	93	97	77	67
9 WISDOM	95	101	98	102	97	100	101	107	103
10 PLATINUM	90	90	83	88	86	83	88	108	90
11 WHITBY	99	97	93	109	92	90	98	104	98
12 WEBSTER	103	98	101	99	100	105	104	95	98
13 WARWICK	102	95	107	111	100	96	103	97	90
14 WARTHOG	107	102	99	96	92	100	95	100	107
15 25R49	99	90	96	104	107	100	105	100	108
16 PRO 202SRW	95	95	93	105	95	93	96	95	87
17 WHITNEY	93	96	99	89	106	98	92	79	96
18 SISSON	91	95	97	87	105	100	93	92	84
19 25R23	110	113	117	109	104	107	107	109	90
20 HARVARD	112	110	95	91	100	103	95	103	111
21 CARLISLE	102	100	98	93	100	97	99	111	97
22 VIENNA	114	107	114	104	104	109	109	112	109
23 KRISTY	87	98	99	98	105	97	88	103	113
24 FT WONDER	103	100	102	96	104	102	101	105	101
25 AC SAMPSON	107	97	93	100	105	103	99	98	120
26 TW060:075	97	101	97	101	100	100	99	113	91
27 25R47	119	100	112	100	106	115	107	108	111
28 RC STRATEGY	93	100	104	90	100	102	100	87	107
29 OTF013:081	103	96	98	102	96	103	98	101	89
30 TWF020:038	101	97	98	102	102	102	103	108	101
31 25W41	97	97	109	108	97	105	97	97	87
32 26R15	107	110	108	106	105	104	106	92	84
33 25R35	118	102	109	102	102	108	112	109	87
34 CM99058	81	90	91	93	78	86	96	88	78
35 TRIBUTE	99	104	114	97	101	100	109	105	98
36 RICHLAND	95	108	91	96	94	92	94	93	92
37 GENESIS-D8006	105	89	100	112	111	104	102	108	102
38 TW044:094	113	109	113	107	109	115	110	102	116
LOCATION MEAN	7.60	7.29	5.95	4.59	6.29	6.41	7.48	2.89	6.64

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

TRAIT : YIELD  
 AREAS : 1 - 3  
 YEAR(S): 2000-2004

KEY NAME	AREA I (15)*	AREA II (23)	AREA III ( 6)	PROV. (44)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	6.47	6.24	6.08	6.30
2 AC MORLEY	6.54	6.10	5.65	6.19
3 SUPERIOR	6.60	6.28	6.66	6.44
4 AC MACKINNON	6.54	6.11	6.31	6.28
5 AC MOUNTAIN	6.32	5.98	6.31	6.14
6 AC ESSEX	6.44	6.17	6.33	6.28
7 MAXINE	6.42	5.98	5.56	6.07
8 CALEDONIA	6.35	6.07	5.32	6.06
9 WISDOM	6.61	6.21	6.09	6.33
10 PLATINUM	5.69	5.41	5.60	5.53
11 WHITBY	6.38	6.10	5.99	6.18
OVERALL MEAN	6.45	6.08	5.99	6.17

## 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	100.3	102.8	101.3	102.0
2 AC MORLEY	102.4	100.4	93.9	100.4
3 SUPERIOR	102.9	104.0	110.8	105.1
4 AC MACKINNON	102.3	100.5	105.6	102.2
5 AC MOUNTAIN	98.5	98.8	104.2	100.0
6 AC ESSEX	100.7	101.8	105.2	102.0
7 MAXINE	101.8	97.8	92.7	97.3
8 CALEDONIA	99.8	98.8	88.6	97.9
9 WISDOM	104.1	102.5	101.6	102.6
10 PLATINUM	88.2	90.4	94.3	89.8
11 WHITBY	98.9	101.9	101.6	100.4
OVERALL MEAN	6.45	6.08	5.99	6.17

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

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	5	6.47	73.6	37	.	1.0	108	154	2.3	3.9	3.7	.	4.1	.	2.5	.	194
2 AC MORLEY	3	6.54	78.0	37	.	2.7	116	154	1.1	0.9	2.9	.	2.7	.	3.0	.	194
3 SUPERIOR	2	6.60	74.6	39	.	1.1	105	155	1.6	3.0	2.8	.	5.4	.	2.8	.	196
4 AC MACKINNON	3	6.54	73.1	36	.	0.8	104	152	3.0	4.5	3.2	.	7.8	.	3.0	.	193
5 AC MOUNTAIN	10	6.32	73.2	36	.	1.9	106	153	2.8	3.2	3.5	.	3.0	.	2.5	.	193
6 AC ESSEX	6	6.44	73.4	37	.	1.2	104	153	2.5	3.5	3.0	.	6.8	.	2.5	.	193
7 MAXINE	7	6.42	77.4	42	.	1.1	97	151	0.5	0.8	2.2	.	4.0	.	2.8	.	194
8 CALEDONIA	9	6.35	73.3	38	.	0.7	92	153	2.1	1.8	2.8	.	6.1	.	2.8	.	195
9 WISDOM	1	6.61	75.0	36	.	2.4	97	149	3.1	0.5	4.2	.	8.2	.	5.5	.	192
10 PLATINUM	11	5.69	78.4	39	.	1.6	113	157	0.9	1.1	2.2	.	3.7	.	3.3	.	197
11 WHITBY	8	6.38	73.4	38	.	1.6	109	156	1.5	1.9	4.7	.	4.7	.	3.3	.	195
LOCATIONS		15	15	14	0		9	15	11	4	2	0	5	0	1	0	4

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

YEAR(S): 2000-2004

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	6.24	73.6	39	92	0.7	107	162	3.3	3.6	4.7	0.5	8.5	.	0.5	2.0	199
2 AC MORLEY	6	6.10	78.4	39	94	1.5	115	162	1.6	0.6	3.9	0.9	2.8	.	0.8	0.5	201
3 SUPERIOR	1	6.28	74.9	41	93	0.6	103	163	2.4	3.0	4.4	0.5	5.2	.	0.2	3.0	202
4 AC MACKINNON	5	6.11	73.5	37	94	0.4	102	160	2.8	5.0	5.7	2.0	7.1	.	0.1	1.5	199
5 AC MOUNTAIN	9	5.98	73.2	38	95	0.8	104	161	3.2	4.1	4.9	0.7	6.7	.	0.4	2.5	199
6 AC ESSEX	4	6.17	73.7	39	95	0.3	103	161	3.0	2.9	5.0	0.9	6.8	.	0.2	1.5	199
7 MAXINE	9	5.98	77.9	43	94	0.1	94	160	0.5	2.1	5.3	0.7	4.9	.	0.4	0.0	199
8 CALEDONIA	8	6.07	73.6	39	93	0.1	90	161	3.0	2.8	4.5	0.5	7.4	.	0.1	1.0	200
9 WISDOM	3	6.21	75.3	36	92	0.9	95	159	3.6	0.6	5.4	2.0	3.1	.	0.4	0.0	198
10 PLATINUM	11	5.41	78.4	40	96	1.1	114	165	2.0	1.6	4.3	0.8	5.4	.	0.2	0.5	201
11 WHITBY	6	6.10	72.8	40	94	1.7	107	164	2.3	1.5	4.9	0.5	5.0	.	0.1	0.0	201
LOCATIONS		23	24	24	12	13	24	23	16	9	17	3	12	0	2	1	6

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	6.08	76.1	41	91	1.4	99	163	2.0	8.0	7.5	.	.	.	.	.	.
2 AC MORLEY	8	5.65	79.4	39	86	1.5	108	163	0.4	7.3	7.3	.	.	.	.	.	.
3 SUPERIOR	1	6.66	76.5	40	91	1.7	98	164	1.8	8.0	7.5	.	.	.	.	.	.
4 AC MACKINNON	3	6.31	75.4	39	88	1.4	97	160	3.3	8.3	8.0	.	.	.	.	.	.
5 AC MOUNTAIN	3	6.31	75.5	40	92	1.5	96	161	3.2	8.3	8.0	.	.	.	.	.	.
6 AC ESSEX	2	6.33	75.4	41	89	1.0	94	161	2.8	8.3	8.0	.	.	.	.	.	.
7 MAXINE	10	5.56	79.3	44	77	1.1	87	159	1.0	0.0	8.0	.	.	.	.	.	.
8 CALEDONIA	11	5.32	75.3	39	80	0.8	81	162	4.1	1.8	8.0	.	.	.	.	.	.
9 WISDOM	5	6.09	76.9	35	90	2.2	89	158	3.7	0.0	8.0	.	.	.	.	.	.
10 PLATINUM	9	5.60	80.6	40	94	0.8	108	165	0.8	1.8	7.3	.	.	.	.	.	.
11 WHITBY	7	5.99	75.1	42	87	1.4	101	165	1.0	5.8	7.5	.	.	.	.	.	.
LOCATIONS		6	6	6	3	4	6	6	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	3	6.30	73.9	39	92	0.9	106	160	2.8	4.0	4.7	0.5	7.2	.	1.1	2.0	197
2 AC MORLEY	6	6.19	78.4	38	92	1.9	114	160	1.3	1.2	4.0	0.9	2.8	.	1.5	0.5	198
3 SUPERIOR	1	6.44	75.0	40	93	0.9	103	161	2.0	3.4	4.4	0.5	5.3	.	1.1	3.0	199
4 AC MACKINNON	4	6.28	73.6	37	93	0.7	102	158	2.9	5.1	5.6	2.0	7.3	.	1.1	1.5	196
5 AC MOUNTAIN	8	6.14	73.5	38	94	1.3	103	159	3.0	4.1	4.9	0.7	5.6	.	1.1	2.5	196
6 AC ESSEX	4	6.28	73.8	39	94	0.7	102	159	2.8	3.5	5.0	0.9	6.8	.	1.0	1.5	196
7 MAXINE	9	6.07	78.0	43	91	0.6	94	157	0.5	1.5	5.1	0.7	4.6	.	1.2	0.0	196
8 CALEDONIA	10	6.06	73.7	39	90	0.4	89	159	2.7	2.4	4.5	0.5	7.0	.	1.0	1.0	198
9 WISDOM	2	6.33	75.4	36	92	1.6	95	156	3.4	0.5	5.4	2.0	4.6	.	2.1	0.0	195
10 PLATINUM	11	5.53	78.7	40	95	1.2	113	163	1.5	1.5	4.2	0.8	4.9	.	1.2	0.5	199
11 WHITBY	7	6.18	73.3	40	93	1.6	107	162	1.9	1.9	5.0	0.5	4.9	.	1.1	0.0	198
LOCATIONS		44	45	44	15	26	45	40	30	14	20	3	17	0	3	1	10

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

TRAIT : YIELD  
 AREAS : 1 - 3  
 YEAR(S): 2001-2004

KEY NAME	AREA I (12)* MEAN	AREA II (18) MEAN	AREA III ( 6) MEAN	PROV. (36)** MEAN
1 AC RON	6.62	6.36	6.08	6.40
2 AC MORLEY	6.62	6.14	5.65	6.22
3 SUPERIOR	6.73	6.34	6.66	6.52
4 AC MACKINNON	6.73	6.29	6.31	6.44
5 AC MOUNTAIN	6.37	6.05	6.31	6.20
6 AC ESSEX	6.49	6.30	6.33	6.37
7 MAXINE	6.39	5.97	5.56	6.04
8 CALEDONIA	6.34	6.12	5.32	6.06
9 WISDOM	6.55	6.23	6.09	6.31
10 PLATINUM	5.88	5.59	5.60	5.69
11 WHITBY	6.50	6.13	5.99	6.23
12 WEBSTER	6.78	6.40	6.08	6.47
13 WARWICK	6.57	6.32	5.69	6.30
14 WARTHOG	6.42	5.86	5.84	6.04
15 25R49	6.77	6.43	5.98	6.47
16 PRO 202SRW	6.36	6.05	5.64	6.09
17 WHITNEY	6.58	6.15	5.97	6.26
18 SISSON	6.32	5.94	5.91	6.06
OVERALL MEAN	6.53	6.18	5.94	6.27

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I (12)* MEAN	AREA II (18) MEAN	AREA III ( 6) MEAN	PROV. (36)** MEAN
1 AC RON	102.3	103.1	102.2	102.9
2 AC MORLEY	102.3	99.7	94.7	99.6
3 SUPERIOR	103.4	103.5	111.7	104.8
4 AC MACKINNON	105.4	103.0	106.4	104.1
5 AC MOUNTAIN	98.6	98.0	105.0	100.6
6 AC ESSEX	100.6	102.9	106.0	103.2
7 MAXINE	98.0	97.4	93.4	96.1
8 CALEDONIA	95.7	98.6	89.1	95.9
9 WISDOM	100.7	101.6	102.4	101.4
10 PLATINUM	90.0	91.6	95.0	91.2
11 WHITBY	99.4	99.7	102.4	101.4
12 WEBSTER	104.0	103.7	101.6	103.3
13 WARWICK	100.4	102.7	96.0	100.5
14 WARTHOG	100.4	95.4	98.1	98.1
15 25R49	103.6	104.2	99.8	103.7
16 PRO 202SRW	97.6	98.2	95.5	97.4
17 WHITNEY	99.7	99.6	100.6	99.3
18 SISSON	97.6	96.9	100.0	96.7
OVERALL MEAN	6.53	6.18	5.94	6.27

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

YEAR(S): 2001-2004

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	5	6.62	74.3	37	0.5	107	155	1.8	3.2	3.3	6.7	2.5	194			
2 AC MORLEY	5	6.62	78.3	38	1.6	116	155	0.6	0.2	2.3	4.2	3.0	196			
3 SUPERIOR	3	6.73	75.2	40	0.2	104	156	1.3	1.8	2.0	8.2	2.8	197			
4 AC MACKINNON	3	6.73	74.2	37	0.6	103	153	2.8	3.2	4.0	13.0	3.0	193			
5 AC MOUNTAIN	14	6.37	73.7	37	1.4	105	154	2.0	1.5	3.0	4.8	2.5	193			
6 AC ESSEX	11	6.49	73.8	38	0.7	103	154	1.7	2.0	3.0	11.3	2.5	194			
7 MAXINE	13	6.39	77.8	42	0.3	96	152	0.5	0.2	2.3	6.6	2.8	194			
8 CALEDONIA	16	6.34	73.9	39	0.3	91	154	1.8	1.0	3.0	9.7	2.8	196			
9 WISDOM	9	6.55	75.2	36	2.2	96	150	3.3	0.0	5.5	13.7	5.5	192			
10 PLATINUM	18	5.88	79.1	40	0.6	113	158	0.6	0.8	2.5	4.9	3.3	198			
11 WHITBY	10	6.50	74.1	39	0.9	108	157	1.3	1.5	4.3	7.6	3.3	196			
12 WEBSTER	1	6.78	74.8	35	2.2	98	152	1.7	0.5	3.0	11.0	3.5	193			
13 WARWICK	8	6.57	76.6	39	1.1	99	152	1.6	0.5	2.5	7.4	3.3	193			
14 WARTHOG	12	6.42	78.8	37	0.2	100	154	2.3	0.5	3.8	6.2	3.3	193			
15 25R49	2	6.77	75.8	40	0.8	92	151	3.1	0.8	2.0	16.5	2.5	194			
16 PRO 202SRW	15	6.36	74.4	38	0.1	88	152	0.5	2.0	3.8	15.6	2.8	195			
17 WHITNEY	7	6.58	75.5	36	1.6	86	152	0.2	1.0	2.0	20.4	2.3	194			
18 SISSON	17	6.32	75.6	34	1.3	83	151	0.3	1.0	3.5	24.5	3.3	193			
LOCATIONS	12	12	12	0	6	12	9	9	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	6.36	74.5	40	91	0.8	106	163	3.1	3.4	4.7	0.5	11.6	0.6	201	
2 AC MORLEY	10	6.14	79.0	40	93	1.7	115	163	1.6	0.5	4.1	0.9	3.4	0.5	202	
3 SUPERIOR	4	6.34	75.5	42	92	0.6	102	164	2.2	2.6	4.5	0.5	7.1	0.0	203	
4 AC MACKINNON	7	6.29	74.5	39	93	0.3	102	161	2.9	4.3	5.7	2.0	9.6	0.0	200	
5 AC MOUNTAIN	13	6.05	73.9	39	94	1.0	103	162	2.9	3.7	4.8	0.7	8.9	0.5	201	
6 AC ESSEX	6	6.30	74.2	40	95	0.4	102	162	2.8	2.6	5.0	0.9	8.9	0.0	201	
7 MAXINE	15	5.97	78.3	43	94	0.0	93	161	0.5	1.8	5.5	0.7	6.5	0.4	200	
8 CALEDONIA	12	6.12	74.1	40	92	0.1	89	162	3.1	2.6	4.7	0.5	9.8	0.2	201	
9 WISDOM	8	6.23	75.7	37	91	1.3	94	159	3.9	0.7	5.6	2.0	3.8	0.6	200	
10 PLATINUM	18	5.59	79.4	41	95	0.8	114	166	1.8	1.5	4.5	0.8	7.3	0.4	202	
11 WHITBY	11	6.13	73.3	41	94	1.9	106	164	2.1	1.5	4.9	0.5	6.8	0.1	202	
12 WEBSTER	2	6.40	74.8	37	91	2.1	96	161	3.6	1.5	4.9	0.8	7.2	0.6	200	
13 WARWICK	5	6.32	76.0	41	94	0.3	97	160	2.8	0.7	4.9	0.4	5.8	0.5	200	
14 WARTHOG	17	5.86	79.1	39	93	0.1	100	163	3.6	0.9	4.9	1.3	5.6	0.4	200	
15 25R49	1	6.43	76.7	41	90	0.3	87	160	3.1	1.4	4.9	1.3	8.2	0.3	201	
16 PRO 202SRW	13	6.05	75.7	41	86	0.0	87	161	0.8	3.7	6.0	0.6	14.3	0.0	201	
17 WHITNEY	9	6.15	77.0	37	91	0.5	83	161	0.6	1.1	5.5	0.9	8.1	0.0	201	
18 SISSON	16	5.94	77.0	37	90	0.3	82	159	0.5	1.8	5.4	1.4	8.3	0.4	201	
LOCATIONS	18	19	19	10	9	19	19	12	7	14	3	8	0	1	0	5

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

YEAR(S): 2001-2004

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	6.08	76.1	41	91	1.4	99	163	2.0	8.0	7.5	.	.	.	.	.
2 AC MORLEY	14	5.65	79.4	39	86	1.5	108	163	0.4	7.3	7.3	.	.	.	.	.
3 SUPERIOR	1	6.66	76.5	40	91	1.7	98	164	1.8	8.0	7.5	.	.	.	.	.
4 AC MACKINNON	3	6.31	75.4	39	88	1.4	97	160	3.3	8.3	8.0	.	.	.	.	.
5 AC MOUNTAIN	3	6.31	75.5	40	92	1.5	96	161	3.2	8.3	8.0	.	.	.	.	.
6 AC ESSEX	2	6.33	75.4	41	89	1.0	94	161	2.8	8.3	8.0	.	.	.	.	.
7 MAXINE	17	5.56	79.3	44	77	1.1	87	159	1.0	0.0	8.0	.	.	.	.	.
8 CALEDONIA	18	5.32	75.3	39	80	0.8	81	162	4.1	1.8	8.0	.	.	.	.	.
9 WISDOM	5	6.09	76.9	35	90	2.2	89	158	3.7	0.0	8.0	.	.	.	.	.
10 PLATINUM	16	5.60	80.6	40	94	0.8	108	165	0.8	1.8	7.3	.	.	.	.	.
11 WHITBY	8	5.99	75.1	42	87	1.4	101	165	1.0	5.8	7.5	.	.	.	.	.
12 WEBSTER	6	6.08	76.4	37	90	2.7	92	161	3.2	0.0	7.8	.	.	.	.	.
13 WARWICK	13	5.69	77.8	40	84	2.7	90	159	3.4	5.8	8.3	.	.	.	.	.
14 WARTHOG	12	5.84	80.2	39	90	0.8	93	162	3.0	5.3	8.0	.	.	.	.	.
15 25R49	9	5.98	76.6	38	89	1.8	82	158	2.4	2.0	8.5	.	.	.	.	.
16 PRO 202SRW	15	5.64	76.1	39	88	0.8	82	160	0.8	8.0	9.0	.	.	.	.	.
17 WHITNEY	10	5.97	77.5	36	87	1.5	78	160	0.6	5.0	7.8	.	.	.	.	.
18 SISSON	11	5.91	77.3	38	91	2.0	79	159	0.5	4.0	8.0	.	.	.	.	.
LOCATIONS	6	6	6	3	4	6	6	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	5	6.40	74.7	40	91	0.8	105	161	2.5	3.8	4.8	0.5	10.3	.	1.5	198
2 AC MORLEY	11	6.22	78.9	39	91	1.6	114	161	1.1	1.1	4.2	0.9	3.7	.	1.8	199
3 SUPERIOR	1	6.52	75.6	41	92	0.7	102	162	1.8	2.9	4.5	0.5	7.4	.	1.4	200
4 AC MACKINNON	4	6.44	74.5	38	92	0.6	101	159	2.9	4.5	5.8	2.0	10.5	.	1.5	197
5 AC MOUNTAIN	12	6.20	74.1	39	93	1.2	102	160	2.6	3.7	4.9	0.7	7.8	.	1.5	197
6 AC ESSEX	6	6.37	74.2	40	93	0.6	101	160	2.4	3.0	5.1	0.9	9.6	.	1.2	197
7 MAXINE	16	6.04	78.3	43	90	0.3	93	158	0.6	1.3	5.5	0.7	6.5	.	1.6	197
8 CALEDONIA	14	6.06	74.2	39	89	0.3	88	160	2.7	2.2	4.8	0.5	9.8	.	1.5	199
9 WISDOM	7	6.31	75.7	36	91	1.7	94	157	3.6	0.5	5.8	2.0	6.5	.	3.0	196
10 PLATINUM	18	5.69	79.5	40	95	0.7	113	164	1.3	1.4	4.5	0.8	6.6	.	1.9	200
11 WHITBY	10	6.23	73.9	40	92	1.4	106	162	1.7	1.9	5.1	0.5	7.0	.	1.7	199
12 WEBSTER	2	6.47	75.0	36	91	2.3	96	159	2.8	1.1	4.9	0.8	8.2	.	2.0	197
13 WARWICK	8	6.30	76.5	40	92	1.1	96	158	2.4	1.2	5.0	0.4	6.2	.	1.9	197
14 WARTHOG	16	6.04	79.2	38	93	0.3	99	160	3.0	1.3	5.0	1.3	5.8	.	1.9	197
15 25R49	2	6.47	76.4	40	90	0.7	87	157	3.1	1.3	4.9	1.3	10.5	.	1.4	198
16 PRO 202SRW	13	6.09	75.3	40	86	0.2	87	158	0.7	3.8	6.0	0.6	14.7	.	1.4	198
17 WHITNEY	9	6.26	76.6	37	90	1.1	83	158	0.4	1.5	5.4	0.9	11.4	.	1.1	198
18 SISSON	14	6.06	76.6	36	90	1.0	82	157	0.4	1.9	5.5	1.4	12.7	.	1.9	197
LOCATIONS	36	37	37	13	19	37	34	23	10	16	3	11	0	2	0	8

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

TRAIT : YIELD  
 AREAS : 1 - 3  
 YEAR(S): 2002-2004

KEY NAME	AREA I ( 9)*	AREA II (13)	AREA III ( 4)	PROV. (26)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	6.61	6.22	6.68	6.43
2 AC MORLEY	6.70	5.98	6.29	6.28
3 SUPERIOR	6.80	6.20	7.37	6.59
4 AC MACKINNON	6.89	6.16	6.79	6.51
5 AC MOUNTAIN	6.52	6.05	7.14	6.38
6 AC ESSEX	6.61	6.30	6.97	6.51
7 MAXINE	6.48	5.84	6.13	6.11
8 CALEDONIA	6.44	5.92	6.08	6.12
9 WISDOM	6.64	6.15	6.71	6.41
10 PLATINUM	5.82	5.30	5.95	5.58
11 WHITBY	6.47	5.89	6.26	6.15
12 WEBSTER	6.86	6.28	6.83	6.57
13 WARWICK	6.64	6.16	6.28	6.34
14 WARTHOG	6.63	5.83	6.48	6.21
15 25R49	6.83	6.28	6.74	6.54
16 PRO 202SRW	6.39	5.85	6.02	6.06
17 WHITNEY	6.65	6.03	6.52	6.32
18 SISSON	6.38	5.78	6.34	6.07
19 25R23	7.50	6.42	6.48	6.80
20 HARVARD	6.87	6.34	6.80	6.59
21 CARLISLE	6.61	6.16	6.51	6.37
22 VIENNA	7.23	6.56	7.06	6.87
23 KRISTY	6.50	6.36	7.12	6.53
24 FT WONDER	6.65	6.13	6.23	6.33
25 AC SAMPSON	6.49	5.88	6.96	6.26
OVERALL MEAN	6.59	6.08	6.59	6.36

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I ( 9)*	AREA II (13)	AREA III ( 4)	PROV. (26)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	99.9	102.0	101.4	100.5
2 AC MORLEY	100.9	98.4	95.8	98.7
3 SUPERIOR	102.6	102.4	111.5	105.0
4 AC MACKINNON	101.4	101.4	102.8	103.4
5 AC MOUNTAIN	97.6	99.5	107.8	101.3
6 AC ESSEX	99.2	103.7	105.4	102.3
7 MAXINE	97.1	95.4	93.1	95.4
8 CALEDONIA	98.0	96.1	92.5	96.5
9 WISDOM	99.0	101.4	101.9	101.2
10 PLATINUM	86.9	88.3	90.7	88.4
11 WHITBY	98.3	97.8	95.4	96.8
12 WEBSTER	104.1	102.3	103.6	103.0
13 WARWICK	100.8	101.8	95.7	99.9
14 WARTHOG	100.2	96.1	98.3	97.2
15 25R49	102.4	102.8	102.6	103.5
16 PRO 202SRW	96.0	96.3	91.2	94.6
17 WHITNEY	99.8	97.7	99.1	98.4
18 SISSON	94.7	94.6	96.4	95.6
19 25R23	110.7	105.7	98.5	107.4
20 HARVARD	104.1	103.9	102.7	102.1
21 CARLISLE	99.2	101.8	99.0	99.5
22 VIENNA	110.3	108.0	106.6	108.4
23 KRISTY	96.4	104.5	107.9	102.8
24 FT WONDER	101.5	101.2	94.8	99.7
25 AC SAMPSON	98.6	97.0	105.5	98.4
OVERALL MEAN	6.59	6.08	6.59	6.36

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

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

YEAR(S): 2002-2004

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	14	6.61	73.6	37	.0	0.3	107	156	1.4	.3	13.0	.2	2.5	.1	194	
2 AC MORLEY	8	6.70	77.9	37	.1	1.3	116	156	0.5	.3	10.0	.3	3.0	.1	196	
3 SUPERIOR	7	6.80	74.7	39	.0	0.4	104	157	1.5	.2	20.0	.2	2.8	.1	197	
4 AC MACKINNON	3	6.89	73.8	37	.0	0.2	103	154	2.8	.4	30.0	.3	3.0	.1	193	
5 AC MOUNTAIN	17	6.52	73.3	37	.0	0.8	104	155	2.0	.3	10.0	.2	2.5	.1	194	
6 AC ESSEX	14	6.61	73.3	38	.0	0.2	102	155	1.6	.3	28.0	.2	2.5	.1	194	
7 MAXINE	20	6.48	77.2	41	.0	0.5	96	153	0.6	.3	15.0	.2	2.8	.1	194	
8 CALEDONIA	22	6.44	73.4	38	.0	0.5	91	155	1.6	.3	23.0	.2	2.8	.1	196	
9 WISDOM	11	6.64	74.4	35	.0	1.9	96	152	3.4	.5	38.0	.5	5.5	.1	192	
10 PLATINUM	25	5.82	78.5	39	.0	0.8	114	159	0.7	.2	13.0	.3	3.3	.1	198	
11 WHITBY	21	6.47	73.2	38	.0	0.6	109	157	1.3	.4	18.0	.3	3.3	.1	197	
12 WEBSTER	5	6.86	74.3	35	.0	2.0	99	153	1.6	.3	28.0	.3	3.5	.1	193	
13 WARWICK	11	6.64	76.1	38	.0	1.4	99	153	1.5	.2	18.0	.3	3.3	.1	193	
14 WARTHOG	13	6.63	78.4	37	.0	0.3	101	155	2.2	.3	15.0	.3	3.3	.1	194	
15 25R49	6	6.83	75.0	39	.0	0.8	94	152	3.6	.2	45.0	.2	2.5	.1	194	
16 PRO 202SRW	23	6.39	73.7	37	.0	0.1	89	152	0.5	.3	40.0	.2	2.8	.1	194	
17 WHITNEY	9	6.65	74.8	35	.0	1.8	87	153	0.3	.2	55.0	.2	2.3	.1	193	
18 SISSON	24	6.38	74.9	34	.0	1.4	84	153	0.3	.3	68.0	.3	3.3	.1	193	
19 25R23	1	7.50	75.8	37	.0	0.1	96	155	2.4	.2	10.0	.3	3.3	.1	196	
20 HARVARD	4	6.87	78.6	43	.0	0.3	101	153	0.9	.3	35.0	.5	5.0	.1	194	
21 CARLISLE	14	6.61	77.8	44	.0	0.2	91	152	1.4	.2	23.0	.2	2.0	.1	194	
22 VIENNA	2	7.23	75.0	34	.0	1.0	100	154	0.2	.3	13.0	.2	2.5	.1	196	
23 KRISTY	18	6.50	74.5	37	.0	0.8	95	152	0.4	.2	33.0	.3	3.3	.1	194	
24 FT WONDER	9	6.65	76.2	41	.0	2.2	98	152	0.5	.2	18.0	.6	6.8	.1	192	
25 AC SAMPSON	19	6.49	75.1	39	.0	0.5	100	158	1.2	.2	15.0	.4	4.3	.1	196	
LOCATIONS	9	9	9	0	4	9	7	7	0	1	0	1	0	1	0	2

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	6.22	73.3	40	90	0.7	105	164	2.4	3.0	4.9	0.8	13.1	.0	0.6	202
2 AC MORLEY	17	5.98	78.7	40	88	2.0	115	164	1.4	0.4	4.0	1.1	3.9	.0	0.5	204
3 SUPERIOR	9	6.20	74.6	42	87	0.7	102	166	1.9	2.6	4.6	0.5	8.0	.0	0.0	205
4 AC MACKINNON	10	6.16	73.6	38	90	0.3	101	163	2.5	2.8	5.8	1.8	10.7	.0	0.0	202
5 AC MOUNTAIN	15	6.05	73.0	39	91	1.0	103	164	2.2	3.8	5.0	0.5	10.1	.0	0.5	202
6 AC ESSEX	5	6.30	73.0	40	92	0.5	101	164	2.2	2.1	5.1	0.9	10.1	.0	0.0	202
7 MAXINE	22	5.84	77.9	43	89	0.0	92	163	0.7	2.4	5.8	1.0	7.3	.0	0.4	202
8 CALEDONIA	18	5.92	72.8	39	86	0.1	88	164	2.6	3.2	4.9	0.5	10.9	.0	0.2	203
9 WISDOM	13	6.15	74.7	36	87	1.3	93	161	3.7	0.7	5.8	2.0	4.3	.0	0.6	201
10 PLATINUM	25	5.30	78.8	40	91	1.2	114	168	1.2	1.3	4.7	0.9	8.3	.0	0.4	204
11 WHITBY	19	5.89	72.0	40	91	2.4	105	166	1.8	1.1	5.2	0.5	7.6	.0	0.1	204
12 WEBSTER	6	6.28	73.7	36	86	2.0	95	163	2.9	1.6	5.2	0.9	8.2	.0	0.6	202
13 WARWICK	10	6.16	74.8	40	91	0.4	95	162	2.8	0.4	5.3	0.6	6.6	.0	0.5	201
14 WARTHOG	23	5.83	78.8	38	91	0.2	100	164	3.3	0.6	5.1	1.4	6.4	.0	0.4	202
15 25R49	6	6.28	75.8	41	82	0.4	85	161	3.6	1.2	5.1	1.6	9.3	.0	0.3	203
16 PRO 202SRW	21	5.85	74.9	40	85	0.0	86	163	0.9	3.4	6.5	0.9	16.2	.0	0.0	202
17 WHITNEY	16	6.03	76.4	36	84	0.7	82	163	0.6	0.8	6.0	1.1	9.1	.0	0.0	202
18 SISSON	24	5.78	76.4	37	82	0.2	81	161	0.5	1.8	6.2	1.9	9.4	.0	0.4	202
19 25R23	2	6.42	75.9	39	84	0.0	90	163	3.2	1.7	4.2	0.6	8.4	.0	0.1	203
20 HARVARD	4	6.34	78.5	44	91	0.1	98	163	1.0	2.0	5.2	1.5	6.6	.0	0.2	201
21 CARLISLE	10	6.16	78.7	48	91	0.0	87	161	2.0	1.3	6.2	1.9	8.7	.0	0.7	200
22 VIENNA	1	6.56	75.7	35	88	1.1	98	163	0.1	2.0	4.6	1.0	4.8	.0	0.7	204
23 KRISTY	3	6.36	75.5	40	87	1.6	92	161	1.0	0.6	6.1	1.4	6.7	.0	0.2	201
24 FT WONDER	14	6.13	76.5	43	85	1.6	94	161	1.6	3.1	5.7	0.8	4.4	.0	0.1	200
25 AC SAMPSON	20	5.88	75.0	41	89	1.0	102	167	2.3	2.6	4.9	1.5	7.3	.0	0.2	204
LOCATIONS	13	14	14	5	6	14	14	8	4	11	2	7	0	1	0	4

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS



## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

YEAR(S): 2002-2004

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	12	6.68	74.5	40	92	1.5	105	165	3.5	8.0	7.5	.	.	.	.	.	.
2 AC MORLEY	18	6.29	78.7	39	83	1.3	115	166	0.8	7.3	7.3	.	.	.	.	.	.
3 SUPERIOR	1	7.37	75.5	40	91	1.9	104	167	3.5	8.0	7.5	.	.	.	.	.	.
4 AC MACKINNON	9	6.79	74.1	38	87	1.5	102	162	3.8	8.3	8.0	.	.	.	.	.	.
5 AC MOUNTAIN	2	7.14	74.4	39	94	1.2	102	164	5.0	8.3	8.0	.	.	.	.	.	.
6 AC ESSEX	5	6.97	74.2	40	89	1.0	100	163	4.0	8.3	8.0	.	.	.	.	.	.
7 MAXINE	22	6.13	79.1	44	69	1.1	90	162	2.0	0.0	8.0	.	.	.	.	.	.
8 CALEDONIA	23	6.08	73.7	37	84	0.7	86	164	5.8	1.8	8.0	.	.	.	.	.	.
9 WISDOM	11	6.71	75.6	35	89	2.0	93	160	5.3	0.0	8.0	.	.	.	.	.	.
10 PLATINUM	25	5.95	79.8	39	93	0.8	114	169	1.5	1.8	7.3	.	.	.	.	.	.
11 WHITBY	20	6.26	73.8	41	84	1.5	106	167	2.0	5.8	7.5	.	.	.	.	.	.
12 WEBSTER	7	6.83	75.2	36	90	3.1	95	163	5.5	0.0	7.8	.	.	.	.	.	.
13 WARWICK	19	6.28	77.0	40	93	3.0	94	161	4.0	5.8	8.3	.	.	.	.	.	.
14 WARTHOG	15	6.48	79.3	37	89	0.8	97	165	5.0	5.3	8.0	.	.	.	.	.	.
15 25R49	10	6.74	74.9	37	89	1.9	86	161	4.8	2.0	8.5	.	.	.	.	.	.
16 PRO 202SRW	24	6.02	75.1	38	87	0.7	85	162	1.5	8.0	9.0	.	.	.	.	.	.
17 WHITNEY	13	6.52	76.5	36	84	1.7	82	163	1.3	5.0	7.8	.	.	.	.	.	.
18 SISSON	17	6.34	77.1	36	90	2.4	82	162	1.0	4.0	8.0	.	.	.	.	.	.
19 25R23	15	6.48	75.7	37	86	0.5	88	164	5.5	7.8	7.8	.	.	.	.	.	.
20 HARVARD	8	6.80	80.5	44	93	0.8	98	163	2.8	0.0	8.0	.	.	.	.	.	.
21 CARLISLE	14	6.51	79.9	49	90	0.9	86	161	1.5	0.0	8.0	.	.	.	.	.	.
22 VIENNA	4	7.06	73.0	36	79	1.5	95	164	0.0	0.0	7.8	.	.	.	.	.	.
23 KRISTY	3	7.12	76.9	41	91	1.8	93	161	1.5	3.8	8.0	.	.	.	.	.	.
24 FT WONDER	21	6.23	76.7	44	85	2.2	94	162	1.8	1.5	7.8	.	.	.	.	.	.
25 AC SAMPSON	6	6.96	75.9	42	88	1.4	100	167	4.8	7.0	8.0	.	.	.	.	.	.
LOCATIONS		4	4	4	2	3	4	4	1	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	10	6.43	73.6	39	90	0.7	106	162	2.0	4.0	5.0	0.8	13.1	.	1.5	.	199
2 AC MORLEY	17	6.28	78.4	39	87	1.7	115	162	0.9	1.8	4.2	1.1	4.7	.	1.8	.	200
3 SUPERIOR	3	6.59	74.8	40	88	0.9	103	163	1.8	3.7	4.6	0.5	9.5	.	1.4	.	201
4 AC MACKINNON	8	6.51	73.8	38	89	0.6	102	160	2.7	3.9	5.8	1.8	13.1	.	1.5	.	198
5 AC MOUNTAIN	12	6.38	73.3	38	92	1.0	103	161	2.3	4.7	5.1	0.5	10.1	.	1.5	.	199
6 AC ESSEX	8	6.51	73.3	39	91	0.5	101	161	2.1	3.3	5.2	0.9	12.4	.	1.2	.	199
7 MAXINE	22	6.11	77.9	42	83	0.4	93	160	0.8	1.9	5.7	1.0	8.3	.	1.6	.	198
8 CALEDONIA	21	6.12	73.1	39	85	0.4	89	161	2.4	2.9	5.0	0.5	12.4	.	1.5	.	200
9 WISDOM	11	6.41	74.8	35	88	1.6	94	158	3.6	0.6	6.0	2.0	8.5	.	3.0	.	197
10 PLATINUM	25	5.58	78.8	39	92	1.0	114	166	1.0	1.4	4.7	0.9	8.9	.	1.9	.	201
11 WHITBY	20	6.15	72.7	39	89	1.6	106	164	1.6	2.0	5.3	0.5	8.9	.	1.7	.	201
12 WEBSTER	5	6.57	74.1	36	87	2.2	96	160	2.5	1.3	5.3	0.9	10.6	.	2.0	.	198
13 WARWICK	14	6.34	75.6	39	91	1.3	96	159	2.3	1.5	5.3	0.6	8.0	.	1.9	.	198
14 WARTHOG	19	6.21	78.7	38	90	0.4	100	162	2.9	1.5	5.2	1.4	7.5	.	1.9	.	198
15 25R49	6	6.54	75.4	39	84	0.9	88	159	3.7	1.4	5.1	1.6	13.8	.	1.4	.	199
16 PRO 202SRW	24	6.06	74.5	39	86	0.2	87	160	0.8	4.3	6.5	0.9	19.2	.	1.4	.	199
17 WHITNEY	16	6.32	75.9	36	84	1.3	83	160	0.5	1.6	5.9	1.1	14.9	.	1.1	.	198
18 SISSON	23	6.07	76.0	36	85	1.1	82	159	0.5	2.3	6.1	1.9	16.7	.	1.9	.	198
19 25R23	2	6.80	75.8	38	84	0.1	92	161	3.0	2.9	4.3	0.6	8.6	.	1.7	.	200
20 HARVARD	3	6.59	78.9	44	91	0.3	99	160	1.1	1.6	5.3	1.5	10.1	.	2.6	.	198
21 CARLISLE	13	6.37	78.6	47	91	0.3	88	158	1.7	1.1	6.1	1.9	10.4	.	1.4	.	197
22 VIENNA	1	6.87	75.1	35	85	1.1	98	161	0.1	1.6	4.7	1.0	5.8	.	1.6	.	200
23 KRISTY	7	6.53	75.4	39	88	1.4	93	159	0.8	1.2	6.0	1.4	10.0	.	1.8	.	198
24 FT WONDER	15	6.33	76.4	42	85	1.9	95	159	1.2	2.8	5.6	0.8	6.1	.	3.5	.	196
25 AC SAMPSON	18	6.26	75.2	41	89	1.0	101	165	2.0	3.5	5.0	1.5	8.3	.	2.2	.	201
LOCATIONS		26	27	27	7	13	27	25	16	5	13	2	8	0	2	0	6

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

TRAIT : YIELD  
YEAR(S): 2003-2004

KEY NAME	AREA I ( 6)*	AREA II ( 9)	AREA III ( 2)	PROV. (17)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	6.99	5.83	7.55	6.44
2 AC MORLEY	7.26	5.66	6.97	6.38
3 SUPERIOR	7.34	5.86	8.06	6.64
4 AC MACKINNON	7.36	5.82	7.44	6.56
5 AC MOUNTAIN	6.85	5.66	7.92	6.35
6 AC ESSEX	6.97	5.88	7.78	6.49
7 MAXINE	6.99	5.39	6.70	6.11
8 CALEDONIA	6.61	5.29	5.77	5.81
9 WISDOM	7.10	5.69	7.24	6.37
10 PLATINUM	6.23	5.02	6.47	5.62
11 WHITBY	6.80	5.54	6.78	6.13
12 WEBSTER	7.25	5.74	7.25	6.45
13 WARWICK	7.13	5.86	6.47	6.38
14 WARTHOG	7.04	5.46	7.17	6.22
15 25R49	7.08	5.73	7.31	6.39
16 PRO 202SRW	6.76	5.46	6.51	6.04
17 WHITNEY	6.94	5.47	6.92	6.16
18 SISSON	6.93	5.43	6.64	6.10
19 25R23	8.06	5.98	6.87	6.81
20 HARVARD	7.33	5.82	7.86	6.60
21 CARLISLE	7.05	5.69	7.15	6.34
22 VIENNA	7.72	6.15	8.09	6.93
23 KRISTY	6.92	5.84	7.79	6.45
24 FT WONDER	7.01	5.71	6.84	6.30
25 AC SAMPSON	6.96	5.65	7.82	6.37
26 TW060:075	7.24	5.85	7.15	6.50
27 25R47	8.09	6.35	8.16	7.18
28 RC STRATEGY	6.98	5.59	7.47	6.30
29 OTF013:081	6.67	5.51	6.57	6.04
30 TWF020:038	7.20	5.91	7.34	6.53
OVERALL MEAN	7.07	5.69	7.20	6.37

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I ( 6)*	AREA II ( 9)	AREA III ( 2)	PROV. (17)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	98.4	101.8	105.1	100.1
2 AC MORLEY	102.3	99.2	97.2	101.1
3 SUPERIOR	103.4	103.3	112.0	105.2
4 AC MACKINNON	103.6	102.3	103.6	102.9
5 AC MOUNTAIN	96.7	99.6	110.2	99.5
6 AC ESSEX	98.1	103.5	108.4	101.0
7 MAXINE	98.5	94.1	93.9	94.5
8 CALEDONIA	93.1	92.2	79.3	90.6
9 WISDOM	100.0	100.5	100.5	100.7
10 PLATINUM	87.7	89.1	89.7	89.6
11 WHITBY	95.7	98.1	94.3	96.8
12 WEBSTER	102.2	100.2	100.4	99.9
13 WARWICK	100.7	102.9	89.8	100.4
14 WARTHOG	99.2	96.0	99.8	98.2
15 25R49	99.7	100.7	101.8	102.1
16 PRO 202SRW	95.3	96.2	90.1	94.7
17 WHITNEY	97.9	94.8	96.0	95.2
18 SISSON	97.7	94.9	91.6	94.7
19 25R23	113.6	105.3	95.0	108.1
20 HARVARD	103.1	102.0	109.1	102.1
21 CARLISLE	99.5	100.4	99.1	99.6
22 VIENNA	108.9	108.0	112.0	109.9
23 KRISTY	97.8	102.8	108.3	101.4
24 FT WONDER	98.9	100.5	95.3	99.8
25 AC SAMPSON	98.0	98.9	109.2	100.2
26 TW060:075	101.9	103.2	98.8	102.2
27 25R47	113.9	111.2	113.1	112.0
28 RC STRATEGY	98.7	97.1	103.8	98.4
29 OTF013:081	94.2	96.9	91.0	95.9
30 TWF020:038	101.3	104.0	101.8	103.1
OVERALL MEAN	7.07	5.69	7.20	6.37

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

23  
 ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004  
 YEAR(S): 2003-2004

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														
1 AC RON	17	6.99	74.0	37		0.4	109	155	1.4		3.3		13.0		2.5		196	
2 AC MORLEY	7	7.26	78.7	38		1.5	116	156	0.6		2.3		10.0		3.0		198	
3 SUPERIOR	5	7.34	75.1	40		0.5	106	156	1.5		2.0		20.0		2.8		199	
4 AC MACKINNON	4	7.36	74.1	37		0.2	104	153	3.0		4.0		30.0		3.0		195	
5 AC MOUNTAIN	25	6.85	73.5	37		1.1	106	154	2.1		3.0		10.0		2.5		195	
6 AC ESSEX	20	6.97	73.5	38		0.2	105	154	1.5		3.0		28.0		2.5		196	
7 MAXINE	17	6.99	77.1	42		0.7	96	153	0.8		2.3		15.0		2.8		196	
8 CALEDONIA	29	6.61	73.2	38		0.7	92	155	1.7		3.0		23.0		2.8		198	
9 WISDOM	12	7.10	73.6	35		2.0	97	151	3.7		5.5		38.0		5.5		194	
10 PLATINUM	30	6.23	78.8	39		1.1	115	159	0.7		2.5		13.0		3.3		200	
11 WHITBY	26	6.80	73.5	38		0.7	110	156	1.2		4.3		18.0		3.3		199	
12 WEBSTER	8	7.25	74.0	35		2.2	99	153	1.6		3.0		28.0		3.5		195	
13 WARWICK	11	7.13	75.9	39		1.5	99	152	1.3		2.5		18.0		3.3		195	
14 WARTHOG	15	7.04	78.6	38		0.5	100	155	2.1		3.8		15.0		3.3		196	
15 25R49	13	7.08	74.3	39		0.8	97	152	3.8		2.0		45.0		2.5		196	
16 PRO 202SRW	27	6.76	73.2	37		0.2	89	151	0.6		3.8		40.0		2.8		196	
17 WHITNEY	22	6.94	74.4	35		1.8	87	153	0.3		2.0		55.0		2.3		195	
18 SISSON	23	6.93	74.7	34		1.4	86	152	0.4		3.5		68.0		3.3		194	
19 25R23	2	8.06	75.8	37		0.1	97	154	2.4		2.0		10.0		3.3		198	
20 HARVARD	6	7.33	78.5	43		0.1	101	152	1.1		3.8		35.0		5.0		195	
21 CARLISLE	14	7.05	78.1	44		0.3	90	151	1.6		2.8		23.0		2.0		196	
22 VIENNA	3	7.72	74.9	34		1.3	101	154	0.2		2.3		13.0		2.5		199	
23 KRISTY	24	6.92	74.2	38		0.7	96	151	0.5		2.8		33.0		3.3		195	
24 FT WONDER	16	7.01	76.7	41		2.2	98	152	0.5		2.8		18.0		6.8		193	
25 AC SAMPSON	21	6.96	75.4	39		0.7	102	157	1.4		2.8		15.0		4.3		198	
26 TW060:075	9	7.24	73.7	38		1.0	105	156	1.1		2.3		10.0		2.0		199	
27 25R47	1	8.09	73.9	36		1.0	88	151	1.2		1.3		30.0		1.3		197	
28 RC STRATEGY	19	6.98	76.3	32		1.2	86	152	0.3		2.3		10.0		3.5		195	
29 OTF013:081	28	6.67	73.9	36		1.2	112	157	1.1		2.8		13.0		4.5		199	
30 TWF020:038	10	7.20	74.8	40		1.0	109	156	0.4		2.3		10.0		2.0		198	
LOCATIONS		6	6	3	0	3	6	5	6	0	1	0	1	0	1	0	1	

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														
1 AC RON	10	5.83	73.0	39	87	0.0	102	164	2.5	2.7	5.1		17.6				205	
2 AC MORLEY	18	5.66	78.6	40	84	2.3	112	165	1.8	0.6	3.8		7.3				207	
3 SUPERIOR	6	5.86	74.1	41	83	0.3	99	166	2.1	2.8	4.6		11.6				207	
4 AC MACKINNON	11	5.82	73.8	39	86	0.0	97	163	2.6	1.8	6.1		12.0				205	
5 AC MOUNTAIN	18	5.66	73.2	40	88	0.2	100	164	2.3	3.0	5.2		12.3				205	
6 AC ESSEX	5	5.88	73.2	40	90	0.2	99	164	2.5	2.1	5.4		16.8				205	
7 MAXINE	28	5.39	78.2	44	86	0.0	88	163	1.2	3.2	6.0		12.8				204	
8 CALEDONIA	29	5.29	72.4	39	79	0.0	84	164	3.0	4.3	5.3		14.1				206	
9 WISDOM	16	5.69	75.4	37	83	0.5	90	162	3.9	0.9	6.3		7.0				204	
10 PLATINUM	30	5.02	79.0	40	88	0.5	111	168	1.6	1.7	4.7		13.9				207	
11 WHITBY	22	5.54	71.9	39	87	2.2	102	166	1.9	1.5	5.5		10.8				206	
12 WEBSTER	13	5.74	73.9	36	80	0.0	90	164	3.7	2.1	5.4		13.7				204	
13 WARWICK	6	5.86	75.2	42	87	0.0	92	162	3.1	0.6	5.4		10.3				204	
14 WARTHOG	25	5.46	79.1	39	89	0.0	95	165	3.3	0.8	5.4		11.9				205	
15 25R49	14	5.73	75.9	41	74	0.5	82	162	4.3	1.7	5.4		13.4				205	
16 PRO 202SRW	25	5.46	75.5	41	79	0.0	82	163	1.0	3.9	7.1		19.6				205	
17 WHITNEY	24	5.47	76.5	37	79	0.0	78	163	0.9	1.0	6.1		17.1				205	
18 SISSON	27	5.43	76.9	37	80	0.0	79	162	0.9	2.4	6.4		15.1				205	
19 25R23	3	5.98	76.4	40	77	0.0	86	164	3.6	2.2	4.3		7.3				205	
20 HARVARD	11	5.82	78.4	44	88	0.0	94	163	1.7	2.6	5.5		10.3				204	
21 CARLISLE	16	5.69	78.9	48	88	0.0	84	161	2.5	1.8	6.6		13.3				202	
22 VIENNA	2	6.15	76.6	36	83	0.0	94	164	0.1	2.7	4.6		3.7				206	
23 KRISTY	9	5.84	76.1	40	81	0.0	88	162	1.5	0.8	6.5		11.1				204	
24 FT WONDER	15	5.71	77.0	43	80	0.0	91	162	1.8	4.1	6.1		6.8				202	
25 AC SAMPSON	20	5.65	75.2	41	85	1.0	100	168	2.2	3.4	5.2		14.8				207	
26 TW060:075	8	5.85	73.9	40	79	0.3	100	167	2.8	1.3	4.1		16.0				207	
27 25R47	1	6.35	75.2	38	88	0.2	82	162	2.6	0.5	4.7		6.9				205	
28 RC STRATEGY	21	5.59	77.6	35	79	0.0	81	163	0.6	2.1	5.0		7.4				205	
29 OTF013:081	23	5.51	73.6	40	85	0.2	102	166	1.2	0.7	4.0		16.8				206	
30 TWF020:038	4	5.91	74.0	42	85	0.0	104	166	0.3	0.9	4.1		11.2				206	
LOCATIONS		9	9	9	3	2	9	9	5	3	7	0	2	0	0	0	3	

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

24  
 ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004  
 YEAR(S): 2003-2004

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	9	7.55	72.1	40	91	1.5	98	167	3.5	.	.	.	.	.	.	.	.
2 AC MORLEY	19	6.97	75.8	41	74	1.8	111	169	0.8	.	.	.	.	.	.	.	.
3 SUPERIOR	3	8.06	72.4	40	88	1.8	99	170	3.5	.	.	.	.	.	.	.	.
4 AC MACKINNON	11	7.44	72.7	39	79	1.5	96	165	3.8	.	.	.	.	.	.	.	.
5 AC MOUNTAIN	4	7.92	72.3	40	93	2.0	98	167	5.0	.	.	.	.	.	.	.	.
6 AC ESSEX	8	7.78	72.1	41	84	1.5	97	166	4.0	.	.	.	.	.	.	.	.
7 MAXINE	24	6.70	76.7	46	64	1.3	83	164	2.0	.	.	.	.	.	.	.	.
8 CALEDONIA	30	5.77	70.6	39	73	0.8	78	168	5.8	.	.	.	.	.	.	.	.
9 WISDOM	15	7.24	74.3	35	88	2.3	86	164	5.3	.	.	.	.	.	.	.	.
10 PLATINUM	28	6.47	75.5	38	89	0.5	110	171	1.5	.	.	.	.	.	.	.	.
11 WHITBY	23	6.78	70.6	41	79	2.0	100	170	2.0	.	.	.	.	.	.	.	.
12 WEBSTER	14	7.25	72.5	36	88	4.5	90	168	5.5	.	.	.	.	.	.	.	.
13 WARWICK	28	6.47	74.6	40	92	2.3	87	165	4.0	.	.	.	.	.	.	.	.
14 WARTHOG	16	7.17	76.1	37	85	1.3	90	168	5.0	.	.	.	.	.	.	.	.
15 25R49	13	7.31	73.1	36	84	2.8	79	165	4.8	.	.	.	.	.	.	.	.
16 PRO 202SRW	27	6.51	74.1	38	78	0.8	76	165	1.5	.	.	.	.	.	.	.	.
17 WHITNEY	20	6.92	73.9	36	74	2.8	74	167	1.3	.	.	.	.	.	.	.	.
18 SISSON	25	6.64	74.6	36	89	4.3	72	166	1.0	.	.	.	.	.	.	.	.
19 25R23	21	6.87	73.2	37	81	0.5	81	167	5.5	.	.	.	.	.	.	.	.
20 HARVARD	5	7.86	77.5	44	95	1.3	93	165	2.8	.	.	.	.	.	.	.	.
21 CARLISLE	17	7.15	76.8	50	91	0.8	79	164	1.5	.	.	.	.	.	.	.	.
22 VIENNA	2	8.09	66.5	34	92	2.3	89	166	0.0	.	.	.	.	.	.	.	.
23 KRISTY	7	7.79	75.3	40	91	2.5	86	165	1.5	.	.	.	.	.	.	.	.
24 FT WONDER	22	6.84	75.0	43	80	2.0	88	165	1.8	.	.	.	.	.	.	.	.
25 AC SAMPSON	6	7.82	73.1	42	79	2.3	95	170	4.8	.	.	.	.	.	.	.	.
26 TW060:075	17	7.15	71.7	38	83	2.5	99	170	3.5	.	.	.	.	.	.	.	.
27 25R47	1	8.16	72.6	37	89	1.0	81	165	3.3	.	.	.	.	.	.	.	.
28 RC STRATEGY	10	7.47	75.4	34	83	1.3	80	167	0.5	.	.	.	.	.	.	.	.
29 OTF013:081	26	6.57	71.3	39	91	1.3	100	170	0.0	.	.	.	.	.	.	.	.
30 TWFO20:038	12	7.34	71.4	44	92	1.0	99	169	0.0	.	.	.	.	.	.	.	.
LOCATIONS		2	2	2	1	1	2	2	1	0	0	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	12	6.44	73.3	39	88	0.5	104	162	2.1	2.7	4.9	16.1	.	2.5	.	201	
2 AC MORLEY	14	6.38	78.3	39	82	1.8	113	162	1.1	0.6	3.6	8.2	.	3.0	.	203	
3 SUPERIOR	4	6.64	74.3	41	85	0.7	101	163	1.9	2.8	4.3	14.4	.	2.8	.	204	
4 AC MACKINNON	6	6.56	73.8	38	84	0.4	99	160	2.9	1.8	5.8	18.0	.	3.0	.	201	
5 AC MOUNTAIN	18	6.35	73.2	39	90	0.9	102	162	2.4	3.0	4.9	11.5	.	2.5	.	201	
6 AC ESSEX	9	6.49	73.2	39	88	0.4	101	161	2.1	2.1	5.1	20.5	.	2.5	.	201	
7 MAXINE	25	6.11	77.6	43	81	0.6	90	160	1.0	3.2	5.5	13.6	.	2.8	.	201	
8 CALEDONIA	29	5.81	72.5	39	78	0.5	86	162	2.6	4.3	5.0	17.0	.	2.8	.	203	
9 WISDOM	16	6.37	74.7	36	84	1.6	92	159	3.9	0.9	6.2	17.3	.	5.5	.	200	
10 PLATINUM	30	5.62	78.5	39	89	0.8	112	166	1.2	1.7	4.4	13.6	.	3.3	.	204	
11 WHITBY	24	6.13	72.3	39	85	1.4	104	164	1.6	1.5	5.3	13.2	.	3.3	.	203	
12 WEBSTER	10	6.45	73.8	36	82	1.9	93	161	2.8	2.1	5.1	18.5	.	3.5	.	200	
13 WARWICK	14	6.38	75.4	40	89	1.2	94	160	2.3	0.6	5.1	12.9	.	3.3	.	200	
14 WARTHOG	22	6.22	78.6	38	88	0.4	96	162	2.9	0.8	5.2	13.0	.	3.3	.	201	
15 25R49	13	6.39	75.0	40	77	1.0	87	159	4.1	1.7	5.0	23.9	.	2.5	.	201	
16 PRO 202SRW	27	6.04	74.5	39	79	0.2	84	159	0.8	3.9	6.7	26.4	.	2.8	.	201	
17 WHITNEY	23	6.16	75.5	36	78	1.4	81	160	0.7	1.0	5.6	29.7	.	2.3	.	201	
18 SISSON	26	6.10	75.9	36	83	1.4	80	159	0.6	2.4	6.1	32.8	.	3.3	.	200	
19 25R23	3	6.81	75.8	38	78	0.1	89	161	3.1	2.2	4.0	8.2	.	3.3	.	202	
20 HARVARD	5	6.60	78.3	44	90	0.3	96	160	1.4	2.6	5.3	18.5	.	5.0	.	200	
21 CARLISLE	19	6.34	78.4	47	89	0.3	86	158	2.0	1.8	6.1	16.5	.	2.0	.	200	
22 VIENNA	2	6.93	74.8	35	85	1.1	96	161	0.1	2.7	4.3	6.8	.	2.5	.	203	
23 KRISTY	10	6.45	75.4	39	83	0.8	91	159	1.0	0.8	6.0	18.4	.	3.3	.	200	
24 FT WONDER	20	6.30	76.6	42	80	1.4	93	159	1.1	4.1	5.7	10.5	.	6.8	.	198	
25 AC SAMPSON	16	6.37	75.0	40	84	1.1	100	164	2.0	3.4	4.9	14.9	.	4.3	.	203	
26 TW060:075	8	6.50	73.6	39	80	1.1	101	164	2.0	1.3	3.9	14.0	.	2.0	.	204	
27 25R47	1	7.18	74.4	37	89	0.7	84	159	2.0	0.5	4.3	14.6	.	1.3	.	202	
28 RC STRATEGY	20	6.30	76.9	34	80	0.8	82	160	0.5	2.1	4.6	8.3	.	3.5	.	201	
29 OTF013:081	27	6.04	73.4	38	86	0.9	105	164	1.0	0.7	3.8	15.5	.	4.5	.	203	
30 TWFO20:038	7	6.53	74.0	42	87	0.7	105	163	0.3	0.9	3.8	10.8	.	2.0	.	203	
LOCATIONS		17	17	17	4	6	17	16	12	3	8	0	3	0	1	0	4

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

TRAIT : YIELD  
 AREAS : 1 - 3  
 YEAR : 2004

KEY NAME	AREA I ( 3)*	AREA II ( 5)	AREA III ( 1)	PROV. ( 9)**
	MEAN	MEAN	MEAN	MEAN
1 AC RON	6.86	5.64	7.47	6.25
2 AC MORLEY	7.27	5.61	7.01	6.32
3 SUPERIOR	7.03	5.77	7.76	6.41
4 AC MACKINNON	6.92	5.56	7.22	6.20
5 AC MOUNTAIN	6.35	5.43	7.69	5.99
6 AC ESSEX	6.67	5.55	7.81	6.18
7 MAXINE	6.84	5.12	7.23	5.93
8 CALEDONIA	6.44	5.12	4.46	5.49
9 WISDOM	6.83	5.57	6.82	6.13
10 PLATINUM	6.11	4.88	6.01	5.42
11 WHITBY	6.70	5.37	6.52	5.94
12 WEBSTER	6.97	5.62	6.52	6.17
13 WARWICK	7.01	5.62	5.98	6.12
14 WARTHOG	7.15	5.31	7.08	6.12
15 25R49	6.60	5.72	7.20	6.18
16 PRO 202SRW	6.59	5.33	5.79	5.80
17 WHITNEY	6.63	5.25	6.40	5.84
18 SISSON	6.53	5.32	5.61	5.75
19 25R23	7.84	5.91	5.96	6.56
20 HARVARD	7.39	5.43	7.37	6.30
21 CARLISLE	6.95	5.47	6.45	6.07
22 VIENNA	7.75	5.94	7.25	6.69
23 KRISTY	6.55	5.39	7.53	6.01
24 FT WONDER	7.05	5.61	6.70	6.21
25 AC SAMPSON	6.91	5.62	7.98	6.31
26 TWO60:075	6.82	5.61	6.07	6.06
27 25R47	7.67	5.95	7.39	6.68
28 RC STRATEGY	6.86	5.38	7.10	6.06
29 QTF013:081	6.90	5.51	5.92	6.02
30 TWF020:038	6.86	5.69	6.72	6.20
31 25W41	6.96	5.56	5.77	6.05
32 26R15	7.53	5.75	5.61	6.33
33 25R35	7.62	5.90	5.79	6.46
34 CM99058	6.05	4.88	5.16	5.30
35 TRIBUTE	7.29	5.69	6.50	6.31
36 RICHLAND	6.84	5.19	6.12	5.84
37 GENESIS-D8006	6.80	5.91	6.75	6.30
38 TWO44:094	7.73	6.06	7.70	6.80
OVERALL MEAN	6.94	5.53	6.64	6.13

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

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

TRAIT : YIELD  
 AREAS : 1 - 3  
 YEAR : 2004

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA I ( 3)* MEAN	AREA II ( 5) MEAN	AREA III ( 1) MEAN	PROV. ( 9)** MEAN
1 AC RON	98.6	101.0	112.5	101.5
2 AC MORLEY	104.8	101.3	105.5	103.0
3 SUPERIOR	101.0	104.9	116.8	104.9
4 AC MACKINNON	99.6	100.6	108.7	101.2
5 AC MOUNTAIN	92.1	98.4	115.8	98.2
6 AC ESSEX	95.9	101.0	117.6	101.2
7 MAXINE	98.2	92.1	108.8	96.0
8 CALEDONIA	92.7	90.8	67.1	88.8
9 WISDOM	98.3	101.4	102.7	100.5
10 PLATINUM	87.7	90.4	90.5	89.5
11 WHITBY	96.2	98.5	98.2	97.7
12 WEBSTER	100.4	100.5	98.2	100.2
13 WARWICK	101.3	101.5	90.0	100.2
14 WARTHOG	102.6	96.4	106.6	99.6
15 25R49	95.0	103.1	108.4	101.0
16 PRO 202SRW	94.8	96.6	87.2	95.0
17 WHITNEY	95.7	92.9	96.3	94.3
18 SISSON	94.2	95.3	84.5	93.7
19 25R23	113.1	107.2	89.7	107.2
20 HARVARD	105.6	98.5	111.0	102.2
21 CARLISLE	99.9	99.9	97.1	99.6
22 VIENNA	111.8	107.7	109.1	109.2
23 KRISTY	94.7	98.4	113.4	98.8
24 FT WONDER	101.5	101.6	100.9	101.5
25 AC SAMPSON	99.1	101.1	120.1	102.5
26 TWO60:075	98.1	102.7	91.4	99.9
27 25R47	110.4	107.3	111.3	108.8
28 RC STRATEGY	99.2	95.6	106.9	98.0
29 OTF013:081	99.2	99.9	89.1	98.5
30 TWF020:038	98.7	103.4	101.2	101.6
31 25W41	100.8	100.5	86.9	99.1
32 26R15	108.4	102.7	84.5	102.6
33 25R35	109.5	106.4	87.2	105.3
34 CM99058	87.5	88.1	77.7	86.8
35 TRIBUTE	105.5	102.6	97.9	103.0
36 RICHLAND	98.1	93.8	92.1	95.0
37 GENESIS-D8006	98.0	107.3	101.6	103.6
38 TWO44:094	111.4	108.5	115.9	110.3
OVERALL MEAN	6.94	5.53	6.64	6.13

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

YEAR : 2004  
 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	20	6.86	74.9	38	.	0.8	103	149	1.7	.	.	.	.	.	.	.	192
2 AC MORLEY	9	7.27	79.1	38	.	2.8	112	150	0.7	.	.	.	.	.	.	.	194
3 SUPERIOR	12	7.03	74.9	41	.	1.5	102	150	1.9	.	.	.	.	.	.	.	195
4 AC MACKINNON	17	6.92	73.6	36	.	0.5	100	148	4.2	.	.	.	.	.	.	.	192
5 AC MOUNTAIN	36	6.35	74.0	38	.	0.8	102	149	2.9	.	.	.	.	.	.	.	192
6 AC ESSEX	29	6.67	73.4	38	.	0.2	99	148	2.0	.	.	.	.	.	.	.	192
7 MAXINE	23	6.84	77.3	41	.	2.0	93	147	1.0	.	.	.	.	.	.	.	191
8 CALEDONIA	35	6.44	73.0	37	.	0.5	87	148	2.8	.	.	.	.	.	.	.	194
9 WISDOM	25	6.83	74.4	34	.	1.8	93	145	5.4	.	.	.	.	.	.	.	191
10 PLATINUM	37	6.11	79.4	40	.	2.5	107	153	1.0	.	.	.	.	.	.	.	197
11 WHITBY	28	6.70	73.3	37	.	2.2	106	151	1.8	.	.	.	.	.	.	.	196
12 WEBSTER	14	6.97	73.7	36	.	2.0	93	146	2.2	.	.	.	.	.	.	.	191
13 WARWICK	13	7.01	75.8	39	.	1.2	96	146	2.0	.	.	.	.	.	.	.	191
14 WARTHOG	10	7.15	78.8	36	.	1.0	97	149	2.8	.	.	.	.	.	.	.	192
15 25R49	31	6.60	73.8	38	.	0.5	85	145	5.7	.	.	.	.	.	.	.	191
16 PRO 202SRW	32	6.59	73.3	37	.	0.5	85	145	0.2	.	.	.	.	.	.	.	191
17 WHITNEY	30	6.63	74.5	35	.	1.2	80	146	0.2	.	.	.	.	.	.	.	192
18 SISSON	34	6.53	74.9	33	.	0.5	79	145	0.0	.	.	.	.	.	.	.	190
19 25R23	1	7.84	75.9	38	.	0.2	93	148	3.3	.	.	.	.	.	.	.	194
20 HARVARD	7	7.39	78.7	43	.	0.0	95	145	1.7	.	.	.	.	.	.	.	190
21 CARLISLE	16	6.95	78.1	47	.	0.8	85	146	1.8	.	.	.	.	.	.	.	191
22 VIENNA	2	7.75	75.7	33	.	2.2	98	149	0.0	.	.	.	.	.	.	.	195
23 KRISTY	33	6.55	74.0	38	.	1.0	91	146	0.3	.	.	.	.	.	.	.	190
24 FT WONDER	11	7.05	76.1	40	.	2.2	96	146	0.5	.	.	.	.	.	.	.	190
25 AC SAMPSON	18	6.91	75.4	40	.	0.8	97	151	1.4	.	.	.	.	.	.	.	194
26 TWO60:075	26	6.82	73.0	39	.	1.5	101	150	1.3	.	.	.	.	.	.	.	195
27 25R47	4	7.67	72.9	35	.	2.0	82	145	1.8	.	.	.	.	.	.	.	192
28 RC STRATEGY	20	6.86	76.4	32	.	2.2	82	146	0.2	.	.	.	.	.	.	.	191
29 OTF013:081	19	6.90	74.7	38	.	2.2	108	151	1.2	.	.	.	.	.	.	.	194
30 TWFO20:038	20	6.86	74.2	40	.	2.0	106	150	0.3	.	.	.	.	.	.	.	194
31 25W41	15	6.96	75.4	34	.	0.8	87	146	3.2	.	.	.	.	.	.	.	193
32 26R15	6	7.53	73.5	35	.	0.0	87	146	0.8	.	.	.	.	.	.	.	193
33 25R35	5	7.62	76.2	31	.	0.0	86	147	5.2	.	.	.	.	.	.	.	195
34 CM99058	38	6.05	75.0	41	.	0.0	81	151	0.2	.	.	.	.	.	.	.	195
35 TRIBUTE	8	7.29	78.3	36	.	0.2	85	145	0.0	.	.	.	.	.	.	.	194
36 RICHLAND	23	6.84	75.4	39	.	0.0	98	150	0.1	.	.	.	.	.	.	.	192
37 GENESIS-D8006	27	6.80	73.2	39	.	1.8	89	146	0.8	.	.	.	.	.	.	.	192
38 TW044:094	3	7.73	75.6	39	.	2.0	96	150	3.3	.	.	.	.	.	.	.	194
LOCATIONS		3	3	3	0	1	3	2	3	0	0	0	0	0	0	0	1

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

YEAR : 2004  
 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	12	5.64	74.1	42	92	0.0	102	161	2.8	2.7	5.1	17.6	.	.	.	205
2 AC MORLEY	16	5.61	79.2	42	90	2.3	113	162	2.1	0.9	4.0	7.3	.	.	.	206
3 SUPERIOR	7	5.77	74.9	43	91	0.3	100	163	1.4	2.8	4.9	11.6	.	.	.	207
4 AC MACKINNON	20	5.56	74.8	40	94	0.0	96	160	2.3	1.9	6.4	12.0	.	.	.	204
5 AC MOUNTAIN	25	5.43	74.4	41	92	0.2	100	161	1.8	3.0	5.0	12.3	.	.	.	205
6 AC ESSEX	22	5.55	74.5	42	91	0.2	99	161	2.4	2.0	5.1	16.8	.	.	.	204
7 MAXINE	35	5.12	78.6	46	93	0.0	89	158	1.6	4.0	6.0	12.8	.	.	.	203
8 CALEDONIA	35	5.12	74.0	40	93	0.0	83	161	2.9	4.8	5.4	14.1	.	.	.	205
9 WISDOM	19	5.57	77.2	39	94	0.5	90	158	4.5	0.6	6.0	7.0	.	.	.	202
10 PLATINUM	37	4.88	79.3	42	92	0.5	111	165	2.0	1.7	4.7	13.9	.	.	.	208
11 WHITBY	29	5.37	72.3	40	90	2.2	102	164	1.7	1.4	5.6	10.8	.	.	.	206
12 WEBSTER	13	5.62	74.6	37	87	0.0	89	161	3.9	2.5	5.7	13.7	.	.	.	203
13 WARWICK	13	5.62	75.8	44	92	0.0	91	159	2.7	0.9	5.6	10.3	.	.	.	204
14 WARTHOG	32	5.31	79.8	41	96	0.0	94	161	3.4	1.0	5.4	11.9	.	.	.	204
15 25R49	9	5.72	76.7	44	94	0.5	82	158	4.7	1.9	5.7	13.4	.	.	.	202
16 PRO 202SRW	30	5.33	76.5	43	90	0.0	80	158	1.3	4.8	7.3	19.6	.	.	.	203
17 WHITNEY	33	5.25	77.3	39	87	0.0	76	159	1.2	1.1	6.8	17.1	.	.	.	204
18 SISSON	31	5.32	77.9	39	90	0.0	78	158	0.9	3.0	7.3	15.1	.	.	.	203
19 25R23	4	5.91	77.3	42	87	0.0	84	159	3.7	2.8	4.6	7.3	.	.	.	204
20 HARVARD	25	5.43	78.9	46	95	0.0	93	160	2.4	3.3	5.7	10.3	.	.	.	201
21 CARLISLE	24	5.47	79.9	49	93	0.0	82	156	2.8	2.2	6.7	13.3	.	.	.	200
22 VIENNA	3	5.94	76.7	37	93	0.0	93	160	0.2	3.7	5.0	3.7	.	.	.	206
23 KRISTY	27	5.39	77.3	42	93	0.0	88	158	1.8	1.0	7.0	11.1	.	.	.	203
24 FT WONDER	16	5.61	78.3	45	87	0.0	91	159	1.4	4.2	5.8	6.8	.	.	.	202
25 AC SAMPSON	13	5.62	75.6	44	93	1.0	98	164	1.7	3.2	5.4	14.8	.	.	.	206
26 TW060:075	16	5.61	74.6	43	82	0.3	100	164	1.9	1.4	4.2	16.0	.	.	.	208
27 25R47	2	5.95	76.3	40	93	0.2	80	158	2.1	0.7	4.7	6.9	.	.	.	202
28 RC STRATEGY	28	5.38	78.3	36	95	0.0	80	159	0.9	2.7	5.3	7.4	.	.	.	205
29 OTF013:081	23	5.51	74.4	43	92	0.2	98	163	1.2	1.0	4.1	16.8	.	.	.	207
30 TW020:038	10	5.69	74.8	44	88	0.0	104	163	0.3	1.2	4.4	11.2	.	.	.	207
31 25W41	20	5.56	75.4	37	91	0.0	82	159	5.2	1.0	4.9	7.0	.	.	.	204
32 26R15	8	5.75	76.6	37	90	0.0	82	159	1.5	0.6	4.8	6.5	.	.	.	204
33 25R35	6	5.90	77.6	34	94	0.0	85	159	3.1	0.3	4.5	3.5	.	.	.	205
34 CM99058	37	4.88	75.1	47	88	0.0	75	165	0.4	1.5	5.0	4.1	.	.	.	209
35 TRIBUTE	10	5.69	80.2	39	91	0.0	81	158	0.3	1.1	4.2	8.2	.	.	.	205
36 RICHLAND	34	5.19	74.4	41	86	0.2	98	162	0.3	3.5	6.2	16.6	.	.	.	204
37 GENESIS-D8006	4	5.91	74.9	45	94	0.0	91	158	0.3	1.6	6.6	13.4	.	.	.	203
38 TW044:094	1	6.06	77.3	43	94	0.0	91	160	3.2	3.3	5.7	9.2	.	.	.	202
LOCATIONS	5	5	5	1	2	5	5	3	2	4	0	2	0	0	0	1

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS



## ONTARIO PERFORMANCE TRIAL; FALL WHEAT 2004

YEAR : 2004

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	7.47	71.7	40	.	1.5	96	162	.	.	.	.	.	.	.	.	.
2 AC MORLEY	16	7.01	75.9	40	.	1.8	113	166	.	.	.	.	.	.	.	.	.
3 SUPERIOR	3	7.76	71.4	40	.	1.8	98	166	.	.	.	.	.	.	.	.	.
4 AC MACKINNON	12	7.22	71.4	38	.	1.5	93	161	.	.	.	.	.	.	.	.	.
5 AC MOUNTAIN	5	7.69	71.7	40	.	2.0	96	163	.	.	.	.	.	.	.	.	.
6 AC ESSEX	2	7.81	71.0	42	.	1.5	94	162	.	.	.	.	.	.	.	.	.
7 MAXINE	11	7.23	77.0	45	.	1.3	83	161	.	.	.	.	.	.	.	.	.
8 CALEDONIA	38	4.46	67.8	36	.	0.8	76	165	.	.	.	.	.	.	.	.	.
9 WISDOM	17	6.82	74.7	35	.	2.3	83	160	.	.	.	.	.	.	.	.	.
10 PLATINUM	28	6.01	74.1	36	.	0.5	106	168	.	.	.	.	.	.	.	.	.
11 WHITBY	21	6.52	68.7	38	.	2.0	99	167	.	.	.	.	.	.	.	.	.
12 WEBSTER	21	6.52	71.4	33	.	4.5	86	164	.	.	.	.	.	.	.	.	.
13 WARWICK	29	5.98	73.8	40	.	2.3	84	162	.	.	.	.	.	.	.	.	.
14 WARTHOG	15	7.08	75.2	35	.	1.3	89	165	.	.	.	.	.	.	.	.	.
15 25R49	13	7.20	73.2	36	.	2.8	78	161	.	.	.	.	.	.	.	.	.
16 PRO 202SRW	32	5.79	74.1	38	.	0.8	74	162	.	.	.	.	.	.	.	.	.
17 WHITNEY	25	6.40	73.9	35	.	2.8	72	164	.	.	.	.	.	.	.	.	.
18 SISSON	35	5.61	73.3	33	.	4.3	69	162	.	.	.	.	.	.	.	.	.
19 25R23	30	5.96	72.6	34	.	0.5	76	164	.	.	.	.	.	.	.	.	.
20 HARVARD	9	7.37	76.8	44	.	1.3	91	162	.	.	.	.	.	.	.	.	.
21 CARLISLE	24	6.45	77.1	49	.	0.8	78	161	.	.	.	.	.	.	.	.	.
22 VIENNA	10	7.25	59.4	33	.	2.3	86	163	.	.	.	.	.	.	.	.	.
23 KRISTY	6	7.53	74.3	40	.	2.5	84	161	.	.	.	.	.	.	.	.	.
24 FT WONDER	20	6.70	75.6	45	.	2.0	85	162	.	.	.	.	.	.	.	.	.
25 AC SAMPSON	1	7.98	74.5	39	.	2.3	94	166	.	.	.	.	.	.	.	.	.
26 TW060:075	27	6.07	69.7	38	.	2.5	97	167	.	.	.	.	.	.	.	.	.
27 25R47	8	7.39	72.9	35	.	1.0	79	162	.	.	.	.	.	.	.	.	.
28 RC STRATEGY	14	7.10	75.8	33	.	1.3	79	163	.	.	.	.	.	.	.	.	.
29 OTF013:081	31	5.92	69.8	37	.	1.3	99	167	.	.	.	.	.	.	.	.	.
30 TWFO20:038	19	6.72	70.8	42	.	1.0	98	166	.	.	.	.	.	.	.	.	.
31 25W41	34	5.77	71.2	31	.	1.0	81	163	.	.	.	.	.	.	.	.	.
32 26R15	35	5.61	72.2	33	.	0.5	78	164	.	.	.	.	.	.	.	.	.
33 25R35	32	5.79	73.4	28	.	0.5	79	163	.	.	.	.	.	.	.	.	.
34 CM99058	37	5.16	72.0	43	.	1.0	74	168	.	.	.	.	.	.	.	.	.
35 TRIBUTE	23	6.50	76.6	37	.	1.5	73	162	.	.	.	.	.	.	.	.	.
36 RICHLAND	26	6.12	70.7	40	.	1.0	93	165	.	.	.	.	.	.	.	.	.
37 GENESIS-D8006	18	6.75	70.3	41	.	1.0	83	161	.	.	.	.	.	.	.	.	.
38 TW044:094	4	7.70	74.5	38	.	2.0	92	163	.	.	.	.	.	.	.	.	.
LOCATIONS	1	1	1	0	1	1	1	0	0	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 2004

YEAR : 2004  
 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	13	6.25	74.1	41	92	0.6	102	158	2.2	2.7	5.1	17.6	.	.	.	199
2 AC MORLEY	8	6.32	78.8	40	90	2.3	113	159	1.4	0.9	4.0	7.3	.	.	.	200
3 SUPERIOR	6	6.41	74.5	42	91	1.0	100	160	1.7	2.8	4.9	11.6	.	.	.	201
4 AC MACKINNON	15	6.20	74.0	38	94	0.5	97	157	3.2	1.9	6.4	12.0	.	.	.	198
5 AC MOUNTAIN	29	5.99	73.9	40	92	0.8	100	158	2.4	3.0	5.0	12.3	.	.	.	199
6 AC ESSEX	17	6.18	73.8	41	91	0.5	98	158	2.2	2.0	5.1	16.8	.	.	.	198
7 MAXINE	31	5.93	78.0	44	93	0.8	90	156	1.3	4.0	6.0	12.8	.	.	.	197
8 CALEDONIA	36	5.49	73.0	39	93	0.3	83	158	2.9	4.8	5.4	14.1	.	.	.	200
9 WISDOM	20	6.13	76.0	37	94	1.3	90	155	5.0	0.6	6.0	7.0	.	.	.	197
10 PLATINUM	37	5.42	78.7	40	92	1.0	109	162	1.5	1.7	4.7	13.9	.	.	.	203
11 WHITBY	30	5.94	72.3	39	90	2.1	103	161	1.8	1.4	5.6	10.8	.	.	.	201
12 WEBSTER	19	6.17	74.0	36	87	1.6	90	157	3.0	2.5	5.7	13.7	.	.	.	197
13 WARWICK	21	6.12	75.6	42	92	0.9	92	156	2.3	0.9	5.6	10.3	.	.	.	198
14 WARTHOG	21	6.12	79.0	39	96	0.6	94	158	3.1	1.0	5.4	11.9	.	.	.	198
15 25R49	17	6.18	75.3	41	94	1.1	82	155	5.2	1.9	5.7	13.4	.	.	.	197
16 PRO 202SRW	34	5.80	75.2	40	90	0.3	81	156	0.8	4.8	7.3	19.6	.	.	.	197
17 WHITNEY	32	5.84	76.0	37	87	1.0	77	157	0.7	1.1	6.8	17.1	.	.	.	198
18 SISSON	35	5.75	76.4	37	90	1.2	77	155	0.5	3.0	7.3	15.1	.	.	.	197
19 25R23	4	6.56	76.3	40	87	0.2	86	157	3.5	2.8	4.6	7.3	.	.	.	199
20 HARVARD	11	6.30	78.6	45	95	0.3	94	156	2.0	3.3	5.7	10.3	.	.	.	196
21 CARLISLE	23	6.07	79.0	48	93	0.4	83	154	2.3	2.2	6.7	13.3	.	.	.	196
22 VIENNA	2	6.69	74.4	35	93	1.1	94	158	0.1	3.7	5.0	3.7	.	.	.	201
23 KRISTY	28	6.01	75.9	41	93	0.9	89	155	1.1	1.0	7.0	11.1	.	.	.	197
24 FT WONDER	14	6.21	77.3	43	87	1.0	92	156	0.9	4.2	5.8	6.8	.	.	.	196
25 AC SAMPSON	9	6.31	75.4	42	93	1.3	97	161	1.6	3.2	5.4	14.8	.	.	.	200
26 TW060:075	24	6.06	73.5	41	82	1.2	100	161	1.6	1.4	4.2	16.0	.	.	.	202
27 25R47	3	6.68	74.8	38	93	0.8	80	156	1.9	0.7	4.7	6.9	.	.	.	197
28 RC STRATEGY	24	6.06	77.4	35	95	0.9	80	156	0.5	2.7	5.3	7.4	.	.	.	198
29 OTF013:081	27	6.02	74.0	41	92	0.9	101	161	1.2	1.0	4.1	16.8	.	.	.	201
30 TWFO20:038	15	6.20	74.1	43	88	0.8	104	160	0.3	1.2	4.4	11.2	.	.	.	201
31 25W41	26	6.05	74.9	36	91	0.4	83	156	4.2	1.0	4.9	7.0	.	.	.	199
32 26R15	7	6.33	75.1	36	90	0.1	83	156	1.2	0.6	4.8	6.5	.	.	.	199
33 25R35	5	6.46	76.7	32	94	0.1	85	157	4.1	0.3	4.5	3.5	.	.	.	200
34 CM99058	38	5.30	74.7	45	88	0.2	77	162	0.3	1.5	5.0	4.1	.	.	.	202
35 TRIBUTE	9	6.31	79.1	38	91	0.4	81	155	0.1	1.1	4.2	8.2	.	.	.	200
36 RICHLAND	32	5.84	74.3	40	86	0.3	97	159	0.2	3.5	6.2	16.6	.	.	.	198
37 GENESIS-D8006	11	6.30	73.8	43	94	0.7	90	155	0.6	1.6	6.6	13.4	.	.	.	198
38 TW044:094	1	6.80	76.4	41	94	1.0	93	158	3.2	3.3	5.7	9.2	.	.	.	198
LOCATIONS		9	9	9	1	4	9	8	6	2	4	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 2004

TRIAL STATISTICS (GRAIN YIELD)

AREA	LOCATION	MEAN (g m <sup>-2</sup> )	REPS	ERROR SS	ERROR DF	ERROR MS	C.V.%
I	WOODSLEE	759	4	665334	111	5994	10.2%
I	RIDGETOWN	729	4	153402	111	1382	5.1%
I	INWOOD	595	5	125800	148	850	4.9%
II	NAIRN	459	4	53835	111	485	4.8%
II	+WOODSTOCK	629	4	347874	111	3134	8.9%
II	ELORA	641	4	223443	111	2013	7.0%
II	PALMERSTON	749	4	126096	111	1136	4.5%
II	+BATH	289	4	151848	111	1368	12.8%
III	KEMPTVILLE	664	4	370407	111	3337	8.7%

\*100 g m<sup>-2</sup> = 1 t/ha = 893 lbs/acre  
 +Unofficial sites; data used in summaries.

## ONTARIO PERFORMANCE TRIAL 2004; FALL WHEAT

LOCATION - WOODSLEE  
 MANAGEMENT - NORMAL

KEY NAME	YIELD	TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	%	0-9	0-9	0-9	*
1 AC RON	26	7.30	71.1	38	.	.	96	147	.5	.	.	.	.	.	.	.
2 AC MORLEY	10	8.05	76.3	37	.	.	106	148	.0	.	.	.	.	.	.	.
3 SUPERIOR	22	7.50	71.2	40	.	.	96	148	1.3	.	.	.	.	.	.	.
4 AC MACKINNON	23	7.45	69.6	37	.	.	93	147	5.0	.	.	.	.	.	.	.
5 AC MOUNTAIN	38	6.00	69.4	39	.	.	96	148	2.3	.	.	.	.	.	.	.
6 AC ESSEX	27	7.25	68.6	38	.	.	91	147	.0	.	.	.	.	.	.	.
7 MAXINE	18	7.53	71.9	39	.	.	93	147	.0	.	.	.	.	.	.	.
8 CALEDONIA	35	6.80	68.1	38	.	.	80	147	2.5	.	.	.	.	.	.	.
9 WISDOM	27	7.25	70.2	35	.	.	88	144	6.8	.	.	.	.	.	.	.
10 PLATINUM	34	6.83	78.6	41	.	.	93	149	.0	.	.	.	.	.	.	.
11 WHITBY	18	7.53	69.8	38	.	.	102	148	1.0	.	.	.	.	.	.	.
12 WEBSTER	14	7.80	70.6	38	.	.	88	145	.0	.	.	.	.	.	.	.
13 WARWICK	15	7.78	73.2	38	.	.	93	146	2.0	.	.	.	.	.	.	.
14 WARTHOG	8	8.13	75.2	36	.	.	93	147	2.3	.	.	.	.	.	.	.
15 25R49	18	7.53	68.5	40	.	.	78	145	6.5	.	.	.	.	.	.	.
16 PRO 202SRW	27	7.25	68.3	36	.	.	80	145	.0	.	.	.	.	.	.	.
17 WHITNEY	32	7.03	69.8	36	.	.	70	145	.0	.	.	.	.	.	.	.
18 SISSON	33	6.93	71.4	35	.	.	70	145	.0	.	.	.	.	.	.	.
19 25R23	6	8.33	70.9	40	.	.	85	147	2.8	.	.	.	.	.	.	.
20 HARVARD	5	8.53	74.7	41	.	.	90	143	1.0	.	.	.	.	.	.	.
21 CARLISLE	15	7.78	74.1	44	.	.	80	146	3.5	.	.	.	.	.	.	.
22 VIENNA	3	8.65	72.9	36	.	.	93	147	.0	.	.	.	.	.	.	.
23 KRISTY	36	6.60	69.8	38	.	.	85	145	.0	.	.	.	.	.	.	.
24 FT WONDER	12	7.83	72.8	37	.	.	93	146	.0	.	.	.	.	.	.	.
25 AC SAMPSON	9	8.10	71.7	39	.	.	93	148	1.8	.	.	.	.	.	.	.
26 TWO60:075	25	7.34	69.1	37	.	.	91	148	1.5	.	.	.	.	.	.	.
27 25R47	1	9.03	68.7	37	.	.	78	145	1.0	.	.	.	.	.	.	.
28 RC STRATEGY	31	7.10	72.6	32	.	.	78	146	.0	.	.	.	.	.	.	.
29 OTF013:081	12	7.83	72.4	38	.	.	102	149	.0	.	.	.	.	.	.	.
30 TWF020:038	17	7.70	72.0	39	.	.	103	148	.0	.	.	.	.	.	.	.
31 25W41	24	7.35	72.2	37	.	.	83	145	2.5	.	.	.	.	.	.	.
32 26R15	7	8.15	68.9	38	.	.	80	146	.0	.	.	.	.	.	.	.
33 25R35	2	8.95	71.7	32	.	.	80	146	6.0	.	.	.	.	.	.	.
34 CM99058	37	6.15	71.2	37	.	.	75	148	.0	.	.	.	.	.	.	.
35 TRIBUTE	18	7.53	73.3	36	.	.	80	144	.0	.	.	.	.	.	.	.
36 RICHLAND	30	7.23	71.1	40	.	.	93	148	.3	.	.	.	.	.	.	.
37 GENESIS-DB006	11	7.98	69.6	38	.	.	83	145	.0	.	.	.	.	.	.	.
38 TWO44:094	4	8.55	70.4	39	.	.	91	148	2.5	.	.	.	.	.	.	.
MEANS		7.60	71.4	38	.	.	88	146	1.4	.	.	.	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL 2004; 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	8	7.58	75.5	37	.	.8	118	150	3.0	.	.	.	.	.	.	.	192
2 AC MORLEY	12	7.43	79.6	38	.	2.8	123	152	2.0	.	.	.	.	.	.	.	194
3 SUPERIOR	6	7.84	76.0	41	.	1.5	115	152	3.5	.	.	.	.	.	.	.	195
4 AC MACKINNON	10	7.48	72.7	35	.	.5	114	148	5.0	.	.	.	.	.	.	.	192
5 AC MOUNTAIN	24	7.13	74.6	37	.	.8	118	149	4.0	.	.	.	.	.	.	.	192
6 AC ESSEX	21	7.23	74.9	38	.	.2	115	149	3.5	.	.	.	.	.	.	.	192
7 MAXINE	16	7.37	78.4	41	.	2.0	101	147	2.0	.	.	.	.	.	.	.	191
8 CALEDONIA	22	7.17	74.1	37	.	.5	102	149	4.0	.	.	.	.	.	.	.	194
9 WISDOM	14	7.38	74.7	33	.	1.8	102	145	6.5	.	.	.	.	.	.	.	191
10 PLATINUM	36	6.57	81.4	43	.	2.5	125	156	2.5	.	.	.	.	.	.	.	197
11 WHITBY	29	7.06	75.1	37	.	2.2	116	153	3.5	.	.	.	.	.	.	.	196
12 WEBSTER	25	7.12	74.1	35	.	2.0	102	147	5.5	.	.	.	.	.	.	.	191
13 WARWICK	34	6.89	74.9	40	.	1.2	105	146	3.0	.	.	.	.	.	.	.	191
14 WARTHOG	12	7.43	79.8	35	.	1.0	106	150	3.5	.	.	.	.	.	.	.	192
15 25R49	35	6.58	73.1	35	.	.5	95	145	7.5	.	.	.	.	.	.	.	191
16 PRO 202SRW	32	6.96	72.9	35	.	.5	95	145	.5	.	.	.	.	.	.	.	191
17 WHITNEY	31	6.97	74.4	32	.	1.2	94	147	.5	.	.	.	.	.	.	.	192
18 SISSON	33	6.92	75.0	33	.	.5	92	145	.0	.	.	.	.	.	.	.	190
19 25R23	1	8.23	77.2	35	.	.2	103	148	3.0	.	.	.	.	.	.	.	194
20 HARVARD	2	8.00	79.9	44	.	.0	106	147	1.0	.	.	.	.	.	.	.	190
21 CARLISLE	20	7.27	78.6	47	.	.8	94	145	1.5	.	.	.	.	.	.	.	191
22 VIENNA	7	7.82	75.9	30	.	2.2	110	150	.0	.	.	.	.	.	.	.	195
23 KRISTY	23	7.15	74.2	35	.	1.0	104	146	1.0	.	.	.	.	.	.	.	190
24 FT WONDER	19	7.29	75.7	40	.	2.2	106	146	1.5	.	.	.	.	.	.	.	190
25 AC SAMPSON	26	7.10	76.5	42	.	.8	108	153	1.5	.	.	.	.	.	.	.	194
26 TWO60:075	14	7.38	74.0	40	.	1.5	116	152	1.5	.	.	.	.	.	.	.	195
27 25R47	17	7.32	72.8	32	.	2.0	89	145	2.0	.	.	.	.	.	.	.	192
28 RC STRATEGY	18	7.31	76.2	32	.	2.2	93	145	.0	.	.	.	.	.	.	.	191
29 OTF013:081	30	7.02	76.1	40	.	2.2	121	153	3.0	.	.	.	.	.	.	.	194
30 TWF020:038	27	7.07	75.3	40	.	2.0	115	152	1.0	.	.	.	.	.	.	.	194
31 25W41	27	7.07	75.7	30	.	.8	98	146	4.0	.	.	.	.	.	.	.	193
32 26R15	2	8.00	73.1	33	.	.0	97	145	1.5	.	.	.	.	.	.	.	193
33 25R35	11	7.44	77.2	29	.	.0	97	148	5.5	.	.	.	.	.	.	.	195
34 CM99058	36	6.57	76.4	45	.	.0	89	153	.5	.	.	.	.	.	.	.	195
35 TRIBUTE	8	7.58	77.4	33	.	.2	93	145	.0	.	.	.	.	.	.	.	194
36 RICHLAND	5	7.87	76.2	41	.	.0	110	151	.0	.	.	.	.	.	.	.	192
37 GENESIS-D8006	38	6.48	72.3	37	.	1.8	100	146	1.5	.	.	.	.	.	.	.	192
38 TWO44:094	4	7.96	77.3	39	.	2.0	108	151	4.5	.	.	.	.	.	.	.	194
MEANS		7.29	75.8	37	.	1.2	105	148	2.5	.	.	.	.	.	.	.	193

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL 2004; FALL WHEAT

LOCATION - INWOOD  
MANAGEMENT - NORMAL

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 AC RON	27	5.69	78.1	38	.	95	.	1.5	.	.	.	.	.	.	.	.
2 AC MORLEY	10	6.34	81.4	39	.	106	.	.0	.	.	.	.	.	.	.	.
3 SUPERIOR	24	5.76	77.4	41	.	94	.	1.0	.	.	.	.	.	.	.	.
4 AC MACKINNON	21	5.83	78.5	37	.	92	.	2.5	.	.	.	.	.	.	.	.
5 AC MOUNTAIN	15	5.92	78.0	38	.	92	.	2.5	.	.	.	.	.	.	.	.
6 AC ESSEX	33	5.53	76.7	38	.	90	.	2.5	.	.	.	.	.	.	.	.
7 MAXINE	30	5.62	81.5	44	.	86	.	1.0	.	.	.	.	.	.	.	.
8 CALEDONIA	37	5.36	76.7	36	.	80	.	2.0	.	.	.	.	.	.	.	.
9 WISDOM	19	5.85	78.3	35	.	89	.	3.0	.	.	.	.	.	.	.	.
10 PLATINUM	38	4.94	78.1	35	.	103	.	.5	.	.	.	.	.	.	.	.
11 WHITBY	34	5.51	75.0	37	.	100	.	1.0	.	.	.	.	.	.	.	.
12 WEBSTER	13	5.99	76.3	36	.	88	.	1.0	.	.	.	.	.	.	.	.
13 WARWICK	9	6.37	79.3	40	.	91	.	1.0	.	.	.	.	.	.	.	.
14 WARTHOG	18	5.88	81.4	38	.	91	.	2.5	.	.	.	.	.	.	.	.
15 25R49	27	5.69	79.9	39	.	81	.	3.0	.	.	.	.	.	.	.	.
16 PRO 202SRW	31	5.56	78.7	39	.	80	.	.0	.	.	.	.	.	.	.	.
17 WHITNEY	17	5.89	79.3	36	.	76	.	.0	.	.	.	.	.	.	.	.
18 SISSON	25	5.74	78.4	32	.	75	.	.0	.	.	.	.	.	.	.	.
19 25R23	1	6.95	79.7	38	.	90	.	4.0	.	.	.	.	.	.	.	.
20 HARVARD	29	5.63	81.5	44	.	90	.	3.0	.	.	.	.	.	.	.	.
21 CARLISLE	23	5.80	81.7	49	.	81	.	.5	.	.	.	.	.	.	.	.
22 VIENNA	2	6.79	78.4	33	.	92	.	.0	.	.	.	.	.	.	.	.
23 KRISTY	16	5.90	78.0	40	.	85	.	.0	.	.	.	.	.	.	.	.
24 FT WONDER	12	6.04	79.7	44	.	90	.	.0	.	.	.	.	.	.	.	.
25 AC SAMPSON	32	5.54	78.1	40	.	90	.	1.0	.	.	.	.	.	.	.	.
26 TW060:075	25	5.74	75.9	39	.	95	.	1.0	.	.	.	.	.	.	.	.
27 25R47	5	6.66	77.3	37	.	78	.	2.5	.	.	.	.	.	.	.	.
28 RC STRATEGY	11	6.17	80.4	32	.	76	.	.5	.	.	.	.	.	.	.	.
29 OTF013:081	19	5.85	75.6	37	.	102	.	.5	.	.	.	.	.	.	.	.
30 TWF020:038	22	5.81	75.2	40	.	101	.	.0	.	.	.	.	.	.	.	.
31 25W41	6	6.46	78.2	36	.	79	.	3.0	.	.	.	.	.	.	.	.
32 26R15	8	6.44	78.6	35	.	84	.	1.0	.	.	.	.	.	.	.	.
33 25R35	6	6.46	79.7	32	.	82	.	4.0	.	.	.	.	.	.	.	.
34 CM99058	35	5.44	77.5	42	.	78	.	.0	.	.	.	.	.	.	.	.
35 TRIBUTE	3	6.75	84.1	38	.	83	.	.0	.	.	.	.	.	.	.	.
36 RICHLAND	36	5.43	78.8	37	.	92	.	.0	.	.	.	.	.	.	.	.
37 GENESIS-D8006	14	5.95	77.6	41	.	83	.	1.0	.	.	.	.	.	.	.	.
38 TW044:094	4	6.69	79.0	40	.	90	.	3.0	.	.	.	.	.	.	.	.
MEANS		5.95	78.6	38	.	88	.	1.3	.	.	.	.	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL 2004; FALL WHEAT

LOCATION - NAIRN  
 MANAGEMENT - NORMAL

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	STR 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 AC RON	7 4.91	76.5	44	92	.	101	157	.	2.8	6.5	.	4.0	.	.	.	.
2 AC MORLEY	19 4.62	79.9	43	90	.	109	157	.	2.0	4.8	.	2.2	.	.	.	.
3 SUPERIOR	14 4.71	77.2	46	91	.	98	159	.	2.8	5.8	.	3.1	.	.	.	.
4 AC MACKINNON	24 4.51	77.9	42	94	.	95	156	.	6.3	7.0	.	4.0	.	.	.	.
5 AC MOUNTAIN	1 5.15	77.7	44	92	.	98	157	.	2.5	6.3	.	3.3	.	.	.	.
6 AC ESSEX	12 4.75	77.5	46	91	.	96	157	.	3.5	6.3	.	3.6	.	.	.	.
7 MAXINE	38 3.83	80.9	48	93	.	89	154	.	4.8	5.8	.	1.9	.	.	.	.
8 CALEDONIA	30 4.38	76.7	45	93	.	82	156	.	2.8	5.8	.	3.1	.	.	.	.
9 WISDOM	16 4.69	80.4	41	94	.	90	154	.	4.5	6.8	.	1.5	.	.	.	.
10 PLATINUM	36 4.02	79.7	46	92	.	106	161	.	2.5	4.8	.	4.0	.	.	.	.
11 WHITBY	5 4.98	75.5	43	90	.	98	160	.	2.8	6.0	.	2.8	.	.	.	.
12 WEBSTER	23 4.52	78.3	39	87	.	79	157	.	3.8	6.3	.	2.4	.	.	.	.
13 WARWICK	3 5.10	80.2	45	92	.	95	155	.	5.5	5.5	.	1.8	.	.	.	.
14 WARTHOG	27 4.42	81.7	43	96	.	95	157	.	3.8	5.8	.	1.4	.	.	.	.
15 25R49	12 4.75	79.7	47	94	.	82	153	.	3.0	5.8	.	1.7	.	.	.	.
16 PRO 202SRW	10 4.80	79.9	45	90	.	82	154	.	6.5	7.0	.	2.9	.	.	.	.
17 WHITNEY	35 4.09	80.9	40	87	.	75	156	.	5.5	7.0	.	2.9	.	.	.	.
18 SISSON	37 4.00	81.2	40	90	.	81	153	.	5.5	7.3	.	2.8	.	.	.	.
19 25R23	4 5.02	79.5	45	87	.	87	155	.	1.5	5.3	.	2.1	.	.	.	.
20 HARVARD	33 4.19	80.6	49	95	.	93	155	.	3.0	6.3	.	1.8	.	.	.	.
21 CARLISLE	31 4.28	82.1	53	93	.	89	151	.	5.8	5.8	.	2.8	.	.	.	.
22 VIENNA	11 4.78	79.0	39	93	.	95	156	.	3.0	5.8	.	1.0	.	.	.	.
23 KRISTY	24 4.51	80.0	43	93	.	89	153	.	6.3	6.3	.	2.2	.	.	.	.
24 FT WONDER	28 4.41	80.3	47	87	.	90	156	.	4.3	6.3	.	1.1	.	.	.	.
25 AC SAMPSON	22 4.58	78.2	45	93	.	93	160	.	4.3	6.3	.	3.3	.	.	.	.
26 TWO60:075	19 4.62	76.1	45	82	.	95	161	.	2.0	4.3	.	3.2	.	.	.	.
27 25R47	21 4.61	78.9	42	93	.	82	154	.	2.3	5.0	.	2.4	.	.	.	.
28 RC STRATEGY	34 4.11	80.7	40	95	.	76	155	.	4.0	6.3	.	2.4	.	.	.	.
29 OTF013:081	17 4.68	76.7	43	92	.	57	160	.	2.5	4.3	.	3.5	.	.	.	.
30 TWF020:038	15 4.70	76.7	45	88	.	103	160	.	2.3	5.3	.	3.6	.	.	.	.
31 25W41	6 4.94	79.2	41	91	.	80	154	.	1.8	5.0	.	1.5	.	.	.	.
32 26R15	9 4.88	79.7	40	90	.	81	154	.	3.8	5.8	.	1.7	.	.	.	.
33 25R35	18 4.67	80.7	36	94	.	83	154	.	3.8	5.5	.	.6	.	.	.	.
34 CM99058	32 4.25	78.5	53	88	.	79	160	.	2.5	5.0	.	.6	.	.	.	.
35 TRIBUTE	26 4.43	81.6	42	91	.	80	153	.	2.3	5.8	.	1.4	.	.	.	.
36 RICHLAND	28 4.41	77.5	42	86	.	97	159	.	6.0	7.3	.	4.4	.	.	.	.
37 GENESIS-D8006	2 5.14	78.1	49	94	.	89	152	.	5.8	7.3	.	1.9	.	.	.	.
38 TWO44:094	8 4.90	79.5	47	94	.	89	156	.	3.3	6.8	.	2.1	.	.	.	.
MEANS	4.59	79.1	44	91	.	89	156	.	3.7	6.0	.	2.4	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL 2004; FALL WHEAT

LOCATION - WOODSTOCK  
 MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 AC RON	11	6.54	76.1	41	.	.0	112	160	5.0	.	6.0	.	31.3	.	.	.	.
2 AC MORLEY	2	6.90	82.5	40	.	2.0	127	162	3.5	.	4.0	.	12.5	.	.	.	.
3 SUPERIOR	16	6.45	77.3	45	.	.0	110	162	1.8	.	5.5	.	20.0	.	.	.	.
4 AC MACKINNON	20	6.35	76.9	35	.	.0	108	159	3.3	.	8.0	.	20.0	.	.	.	.
5 AC MOUNTAIN	36	5.72	76.1	40	.	.0	112	161	3.0	.	5.5	.	21.3	.	.	.	.
6 AC ESSEX	15	6.48	77.3	41	.	.0	108	161	4.3	.	5.5	.	30.0	.	.	.	.
7 MAXINE	32	5.87	81.1	45	.	.0	97	158	3.5	.	7.5	.	23.8	.	.	.	.
8 CALEDONIA	33	5.79	74.8	35	.	.0	92	160	4.0	.	7.5	.	25.0	.	.	.	.
9 WISDOM	27	6.10	79.8	40	.	.0	95	157	5.3	.	8.5	.	12.5	.	.	.	.
10 PLATINUM	37	5.43	81.9	34	.	.0	127	165	3.3	.	5.5	.	23.8	.	.	.	.
11 WHITBY	33	5.79	72.3	37	.	4.0	107	163	2.8	.	7.5	.	18.8	.	.	.	.
12 WEBSTER	21	6.31	75.6	37	.	.0	98	160	6.0	.	6.0	.	25.0	.	.	.	.
13 WARWICK	23	6.30	78.6	43	.	.0	93	158	6.3	.	7.0	.	18.8	.	.	.	.
14 WARTHOG	35	5.77	82.5	41	.	.0	98	160	5.0	.	7.0	.	22.5	.	.	.	.
15 25R49	4	6.75	79.4	42	.	1.0	85	157	6.3	.	7.5	.	25.0	.	.	.	.
16 PRO 202SRW	30	5.96	76.9	43	.	.0	88	158	3.3	.	9.0	.	36.3	.	.	.	.
17 WHITNEY	5	6.67	79.8	41	.	.0	82	158	2.3	.	7.5	.	31.3	.	.	.	.
18 SISSON	10	6.58	79.8	41	.	.0	82	157	2.3	.	8.5	.	27.5	.	.	.	.
19 25R23	14	6.52	78.6	35	.	.0	87	158	4.8	.	7.0	.	12.5	.	.	.	.
20 HARVARD	26	6.26	82.5	46	.	.0	102	159	2.5	.	7.5	.	18.8	.	.	.	.
21 CARLISLE	25	6.29	82.5	47	.	.0	83	156	3.8	.	9.0	.	23.8	.	.	.	.
22 VIENNA	12	6.53	79.4	36	.	.0	98	160	.5	.	6.0	.	6.3	.	.	.	.
23 KRISTY	7	6.62	79.8	43	.	.0	100	158	4.5	.	7.0	.	20.0	.	.	.	.
24 FT WONDER	12	6.53	81.1	44	.	.0	100	158	3.5	.	8.0	.	12.5	.	.	.	.
25 AC SAMPSON	7	6.62	77.3	43	.	2.0	115	163	4.5	.	7.0	.	26.3	.	.	.	.
26 TW060:075	23	6.30	78.6	45	.	.0	113	163	3.8	.	5.0	.	28.8	.	.	.	.
27 25R47	6	6.64	79.8	42	.	.0	88	158	2.5	.	6.0	.	11.3	.	.	.	.
28 RC STRATEGY	21	6.31	81.9	39	.	.0	88	158	1.0	.	6.0	.	12.5	.	.	.	.
29 OTF013:081	29	6.06	76.1	44	.	.0	118	162	3.3	.	5.0	.	30.0	.	.	.	.
30 TWFO20:038	17	6.42	76.9	45	.	.0	115	162	.8	.	5.0	.	18.8	.	.	.	.
31 25W41	28	6.08	77.3	38	.	.0	92	157	7.5	.	6.0	.	12.5	.	.	.	.
32 26R15	7	6.62	78.6	37	.	.0	88	157	2.3	.	7.5	.	11.3	.	.	.	.
33 25R35	17	6.42	78.6	34	.	.0	90	158	5.0	.	6.0	.	6.3	.	.	.	.
34 CM99058	38	4.90	76.1	46	.	.0	78	164	.3	.	7.0	.	7.5	.	.	.	.
35 TRIBUTE	19	6.38	81.9	39	.	.0	85	158	.0	.	5.0	.	15.0	.	.	.	.
36 RICHLAND	31	5.92	77.3	41	.	.0	107	160	1.0	.	8.0	.	28.8	.	.	.	.
37 GENESIS-D8006	1	6.96	76.1	43	.	.0	102	157	1.0	.	8.5	.	25.0	.	.	.	.
38 TW044:094	3	6.84	79.8	42	.	.0	98	159	2.8	.	8.0	.	16.3	.	.	.	.
MEANS		6.29	78.7	41	.	.2	99	159	3.3	.	6.8	.	20.2	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS



## ONTARIO PERFORMANCE TRIAL 2004; FALL WHEAT

LOCATION - ELORA  
 MANAGEMENT - NORMAL

KEY NAME	YIELD	TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	%	0-9	0-9	0-9	*
1 AC RON	19	6.42	79.8	45	.	110	166	1.5	3.3	3.8	.	.	.	.	.	.
2 AC MORLEY	29	6.18	85.0	42	.	123	166	1.0	1.0	3.0	.	.	.	.	.	.
3 SUPERIOR	14	6.54	80.6	43	.	105	167	1.0	3.0	3.8	.	.	.	.	.	.
4 AC MACKINNON	17	6.50	80.6	42	.	105	164	2.5	2.0	4.8	.	.	.	.	.	.
5 AC MOUNTAIN	31	6.12	79.4	42	.	110	165	.5	3.0	4.3	.	.	.	.	.	.
6 AC ESSEX	24	6.38	81.1	44	.	110	164	1.0	1.7	4.0	.	.	.	.	.	.
7 MAXINE	32	5.97	84.4	44	.	93	162	.0	4.7	5.0	.	.	.	.	.	.
8 CALEDONIA	33	5.96	79.8	42	.	90	164	1.0	5.3	4.5	.	.	.	.	.	.
9 WISDOM	19	6.42	82.5	40	.	97	162	2.5	1.3	4.3	.	.	.	.	.	.
10 PLATINUM	38	5.30	85.6	41	.	122	169	1.5	1.7	4.5	.	.	.	.	.	.
11 WHITBY	36	5.76	78.1	43	.	112	168	1.0	1.0	4.8	.	.	.	.	.	.
12 WEBSTER	7	6.70	79.8	38	.	98	164	3.5	2.7	4.3	.	.	.	.	.	.
13 WARWICK	30	6.14	81.1	47	.	100	162	.0	1.0	4.5	.	.	.	.	.	.
14 WARTHOG	23	6.39	85.0	41	.	102	164	1.5	1.3	4.3	.	.	.	.	.	.
15 25R49	24	6.38	82.5	47	.	88	161	4.0	1.7	4.3	.	.	.	.	.	.
16 PRO 202SRW	34	5.95	81.9	43	.	83	162	.0	5.0	7.3	.	.	.	.	.	.
17 WHITNEY	26	6.29	83.7	41	.	82	163	1.0	1.3	6.8	.	.	.	.	.	.
18 SISSON	19	6.42	83.7	40	.	85	161	.5	3.3	7.0	.	.	.	.	.	.
19 25R23	5	6.84	84.4	45	.	92	163	3.5	2.7	3.0	.	.	.	.	.	.
20 HARVARD	10	6.63	85.0	46	.	100	163	2.0	3.3	4.3	.	.	.	.	.	.
21 CARLISLE	28	6.20	86.0	52	.	83	160	3.0	2.0	6.3	.	.	.	.	.	.
22 VIENNA	3	7.00	80.6	34	.	100	164	.0	3.3	3.8	.	.	.	.	.	.
23 KRISTY	27	6.23	81.1	39	.	90	162	.0	1.3	7.0	.	.	.	.	.	.
24 FT WONDER	13	6.55	82.5	45	.	97	162	.0	2.3	4.8	.	.	.	.	.	.
25 AC SAMPSON	10	6.63	81.1	42	.	105	168	.0	4.3	4.3	.	.	.	.	.	.
26 TW060:075	22	6.41	81.1	44	.	103	168	.0	1.0	3.3	.	.	.	.	.	.
27 25R47	1	7.39	80.6	39	.	85	162	1.0	.7	3.3	.	.	.	.	.	.
28 RC STRATEGY	15	6.52	83.7	33	.	85	163	.0	1.7	5.0	.	.	.	.	.	.
29 OTF013:081	12	6.59	79.8	43	.	113	166	.0	.7	3.0	.	.	.	.	.	.
30 TWFO20:038	16	6.51	80.6	43	.	110	167	.0	.7	3.3	.	.	.	.	.	.
31 25W41	6	6.71	81.1	36	.	87	162	1.5	.7	3.3	.	.	.	.	.	.
32 26R15	8	6.68	82.5	35	.	88	163	1.0	1.0	3.0	.	.	.	.	.	.
33 25R35	4	6.89	83.7	36	.	92	163	.0	.7	2.8	.	.	.	.	.	.
34 CM99058	37	5.53	80.6	47	.	80	168	.0	2.0	3.8	.	.	.	.	.	.
35 TRIBUTE	18	6.44	86.0	40	.	85	161	.5	1.0	2.8	.	.	.	.	.	.
36 RICHLAND	35	5.92	81.1	41	.	108	165	.0	3.3	4.8	.	.	.	.	.	.
37 GENESIS-D8006	9	6.66	81.1	45	.	98	162	.0	2.0	5.5	.	.	.	.	.	.
38 TW044:094	1	7.39	82.5	42	.	100	164	3.0	3.7	3.8	.	.	.	.	.	.
MEANS		6.41	82.1	42	.	98	164	1.0	2.2	4.3	.	.	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL 2004; FALL WHEAT

LOCATION - PALMERSTON  
 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	12	7.73	70.1	41	.	.0	114	166	2.0	2.0	4.0	.	.	.	.	.	205
2 AC MORLEY	17	7.49	74.3	39	.	2.7	126	165	1.7	.7	4.0	.	.	.	.	.	206
3 SUPERIOR	8	7.90	70.4	40	.	.7	112	167	1.3	2.7	4.7	.	.	.	.	.	207
4 AC MACKINNON	19	7.45	71.0	38	.	.0	105	164	1.0	1.7	5.7	.	.	.	.	.	204
5 AC MOUNTAIN	18	7.48	70.4	39	.	.3	109	167	2.0	3.0	4.0	.	.	.	.	.	205
6 AC ESSEX	30	7.16	69.2	40	.	.3	108	165	2.0	2.3	4.7	.	.	.	.	.	204
7 MAXINE	28	7.21	73.7	45	.	.0	96	163	1.3	3.3	5.7	.	.	.	.	.	203
8 CALEDONIA	27	7.24	73.2	40	.	.0	89	165	3.7	4.3	3.7	.	.	.	.	.	205
9 WISDOM	15	7.53	71.4	34	.	1.0	98	163	5.7	.0	4.3	.	.	.	.	.	202
10 PLATINUM	38	6.55	74.8	42	.	1.0	121	170	1.3	1.7	4.0	.	.	.	.	.	208
11 WHITBY	24	7.31	69.6	40	.	.3	116	168	1.3	1.7	4.0	.	.	.	.	.	206
12 WEBSTER	10	7.82	71.5	37	.	.0	103	165	2.3	2.3	6.3	.	.	.	.	.	203
13 WARWICK	11	7.74	72.1	43	.	.0	98	163	1.7	.7	5.3	.	.	.	.	.	204
14 WARTHOG	33	7.08	75.2	40	.	.0	104	166	3.7	.7	4.3	.	.	.	.	.	204
15 25R49	9	7.83	72.2	42	.	.0	89	162	3.7	2.0	5.0	.	.	.	.	.	202
16 PRO 202SRW	29	7.20	72.1	40	.	.0	87	163	.7	4.7	6.0	.	.	.	.	.	203
17 WHITNEY	36	6.90	71.3	35	.	.0	88	164	.3	1.0	6.0	.	.	.	.	.	204
18 SISSON	35	6.93	72.6	37	.	.0	86	162	.0	2.7	6.3	.	.	.	.	.	203
19 25R23	5	8.01	72.3	41	.	.0	91	164	2.7	3.0	3.0	.	.	.	.	.	204
20 HARVARD	32	7.10	73.9	45	.	.0	98	164	2.7	3.3	4.7	.	.	.	.	.	201
21 CARLISLE	23	7.39	74.7	52	.	.0	90	161	1.7	2.3	5.7	.	.	.	.	.	200
22 VIENNA	4	8.16	71.8	37	.	.0	103	166	.0	4.0	4.3	.	.	.	.	.	206
23 KRISTY	37	6.62	74.6	38	.	.0	91	162	1.0	.7	7.7	.	.	.	.	.	203
24 FT WONDER	15	7.53	74.2	43	.	.0	94	163	.7	6.0	4.0	.	.	.	.	.	202
25 AC SAMPSON	22	7.43	71.2	43	.	.0	108	168	.7	2.0	4.0	.	.	.	.	.	206
26 TWO60:075	21	7.44	69.9	41	.	.7	114	169	2.0	1.7	4.0	.	.	.	.	.	208
27 25R47	6	7.99	71.1	37	.	.3	86	162	2.7	.7	4.3	.	.	.	.	.	202
28 RC STRATEGY	19	7.45	71.1	32	.	.0	89	164	1.7	3.7	4.0	.	.	.	.	.	205
29 OTF013:081	24	7.31	71.0	41	.	.3	117	167	.3	1.3	4.0	.	.	.	.	.	207
30 TWF020:038	13	7.71	70.6	45	.	.0	116	168	.0	1.7	4.0	.	.	.	.	.	207
31 25W41	26	7.25	69.6	34	.	.0	89	164	6.7	1.3	5.3	.	.	.	.	.	204
32 26R15	7	7.92	70.7	37	.	.0	94	164	1.3	.3	3.0	.	.	.	.	.	204
33 25R35	1	8.36	72.7	33	.	.0	96	164	4.3	.0	3.7	.	.	.	.	.	205
34 CM99058	31	7.15	70.3	44	.	.0	82	171	1.0	1.0	4.3	.	.	.	.	.	209
35 TRIBUTE	3	8.17	76.7	39	.	.0	89	163	.3	1.3	3.3	.	.	.	.	.	205
36 RICHLAND	34	7.00	69.9	40	.	.3	108	166	.0	3.7	4.7	.	.	.	.	.	204
37 GENESIS-D8006	14	7.67	71.4	42	.	.0	98	163	.0	1.3	5.3	.	.	.	.	.	203
38 TWO44:094	2	8.20	72.9	39	.	.0	101	166	3.7	3.0	4.0	.	.	.	.	.	202
MEANS		7.48	72.0	40	.	.2	100	165	1.8	2.1	4.6	.	.	.	.	.	204

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL 2004; 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	34	2.62	68.2	41	.	.	73	156	.	.	.	.	.	.	.	.	.
2 AC MORLEY	22	2.88	74.4	46	.	.	81	158	.	.	.	.	.	.	.	.	.
3 SUPERIOR	3	3.23	68.8	41	.	.	73	159	.	.	.	.	.	.	.	.	.
4 AC MACKINNON	17	2.97	67.7	42	.	.	68	155	.	.	.	.	.	.	.	.	.
5 AC MOUNTAIN	30	2.70	68.2	41	.	.	71	157	.	.	.	.	.	.	.	.	.
6 AC ESSEX	15	2.99	67.5	40	.	.	74	156	.	.	.	.	.	.	.	.	.
7 MAXINE	29	2.72	72.9	47	.	.	70	155	.	.	.	.	.	.	.	.	.
8 CALEDONIA	38	2.22	65.5	39	.	.	60	159	.	.	.	.	.	.	.	.	.
9 WISDOM	11	3.10	71.8	39	.	.	69	155	.	.	.	.	.	.	.	.	.
10 PLATINUM	8	3.12	74.5	46	.	.	81	160	.	.	.	.	.	.	.	.	.
11 WHITBY	14	3.02	66.2	39	.	.	75	161	.	.	.	.	.	.	.	.	.
12 WEBSTER	27	2.74	68.0	34	.	.	69	157	.	.	.	.	.	.	.	.	.
13 WARWICK	25	2.80	67.0	40	.	.	71	157	.	.	.	.	.	.	.	.	.
14 WARTHOG	22	2.88	74.8	41	.	.	71	158	.	.	.	.	.	.	.	.	.
15 25R49	21	2.90	69.6	41	.	.	66	156	.	.	.	.	.	.	.	.	.
16 PRO 202SRW	27	2.74	71.9	43	.	.	61	155	.	.	.	.	.	.	.	.	.
17 WHITNEY	37	2.29	70.8	38	.	.	55	156	.	.	.	.	.	.	.	.	.
18 SISSON	32	2.66	72.4	38	.	.	56	155	.	.	.	.	.	.	.	.	.
19 25R23	5	3.15	71.6	45	.	.	64	157	.	.	.	.	.	.	.	.	.
20 HARVARD	15	2.99	72.7	44	.	.	74	157	.	.	.	.	.	.	.	.	.
21 CARLISLE	4	3.20	74.1	42	.	.	66	154	.	.	.	.	.	.	.	.	.
22 VIENNA	2	3.24	72.6	40	.	.	68	156	.	.	.	.	.	.	.	.	.
23 KRISTY	17	2.97	71.1	49	.	.	69	155	.	.	.	.	.	.	.	.	.
24 FT WONDER	12	3.05	73.5	44	.	.	74	154	.	.	.	.	.	.	.	.	.
25 AC SAMPSON	24	2.82	70.2	45	.	.	71	161	.	.	.	.	.	.	.	.	.
26 TWO60:075	1	3.27	67.4	39	.	.	73	160	.	.	.	.	.	.	.	.	.
27 25R47	7	3.13	71.3	40	.	.	59	156	.	.	.	.	.	.	.	.	.
28 RC STRATEGY	36	2.51	73.9	38	.	.	60	157	.	.	.	.	.	.	.	.	.
29 OTFO13:081	20	2.91	68.6	44	.	.	84	161	.	.	.	.	.	.	.	.	.
30 TWFO20:038	8	3.12	69.0	44	.	.	76	160	.	.	.	.	.	.	.	.	.
31 25W41	25	2.80	69.7	37	.	.	61	156	.	.	.	.	.	.	.	.	.
32 26R15	32	2.66	71.3	37	.	.	61	158	.	.	.	.	.	.	.	.	.
33 25R35	5	3.15	72.3	32	.	.	65	157	.	.	.	.	.	.	.	.	.
34 CM99058	35	2.55	69.8	47	.	.	56	161	.	.	.	.	.	.	.	.	.
35 TRIBUTE	13	3.04	74.7	37	.	.	64	155	.	.	.	.	.	.	.	.	.
36 RICHLAND	31	2.68	66.1	41	.	.	69	159	.	.	.	.	.	.	.	.	.
37 GENESIS-D8006	10	3.11	67.8	47	.	.	70	156	.	.	.	.	.	.	.	.	.
38 TW044:094	19	2.95	71.8	44	.	.	65	157	.	.	.	.	.	.	.	.	.
MEANS		2.89	70.5	41	.	.	68	157	.	.	.	.	.	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL 2004; FALL WHEAT

LOCATION - KEMPTVILLE  
 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	7	7.47	71.7	40	.	1.5	96	162	.	.	.	.	.	.	.	.
2 AC MORLEY	16	7.01	75.9	40	.	1.8	113	166	.	.	.	.	.	.	.	.
3 SUPERIOR	3	7.76	71.4	40	.	1.8	98	166	.	.	.	.	.	.	.	.
4 AC MACKINNON	12	7.22	71.4	38	.	1.5	93	161	.	.	.	.	.	.	.	.
5 AC MOUNTAIN	5	7.69	71.7	40	.	2.0	96	163	.	.	.	.	.	.	.	.
6 AC ESSEX	2	7.81	71.0	42	.	1.5	94	162	.	.	.	.	.	.	.	.
7 MAXINE	11	7.23	77.0	45	.	1.3	83	161	.	.	.	.	.	.	.	.
8 CALEDONIA	38	4.46	67.8	36	.	.8	76	165	.	.	.	.	.	.	.	.
9 WISDOM	17	6.82	74.7	35	.	2.3	83	160	.	.	.	.	.	.	.	.
10 PLATINUM	28	6.01	74.1	36	.	.5	106	168	.	.	.	.	.	.	.	.
11 WHITBY	21	6.52	68.7	38	.	2.0	99	167	.	.	.	.	.	.	.	.
12 WEBSTER	21	6.52	71.4	33	.	4.5	86	164	.	.	.	.	.	.	.	.
13 WARWICK	29	5.98	73.8	40	.	2.3	84	162	.	.	.	.	.	.	.	.
14 WARTHOG	15	7.08	75.2	35	.	1.3	89	165	.	.	.	.	.	.	.	.
15 25R49	13	7.20	73.2	36	.	2.8	78	161	.	.	.	.	.	.	.	.
16 PRO 202SRW	32	5.79	74.1	38	.	.8	74	162	.	.	.	.	.	.	.	.
17 WHITNEY	25	6.40	73.9	35	.	2.8	72	164	.	.	.	.	.	.	.	.
18 SISSON	35	5.61	73.3	33	.	4.3	69	162	.	.	.	.	.	.	.	.
19 25R23	30	5.96	72.6	34	.	.5	76	164	.	.	.	.	.	.	.	.
20 HARVARD	9	7.37	76.8	44	.	1.3	91	162	.	.	.	.	.	.	.	.
21 CARLISLE	24	6.45	77.1	49	.	.8	78	161	.	.	.	.	.	.	.	.
22 VIENNA	10	7.25	59.4	33	.	2.3	86	163	.	.	.	.	.	.	.	.
23 KRISTY	6	7.53	74.3	40	.	2.5	84	161	.	.	.	.	.	.	.	.
24 FT WONDER	20	6.70	75.6	45	.	2.0	85	162	.	.	.	.	.	.	.	.
25 AC SAMPSON	1	7.98	74.5	39	.	2.3	94	166	.	.	.	.	.	.	.	.
26 TW060:075	27	6.07	69.7	38	.	2.5	97	167	.	.	.	.	.	.	.	.
27 25R47	8	7.39	72.9	35	.	1.0	79	162	.	.	.	.	.	.	.	.
28 RC STRATEGY	14	7.10	75.8	33	.	1.3	79	163	.	.	.	.	.	.	.	.
29 OTF013:081	31	5.92	69.8	37	.	1.3	99	167	.	.	.	.	.	.	.	.
30 TWFO20:038	19	6.72	70.8	42	.	1.0	98	166	.	.	.	.	.	.	.	.
31 25W41	34	5.77	71.2	31	.	1.0	81	163	.	.	.	.	.	.	.	.
32 26R15	35	5.61	72.2	33	.	.5	78	164	.	.	.	.	.	.	.	.
33 25R35	32	5.79	73.4	28	.	.5	79	163	.	.	.	.	.	.	.	.
34 CM99058	37	5.16	72.0	43	.	1.0	74	168	.	.	.	.	.	.	.	.
35 TRIBUTE	23	6.50	76.6	37	.	1.5	73	162	.	.	.	.	.	.	.	.
36 RICHLAND	26	6.12	70.7	40	.	1.0	93	165	.	.	.	.	.	.	.	.
37 GENESIS-D8006	18	6.75	70.3	41	.	1.0	83	161	.	.	.	.	.	.	.	.
38 TW044:094	4	7.70	74.5	38	.	2.0	92	163	.	.	.	.	.	.	.	.
MEANS	6.64	72.6	38	.	1.7	87	164	.	.	.	.	.	.	.	.	.

\* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

Ontario Performance Trial 2004, Fall Wheat - Fusarium Inoculation Data

LOC YR TRAIT	RN04 FHB	RN04 FHB/RAN	NN04 FHB	NN04 FHB/RANK	O104 FHB	O104 FHB/RANK	004 PROV FHB/MEAN	2004 PROV FHB/RANK	PROV.2yr FHB/mean	PROV.2YR FHB/RAN	PROV.3Y FHB/AVE.	PROV.3YR FHB/RANK	PROV.4YR FHB/AVE.	PROV.4YR FHB/RANK
AC RON	26	26	5	10	77	33	29	20	30	16	31	19	31	12
AC MORLEY	20	19	1	4	62	12	21	11	21	5	20	4	20	2
SUPERIOR	13	14	1	5	60	8	19	7	23	9	23	7	23	5
AC MACKINNON	48	38	71	38	64	16	52	38	52	30	43	25	43	18
AC MOUNTAIN	27	27	16	22	68	20	32	25	28	13	28	10	28	8
AC ESSEX	29	29	7	12	77	33	31	23	31	20	30	17	30	11
MAXINE	25	22	23	27	73	28	34	28	33	22	29	15	29	10
CALEDONIA	38	36	17	25	73	28	38	32	38	25	38	21	38	14
WISDOM	7	6	15	21	73	28	24	14	22	7	22	6	22	4
PLATINUM	1	1	2	6	27	4	7	2	13	3	15	2	15	1
WHITBY	11	11	3	9	60	8	19	8	21	6	22	5	22	3
WEBSTER	32	32	10	16	73	28	33	26	31	19	29	12	29	9
WARWICK	26	25	17	26	64	16	32	24	29	14	27	9	27	7
WARTHOG	9	9	11	17	68	20	23	12	23	10	24	8	24	6
25R49	33	33	27	32	81	36	41	34	40	26	38	20	38	13
PRO 202SRW	40	37	44	36	77	33	47	37	45	28	41	23	41	16
WHITNEY	36	35	30	34	81	36	43	36	49	29	43	24	43	17
SISSON	25	24	25	30	68	20	35	29	43	27	38	22	38	15
25R23	30	31	25	31	66	18	37	31	31	18	28	11	28	11
HARVARD	21	20	24	29	81	36	35	30	32	21	29	14	29	14
CARLISLE	8	7	23	28	68	20	27	18	31	17	30	16	30	16
VIENNA	9	10	14	20	62	12	23	13	22	8	19	3	19	3
KRISTY	14	15	32	35	73	28	34	27	33	23	30	18	30	18
FT WONDER	9	8	1	3	19	1	8	4	7	1	8	1	8	1
AC SAMPSON	12	12	16	24	68	19	26	17	30	15	29	13	29	13
TW060-075	19	17	1	2	60	7	20	10	26	12	29	14	26	12
25R47	17	16	8	14	71	27	25	15	25	11	19	11	25	11
RC STRATEGY	35	34	30	33	68	20	40	33	36	24	40	36	36	24
OTF013-081	6	5	1	1	19	1	6	1	14	4	8	2	14	4
TWF020-038	5	4	2	7	20	3	8	3	12	2	29	12	12	2
25W41	13	13	3	8	60	8	19	9	30	15	30	15	30	15
26R15	28	28	9	15	62	12	29	19	26	12	29	19	26	12
25R35	3	2	6	11	62	12	17	6	25	6	19	6	25	6
CM99058	5	3	8	13	50	5	16	5	36	5	30	5	36	5
TRIBUTE	22	21	16	23	68	20	30	22	36	24	40	36	36	24
RICHLAND	30	30	61	37	54	6	42	35	36	24	40	36	36	24
GENESIS-D8006	19	18	12	18	60	8	25	16	14	4	8	2	14	4
TW044-094	25	23	12	19	68	20	29	21	12	2	29	12	12	2

FHBI = FUSARIUM HEAD BLIGHT INDEX = % SPIKELETS INFECTED x % HEADS INFECTED

ONTARIO PERFORMANCE TRIAL 2004; FALL WHEAT  
2004/2005 FALL WHEAT PERFORMANCE ENTRY LIST

1 AC RON;SWW  
2 AC MORLEY;HRW  
3 SUPERIOR (TW93211);SWW  
4 AC MACKINNON PRC9308;SWW  
5 AC MOUNTAIN (H649:14);SWW  
6 MAXINE;CM95009;HRW  
7 CALEDONIA;SWW  
8 WISDOM (139J);SRW  
9 PLATINUM;CM97001;HRW  
10 WHITBY;TW96273;SWW  
11 WEBSTER;SRW;GENESIS99:53  
12 WARWICK;TW97613;SRW  
13 WARTHOG;HRW; TW025:C36  
14 SISSON;RC98113;SRW  
15 25R23;SRW  
16 HARVARD;CM98036;HRW  
17 CARLISLE;CM98091;HRW  
18 VIENNA;CM24;SRW  
19 FT WONDER;OTH017:033;SRW  
20 AC SAMPSON;HRW  
21 TW060:075;SWW  
22 25R47;SRW  
23 RC STRATEGY;VA98W:586;SRW  
24 OTF013:081;SWW  
25 TWFO20:038;SWW  
26 25W41;SWW  
27 TRIBUTE;VA98W:593;SRW  
28 GENESIS-D8006;SWW  
29 TW044:094;SRW  
30 TW0122:001;SWW  
31 HONDO;HRW  
32 PRC0111;HRW  
33 GENESIS:D6234;SWW  
34 GENESIS:E1007;SRW  
35 GENESIS:R045;SRW  
36 IL98:5258;SRW  
37 VAN00W:186;SRW

## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 2004

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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
O1	OTTAWA-1
PN	PALMERSTON
SI	ST. ISIDORE
TB	THUNDER BAY
VR	VERNER
WR	WINCHESTER
WP	WINTHROP

## ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 2004

DESCRIPTION OF VARIETIES/LINES TESTED

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

- 1 Quantum;  
HRS-a                    CM93609 - line BWS-01/line WBF16-3-2 - Pflanzenzucht,  
Oberlimpurg, GDR - C&M Seeds - 03/1999, 4877, Full Regional  
Registration for Eastern Canada.
- 2\*AC Brio;  
HRS                        QW547:31 - Columbus/S68147//Laval19/Columbus - Dubuc, Agriculture  
& Agri-Food Canada, Ste.Foy, PQ - C & M Seeds - 12/96,4427 -  
Full Regional Registration for Eastern Canada.
- 3 889-6-28-883;  
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.
- 4 WENDELL hrs;  
HRS-a                    N94-0105 - Sinton/Olaf//Oslo/3/Guard/4/Norseman/Coteau -  
AGRIPRO - Thompson Ltd.- Reg.# 5412 - Full Regional  
Registraion for Nfld, PEI, NS, NB, ON and BC.
- 5 SS Fundy;  
EFS                        H770.87 - Timmo/Max - La Coop Federee - 1993, Full National  
Registration.
- 6 TORKA;  
HRS                        CFB 97633 - La Coop Federee -2002, Full Regional Registration  
for Eastern Canada.
- 7\*AC BARRIE;  
HRS                        BW661 - Agriculture & Agri-Food Canada, Swift Current  
- SeCan Assoc. - Full National Registration - PBR protected.

\* 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 2004

## DESCRIPTION OF VARIETIES/LINES TESTED

Variety Name;class type: experimental designation - pedigree - breeder,institute - sponsor, distributor - date, number and type of registration.	
8* <b>SUPERB</b> ; HRS-a	BW252 - Agriculture & Agri-Food Canada, Winnipeg - SeCan Assoc. - Full National Registration
9 606;HRS-a 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, Full Regional Registration for Nfld, NS, NB, PEI, ON.
10 <b>WINFIELD (W94194)</b> ; HRS-a	CDC Teal/ND640 ( Columbus/Butte) - Pierre Hucl - Crop Developement Centre, Saskatchewan - Hyland Seeds, Thompson Ltd.- Registration pending.
11 <b>ARION (CFB 97626)</b> ; HRS-A	La Coop Federee - supported for Full Regional Registration for Eastern Canada in 2002.
12 <b>HOFFMAN (QW628:5)</b> ; EFS-a	Flickers/Ankra/2/AC Brio - J.P.Dubuc, AAFC Ste.Foy, PQ - Thompson Ltd. - Registration pending.
13 <b>B89:5:52:1059</b> ; 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.
14 <b>B89:12:51:1248</b> ; 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.
15 <b>SABLE (CM2032)</b> ; HRS-a	TG3S/B58-664HCH - Dr. Peter Franck, ACS-PZO - C & M Seeds - Registered 03/2003, 5734, Full Regional Registration for: Nfld, NS, NB, PEI, ON.
16 <b>W98095</b> ;	Grandin/SD3055 - Pierre Hucl - Crop Developement Centre, Saskatchewan - Thompson Ltd., Hyland Seeds.
17 <b>BROOKFIELD(AW466)</b> ; HRS	Kolibri/Gamenya//Wisc.271/Oskar/3/SS Fundy, AAFC-Charlottetown - C&M Seeds - registered
18 <b>AW488</b> ; HRS	(Thatcher//Reward/Chinook/3/Neepewa/4/Opal/Vendel) //(Gamenya/Kolibri/2/Cosir)AAFC-Charlottetown - SeCan. - not registered
19 <b>CRGB-0-623.4</b> ; HRS	AC Pollet/QW539.8//QW526.1/QW530.2 - Jean-Pierre Dubuc, Ste.Foy - CEROM/ECORC - registration pending.

\* 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 2004

## LOCATIONS REPORTING YIELD IN EACH AREA FROM 1997 TO 2004

## 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.  
2004: Monkton, Elora, Palmerston.

## AREA III:

1997: Kemptville, Ottawa.  
1998: Kemptville, Ottawa.  
1999: Winchester, Ottawa, Beachburg\*.  
2000: Winchester, Ottawa, Beachburg\*, St.Isidore\*.  
2001: Winchester, Ottawa, Beachburg\*, St.Isidore\*.  
2002: Winchester, Ottawa, Beachburg\*, St.Isidore\*.  
2003: Winchester, Ottawa, St.Isidore\*.  
2004: Winchester, Ottawa, St.Isidore\*.

## AREA V:

1997: New Liskeard.  
1998: New Liskeard.  
1999: New Liskeard.  
2000: New Liskeard, Emo\*.  
2001: Verner\*.  
2002: New Liskeard, Verner\*.  
2003: New Liskeard, Emo\*, Verner\*, Thunder Bay\*.  
2004: New Liskeard, Emo\*, Verner\*.

## AREA VI:

2000: Kapuskasing\*  
2001: Kapuskasing\*  
2002: Kapuskasing\*

\* Unofficial site.

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD

YEAR(S): 1997-2004

KEY NAME	AREA II (24)*	AREA III (25)	AREA V&VI(18)+	PROV. (67)**
1 QUANTUM	111.2	99.7	100.4	104.0
2 AC BRIO	88.8	100.3	99.6	96.0
OVERALL MEAN	3.66	4.17	4.52	4.08

YEAR(S): 2001-2004

KEY NAME	AREA II (12)*	AREA III (14)	AREA V&VI(12)+	PROV. (38)**
1 QUANTUM	118.3	105.0	99.9	107.6
2 AC BRIO	97.7	107.4	99.2	101.7
3 B89:6:28:883	107.9	94.3	98.8	100.0
4 WENDELL	100.2	98.2	100.5	99.5
5 SS FUNDY	90.7	96.9	102.1	96.6
6 TORKA	85.1	98.3	99.6	94.5
OVERALL MEAN	3.76	4.44	4.50	4.25

YEAR(S): 2002-2004

KEY NAME	AREA II( 9)*	AREA III(10)	AREA V&VI(10)+	PROV.(29)**
1 QUANTUM	114.9	107.4	100.4	107.3
2 AC BRIO	96.2	109.9	99.3	102.0
3 B89:6:28:883	106.7	99.9	101.0	102.4
4 WENDELL	95.5	97.4	100.1	97.7
5 SS FUNDY	83.7	90.5	99.9	91.6
6 TORKA	76.1	93.9	97.8	89.7
7 AC BARRIE	89.1	100.1	90.2	93.3
8 SUPERB	103.5	101.8	98.1	101.0
9 606	104.8	95.8	98.7	99.6
10 WINFIELD	96.1	97.6	97.1	97.0
11 ARION	94.7	87.5	89.8	90.5
12 HOFFMAN	121.0	121.6	126.7	123.2
13 B89:5:52:1059	105.5	96.8	98.3	100.0
14 B89:12:51:1248	112.0	99.9	102.6	104.6
OVERALL MEAN	3.57	4.43	4.65	4.24

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD

YEAR(S): 2003-2004

KEY NAME	AREA II ( 6)*	AREA III ( 6)	AREA V&VI( 7)+	PROV. (19)**
1 QUANTUM	117.6	110.7	105.0	110.8
2 AC BRIO	94.2	111.7	99.4	101.7
3 B89:6:28:883	106.8	103.2	106.7	105.6
4 WENDELL	91.3	95.2	99.3	95.5
5 SS FUNDY	80.3	79.6	99.3	87.1
6 TORKA	72.1	86.7	94.2	84.9
7 AC BARRIE	88.1	103.9	87.4	92.8
8 SUPERB	99.8	101.0	94.1	98.1
9 606	102.3	97.7	100.6	100.2
10 WINFIELD	92.6	96.7	95.4	94.9
11 ARION	92.2	80.5	85.0	85.8
12 HOFFMAN	118.7	121.9	129.3	123.6
13 B89:5:52:1059	105.5	95.6	99.5	100.2
14 B89:12:51:1248	114.7	100.1	107.2	107.3
15 SABLE	117.4	105.9	100.9	107.7
16 W98095	106.5	109.8	96.5	103.9
OVERALL MEAN	3.19	3.81	4.64	3.92

YEAR(S): 2004

KEY NAME	AREA II ( 3)*	AREA III ( 3)	AREA V&VI( 3)+	PROV. (9)**
1 QUANTUM	121.1	106.7	106.5	111.5
2 AC BRIO	92.2	117.4	105.4	105.0
3 B89:6:28:883	112.2	110.6	115.8	112.8
4 WENDELL	98.4	105.0	107.5	103.6
5 SS FUNDY	68.7	71.6	93.9	78.1
6 TORKA	66.1	83.7	92.8	80.9
7 AC BARRIE	85.5	103.1	86.8	91.8
8 SUPERB	97.6	96.3	93.4	95.8
9 606	109.3	94.5	101.5	101.7
10 WINFIELD	95.0	106.6	100.9	100.8
11 ARION	91.7	82.3	85.3	86.4
12 HOFFMAN	127.6	128.9	122.0	126.2
13 B89:5:52:1059	111.8	94.2	98.7	101.5
14 B89:12:51:1248	118.8	97.0	107.1	107.6
15 SABLE	123.1	107.2	110.0	113.4
16 W98095	100.9	109.6	98.1	102.9
17 BROOKFIELD	100.7	99.6	104.5	101.6
18 AW488	103.5	97.5	85.7	95.6
19 CRGB-0-623.4	76.0	88.4	84.1	82.8
OVERALL MEAN	2.82	3.17	4.19	3.40

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

## DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD  
 YEAR(S): 1997-2002  
 AREA(S): 2- 6

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WP97N	EA97N	HN97N	KE97N	O197N	NL97N	WP98N	EA98N	HN98N	KE98N
1 QUANTUM	106	112	110	98	103	103	113	128	117	104
2 AC BRIO	94	88	90	102	97	97	87	72	83	96
LOCATION MEAN	3.85	4.14	3.50	5.49	3.33	2.87	1.96	2.49	2.20	2.20

KEY NAME	O198N	NL98N	WP99N	EA99N	HN99N	BG99N	O199N	WR99N	NL99N	WP00N
1 QUANTUM	98	96	116	103	119	96	104	103	100	108
2 AC BRIO	102	104	84	97	81	104	96	97	100	92
LOCATION MEAN	2.24	4.29	3.28	5.12	3.99	3.86	3.60	5.35	4.86	2.85

KEY NAME	EA00N	HNO0N	O100N	BG00N	SIO0N	WRO0N	NLO0N	EO00N	KG00N
1 QUANTUM	101	130	111	103	90	98	106	98	102
2 AC BRIO	99	70	89	97	110	102	94	102	98
LOCATION MEAN	3.74	3.05	3.02	2.66	4.73	2.33	5.81	4.85	4.86

KEY NAME	MK01N	EA01N	PN01N	WR01N	BG01N	O101N	SI01N	VR01N	KG01N
1 QUANTUM	106	114	111	106	99	97	90	97	97
2 AC BRIO	94	88	85	103	95	92	111	99	95
3 B89:6:28:883	92	100	94	77	84	76	82	93	79
4 WENDELL	109	92	102	96	98	106	100	105	95
5 SS FUNDY	99	106	98	113	122	111	105	105	118
6 TORKA	100	101	109	105	102	117	112	100	116
LOCATION MEAN	4.49	5.11	4.66	5.60	4.07	3.96	4.28	2.73	4.95

KEY NAME	MK02N	EA02N	PN02N	BG02N	WR02N	O102N	SI02N	NL02N	VR02N	KG02N
1 QUANTUM	110	107	96	94	107	103	98	89	88	93
2 AC BRIO	90	100	102	110	100	102	109	102	89	108
3 B89:6:28:883	108	109	90	82	103	95	93	84	98	83
4 WENDELL	101	101	101	96	100	101	99	105	106	95
5 SS FUNDY	91	80	95	111	104	108	100	105	86	115
6 TORKA	80	72	95	107	98	106	101	94	107	118
7 AC BARRIE	83	90	92	92	93	91	94	99	104	88
8 SUPERB	110	108	103	106	93	105	101	114	103	107
9 606	119	98	100	88	98	91	89	98	98	89
10 WINFIELD	99	99	103	107	92	93	97	105	101	98
11 ARION	101	92	98	99	90	91	106	100	107	97
12 HOFFMAN	112	129	124	118	126	120	113	125	126	114
13 B89:5:52:1059	95	107	103	96	101	92	99	92	97	99
14 B89:12:51:1248	101	107	100	95	94	103	100	90	91	95
LOCATION MEAN	3.91	4.42	4.95	3.79	6.06	6.40	5.38	5.05	4.69	4.25

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

## DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD  
 YEAR : 2003-2004  
 AREA(S): 2- 6

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	MK03N	EA03N	PN03N	WR03N	O103N	SI03N	NL03N	VR03N	TB03N	EO03N
1 QUANTUM	123	120	107	113	108	127	108	96	103	113
2 AC BRIO	88	102	101	111	98	113	105	92	96	92
3 B89:6:28:883	104	110	95	102	95	94	112	102	100	92
4 WENDELL	80	75	100	86	99	75	89	99	91	99
5 SS FUNDY	99	81	96	95	95	75	101	103	111	103
6 TORKA	69	77	88	87	98	86	78	110	97	100
7 AC BARRIE	100	82	92	102	99	116	84	87	97	87
8 SUPERB	105	104	101	101	108	110	101	98	96	87
9 606	98	103	91	97	108	101	96	102	97	110
10 WINFIELD	88	95	89	86	93	84	107	88	96	79
11 ARION	96	84	100	89	84	65	76	91	83	93
12 HOFFMAN	119	106	109	109	119	120	157	118	121	149
13 B89:5:52:1059	100	101	102	103	99	93	103	97	106	99
14 B89:12:51:1248	111	116	109	104	101	107	117	116	104	98
15 SABLE	114	116	110	106	100	110	70	105	105	101
16 W98095	107	125	109	110	98	125	95	97	97	97
LOCATION MEAN	3.11	3.59	3.95	5.22	3.89	4.19	4.87	4.19	6.51	4.12

KEY NAME	MK04N	EA04N	PN04N	WR04N	O104N	SI04N	NL04N	VR04N	EO04N
1 QUANTUM	166	103	94	116	112	93	99	96	125
2 AC BRIO	83	91	103	126	124	102	109	107	99
3 B89:6:28:88	135	103	98	126	110	96	104	130	114
4 WENDELL hrs	86	112	97	93	115	108	112	112	98
5 SS FUNDY	34	75	97	63	66	86	103	76	103
6 TORKA	30	70	99	79	76	96	69	96	114
7 AC BARRIE	77	82	98	102	111	96	95	75	90
8 SUPERB	115	97	80	99	85	105	89	96	95
9 606	140	104	84	86	106	91	110	103	92
10 WINFIELD	68	114	103	89	118	112	104	115	84
11 ARION	72	109	95	66	86	94	76	86	94
12 HOFFMAN	133	110	140	139	131	117	139	109	118
13 B89:5:52:1059	132	99	104	102	90	90	99	109	88
14 B89:12:51:1248	136	106	114	102	99	90	102	122	98
15 SABLE	153	120	96	106	109	107	120	111	99
16 W98095	127	92	84	119	105	105	93	103	98
17 BROOKFIELD	85	104	113	109	78	111	103	96	115
18 AW488	77	114	120	93	90	110	80	83	94
19 CRGB-0-623.4	51	94	83	86	89	90	93	74	85
LOCATION MEAN	1.38	3.55	3.54	3.03	2.74	3.75	4.75	3.03	4.80

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

TRAIT : YIELD  
YEAR(S): 1997-2004

KEY NAME	AREA II (24)*	AREA III (25)	AREA V&VI(18)+	PROV. (67)**
1 QUANTUM	4.01	4.16	4.56	4.21
2 AC BRIO	3.30	4.19	4.49	3.95
OVERALL MEAN	3.66	4.17	4.52	4.08

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II (24)*	AREA III (25)	AREA V&VI(18)+	PROV. (67)**
1 QUANTUM	111.2	99.7	100.4	104.0
2 AC BRIO	88.8	100.3	99.6	96.0
OVERALL MEAN	3.66	4.17	4.52	4.08

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

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 QUANTUM	1 4.01	76.1	40	0.7	91	55	0.3	3.6	4.2	1.2	12.8	.	1.8	0.0	85
2 AC BRIO	2 3.30	74.4	37	1.3	98	58	5.2	2.8	5.3	3.2	15.0	.	1.5	1.0	88
LOCATIONS	24	23	21	11	24	24	18	10	11	2	9	0	3	1	3

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 QUANTUM	2 4.16	78.8	39	1.5	81	52	.	5.0	.	.	15.1	.	.	.	83
2 AC BRIO	1 4.19	78.5	39	3.0	92	54	.	4.3	.	.	17.5	.	.	.	85
LOCATIONS	25	25	25	11	20	18	0	1	0	0	2	0	0	0	2

AREA(S): 5- 6

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 QUANTUM	1 4.56	72.0	44	0.7	83	56	.	3.5	0.5	.	.	.	0.0	0.0	106
2 AC BRIO	2 4.49	71.1	42	0.8	96	58	.	5.2	0.0	.	.	.	0.0	0.5	107
LOCATIONS	18	18	18	9	18	10	0	2	1	0	0	0	1	1	12

AREA(S): 2- 6

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL %	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 QUANTUM	1 4.21	76.0	41	1.0	85	54	0.3	3.7	3.9	1.2	13.2	.	1.4	0.0	100
2 AC BRIO	2 3.95	75.0	39	1.8	96	56	5.2	3.3	4.9	3.2	15.4	.	1.1	0.8	102
LOCATIONS	67	66	64	31	62	52	18	13	12	2	11	0	4	2	17

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

TRAIT : YIELD

YEAR(S): 2001-2004

KEY NAME	AREA II (12)*	AREA III (14)	AREA V&VI(12)+	PROV. (38)**
1 QUANTUM	4.27	4.64	4.52	4.49
2 AC BRIO	3.67	4.72	4.46	4.30
3 B89:6:28:883	3.92	4.15	4.43	4.16
4 WENDELL	3.79	4.34	4.49	4.21
5 SS FUNDY	3.55	4.40	4.64	4.21
6 TORKA	3.37	4.41	4.48	4.10
OVERALL MEAN	3.76	4.44	4.50	4.27

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II (12)*	AREA III (14)	AREA V&VI(12)+	PROV. (38)**
1 QUANTUM	118.3	105.0	99.9	107.6
2 AC BRIO	97.7	107.4	99.2	101.7
3 B89:6:28:883	107.9	94.3	98.8	100.0
4 WENDELL	100.2	98.2	100.5	99.5
5 SS FUNDY	90.7	96.9	102.1	96.6
6 TORKA	85.1	98.3	99.6	94.5
OVERALL MEAN	3.76	4.44	4.50	4.25

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS



## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

YEAR(S): 2001-2004

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 QUANTUM	1	4.27	77.3	41	0.4	93	56	0.2	3.9	5.6	0.5	12.4	.	1.4	.	90
2 AC BRIO	4	3.67	75.7	39	1.4	102	58	5.9	3.7	6.1	1.0	14.9	.	0.5	.	92
3 B89:6:28:883	2	3.92	79.0	38	1.4	101	56	1.8	0.9	5.2	2.0	12.5	.	1.4	.	92
4 WENDELL	3	3.79	73.6	30	1.5	88	60	3.7	1.2	4.5	0.5	12.2	.	0.7	.	93
5 SS FUNDY	5	3.55	72.1	28	1.1	100	61	0.7	6.1	5.6	0.5	17.9	.	0.2	.	94
6 TORKA	6	3.37	67.8	29	1.5	103	65	0.1	3.6	4.4	1.3	19.3	.	0.0	.	98
LOCATIONS		12	12	10	6	12	12	8	6	6	1	6	0	1	0	1

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 QUANTUM	2	4.64	79.3	42	1.2	82	51	.	.	.	.	.	.	.	.	.
2 AC BRIO	1	4.72	78.9	41	1.8	94	53	.	.	.	.	.	.	.	.	.
3 B89:6:28:883	6	4.15	80.3	38	1.6	91	51	.	.	.	.	.	.	.	.	.
4 WENDELL	5	4.34	77.9	32	1.3	79	55	.	.	.	.	.	.	.	.	.
5 SS FUNDY	4	4.40	77.5	33	1.5	90	56	.	.	.	.	.	.	.	.	.
6 TORKA	3	4.41	76.7	36	2.2	96	58	.	.	.	.	.	.	.	.	.
LOCATIONS		14	14	14	6	12	9	0	0	0	0	0	0	0	0	0

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 QUANTUM	2	4.52	69.7	46	0.7	82	56	.	7.0	.	.	.	.	.	.	104
2 AC BRIO	5	4.46	68.8	45	1.1	94	58	.	6.5	.	.	.	.	.	.	104
3 B89:6:28:883	6	4.43	70.7	43	0.8	90	56	.	2.0	.	.	.	.	.	.	104
4 WENDELL	3	4.49	67.5	37	1.0	81	59	.	2.3	.	.	.	.	.	.	105
5 SS FUNDY	1	4.64	67.4	38	0.8	90	60	.	8.5	.	.	.	.	.	.	106
6 TORKA	4	4.48	66.1	39	1.4	93	62	.	6.0	.	.	.	.	.	.	108
LOCATIONS		12	12	12	5	12	6	0	1	0	0	0	0	0	0	7

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 QUANTUM	1	4.49	75.6	43	0.8	86	54	0.2	4.3	5.6	0.5	12.4	.	1.4	.	102
2 AC BRIO	2	4.30	74.7	42	1.5	97	56	5.9	4.1	6.1	1.0	14.9	.	0.5	.	103
3 B89:6:28:883	5	4.16	76.9	40	1.3	94	54	1.8	1.0	5.2	2.0	12.5	.	1.4	.	102
4 WENDELL	3	4.21	73.2	33	1.3	83	58	3.7	1.3	4.5	0.5	12.2	.	0.7	.	104
5 SS FUNDY	3	4.21	72.6	33	1.2	93	59	0.7	6.5	5.6	0.5	17.9	.	0.2	.	105
6 TORKA	6	4.10	70.5	35	1.7	97	62	0.1	3.9	4.4	1.3	19.3	.	0.0	.	107
LOCATIONS		38	38	36	17	36	27	8	7	6	1	6	0	1	0	8

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

TRAIT : YIELD

YEAR(S): 2002-2004

KEY NAME	AREA II( 9)*	AREA III(10)	AREA V&VI(10)+	PROV.(29)**
1 QUANTUM	3.94	4.73	4.68	4.47
2 AC BRIO	3.49	4.80	4.61	4.33
3 B89:6:28:883	3.72	4.38	4.67	4.27
4 WENDELL	3.46	4.29	4.62	4.15
5 SS FUNDY	3.12	4.14	4.70	4.02
6 TORKA	2.86	4.23	4.53	3.91
7 AC BARRIE	3.21	4.38	4.24	3.97
8 SUPERB	3.68	4.51	4.57	4.27
9 606	3.65	4.23	4.58	4.17
10 WINFIELD	3.52	4.26	4.51	4.11
11 ARION	3.45	3.93	4.17	3.86
12 HOFFMAN	4.30	5.34	5.92	5.22
13 B89:5:52:1059	3.70	4.30	4.57	4.21
14 B89:12:51:1248	3.92	4.43	4.74	4.38
OVERALL MEAN	3.57	4.43	4.65	4.24

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II( 9)*	AREA III(10)	AREA V&VI(10)+	PROV.(29)**
1 QUANTUM	114.9	107.4	100.4	107.3
2 AC BRIO	96.2	109.9	99.3	102.0
3 B89:6:28:883	106.7	99.9	101.0	102.4
4 WENDELL	95.5	97.4	100.1	97.7
5 SS FUNDY	83.7	90.5	99.9	91.6
6 TORKA	76.1	93.9	97.8	89.7
7 AC BARRIE	89.1	100.1	90.2	93.3
8 SUPERB	103.5	101.8	98.1	101.0
9 606	104.8	95.8	98.7	99.6
10 WINFIELD	96.1	97.6	97.1	97.0
11 ARION	94.7	87.5	89.8	90.5
12 HOFFMAN	121.0	121.6	126.7	123.2
13 B89:5:52:1059	105.5	96.8	98.3	100.0
14 B89:12:51:1248	112.0	99.9	102.6	104.6
OVERALL MEAN	3.57	4.43	4.65	4.24

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

55  
 ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

YEAR(S): 2002-2004

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 QUANTUM	2 3.94	77.1	39	0.2	92	56	0.3	3.2	6.0	0.5	13.1	1.4			90	
2 AC BRIO	9 3.49	75.4	37	1.3	103	57	5.9	3.8	6.3	1.0	16.3	0.5			92	
3 B89:6:28:883	4 3.72	78.9	37	1.6	99	56	1.4	1.1	5.4	2.0	12.2	1.4			92	
4 WENDELL	10 3.46	73.0	29	1.7	87	60	3.5	1.5	4.8	0.5	12.7	0.7			93	
5 SS FUNDY	13 3.12	71.0	25	0.9	100	61	1.1	6.1	5.9	0.5	19.7	0.2			94	
6 TORKA	14 2.86	66.5	27	1.3	101	64	0.2	3.0	4.6	1.3	22.1	0.0			98	
7 AC BARRIE	12 3.21	75.6	33	0.7	101	58	6.5	3.9	6.6	1.0	9.3	0.3			91	
8 SUPERB	6 3.68	76.4	40	0.6	93	56	2.5	2.2	6.3	0.5	15.6	0.6			93	
9 606	7 3.65	79.0	30	0.2	85	59	0.2	1.9	5.3	1.8	17.4	0.7			93	
10 WINFIELD	8 3.52	75.5	30	1.7	98	60	2.2	1.6	5.2	0.5	24.1	0.2			93	
11 ARION	11 3.45	74.3	27	0.2	83	61	0.4	1.4	5.1	1.0	9.5	0.5			94	
12 HOFFMAN	1 4.30	74.7	40	2.9	110	60	0.6	1.2	4.9	1.5	14.3	0.4			95	
13 B89:5:52:1059	5 3.70	75.2	39	3.9	103	57	1.8	2.1	5.6	1.3	14.5	0.2			89	
14 B89:12:51:1248	3 3.92	78.2	35	1.9	100	56	0.8	1.2	5.9	1.0	10.0	0.1			92	
LOCATIONS		9	9	7	4	9	9	5	4	5	1	5	0	1	0	1

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 QUANTUM	3 4.73	78.1	41	1.2	81	51										
2 AC BRIO	2 4.80	77.3	40	2.0	93	53										
3 B89:6:28:883	6 4.38	79.3	37	1.7	90	51										
4 WENDELL	9 4.29	76.4	31	1.3	79	55										
5 SS FUNDY	13 4.14	75.6	31	1.6	90	56										
6 TORKA	11 4.23	75.0	35	2.5	95	59										
7 AC BARRIE	6 4.38	77.4	37	2.3	89	53										
8 SUPERB	4 4.51	77.7	39	1.6	86	52										
9 606	11 4.23	80.2	33	1.0	75	54										
10 WINFIELD	10 4.26	77.2	34	2.1	88	55										
11 ARION	14 3.93	76.4	30	1.0	74	56										
12 HOFFMAN	1 5.34	77.7	45	2.4	97	55										
13 B89:5:52:1059	8 4.30	76.4	39	3.6	91	52										
14 B89:12:51:1248	5 4.43	78.6	35	2.3	89	52										
LOCATIONS		10	10	10	5	10	7	0	0	0	0	0	0	0	0	2

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

YEAR(S): 2002-2004

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 QUANTUM	4	4.68	68.2	48	0.6	84	56	.	7.0	.	.	.	.	.	.	104
2 AC BRIO	7	4.61	67.4	46	1.1	96	58	.	6.5	.	.	.	.	.	.	104
3 B89:6:28:883	5	4.67	69.4	44	0.8	93	56	.	2.0	.	.	.	.	.	.	104
4 WENDELL	6	4.62	65.6	38	1.0	82	59	.	2.3	.	.	.	.	.	.	105
5 SS FUNDY	3	4.70	65.6	39	0.8	92	60	.	8.5	.	.	.	.	.	.	106
6 TORKA	11	4.53	64.4	39	1.5	94	62	.	6.0	.	.	.	.	.	.	108
7 AC BARRIE	13	4.24	66.5	43	1.1	93	57	.	7.8	.	.	.	.	.	.	104
8 SUPERB	9	4.57	68.3	45	1.4	86	57	.	4.8	.	.	.	.	.	.	105
9 606	8	4.58	67.7	40	0.5	77	58	.	7.5	.	.	.	.	.	.	106
10 WINFIELD	12	4.51	68.2	42	1.3	90	60	.	2.0	.	.	.	.	.	.	105
11 ARION	14	4.17	63.6	36	0.5	76	60	.	2.8	.	.	.	.	.	.	107
12 HOFFMAN	1	5.92	69.9	50	2.5	102	60	.	4.5	.	.	.	.	.	.	107
13 B89:5:52:1059	9	4.57	66.4	45	1.8	96	56	.	3.3	.	.	.	.	.	.	103
14 B89:12:51:1248	2	4.74	69.3	43	0.8	90	56	.	3.8	.	.	.	.	.	.	104
LOCATIONS		10	10	10	4	10	6	0	1	0	0	0	0	0	0	6

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 QUANTUM	2	4.47	74.4	43	0.7	86	54	0.3	3.9	6.0	0.5	13.1	.	1.4	.	102
2 AC BRIO	4	4.33	73.3	41	1.5	97	56	5.9	4.3	6.3	1.0	16.3	.	0.5	.	103
3 B89:6:28:883	5	4.27	75.8	40	1.4	94	54	1.4	1.3	5.4	2.0	12.2	.	1.4	.	102
4 WENDELL	9	4.15	71.6	33	1.3	83	58	3.5	1.6	4.8	0.5	12.7	.	0.7	.	104
5 SS FUNDY	11	4.02	70.8	33	1.1	93	59	1.1	6.6	5.9	0.5	19.7	.	0.2	.	104
6 TORKA	13	3.91	68.7	34	1.8	97	62	0.2	3.6	4.6	1.3	22.1	.	0.0	.	107
7 AC BARRIE	12	3.97	73.1	38	1.4	94	56	6.5	4.7	6.6	1.0	9.3	.	0.3	.	102
8 SUPERB	5	4.27	74.1	42	1.2	88	55	2.5	2.7	6.3	0.5	15.6	.	0.6	.	103
9 606	8	4.17	75.5	35	0.6	79	57	0.2	3.0	5.3	1.8	17.4	.	0.7	.	104
10 WINFIELD	10	4.11	73.6	36	1.7	92	59	2.2	1.7	5.2	0.5	24.1	.	0.2	.	104
11 ARION	14	3.86	71.4	31	0.6	77	59	0.4	1.7	5.1	1.0	9.5	.	0.5	.	105
12 HOFFMAN	1	5.22	74.1	45	2.6	103	58	0.6	1.9	4.9	1.5	14.3	.	0.4	.	106
13 B89:5:52:1059	7	4.21	72.6	41	3.1	97	55	1.8	2.4	5.6	1.3	14.5	.	0.2	.	101
14 B89:12:51:1248	3	4.38	75.3	38	1.7	93	55	0.8	1.8	5.9	1.0	10.0	.	0.1	.	103
LOCATIONS		29	29	27	13	29	22	5	5	5	1	5	0	1	0	7

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

TRAIT : YIELD

YEAR(S): 2003-2004

KEY NAME	AREA II ( 6)*	AREA III ( 6)	AREA V&VI( 7)+	PROV. (19)**
1 QUANTUM	3.60	4.24	4.89	4.28
2 AC BRIO	3.07	4.23	4.60	4.00
3 B89:6:28:883	3.33	3.89	4.90	4.09
4 WENDELL	2.96	3.57	4.56	3.74
5 SS FUNDY	2.72	3.12	4.69	3.57
6 TORKA	2.46	3.34	4.36	3.44
7 AC BARRIE	2.86	3.96	4.11	3.67
8 SUPERB	3.15	3.89	4.37	3.83
9 606	3.16	3.73	4.64	3.89
10 WINFIELD	3.05	3.63	4.41	3.73
11 ARION	3.02	3.09	3.93	3.38
12 HOFFMAN	3.75	4.59	6.02	4.85
13 B89:5:52:1059	3.30	3.67	4.62	3.90
14 B89:12:51:1248	3.61	3.83	4.94	4.17
15 SABLE	3.65	4.04	4.66	4.15
16 W98095	3.35	4.20	4.47	4.03
OVERALL MEAN	3.19	3.81	4.64	3.92

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II ( 6)*	AREA III ( 6)	AREA V&VI( 7)+	PROV. (19)**
1 QUANTUM	117.6	110.7	105.0	110.8
2 AC BRIO	94.2	111.7	99.4	101.7
3 B89:6:28:883	106.8	103.2	106.7	105.6
4 WENDELL	91.3	95.2	99.3	95.5
5 SS FUNDY	80.3	79.6	99.3	87.1
6 TORKA	72.1	86.7	94.2	84.9
7 AC BARRIE	88.1	103.9	87.4	92.8
8 SUPERB	99.8	101.0	94.1	98.1
9 606	102.3	97.7	100.6	100.2
10 WINFIELD	92.6	96.7	95.4	94.9
11 ARION	92.2	80.5	85.0	85.8
12 HOFFMAN	118.7	121.9	129.3	123.6
13 B89:5:52:1059	105.5	95.6	99.5	100.2
14 B89:12:51:1248	114.7	100.1	107.2	107.3
15 SABLE	117.4	105.9	100.9	107.7
16 W98095	106.5	109.8	96.5	103.9
OVERALL MEAN	3.19	3.81	4.64	3.92

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

YEAR(S): 2003-2004

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 QUANTUM	4	3.60	78.2	38	0.0	96	57	0.4	3.3	6.2	0.5	13.1	.	1.4	.	
2 AC BRIO	10	3.07	76.6	37	0.5	105	57	5.6	3.8	6.7	1.0	16.3	.	0.5	.	
3 B89:6:28:883	6	3.33	79.3	36	1.4	101	57	1.8	0.6	5.6	2.0	12.2	.	1.4	.	
4 WENDELL	13	2.96	73.3	28	1.0	90	60	3.6	1.6	5.1	0.5	12.7	.	0.7	.	
5 SS FUNDY	15	2.72	71.5	25	0.8	101	60	1.3	7.0	6.2	0.5	19.7	.	0.2	.	
6 TORKA	16	2.46	65.6	25	1.6	103	65	0.3	3.2	4.6	1.3	22.1	.	0.0	.	
7 AC BARRIE	14	2.86	77.2	33	0.8	103	58	6.2	3.8	6.9	1.0	9.3	.	0.3	.	
8 SUPERB	9	3.15	77.5	39	0.6	95	57	2.8	2.8	6.8	0.5	15.6	.	0.6	.	
9 606	8	3.16	79.0	29	0.0	88	60	0.2	1.6	5.7	1.8	17.4	.	0.7	.	
10 WINFIELD	11	3.05	75.6	29	2.5	98	60	2.6	1.6	5.5	0.5	24.1	.	0.2	.	
11 ARION	12	3.02	74.1	25	0.0	85	60	0.4	1.9	5.4	1.0	9.5	.	0.5	.	
12 HOFFMAN	1	3.75	75.0	39	2.7	111	60	0.7	1.0	5.1	1.5	14.3	.	0.4	.	
13 B89:5:52:1059	7	3.30	75.8	38	4.0	105	58	2.2	1.5	6.0	1.3	14.5	.	0.2	.	
14 B89:12:51:1248	3	3.61	78.8	34	1.2	101	57	1.0	1.0	6.1	1.0	10.0	.	0.1	.	
15 SABLE	2	3.65	77.5	34	0.2	91	58	0.0	1.5	5.0	0.5	18.2	.	0.2	.	
16 W98095	5	3.35	75.9	39	0.5	94	55	4.2	2.5	7.1	1.3	14.6	.	0.7	.	
LOCATIONS		6	6	5	2	6	6	4	2	4	1	5	0	1	0	0

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 QUANTUM	2	4.24	77.6	41	1.4	84	51	.	.	.	.	.	.	.	.
2 AC BRIO	3	4.23	77.1	40	2.4	96	52	.	.	.	.	.	.	.	.
3 B89:6:28:883	7	3.89	79.4	37	2.2	92	51	.	.	.	.	.	.	.	.
4 WENDELL	13	3.57	75.8	31	1.2	80	54	.	.	.	.	.	.	.	.
5 SS FUNDY	15	3.12	74.3	31	2.2	91	55	.	.	.	.	.	.	.	.
6 TORKA	14	3.34	74.2	34	1.8	95	57	.	.	.	.	.	.	.	.
7 AC BARRIE	6	3.96	77.3	37	2.0	92	52	.	.	.	.	.	.	.	.
8 SUPERB	7	3.89	77.2	39	2.0	86	52	.	.	.	.	.	.	.	.
9 606	10	3.73	79.9	32	1.0	78	53	.	.	.	.	.	.	.	.
10 WINFIELD	12	3.63	76.6	32	3.0	86	55	.	.	.	.	.	.	.	.
11 ARION	16	3.09	75.7	28	1.0	74	55	.	.	.	.	.	.	.	.
12 HOFFMAN	1	4.59	77.4	44	2.9	98	54	.	.	.	.	.	.	.	.
13 B89:5:52:1059	11	3.67	76.1	39	4.6	93	51	.	.	.	.	.	.	.	.
14 B89:12:51:1248	9	3.83	78.8	35	2.5	89	51	.	.	.	.	.	.	.	.
15 SABLE	5	4.04	78.4	36	1.0	78	51	.	.	.	.	.	.	.	.
16 W98095	4	4.20	77.1	41	1.2	83	50	.	.	.	.	.	.	.	.
LOCATIONS		6	6	6	2	6	4	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 2004

YEAR(S): 2003-2004

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 QUANTUM	4	4.89	64.4	49	0.3	86	56	.	7.0	.	.	.	.	.	.	108
2 AC BRIO	9	4.60	63.0	48	1.0	101	58	.	6.5	.	.	.	.	.	.	107
3 B89:6:28:883	3	4.90	65.3	47	0.7	97	56	.	2.0	.	.	.	.	.	.	107
4 WENDELL	10	4.56	60.3	40	1.0	85	60	.	2.3	.	.	.	.	.	.	108
5 SS FUNDY	5	4.69	60.9	41	0.7	95	61	.	8.5	.	.	.	.	.	.	109
6 TORKA	14	4.36	60.1	40	1.3	96	63	.	6.0	.	.	.	.	.	.	111
7 AC BARRIE	15	4.11	61.9	45	1.0	96	58	.	7.8	.	.	.	.	.	.	106
8 SUPERB	13	4.37	63.8	46	1.3	88	57	.	4.8	.	.	.	.	.	.	107
9 606	7	4.64	62.1	42	0.3	80	59	.	7.5	.	.	.	.	.	.	110
10 WINFIELD	12	4.41	63.5	44	1.3	92	61	.	2.0	.	.	.	.	.	.	108
11 ARION	16	3.93	57.9	38	0.3	77	60	.	2.8	.	.	.	.	.	.	109
12 HOFFMAN	1	6.02	66.0	52	2.7	104	61	.	4.5	.	.	.	.	.	.	111
13 B89:5:52:1059	8	4.62	62.0	48	2.0	101	57	.	3.3	.	.	.	.	.	.	106
14 B89:12:51:1248	2	4.94	64.9	46	0.7	94	56	.	3.8	.	.	.	.	.	.	107
15 SABLE	6	4.66	63.0	43	0.3	81	58	.	4.5	.	.	.	.	.	.	109
16 W98095	11	4.47	63.3	48	0.3	89	57	.	5.3	.	.	.	.	.	.	107
LOCATIONS		7	7	7	3	7	5	0	1	0	0	0	0	0	0	4

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 QUANTUM	2	4.28	72.9	43	0.5	89	55	0.4	4.5	6.2	0.5	13.1	.	1.4	.	108
2 AC BRIO	7	4.00	71.7	42	1.3	101	56	5.6	4.7	6.7	1.0	16.3	.	0.5	.	107
3 B89:6:28:883	5	4.09	74.2	41	1.3	97	55	1.8	1.1	5.6	2.0	12.2	.	1.4	.	107
4 WENDELL	11	3.74	69.3	34	1.1	85	58	3.6	1.9	5.1	0.5	12.7	.	0.7	.	108
5 SS FUNDY	14	3.57	68.5	33	1.1	95	59	1.3	7.5	6.2	0.5	19.7	.	0.2	.	109
6 TORKA	15	3.44	66.3	34	1.5	98	62	0.3	4.1	4.6	1.3	22.1	.	0.0	.	111
7 AC BARRIE	13	3.67	71.6	39	1.2	97	56	6.2	5.2	6.9	1.0	9.3	.	0.3	.	106
8 SUPERB	10	3.83	72.4	42	1.3	89	56	2.8	3.5	6.8	0.5	15.6	.	0.6	.	107
9 606	9	3.89	73.1	35	0.4	82	58	0.2	3.6	5.7	1.8	17.4	.	0.7	.	110
10 WINFIELD	12	3.73	71.4	36	2.1	92	59	2.6	1.8	5.5	0.5	24.1	.	0.2	.	108
11 ARION	16	3.38	68.6	31	0.4	79	59	0.4	2.2	5.4	1.0	9.5	.	0.5	.	109
12 HOFFMAN	1	4.85	72.4	46	2.7	104	59	0.7	2.2	5.1	1.5	14.3	.	0.4	.	111
13 B89:5:52:1059	8	3.90	70.8	42	3.3	100	56	2.2	2.1	6.0	1.3	14.5	.	0.2	.	106
14 B89:12:51:1248	3	4.17	73.7	39	1.4	95	55	1.0	1.9	6.1	1.0	10.0	.	0.1	.	107
15 SABLE	4	4.15	72.5	38	0.5	83	56	0.0	2.5	5.0	0.5	18.2	.	0.2	.	109
16 W98095	6	4.03	71.6	43	0.6	89	54	4.2	3.4	7.1	1.3	14.6	.	0.7	.	107
LOCATIONS		19	19	18	7	19	15	4	3	4	1	5	0	1	0	4

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

TRAIT : YIELD

YEAR(S): 2004

KEY NAME	AREA II ( 3)*	AREA III ( 3)	AREA V&VI( 3)+	PROV. (9)**
1 QUANTUM	3.09	3.35	4.53	3.66
2 AC BRIO	2.67	3.68	4.41	3.59
3 B89:6:28:883	3.00	3.48	4.78	3.75
4 WENDELL	2.87	3.33	4.48	3.56
5 SS FUNDY	2.19	2.31	4.04	2.85
6 TORKA	2.13	2.69	3.88	2.90
7 AC BARRIE	2.48	3.25	3.71	3.14
8 SUPERB	2.63	3.09	3.90	3.21
9 606	2.87	2.98	4.25	3.36
10 WINFIELD	2.88	3.39	4.15	3.47
11 ARION	2.73	2.64	3.58	2.98
12 HOFFMAN	3.56	4.06	5.19	4.27
13 B89:5:52:1059	3.01	2.98	4.08	3.36
14 B89:12:51:1248	3.23	3.06	4.40	3.56
15 SABLE	3.26	3.40	4.61	3.75
16 W98095	2.66	3.47	4.09	3.41
17 BROOKFIELD	2.95	3.21	4.43	3.53
18 AW488	3.12	3.13	3.61	3.29
19 CRGB-0-623.4	2.32	2.81	3.58	2.91
OVERALL MEAN	2.82	3.17	4.19	3.40

## MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA II ( 3)*	AREA III ( 3)	AREA V&VI( 3)+	PROV. (9)**
1 QUANTUM	121.1	106.7	106.5	111.5
2 AC BRIO	92.2	117.4	105.4	105.0
3 B89:6:28:883	112.2	110.6	115.8	112.8
4 WENDELL	98.4	105.0	107.5	103.6
5 SS FUNDY	68.7	71.6	93.9	78.1
6 TORKA	66.1	83.7	92.8	80.9
7 AC BARRIE	85.5	103.1	86.8	91.8
8 SUPERB	97.6	96.3	93.4	95.8
9 606	109.3	94.5	101.5	101.7
10 WINFIELD	95.0	106.6	100.9	100.8
11 ARION	91.7	82.3	85.3	86.4
12 HOFFMAN	127.6	128.9	122.0	126.2
13 B89:5:52:1059	111.8	94.2	98.7	101.5
14 B89:12:51:1248	118.8	97.0	107.1	107.6
15 SABLE	123.1	107.2	110.0	113.4
16 W98095	100.9	109.6	98.1	102.9
17 BROOKFIELD	100.7	99.6	104.5	101.6
18 AW488	103.5	97.5	85.7	95.6
19 CRGB-0-623.4	76.0	88.4	84.1	82.8
OVERALL MEAN	2.82	3.17	4.19	3.40

\* # OF LOCATIONS

\*\* AVERAGE ACROSS LOCATIONS



## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

YEAR : 2004

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 QUANTUM	5	3.09	77.9	38	0.0	99	54	0.6	3.3	5.8	9.6	.	.	.	.
2 AC BRIO	13	2.67	77.8	38	1.0	109	54	5.8	1.0	6.4	12.6	.	.	.	.
3 B89:6:28:883	7	3.00	78.7	36	2.5	106	55	2.8	0.3	5.2	10.1	.	.	.	.
4 WENDELL	10	2.87	75.4	29	2.0	92	58	3.8	1.3	5.0	6.4	.	.	.	.
5 SS FUNDY	18	2.19	71.9	26	1.0	104	58	2.0	6.3	6.6	8.7	.	.	.	.
6 TORKA	19	2.13	65.9	23	1.0	105	63	0.2	2.3	4.2	6.0	.	.	.	.
7 AC BARRIE	16	2.48	77.3	34	1.5	108	56	5.9	1.7	7.1	9.4	.	.	.	.
8 SUPERB	15	2.63	77.3	40	1.0	97	54	3.6	1.7	7.3	13.8	.	.	.	.
9 606	10	2.87	79.8	29	0.0	91	58	0.0	1.3	5.7	9.8	.	.	.	.
10 WINFIELD	9	2.88	75.9	29	3.5	96	58	4.1	1.0	5.0	8.4	.	.	.	.
11 ARION	12	2.73	75.7	26	0.0	85	58	0.2	1.7	6.0	3.7	.	.	.	.
12 HOFFMAN	1	3.56	76.8	39	2.5	119	57	1.1	1.0	4.8	5.8	.	.	.	.
13 B89:5:52:1059	6	3.01	77.0	40	5.0	112	56	2.5	1.3	5.8	9.3	.	.	.	.
14 B89:12:51:1248	3	3.23	78.2	34	2.0	106	54	1.0	1.0	6.0	5.5	.	.	.	.
15 SABLE	2	3.26	78.0	36	0.5	96	55	0.0	1.0	5.2	14.8	.	.	.	.
16 W98095	14	2.66	73.7	38	1.0	96	52	4.3	1.0	7.1	13.1	.	.	.	.
17 BROOKFIELD	8	2.95	74.9	28	4.0	119	57	0.2	3.3	6.0	9.0	.	.	.	.
18 AW488	4	3.12	75.0	31	4.0	125	58	0.3	2.0	5.6	4.5	.	.	.	.
19 CRGB-0-623.4	17	2.32	75.7	32	6.0	116	57	5.8	4.7	7.2	4.0	.	.	.	.
LOCATIONS	3	3	3	1	3	3	2	1	2	0	3	0	0	0	0

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 QUANTUM	7	3.35	77.0	38	1.8	84	52	.	.	.	.	.	.	.	.
2 AC BRIO	2	3.68	76.7	39	2.3	97	53	.	.	.	.	.	.	.	.
3 B89:6:28:883	3	3.48	79.1	35	2.3	91	52	.	.	.	.	.	.	.	.
4 WENDELL	8	3.33	76.4	31	1.5	80	56	.	.	.	.	.	.	.	.
5 SS FUNDY	19	2.31	73.9	29	3.0	93	56	.	.	.	.	.	.	.	.
6 TORKA	17	2.69	73.6	33	2.0	94	58	.	.	.	.	.	.	.	.
7 AC BARRIE	9	3.25	77.1	36	2.5	91	53	.	.	.	.	.	.	.	.
8 SUPERB	12	3.09	76.9	36	2.5	84	54	.	.	.	.	.	.	.	.
9 606	14	2.98	79.8	31	1.0	77	55	.	.	.	.	.	.	.	.
10 WINFIELD	6	3.39	76.4	31	3.0	79	56	.	.	.	.	.	.	.	.
11 ARION	18	2.64	75.3	28	1.0	73	56	.	.	.	.	.	.	.	.
12 HOFFMAN	1	4.06	77.2	44	2.0	100	55	.	.	.	.	.	.	.	.
13 B89:5:52:1059	14	2.98	75.5	38	4.8	93	52	.	.	.	.	.	.	.	.
14 B89:12:51:1248	13	3.06	78.2	33	2.3	87	52	.	.	.	.	.	.	.	.
15 SABLE	5	3.40	78.2	35	1.0	78	52	.	.	.	.	.	.	.	.
16 W98095	4	3.47	76.7	40	1.5	82	53	.	.	.	.	.	.	.	.
17 BROOKFIELD	10	3.21	75.5	31	2.8	97	55	.	.	.	.	.	.	.	.
18 AW488	11	3.13	75.0	32	5.0	101	55	.	.	.	.	.	.	.	.
19 CRGB-0-623.4	16	2.81	77.2	34	5.5	95	54	.	.	.	.	.	.	.	.
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 2004

YEAR : 2004

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 QUANTUM	4	4.53	50.5	65	0.5	86	61	7.0	.	.	.	.	.	.	.	117
2 AC BRIO	7	4.41	49.6	62	0.5	99	63	6.5	.	.	.	.	.	.	.	117
3 B89:6:28:883	2	4.78	49.8	63	0.5	94	61	2.0	.	.	.	.	.	.	.	115
4 WENDELL	5	4.48	46.9	54	0.5	79	66	2.3	.	.	.	.	.	.	.	118
5 SS FUNDY	13	4.04	47.8	56	0.5	90	65	8.5	.	.	.	.	.	.	.	118
6 TORKA	15	3.88	45.4	53	0.5	86	69	6.0	.	.	.	.	.	.	.	121
7 AC BARRIE	16	3.71	48.4	60	0.5	94	63	7.8	.	.	.	.	.	.	.	116
8 SUPERB	14	3.90	49.7	60	0.5	84	63	4.8	.	.	.	.	.	.	.	117
9 606	9	4.25	47.6	61	0.5	77	64	7.5	.	.	.	.	.	.	.	121
10 WINFIELD	10	4.15	47.1	57	0.5	80	66	2.0	.	.	.	.	.	.	.	118
11 ARION	18	3.58	44.0	54	0.5	74	65	2.8	.	.	.	.	.	.	.	119
12 HOFFMAN	1	5.19	55.9	63	1.5	97	66	4.5	.	.	.	.	.	.	.	121
13 B89:5:52:1059	12	4.08	46.8	62	2.0	98	63	3.3	.	.	.	.	.	.	.	114
14 B89:12:51:1248	8	4.40	49.6	61	0.5	92	62	3.8	.	.	.	.	.	.	.	116
15 SABLE	3	4.61	50.5	60	0.5	80	65	4.5	.	.	.	.	.	.	.	120
16 W98095	11	4.09	49.8	62	0.5	87	64	5.3	.	.	.	.	.	.	.	117
17 BROOKFIELD	6	4.43	46.8	58	0.5	99	66	7.3	.	.	.	.	.	.	.	119
18 AW488	17	3.61	46.7	58	1.5	100	65	7.5	.	.	.	.	.	.	.	117
19 CRGB-0-623.4	18	3.58	48.9	57	4.5	97	65	7.3	.	.	.	.	.	.	.	116
LOCATIONS		3	3	3	2	3	2	0	1	0	0	0	0	0	0	2

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 QUANTUM	4	3.66	68.4	47	0.7	90	55	0.6	5.2	5.8	.	9.6	.	.	.	117
2 AC BRIO	5	3.59	68.0	46	1.1	102	56	5.8	3.8	6.4	.	12.6	.	.	.	117
3 B89:6:28:883	2	3.75	69.2	45	1.5	97	56	2.8	1.1	5.2	.	10.1	.	.	.	115
4 WENDELL	6	3.56	66.3	38	1.1	84	59	3.8	1.8	5.0	.	6.4	.	.	.	118
5 SS FUNDY	19	2.85	64.5	37	1.2	95	59	2.0	7.4	6.6	.	8.7	.	.	.	118
6 TORKA	18	2.90	61.6	36	1.0	95	63	0.2	4.2	4.2	.	6.0	.	.	.	121
7 AC BARRIE	15	3.14	67.6	43	1.2	98	57	5.9	4.8	7.1	.	9.4	.	.	.	116
8 SUPERB	14	3.21	68.0	45	1.1	89	56	3.6	3.2	7.3	.	13.8	.	.	.	117
9 606	11	3.36	69.1	40	0.5	82	58	0.0	4.4	5.7	.	9.8	.	.	.	121
10 WINFIELD	9	3.47	66.5	39	1.9	85	59	4.1	1.5	5.0	.	8.4	.	.	.	118
11 ARION	16	2.98	65.0	36	0.5	77	59	0.2	2.2	6.0	.	3.7	.	.	.	119
12 HOFFMAN	1	4.27	70.0	49	1.9	106	59	1.1	2.8	4.8	.	5.8	.	.	.	121
13 B89:5:52:1059	11	3.36	66.4	46	3.5	101	57	2.5	2.3	5.8	.	9.3	.	.	.	114
14 B89:12:51:1248	6	3.56	68.7	43	1.3	95	56	1.0	2.4	6.0	.	5.5	.	.	.	116
15 SABLE	2	3.75	68.9	44	0.6	85	57	0.0	2.8	5.2	.	14.8	.	.	.	120
16 W98095	10	3.41	66.7	46	0.9	88	56	4.3	3.2	7.1	.	13.1	.	.	.	117
17 BROOKFIELD	8	3.53	65.7	39	2.0	105	59	0.2	5.3	6.0	.	9.0	.	.	.	119
18 AW488	13	3.29	65.6	40	3.0	108	59	0.3	4.8	5.6	.	4.5	.	.	.	117
19 CRGB-0-623.4	17	2.91	67.3	41	5.1	103	58	5.8	6.0	7.2	.	4.0	.	.	.	116
LOCATIONS		9	9	9	4	9	7	2	2	2	0	3	0	0	0	2

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL; SPRING WHEAT 2004

## TRIAL STATISTICS (GRAIN YIELD)

AREA	LOCATION	MEAN (g m <sup>-2</sup> )	REPS	ERROR SS	ERROR DF	ERROR MS	C.V.%
II	MONKTON	138	4	9666	54	179	9.7
II	ELORA	355	4	22896	54	424	5.8
II	PALMERSTON	354	4	25164	54	466	6.1
III	WINCHESTER	303	4	93042	54	1723	13.7
III	OTTAWA	271	4	21114	54	391	7.3
III	+ST. ISIDORE	367	4	22788	54	422	5.6
V	NEW LISKEARD	475	4	112266	54	2079	9.6
V	+EMO	480	4	158867	54	2942	11.3
V	+VERNER	303	4	72576	54	1344	12.1
V	!THUNDER BAY	702	4	66611	33	2019	6.4

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

+Unofficial site; data used in summaries.

!Unofficial site; data not used in summaries.

## ONTARIO PERFORMANCE TRIAL 2004; SPRING WHEAT

LOCATION - MONKTON

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 QUANTUM	1 2.30	76.0	35	.0	105	49	.	.	6.0	.	9.2	.	.	.	.
2 AC BRIO	12 1.14	72.8	31	1.0	109	51	.	.	7.8	.	12.2	.	.	.	.
3 B89:6:28:883	5 1.87	77.8	35	2.5	110	51	.	.	4.3	.	6.7	.	.	.	.
4 WENDELL	10 1.19	72.6	29	2.0	97	55	.	.	4.3	.	8.3	.	.	.	.
5 SS FUNDY	18 .47	69.9	21	1.0	105	54	.	.	7.8	.	9.7	.	.	.	.
6 TORKA	19 .41	60.7	20	1.0	112	59	.	.	3.5	.	3.6	.	.	.	.
7 AC BARRIE	13 1.06	74.3	29	1.5	111	53	.	.	7.5	.	10.0	.	.	.	.
8 SUPERB	9 1.59	76.4	36	1.0	105	49	.	.	7.0	.	10.0	.	.	.	.
9 606	3 1.93	79.6	27	.0	98	54	.	.	5.3	.	9.4	.	.	.	.
10 WINFIELD	16 .94	72.7	29	3.5	101	55	.	.	4.0	.	8.3	.	.	.	.
11 ARION	15 .99	72.6	23	.0	95	55	.	.	5.0	.	1.7	.	.	.	.
12 HOFFMAN	6 1.84	75.1	39	2.5	121	55	.	.	4.8	.	4.7	.	.	.	.
13 B89:5:52:1059	7 1.82	74.4	37	5.0	115	51	.	.	5.5	.	10.5	.	.	.	.
14 B89:12:51:1248	4 1.88	75.0	30	2.0	112	51	.	.	6.0	.	5.6	.	.	.	.
15 SABLE	2 2.12	76.6	35	.5	102	51	.	.	5.5	.	11.4	.	.	.	.
16 W98095	8 1.75	71.9	33	1.0	104	49	.	.	6.8	.	13.3	.	.	.	.
17 BROOKFIELD	11 1.18	70.9	23	4.0	122	55	.	.	7.0	.	11.1	.	.	.	.
18 AW488	13 1.06	71.4	30	4.0	127	55	.	.	5.8	.	3.6	.	.	.	.
19 CRGB-0-623.4	17 .71	72.1	31	6.0	118	54	.	.	7.3	.	2.8	.	.	.	.
MEANS	1.38	73.3	30	2.0	109	53	.	.	5.9	.	8.0	.	.	.	.

LOCATION - ELORA

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 QUANTUM	10 3.67	85.6	41	.	84	50	1.3	.	.	.	11.3	.	.	.	.
2 AC BRIO	16 3.23	85.0	40	.	96	53	6.8	.	.	.	11.3	.	.	.	.
3 B89:6:28:883	10 3.67	85.6	36	.	91	51	3.3	.	.	.	10.0	.	.	.	.
4 WENDELL	4 3.98	82.5	31	.	84	55	3.8	.	.	.	7.5	.	.	.	.
5 SS FUNDY	18 2.67	75.6	24	.	93	56	2.8	.	.	.	14.4	.	.	.	.
6 TORKA	19 2.49	67.4	23	.	86	59	.3	.	.	.	13.1	.	.	.	.
7 AC BARRIE	17 2.92	83.7	34	.	94	52	6.8	.	.	.	11.9	.	.	.	.
8 SUPERB	13 3.46	85.0	43	.	84	52	4.5	.	.	.	11.3	.	.	.	.
9 606	8 3.70	86.2	30	.	76	54	.0	.	.	.	13.8	.	.	.	.
10 WINFIELD	2 4.06	83.1	30	.	83	54	4.5	.	.	.	8.8	.	.	.	.
11 ARION	6 3.86	82.5	28	.	75	56	.5	.	.	.	8.1	.	.	.	.
12 HOFFMAN	5 3.91	81.1	38	.	103	55	1.3	.	.	.	8.8	.	.	.	.
13 B89:5:52:1059	12 3.53	84.4	41	.	98	52	3.0	.	.	.	11.3	.	.	.	.
14 B89:12:51:1248	7 3.77	85.0	34	.	94	51	1.0	.	.	.	8.8	.	.	.	.
15 SABLE	1 4.25	85.0	36	.	81	52	.0	.	.	.	11.9	.	.	.	.
16 W98095	15 3.27	83.7	44	.	84	50	5.0	.	.	.	11.9	.	.	.	.
17 BROOKFIELD	9 3.68	82.5	29	.	105	54	.5	.	.	.	12.5	.	.	.	.
18 AW488	2 4.06	81.1	29	.	109	56	.3	.	.	.	8.8	.	.	.	.
19 CRGB-0-623.4	14 3.34	83.7	32	.	104	54	5.5	.	.	.	7.5	.	.	.	.
MEANS	3.55	82.6	34	.	91	53	2.7	.	.	.	10.7	.	.	.	.

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL 2004; SPRING WHEAT

## LOCATION - PALMERSTON

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 QUANTUM	15	3.31	72.0	38	.	107	63	.0	3.3	5.7	.	8.2	.	.	.	.
2 AC BRIO	6	3.65	75.7	42	.	123	59	4.7	1.0	5.0	.	14.2	.	.	.	.
3 B89:6:28:883	9	3.46	72.6	37	.	116	63	2.3	.3	6.0	.	13.7	.	.	.	.
4 WENDELL	11	3.43	71.2	27	.	96	63	3.7	1.3	5.7	.	3.3	.	.	.	.
5 SS FUNDY	11	3.43	70.2	32	.	113	63	1.3	6.3	5.3	.	2.1	.	.	.	.
6 TORKA	8	3.49	69.7	27	.	117	70	.0	2.3	5.0	.	1.2	.	.	.	.
7 AC BARRIE	10	3.45	74.0	38	.	120	63	5.0	1.7	6.7	.	6.2	.	.	.	.
8 SUPERB	19	2.84	70.6	40	.	103	61	2.7	1.7	7.7	.	20.1	.	.	.	.
9 606	16	2.97	73.7	31	.	100	65	.0	1.3	6.0	.	6.2	.	.	.	.
10 WINFIELD	7	3.63	71.9	29	.	103	64	3.7	1.0	6.0	.	8.2	.	.	.	.
11 ARION	14	3.35	72.0	27	.	85	63	.0	1.7	7.0	.	1.2	.	.	.	.
12 HOFFMAN	1	4.94	74.3	40	.	134	61	1.0	1.0	4.7	.	3.8	.	.	.	.
13 B89:5:52:1059	5	3.69	72.1	41	.	124	64	2.0	1.3	6.0	.	6.2	.	.	.	.
14 B89:12:51:1248	3	4.04	74.6	38	.	113	60	1.0	1.0	6.0	.	2.1	.	.	.	.
15 SABLE	13	3.40	72.3	37	.	104	62	.0	1.0	5.0	.	21.1	.	.	.	.
16 W98095	16	2.97	65.6	36	.	101	58	3.7	1.0	7.3	.	14.0	.	.	.	.
17 BROOKFIELD	4	4.00	71.2	33	.	130	63	.0	3.3	5.0	.	3.3	.	.	.	.
18 AW488	2	4.23	72.5	34	.	138	64	.3	2.0	5.3	.	1.2	.	.	.	.
19 CRGB-0-623.4	18	2.92	71.3	33	.	127	63	6.0	4.7	7.0	.	1.6	.	.	.	.
MEANS		3.54	72.0	35	.	113	63	2.0	2.0	5.9	.	7.3	.	.	.	.

## LOCATION - WINCHESTER

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 QUANTUM	5	3.50	77.8	36	1.8	86	47	.	.	.	.	.	.	.	.	.
2 AC BRIO	2	3.80	77.3	38	2.3	96	49	.	.	.	.	.	.	.	.	.
3 B89:6:28:883	2	3.80	79.2	33	2.3	93	48	.	.	.	.	.	.	.	.	.
4 WENDELL	12	2.80	75.7	28	1.5	79	52	.	.	.	.	.	.	.	.	.
5 SS FUNDY	19	1.90	72.3	25	3.0	94	52	.	.	.	.	.	.	.	.	.
6 TORKA	17	2.40	73.1	31	2.0	93	55	.	.	.	.	.	.	.	.	.
7 AC BARRIE	8	3.10	77.7	34	2.5	93	49	.	.	.	.	.	.	.	.	.
8 SUPERB	11	3.00	77.5	35	2.5	87	49	.	.	.	.	.	.	.	.	.
9 606	15	2.60	80.1	29	1.0	76	51	.	.	.	.	.	.	.	.	.
10 WINFIELD	14	2.70	74.5	27	3.0	81	52	.	.	.	.	.	.	.	.	.
11 ARION	18	2.00	72.9	22	1.0	73	53	.	.	.	.	.	.	.	.	.
12 HOFFMAN	1	4.20	76.7	40	2.0	101	51	.	.	.	.	.	.	.	.	.
13 B89:5:52:1059	8	3.10	75.9	37	4.8	98	48	.	.	.	.	.	.	.	.	.
14 B89:12:51:1248	8	3.10	78.0	31	2.3	88	47	.	.	.	.	.	.	.	.	.
15 SABLE	7	3.20	78.4	32	1.0	78	47	.	.	.	.	.	.	.	.	.
16 W98095	4	3.60	77.4	38	1.5	85	48	.	.	.	.	.	.	.	.	.
17 BROOKFIELD	6	3.30	75.0	28	2.8	102	51	.	.	.	.	.	.	.	.	.
18 AW488	12	2.80	74.4	30	5.0	103	51	.	.	.	.	.	.	.	.	.
19 CRGB-0-623.4	15	2.60	76.4	32	5.5	96	51	.	.	.	.	.	.	.	.	.
MEANS		3.03	76.3	32	2.5	90	50	.	.	.	.	.	.	.	.	.

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL 2004; SPRING WHEAT

LOCATION - OTTAWA-1

KEY NAME	YIELD		TSTW		KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG													
1 QUANTUM	5	3.07	76.7	38	.	83	57	.	.	.	.	.	.	.	.	.	.
2 AC BRIO	2	3.41	76.7	40	.	95	57	.	.	.	.	.	.	.	.	.	.
3 B89:6:28:883	7	3.01	79.2	35	.	89	56	.	.	.	.	.	.	.	.	.	.
4 WENDELL	4	3.15	76.1	31	.	79	59	.	.	.	.	.	.	.	.	.	.
5 SS FUNDY	19	1.80	73.9	28	.	93	59	.	.	.	.	.	.	.	.	.	.
6 TORKA	18	2.09	72.0	29	.	93	61	.	.	.	.	.	.	.	.	.	.
7 AC BARRIE	6	3.05	77.1	36	.	91	57	.	.	.	.	.	.	.	.	.	.
8 SUPERB	16	2.32	76.4	34	.	79	58	.	.	.	.	.	.	.	.	.	.
9 606	9	2.92	80.0	30	.	77	58	.	.	.	.	.	.	.	.	.	.
10 WINFIELD	3	3.25	76.6	32	.	76	59	.	.	.	.	.	.	.	.	.	.
11 ARION	15	2.37	76.5	31	.	73	59	.	.	.	.	.	.	.	.	.	.
12 HOFFMAN	1	3.59	78.1	44	.	97	59	.	.	.	.	.	.	.	.	.	.
13 B89:5:52:1059	12	2.47	75.9	37	.	92	56	.	.	.	.	.	.	.	.	.	.
14 B89:12:51:1248	11	2.71	78.4	33	.	88	57	.	.	.	.	.	.	.	.	.	.
15 SABLE	8	2.99	78.4	35	.	78	57	.	.	.	.	.	.	.	.	.	.
16 W98095	10	2.87	76.0	38	.	79	57	.	.	.	.	.	.	.	.	.	.
17 BROOKFIELD	17	2.15	74.9	29	.	87	59	.	.	.	.	.	.	.	.	.	.
18 AW488	13	2.46	74.3	30	.	95	59	.	.	.	.	.	.	.	.	.	.
19 CRGB-0-623.4	14	2.44	77.5	33	.	91	57	.	.	.	.	.	.	.	.	.	.
MEANS		2.74	76.6	34	.	86	58	.	.	.	.	.	.	.	.	.	.

LOCATION - ST-ISIDORE (UNOFFICIAL SITE)

KEY NAME	YIELD		TSTW		KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG													
1 QUANTUM	14	3.48	76.4	41	.	84	.	.	.	.	.	.	.	.	.	.	.
2 AC BRIO	9	3.84	76.1	39	.	100	.	.	.	.	.	.	.	.	.	.	.
3 B89:6:28:883	10	3.62	78.9	38	.	90	.	.	.	.	.	.	.	.	.	.	.
4 WENDELL	5	4.04	77.4	34	.	81	.	.	.	.	.	.	.	.	.	.	.
5 SS FUNDY	19	3.24	75.4	33	.	91	.	.	.	.	.	.	.	.	.	.	.
6 TORKA	11	3.59	75.6	38	.	96	.	.	.	.	.	.	.	.	.	.	.
7 AC BARRIE	11	3.59	76.5	38	.	89	.	.	.	.	.	.	.	.	.	.	.
8 SUPERB	7	3.95	76.8	40	.	86	.	.	.	.	.	.	.	.	.	.	.
9 606	15	3.42	79.4	33	.	77	.	.	.	.	.	.	.	.	.	.	.
10 WINFIELD	2	4.21	78.1	34	.	81	.	.	.	.	.	.	.	.	.	.	.
11 ARION	13	3.54	76.6	30	.	73	.	.	.	.	.	.	.	.	.	.	.
12 HOFFMAN	1	4.40	76.8	47	.	103	.	.	.	.	.	.	.	.	.	.	.
13 B89:5:52:1059	17	3.38	74.7	39	.	90	.	.	.	.	.	.	.	.	.	.	.
14 B89:12:51:1248	18	3.37	78.2	36	.	85	.	.	.	.	.	.	.	.	.	.	.
15 SABLE	6	4.01	77.8	38	.	79	.	.	.	.	.	.	.	.	.	.	.
16 W98095	7	3.95	76.7	43	.	83	.	.	.	.	.	.	.	.	.	.	.
17 BROOKFIELD	3	4.18	76.7	37	.	103	.	.	.	.	.	.	.	.	.	.	.
18 AW488	4	4.14	76.2	36	.	105	.	.	.	.	.	.	.	.	.	.	.
19 CRGB-0-623.4	16	3.39	77.6	37	.	98	.	.	.	.	.	.	.	.	.	.	.
MEANS		3.75	76.9	37	.	89	.	.	.	.	.	.	.	.	.	.	.

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL 2004; SPRING WHEAT

LOCATION - NEW LISKEARD

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 QUANTUM	12	4.70	40.1	76	1.0	90	59	.	.	.	.	.	.	.	.	116
2 AC BRIO	5	5.19	44.3	71	1.0	109	62	.	.	.	.	.	.	.	.	117
3 B89:6:28:883	6	4.94	38.4	76	1.0	100	59	.	.	.	.	.	.	.	.	112
4 WENDELL	3	5.32	38.5	62	1.0	82	66	.	.	.	.	.	.	.	.	120
5 SS FUNDY	8	4.91	36.7	65	1.0	97	66	.	.	.	.	.	.	.	.	120
6 TORKA	19	3.27	30.4	55	1.0	91	69	.	.	.	.	.	.	.	.	120
7 AC BARRIE	13	4.51	40.1	74	1.0	104	63	.	.	.	.	.	.	.	.	116
8 SUPERB	16	4.24	39.6	67	1.0	87	62	.	.	.	.	.	.	.	.	118
9 606	4	5.22	38.2	71	1.0	82	61	.	.	.	.	.	.	.	.	119
10 WINFIELD	7	4.93	36.2	67	1.0	86	65	.	.	.	.	.	.	.	.	119
11 ARION	18	3.63	33.5	64	1.0	79	64	.	.	.	.	.	.	.	.	120
12 HOFFMAN	1	6.60	54.4	66	1.0	107	64	.	.	.	.	.	.	.	.	120
13 B89:5:52:1059	11	4.71	28.6	75	1.0	105	59	.	.	.	.	.	.	.	.	112
14 B89:12:51:1248	10	4.82	39.6	74	1.0	100	61	.	.	.	.	.	.	.	.	113
15 SABLE	2	5.72	40.9	70	1.0	82	63	.	.	.	.	.	.	.	.	117
16 W98095	14	4.42	39.8	74	1.0	93	62	.	.	.	.	.	.	.	.	115
17 BROOKFIELD	9	4.88	35.8	69	1.0	105	65	.	.	.	.	.	.	.	.	119
18 AW488	17	3.80	37.3	70	1.0	110	64	.	.	.	.	.	.	.	.	117
19 CRGB-0-623.4	15	4.41	40.2	70	3.0	108	63	.	.	.	.	.	.	.	.	116
MEANS		4.75	38.6	69	1.1	96	63	.	.	.	.	.	.	.	.	117

LOCATION - VERNER (UNOFFICIAL SITE)

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 QUANTUM	14	2.90	34.0	75	.	75	.	.	7.0	.	.	.	.	.	.	.
2 AC BRIO	8	3.26	30.9	72	.	85	.	.	6.5	.	.	.	.	.	.	.
3 B89:6:28:883	1	3.93	33.7	77	.	82	.	.	2.0	.	.	.	.	.	.	.
4 WENDELL	4	3.41	27.5	71	.	61	.	.	2.3	.	.	.	.	.	.	.
5 SS FUNDY	17	2.30	33.2	74	.	77	.	.	8.5	.	.	.	.	.	.	.
6 TORKA	12	2.91	31.1	69	.	66	.	.	6.0	.	.	.	.	.	.	.
7 AC BARRIE	18	2.29	30.4	71	.	80	.	.	7.8	.	.	.	.	.	.	.
8 SUPERB	11	2.92	34.6	71	.	70	.	.	4.8	.	.	.	.	.	.	.
9 606	9	3.12	28.5	75	.	62	.	.	7.5	.	.	.	.	.	.	.
10 WINFIELD	3	3.50	30.3	75	.	61	.	.	2.0	.	.	.	.	.	.	.
11 ARION	15	2.60	26.3	69	.	57	.	.	2.8	.	.	.	.	.	.	.
12 HOFFMAN	6	3.32	38.4	75	.	76	.	.	4.5	.	.	.	.	.	.	.
13 B89:5:52:1059	7	3.31	36.9	70	.	84	.	.	3.3	.	.	.	.	.	.	.
14 B89:12:51:1248	2	3.71	33.2	76	.	79	.	.	3.8	.	.	.	.	.	.	.
15 SABLE	5	3.37	34.5	72	.	67	.	.	4.5	.	.	.	.	.	.	.
16 W98095	9	3.12	34.7	71	.	75	.	.	5.3	.	.	.	.	.	.	.
17 BROOKFIELD	12	2.91	28.4	70	.	81	.	.	7.3	.	.	.	.	.	.	.
18 AW488	16	2.51	26.7	70	.	74	.	.	7.5	.	.	.	.	.	.	.
19 CRGB-0-623.4	19	2.25	30.5	71	.	79	.	.	7.3	.	.	.	.	.	.	.
MEANS		3.03	31.8	72	.	73	.	.	5.3	.	.	.	.	.	.	.

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

## ONTARIO PERFORMANCE TRIAL 2004; SPRING WHEAT

## LOCATION - EMO (UNOFFICIAL SITE)

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 QUANTUM	1	6.00	77.3	45	.0	92	63	.	.	.	.	.	.	.	.	118
2 AC BRIO	7	4.77	73.6	42	.0	104	63	.	.	.	.	.	.	.	.	116
3 B89:6:28:883	4	5.46	77.3	36	.0	101	63	.	.	.	.	.	.	.	.	118
4 WENDELL	10	4.70	74.8	30	.0	95	66	.	.	.	.	.	.	.	.	116
5 SS FUNDY	6	4.92	73.6	29	.0	95	63	.	.	.	.	.	.	.	.	116
6 TORKA	5	5.45	74.8	36	.0	102	68	.	.	.	.	.	.	.	.	122
7 AC BARRIE	16	4.32	74.8	36	.0	99	63	.	.	.	.	.	.	.	.	116
8 SUPERB	12	4.55	74.8	42	.0	96	63	.	.	.	.	.	.	.	.	116
9 606	15	4.40	76.1	36	.0	87	66	.	.	.	.	.	.	.	.	122
10 WINFIELD	19	4.01	74.8	30	.0	94	66	.	.	.	.	.	.	.	.	116
11 ARION	14	4.50	72.3	29	.0	85	66	.	.	.	.	.	.	.	.	118
12 HOFFMAN	2	5.65	74.8	49	2.0	109	68	.	.	.	.	.	.	.	.	122
13 B89:5:52:1059	17	4.21	74.8	40	3.0	104	66	.	.	.	.	.	.	.	.	116
14 B89:12:51:1248	11	4.68	76.1	34	.0	98	63	.	.	.	.	.	.	.	.	118
15 SABLE	8	4.73	76.1	39	.0	92	66	.	.	.	.	.	.	.	.	122
16 W98095	9	4.72	74.8	40	.0	92	66	.	.	.	.	.	.	.	.	118
17 BROOKFIELD	3	5.51	76.1	34	.0	110	66	.	.	.	.	.	.	.	.	118
18 AW488	13	4.53	76.1	35	2.0	115	66	.	.	.	.	.	.	.	.	116
19 CRGB-0-623.4	18	4.09	76.1	31	6.0	103	66	.	.	.	.	.	.	.	.	116
MEANS		4.80	75.2	37	.7	99	65	.	.	.	.	.	.	.	.	118

LOCATION - THUNDER BAY (UNOFFICIAL SITE)  
DATA FOR INFORMATION ONLY; INCOMPLETE ENTRY LIST

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 QUANTUM	8	6.89	81.0	43	.0	94	66	.	.	.	.	.	.	.	.	119
3 B89:6:28:883	11	6.42	77.0	45	2.0	106	65	.	.	.	.	.	.	.	.	115
5 SS FUNDY	5	7.07	80.0	52	.0	104	69	.	.	.	.	.	.	.	.	119
6 TORKA	5	7.07	78.0	51	1.0	108	72	.	.	.	.	.	.	.	.	119
7 AC BARRIE	12	6.37	81.0	46	.0	106	66	.	.	.	.	.	.	.	.	119
8 SUPERB	3	7.34	79.0	47	1.0	99	65	.	.	.	.	.	.	.	.	119
12 HOFFMAN	2	7.94	81.0	56	5.0	118	69	.	.	.	.	.	.	.	.	119
13 B89:5:52:1059	7	6.90	79.0	49	4.0	116	67	.	.	.	.	.	.	.	.	117
14 B89:12:51:1248	4	7.33	81.0	51	2.0	104	65	.	.	.	.	.	.	.	.	115
15 SABLE	1	7.98	78.0	46	.0	89	68	.	.	.	.	.	.	.	.	119
16 W98095	9	6.49	81.0	47	2.0	100	65	.	.	.	.	.	.	.	.	119
AC TAHO	10	6.44	81.0	46	1.0	106	66	.	.	.	.	.	.	.	.	119
MEANS		7.02	80.0	48	1.0	104	67	.	.	.	.	.	.	.	.	118

\* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS



## Ontario Performance Trial 2004, Spring Wheat - Fusarium Inoculation Data

LOCATION TRAIT	PROV 4 YR FHBI MEAN	4 YR FHBI RANK	PROV. 3 YR FHBI RANK	3 YR FHBI RANK	PROV.2 YR FHBI MEAN	PROV.2 YR FHBI RANK	PROV.2004 FHBI MEAN	PROV.2004 FHBI RANK
QUANTUM	25	4	30	12	39	15	53	19
AC BRIO	20	2	25	10	34	13	43	16
B89:6:28:883	13	1	16	5	22	5	34	11
WENDELL	25	4	31	16	34	13	36	13
SS FUNDY	21	3	25	10	33	10	38	14
TORKA			12	1	17	1	22	2
AC BARRIE			14	4	20	4	29	5
SUPERB			22	8	27	8	34	11
606			23	9	33	10	45	17
WINFIELD			19	7	27	8	33	10
ARION			18	6	23	6	29	5
HOFFMAN			13	2	17	1	20	1
B89:5:52:1059			32	14	40	16	51	18
B89:12:51:1248			13	2	17	1	29	5
SABLE					26	7	29	5
W98095					33	10	42	15
BROOKFIELD							31	9
AW488							26	3
CRGB-0-623.4							26	3
no.of locs.	8	8	6	6	4	4	2	2

FHBI = Fusarium Head Blight Index = % spikes infected x % heads infected

## DESCRIPTION OF CULTIVARS IN PERFORMANCE TRIALS, 2004

### 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.
- 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.
- 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.
- 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.
- Creemore - a two-rowed barley tested as ACS50516, developed by Dr. Peter Franck from a complex cross; distributed by C & M Seeds. Registered in 2004
- AB241 - a two-rowed barley developed by AAFC - Charlottetown
- T367-032 - a two-rowed barley, developed by W.G. Thompson & Sons Ltd.
- CDC Copeland - a two-rowed barley developed by CDC Saskatoon and distributed by SeCan
- HB 348 - a two-rowed hullless 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 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.
- 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.
- 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.
- 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.
- 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.
- Paida - a six-rowed barley tested as CFO 141AA7 and 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.
- Perseis - a six-rowed barley tested as CFO 35AA1 and 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

- Celebrity - 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
- OAC Staffa - 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.
- Prosper - 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; will be distributed by Labonte Seeds. Supported for registration in 2001.
- OBS4898-15 - a six-rowed barley developed by AAFC-Ottawa. Supported for registration in 2001.
- Legacy - a six-rowed barley distributed by C & M Seeds
- ADB016028 - a six-rowed feed barley developed by OMAF/University of Guelph, will be distributed by Advantage Seed Growers and Processors
- ADB016043 - a six-rowed feed barley developed by OMAF/University of Guelph, will be distributed by Advantage Seed Growers and Processors
- Celinex - a six-rowed barley developed by Semico
- Altona - a six-rowed feed barley developed by Semences Prograine, will be distributed by Advantage Seed Growers and Processors
- OBS4872-27 - a six-rowed barley developed by AAFC-Ottawa.
- GB964006-1 - a six-rowed hullless barley developed by OMAF/University of Guelph

# ONTARIO PERFORMANCE TRIAL: BARLEY 2004

## LOCATIONS REPORTING YIELD DATA FOR YEARS 2000 to 2004

### AREA II & IV

2000: Winthrop, Elora, Palmerston  
2001: Centralia, Elora, Monkton  
2002: Centralia, Elora, Monkton, Palmerston  
2003: Centralia, Elora, Monkton, Palmerston  
2004: Centralia, Elora, Monkton, Palmerston

### AREA III:

2000: Ottawa  
2001: Ottawa, Winchester.  
2002: Ottawa, Winchester  
2003: Ottawa, Winchester  
2005: Ottawa, Winchester

### AREA V & VI:

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).  
2004: New Liskeard, Emo, Verner (unofficial site)

**BARLEY**  
Means of the Relative Yields across Areas\* for 2000-2004

	Area II & IV cumulative					Area III cumulative					Area V & VI cumulative				
	5 yr	4 yr	3 yr	2 yr	1 yr	5 yr	4 yr	3 yr	2 yr	1 yr	5 yr	4 yr	3 yr	2 yr	1 yr
	2000-04	2001-04	2002-04	2003-04	2004	2000-04	2001-04	2002-04	2003-04	2004	2000-04	2001-04	2002-04	2003-04	2004
1 AC Kings	95	97	98	101	98	89	95	97	96	103	98	97	95	94	93
2 AC Parkhill	99	98	96	96	99	96	97	94	96	96	99	101	100	99	97
3 Formosa	103	105	105	100	96										
4 Danuta	102	103	100	95	88	101	99	94	92	88			98	90	96
5 Sunderland	102	102	101	99	103				96	96	102	99	98	97	96
6 Chief			103	100	103			98	98	94			104	95	98
7 AC Metcalfe				92	92				85	89				91	94
8 CDC Stratus				94	96				84	80				91	92
9 CFO 303-019									106	105				102	101
10 T316-013				100	103				99	102				93	95
11 Newdale				100	101				87	79				89	78
12 Creemore (ACS50516)					101					92					92
13 AB241-1					102					90					96
14 T367-032					104					112					99
15 CDC Copeland					87					89					91
16 HB 348 <sup>1</sup>		92	91	95	94		86	83	84	88		88	84	85	85
17 AC Alma						104	105	106	108	108	103	100	100	103	93
18 Brucefield	104	103	103	102	101	107	105	107	111	110	109	107	106	105	110
19 Chapais	96	95	97	100	106	105	103	105	107	112	108	104	105	108	106
20 Grant	95	96	95	96	97	98	96	96	97	97					105
21 OAC Baxter	100	99	98	101	98	102	102	102	101	105	96	95	95	92	91
22 AC Vision	107	107	107	105	103	99	101	99	94	97	98	94	95	94	98
23 AC Klinck	99	101	101	103	105	102	101	102	101	103	103	103	104	102	102
24 Balance				95	96	107	107	108	109	109			110	111	108
25 Brooke											108	105	104	104	105
26 Sumosan							97	97	98	100			106	106	112
27 Celebrity			106	104	106			107	105	109			100	105	103
28 OAC Staffa			107	107	108			105	106	106			101	106	110
29 Prosper			107	104	101			106	105	106			100	102	97
30 Cyane (CFO142AA45)									115	114				118	128
31 AB183-5				92	93				115	112				113	119
32 ADB006055				109	101				101	107					95
33 CMB006047				116	116				105	109				109	105
34 GB006028				106	110				104	107				100	101
35 GB006076				116	117				110	104				108	112
36 OBS4898-15				102	99				111	106				101	102
37 B1602															95
38 Paida (CFO141AA7)									103	101				101	104
39 Perseis (CFO35AA1)									98	100				104	107
40 Nordbec (OBS4869-7)												92	94	96	93
41 Legacy				72						108					108
42 ADB016028					118										
43 ADB026043					105										
44 Celinex					84					96					
45 Altona					107					106					117
46 OBS4872-27															92
47 GB964006-1 <sup>1</sup>				90						67					81
Mean Yield t/ha	4.27	4.24	3.91	4.12	3.83	5.01	5.22	5.21	5.17	5.23	5.22	5.32	5.29	5.40	5.05
number of sites	15	12	9	6	3	9	8	6	4	2	14	12	9	6	3

\* See attached map  
<sup>1</sup> hullless barley

**BARLEY**  
Mean Yields across Areas\* for 2004

Cultivar	II & IV (4)**			III (2)			V & VI (3)			PROVINCE***(9)		
	t/ha	Relative	Rank	t/ha	Relative	Rank	t/ha	Relative	Rank	t/ha	Relative	Rank
1 AC Kings	3.80	98	23	5.38	103	21	4.68	93	34	4.52	98	22
2 AC Parkhill	3.87	99	20	5.04	96	29	4.92	97	24	4.50	98	23
3 Formosa	3.71	96	27									
4 Danuta	3.32	88	35	4.61	88	36	4.85	96	28	4.09	90	29
5 Sunderland	3.92	103	15	5.03	96	30	4.86	96	27	4.50	99	20
6 Chief	3.94	103	14	4.91	94	31	4.96	98	23	4.49	99	18
7 AC Metcalfe	3.60	92	31	4.66	89	34	4.76	94	31	4.21	92	27
8 CDC Stratus	3.74	96	25	4.17	80	38	4.67	92	35	4.09	90	30
9 CFO 303-019				5.51	105	17	5.09	101	20			
10 T316-013	3.96	103	13	5.31	102	22	4.77	95	30	4.59	101	16
11 Newdale	3.91	101	16	4.12	79	39	3.93	78	43	3.99	88	32
12 Creemore (ACS50516)	3.85	101	22	4.80	92	32	4.65	92	37	4.35	96	25
13 AB241-1	3.91	102	17	4.69	90	33	4.87	96	26	4.38	96	24
14 T367-032	3.98	104	8	5.88	112	2	4.98	99	21	4.84	106	9
15 CDC Copeland	3.38	87	33	4.66	89	35	4.60	91	40	4.08	89	31
16 HB 348 <sup>1</sup>	3.61	94	30	4.60	88	37	4.27	85	41	4.09	90	28
17 AC Alma				5.62	108	10	4.71	93	33			
18 Brucefield	3.87	101	21	5.77	110	5	5.58	110	6	4.88	106	8
19 Chapais	3.97	106	10	5.83	112	4	5.37	106	11	4.90	108	5
20 Grant	3.70	97	28	5.10	97	26	5.29	105	13	4.52	99	21
21 OAC Baxter	3.72	98	26	5.49	105	18	4.60	91	39	4.50	99	19
22 AC Vision	3.98	103	9	5.06	97	27	4.97	98	22	4.56	100	17
23 AC Klinck	3.96	105	12	5.39	103	20	5.12	102	17	4.69	103	11
24 Balance	3.70	96	29	5.69	109	7	5.47	108	8	4.76	103	12
25 Brooke							5.30	105	12			
26 Sumosan				5.24	100	25	5.64	112	5			
27 Celebrity	4.06	106	7	5.71	109	6	5.22	103	16	4.87	106	7
28 OAC Staffa	4.07	108	6	5.55	106	15	5.58	110	7	4.90	108	4
29 Prosper	3.90	101	18	5.56	106	13	4.92	97	25	4.68	102	13
30 Cyane (CFO142AA45)				5.98	114	1	6.47	128	1			
31 AB183-5	3.52	93	32	5.85	112	3	5.97	119	2	4.84	105	10
32 ADB006055	3.89	101	19	5.62	107	11	4.80	95	29	4.67	102	15
33 CMB006047	4.44	116	3	5.69	109	8	5.29	105	14	5.04	111	2
34 GB006028	4.22	110	4	5.60	107	12	5.11	101	18	4.88	107	6
35 GB006076	4.44	117	2	5.42	104	19	5.65	112	4	5.03	111	1
36 OBS4898-15	3.78	99	24	5.55	106	14	5.11	102	19	4.67	102	14
37 B1602							4.65	92	36			
38 Paida (CFO141AA7)				5.27	101	23	5.24	104	15			
39 Perseis (CFO35AA1)				5.25	100	24	5.39	107	10			
40 Nordbec (OBS4869-7)							4.72	93	32			
41 Legacy	2.79	72	37	5.65	108	9	5.44	108	9	4.33	92	26
42 ADB016028	4.44	118	1									
43 ADB026043	3.96	105	11									
44 Celinex	3.20	84	36	5.05	96	28						
45 Altona	4.09	107	5	5.53	106	16	5.91	117	3	4.97	109	3
46 OBS4872-27							4.63	92	38			
47 GB964006-1 <sup>1</sup>	3.34	90	34	3.49	67	40	4.09	81	42	3.56	80	33
Means	3.83			5.23			5.05			4.54		

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

BARLEY  
TESTING AREA II & IV  
YIELD DATA, 2004

	Yield										
	Centralia		Elora		Monkton		Harriston		Mean		rank of
	t/ha	relative	t/ha	relative	t/ha	relative	t/ha	relative	t/ha	relative	relative
1 AC Kings	3.77	98	2.44	96	3.32	92	5.65	107	3.80	98	25
2 AC Parkhill	4.21	110	1.97	77	3.97	110	5.34	101	3.87	99	22
3 Formosa	3.32	86	2.19	86	3.82	106	5.51	104	3.71	96	29
4 Danuta	3.61	94	2.17	85	3.45	96	4.06	77	3.32	88	34
5 Sunderland	4.04	105	2.62	102	3.72	103	5.29	100	3.92	103	15
6 Chlef	4.68	122	2.36	92	3.89	108	4.85	91	3.94	103	12
7 AC Metcalfe	4.00	104	1.85	73	3.40	94	5.14	97	3.60	92	32
8 CDC Stratus	4.35	113	1.96	77	3.45	96	5.20	98	3.74	96	28
9 CFO 303-019											
10 T316-013	4.29	112	2.40	94	3.87	107	5.29	100	3.96	103	13
11 Newdale	4.22	110	2.29	90	3.64	101	5.51	104	3.91	101	19
12 Creemore	3.15	82	2.92	114	3.63	101	5.72	108	3.85	101	18
13 AB241-1	4.37	114	2.25	88	3.90	108	5.11	96	3.91	102	16
14 T367-032	4.32	112	2.44	96	4.04	112	5.12	97	3.98	104	11
15 CDC Copeland	3.85	100	1.87	73	3.19	89	4.62	87	3.38	87	35
16 HB 348 <sup>1</sup>	4.02	105	2.13	83	3.49	97	4.81	91	3.61	94	30
17 AC Alma											
18 Brucefield	3.80	99	2.46	96	3.90	108	5.32	100	3.87	101	21
19 Chapais	4.03	105	3.14	123	3.50	97	5.20	98	3.97	106	8
20 Grant	3.57	93	2.30	90	3.94	109	5.00	94	3.70	97	26
21 OAC Baxter	3.60	94	2.85	112	3.37	93	5.04	95	3.72	98	24
22 AC Vision	3.66	95	2.47	97	3.88	108	5.90	111	3.98	103	14
23 AC Klinck	3.61	94	3.18	125	3.26	90	5.81	110	3.96	105	10
24 Balance	4.39	114	2.41	94	2.80	78	5.19	98	3.70	96	27
25 Brooke											
26 Sumosan											
27 Celebrity	3.81	99	2.80	110	3.88	108	5.73	108	4.06	106	7
28 OAC Staffa	4.03	105	3.15	123	3.64	101	5.47	103	4.07	108	5
29 Prosper	3.12	81	2.84	111	3.52	98	6.11	115	3.90	101	17
30 Cyane (CFO142AA45)											
31 AB183-5	3.66	95	2.37	93	3.64	101	4.43	84	3.52	93	31
32 ADB006055	3.75	98	2.57	101	3.58	99	5.65	107	3.89	101	20
33 CMB006047	4.45	116	3.01	118	4.22	117	6.07	115	4.44	116	3
34 GB006028	3.86	100	2.82	110	4.08	113	6.10	115	4.22	110	4
35 GB006076	4.25	111	3.20	125	4.27	118	6.03	114	4.44	117	2
36 OBS4898-15	3.03	79	2.82	110	3.65	101	5.62	106	3.78	99	23
37 B1602											
38 Paida (CFO141AA7)											
39 Perseis (CFO35AA1)											
40 Nordbec (OBS4869-7)											
41 Legacy	2.83	74	1.79	70	2.55	71	3.97	75	2.79	72	37
42 ADB016028	4.20	109	3.41	133	4.11	114	6.06	114	4.44	118	1
43 ADB026043	3.57	93	3.09	121	3.76	104	5.45	103	3.96	105	9
44 Celinex	3.45	90	2.27	89	2.53	70	4.54	86	3.20	84	36
45 Altone	4.14	108	2.75	108	3.73	103	5.73	108	4.09	107	6
46 OBS4872-27											
47 GB964006-1 <sup>1</sup>	3.15	82	2.96	116	2.79	77	4.45	84	3.34	90	33
Means	3.84		2.55		3.60		5.30		3.83		
CV	13.5		7.9		5.6		8.5				

<sup>1</sup> hullless barley



BARLEY  
TESTING AREA II & IV  
AGRONOMIC DATA, 2004

Cultivar	Yield rel (4)*	Test Wt kg/hl (4)	Kernel Wt g/1000 (4)	Height cm (3)	Lodging 0-9 (3)	Heading days (3)	Mildew 0-9 (3)	Leaf Rust 0-9 (1)	Scald 0-9 (1)	Spot Blotch 0-9 (1)	Fusarium 0-9 (1)
1 AC Kings	98	60.9	47.9	104.8	3.1	52.5	2.8	5	7	6	1
2 AC Parkhill	99	64.4	46.2	91.7	3.3	52.7	1.0	4	8	6	0
3 Formosa	96	60.1	43.3	91.3	2.9	51.7	0.0	2	5	7	1
4 Danuta	88	56.8	43.1	89.3	2.8	54.8	1.0	2	8	6	1
5 Sunderland	103	63.5	44.8	89.6	1.8	52.4	1.0	3	7	7	1
6 Chief	103	57.4	48.0	102.6	4.9	53.4	1.3	3	7	5	0
7 AC Metcalfe	92	59.7	41.7	96.0	3.4	53.2	0.7	3	3	5	0
8 CDC Stratus	96	59.1	41.7	86.8	3.6	53.9	5.2	2	4	6	0
9 CFO 303-019											
10 T316-013	103	62.5	43.1	89.3	2.0	52.3	0.0	3	7	5	1
11 Newdale	101	56.9	39.8	91.9	2.9	54.5	2.4	3	4	3	0
12 Creemore	101	58.3	46.4	84.7	0.7	53.9	0.2	0	6	5	0
13 AB241-1	102	62.4	45.5	99.8	4.8	52.2	1.0	2	2	6	0
14 T367-032	104	63.3	43.6	85.0	3.5	52.8	0.0	3	2	6	1
15 CDC Copeland	87	56.5	38.2	99.3	4.9	54.5	4.8	3	4	6	1
16 HB 348 <sup>1</sup>	94	68.1	38.6	86.1	2.2	51.2	1.5	2	1	6	1
17 AC Alma											
18 Brucefield	101	56.4	38.4	98.8	2.5	50.7	5.4	0	2	4	2
19 Chapais	106	55.6	42.8	93.4	3.8	49.2	5.4	1	5	7	2
20 Grant	97	56.5	37.9	107.8	5.1	50.9	5.3	2	2	4	2
21 OAC Baxter	98	57.5	40.9	107.2	2.8	50.1	4.2	3	4	5	1
22 AC Vision	103	55.3	38.7	87.8	4.1	50.6	0.0	3	1	5	1
23 AC Klinck	105	56.1	45.9	110.6	3.7	51.4	4.1	1	4	5	1
24 Balance	96	58.3	40.3	103.6	1.7	50.8	5.9	2	8	6	3
25 Brooke											
26 Sumosan											
27 Celebrity	106	54.7	45.3	109.1	3.3	50.1	5.4	4	3	6	2
28 OAC Staffa	108	56.7	39.7	100.8	2.0	49.7	5.6	1	3	4	3
29 Prosper	101	56.8	42.0	100.5	0.6	49.8	4.8	0	3	5	3
30 Cyane (CFO142AA45)											
31 AB183-5	93	54.2	37.0	105.3	3.6	55.2	6.9	1	2	5	1
32 ADB006055	101	59.2	41.3	102.5	0.5	50.8	0.0	1	5	5	3
33 CMB006047	116	60.8	44.2	107.5	2.6	48.9	0.0	0	2	3	3
34 GB006028	110	52.6	43.1	104.8	2.7	50.5	0.0	0	2	5	2
35 GB006076	117	55.7	42.4	98.3	2.2	50.9	0.0	0	4	4	2
36 OBS4898-15	99	55.5	42.9	100.4	2.1	51.9	5.1	4	5	5	2
37 B1602											
38 Paida (CFO141AA7)											
39 Perseis (CFO35AA1)											
40 Nordbec (OBS4869-7)											
41 Legacy	72	53.8	32.4	102.3	5.1	52.3	8.4	2	6	6	1
42 ADB016028	118	57.7	40.4	101.8	2.3	50.5	0.0	1	3	3	2
43 ADB016043	105	57.3	41.2	109.0	2.2	49.4	2.6	2	5	4	2
44 Celinex	84	56.1	43.0	113.7	6.1	52.9	5.4	4	1	6	1
45 Altona	107	56.6	44.3	111.4	4.5	53.7	4.9	2	1	5	1
46 OBS4872-27											
47 GB964006-1 <sup>1</sup>	90	55.7	38.5	96.4	2.1	50.6	0.0	0	4	4	2
Means	3.83	58.1	42.0	98.9	3.0	51.8	2.8	2.0	3.9	5.1	1.3

\* No. of locations

BARLEY  
TESTING AREA III  
YIELD DATA, 2004

Cultivar	Yield						rank of relative
	Winchester		Ottawa		Mean		
	t/ha	relative	t/ha	relative	t/ha	relative	
1 AC Kings	5.20	99	5.56	107	5.38	103	21
2 AC Parkhill	5.30	100	4.78	92	5.04	96	29
3 Formosa							
4 Danuta	3.80	72	5.42	104	4.61	88	36
5 Sunderland	5.40	102	4.66	90	5.03	96	30
6 Chief	4.90	93	4.92	95	4.91	94	31
7 AC Metcalfe	4.70	89	4.62	89	4.66	89	34
8 CDC Stratus	4.80	91	3.53	68	4.17	80	38
9 CFO 303-019	5.60	106	5.42	104	5.51	105	17
10 T316-013	5.30	100	5.33	103	5.31	102	22
11 Newdale	4.00	76	4.24	82	4.12	79	39
12 Creemore	4.20	80	5.40	104	4.80	92	32
13 AB241-1	5.40	102	3.98	77	4.69	90	33
14 T367-032	6.10	116	5.66	109	5.88	112	2
15 CDC Copeland	4.50	85	4.82	93	4.66	89	35
16 HB 348 <sup>1</sup>	4.30	82	4.91	95	4.60	88	37
17 AC Alma	5.20	99	6.05	117	5.62	108	10
18 Brucefield	6.00	114	5.54	107	5.77	110	5
19 Chapais	5.80	110	5.87	113	5.83	112	4
20 Grant	5.60	106	4.59	88	5.10	97	26
21 OAC Baxter	5.50	104	5.48	106	5.49	105	18
22 AC Vision	5.10	97	5.02	97	5.06	97	27
23 AC Klinck	5.10	97	5.67	109	5.39	103	20
24 Balance	5.60	106	5.78	111	5.69	109	7
25 Brooke							
26 Sumosan	6.00	114	4.47	86	5.24	100	25
27 Celebrity	5.60	106	5.82	112	5.71	109	6
28 OAC Staffa	5.40	102	5.69	110	5.55	106	15
29 Prosper	5.00	95	6.13	118	5.56	106	13
30 Cyane (CFO142AA45)	6.20	118	5.76	111	5.98	114	1
31 AB183-5	5.90	112	5.81	112	5.85	112	3
32 ADB006055	5.50	104	5.74	110	5.62	107	11
33 CMB006047	6.00	114	5.38	104	5.69	109	8
34 GB006028	5.30	100	5.90	114	5.60	107	12
35 GB006076	5.80	110	5.04	97	5.42	104	19
36 OBS4898-15	4.90	93	6.20	119	5.55	106	14
37 B1602							
38 Paida (CFO141AA7)	5.80	110	4.73	91	5.27	101	23
39 Perseis (CFO35AA1)	5.50	104	4.99	96	5.25	100	24
40 Nordbec (OBS4869-7)							
41 Legacy	6.10	116	5.19	100	5.65	108	9
42 ADB016028							
43 ADB016043							
44 Celinex	6.10	116	4.00	77	5.05	96	28
45 Altone	5.80	110	5.26	101	5.53	106	16
46 OBS4872-27							
47 GB964006-1 <sup>1</sup>	2.70	51	4.28	82	3.49	67	40
	Means	5.28	5.19		5.23		
	CV	13.7	8.8				

<sup>1</sup> hullless barley

BARLEY  
TESTING AREA III  
AGRONOMIC DATA, 2004

Cultivar	Yield rel (2)*	Test Wt kg/hl (2)	Kernel Wt g/1000 (2)	Height cm (2)	Lodging 0-9 (2)	Heading days (2)	Maturity days (1)	Net Blotch 0-9 (1)
1 AC Kings	103	69.1	49.4	89.4	4.4	52.7	86	5
2 AC Parkhill	96	68.1	47.6	80.4	3.8	56.5	85	5
3 Formosa								
4 Danuta	88	64.3	45.1	82.9	3.3	56.4	88	8
5 Sunderland	96	68.2	47.0	81.2	4.6	55.5	85	9
6 Chief	94	63.2	52.7	92.4	5.3	53.9	86	7
7 AC Metcalfe	89	63.9	41.0	86.1	6.0	53.2	86	6
8 CDC Stratus	80	62.7	40.6	80.7	6.0	55.4	87	4
9 CFO 303-019	105	68.6	48.3	81.6	2.4	55.8	85	5
10 T316-013	102	68.8	45.7	82.4	3.4	55.8	85	8
11 Newdale	79	62.5	41.3	82.9	2.5	58.3	88	6
12 Creemore	92	65.5	48.5	74.2	1.0	55.0	87	7
13 AB241-1	90	66.3	43.4	87.0	7.3	52.7	86	5
14 T367-032	112	71.0	46.4	81.0	4.0	54.3	86	9
15 CDC Copeland	89	60.0	39.6	86.9	4.3	57.8	87	8
16 HB 348 <sup>1</sup>	88	73.4	39.6	73.9	3.9	52.4	86	7
17 AC Alma	108	62.8	43.4	87.1	2.3	50.4	86	6
18 Brucefield	110	64.7	41.6	87.0	2.5	49.5	88	5
19 Chapais	112	64.0	46.2	81.5	2.2	48.0	84	7
20 Grant	97	65.3	42.9	99.5	4.6	51.5	86	5
21 OAC Baxter	105	65.9	44.2	90.1	2.5	50.7	85	4
22 AC Vision	97	61.4	41.5	73.7	6.0	49.7	85	6
23 AC Klinck	103	64.2	48.8	94.4	3.9	50.9	86	3
24 Balance	109	67.3	45.7	90.0	0.8	50.0	87	4
25 Brooke								
26 Sumosan	100	65.0	38.4	93.8	5.4	52.2	86	4
27 Celebrity	109	64.3	48.5	91.8	1.9	48.8	86	4
28 OAC Staffa	106	65.0	41.8	86.0	1.4	49.8	85	5
29 Prosper	106	64.0	39.9	83.8	0.8	50.0	86	6
30 Cyane (CFO142AA45)	114	62.6	45.4	104.3	3.3	54.3	87	3
31 AB183-5	112	63.2	44.7	97.4	1.4	54.9	88	1
32 ADB006055	107	65.6	43.1	95.6	1.3	51.7	85	6
33 CMB006047	109	66.9	45.3	96.3	3.5	49.9	85	2
34 GB006028	107	62.5	44.9	87.7	2.5	49.2	87	8
35 GB006076	104	62.8	46.5	83.2	1.7	50.9	87	4
36 OBS4898-15	106	64.3	45.2	87.7	1.4	52.5	87	5
37 B1602								
38 Paida (CFO141AA7)	101	61.4	38.3	103.7	4.3	54.3	87	3
39 Perseis (CFO35AA1)	100	65.5	42.4	95.5	3.5	53.0	86	3
40 Nordbec (OBS4869-7)								
41 Legacy	108	63.2	37.7	92.2	2.6	51.2	86	3
42 ADB016028								
43 ADB026043								
44 Celinex	96	64.6	46.1	99.1	5.1	53.0	87	4
45 Altone	106	62.6	45.5	94.5	2.7	53.8	88	3
46 OBS4872-27								
47 GB964006-1 <sup>1</sup>	67	66.4	38.0	75.7	1.9	51.9	86	8
Means	5.23	65.0	44.0	87.8	3.3	52.7	86.2	5.2

\* No. of locations

BARLEY  
TESTING AREA V & VI  
YIELD DATA, 2004

Cultivar	Yield								
	New Liskeard		Verner		Emo		Mean		rank of
	t/ha	relative	t/ha	relative	t/ha	relative	t/ha	relative	relative
1 AC Kings	4.86	91	4.34	91	4.83	96	4.68	93	34
2 AC Parkhill	5.69	107	4.74	99	4.35	86	4.92	97	25
3 Formosa									
4 Danuta	5.08	96	4.49	94	4.98	99	4.85	96	28
5 Sunderland	5.50	104	4.70	98	4.38	87	4.86	96	27
6 Chief	5.13	97	5.05	105	4.69	93	4.96	98	23
7 AC Metcalfe	5.04	95	4.80	100	4.44	88	4.76	94	31
8 CDC Stratus	5.29	100	4.35	91	4.37	87	4.67	92	35
9 CFO 303-019	5.98	113	4.60	96	4.69	93	5.09	101	20
10 T316-013	4.88	92	4.74	99	4.70	93	4.77	95	30
11 Newdale	4.06	76	3.58	75	4.16	82	3.93	78	43
12 Creemore (ACS50516)	4.63	87	4.66	97	4.64	92	4.65	92	36
13 AB241-1	5.59	105	4.93	103	4.08	81	4.87	96	26
14 T367-032	5.38	101	4.63	97	4.94	98	4.98	99	21
15 CDC Copeland	4.95	93	4.39	92	4.44	88	4.60	91	40
16 HB 348 <sup>1</sup>	3.52	66	3.95	83	5.33	106	4.27	85	41
17 AC Alma	5.02	94	4.37	91	4.74	94	4.71	93	33
18 Brucefield	6.04	114	5.12	107	5.58	111	5.58	110	6
19 Chapais	5.98	113	4.64	97	5.48	109	5.37	106	11
20 Grant	5.82	110	5.08	106	4.98	99	5.29	105	13
21 OAC Baxter	4.36	82	4.02	84	5.44	108	4.60	91	39
22 AC Vision	4.83	91	4.46	93	5.62	111	4.97	98	22
23 AC Klinck	4.87	92	4.88	102	5.60	111	5.12	102	18
24 Balance	6.17	116	5.02	105	5.22	103	5.47	108	8
25 Brooke	5.72	108	5.58	117	4.61	91	5.30	105	12
26 Sumosan	5.94	112	6.17	129	4.79	95	5.64	112	5
27 Celebrity	5.74	108	4.62	97	5.30	105	5.22	103	16
28 OAC Staffa	6.18	116	5.41	113	5.14	102	5.58	110	7
29 Prosper	5.09	96	4.50	94	5.17	102	4.92	97	24
30 Cyane (CFO142AA45)	6.54	123	6.15	129	6.73	133	6.47	128	1
31 AB183-5	5.77	109	5.77	120	6.39	127	5.97	119	2
32 ADB006055	5.10	96	4.62	97	4.69	93	4.80	95	29
33 CMB006047	5.74	108	5.17	108	4.95	98	5.29	105	14
34 GB006028	5.24	99	4.42	92	5.68	113	5.11	101	19
35 GB006076	5.91	111	5.85	122	5.18	103	5.65	112	4
36 OBS4898-15	4.69	88	5.10	107	5.55	110	5.11	102	17
37 B1602	4.34	82	4.07	85	5.53	110	4.65	92	37
38 Paida (CFO141AA7)	5.72	108	4.79	100	5.20	103	5.24	104	15
39 Perseis (CFO35AA1)	5.34	101	4.98	104	5.85	116	5.39	107	10
40 Nordbec (OBS4869-7)	5.23	98	3.95	83	4.99	99	4.72	93	32
41 Legacy	5.55	104	4.87	102	5.89	117	5.44	108	9
42 ADB016028									
43 ADB026043									
44 Celinex									
45 Altone	6.36	120	5.93	124	5.43	108	5.91	117	3
46 OBS4872-27	5.03	95	4.82	101	4.05	80	4.63	92	38
47 GB964006-1 <sup>1</sup>	4.53	85	3.52	74	4.23	84	4.09	81	42
Means	5.31		4.79		5.05		5.05		
CV	13.8		10.3		14.6				

<sup>1</sup> hullless barley

BARLEY  
TESTING AREA V & VI  
AGRONOMIC DATA, 2004

Cultivar	Yield t/ha (3)*	Test Wt kg/hl (3)	Kernel Wt g/1000 (3)	Height cm (3)	Lodging 0-9 (2)	Heading days (2)	Maturity days (2)
1 AC Kings	4.68	62.3	48.1	91.9	1.9	61.5	100.0
2 AC Parkhill	4.92	64.4	44.6	78.4	3.0	63.5	99.7
3 Formosa							
4 Danuta	4.85	59.9	46.4	83.2	1.3	63.0	104.0
5 Sunderland	4.86	64.0	43.5	79.5	3.5	63.0	99.7
6 Chief	4.96	59.9	44.0	90.9	4.3	61.5	103.0
7 AC Metcalfe	4.76	60.3	39.3	82.4	3.7	63.5	102.3
8 CDC Stratus	4.67	61.1	42.7	80.7	2.8	65.0	101.5
9 CFO 303-019	5.09	63.6	46.9	79.0	3.9	63.5	98.8
10 T316-013	4.77	64.4	42.3	77.6	2.0	59.0	100.5
11 Newdale	3.93	57.4	42.0	76.1	1.5	67.5	105.9
12 Creemore (ACS50516)	4.65	64.8	46.7	71.9	1.2	62.5	100.3
13 AB241-1	4.87	63.2	43.5	85.6	2.9	59.0	103.5
14 T367-032	4.98	64.4	44.4	73.4	2.4	61.5	100.9
15 CDC Copeland	4.60	58.6	39.3	83.0	4.0	64.5	103.4
16 HB 348 <sup>1</sup>	4.27	63.2	36.1	76.9	1.9	62.0	100.3
17 AC Alma	4.71	55.7	41.2	86.3	2.3	62.0	100.9
18 Brucefield	5.58	59.9	39.1	82.5	2.5	59.0	101.9
19 Chapais	5.37	58.2	42.0	81.8	1.0	61.0	97.5
20 Grant	5.29	59.4	41.5	93.7	4.0	62.0	102.7
21 OAC Baxter	4.60	60.7	41.5	87.6	2.0	61.0	98.8
22 AC Vision	4.97	59.4	42.1	75.3	1.3	62.5	100.9
23 AC Klinck	5.12	58.6	45.3	94.3	2.9	61.0	105.5
24 Balance	5.47	61.1	42.9	85.4	1.5	62.0	101.9
25 Brooke	5.30	60.7	36.9	87.9	4.0	59.5	100.9
26 Sumosan	5.64	61.5	38.8	94.8	4.0	62.0	102.0
27 Celebrity	5.22	59.0	44.2	88.4	2.7	59.5	98.8
28 OAC Staffa	5.58	59.9	39.5	86.1	2.5	63.0	101.9
29 Prosper	4.92	59.9	36.9	82.9	1.2	61.0	101.7
30 Cyane (CFO142AA45)	6.47	61.5	46.1	96.2	1.5	63.5	103.5
31 AB183-5	5.97	57.0	43.3	92.5	2.2	63.5	105.9
32 ADB006055	4.80	59.8	42.9	86.2	2.0	63.0	103.7
33 CMB006047	5.29	61.5	42.0	87.2	3.5	61.0	100.5
34 GB006028	5.11	58.6	40.8	86.8	1.2	62.0	104.4
35 GB006076	5.65	59.0	43.4	84.5	3.8	60.0	103.2
36 OBS4898-15	5.11	57.8	42.3	87.3	1.5	61.5	104.5
37 B1602	4.65	57.8	34.0	85.5	2.7	61.5	102.0
38 Paida (CFO141AA7)	5.24	59.5	39.7	97.9	2.2	64.0	105.5
39 Perseis (CFO35AA1)	5.39	60.3	41.9	89.5	1.9	61.0	100.9
40 Nordbec (OBS4869-7)	4.72	58.2	39.5	74.9	1.5	55.5	90.3
41 Legacy	5.44	58.6	37.3	82.8	1.5	62.0	105.4
42 ADB016028							
43 ADB026043							
44 Celinex							
45 Altone	5.91	58.6	46.5	94.7	2.0	62.5	105.5
46 OBS4872-27	4.63	56.5	40.4	91.6	3.7	60.5	96.8
47 GB964006-1 <sup>1</sup>	4.09	59.8	39.9	77.5	1.2	65.0	104.8
Means	5.05	60.2	41.9	84.9	2.4	61.9	101.8

\* No. of locations

Centralia  
BARLEY  
AGRONOMIC DATA, 2004

Cultivar	Yield rel	wt/hl kg	Kernel Wt g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Mildew 0-9	Leaf Rust 0-9	Scald 0-9	Net Blotch 0-9
1 AC Kings	98	62.9	52.1								
2 AC Parkhill	110	66.0	51.8								
3 Formosa	86	62.1	51.1								
4 Danuta	94	59.6	52.2								
5 Sunderland	105	65.0	50.6								
6 Chief	122	58.7	55.2								
7 AC Metcalfe	104	62.0	47.1								
8 CDC Stratus	113	60.7	44.8								
9 CFO 303-019											
10 T316-013	112	65.8	49.5								
11 Newdale	110	61.0	47.1								
12 Creemore	82	62.9	52.6								
13 AB241-1	114	63.3	50.4								
14 T367-032	112	65.3	50.0								
15 CDC Copeland	100	59.6	45.2								
16 HB 348 <sup>1</sup>	105	74.5	43.2								
17 AC Alma											
18 Brucefield	99	56.4	46.6								
19 Chapais	105	57.9	49.9								
20 Grant	93	59.4	42.9								
21 OAC Baxter	94	58.4	47.5								
22 AC Vision	95	55.6	43.9								
23 AC Klinck	94	56.1	51.3								
24 Balance	114	59.4	44.5								
25 Brooke											
26 Sumosan											
27 Celebrity	99	50.8	48.6								
28 OAC Staffa	105	57.3	43.8								
29 Prosper	81	55.1	45.5								
30 Cyane (CFO142AA45)											
31 AB183-5	95	53.1	44.0								
32 ADB006055	98	60.2	46.1								
33 CMB006047	116	62.0	47.3								
34 GB006028	100	48.9	49.0								
35 GB006076	111	55.5	45.3								
36 OBS4898-15	79	56.8	49.1								
37 B1602											
38 Paida (CFO141AA7)											
39 Perseis (CFO35AA1)											
40 Nordbec (OBS4869-7)											
41 Legacy	74	57.6	39.0								
42 ADB016028	109	59.5	44.5								
43 ADB026043	93	58.4	47.0								
44 Celinex	90	52.2	49.9								
45 Altone	108	57.2	48.3								
46 OBS4872-27											
47 GB964006-1 <sup>1</sup>	82	55.7	46.6								
Means	3.84	59.27	47.66								
CV	13.5										

Elora  
BARLEY  
AGRONOMIC DATA, 2004

Cultivar	Yield rel	wt/hl kg	Kernel Wt g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Mildew 0-9	Leaf Rust 0-9	Scald 0-9	Net Blotch 0-9
1 AC Kings	96	57.0	45.5	86	0.0	51		4.0	5.0		
2 AC Parkhill	77	64.4	47.6	75	1.5	51		3.0	4.0		
3 Formosa	86	59.0	41.7	71	0.8	50		0.0	2.0		
4 Danuta	85	55.1	40.4	71	4.5	51		3.0	2.0		
5 Sunderland	102	63.9	45.8	71	1.0	50		2.0	3.0		
6 Chief	92	57.2	46.2	81	3.0	51		4.0	3.0		
7 AC Metcalfe	73	57.2	41.8	75	1.3	52		2.0	3.0		
8 CDC Stratus	77	57.2	40.6	69	1.0	52		8.0	2.0		
9 CFO 303-019											
10 T316-013	94	60.7	43.4	70	0.5	50		0.0	3.0		
11 Newdale	90	50.3	35.4	71	1.8	53		5.0	3.0		
12 Creemore	114	48.0	42.6	68	0.5	52		0.0	0.0		
13 AB241-1	88	62.2	46.0	81	2.5	50		3.0	2.0		
14 T367-032	96	62.2	43.4	70	1.5	50		0.0	3.0		
15 CDC Copeland	73	52.6	34.4	81	4.8	53		9.0	3.0		
16 HB 348 <sup>1</sup>	83	63.9	37.4	69	0.8	50		3.0	2.0		
17 AC Alma											
18 Brucefield	96	58.6	38.2	71	0.3	48		7.0	0.0		
19 Chapais	123	55.7	42.8	69	0.8	47		9.0	1.0		
20 Grant	90	57.7	37.4	84	2.5	50		6.0	2.0		
21 OAC Baxter	112	55.9	38.0	80	1.8	49		6.0	3.0		
22 AC Vision	97	54.1	37.2	63	1.8	49		0.0	3.0		
23 AC Klinck	125	57.0	44.8	86	0.8	49		5.0	1.0		
24 Balance	94	55.2	37.5	76	0.0	49		8.0	2.0		
25 Brooke											
26 Sumosan											
27 Celebrity	110	54.5	47.8	86	1.0	48		7.0	4.0		
28 OAC Staffa	123	55.8	42.4	74	0.0	48		8.0	1.0		
29 Prosper	111	54.6	49.2	73	0.3	49		5.0	0.0		
30 Cyane (CFO142AA45)											
31 AB183-5	93	55.2	35.4	84	0.0	52		8.0	1.0		
32 ADB006055	101	61.1	42.2	78	0.0	49		0.0	1.0		
33 CMB006047	118	62.4	44.4	85	0.3	47		0.0	0.0		
34 GB006028	110	53.3	43.2	84	1.0	49		0.0	0.0		
35 GB006076	125	56.5	43.8	76	0.3	49		0.0	0.0		
36 OBS4898-15	110	52.2	41.6	84	0.3	50		7.0	4.0		
37 B1602											
38 Paida (CFO141AA7)											
39 Perseis (CFO35AA1)											
40 Nordbec (OBS4869-7)											
41 Legacy	70	57.0	35.8	83	6.0	50		9.0	2.0		
42 ADB016028	133	57.2	44.2	76	0.0	49		0.0	1.0		
43 ADB026043	121	55.9	40.6	80	0.8	48		5.0	2.0		
44 Celinex	89	57.6	40.2	93	3.3	50		6.0	4.0		
45 Altone	108	54.5	42.0	91	3.3	51		6.0	2.0		
46 OBS4872-27											
47 GB964006-1 <sup>1</sup>	116	58.4	39.2	76	0.0	49		0.0	0.0		
Means	2.55	57.1	41.62	77.3	1.83	49.9		4.0	2.00		
CV	7.9										

Monkton  
BARLEY  
AGRONOMIC DATA, 2004

Cultivar	Yield rel	wt/hl kg	Kemel We g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Mildew 0-9	Leaf Rust 0-9	Scald 0-9	Net Blotch 0-9	Spot Blotch 0-9	Fusarium 0-9
1 AC Kings	92	59.0	40.0	113.5	8.0	50.0		3.3				5.7	0.9
2 AC Parkhill	110	62.7	38.0	97.5	7.5	50.8		0.0				5.7	0.5
3 Formosa	106	57.5	33.0	106.5	6.0	50.0		0.0				7.0	1.4
4 Danuta	96	56.0	34.0	107.0	4.0	53.3		0.0				6.0	0.5
5 Sunderland	103	60.4	37.0	96.5	4.5	50.5		0.0				6.7	0.8
6 Chief	108	55.8	38.5	112.5	8.0	52.3		0.0				5.0	0.3
7 AC Metcalfe	94	57.5	33.0	107.5	7.0	50.8		0.0				5.3	0.4
8 CDC Stratus	96	58.2	33.0	95.0	8.0	51.3		3.0				5.7	0.2
9 CFO 303-019													
10 T316-013	107	60.5	33.5	99.5	5.5	50.3		0.0				5.3	0.5
11 Newdale	101	57.2	33.5	102.0	5.5	52.3		1.5				3.3	0.4
12 Creemore	101	60.5	43.0	92.0	1.5	51.8		0.0				5.0	0.3
13 AB241-1	108	61.2	37.5	110.0	7.5	50.5		0.0				6.0	0.3
14 T367-032	112	60.8	34.5	89.0	7.5	50.8		0.0				6.3	0.8
15 CDC Copeland	89	55.5	30.5	102.5	7.5	52.3		2.0				6.0	0.7
16 HB 348 <sup>1</sup>	97	67.3	34.0	96.0	5.5	48.8		1.5				6.3	1.3
17 AC Alma													
18 Brucefield	108	55.6	32.5	117.5	6.5	48.3		5.0				4.3	2.3
19 Chapais	97	52.4	34.5	104.0	8.0	47.5		4.5				6.7	1.8
20 Grant	109	55.2	33.5	119.5	8.0	48.5		5.3				4.0	1.9
21 OAC Baxter	93	58.8	37.0	124.5	4.5	47.5		3.8				5.3	1.4
22 AC Vision	108	54.8	33.5	103.5	7.5	48.8		0.0				4.7	1.3
23 AC Klinck	90	53.3	37.0	124.0	6.5	48.5		5.3				5.0	1.4
24 Balance	78	57.6	33.8	119.0	4.5	48.5		5.8				6.0	2.6
25 Brooke													
26 Sumosan													
27 Celebrity	108	54.7	35.5	117.5	7.0	48.3		6.3				5.7	2.3
28 OAC Staffa	101	54.0	32.0	120.0	3.5	48.0		5.5				4.3	2.9
29 Prosper	98	56.9	32.5	116.5	1.5	48.5		5.8				5.0	2.8
30 Cyane (CFO142AA45)													
31 AB183-5	101	54.7	32.5	107.5	6.5	54.3		5.5				5.0	0.6
32 ADB006055	99	56.3	35.5	110.5	1.0	48.8		0.0				5.0	2.6
33 CMB006047	117	57.9	39.0	117.5	6.0	47.5		0.0				2.7	2.6
34 GB006028	113	51.1	35.5	112.5	5.5	48.5		0.0				4.7	1.8
35 GB006076	118	54.4	36.0	106.5	5.0	49.3		0.0				4.0	1.8
36 OBS4898-15	101	53.4	36.0	110.0	5.5	49.5		4.0				5.3	1.9
37 B1602													
38 Paída (CFO141AA7)													
39 Perseis (CFO35AA1)													
40 Nordbec (OBS4869-7)													
41 Legacy	71	53.1	25.5	109.0	7.5	49.5		7.8				5.7	1.1
42 ADB016028	114	57.4	33.0	114.0	4.5	48.5		0.0				2.7	1.9
43 ADB026043	104	58.6	35.0	128.5	3.5	47.5		1.5				4.0	1.6
44 Celinex	70	57.2	37.0	114.0	8.0	50.8		5.5				5.7	0.8
45 Altone	103	55.4	36.0	120.0	7.0	52.0		5.5				5.0	1.3
46 OBS4872-27													
47 GB964006-1 <sup>1</sup>	77	50.3	31.5	107.5	4.0	48.8		0.0				4.3	2.1
Means	3.60	56.8	34.79	109.5	5.81	49.8		2.4				5.1	1.3
CV	5.6												



Harriston  
BARLEY  
AGRONOMIC DATA, 2004

Cultivar	Yield rel	wt/hl kg	Kernel We g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Mildew 0-9	Leaf Rust 0-9	Scald 0-9	Net Blotch 0-9
1 AC Kings	107	64.7	54.0	115	1.3	57		1.0		6.5	
2 AC Parkhill	101	64.3	47.5	103	1.0	57		0.0		8.0	
3 Fomosa	104	61.9	47.4	96	2.0	55		0.0		4.5	
4 Danuta	77	56.7	45.8	90	0.0	60		0.0		7.5	
5 Sunderland	100	64.5	45.9	101	0.0	56		1.0		7.0	
6 Chief	91	58.0	52.0	114	3.8	57		0.0		7.0	
7 AC Metcalfe	97	61.9	45.0	106	1.8	57		0.0		3.0	
8 CDC Stratus	98	60.5	48.2	97	1.8	58		4.7		4.0	
9 CFO 303-019											
10 T316-013	100	62.9	46.0	99	0.0	56		0.0		6.5	
11 Newdale	104	59.1	43.3	103	1.3	58		0.7		3.5	
12 Creemore	108	61.9	47.4	95	0.0	58		0.7		5.5	
13 AB241-1	96	63.1	48.1	108	4.3	56		0.0		2.0	
14 T367-032	97	64.8	46.5	96	1.5	57		0.0		2.0	
15 CDC Copeland	87	58.3	42.5	114	2.3	58		3.3		3.5	
16 HB 348 1	91	66.7	39.9	94	0.3	55		0.0		1.0	
17 AC Alma											
18 Brucefield	100	54.9	36.4	108	0.8	56		4.3		2.0	
19 Chapais	98	56.5	43.8	108	2.5	53		2.7		4.5	
20 Grant	94	53.7	37.7	120	4.8	55		4.7		2.0	
21 OAC Baxter	95	57.1	41.0	117	2.0	54		2.7		4.0	
22 AC Vision	111	56.6	40.3	98	3.0	54		0.0		1.0	
23 AC Klinck	110	58.0	50.3	122	3.8	56		2.0		4.0	
24 Balance	98	60.8	45.3	116	0.5	55		4.0		8.0	
25 Brooke											
26 Sumosan											
27 Celebrity	108	58.7	49.1	124	2.0	54		3.0		2.5	
28 OAC Staffa	103	59.6	40.7	109	2.5	53		3.3		2.5	
29 Prosper	115	60.7	40.9	113	0.0	52		3.7		3.0	
30 Cyane (CFO142AA45)											
31 AB183-5	84	53.8	36.2	125	4.3	59		7.3		1.5	
32 ADB006055	107	59.4	41.4	120	0.5	54		0.0		4.5	
33 CMB006047	115	61.1	46.1	120	1.5	52		0.0		2.0	
34 GB006028	115	57.0	44.8	118	1.5	54		0.0		1.5	
35 GB006076	114	56.3	44.5	112	1.3	54		0.0		3.5	
36 OBS4898-15	106	59.5	44.8	108	0.5	56		4.3		4.5	
37 B1602											
38 Paida (CFO141AA7)											
39 Perseis (CFO35AA1)											
40 Nordbec (OBS4869-7)											
41 Legacy	75	47.4	29.4	116	1.8	57		8.3		6.0	
42 ADB016028	114	56.8	39.7	115	2.3	54		0.0		3.0	
43 ADB026043	103	56.2	42.1	119	2.3	52		1.3		5.0	
44 Cellinex	86	57.3	45.0	135	7.0	58		4.7		1.0	
45 Altone	108	59.4	50.7	123	3.3	58		3.3		1.0	
46 OBS4872-27											
47 GB964006-11	84	58.5	36.6	106	2.3	54		0.0		4.0	
Means	5.30	59.2	43.95	110.0	1.94	55.7		1.9		3.9	
CV	8.5										

BARLEY  
Winchester  
AGRONOMIC DATA, 2004

Cultivar	Yield t/ha	Test Wt kg/hl	Kernel Wt g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Mildew 0-9	Leaf Rust 0-9	Scald 0-9	Net Blotch 0-9	Spot Blotch 0-9	Fusarium 0-9
1 AC Kings	5.20	63.7	47.4	83.8	5.3	52.3							
2 AC Parkhill	5.30	67.2	47.9	73.8	5	59							
3 Formosa													
4 Danuta	3.80	58	41.8	78.8	6.3	56.8							
5 Sunderland	5.40	65.3	45.6	74.4	5.5	59							
6 Chief	4.90	58.3	51.3	83.8	7	53.8							
7 AC Metcalfe	4.70	59.5	38.1	83.1	7.3	53.3							
8 CDC Stratus	4.80	58.1	38.2	74.4	6	56.8							
9 CFO 303-019	5.60	66.7	48.1	73.1	3.5	59.5							
10 T316-013	5.30	64.3	44.1	73.8	5.8	59.5							
11 Newdale	4.00	57	38.1	75.7	4.3	60.5							
12 Creemore	4.20	61.4	45	64.4	2	56							
13 AB241-1	5.40	64.5	44.3	80	7.5	52.3							
14 T367-032	6.10	66.3	45.9	76.9	5.3	54.5							
15 CDC Copeland	4.50	54.5	34.9	73.8	7	59.5							
16 HB 348 <sup>1</sup>	4.30	70.1	37	63.8	6.5	51.8							
17 AC Alma	5.20	58.5	41.1	78.1	2.5	49.8							
18 Brucefield	6.00	58.8	39.9	80	2.5	48							
19 Chapais	5.80	58.9	44.8	75	2.3	47							
20 Grant	5.60	62.2	42.1	95	3.5	50							
21 OAC Baxter	5.50	60.8	42.5	83.1	2.3	49.3							
22 AC Vision	5.10	58.5	40.7	61.3	6.3	49.3							
23 AC Klinck	5.10	59.6	49.7	88.8	2.8	49.8							
24 Balance	5.60	62.6	44.2	81.9	1.5	49							
25 Brooke													
26 Sumosan	6.00	61.7	37.6	90.6	6	51.3							
27 Celebrity	5.60	60.4	46.9	82.5	1.8	47.5							
28 OAC Staffa	5.40	59.5	39.8	80	2.5	49.5							
29 Prosper	5.00	60.6	37.7	75.6	1.5	50							
30 Cyane (CFO142AA)	6.20	60.6	46.3	92.5	1.8	53.5							
31 AB183-5	5.90	58.4	42.2	88.8	1.3	52.8							
32 ADB006055	5.50	60	41.3	88.1	2.3	51.3							
33 CMB006047	6.00	63.1	45.4	87.5	3	48.8							
34 GB006028	5.30	56.4	42.9	79.4	2.3	48.3							
35 GB006076	5.80	60.3	45.6	76.3	1.8	49.8							
36 OBS4898-15	4.90	57.9	45.2	81.3	2.5	53							
37 B1602													
38 Paida (CFO141AA7)	5.80	60.4	36.9	99.4	2.3	52.5							
39 Perseis (CFO35AA)	5.50	60.6	41.5	90	5.3	52							
40 Nordbec (OBS4869-7)													
41 Legacy	6.10	60.3	37.4	86.3	4	50.3							
42 ADB016028													
43 ADB026043													
44 Celinex	6.10	61.4	46.3	93.1	5	51							
45 Altone	5.80	58.2	45.3	86.9	1.8	52.5							
46 OBS4872-27													
47 GB964006-1 <sup>1</sup>	2.70	58.4	37.6	66.3	0.8	50.8							
Means	5.27	60.8	42.7	80.5	3.8	52.5							

BARLEY  
Ottawa  
AGRONOMIC DATA, 2004

Cultivar	Yield t/ha	Test Wt kg/hl	Kernel Wt g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Mildew 0-9	Leaf Rust 0-9	Scald 0-9	Net Blotch 0-9	Spot Blotch 0-9	Fusarium 0-9
1 AC Kings	5.56	74.5	51.3	95	3.5	53	86					5	
2 AC Parkhill	4.78	69.0	47.3	87	2.5	54	85					5	
3 Formosa												8	
4 Danuta	5.42	70.5	48.3	87	0.3	56	88					9	
5 Sunderland	4.66	71.1	48.4	88	3.8	52	85						
6 Chief	4.92	68.0	54.1	101	3.5	54	86					7	
7 AC Metcalfe	4.62	68.2	43.9	89	4.8	53	86					6	
8 CDC Stratus	3.53	67.2	43.0	87	6.0	54	87					4	
9 CFO 303-019	5.42	70.5	48.5	90	1.3	52	85					5	
10 T316-013	5.33	73.2	47.2	91	1.0	52	85					8	
11 Newdale	4.24	68.0	44.5	90	0.8	56	88					6	
12 Creemore	5.40	69.5	51.9	84	0.0	54	87					7	
13 AB241-1	3.98	68.0	42.4	94	7.0	53	86					5	
14 T367-032	5.66	75.6	46.8	85	2.8	54	86					9	
15 CDC Copeland	4.82	65.5	44.3	100	1.5	56	87					8	
16 HB 348 <sup>1</sup>	4.91	76.7	42.1	84	1.30	53	86					7	
17 AC Alma	6.05	67.0	45.6	96	2.0	51	86					6	
18 Brucefield	5.54	70.5	43.2	94	2.5	51	88					5	
19 Chapals	5.87	69.0	47.6	88	2.0	49	84					7	
20 Grant	4.59	68.4	43.7	104	5.8	53	86					5	
21 OAC Baxter	5.48	71.0	45.9	97	2.8	52	85					4	
22 AC Vision	5.02	64.2	42.3	86	5.8	50	85					6	
23 AC Klinck	5.67	68.8	47.9	100	5.0	52	86					3	
24 Balance	5.78	72.0	47.2	98	0.0	51	87					4	
25 Brooke												4	
26 Sumosan	4.47	68.2	39.2	97	4.8	53	86						
27 Celebrity	5.82	68.2	50.1	101	2.0	50	86					4	
28 OAC Staffa	5.69	70.5	43.8	92	0.3	50	85					5	
29 Prosper	6.13	67.4	42.1	92	0.0	50	86					6	
30 Cyane (CFO142AA4)	5.76	64.5	44.4	116	4.8	55	87					3	
31 AB183-5	5.81	68.0	47.2	106	1.5	57	88					1	
32 ADB006055	5.74	71.1	44.9	103	0.3	52	85					6	
33 CMB006047	5.38	70.7	45.2	105	4.0	51	85					2	
34 GB006028	5.90	68.5	46.8	96	2.8	50	87					8	
35 GB006076	5.04	65.3	47.3	90	1.5	52	87					4	
36 OBS4898-15	6.20	70.7	45.2	94	0.3	52	87					5	
37 B1602													
38 Paida (CFO141AA7)	4.73	62.4	39.6	108	6.3	56	87					3	
39 Perseis (CFO35AA1)	4.99	70.3	43.2	101	1.8	54	86					3	
40 Nordbec (OBS4869-7)													
41 Legacy	5.19	66.1	38.0	98	1.3	52	86					3	
42 ADB016028													
43 ADB026043													
44 Celinex	4.00	67.8	45.9	105	5.3	55	87					4	
45 Altone	5.26	67.0	45.6	102	3.5	55	88					3	
46 OBS4872-27													
47 GB964006-11	4.28	74.3	38.3	85	3.0	53	86					8	
Means	5.20	69.0	45.4	95.4	2.8	52.8	86.2						

BARLEY  
Emo  
AGRONOMIC DATA, 2004

Cultivar	Yield t/ha	Test Wt kg/hl	Kernel Wt g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Mildew 0-9	Leaf Rust 0-9	Scald 0-9	Net Blotch 0-9	Spot Blotch 0-9	Fusarium 0-9
1 AC Kings	4.83	61.1	48.4	101	2	62	98						
2 AC Parkhill	4.35	63.6	45	85	4	66	101						
3 Formosa													
4 Danuta	4.98	58.6	45.8	90	1	65	105						
5 Sunderland	4.38	62.3	41.6	87	6	63	101						
6 Chief	4.69	59.9	50.2	97	6	63	104						
7 AC Metcalfe	4.44	58.6	37.9	90	6	66	103						
8 CDC Stratus	4.37	62.3	43.9	87	3	66	101						
9 CFO 303-019	4.69	62.3	49.5	86	6	68	101						
10 T316-013	4.70	63.6	44.5	82	3	63	101						
11 Newdale	4.16	58.6	44.9	85	2	68	108						
12 Creemore	4.64	62.3	48.1	77	1	66	101						
13 AB241-1	4.08	63.6	43.4	86	4	63	104						
14 T367-032	4.94	64.8	45.9	77	3	63	105						
15 CDC Copeland	4.44	58.6	37.6	89	6	68	104						
16 HB 348 1	5.33	69.8	36.8	81	2	61	101						
17 AC Alma	4.74	59.9	41.7	96	3	61	101						
18 Brucefield	5.58	61.1	40.2	88	4	61	101						
19 Chapais	5.48	59.9	42.6	88	1	59	101						
20 Grant	4.98	59.9	41.3	91	7	63	103						
21 OAC Baxter	5.44	61.1	42.8	94	3	61	98						
22 AC Vision	5.62	62.3	45.3	84	1	61	101						
23 AC Klinck	5.60	58.6	48.7	103	4	61	108						
24 Balance	5.22	62.3	44.2	87	2	61	103						
25 Brooke	4.61	59.9	37.3	93	7	61	105						
26 Sumosan	4.79	62.3	40.1	103	7	63	103						
27 Celebrity	5.30	58.6	46.7	94	4	61	98						
28 OAC Staffa	5.14	59.9	39.7	89	4	61	105						
29 Prosper	5.17	61.1	39.4	92	1	61	104						
30 Cyane (CFO142AA4)	6.73	62.3	40.8	99	2	63	104						
31 AB183-5	6.39	57.4	44.7	98	3	66	108						
32 ADB006055	4.69	61.1	42.5	84	3	63	104						
33 CMB006047	4.95	62.3	42.4	84	6	61	104						
34 GB006028	5.68	58.6	46.2	94	1	61	108						
35 GB006076	5.18	58.6	45.4	89	6	61	104						
36 OBS4898-15	5.55	59.9	43.6	86	2	61	104						
37 B1602	5.53	61.1	40.1	95	2	63	103						
38 Paida (CFO141AA7)	5.20	59.9	40.5	102	3	65	108						
39 Perseis (CFO35AA1)	5.85	61.1	44.3	91	2	63	101						
40 Nordbec (OBS4869-i)	4.99	59.9	39.1	88	2	59	96						
41 Legacy	5.89	61.1	41.3	88	2	63	108						
42 ADB016028													
43 ADB026043													
44 Celinex													
45 Altone	5.43	57.4	49.6	98	3	63	108						
46 OBS4872-27	4.05	58.6	41.4	96	6	59	98						
47 GB964006-11	4.23	56.1	43.2	84	1	66	105						
Means	5.05	60.8	43.2	90.2	3.4	62.9	103.1						
CV	14.6												

Verner  
BARLEY  
AGRONOMIC DATA, 2004

Cultivar	Yield t/ha	wt/hl kg	Kernel We g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Mildew 0-9	Leaf Rust 0-9	Scald 0-9	Net Blotch 0-9
1 AC Kings	4.34	63.6	48.9	80							
2 AC Parkhill	4.74	66.1	45.1	69							
3 Formosa											
4 Danuta	4.49	63.6	48.6	72							
5 Sunderland	4.70	66.1	43.7	71							
6 Chief	5.05	61.1	40.9	76							
7 AC Metcalfe	4.80	63.6	41.2	69							
8 CDC Stratus	4.35	62.3	41.2	71							
9 CFO 303-019	4.60	64.8	43.8	67							
10 T316-013	4.74	66.1	41.9	65							
11 Newdale	3.58	58.6	42.7	65							
12 Creemore	4.66	62.3	48.7	64							
13 AB241-1	4.93	63.6	44	77							
14 T367-032	4.63	64.8	46	64							
15 CDC Copeland	4.39	58.6	39.9	71							
16 HB 348 <sup>1</sup>	3.95	69.8	40.1	69							
17 AC Alma	4.37	57.4	40.8	77							
18 Brucefield	5.12	61.1	40.3	73							
19 Chapais	4.64	57.4	41.2	71							
20 Grant	5.08	62.3	42.1	86							
21 OAC Baxter	4.02	64.8	40.1	80							
22 AC Vision	4.46	59.9	40.2	67							
23 AC Klinck	4.88	59.9	44.3	81							
24 Balance	5.02	62.3	41.4	77							
25 Brooke	5.58	62.3	36.1	80							
26 Sumosan	6.17	62.3	38.7	80							
27 Celebrity	4.62	61.1	43.2	77							
28 OAC Staffa	5.41	61.1	38.9	79							
29 Prosper	4.50	61.1	35.3	74							
30 Cyane (CFO142AA)	6.15	61.1	41.1	84							
31 AB183-5	5.77	58.6	43.8	78							
32 ADB006055	4.62	62.3	45	81							
33 CMB006047	5.17	62.3	40.5	80							
34 GB006028	4.42	61.1	35.4	75							
35 GB006076	5.85	61.1	42.8	73							
36 OBS4898-15	5.10	58.6	43.1	75							
37 B1602	4.07	59.9	33.5	71							
38 Paida (CFO141AA)	4.79	61.1	38.3	79							
39 Perseis (CFO35AA)	4.98	62.3	42.5	84							
40 Nordbec (OBS486)	3.95	58.6	37.2	59							
41 Legacy	4.87	59.9	35.8	68							
42 ADB016028											
43 ADB026043											
44 Celinex											
45 Altone	5.93	61.1	43.6	81							
46 OBS4872-27	4.82	57.4	38.8	77							
47 GB964006-1 <sup>1</sup>	3.52	64.8	40.2	67							
Means	4.79	61.8	41.4	74.0							

## DESCRIPTION OF CULTIVARS IN PERFORMANCE TRIALS, 2004

### 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.
- 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 La Coop Federee. 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.
- Triple Crown - a white-hulled oat developed by Svalöf Weibull, from the cross NOSN/WW17187//Sirene/Sang/3/WW17734; distributed by La Coop Federee. Registered in 1997.
- Lafayette - tested as 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.
- Sherwood - tested as OA1019-1, a white-hulled oat developed by AAFC-Ottawa from the cross AC Aylmer/AC Goslin. Supported by OCCC for registration in 2002.
- Prescott - tested as 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 La Coop Federee. Supported for registration in 2002

- QO.685.43 - a white-hulled oat developed by McGill University; distributed by La Coop Federee. Supported for registration in 2002
- Jay - tested as 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 La Coop Federee. 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.
- OA1028-18 - an experimental line developed by AAFC-ECORC
- OA1036-9 - an experimental line developed by AAFC-ECORC
- OA1046-3 - an experimental line developed by AAFC-ECORC
- QO685.48 - an experimental line sponsored by la Coop Federee
- QO683.24 - an experimental line sponsored by la Coop Federee
- 98AS8.19 - an experimental line sponsored by la Coop Federee

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

## ONTARIO PERFORMANCE TRIAL: OATS 2004

### LOCATIONS REPORTING YIELD DATA IN EACH AREA FOR YEARS 2000 TO 2004

#### AREA II & IV:

2000: Winthrop, Elora, Palmerston  
2001: Centralia, Elora, Monkton  
2002: Centralia, Elora, Monkton, Palmerston  
2003: Centralia, Elora, Monkton, Harriston  
2004: Centralia, Elora, Monkton, Harriston

#### AREA III:

2000: Ottawa  
2001: Ottawa, Winchester  
2002: Ottawa, Winchester  
2003: Ottawa, Winchester  
2004: Ottawa, Winchester

#### AREA V & VI:

2000: Emo, Kapuskasing.  
2001: New Liskeard, Thunder Bay, Kapuskasing.  
2002: New Liskeard, Thunder Bay, Kapuskasing.  
2003: Thunder Bay  
2004: New Liskeard, Emo, Verner (unofficial)



OATS  
Relative Yields across Areas\* for 2000-2004

	Area II & IV cumulative					Area III cumulative					Area V & VI cumulative				
	5 yr 2000-04	4 yr 2001-04	3 yr 2002-04	2 yr 2003-04	1 yr 2004	5 yr 2000-04	4 yr 2001-04	3 yr 2002-04	2 yr 2003-04	1 yr 2004	5 yr 2000-04	4 yr 2001-04	3 yr 2002-04	2 yr 2003-04	1 yr 2004
1 AC Aylmer	101	100	98	99	90	101	99	97	92	83	105	106	105	108	109
2 AC Goslin	103	103	104	105	104	109	105	105	107	102			105	105	102
3 AC Rigodon	93	96	91	87	86	105	107	106	100	99	113	115	114	111	105
4 AC Stewart	95	94	93	90	89	103	101	101	100	101	101	101	102	100	98
5 Ida	100	99	98	96	96	103	100	100	100	99			96	96	99
6 Irish	106	104	104	104	103	107	105	106	106	106			99	99	103
7 OAC Markdale	99	98	97	95	98										
8 Manotick	111	108	109	111	108	112	107	110	109	111	98	96	94	94	94
9 OA1017-1			107	110	109			109	106	94			112	110	108
10 OA1019-1			112	113	110			119	120	119			108	107	107
11 OA1021-1			110	110	103			116	117	119			111	113	120
12 Jay				100	98										
13 OA1028-18					108					98					100
14 OA1036-9					109					113					106
15 OA1046-3					110					113					119
16 SW Exactor					119					119					
17 Navan	64	64	60	57	59	68	68	67	63	61	73	72	72	68	70
18 AC Ernie								47	55	54			65	73	68
19 Fjord								103	102	106			101	97	98
20 QO.685.43									104	106				105	92
21 QO.685.48										109					104
22 QO.683.24										95					93
23 98AS8.19										93					95
24 Triple Crown													109	105	110
Means t/ha	4.28	4.36	4.20	4.68	5.21	4.11	4.08	3.82	3.56	3.02	4.91	4.92	4.84	4.97	4.25
locations	18	15	12	8	4	9	8	6	4	2	11	9	6	3	2

**OATS**  
Mean Yields across Areas\* for 2004

Cultivar	II & IV (4)**			III (2)			V & VI (2)			PROVINCE*** (8)		
	t/ha	Relative	Rank	t/ha	Relative	Rank	t/ha	Relative	Rank	t/ha	Relative	Rank of Relative
1 AC Aylmer	4.69	89	14	2.55	83	19	4.63	109	5	4.14	93	12
2 AC Goslin	5.41	104	8	3.12	106	8	4.33	102	11	4.57	104	7
3 AC Rigodon	4.49	86	16	3.05	94	17	4.45	105	8	4.12	92	13
4 AC Stewart	4.64	88	15	3.08	104	11	4.17	98	14	4.13	95	11
5 Ida	5.00	96	12	3.03	96	15	4.21	100	12	4.31	97	10
6 Irish	5.37	103	9	3.25	104	12	4.35	103	10	4.59	103	8
7 OAC Markdale	5.08	97	11									
8 Manotick	5.61	107	7	3.39	113	6	3.96	94	17	4.65	105	6
9 OA1017-1	5.69	111	5	2.89	104	10	4.60	109	4	4.72	109	5
10 OA1019-1	5.74	111	4	3.65	121	2	4.54	107	6	4.92	112	3
11 OA1021-1	5.70	110	6	3.66	123	1	5.07	119	1	5.03	116	1
12 Jay	5.14	99	10									
13 OA1028-18	4.95	94	13	3.00	100	14	4.22	99	13	4.28	97	9
14 OA1036-9	5.81	113	3	3.46	115	4	4.49	106	7	4.89	112	4
15 OA1046-3	5.88	113	2	3.47	113	5	5.03	119	2	5.07	115	2
16 SW Exactor	6.21	120	1	3.64	118	3						
17 Navan <sup>1</sup>	3.09	59	17	1.87	58	20	2.97	70	20	2.75	61	14
18 AC Ernie <sup>1</sup>				1.64	49	21	2.88	68	21			
19 Fjord				3.24	101	13	4.15	98	15			
20 QO.685.43				3.25	106	9	3.88	92	19			
21 QO.685.48				3.33	108	7	4.41	104	9			
22 QO.683.24				2.93	95	16	3.93	93	18			
23 98AS8.19				2.85	87	18	4.03	95	16			
24 Triple Crown							4.67	110	3			
Means	5.21			3.07			4.24			3.94		

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

OATS  
TESTING AREA II & IV  
YIELD DATA, 2004

	Yield										rank of relative
	Centralia		Elora		Monkton		Harriston		Mean		
	t/ha	relative	t/ha	relative	t/ha	relative	t/ha	relative	t/ha	relative	
1 AC Aylmer	3.89	79	3.40	81	6.06	97	5.39	99	4.69	89	14
2 AC Goslin	5.41	110	4.62	110	6.50	104	5.13	94	5.41	104	8
3 AC Rigodon	5.21	106	2.92	69	5.45	87	4.38	80	4.49	86	16
4 AC Stewart	3.94	80	3.24	77	5.61	90	5.76	106	4.64	88	15
5 Ida	4.42	90	3.88	92	6.02	97	5.67	104	5.00	96	12
6 Irish	4.82	98	4.46	106	6.33	102	5.88	108	5.37	103	9
7 OAC Markdale	4.98	101	3.79	90	6.03	97	5.51	101	5.08	97	11
8 Manotick	4.96	101	4.18	99	7.47	120	5.84	107	5.61	107	7
9 OA1017-1	4.84	99	5.63	134	6.76	108	5.54	102	5.69	111	5
10 OA1019-1	5.36	109	5.15	122	7.09	114	5.36	98	5.74	111	4
11 OA1021-1	4.92	100	5.18	123	6.80	109	5.89	108	5.70	110	6
12 Jay	4.90	100	4.51	107	5.75	92	5.39	99	5.14	99	10
13 OA1028-18	5.26	107	3.20	76	6.19	99	5.16	94	4.95	94	13
14 OA1036-9	5.46	111	5.37	127	6.88	110	5.53	101	5.81	113	3
15 OA1046-3	5.53	113	5.03	119	7.31	117	5.67	104	5.88	113	2
16 SW Exactor	6.29	128	5.22	124	6.48	104	6.85	125	6.21	120	1
17 Navan	3.29	67	1.88	45	3.31	53	3.87	71	3.09	59	17
18 AC Ernie											
19 Fjord											
20 QO.685.43											
21 QO.685.48											
22 QO.683.24											
23 98AS8.19											
24 Triple Crown											
Mean	4.91		4.21		6.24		5.46		5.21		
CV	10.4		6.1		3.2		6.7				

OATS  
Testing Area 2 & 4  
Agronomic data, 2004

Cultivar	Yield rel (4)*	Test Wt kg/hl (4)	Kernel Wt g/1000 (4)	Height cm (2)	Lodging 0-9 (2)	Heading days (2)	Leaf Rust 0-9 (2)	Septoria 0-9 (1)
1 AC Aylmer	90	46.3	40.3	120	4.9	53.1	1.0	5.3
2 AC Goslin	104	45.1	39.8	112	4.4	54.4	0.0	5.3
3 AC Rigodon	86	43.2	36.6	124	4.5	61.5	4.5	4.3
4 AC Stewart	89	41.7	38.6	112	4.0	55.5	4.0	6.0
5 Ida	96	44.8	33.6	119	4.3	57.5	1.6	4.0
6 Irish	103	43.8	34.0	120	3.9	57.5	0.9	4.7
7 OAC Markdale	98	46.8	37.2	128	2.3	59.5	1.6	4.3
8 Manotick	108	41.8	40.1	118	4.0	56.3	0.2	5.0
9 OA1017-1	109	47.0	38.7	132	4.0	58.9	0.0	3.7
10 OA1019-1	110	45.9	42.1	112	2.2	54.9	0.0	5.7
11 OA1021-1	109	48.2	37.8	114	1.5	54.3	0.0	5.0
12 Jay	99	48.2	34.2	102	0.8	54.6	0.0	4.7
13 OA1028-18	95	44.6	35.6	113	3.0	54.5	0.0	4.7
14 OA1036-9	112	43.3	42.1	122	2.7	57.5	0.0	4.3
15 OA1046-3	113	44.5	38.3	123	2.8	56.4	0.0	5.0
16 SW Exactor	119	44.6	35.5	128	0.3	64.5	0.8	3.3
17 Navan	59	56.7	28.4	125	1.0	61.6	2.8	5.3
18 AC Ernie								
19 Fjord								
20 QO.685.43								
21 QO.685.48								
22 QO.683.24								
23 98AS8.19								
24 Triple Crown								
Means		45.7	37.2	119	3.0	57.2	1.0	4.7

\* number of locations

OATS  
TESTING AREA III  
YIELD DATA, 2004

	Yield						rank of relative
	Winchester		Ottawa		Mean		
	t/ha	relative	t/ha	relative	t/ha	relative	
1 AC Aylmer	3.96	83	1.14	83	2.55	83	19
2 AC Goslin	4.68	98	1.57	114	3.12	106	8
3 AC Rigodon	4.95	104	1.14	84	3.05	94	17
4 AC Stewart	4.67	98	1.50	109	3.08	104	11
5 Ida	4.81	101	1.25	91	3.03	96	15
6 Irish	5.14	108	1.36	99	3.25	104	12
7 OAC Markdale							
8 Manotick	5.18	109	1.61	117	3.39	113	6
9 OA1017-1	4.12	87	1.67	122	2.89	104	10
10 OA1019-1	5.59	117	1.71	125	3.65	121	2
11 OA1021-1	5.55	117	1.77	130	3.66	123	1
12 Jay							
13 OA1028-18	4.57	96	1.42	104	3.00	100	14
14 OA1036-9	5.28	111	1.64	120	3.46	115	4
15 OA1046-3	5.39	113	1.55	114	3.47	113	5
16 SW Exactor	5.69	120	1.59	117	3.64	118	3
17 Navan	3.02	63	0.71	52	1.87	58	20
18 AC Ernie	2.71	57	0.58	42	1.64	49	21
19 Fjord	5.21	109	1.27	93	3.24	101	13
20 QO.685.43	5.05	106	1.45	106	3.25	106	9
21 QO.685.48	5.2	109	1.46	107	3.33	108	7
22 QO.683.24	4.55	96	1.30	95	2.93	95	16
23 98AS8.19	4.66	98	1.04	76	2.85	87	18
24 Triple Crown							
Mean	4.76		1.37		3.07		
CV	10.0		8.9				

OATS  
Testing Area III  
Agronomic data, 2004

Cultivar	Yield rel (2)*	Test Wt kg/hl (2)	Kernel Wt g/1000 (2)	Height cm (2)	Lodging 0-9 (1)	Heading days (2)	Leaf Rust 0-9 (2)
1 AC Aylmer	83	52.3	41.7	97.8	8.3	55.2	5.7
2 AC Goslin	102	49.1	41.9	92.2	3.5	56.8	0.5
3 AC Rigodon	99	52.7	39.9	108.5	6.8	59.4	4.0
4 AC Stewart	100	48.4	41.3	90.0	5.3	56.4	3.7
5 Ida	99	52.1	37.4	98.2	2.3	57.5	1.8
6 Irish	106	51.0	38.9	94.4	2.0	56.2	1.7
7 OAC Markdale							
8 Manotick	111	47.2	44.0	93.5	3.8	56.3	0.8
9 OA1017-1	94	53.5	40.5	111.0	6.5	57.7	0.3
10 OA1019-1	119	51.1	42.9	92.2	2.8	55.9	0.0
11 OA1021-1	119	51.9	38.9	96.3	2.8	55.3	0.2
12 Jay							
13 OA1028-18	98	49.6	38.0	91.3	6.0	55.5	2.7
14 OA1036-9	113	46.7	44.1	101.3	2.0	56.9	0.8
15 OA1046-3	113	47.9	41.5	98.2	4.0	56.0	0.3
16 SW Exactor	119	50.5	39.1	104.4	1.5	61.2	1.0
17 Navan	61	58.1	32.8	106.6	2.3	59.5	3.4
18 AC Ernie	54	59.4	29.4	102.2	1.5	61.2	4.4
19 Fjord	106	49.7	42.0	101.0	3.8	56.3	1.8
20 QO.685.43	106	50.7	42.3	109.7	7.8	58.2	3.3
21 QO.685.48	108	49.6	42.9	106.6	3.8	59.8	2.0
22 QO.683.24	95	47.6	39.9	115.7	8.3	60.2	4.7
23 98AS8.19	93	53.4	39.5	111.9	8.3	58.5	4.7
24 Triple Crown							
Means		51.1	39.9	101	4.4	57.6	2.2

\* number of locations

OATS  
TESTING AREA V & VI  
YIELD DATA, 2004

	Yield						rank of relative
	New Liskeard		Emo		Mean		
	t/ha	relative	t/ha	relative	t/ha	relative	
1 AC Aylmer	5.44	125	3.82	93	4.63	109	5
2 AC Goslin	4.54	105	4.11	99	4.33	102	11
3 AC Rigodon	5.11	118	3.78	91	4.45	105	8
4 AC Stewart	4.29	99	4.04	98	4.17	98	14
5 Ida	4.14	95	4.29	104	4.21	100	12
6 Irish	4.43	102	4.28	104	4.35	103	10
7 OAC Markdale							
8 Manotick	3.88	89	4.05	98	3.96	94	17
9 OA1017-1	4.00	92	5.19	126	4.60	109	4
10 OA1019-1	4.78	110	4.30	104	4.54	107	6
11 OA1021-1	5.61	129	4.52	109	5.07	119	1
12 Jay							
13 OA1028-18	4.50	104	3.94	95	4.22	99	13
14 OA1036-9	4.08	94	4.90	119	4.49	106	7
15 OA1046-3	5.07	117	4.99	121	5.03	119	2
16 SW Exactor							
17 Navan	2.85	66	3.09	75	2.97	70	20
18 AC Ernie	2.75	63	3.02	73	2.88	68	21
19 Fjord	4.40	101	3.91	95	4.15	98	15
20 QO.685.43	3.46	80	4.29	104	3.88	92	19
21 QO.685.48	4.21	97	4.61	112	4.41	104	9
22 QO.683.24	4.42	102	3.44	83	3.93	93	18
23 98AS8.19	4.17	96	3.88	94	4.03	95	16
24 Triple Crown	5.06	116	4.28	104	4.67	110	3
Mean	4.34		4.13		4.24		
CV	13.9		14.1				

OATS  
Testing Area 5 & 6  
Agronomic data, 2004

Cultivar	Yield rel (2)*	Test Wt kg/hl (2)	Kernel Wt g/1000 (2)	Height cm (2)	Lodging 0-9 (2)	Heading days (2)	Maturity days (2)
1 AC Aylmer	109	46.8	39.6	105.0	1.9	58.4	107.4
2 AC Goslin	102	44.3	36.7	99.9	1.9	62.7	113.0
3 AC Rigodon	105	47.4	37.4	103.8	1.8	63.7	112.8
4 AC Stewart	98	44.3	37.7	93.9	0.8	61.4	107.0
5 Ida	99	46.8	30.1	100.9	1.7	63.9	109.5
6 Irish	103	45.5	31.4	93.2	1.4	64.4	113.2
7 OAC Markdale							
8 Manotick	94	44.3	35.9	95.0	1.8	61.2	107.3
9 OA1017-1	109	46.8	34.0	114.8	2.0	62.3	108.5
10 OA1019-1	107	44.9	37.4	96.4	1.5	62.4	113.3
11 OA1021-1	120	47.4	32.4	95.2	1.3	60.9	108.0
12 Jay							
13 OA1028-18	100	43.7	34.2	99.0	1.4	63.0	108.4
14 OA1036-9	106	43.7	37.1	100.5	1.7	62.3	114.7
15 OA1046-3	119	45.5	36.0	98.4	1.9	60.3	108.2
16 SW Exactor							
17 Navan	70	55.5	34.6	104.4	1.9	64.4	113.5
18 AC Ernie	68	56.8	27.3	102.2	0.9	65.8	113.7
19 Fjord	98	46.8	33.3	109.0	1.3	60.4	108.8
20 QO.685.43	92	47.4	36.4	104.3	1.7	64.0	114.0
21 QO.685.48	104	47.4	37.4	103.4	1.9	63.8	114.0
22 QO.683.24	93	44.3	31.5	114.7	1.7	65.0	113.9
23 98AS8.19	95	48.6	30.0	114.4	1.7	64.5	107.8
24 Triple Crown	110	46.2	35.0	110.3	1.3	66.5	113.5
Means		46.8	34.5	103	1.6	62.9	111.0

\* number of locations



Centralia

Cultivar	t/ha	Yield relative	Test Wt kg/hl	Kernel Wt g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Leaf Rust 0-9
1 AC Aylmer	3.89	79	52.3	48.1					
2 AC Goslin	5.41	110	47.6	45.9					
3 AC Rigodon	5.21	106	49.3	42.2					
4 AC Stewart	3.94	80	45.7	46.4					
5 Ida	4.42	90	48.1	38.2					
6 Irish	4.82	98	45.6	38.8					
7 OAC Markda	4.98	101	48.2	43.8					
8 Manotick	4.96	101	41.8	47.2					
9 OA1017-1	4.84	99	50.0	44.4					
10 OA1019-1	5.36	109	48.6	46.2					
11 OA1021-1	4.92	100	49.6	40.8					
12 Jay	4.90	100	51.6	36.6					
13 OA1028-18	5.26	107	49.4	43.2					
14 OA1036-9	5.46	111	44.8	46.8					
15 OA1046-3	5.53	113	48.1	42.9					
16 SW Exactor	6.29	128	46.2	39.0					
17 Navan	3.29	67	57.1	32.8					
18 AC Ernie									
19 Fjord									
20 QO.685.43									
21 QO.685.48									
22 QO.683.24									
23 98AS8.19									
24 Triple Crown									
Means	4.91		48.5	43					

Elora

Cultivar	Yield t/ha	Yield relative	Test Wt kg/hl	Kernel W g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Leaf Rust 0-9
1 AC Aylmer	3.40	81	41.6	33.0					
2 AC Goslin	4.62	110	47.1	36.4					
3 AC Rigodon	2.92	69	38.9	31.2					
4 AC Stewart	3.24	77	39.1	32.4					
5 Ida	3.88	92	44.1	33.2					
6 Irish	4.46	106	44.5	31.8					
7 OAC Markdale	3.79	90	46.5	35.6					
8 Manotick	4.18	99	42.4	37.2					
9 OA1017-1	5.63	134	47.0	37.6					
10 OA1019-1	5.15	122	46.5	39.8					
11 OA1021-1	5.18	123	49.6	36.8					
12 Jay	4.51	107	48.9	34.0					
13 OA1028-18	3.20	76	40.1	29.6					
14 OA1036-9	5.37	127	44.5	40.6					
15 OA1046-3	5.03	119	45.5	38.4					
16 SW Exactor	5.22	124	43.9	35.0					
17 Navan	1.88	45	54.1	21.0					
18 AC Ernie									
19 Fjord									
20 QO.685.43									
21 QO.685.48									
22 QO.683.24									
23 98AS8.19									
24 Triple Crown									
Means	4.21		45.0	34.3					

Monkton

Cultivar	Yield t/ha	Yield relative	Test Wt kg/hl	Kernel Wt g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Leaf Rust 0-9
1 AC Aylmer	6.06	97	40.0	36.5	116.0	8.0	48.3		1.0
2 AC Goslin	6.50	104	38.6	35.0	112.0	8.5	49.5		0.0
3 AC Rigodon	5.45	87	34.6	28.5	128.5	8.0	54.8		4.3
4 AC Stewart	5.61	90	35.9	35.0	110.5	8.0	50.3		4.3
5 Ida	6.02	97	38.1	26.5	123.5	8.0	51.3		2.3
6 Irish	6.33	102	38.6	28.5	124.0	7.5	51.0		1.0
7 OAC Markdale	6.03	97	43.7	32.0	130.0	4.5	53.3		1.5
8 Manotick	7.47	120	37.9	36.0	114.0	8.0	50.3		0.0
9 OA1017-1	6.76	108	40.7	32.5	137.0	6.5	52.5		0.0
10 OA1019-1	7.09	114	41.5	37.0	108.5	4.0	50.0		0.0
11 OA1021-1	6.80	109	43.7	32.5	113.5	3.0	49.5		0.0
12 Jay	5.75	92	43.4	29.5	99.5	1.5	49.3		0.0
13 OA1028-18	6.19	99	40.1	31.0	109.0	6.0	49.3		0.0
14 OA1036-9	6.88	110	37.2	38.0	120.0	4.0	50.8		0.0
15 OA1046-3	7.31	117	38.6	33.5	125.5	5.5	51.0		0.0
16 SW Exactor	6.48	104	39.2	29.0	133.0	0.5	57.0		0.5
17 Navan	3.31	53	53.7	26.5	123.5	2.0	55.3		3.5
18 AC Ernie									
19 Fjord									
20 QO.685.43									
21 QO.685.48									
22 QO.683.24									
23 98AS8.19									
24 Triple Crown									
Means	6.24		40.3	32.2	119.3	5.5	51.4		1.1

## Harriston

Cultivar	Yield t/ha	Yield relative	Test Wt kg/hl	Kernel Wt g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Leaf Rust 0-9	Septoria 0-9
1 AC Aylmer	5.39	99	51.2	43.7	124	1.8	58		1.0	5.3
2 AC Goslin	5.13	94	47.0	41.7	111	0.3	59		0.0	5.3
3 AC Rigodon	4.38	80	49.9	44.4	120	1.0	68		4.7	4.3
4 AC Stewart	5.76	106	45.9	40.5	114	0.0	61		3.7	6.0
5 Ida	5.67	104	48.9	36.4	114	0.5	64		1.0	4.0
6 Irish	5.88	108	46.4	36.8	115	0.3	64		0.7	4.7
7 OAC Markdale	5.51	101	48.9	37.3	127	0.0	66		1.7	4.3
8 Manotick	5.84	107	44.9	40.0	123	0.0	62		0.3	5.0
9 OA1017-1	5.54	102	50.3	40.1	128	1.5	65		0.0	3.7
10 OA1019-1	5.36	98	47.1	45.4	115	0.3	60		0.0	5.7
11 OA1021-1	5.89	108	49.8	41.1	114	0.0	59		0.0	5.0
12 Jay	5.39	99	49.1	36.8	105	0.0	60		0.0	4.7
13 OA1028-18	5.16	94	49.0	38.6	118	0.0	60		0.0	4.7
14 OA1036-9	5.53	101	46.6	42.8	124	1.3	64		0.0	4.3
15 OA1046-3	5.67	104	46.0	38.3	121	0.0	62		0.0	5.0
16 SW Exactor	6.85	125	49.1	39.1	123	0.0	72		1.0	3.3
17 Navan	3.87	71	61.9	33.1	126	0.0	68		2.0	5.3
18 AC Ernie										
19 Fjord										
20 QO.685.43										
21 QO.685.48										
22 QO.683.24										
23 98AS8.19										
24 Triple Crown										
Means	5.46		48.9	40						

## Winchester

Cultivar	Yield t/ha	Yield relative	Test Wt kg/hl	Kernel Wt g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Leaf Rust 0-9
1 AC Aylmer	3.96	83	49.1	40.4	91	8.3	47.3		8.3
2 AC Goslin	4.68	98	46.8	37.8	84	3.5	48.5		0.0
3 AC Rigodon	4.95	104	49.1	36.8	107	6.8	52.8		5.0
4 AC Stewart	4.67	98	44.9	37.6	85	5.3	48.8		3.3
5 Ida	4.81	101	49.2	33.8	91	2.3	50.0		2.5
6 Irish	5.14	108	47.8	35.8	89	2.0	49.3		1.3
7 OAC Markdale									
8 Manotick	5.18	109	44.7	41	86.9	3.8	48.5		0.5
9 OA1017-1	4.12	86	51.2	38.0	107	6.5	51.3		0.5
10 OA1019-1	5.59	117	48.9	40.8	84	2.8	47.8		0.0
11 OA1021-1	5.55	116	49.8	35.8	88	2.8	47.5		0.3
12 Jay									
13 OA1028-18	4.57	96	47.5	35.0	83	6.0	48.0		3.3
14 OA1036-9	5.28	111	44.1	41.2	93	2.0	48.8		1.5
15 OA1046-3	5.39	113	47.0	39.0	96	4.0	50.0		0.5
16 SW Exactor	5.69	119	49.6	36.1	104	1.5	55.3		1.0
17 Navan	3.02	63	60.5	28.6	103	2.3	53.0		3.8
18 AC Ernie	2.71	57	63.6	26.8	99	1.5	55.3		5.8
19 Fjord	5.18	109	44.7	41.0	87	3.8	48.5		0.5
20 QO.685.43	5.21	109	51.3	38.5	104	7.8	51.3		3.5
21 QO.685.48	5.2	109	47.5	41.8	103	3.8	53.5		3.0
22 QO.683.24	4.55	95	44.5	34.8	111	8.3	54.3		6.3
23 98AS8.19	4.66	98	51.6	36.9	109	8.3	52.0		6.3
24 Triple Crown									
Means	4.77		49.2	37.0	95.5	4.4	50.6		2.7

## Ottawa

Cultivar	t/ha	Yield relative	Test Wt kg/hl	Kernel W g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Leaf Rust 0-9
1 AC Aylmer	1.14	87	55.5	43	105		63		3
2 AC Goslin	1.57	120	51.3	46	100		65		1
3 AC Rigodon	1.14	88	56.2	43	110		66		3
4 AC Stewart	1.50	115	51.9	45	95		64		4
5 Ida	1.25	96	55.0	41	105		65		1
6 Irish	1.36	104	54.1	42	100		63		2
7 OAC Markdale									
8 Manotick	1.61	123	49.7	47	100		64		1
9 OA1017-1	1.67	128	55.8	43	115		64		0
10 OA1019-1	1.71	131	53.3	45	100		64		0
	0.00	0							
11 OA1021-1	1.77	136	54.0	42	105		63		0
12 Jay									
13 OA1028-18	1.42	109	51.6	41	100		63		2
14 OA1036-9	1.64	125	49.2	47	110		65		0
15 OA1046-3	1.55	119	48.7	44	100		62		0
16 SW Exactor	1.59	122	51.4	42	105		67		1
17 Navan	0.71	54	55.7	37	110		66		3
18 AC Ernie	0.58	44	55.2	32	105		67		3
19 Fjord	1.27	97	54.7	43	115		64		3
20 QO.685.43	1.45	111	50.1	46	115		65		3
21 QO.685.48	1.46	112	51.6	44	110		66		1
22 QO.683.24	1.30	100	50.6	45	120		66		3
23 98AS8.19	1.04	80	55.2	42	115		65		3
24 Triple Crown									
Means	1.31		52.9	42.9	106.7		64.6		1.8

New Liskeard

Cultivar	Yield t/ha	Yield relative	Test Wt kg/hl	Kernel W g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Leaf Rust 0-9
1 AC Aylmer	5.44	125	46.1	39.4	113	2	56	105	
2 AC Goslin	4.54	105	44.9	37.4	104	4	59	108	
3 AC Rigodon	5.11	118	47.4	36.6	113	4	59	109	
4 AC Stewart	4.29	99	42.4	38.8	99	2	60	104	
5 Ida	4.14	95	46.1	30.0	102	3	62	109	
6 Irish	4.43	102	44.9	30.9	100	2	63	107	
7 OAC Markdale									
8 Manotick	3.88	89	42.4	36.7	100	4	59	105	
9 OA1017-1	4.00	92	46.1	33.1	120	2	59	107	
10 OA1019-1	4.78	110	42.4	37.4	104	3	59	110	
11 OA1021-1	5.61	129	47.4	33.9	98	2	59	106	
12 Jay									
13 OA1028-18	4.50	104	42.4	33.0	101	3	60	107	
14 OA1036-9	4.08	94	42.4	35.8	105	3	59	110	
15 OA1046-3	5.07	117	43.6	34.2	104	4	58	106	
16 SW Exactor									
17 Navan	2.85	66	54.9	30.8	114	3	61	108	
18 AC Ernie	2.75	63	53.6	26.7	105	2	64	110	
19 Fjord	4.40	101	47.4	33.8	116	3	58	108	
20 QO.685.43	3.46	80	44.9	35.6	108	3	62	109	
21 QO.685.48	4.21	97	44.9	35.9	115	3	62	109	
22 QO.683.24	4.42	102	43.6	32.6	117	3	62	109	
23 98AS8.19	4.17	96	46.1	24.1	124	2	63	106	
24 Triple Crown	5.06	116	44.9	35.2	111	3	65	110	
Means	4.34		45.7	33.9	108.1	2.7	60.3	107.6	

## Emo

Cultivar	t/ha	Yield relative	Test Wt kg/hl	Kernel W g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Leaf Rust 0-9
1 AC Aylmer	3.82	93	47.4	39.7	97	2	61	110	
2 AC Goslin	4.11	99	43.6	35.9	96	0	66	118	
3 AC Rigodon	3.78	91	47.4	38.1	95	0	68	117	
4 AC Stewart	4.04	98	46.1	36.6	89	0	63	110	
5 Ida	4.29	104	47.4	30.2	100	0	66	110	
6 Irish	4.28	104	46.1	31.8	86	1	66	119	
7 OAC Markdale									
8 Manotick	4.05	98	46.1	35	90	0	63	110	
9 OA1017-1	5.19	126	47.4	34.8	110	2	66	110	
10 OA1019-1	4.30	104	47.4	37.4	89	0	66	117	
11 OA1021-1	4.52	109	47.4	30.9	92	1	63	110	
12 Jay									
13 OA1028-18	3.94	95	44.9	35.4	97	0	66	110	
14 OA1036-9	4.90	119	44.9	38.3	96	0	66	119	
15 OA1046-3	4.99	121	47.4	37.8	93	0	63	110	
16 SW Exactor									
17 Navan	3.09	75	56.1	38.4	95	1	68	119	
18 AC Ernie	3.02	73	59.9	27.8	99	0	68	117	
19 Fjord	3.91	95	46.1	32.7	102	0	63	110	
20 QO.685.43	4.29	104	49.9	37.2	101	0	66	119	
21 QO.685.48	4.61	112	49.9	38.8	92	1	66	119	
22 QO.683.24	3.44	83	44.9	30.4	112	0	68	119	
23 98AS8.19	3.88	94	51.1	35.9	105	1	66	110	
24 Triple Crown	4.28	104	47.4	34.8	110	0	68	117	
Means	4.13		48.0	35.1	97.4	0.4	65.5	114.3	



Verner

Cultivar	Yield t/ha	Yield relative	Test Wt kg/hl	Kernel Wt g/1000	Height cm	Lodging 0-9	Heading days	Maturity days	Leaf Rust 0-9
1 AC Aylmer	3.75	94	44.9	39.8	76				
2 AC Goslin	4.03	101	44.9	39.3	75				
3 AC Rigodon	4.27	106	49.9	42.5	86				
4 AC Stewart	3.68	92	44.9	41.3	74				
5 Ida	3.59	90	46.1	34.4	77				
6 Irish	3.67	92	46.1	34.1	75				
7 OAC Markdale									
8 Manotick	4.03	101	43.6	40.8	77				
9 OA1017-1	3.97	99	46.1	38.6	86				
10 OA1019-1	4.24	106	46.1	40.9	80				
11 OA1021-1	4.18	104	47.4	36.1	72				
12 Jay									
13 OA1028-18	4.18	104	44.9	39.3	73				
14 OA1036-9	4.79	120	42.4	39.5	79				
15 OA1046-3	4.74	118	46.1	38.0	79				
16 SW Exactor									
17 Navan	2.58	64	57.4	31.2	79				
18 AC Ernie	3.00	75	57.4	32.1	78				
19 Fjord	4.20	105	46.1	36.6	91				
20 QO.685.43	4.62	115	46.1	39.2	80				
21 QO.685.48	4.00	100	44.9	40.8	83				
22 QO.683.24	3.68	92	42.4	35.7	83				
23 98AS8.19	3.91	97	48.6	37.5	88				
24 Triple Crown	5.03	126	44.9	38.7	75				
Means	4.01		46.7	37.9	79.3				

## CO-OPERATORS AND LOCATIONS OF PERFORMANCE TRIALS, 2004

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			X	
II & IV	Oxford	WK = Plant Agriculture Department, OAC, Woodstock, ON.			X <sup>1</sup>	
	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	
	Lennox Addington	BH = Mike MacKinnon, Bath, ON (E.C.O.R.C.)	X	X	X <sup>1</sup>	X
III	Grenville	KE = Kemptville College, Kemptville, ON.			X	
	Carleton	O1 = Agriculture & Agri-Food Canada, (E.C.O.R.C.) Ottawa, ON.	X	X	X <sup>2</sup>	X
	Dundas	WR = Kemptville College, Winchester Research Sta., Winchester,	X	X		X
	Prescott-Russel	SI = Marc Bercier, St. Isidore (E.C.O.R.C., Ottawa)				X <sup>1</sup>
V & VI	Temiskaming	NL = New Liskeard Agricultural Research Station, New Liskeard,	X	X		X
	Thunder Bay	Thunder Bay Agricultural Research Station, Thunder Bay, ON				X <sup>3</sup>
	Nipissing District	Verner Test Site, Verner, Ont. (New Liskeard Agr. Res. Sta.)	X <sup>1</sup>	X <sup>3</sup>		X <sup>1</sup>
	Rainy River	EO = Emo Agricultural Research Station, Emo, ON	X <sup>1</sup>	X		X <sup>1</sup>

<sup>1</sup> Unofficial site, data used in summary. <sup>2</sup> Official site, data not used due to trial failure. <sup>3</sup> Unofficial site, data not used in summary.