

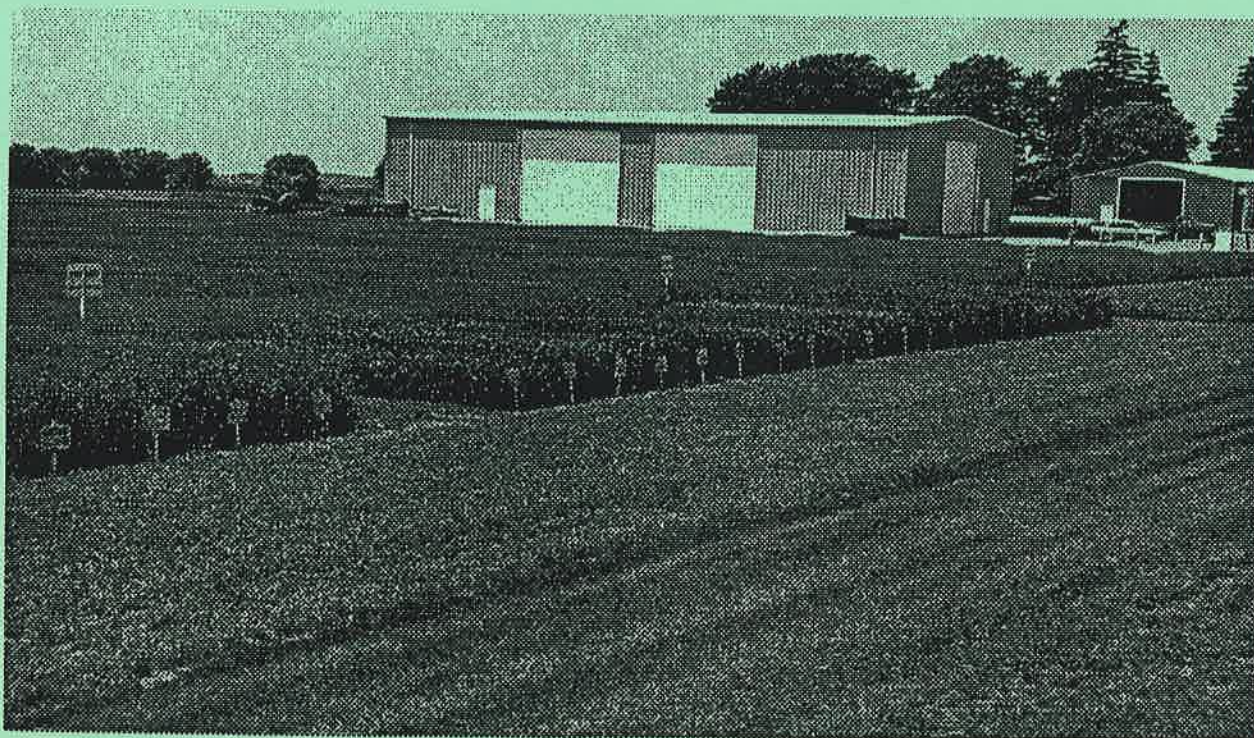
Department of Crop Science

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1997 Progress Report

BARLEY, OATS AND WHEAT

ONTARIO PERFORMANCE TRIALS



D.E. Falk, L.A. Hunt, G. Meatherall, Z. Szlavnic



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

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

INTRODUCTION

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

SPRING CEREALS

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

Spring Barley. The early conditions were generally cool and wet with late planting being normal. The season never really warmed up although it was not too wet as the previous year. Powdery mildew and leaf rust were absent or at low levels. Barley yellow dwarf virus (BYDV) was almost non-existent in 1997.

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

Spring Wheat. Yield data were obtained from six locations in 1997, three from Area II, two from Area III and one from Area V. The overall average yield for Area II was 3.46 t/ha, for Area III it was 4.08 t/ha and in Area V, New Liskeard, the only location growing the trial, reported an average yield of 3.56 t/ha.

Spring Durum Wheat. There were no durum wheats tested in the Ontario Performance Trial this past year. Data for the 1997 durum wheat Western Registration Trial grown at the Elora Research Station are presented in this report.

WINTER CEREALS

Winter Barley. No official Performance Tests of winter barley were grown in 1996/97.

Fall Pastry and Non-Pastry Wheat. There were twenty-nine entries planted at nine locations across the Province during the 1996-97 growing season. Of these entries thirteen were soft white, eight were soft red, seven were hard red and one was a specialty red wheat. The data for AC Cartier were removed from the report due to poor germination. Due to the severe winter only eight out of the nine trials planted reported yield data. The overall average yield in Area I was 5.44 t/ha, in Area II it was 5.70 t/ha and the overall provincial average was 5.59 t/ha. The only Area III location reporting data was Kemptville, however the data could not be used in the summaries due to missing entries caused by the late arrival of seed.

GROWING CONDITIONS

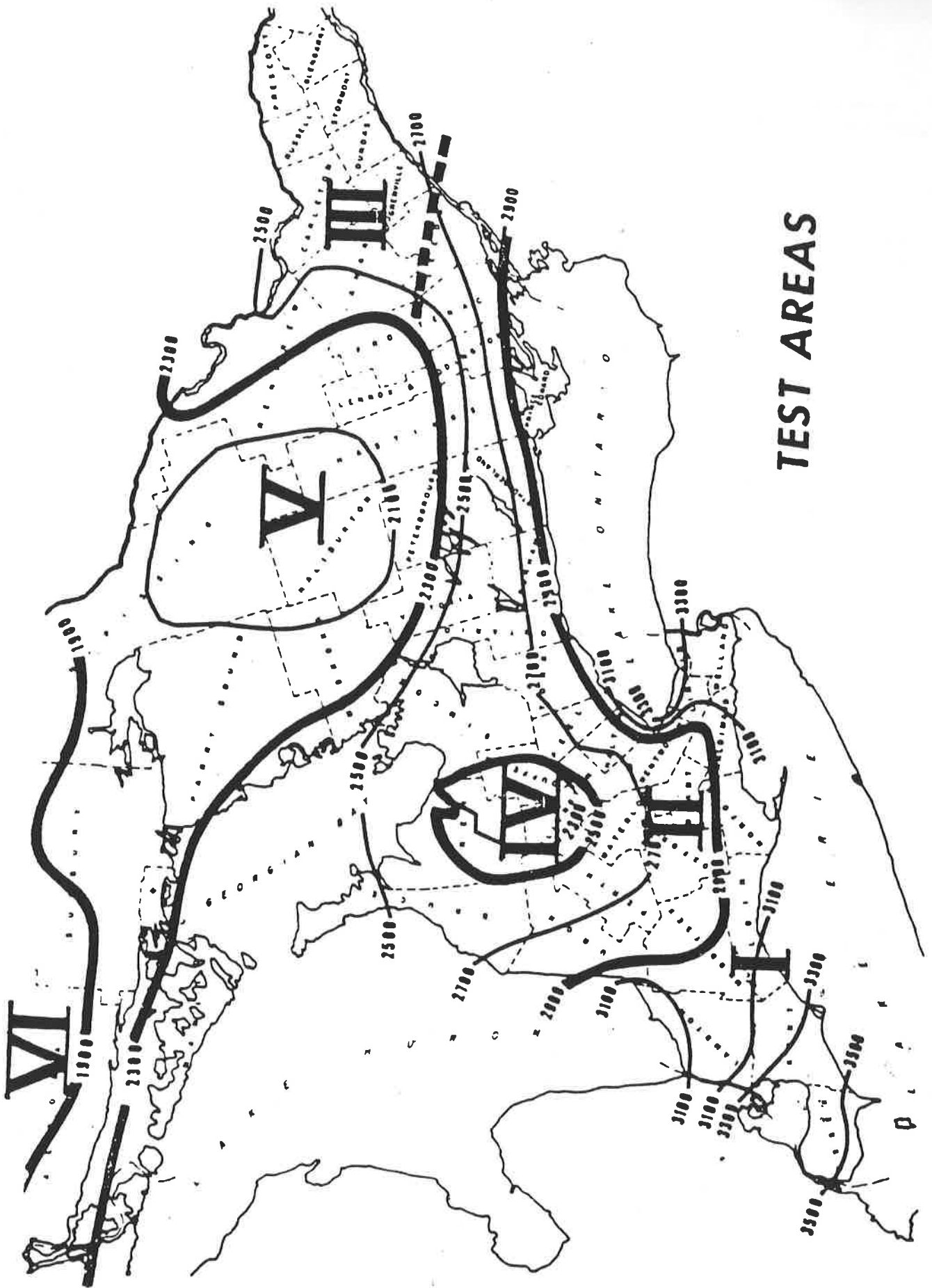
Spring sowing conditions were generally wet and cold for most spring cereals. After a fairly cool and wet spring, the remainder of the growing season continued cool but much drier. June and July were below average temperature and rainfall. August was warmer with most cereal crops harvested around the normal dates. Yields tended to be below average to above average, and the overall quality was generally above average. Although planting dates varied widely, depending on local conditions, and flowering dates were generally late, harvest was generally on time.

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 1997 tests and the average performance of cultivars over the past several years are published in this report. The long term averages of Performance Trials are reported to assist farmers in making variety selection decisions.

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



TEST AREAS

DESCRIPTION OF CULTIVARS IN PERFORMANCE TRIALS, 1997

BARLEY

- AC Sirius - a two-rowed barley developed by AAFC from the cross AB53-4/Rodeo//OB440/Rodeo. Registered in 1993, distributed by Belcan AgroCentre.
- AC Sterling (AB 128-5) - a two-rowed, rough awned barley developed by Agriculture Canada, Charlottetown from the cross Micmac/K75-10/2/Rodeo. Registered in 1993 (Regional), distributed by SeCan.
- Belmore (T103-69) - a rough awned, two-rowed barley developed and distributed by W.G. Thompson & Sons Ltd. from a cross of Winthrop/Lester. Registered in 1996 (Regional).
- Breslau (TO90-017) - a two-rowed barley developed via the doubled haploid procedure by W.G. Thompson from the cross E647/Morrison. Registered in 1997, distributed by W.G. Thompson & Sons Ltd.
- CDC Fleet - a two-rowed barley developed by the Crop Development Centre, Saskatoon. Registered in 1996, distributed by W.G. Thompson & Sons Ltd.
- Lester (TBR 579-5) - a two-rowed, rough awned barley developed and distributed by W.G. Thompson & Sons Ltd. from the cross UPBS60/UPBS66//Rodeo. Registered in 1990. (Regional)
- Morrison - a two-rowed, rough awned, barley developed by Agriculture Canada, Ottawa from the cross Rodeo/Gitane. Registered in 1989, distributed by SeCan.
- Sunderland (TO86-156) - a two-rowed barley developed via the doubled haploid procedure by W.G. Thompson from the cross Lester/TBR635-2. Registered in 1997. (Regional), distributed by W.G. Thompson & Sons Ltd.
- Viking (CM90522) - a rough awned, two-rowed barley introduced and distributed by C & M Seeds. Registered in 1995. (Regional)
- AB 159-2 - a two-rowed barley developed by Agriculture Canada, Charlottetown from the cross Iona/AB79-17). Supported for registration by OCCC in 1997.
- AB 159-10 - a two-rowed barley developed by Agriculture Canada, Charlottetown from the cross Iona/AB79-17). Supported for registration by OCCC in 1997.
- CM 94534 - a two-rowed barley developed by Dr. Peter Franck from a complex cross; tested by C & M Seeds. Supported for registration by OCCC in 1997.
- DB 192 - a two-rowed barley developed by Agriculture Canada, Charlottetown via a doubled haploid from the cross Morrison/AB94-11. Supported for registration by the OCCC in 1997.
- DB 202 - a two-rowed barley developed by Agriculture Canada, Charlottetown via a doubled haploid from the cross Morrison/AB94-11. Supported for registration by the OCCC in 1997.
- T186-1 - a two-rowed barley developed by Agriculture Canada, Ottawa from the cross Morrison/AB94-11. Supported for registration by the OCCC in 1997.
- AC Alma (AB 151) - a six-rowed barley developed by Agriculture Canada Charlottetown from a cross of Chapais/Leger. Registered in 1996, distributed by Advantage Seeds Inc.

- AC Buffalo (BT 374) - a six-rowed barley developed by Agriculture Canada, Brandon from a cross of BT364\M44/msg6CC32. Registered in 1994 (Interim), distributed by W.G. Thompson & Sons Ltd.
- AC Hamilton (OB967-34) - a six-rowed smooth awned barley developed by Agriculture Canada, Ottawa from the cross Leger/OAC Kippen. Registered in 1994, distributed by SeCan.
- AC Nadia (QB 232.7) - a six-rowed smooth awned barley developed by Agriculture Canada, Ste-Foy, from the cross Leger/QB173.26. Registered in 1993, distributed by Semican Atlantic Inc.
- AC Stephen (OB 956-13) - a six-rowed smooth awned barley developed by Agriculture Canada, Ottawa from the cross OAC Kippen/Leger. Registered in 1992, distributed by SeCan
- ACCA (QB813.2) - a six-rowed barley developed by the University of Laval from the cross QB730.2/UL0072//Leger. Registered in 1996, distributed by Belcan AgroCentre.
- Brucefield (OS93-709) - a six-rowed barley developed by Semico from the cross Maskat/Chapais, tested and distributed by W.G. Thompson & Sons Ltd. Registered in 1997.
- Chapais - a six-rowed, rough awned, barley developed by Agriculture Canada, Ste. Foy from the cross QB58.14/Beacon//BT904. Registered in 1988, distributed by SeCan.
- Foster - a six-rowed barley developed by North Dakota State University. Interim Registration in 1997, distributed by C & M Seeds.
- Grant - a six-rowed barley developed and distributed by W.G. Thompson & Sons Ltd. Registered in 1996.
- Kasota - a six-rowed barley developed by Alberta Agriculture, Lacombe. Registered in 1995, distributed by SeCan.
- Leger - a six-rowed, smooth awned, barley developed by the Agriculture Canada, Ottawa from the cross Trent/Vanier. Registered in 1982, distributed by SeCan.
- Myriam (OS88-10.23) - a six-rowed smooth awned barley sponsored by Semico from the cross OB 339-1/Bedford. Registered in 1994, distributed by W.G. Thompson & Sons Ltd.
- OAC Kippen - a six-rowed, semi-rough awned, barley developed by OAC, University of Guelph from a cross of OB141-1/Perth. Registered in 1987, distributed by SeCan.
- Sandrine (TBC 57-40) - a six-rowed smooth awned barley developed and distributed by W.G. Thompson & Sons Ltd. from the cross Mingo/OB 339-1//QB 203-4. Registered in 1994. (Regional)
- Stander - a six-rowed white aleurone, malting barley developed by the University of Minnesota. Interim Registration, distributed by W.G. Thompson & Sons Ltd.
- B1602 - a six-rowed, white aleurone malting barley developed by Busch Agri-Research Inc. Distributed by W.G. Thompson & Sons Ltd.

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1997

| Cultivar | II & IV (4)** | | III (1) | | V & VI (2) | | PROVINCE *** (7) | | |
|-------------|---------------|------|---------|------|------------|------|------------------|-------|------|
| | t/ha | RANK | t/ha | RANK | t/ha | RANK | t/ha | lbs/a | bu/a |
| AC Sirius | - | - | 2.19 | 26 | 6.15 | 22 | - | - | - |
| AC Sterling | 3.87 | 13 | 2.37 | 21 | 5.56 | 27 | 4.14 | 3695 | 77.0 |
| Belmore | 3.98 | 6 | 2.31 | 25 | 6.20 | 18 | 4.38 | 3907 | 81.4 |
| Breslau | 3.92 | 11 | 2.67 | 5 | 5.91 | 25 | 4.31 | 3848 | 80.2 |
| CDC Fleet | - | - | - | - | 4.95 | 29 | - | - | - |
| Lester | 3.73 | 19 | - | - | - | - | - | - | - |
| Morrison | 3.95 | 10 | 2.50 | 12 | 6.16 | 20 | 4.37 | 3906 | 81.4 |
| Sunderland | 3.99 | 5 | 2.41 | 19 | 6.70 | 9 | 4.54 | 4052 | 84.4 |
| Viking | 3.69 | 20 | 2.32 | 24 | 5.95 | 23 | 4.14 | 3696 | 77.0 |
| AB159-2 | 3.87 | 13 | 2.56 | 8 | 6.28 | 16 | 4.37 | 3903 | 81.3 |
| AB159-10 | 4.11 | 1 | 2.75 | 3 | 6.22 | 17 | 4.52 | 4034 | 84.1 |
| CM94534 | 4.00 | 4 | 2.34 | 23 | 6.20 | 18 | 4.39 | 3921 | 81.7 |
| DB192 | 3.77 | 18 | 2.52 | 11 | 5.95 | 23 | 4.21 | 3763 | 78.4 |
| DB202 | 3.83 | 15 | 2.42 | 18 | 5.90 | 26 | 4.22 | 3768 | 78.5 |
| T186-1 | 3.81 | 17 | 2.35 | 22 | - | - | - | - | - |
| AC Alma | 3.42 | 23 | 2.46 | 16 | 6.16 | 20 | 4.07 | 3630 | 75.6 |
| AC Buffalo | - | - | - | - | 6.45 | 15 | - | - | - |
| AC Hamilton | 3.50 | 22 | 2.53 | 10 | 6.74 | 7 | 4.29 | 3828 | 79.7 |
| AC Nadia | - | - | 2.16 | 27 | 6.50 | 13 | - | - | - |
| AC Stephen | 3.69 | 20 | 2.57 | 7 | 6.61 | 11 | 4.36 | 3897 | 81.2 |
| ACCA | - | - | 2.08 | 28 | 6.85 | 5 | - | - | - |
| Brucefield | 3.88 | 12 | 2.49 | 14 | 7.02 | 4 | 4.58 | 4088 | 85.2 |
| Chapais | 4.05 | 2 | 2.50 | 12 | 6.47 | 14 | 4.52 | 4036 | 84.1 |
| Foster | 3.96 | 9 | 2.74 | 4 | 6.53 | 12 | 4.52 | 4036 | 84.1 |
| Grant | 4.01 | 3 | 2.47 | 15 | 6.80 | 6 | 4.59 | 4096 | 85.3 |
| Kasota | 3.19 | 24 | 2.56 | 8 | 4.96 | 28 | 3.61 | 3219 | 67.1 |
| Leger | - | - | - | - | 7.09 | 3 | - | - | - |
| Myriam | - | - | 2.43 | 17 | 6.63 | 10 | - | - | - |
| OAC Kippen | 3.83 | 15 | 2.40 | 20 | - | - | - | - | - |
| Sandrine | - | - | 3.09 | 1 | 7.31 | 1 | - | - | - |
| Stander | 3.97 | 7 | 2.60 | 6 | 6.74 | 7 | 4.57 | 4077 | 84.9 |
| B1602 | 3.97 | 7 | 3.00 | 2 | 7.26 | 2 | 4.77 | 4260 | 88.8 |
| Mean | 3.83 | - | 2.49 | - | 6.35 | - | 4.36 | 3894 | 81.1 |

* See attached map

** No. of locations

*** Weighted average

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1997

| Cultivar | II & IV | III | V & VI | PROVINCE |
|-----------------|---------|------|--------|----------|
| AC Sirius | - | 88 | 97 | - |
| AC Sterling | 101 | 95 | 88 | 95 |
| Belmore | 104 | 93 | 98 | 100 |
| Breslau | 102 | 107 | 93 | 99 |
| CDC Fleet | - | - | 78 | - |
| Lester | 97 | - | - | - |
| Morrison | 103 | 100 | 97 | 100 |
| Sunderland | 104 | 97 | 106 | 104 |
| Viking | 96 | 93 | 94 | 95 |
| AB159-2 | 101 | 103 | 99 | 100 |
| AB159-10 | 107 | 110 | 98 | 104 |
| CM94534 | 104 | 94 | 98 | 101 |
| DB192 | 98 | 101 | 94 | 97 |
| DB202 | 100 | 97 | 93 | 97 |
| T186-1 | 99 | 94 | - | - |
| AC Alma | 89 | 99 | 97 | 93 |
| AC Buffalo | - | - | 102 | - |
| AC Hamilton | 91 | 102 | 106 | 98 |
| AC Nadia | - | 87 | 102 | - |
| AC Stephen | 96 | 103 | 104 | 100 |
| ACCA | - | 84 | 108 | - |
| Brucefield | 101 | 100 | 111 | 105 |
| Chapais | 106 | 100 | 102 | 104 |
| Foster | 103 | 110 | 103 | 104 |
| Grant | 105 | 99 | 107 | 105 |
| Kasota | 83 | 103 | 78 | 83 |
| Leger | - | - | 112 | - |
| Myriam | - | 98 | 104 | - |
| OAC Kippen | 100 | 96 | - | - |
| Sandrine | - | 124 | 115 | - |
| Stander | 104 | 104 | 106 | 105 |
| B1602 | 104 | 120 | 113 | 109 |
| Mean yield t/ha | 3.83 | 2.49 | 6.35 | 4.36 |

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1996-97

| Cultivar | II & IV(6)** | | III(2) | | V&VI (4) | | PROVINCE***(12) | | |
|-------------|--------------|------|--------|------|----------|------|-----------------|-------|------|
| | t/ha | RANK | t/ha | RANK | t/ha | RANK | t/ha | lbs/a | bu/a |
| AC Sirius | - | - | 2.81 | 14 | 6.04 | 12 | - | - | - |
| AC Sterling | 4.00 | 12 | 3.48 | 11 | 5.67 | 15 | 4.47 | 3991 | 83.1 |
| Belmore | 4.29 | 4 | 3.52 | 10 | 6.01 | 13 | 4.74 | 4228 | 88.1 |
| Breslau | 4.36 | 3 | - | - | - | - | - | - | - |
| Lester | 4.12 | 10 | - | - | - | - | - | - | - |
| Morrison | 4.21 | 8 | 3.99 | 4 | 6.18 | 11 | 4.83 | 4313 | 89.8 |
| Sunderland | 4.45 | 2 | - | - | - | - | - | - | - |
| Viking | 4.24 | 7 | 3.00 | 13 | 6.01 | 13 | 4.62 | 4128 | 86.0 |
| AC Alma | 4.26 | 5 | 3.67 | 9 | 6.55 | 6 | 4.93 | 4397 | 91.6 |
| AC Buffalo | - | - | - | - | 6.37 | 9 | - | - | - |
| AC Hamilton | 4.15 | 9 | 4.02 | 3 | 6.57 | 4 | 4.94 | 4406 | 91.8 |
| AC Nadia | - | - | 3.94 | 5 | 6.43 | 8 | - | - | - |
| AC Stephen | 4.25 | 6 | 4.08 | 2 | 6.31 | 10 | 4.91 | 4382 | 91.3 |
| ACCA | - | - | 3.78 | 8 | 6.56 | 5 | - | - | - |
| Chapais | 4.75 | 1 | 3.86 | 7 | 6.46 | 7 | 5.17 | 4618 | 96.2 |
| Leger | - | - | - | - | 6.77 | 1 | - | - | - |
| Myriam | - | - | 3.91 | 6 | 6.58 | 3 | - | - | - |
| OAC Kippen | 4.09 | 11 | 3.44 | 12 | - | - | - | - | - |
| Sandrine | - | - | 4.11 | 1 | 6.75 | 2 | - | - | - |
| Mean | 4.26 | - | 3.69 | - | 6.35 | - | 4.82 | 4307 | 89.7 |

* See attached map; **No. of locations; ***Weighted averages

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1996-97

| Cultivar | II & IV | III | V & VI | PROVINCE |
|-------------|---------|-----|--------|----------|
| AC Sirius | - | 76 | 95 | - |
| AC Sterling | 94 | 94 | 89 | 93 |
| Belmore | 101 | 95 | 95 | 98 |
| Breslau | 102 | - | - | - |
| Lester | 97 | - | - | - |
| Morrison | 99 | 108 | 97 | 100 |
| Sunderland | 104 | - | - | - |
| Viking | 100 | 81 | 95 | 96 |
| AC Alma | 100 | 99 | 103 | 102 |
| AC Buffalo | - | - | 100 | - |
| AC Hamilton | 97 | 109 | 103 | 102 |
| AC Nadia | - | 107 | 101 | - |
| AC Stephen | 100 | 111 | 99 | 102 |
| ACCA | - | 102 | 103 | - |
| Chapais | 112 | 105 | 102 | 107 |
| Leger | - | - | 107 | - |
| Myriam | - | 106 | 104 | - |
| OAC Kippen | 96 | 93 | - | - |
| Sandrine | - | 111 | 106 | - |

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1995-97

| Cultivar | II & IV(11)** | | III(4) | | V & VI(9) | | PROVINCE***(24) | | |
|-------------|---------------|------|--------|------|-----------|------|-----------------|-------|------|
| | t/ha | RANK | t/ha | RANK | t/ha | RANK | t/ha | lbs/a | bu/a |
| AC Sterling | 4.13 | 7 | 3.14 | 11 | 4.63 | 12 | 4.15 | 3708 | 77.2 |
| Belmore | 4.23 | 4 | 3.49 | 8 | 4.84 | 11 | 4.34 | 3871 | 80.6 |
| Lester | 4.11 | 8 | - | - | - | - | - | - | - |
| Morrison | 4.15 | 6 | 3.71 | 4 | 5.13 | 8 | 4.44 | 3968 | 82.7 |
| Viking | 4.10 | 9 | 3.05 | 12 | 4.60 | 13 | 4.11 | 3672 | 76.5 |
| AC Alma | 4.34 | 2 | 3.37 | 10 | 5.24 | 5 | 4.52 | 4032 | 84.0 |
| AC Buffalo | - | - | - | - | 5.09 | 9 | - | - | - |
| AC Hamilton | 4.16 | 5 | 3.59 | 7 | 5.46 | 3 | 4.55 | 4065 | 84.7 |
| AC Nadia | - | - | 3.61 | 6 | 5.05 | 10 | - | - | - |
| AC Stephen | 4.31 | 3 | 3.90 | 1 | 5.20 | 6 | 4.58 | 4085 | 85.1 |
| Chapais | 4.64 | 1 | 3.62 | 5 | 5.32 | 4 | 4.73 | 4219 | 87.9 |
| Leger | - | - | - | - | 5.49 | 2 | - | - | - |
| Myriam | - | - | 3.79 | 2 | 5.14 | 7 | - | - | - |
| OAC Kippen | 4.10 | 9 | 3.44 | 9 | - | - | - | - | - |
| Sandrine | - | - | 3.72 | 3 | 5.52 | 1 | - | - | - |
| Mean | 4.23 | - | 3.54 | - | 5.13 | - | 4.45 | 3974 | 82.8 |

* See attached map

** No. of locations

*** Weighted average

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1995-97

| Cultivar | II & IV | III | V & VI | PROVINCE |
|-----------------|---------|------|--------|----------|
| AC Sterling | 98 | 89 | 90 | 93 |
| Belmore | 100 | 99 | 94 | 97 |
| Lester | 97 | - | - | - |
| Morrison | 98 | 105 | 100 | 100 |
| Viking | 97 | 86 | 90 | 92 |
| AC Alma | 103 | 95 | 102 | 101 |
| AC Buffalo | - | - | 99 | - |
| AC Hamilton | 98 | 101 | 106 | 102 |
| AC Nadia | - | 102 | 98 | - |
| AC Stephen | 102 | 110 | 101 | 103 |
| Chapais | 110 | 102 | 104 | 106 |
| Leger | - | - | 107 | - |
| Myriam | - | 107 | 100 | - |
| OAC Kippen | 97 | 97 | - | - |
| Sandrine | - | 105 | 108 | - |
| Mean yield t/ha | 4.23 | 3.54 | 5.13 | 4.45 |

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

| Cultivar | Yield t/ha (4)* | wt/hl kg (4) | Kernel Weight g/1000 (4) | Height cm (4) | Lodging 0-9 (1) | Maturity ^a days (3) | Mildew 0-9 (1) | Net Blotch 0-9 (1) |
|-------------|-----------------------|--------------------|--------------------------------|---------------------|-----------------------|--------------------------------------|----------------------|--------------------------|
| AC Sterling | 3.87 | 64.9 | 49.3 | 71 | 0.0 | 99 | 0.0 | 5.5 |
| Belmore | 3.98 | 65.9 | 48.4 | 69 | 0.0 | 95 | 0.0 | 4.5 |
| Breslau | 3.92 | 65.4 | 43.4 | 73 | 0.0 | 95 | 0.0 | 5.5 |
| Morrison | 3.95 | 65.6 | 46.7 | 69 | 0.0 | 97 | 0.0 | 4.5 |
| Lester | 3.73 | 65.1 | 47.8 | 67 | 0.0 | 96 | 1.5 | 4.5 |
| Sunderland | 3.99 | 64.4 | 47.2 | 68 | 0.0 | 95 | 0.0 | 4.0 |
| Viking | 3.69 | 65.2 | 49.2 | 71 | 0.0 | 98 | 0.0 | 3.5 |
| AB159-2 | 3.87 | 65.1 | 51.9 | 79 | 0.0 | 96 | 0.0 | 6.0 |
| AB159-10 | 4.11 | 63.5 | 49.4 | 81 | 2.0 | 97 | 1.0 | 4.0 |
| CM94534 | 4.00 | 65.7 | 48.3 | 66 | 0.0 | 97 | 0.0 | 4.0 |
| DB192 | 3.77 | 65.9 | 46.6 | 71 | 0.0 | 95 | 0.0 | 4.5 |
| DB202 | 3.83 | 63.3 | 46.2 | 70 | 0.0 | 97 | 0.0 | 5.0 |
| T186-1 | 3.81 | 65.3 | 44.5 | 73 | 5.0 | 96 | 0.0 | 4.0 |
| AC Alma | 3.42 | 56.5 | 45.1 | 76 | 2.0 | 95 | 5.0 | 4.5 |
| AC Hamilton | 3.50 | 56.1 | 41.9 | 78 | 0.0 | 95 | 3.5 | 3.0 |
| AC Stephen | 3.69 | 61.3 | 40.7 | 79 | 0.0 | 93 | 3.0 | 3.5 |
| Brucefield | 3.88 | 59.9 | 42.0 | 73 | 0.0 | 96 | 1.5 | 3.0 |
| Chapais | 4.05 | 60.7 | 44.8 | 71 | 0.0 | 93 | 3.0 | 4.5 |
| Foster | 3.96 | 61.2 | 42.6 | 77 | 0.0 | 94 | 6.0 | 4.0 |
| Grant | 4.01 | 58.1 | 43.6 | 84 | 0.0 | 97 | 0.0 | 4.5 |
| Kasota | 3.19 | 59.3 | 34.5 | 65 | 0.0 | 90 | 3.5 | 4.5 |
| OAC Kippen | 3.83 | 61.7 | 38.9 | 79 | 0.0 | 94 | 3.0 | 4.0 |
| Stander | 3.97 | 60.6 | 40.6 | 71 | 0.0 | 96 | 5.5 | 3.5 |
| B1602 | 3.97 | 62.4 | 38.1 | 80 | 0.0 | 95 | 7.0 | 3.0 |

^ano. of days from seeding to maturity

*no. of locations

**TESTING AREA II & IV
BARLEY
AGRONOMIC DATA, 1996-97**

| Cultivar | Yield t/ha (6)* | wt/hl kg (6) | Kernel weight g/1000 (6) | Height cm (6) | Lodging 0-9** (2) | Maturity ^a days (5) | Mildew 0-9 (2) | Leaf Rust 0-9** (1) | Scald 0-9** (1) |
|-------------|-----------------------|--------------------|--------------------------------|---------------------|-------------------------|--------------------------------------|----------------------|---------------------------|-----------------------|
| AC Sterling | 4.00 | 64.3 | 48.3 | 79 | 3.1 | 95 | 0.0 | 5.5 | 7.3 |
| Belmore | 4.29 | 65.8 | 47.1 | 75 | 1.3 | 92 | 3.0 | 6.5 | 6.8 |
| Breslau | 4.36 | 65.5 | 44.4 | 80 | 1.8 | 92 | 1.0 | 5.5 | 6.3 |
| Lester | 4.12 | 64.9 | 47.1 | 72 | 3.8 | 93 | 4.3 | 7.0 | 7.3 |
| Morrison | 4.21 | 64.9 | 46.8 | 75 | 3.0 | 94 | 0.3 | 7.0 | 6.8 |
| Sunderland | 4.45 | 65.6 | 47.9 | 76 | 1.8 | 93 | 1.0 | 7.5 | 7.8 |
| Viking | 4.24 | 66.1 | 48.3 | 76 | 4.0 | 95 | 0.0 | 4.5 | 5.3 |
| AC Alma | 4.26 | 58.2 | 44.8 | 84 | 1.4 | 94 | 6.5 | 7.5 | 4.5 |
| AC Hamilton | 4.15 | 57.7 | 42.3 | 86 | 5.0 | 93 | 5.5 | 8.0 | 2.5 |
| AC Stephen | 4.25 | 61.7 | 41.2 | 86 | 3.5 | 92 | 5.0 | 6.5 | 3.5 |
| Chapais | 4.75 | 61.4 | 46.4 | 77 | 4.2 | 91 | 4.5 | 7.0 | 3.5 |
| OAC Kippen | 4.09 | 63.3 | 39.1 | 85 | 6.1 | 92 | 4.8 | 5.0 | 3.0 |

^a no. of days from seeding to maturity

* no. of locations

** 1996 data ONLY

AGRONOMIC DATA, 1995-97

| Cultivar | Yield t/ha (11)* | wt/hl kg (11) | Kernel weight g/1000 (11) | Height cm (11) | Lodging 0-9** (7) | Maturity ^a days (8) | Mildew 0-9 (5) | Leaf Rust 0-9** (3) |
|-------------|------------------------|---------------------|---------------------------------|----------------------|-------------------------|--------------------------------------|----------------------|---------------------------|
| AC Sterling | 4.13 | 63.2 | 45.8 | 80 | 2.4 | 92 | 0.0 | 3.6 |
| Belmore | 4.23 | 64.4 | 44.9 | 74 | 1.8 | 89 | 3.4 | 3.8 |
| Lester | 4.11 | 63.5 | 45.1 | 72 | 2.4 | 89 | 2.7 | 4.3 |
| Morrison | 4.15 | 63.7 | 44.6 | 76 | 3.3 | 90 | 0.1 | 4.4 |
| Viking | 4.10 | 64.5 | 46.7 | 78 | 3.3 | 91 | 0.0 | 2.8 |
| AC Alma | 4.34 | 56.6 | 42.0 | 82 | 1.6 | 90 | 5.0 | 6.3 |
| AC Hamilton | 4.16 | 56.8 | 41.1 | 85 | 3.1 | 90 | 4.9 | 6.3 |
| AC Stephen | 4.31 | 60.1 | 39.2 | 84 | 2.4 | 88 | 4.6 | 3.9 |
| Chapais | 4.64 | 59.5 | 45.3 | 76 | 3.0 | 88 | 3.8 | 4.6 |
| OAC Kippen | 4.10 | 61.4 | 38.1 | 86 | 4.5 | 89 | 4.2 | 3.8 |

^a no. of days from seeding to maturity

* no. of locations

**1995-96 data ONLY

TESTING AREA II & IV
BARLEY
Yield data for 1997

| Cultivar | Oxford | Wellington I | Huron I | Huron II | Average | | | |
|-------------|--------|--------------|---------|----------|---------|------|-------|------|
| | | | | | t/ha | Rank | lbs/a | bu/a |
| AC Sterling | 2907 | 5119 | 4227 | 3244 | 3.87 | 13 | 3459 | 72.1 |
| Belmore | 2758 | 4869 | 4420 | 3862 | 3.98 | 6 | 3551 | 74.0 |
| Breslau | 3149 | 4949 | 4414 | 3153 | 3.92 | 11 | 3497 | 72.8 |
| Lester | 3165 | 4645 | 4010 | 3082 | 3.73 | 19 | 3326 | 69.3 |
| Morrison | 3106 | 4929 | 4167 | 3580 | 3.95 | 10 | 3523 | 73.4 |
| Sunderland | 3163 | 5170 | 4203 | 3408 | 3.99 | 5 | 3559 | 74.1 |
| Viking | 3043 | 5155 | 3539 | 3017 | 3.69 | 20 | 3293 | 68.6 |
| AB159-2 | 2817 | 5349 | 4324 | 2975 | 3.87 | 13 | 3452 | 71.9 |
| AB159-10 | 3046 | 5572 | 4300 | 3504 | 4.11 | 1 | 3666 | 76.4 |
| CM94534 | 3396 | 5306 | 4251 | 3045 | 4.00 | 4 | 3571 | 74.4 |
| DB192 | 3342 | 4893 | 4082 | 2763 | 3.77 | 18 | 3366 | 70.1 |
| DB202 | 2836 | 5250 | 4565 | 2663 | 3.83 | 15 | 3418 | 71.2 |
| T186-1 | 3096 | 4916 | 3810 | 3424 | 3.81 | 17 | 3403 | 70.9 |
| AC Alma | 2969 | 5035 | 3937 | 1747 | 3.42 | 23 | 3055 | 63.7 |
| AC Hamilton | 2610 | 4926 | 3394 | 3089 | 3.50 | 22 | 3129 | 65.2 |
| AC Stephen | 3525 | 4362 | 4010 | 2856 | 3.69 | 20 | 3293 | 68.6 |
| Brucefield | 3079 | 5528 | 3662 | 3253 | 3.88 | 12 | 3465 | 72.2 |
| Chapais | 3173 | 5338 | 4227 | 3458 | 4.05 | 2 | 3615 | 75.3 |
| Foster | 3410 | 5397 | 4143 | 2881 | 3.96 | 9 | 3534 | 73.6 |
| Grant | 3263 | 5465 | 4118 | 3208 | 4.01 | 3 | 3583 | 74.7 |
| Kasota | 3095 | 4424 | 2609 | 2636 | 3.19 | 24 | 2849 | 59.4 |
| OAC Kippen | 3048 | 4939 | 4118 | 3216 | 3.83 | 15 | 3420 | 71.2 |
| Stander | 3004 | 5230 | 4330 | 3305 | 3.97 | 7 | 3542 | 73.8 |
| B1602 | 3138 | 5306 | 4106 | 3343 | 3.97 | 7 | 3548 | 73.9 |
| MEAN | 3089 | 5086 | 4040 | 3113 | 3.83 | - | 3421 | 71.3 |
| C.V. % | 9.7 | 6.8 | 7.5 | 13.8 | 9.5 | - | - | - |
| LSD (0.05) | 352 | 405 | 427 | 604 | 0.45 | - | - | - |

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

| Cultivar | Yield t/ha (1)* | wt/hl kg (2) | Kernel Weight g/1000 (2) | Height cm (2) | Lodging 0-9 (-) | Maturity ^a days (1) |
|-------------|-----------------------|--------------------|--------------------------------|---------------------|-----------------------|--------------------------------------|
| AC Sirius | 2.19 | 68.7 | 41.2 | 66 | - | 86 |
| AC Sterling | 2.37 | 70.0 | 42.9 | 63 | - | 89 |
| Belmore | 2.31 | 70.4 | 43.3 | 59 | - | 87 |
| Breslau | 2.67 | 68.4 | 41.7 | 62 | - | 86 |
| Morrison | 2.50 | 70.7 | 43.3 | 61 | - | 89 |
| Sunderland | 2.41 | 69.9 | 43.3 | 59 | - | 88 |
| Viking | 2.32 | 70.0 | 43.9 | 61 | - | 89 |
| AB159-2 | 2.56 | 69.0 | 48.9 | 67 | - | 89 |
| AB159-10 | 2.75 | 70.8 | 47.6 | 71 | - | 89 |
| CM94534 | 2.34 | 70.4 | 43.5 | 56 | - | 88 |
| DB192 | 2.52 | 71.6 | 45.0 | 61 | - | 89 |
| DB202 | 2.42 | 70.1 | 43.9 | 62 | - | 88 |
| T186-1 | 2.35 | 69.2 | 39.7 | 59 | - | 89 |
| AC Alma | 2.46 | 63.3 | 41.3 | 60 | - | 87 |
| AC Hamilton | 2.53 | 63.7 | 39.8 | 65 | - | 87 |
| AC Nadia | 2.16 | 67.7** | 33.9** | 69** | - | - |
| AC Stephen | 2.57 | 65.1 | 38.0 | 64 | - | 86 |
| ACCA | 2.08 | 66.1 | 42.4 | 60 | - | 89 |
| Brucefield | 2.49 | 66.0 | 39.6 | 60 | - | 88 |
| Chapais | 2.50 | 65.7 | 44.0 | 58 | - | 86 |
| Foster | 2.74 | 65.8 | 40.8 | 65 | - | 87 |
| Grant | 2.47 | 66.5 | 41.2 | 67 | - | 89 |
| Kasota | 2.56 | 66.0 | 32.4 | 57 | - | 82 |
| Myriam | 2.43 | 66.9 | 38.5 | 62 | - | 86 |
| OAC Kippen | 2.40 | 69.4 | 38.9 | 70 | - | 86 |
| Sandrine | 3.09 | 69.0 | 38.5 | 67 | - | 88 |
| Stander | 2.60 | 67.9 | 39.4 | 56 | - | 87 |
| B1602 | 3.00 | 68.0 | 36.7 | 65 | - | 86 |

^a no. of days from seeding to maturity

* no. of locations

**AC Nadia grown ONLY at Kemptville location

**TESTING AREA III
BARLEY
AGRONOMIC DATA, 1996-97**

| Cultivar | Yield t/ha (2)* | wt/hl kg (3) | Kernel Weight g/1000 (3) | Height cm (3) | Lodging 0-9** (1) | Maturity* days (2) | Mildew 0-9** (1) |
|-------------|-----------------------|--------------------|--------------------------------|---------------------|-------------------------|--------------------------|------------------------|
| AC Sirius | 2.81 | 68.7 | 44.5 | 70 | 4.0 | 87 | 0.0 |
| AC Sterling | 3.48 | 70.0 | 45.1 | 68 | 1.0 | 89 | 0.0 |
| Belmore | 3.52 | 70.9 | 47.0 | 64 | 0.5 | 88 | 0.0 |
| Morrison | 3.99 | 70.5 | 45.1 | 65 | 1.3 | 89 | 0.0 |
| Viking | 3.00 | 70.2 | 46.9 | 66 | 2.8 | 89 | 0.0 |
| AC Alma | 3.67 | 64.3 | 43.8 | 67 | 0.5 | 89 | 4.0 |
| AC Hamilton | 4.02 | 64.7 | 41.7 | 72 | 1.0 | 89 | 0.0 |
| AC Nadia*** | 3.95 | - | - | - | - | - | - |
| AC Stephen | 4.08 | 66.1 | 40.3 | 70 | 1.5 | 87 | 0.0 |
| ACCA | 3.78 | 66.1 | 42.4 | 67 | 0.3 | 89 | 4.0 |
| Chapais | 3.86 | 66.4 | 45.9 | 64 | 0.8 | 87 | 3.0 |
| Myriam | 3.91 | 67.2 | 41.8 | 69 | 0.3 | 88 | 3.0 |
| OAC Kippen | 3.44 | 69.1 | 40.0 | 76 | 2.3 | 88 | 0.0 |
| Sandrine | 4.11 | 69.7 | 40.5 | 74 | 1.3 | 89 | 3.0 |

* no. of days from seeding to maturity

* no. of locations

** 1996 data ONLY

***No agronomic data for AC Nadia reported due to not being planted at all locations within AREA III

AGRONOMIC DATA, 1995-97

| Cultivar | Yield t/ha (2)* | wt/hl kg (3) | Kernel Weight g/1000 (3) | Height cm (3) | Lodging 0-9** (1) | Maturity* days (2) |
|-------------|-----------------------|--------------------|--------------------------------|---------------------|-------------------------|--------------------------|
| AC Sterling | 3.14 | 65.6 | 43.4 | 69 | 1.0 | 90 |
| Belmore | 3.49 | 66.5 | 44.2 | 65 | 0.3 | 89 |
| Morrison | 3.71 | 66.7 | 44.0 | 67 | 1.2 | 89 |
| Viking | 3.05 | 66.1 | 45.1 | 66 | 1.9 | 90 |
| AC Alma | 3.37 | 59.8 | 41.8 | 69 | 1.3 | 90 |
| AC Hamilton | 3.59 | 60.6 | 40.3 | 75 | 1.5 | 89 |
| AC Nadia*** | 3.61 | - | - | - | - | - |
| AC Stephen | 3.90 | 61.5 | 38.8 | 70 | 1.3 | 88 |
| Chapais | 3.62 | 61.1 | 44.6 | 63 | 1.9 | 88 |
| Myriam | 3.79 | 62.9 | 41.8 | 71 | 0.7 | 90 |
| OAC Kippen | 3.44 | 64.3 | 38.8 | 77 | 2.2 | 89 |
| Sandrine | 3.72 | 64.6 | 39.6 | 77 | 1.7 | 89 |

* no. of days from seeding to maturity

* no. of locations

** 1995-96 data ONLY

***No agronomic data for AC Nadia reported due to not being planted at all locations within AREA III

**TESTING AREA III
BARLEY
Yield data for 1997**

| Cultivar | Grenville | Average | | | |
|-------------|-----------|---------|------|-------|------|
| | | t/ha | Rank | lbs/a | bu/a |
| AC Sirius | 2185 | 2.19 | 26 | 1951 | 40.6 |
| AC Sterling | 2366 | 2.37 | 21 | 2113 | 44.0 |
| Belmore | 2305 | 2.31 | 25 | 2058 | 42.9 |
| Breslau | 2671 | 2.67 | 5 | 2385 | 49.7 |
| Morrison | 2499 | 2.50 | 12 | 2231 | 46.5 |
| Sunderland | 2405 | 2.41 | 19 | 2147 | 44.7 |
| Viking | 2321 | 2.32 | 24 | 2072 | 43.2 |
| AB159-2 | 2564 | 2.56 | 8 | 2289 | 47.7 |
| AB159-10 | 2751 | 2.75 | 3 | 2456 | 51.2 |
| CM94534 | 2342 | 2.34 | 23 | 2091 | 43.6 |
| DB192 | 2522 | 2.52 | 11 | 2252 | 46.9 |
| DB202 | 2423 | 2.42 | 18 | 2163 | 45.1 |
| T186-1 | 2351 | 2.35 | 22 | 2099 | 43.7 |
| AC Alma | 2460 | 2.46 | 16 | 2196 | 45.8 |
| AC Hamilton | 2529 | 2.53 | 10 | 2258 | 47.0 |
| AC Nadia | 2162 | 2.16 | 27 | 1930 | 40.2 |
| AC Stephen | 2568 | 2.57 | 7 | 2293 | 47.8 |
| ACCA | 2084 | 2.08 | 28 | 1861 | 38.8 |
| Brucefield | 2494 | 2.49 | 14 | 2227 | 46.4 |
| Chapais | 2496 | 2.50 | 12 | 2229 | 46.4 |
| Foster | 2739 | 2.74 | 4 | 2446 | 50.9 |
| Grant | 2471 | 2.47 | 15 | 2206 | 46.0 |
| Kasota | 2562 | 2.56 | 8 | 2288 | 47.7 |
| Myriam | 2429 | 2.43 | 17 | 2169 | 45.2 |
| OAC Kippen | 2401 | 2.40 | 20 | 2144 | 44.7 |
| Sandrine | 3088 | 3.09 | 1 | 2757 | 57.4 |
| Stander | 2600 | 2.60 | 6 | 2321 | 48.4 |
| B1602 | 3004 | 3.00 | 2 | 2682 | 55.9 |
| MEAN | 2493 | 2.49 | - | 2226 | 46.4 |
| C.V. % | 11.5 | 11.5 | - | - | - |
| LSD (0.05) | 403 | 0.40 | - | - | - |

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

| Cultivar | Yield t/ha (2)* | wt/hl kg (2) | Kernel Weight g/1000 (2) | Height cm (2) | Lodging 0-9 (-) | Maturity ^a days (2) |
|-------------|-----------------------|--------------------|--------------------------------|---------------------|-----------------------|--------------------------------------|
| AC Sirius | 6.15 | 66.3 | 41.0 | 75 | - | 94 |
| AC Sterling | 5.56 | 65.2 | 42.2 | 81 | - | 95 |
| Belmore | 6.20 | 67.4 | 41.9 | 72 | - | 94 |
| Breslau | 5.91 | 64.6 | 40.8 | 72 | - | 93 |
| CDC Fleet | 4.95 | 65.3 | 42.8 | 75 | - | 89 |
| Sunderland | 6.70 | 65.7 | 43.2 | 72 | - | 95 |
| Morrison | 6.16 | 67.9 | 43.6 | 72 | - | 95 |
| Viking | 5.95 | 67.8 | 44.6 | 73 | - | 95 |
| AB159-2 | 6.28 | 65.3 | 47.4 | 85 | - | 97 |
| AB159-10 | 6.22 | 65.2 | 46.4 | 84 | - | 97 |
| CM94534 | 6.20 | 66.8 | 44.2 | 76 | - | 94 |
| DB192 | 5.95 | 66.9 | 42.4 | 74 | - | 95 |
| DB202 | 5.90 | 65.2 | 41.5 | 79 | - | 95 |
| AC Alma | 6.16 | 60.2 | 40.7 | 76 | - | 95 |
| AC Buffalo | 6.45 | 60.2 | 37.4 | 83 | - | 93 |
| AC Hamilton | 6.74 | 62.0 | 38.8 | 84 | - | 94 |
| AC Nadia | 6.50 | 62.5 | 39.5 | 89 | - | 96 |
| AC Stephen | 6.61 | 62.5 | 37.2 | 84 | - | 90 |
| ACCA | 6.85 | 63.6 | 41.6 | 84 | - | 98 |
| Brucefield | 7.02 | 61.3 | 39.3 | 78 | - | 96 |
| Chapais | 6.47 | 61.6 | 42.6 | 68 | - | 91 |
| Foster | 6.53 | 61.5 | 39.2 | 76 | - | 96 |
| Grant | 6.80 | 63.6 | 42.3 | 87 | - | 96 |
| Kasota | 4.96 | 60.1 | 29.3 | 65 | - | 91 |
| Leger | 7.09 | 61.8 | 36.8 | 88 | - | 95 |
| Myriam | 6.63 | 64.1 | 42.7 | 82 | - | 96 |
| Sandrine | 7.31 | 64.7 | 38.2 | 83 | - | 94 |
| Stander | 6.74 | 63.1 | 39.2 | 75 | - | 98 |
| B1602 | 7.26 | 64.2 | 37.3 | 81 | - | 95 |

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA V & VI
BARLEY
AGRONOMIC DATA, 1996-97**

| Cultivar | Yield t/ha (4)* | wt/hl kg (4) | Kernel Weight g/1000 (4) | Height cm (4) | Lodging 0-9** (1) | Maturity ^a days (3) |
|-------------|-----------------------|--------------------|--------------------------------|---------------------|-------------------------|--------------------------------------|
| AC Sirius | 6.04 | 64.9 | 42.3 | 80 | 6.0 | 94 |
| AC Sterling | 5.67 | 64.8 | 42.9 | 84 | 5.0 | 96 |
| Belmore | 6.01 | 66.5 | 42.6 | 74 | 5.0 | 95 |
| Morrison | 6.18 | 66.8 | 42.7 | 76 | 5.0 | 96 |
| Viking | 6.01 | 67.0 | 44.0 | 78 | 4.0 | 96 |
| AC Alma | 6.55 | 59.6 | 42.0 | 82 | 3.0 | 97 |
| AC Buffalo | 6.37 | 59.8 | 37.8 | 86 | 3.0 | 96 |
| AC Hamilton | 6.57 | 60.3 | 38.7 | 87 | 6.0 | 96 |
| AC Nadia | 6.43 | 62.3 | 38.3 | 91 | 4.0 | 98 |
| AC Stephen | 6.31 | 61.8 | 37.2 | 90 | 6.0 | 94 |
| ACCA | 6.56 | 62.3 | 40.3 | 86 | 5.0 | 99 |
| Chapais | 6.46 | 60.3 | 42.8 | 72 | 3.0 | 94 |
| Leger | 6.77 | 61.5 | 36.6 | 92 | 5.0 | 97 |
| Myriam | 6.58 | 64.1 | 42.7 | 84 | 3.0 | 97 |
| Sandrine | 6.75 | 64.1 | 39.1 | 92 | 3.0 | 96 |

^a no. of days from seeding to maturity

* no. of locations

** 1996 data ONLY

AGRONOMIC DATA, 1995-97

| Cultivar | Yield t/ha (9)* | wt/hl kg (9) | Kernel Weight g/1000 (9) | Height cm (9) | Lodging 0-9** (3) | Maturity ^a days (7) |
|-------------|-----------------------|--------------------|--------------------------------|---------------------|-------------------------|--------------------------------------|
| AC Sterling | 4.63 | 64.3 | 40.9 | 79 | 2.0 | 93 |
| Belmore | 4.84 | 65.0 | 40.4 | 71 | 2.7 | 91 |
| Morrison | 5.13 | 65.7 | 41.0 | 73 | 2.3 | 92 |
| Viking | 4.60 | 65.6 | 41.5 | 74 | 2.0 | 92 |
| AC Alma | 5.24 | 58.8 | 41.3 | 76 | 1.3 | 93 |
| AC Buffalo | 5.09 | 58.8 | 37.0 | 82 | 2.3 | 92 |
| AC Hamilton | 5.46 | 59.5 | 38.9 | 83 | 2.7 | 93 |
| AC Nadia | 5.05 | 61.1 | 36.9 | 85 | 2.0 | 94 |
| AC Stephen | 5.20 | 61.9 | 38.1 | 84 | 2.7 | 91 |
| Chapais | 5.32 | 59.8 | 42.5 | 67 | 1.7 | 91 |
| Leger | 5.49 | 60.8 | 36.2 | 88 | 2.7 | 92 |
| Myriam | 5.14 | 63.2 | 41.1 | 80 | 2.0 | 93 |
| Sandrine | 5.52 | 63.4 | 38.4 | 87 | 1.3 | 92 |

^a no. of days from seeding to maturity

* no. of locations

TESTING AREA V & VI
BARLEY
 Yield data for 1997

| Cultivar | Temiskaming | Thunder Bay | Average | | | |
|-------------|-------------|-------------|---------|------|-------|-------|
| | | | t/ha | Rank | lbs/a | bu/a |
| AC Sirius | 5484 | 6820 | 6.15 | 22 | 5493 | 114.4 |
| AC Sterling | 4757 | 6371 | 5.56 | 27 | 4968 | 103.5 |
| Belmore | 5859 | 6538 | 6.20 | 18 | 5534 | 115.3 |
| Breslau | 4953 | 6861 | 5.91 | 25 | 5274 | 109.9 |
| CDC Fleet | 4763 | 5129 | 4.95 | 29 | 4416 | 92.0 |
| Morrison | 5415 | 6903 | 6.16 | 20 | 5499 | 114.6 |
| Sunderland | 5640 | 7757 | 6.70 | 9 | 5981 | 124.6 |
| Viking | 5173 | 6725 | 5.95 | 23 | 5312 | 110.7 |
| AB159-2 | 4803 | 7755 | 6.28 | 16 | 5606 | 116.8 |
| AB159-10 | 5005 | 7429 | 6.22 | 17 | 5551 | 115.6 |
| CM94534 | 5570 | 6828 | 6.20 | 18 | 5535 | 115.3 |
| DB192 | 5317 | 6592 | 5.95 | 23 | 5317 | 110.8 |
| DB202 | 4827 | 6966 | 5.90 | 26 | 5265 | 109.7 |
| AC Alma | 4832 | 7485 | 6.16 | 20 | 5499 | 114.6 |
| AC Buffalo | 5634 | 7259 | 6.45 | 15 | 5756 | 119.9 |
| AC Hamilton | 6084 | 7390 | 6.74 | 7 | 6015 | 125.3 |
| AC Nadia | 5230 | 7761 | 6.50 | 13 | 5800 | 120.8 |
| AC Stephen | 5432 | 7795 | 6.61 | 11 | 5905 | 123.0 |
| ACCA | 5680 | 8019 | 6.85 | 5 | 6116 | 127.4 |
| Brucefield | 6245 | 7790 | 7.02 | 4 | 6266 | 130.5 |
| Chapais | 5657 | 7282 | 6.47 | 14 | 5776 | 120.3 |
| Foster | 5334 | 7733 | 6.53 | 12 | 5833 | 121.5 |
| Grant | 5870 | 7736 | 6.80 | 6 | 6074 | 126.5 |
| Kasota | 3962 | 5949 | 4.96 | 28 | 4425 | 92.2 |
| Leger | 5945 | 8233 | 7.09 | 3 | 6329 | 131.9 |
| Myriam | 5553 | 7712 | 6.63 | 10 | 5922 | 123.4 |
| Sandrine | 6412 | 8199 | 7.31 | 1 | 6523 | 135.9 |
| Stander | 5870 | 7600 | 6.74 | 7 | 6013 | 125.3 |
| B1602 | 6383 | 8144 | 7.26 | 2 | 6485 | 135.1 |
| MEAN | 5438 | 7268 | 6.35 | - | 5672 | 118.2 |
| C.V. % | 10.8 | 7.1 | 9.0 | - | - | - |
| LSD (0.05) | 829 | 728 | 0.78 | - | - | - |

INFORMATION ONLY - KAPUSKASING LOCATION
TESTING AREA V & VI
BARLEY
AGRONOMIC DATA, 1997

| Cultivar | Yield t/ha | wt/hl kg | Kernel Weight g/1000 | Height cm | Lodging 0-9 | Maturity ^a days |
|-------------|---------------|-------------|-------------------------|--------------|----------------|-------------------------------|
| AC Sirius | 5.00 | 69.1 | 45.0 | 72 | 1.3 | 95 |
| AC Sterling | 4.62 | 69.2 | 47.9 | 74 | 1.0 | 99 |
| Belmore | 4.61 | 70.5 | 47.4 | 63 | 1.3 | 96 |
| Breslau | 4.43 | 67.8 | 45.7 | 67 | 1.0 | 95 |
| CDC Fleet | 5.26 | 67.3 | 44.5 | 65 | 1.0 | 94 |
| Morrison | 4.51 | 68.6 | 48.2 | 69 | 1.0 | 97 |
| Sunderland | 4.55 | 68.1 | 48.8 | 65 | 1.3 | 96 |
| Viking | 4.40 | 71.0 | 46.9 | 69 | 1.5 | 98 |
| AB159-2 | 4.60 | 68.1 | 46.9 | 71 | 1.5 | 98 |
| AB159-10 | 4.79 | 69.5 | 48.5 | 70 | 1.5 | 97 |
| CM94534 | 4.91 | 70.3 | 48.1 | 63 | 1.0 | 98 |
| DB192 | 4.41 | 69.9 | 46.8 | 70 | 1.3 | 97 |
| DB202 | 4.53 | 67.7 | 46.3 | 68 | 1.0 | 97 |
| AC Alma | 5.48 | 65.1 | 43.4 | 76 | 1.3 | 97 |
| AC Buffalo | 5.75 | 62.7 | 38.2 | 80 | 1.8 | 96 |
| AC Hamilton | 5.56 | 65.5 | 41.7 | 81 | 1.0 | 97 |
| AC Stephen | 5.43 | 66.4 | 39.2 | 79 | 1.0 | 96 |
| ACCA | 6.33 | 65.1 | 41.9 | 77 | 1.0 | 98 |
| Brucefield | 6.62 | 66.6 | 40.9 | 74 | 1.0 | 97 |
| Chapais | 5.46 | 64.6 | 44.4 | 66 | 1.0 | 95 |
| Foster | 5.74 | 65.9 | 40.4 | 76 | 1.5 | 96 |
| Grant | 5.45 | 67.5 | 41.5 | 87 | 1.3 | 95 |
| Kasota | 4.72 | 62.6 | 30.9 | 61 | 1.0 | 94 |
| Leger | 5.55 | 65.2 | 38.9 | 84 | 1.0 | 96 |
| Myriam | 5.89 | 66.7 | 44.5 | 78 | 1.0 | 95 |
| Sandrine | 5.74 | 68.3 | 39.8 | 80 | 1.0 | 96 |
| Stander | 5.07 | 66.3 | 38.7 | 70 | 1.3 | 97 |
| B1602 | 5.95 | 66.7 | 36.5 | 78 | 1.3 | 95 |
| MEAN | 5.19 | 67.2 | 43.3 | 73 | 1.2 | 96 |

^a no. of days from seeding to maturity

INFORMATION ONLY - VERNER LOCATION
TESTING AREA V & VI
BARLEY
AGRONOMIC DATA, 1997

| Cultivar | Yield t/ha | wt/hl kg | Kernel Weight g/1000 | Height cm | Lodging 0-9 | Maturity ^a days |
|-------------|---------------|-------------|-------------------------|--------------|----------------|-------------------------------|
| AC Sirius | 6.49 | 63.6 | 44.1 | - | - | - |
| AC Sterling | 6.32 | 64.8 | 48.3 | - | - | - |
| Belmore | 6.07 | 66.1 | 44.3 | - | - | - |
| Breslau | 6.36 | 63.6 | 45.5 | - | - | - |
| CDC Fleet | 5.70 | 63.6 | 43.5 | - | - | - |
| Morrison | 6.52 | 64.8 | 44.5 | - | - | - |
| Sunderland | 6.30 | 64.8 | 45.9 | - | - | - |
| Viking | 6.61 | 66.1 | 46.0 | - | - | - |
| AB159-2 | 6.41 | 64.8 | 49.4 | - | - | - |
| AB159-10 | 5.59 | 63.6 | 48.7 | - | - | - |
| CM94534 | 6.51 | 63.6 | 45.2 | - | - | - |
| DB192 | 6.74 | 66.1 | 44.6 | - | - | - |
| DB202 | 6.63 | 64.8 | 46.3 | - | - | - |
| AC Alma | 7.16 | 58.6 | 42.7 | - | - | - |
| AC Buffalo | 6.62 | 58.6 | 38.8 | - | - | - |
| AC Hamilton | 6.40 | 58.6 | 40.9 | - | - | - |
| AC Nadia | 6.06 | 59.9 | 38.0 | - | - | - |
| AC Stephen | 6.79 | 59.9 | 37.3 | - | - | - |
| ACCA | 6.59 | 61.1 | 40.2 | - | - | - |
| Brucefield | 6.87 | 58.6 | 41.2 | - | - | - |
| Chapais | 6.83 | 59.9 | 43.9 | - | - | - |
| Foster | 7.28 | 59.9 | 41.1 | - | - | - |
| Grant | 6.67 | 61.1 | 42.8 | - | - | - |
| Kasota | 5.54 | 58.6 | 31.1 | - | - | - |
| Leger | 6.84 | 59.9 | 40.4 | - | - | - |
| Myriam | 7.20 | 61.1 | 41.9 | - | - | - |
| Sandrine | 7.43 | 63.6 | 40.3 | - | - | - |
| Stander | 6.63 | 62.3 | 38.3 | - | - | - |
| B1602 | 7.28 | 63.6 | 39.5 | - | - | - |
| MEAN | 6.57 | 62.3 | 42.6 | - | - | - |
| C.V. % | 8.8 | - | - | - | - | - |
| LSD (0.05) | 0.81 | - | - | - | - | - |

^a no. of days from seeding to maturity

DESCRIPTION OF CULTIVARS IN PERFORMANCE TRIALS, 1997

OATS

- AC Assiniboia (Robert 68(OT 275)) - a backcross of the crown rust resistance gene Pc68 into Robert developed by Agriculture Canada, Winnipeg. Registered in 1994., distributed by C & M Seeds.
- AC Francis (OA 961-1) - a white-hulled oat developed by AAFC from a complex cross with Newman and other lines. Registered in 1996, distributed by SeCan.
- AC Hunter (OA 804-5) - a white-hulled oat developed by Agriculture Canada, Ottawa from the cross 01146-9/OT210. Registered in 1992, distributed by SeCan.
- AC Rigodon (QO 256.39) - a white-hulled oat developed by Agriculture Canada, Ste-Foy from the cross Ogle//2897/Kent/3/QO174.19. Registered in 1992, distributed by SeCan.
- AC Stewart (OA 796-15) - a yellow-hulled oat developed by Agriculture Canada, Ottawa from the cross 4*Ogle/OT219. Registered in 1991, distributed by SeCan.
- Linwood (TO92022) - a yellow-hulled oat developed and distributed by W.G. Thompson & Sons Ltd. from a cross of QO220.9/OT239. Registered in 1996.
- Moffat (NY79083-42) - a white-hulled oat developed by Cornell University from the cross Ogle/Aurora II. Registered in 1996, distributed by W.G. Thomspon & Sons Ltd.
- OAC Paisley (GA 891234) - a yellow-hulled oat cultivar developed by OAC from the cross Ogle/OA630-2. Registered in 1995, distributed by SeCan.
- Triple Crown (SW 18352) - a white-hulled oat developed by Svalof-Wiebulls, tested and distributed by W.G. Thompson & Sons Ltd. Registered in 1997.
- Ultima - a white-hulled oat cultivar developed by Agriculture Canada (Ste. Foy), from the cross Manic//RL-2892/Kent. Registered in 1989, distributed by W.G. Thompson & Sons Ltd.
- OA952-3 - an oat developed by AAFC from a complex cross with Ogle and other lines. Registered in 1996. (Interim)
- CM-OT 269 - a white-hulled oat developed by the Winnipeg Research Station of Agriculture Canada. Supported for registration by OCCC in 1997.
- CM-OT 273 - a white-hulled oat developed by the Winnipeg Research Station of Agriculture Canada. Supported for registration by OCCC in 1997.
- CM-OT 276 - a white-hulled oat developed by the Winnipeg Research Station of Agriculture Canada. Supported for registration by OCCC in 1997.

- GA 921019 - a white oat developed by OAC from the cross Ogle/OA715-55//OA629-6//Ogle. Supported for registration by OCCC in 1997.
- GA 921021 - a white oat developed by OAC from the cross Ogle/OA715-55//OA629-6//Ogle. Supported for registration by OCCC in 1997.
- MI-0-88-22 - a white-hulled oat developed by Michigan State University from the cross ILL.79-5394/Ogle. Registration pending.
- MI-0-88-30 - a yellow-hulled oat developed by Michigan State University from the cross ILL.79-5394/Ogle. Registration pending.
- AC Baton - a hullless oat developed by AAFC from the cross 04441/04102-297. Registered in 1994, distributed by SeCan.
- AC Lotta
(NO 820-3) - a hullless oat developed by Agriculture Canada, Ottawa from the cross 04186/OA501-1. Registered in 1991, distributed by C & M Seeds.

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 1997

| Cultivar | II & IV(4)** | | III(2) | | V & VI(2) | | PROVINCE***(8) | |
|-----------------------|--------------|------|--------|------|-----------|------|----------------|-------|
| | t/ha | RANK | t/ha | RANK | t/ha | RANK | t/ha | lbs/a |
| AC Assiniboia | 4.16 | 8 | 3.26 | 6 | 7.10 | 5 | 4.67 | 4170 |
| AC Francis | 3.77 | 15 | 3.30 | 5 | 6.29 | 10 | 4.28 | 3823 |
| AC Hunter | - | - | 3.49 | 2 | - | - | - | - |
| AC Rigodon | 4.40 | 2 | 3.25 | 7 | 7.75 | 1 | 4.95 | 4420 |
| AC Stewart | 3.96 | 13 | 3.15 | 11 | 5.85 | 15 | 4.23 | 3776 |
| Linwood | 4.11 | 9 | - | - | - | - | - | - |
| Moffat | 4.27 | 6 | 3.05 | 12 | 6.84 | 6 | 4.61 | 4113 |
| OAC Paisley | 4.44 | 1 | 3.40 | 4 | 7.61 | 2 | 4.97 | 4439 |
| Triple Crown | 4.31 | 4 | 3.04 | 13 | 7.35 | 3 | 4.75 | 4243 |
| Ultima | - | - | 3.53 | 1 | - | - | - | - |
| OAC952-3 | 3.96 | 13 | 3.24 | 8 | 6.47 | 8 | 4.41 | 3934 |
| CM-OT269 | 4.18 | 7 | 2.79 | 17 | 6.41 | 9 | 4.39 | 3919 |
| CM-OT273 | 3.64 | 16 | 2.98 | 14 | 6.24 | 12 | 4.13 | 3683 |
| CM-OT276 | 4.06 | 10 | 3.46 | 3 | 7.21 | 4 | 4.70 | 4195 |
| GA921019 | 3.99 | 11 | 2.93 | 15 | 6.04 | 13 | 4.24 | 3783 |
| GA921021 | 3.99 | 11 | 2.88 | 16 | 6.29 | 10 | 4.29 | 3828 |
| MI-88-0-22 | 4.39 | 3 | 3.21 | 10 | 5.93 | 14 | 4.48 | 3999 |
| MI-88-0-30 | 4.28 | 5 | 3.24 | 8 | 6.60 | 7 | 4.60 | 4107 |
| mean | 4.12 | - | 3.19 | - | 6.67 | - | 4.51 | 3777 |
| AC Baton ¹ | 2.37 | 2 | 2.27 | 1 | 4.47 | 2 | 2.87 | 2563 |
| AC Lotta ¹ | 2.71 | 1 | 2.02 | 2 | 4.72 | 1 | 3.04 | 2713 |
| mean ¹ | 2.54 | - | 2.14 | - | 4.60 | - | 2.95 | 2638 |

* See attached map

** N. of locations

*** Weighted average

¹ hullless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1997

| Cultivar | II & IV | III | V & VI | PROVINCE |
|------------------------------|---------|------|--------|----------|
| AC Assiniboia | 101 | 102 | 106 | 104 |
| AC Francis | 92 | 103 | 94 | 95 |
| AC Hunter | - | 109 | - | - |
| AC Rigodon | 107 | 102 | 116 | 110 |
| AC Stewart | 96 | 99 | 88 | 94 |
| Linwood | 100 | - | - | - |
| Moffat | 104 | 95 | 103 | 102 |
| OAC Paisley | 108 | 107 | 114 | 110 |
| Triple Crown | 105 | 95 | 110 | 105 |
| Ultima | - | 111 | - | - |
| OA952-3 | 96 | 101 | 97 | 98 |
| CM-OT269 | 101 | 87 | 96 | 97 |
| CM-OT273 | 88 | 93 | 94 | 91 |
| CM-OT276 | 99 | 109 | 108 | 104 |
| GA921019 | 97 | 92 | 91 | 94 |
| GA921021 | 97 | 90 | 94 | 95 |
| MI-88-0-22 | 107 | 100 | 89 | 99 |
| MI-88-0-30 | 104 | 102 | 99 | 102 |
| mean yield t/ha | 4.12 | 3.19 | 6.67 | 4.51 |
| AC Baton ¹ | 93 | 106 | 97 | 97 |
| AC Lotta ¹ | 107 | 94 | 103 | 103 |
| mean yield t/ha ¹ | 2.54 | 2.14 | 4.60 | 2.95 |

¹hulless oats

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 1996-97

| Cultivar | II & IV(7)** | | III(3) | | V & VI(3) | | PROVINCE***(13) | |
|-----------------------|--------------|------|--------|------|-----------|------|-----------------|-------|
| | t/ha | RANK | t/ha | RANK | t/ha | RANK | t/ha | lbs/a |
| AC Assiniboia | 4.54 | 1 | 3.64 | 3 | 6.56 | 3 | 4.80 | 4284 |
| AC Francis | 4.09 | 6 | 3.38 | 8 | 6.20 | 5 | 4.41 | 3940 |
| AC Hunter | - | - | 3.59 | 4 | - | - | - | - |
| AC Rigodon | 4.29 | 4 | 3.66 | 1 | 7.22 | 2 | 4.82 | 4304 |
| AC Stewart | 3.93 | 7 | 3.49 | 5 | 5.66 | 6 | 4.23 | 3775 |
| Linwood | 4.16 | 5 | - | - | - | - | - | - |
| Moffat | 4.34 | 3 | 3.47 | 6 | - | - | - | - |
| OAC Paisley | 4.36 | 2 | 3.65 | 2 | 7.45 | 1 | 4.91 | 4383 |
| Ultima | - | - | 3.46 | 7 | - | - | - | - |
| OA952-3 | 3.85 | 8 | 3.32 | 9 | 6.28 | 4 | 4.29 | 3829 |
| mean | 4.20 | - | 3.52 | - | 6.56 | - | 4.58 | 4094 |
| AC Baton ¹ | 2.19 | 2 | 2.18 | 1 | 4.14 | 2 | 2.64 | 2355 |
| AC Lotta ¹ | 2.48 | 1 | 1.95 | 2 | 4.43 | 1 | 2.81 | 2507 |
| mean ¹ | 2.34 | - | 2.07 | - | 4.29 | - | 2.72 | 2431 |

* See attached map

** No. of locations

*** Weighted average

¹ hulless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1996-97

| Cultivar | II & IV | III | V & VI | PROVINCE |
|------------------------------|---------|------|--------|----------|
| AC Assiniboia | 108 | 103 | 100 | 105 |
| AC Francis | 97 | 96 | 95 | 96 |
| AC Hunter | - | 102 | - | - |
| AC Rigodon | 102 | 104 | 110 | 105 |
| AC Stewart | 94 | 99 | 86 | 92 |
| Linwood | 99 | - | - | - |
| Moffat | 103 | 99 | - | - |
| OAC Paisley | 104 | 104 | 114 | 107 |
| Ultima | - | 98 | - | - |
| OA952-3 | 92 | 94 | 96 | 94 |
| mean yield t/ha | 4.20 | 3.52 | 6.56 | 4.58 |
| AC Baton ¹ | 94 | 105 | 97 | 97 |
| AC Lotta ¹ | 106 | 94 | 103 | 103 |
| mean yield t/ha ¹ | 2.34 | 2.07 | 4.29 | 2.72 |

¹ hulless oats

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 1995-97

| Cultivar | II & IV(14)** | | III(3)**** | | V & VI (8) | | PROVINCE****(25) | |
|-----------------------|---------------|------|------------|------|------------|------|------------------|-------|
| | t/ha | RANK | t/ha | RANK | t/ha | RANK | t/ha | lbs/a |
| AC Assiniboia | 4.09 | 2 | 3.64 | 3 | 5.16 | 3 | 4.38 | 3909 |
| AC Hunter | - | - | 3.59 | 4 | - | - | - | - |
| AC Rigodon | 3.79 | 4 | 3.66 | 1 | 5.40 | 1 | 4.29 | 3830 |
| AC Stewart | 3.88 | 3 | 3.49 | 5 | 4.29 | 4 | 3.96 | 3540 |
| OAC Paisley | 4.10 | 1 | 3.65 | 2 | 5.24 | 2 | 4.41 | 3938 |
| Ultima | - | - | 3.46 | - | - | - | - | - |
| mean | 3.97 | - | 3.58 | - | 5.02 | - | 4.26 | 3804 |
| AC Lotta ¹ | 2.37 | 1 | 1.95 | 1 | 3.23 | 1 | 2.59 | 2317 |

- * See attached map
 ** No. of locations
 *** Weighted average
 **** 1996-97 data ONLY
¹ Hulless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1995-97

| Cultivar | II & IV | III* | V & VI | PROVINCE |
|------------------------------|---------|------|--------|----------|
| AC Assiniboia | 103 | 102 | 103 | 103 |
| AC Hunter | - | 100 | - | - |
| AC Rigodon | 95 | 102 | 108 | 101 |
| AC Stewart | 98 | 97 | 85 | 93 |
| OAC Paisley | 103 | 102 | 104 | 104 |
| Ultima | - | 97 | - | - |
| mean yield t/ha ¹ | 3.97 | 3.58 | 5.02 | 4.26 |
| AC Lotta ¹ | 100 | 100 | 100 | 100 |
| mean yield t/ha ¹ | 2.37 | 1.95 | 3.23 | 2.59 |

- ¹ hulless oats
 * 1996-97 ONLY

**TESTING AREA II & IV
OATS
AGRONOMIC DATA, 1997**

| Cultivar | Yield t/ha (4)* | wt/hl kg (4) | Kernel Weight g/1000 (4) | Height cm (4) | Lodging 0-9 (-) | Maturity ^a days (2) | Leaf Rust 0-9 (2) | Septoria 0-9 (3) | BYDV 0-9 (1) |
|---------------|-----------------------|--------------------|--------------------------------|---------------------|-----------------------|--------------------------------------|-------------------------|------------------------|--------------------|
| AC Assiniboia | 4.16 | 46.7 | 43.9 | 85 | - | 102 | 0.0 | 3.8 | 0.0 |
| AC Francis | 3.77 | 48.1 | 40.9 | 84 | - | 101 | 0.0 | 5.8 | 3.5 |
| AC Rigodon | 4.40 | 49.1 | 40.3 | 93 | - | 101 | 3.5 | 3.2 | 1.5 |
| AC Stewart | 3.96 | 46.8 | 42.2 | 83 | - | 100 | 5.0 | 5.3 | 3.5 |
| Linwood | 4.11 | 47.1 | 41.1 | 85 | - | 103 | 1.8 | 3.0 | 0.5 |
| Moffat | 4.27 | 46.5 | 34.7 | 73 | - | 102 | 2.0 | 3.2 | 1.5 |
| OAC Paisely | 4.44 | 48.4 | 35.8 | 83 | - | 100 | 4.5 | 4.2 | 1.0 |
| Triple Crown | 4.31 | 46.2 | 37.0 | 87 | - | 106 | 0.0 | 2.0 | 0.5 |
| OA952-3 | 3.96 | 47.1 | 36.7 | 89 | - | 102 | 4.3 | 5.3 | 3.5 |
| CM-OT269 | 4.18 | 51.1 | 40.0 | 87 | - | 102 | 0.5 | 3.8 | 0.5 |
| CM-OT273 | 3.64 | 49.0 | 33.3 | 76 | - | 101 | 0.0 | 5.5 | 1.0 |
| CM-OT276 | 4.06 | 47.1 | 40.9 | 81 | - | 102 | 0.0 | 3.0 | 0.5 |
| GA921019 | 3.99 | 47.7 | 36.8 | 84 | - | 96 | 0.8 | 4.5 | 4.5 |
| GA921021 | 3.99 | 48.5 | 36.6 | 87 | - | 101 | 0.8 | 3.7 | 2.0 |
| MI-88-0-22 | 4.39 | 49.2 | 36.3 | 85 | - | 101 | 0.0 | 3.3 | 3.0 |
| MI-88-0-30 | 4.28 | 48.4 | 38.5 | 86 | - | 101 | 0.8 | 4.5 | 3.0 |
| AC Baton | 2.37 | 55.0 | 31.0 | 91 | - | 101 | 4.0 | 5.0 | 3.5 |
| AC Lotta | 2.71 | 52.4 | 27.6 | 98 | - | 98 | 5.3 | 5.7 | 4.5 |

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1996-97

| Cultivar | Yield t/ha (7)* | wt/hl kg (7) | Kernel Weight g/1000 (7) | Height cm (6) | Lodging 0-9** (2) | Maturity ^a days (4) | Leaf Rust 0-9 (4) | Septoria 0-9 (4) |
|---------------|-----------------------|--------------------|--------------------------------|---------------------|-------------------------|--------------------------------------|-------------------------|------------------------|
| AC Assiniboia | 4.54 | 47.0 | 43.0 | 93 | 1.8 | 98 | 0.1 | 3.1 |
| AC Francis | 4.09 | 47.0 | 39.8 | 90 | 4.8 | 98 | 0.0 | 5.6 |
| AC Rigodon | 4.29 | 47.5 | 39.4 | 100 | 4.3 | 98 | 4.1 | 2.6 |
| AC Stewart | 3.93 | 44.6 | 40.2 | 92 | 3.0 | 97 | 5.1 | 5.0 |
| Linwood | 4.16 | 43.8 | 38.8 | 92 | 0.3 | 100 | 2.9 | 2.5 |
| Moffat | 4.34 | 44.6 | 34.8 | 82 | 5.0 | 99 | 2.9 | 2.6 |
| OAC Paisley | 4.36 | 45.7 | 35.9 | 93 | 2.8 | 97 | 4.4 | 3.9 |
| OA952-3 | 3.85 | 44.8 | 35.9 | 97 | 3.5 | 99 | 4.8 | 4.8 |
| AC Baton | 2.19 | 51.7 | 28.8 | 99 | 2.3 | 98 | 5.2 | 4.5 |
| AC Lotta | 2.48 | 51.2 | 26.8 | 106 | 3.3 | 96 | 5.4 | 5.5 |

^a no. of days from seeding to maturity

* no. of locations

**1996 data ONLY

**TESTING AREA II & IV
OATS
AGRONOMIC DATA, 1995-97**

| Cultivar | Yield | wt/hl | Kernel Weight | Height | Lodging | Maturity ^a | Leaf Rust | Septoria |
|---------------|---------------|------------|----------------|------------|--------------|-----------------------|------------|------------|
| | t/ha (14)* | kg (14) | g/1000 (14) | cm (12) | 0-9** (8) | days (8) | 0-9 (7) | 0-9 (7) |
| AC Assiniboia | 4.09 | 47.1 | 39.4 | 92 | 2.5 | 94 | 0.1 | 3.9 |
| AC Rigodon | 3.79 | 46.0 | 35.5 | 99 | 4.3 | 94 | 4.0 | 3.4 |
| AC Stewart | 3.88 | 45.0 | 38.1 | 89 | 3.4 | 90 | 5.0 | 4.8 |
| OAC Paisley | 4.10 | 45.4 | 34.9 | 91 | 1.9 | 92 | 4.3 | 4.7 |
| AC Lotta | 2.37 | 53.0 | 25.5 | 103 | 4.3 | 91 | 5.6 | 5.1 |

^a no. of days from seeding to maturity

* no. of locations

**1995-96 data ONLY

**TESTING AREA II & IV
OATS
Yield data for 1997**

| Cultivar | Oxford | Wellington I | Huron I | Huron II | Average | | | |
|---------------|--------|--------------|---------|----------|---------|------|------|-------|
| | | | | | t/ha | Rank | lb/a | bu/a |
| AC Assiniboia | 3855 | 4417 | 4432 | 3952 | 4.16 | 8 | 3714 | 109.2 |
| AC Francis | 3272 | 4274 | 3841 | 3680 | 3.77 | 15 | 3366 | 99.0 |
| AC Ridogon | 3498 | 5175 | 4988 | 3936 | 4.40 | 2 | 3929 | 115.5 |
| AC Stewart | 3098 | 4926 | 4505 | 3314 | 3.96 | 13 | 3536 | 104.0 |
| Linwood | 3799 | 4563 | 4807 | 3264 | 4.11 | 9 | 3670 | 107.9 |
| Moffat | 3497 | 5187 | 5109 | 3290 | 4.27 | 6 | 3813 | 112.1 |
| OAC Paisley | 3538 | 5405 | 5193 | 3625 | 4.44 | 1 | 3964 | 116.6 |
| Triple Crown | 3181 | 5698 | 5097 | 3278 | 4.31 | 4 | 3848 | 113.2 |
| OA952-3 | 3416 | 4068 | 4444 | 3926 | 3.96 | 13 | 3536 | 104.0 |
| CM-OT269 | 3964 | 4816 | 4686 | 3240 | 4.18 | 7 | 3732 | 109.8 |
| CM-OT273 | 3108 | 3931 | 4287 | 3235 | 3.64 | 16 | 3250 | 95.6 |
| CM-OT276 | 3890 | 4509 | 4565 | 3274 | 4.06 | 10 | 3625 | 106.6 |
| GA921019 | 3145 | 4871 | 4179 | 3745 | 3.99 | 11 | 3563 | 104.8 |
| GA921021 | 3265 | 4977 | 4457 | 3246 | 3.99 | 11 | 3563 | 104.8 |
| MI-88-0-22 | 3544 | 5440 | 4650 | 3909 | 4.39 | 3 | 3920 | 115.3 |
| MI-88-0-30 | 3437 | 5389 | 4565 | 3730 | 4.28 | 5 | 3821 | 112.4 |
| AC Baton | 2202 | 2736 | 2524 | 2035 | 2.37 | 18 | 2116 | - |
| AC Lotta | 2214 | 2951 | 2766 | 2906 | 2.71 | 17 | 2420 | - |
| MEAN | 3329 | 4630 | 4394 | 3421 | 3.09 | - | 2756 | - |
| C.V. % | 9.7 | 5.1 | 7.1 | 11.3 | 8.3 | - | - | - |
| LSD (0.05) | 384 | 281 | 444 | 547 | 0.41 | - | - | - |

**TESTING AREA III
OATS
AGRONOMIC DATA, 1997**

| | Yield t/ha (2)* | wt/hl kg (2) | Kernel Weight g/1000 (2) | Height cm (2) | Lodging 0-9 (-) | Maturity ^a days (-) |
|---------------|-----------------------|--------------------|--------------------------------|---------------------|-----------------------|--------------------------------------|
| AC Assiniboia | 3.26 | 49.9 | 38.4 | 76 | - | - |
| AC Francis | 3.30 | 52.1 | 38.4 | 73 | - | - |
| AC Hunter | 3.49 | 50.2 | 39.6 | 82 | - | - |
| AC Rigodon | 3.25 | 50.3 | 36.4 | 77 | - | - |
| AC Stewart | 3.15 | 48.9 | 38.7 | 68 | - | - |
| Moffat | 3.05 | 49.9 | 32.0 | 62 | - | - |
| OAC Paisley | 3.40 | 50.0 | 36.7 | 71 | - | - |
| Triple Crown | 3.04 | 49.1 | 32.8 | 79 | - | - |
| Ultima | 3.53 | 51.4 | 36.9 | 73 | - | - |
| OA952-3 | 3.24 | 50.9 | 36.3 | 76 | - | - |
| CM-OT269 | 2.79 | 53.4 | 36.1 | 76 | - | - |
| CM-OT273 | 2.98 | 50.4 | 31.5 | 63 | - | - |
| CM-OT276 | 3.46 | 49.7 | 37.6 | 74 | - | - |
| GA921019 | 2.93 | 47.5 | 29.2 | 70 | - | - |
| GA921021 | 2.88 | 50.4 | 32.0 | 74 | - | - |
| MI-88-0-22 | 3.21 | 51.3 | 31.9 | 70 | - | - |
| MI-88-0-30 | 3.24 | 51.8 | 35.7 | 74 | - | - |
| AC Baton | 2.27 | 65.5 | 32.9 | 76 | - | - |
| AC Lotta | 2.02 | 61.9 | 29.6 | 84 | - | - |

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1996-97

| | Yield t/ha (2)* | wt/hl kg (3) | Kernel Weight g/1000 (3) | Height cm (3) | Lodging 0-9** (1) | Maturity ^a days (-) | Leaf Rust 0-9** (1) |
|---------------|-----------------------|--------------------|--------------------------------|---------------------|-------------------------|--------------------------------------|---------------------------|
| AC Assiniboia | 3.64 | 52.1 | 38.9 | 84 | 1.3 | - | 0.0 |
| AC Francis | 3.38 | 53.8 | 38.6 | 81 | 6.8 | - | 0.0 |
| AC Hunter | 3.59 | 51.3 | 37.7 | 90 | 4.0 | - | 0.3 |
| AC Rigodon | 3.66 | 53.1 | 36.5 | 85 | 2.0 | - | 1.0 |
| AC Stewart | 3.49 | 50.4 | 39.2 | 77 | 2.8 | - | 1.0 |
| Moffat | 3.47 | 52.3 | 31.7 | 69 | 2.0 | - | 0.5 |
| OAC Paisley | 3.65 | 51.8 | 36.6 | 79 | 2.3 | - | 1.0 |
| Ultima | 3.46 | 51.9 | 34.2 | 82 | 3.5 | - | 1.0 |
| OA952-3 | 3.32 | 51.9 | 35.8 | 83 | 7.5 | - | 1.0 |
| AC Baton | 2.18 | 62.5 | 33.5 | 84 | 7.0 | - | 1.0 |
| AC Lotta | 1.95 | 60.6 | 26.9 | 91 | 8.0 | - | 1.0 |

^a no. of days from seeding to maturity

* no. of locations

** 1996 DATA only

**TESTING AREA III
OATS
AGRONOMIC DATA, 1995-97**

| Cultivar | Yield t/ha** (3)* | wt/hl kg (4) | Kernel weight g/1000 (4) | Height cm (5) | Lodging 0-9*** (2) | Maturity ^a days**** (1) |
|--------------|-------------------------|--------------------|--------------------------------|---------------------|--------------------------|--|
| AC Assinboia | 3.64 | 54.6 | 38.5 | 85 | 2.7 | 97 |
| AC Hunter | 3.59 | 54.1 | 36.8 | 89 | 2.0 | 99 |
| AC Rigodon | 3.66 | 55.7 | 35.8 | 85 | 1.5 | 87 |
| AC Stewart | 3.49 | 51.9 | 38.1 | 77 | 1.4 | 83 |
| OAC Paisley | 3.65 | 53.8 | 35.7 | 79 | 1.2 | 86 |
| Ultima | 3.46 | 54.2 | 33.8 | 82 | 1.8 | 98 |
| AC Lotta | 1.95 | 59.2 | 27.8 | 91 | 4.0 | 97 |

^a no. of days from seeding to maturity

* no. of locations

** 1996-97 data ONLY

*** 1995-96 data ONLY

**** 1995 data ONLY

**TESTING AREA III
OATS
Yield data for 1997**

| Cultivar | Carleton I | Grenville | Average | | | |
|---------------|------------|-----------|---------|------|------|------|
| | | | t/ha | Rank | lb/a | bu/a |
| AC Assiniboia | 3694 | 2825 | 3.26 | 6 | 2910 | 85.6 |
| AC Francis | 3584 | 3013 | 3.30 | 5 | 2945 | 86.6 |
| AC Hunter | 3554 | 3424 | 3.49 | 2 | 3115 | 91.6 |
| AC Rigodon | 3881 | 2622 | 3.25 | 7 | 2903 | 85.4 |
| AC Stewart | 3266 | 3030 | 3.15 | 11 | 2811 | 82.7 |
| Moffat | 3488 | 2603 | 3.05 | 12 | 2719 | 80.0 |
| OAC Paisley | 3470 | 3327 | 3.40 | 4 | 3034 | 89.2 |
| Triple Crown | 2630 | 3451 | 3.04 | 13 | 2715 | 79.8 |
| Ultima | 3613 | 3444 | 3.53 | 1 | 3150 | 92.7 |
| OA952-3 | 3476 | 2997 | 3.24 | 8 | 2890 | 85.0 |
| CM-OT269 | 2771 | 2802 | 2.79 | 17 | 2488 | 73.2 |
| CM-OT273 | 3030 | 2933 | 2.98 | 14 | 2662 | 78.3 |
| CM-OT276 | 3369 | 3554 | 3.46 | 3 | 3091 | 90.9 |
| GA921019 | 3401 | 2454 | 2.93 | 15 | 2614 | 76.9 |
| GA921021 | 3047 | 2716 | 2.88 | 16 | 2573 | 75.7 |
| MI-88-0-22 | 3102 | 3308 | 3.21 | 10 | 2862 | 84.2 |
| MI-88-0-30 | 3228 | 3249 | 3.24 | 8 | 2892 | 85.0 |
| AC Baton | 2627 | 1919 | 2.27 | 18 | 2029 | - |
| AC Lotta | 2830 | 1200 | 2.02 | 19 | 1799 | - |
| MEAN | 3266 | 2888 | 3.08 | - | 2747 | - |
| C.V. % | 6.9 | 11.8 | 9.4 | - | - | - |
| LSD (0.05) | 265 | 482 | 0.37 | - | - | - |

**TESTING AREA V & VI
OATS
AGRONOMIC DATA, 1997**

| | Yield t/ha (2)* | wt/hl kg (3) | Kernel Weight g/1000 (3) | Height cm (2) | Lodging 0-9 (1) | Maturity ^a days (1) |
|---------------|-----------------------|--------------------|--------------------------------|---------------------|-----------------------|--------------------------------------|
| AC Assiniboia | 7.10 | 47.0 | 36.7 | 102 | 0.0 | 102 |
| AC Francis | 6.29 | 47.7 | 33.4 | 96 | 2.0 | 100 |
| AC Rigodon | 7.75 | 48.2 | 37.3 | 106 | 1.0 | 99 |
| AC Stewart | 5.85 | 47.7 | 35.6 | 88 | 0.0 | 100 |
| Moffat | 6.84 | 47.8 | 30.4 | 86 | 0.0 | 101 |
| OAC Paisley | 7.61 | 48.0 | 35.5 | 96 | 0.0 | 101 |
| Triple Crown | 7.35 | 43.3 | 33.1 | 106 | 0.0 | 98 |
| OA952-3 | 6.47 | 47.4 | 34.5 | 95 | 0.0 | 103 |
| CM-OT269 | 6.41 | 53.4 | 34.4 | 101 | 0.0 | 102 |
| CM-OT273 | 6.24 | 50.8 | 31.1 | 87 | 0.0 | 101 |
| CM-OT276 | 7.21 | 49.9 | 36.0 | 105 | 0.0 | 101 |
| GA921019 | 6.04 | 44.8 | 29.6 | 92 | 3.0 | 97 |
| GA921021 | 6.29 | 50.3 | 32.0 | 101 | 0.0 | 101 |
| MI-88-0-22 | 5.93 | 48.5 | 31.1 | 94 | 0.0 | 101 |
| MI-88-0-30 | 6.60 | 45.2 | 33.0 | 94 | 0.0 | 102 |
| AC Baton | 4.47 | 58.4 | 28.7 | 106 | 0.0 | 98 |
| AC Lotta | 4.72 | 57.8 | 30.5 | 102 | 0.0 | 100 |

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1996-97

| Cultivar | Yield t/ha (3)* | wt/hl kg (4) | Kernel Weight g/1000 (4) | Height cm (3) | Lodging 0-9* (2) | Maturity ^a days (2) |
|--------------|-----------------------|--------------------|--------------------------------|---------------------|------------------------|--------------------------------------|
| AC Assinboia | 6.56 | 47.8 | 36.8 | 100 | 1.0 | 103 |
| AC Francis | 6.20 | 47.7 | 33.4 | 97 | 2.5 | 101 |
| AC Rigodon | 7.22 | 48.9 | 37.3 | 103 | 2.5 | 102 |
| AC Stewart | 5.66 | 47.3 | 36.5 | 89 | 1.5 | 101 |
| OAC Paisley | 7.45 | 48.5 | 35.7 | 96 | 0.5 | 102 |
| OA952-3 | 6.28 | 47.1 | 34.2 | 95 | 1.5 | 103 |
| AC Baton | 4.14 | 58.2 | 28.4 | 105 | 2.0 | 101 |
| AC Lotta | 4.43 | 58.0 | 30.7 | 103 | 0.5 | 101 |

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA V & VI
OATS
AGRONOMIC DATA, 1995-97**

| Cultivar | Yield t/ha (8)* | wt/hl kg (9) | Kernel Weight g/1000 (9) | Height cm (8) | Lodging 0-9 (3) | Maturity ^a days (5) |
|--------------|-----------------------|--------------------|--------------------------------|---------------------|-----------------------|--------------------------------------|
| AC Assinboia | 5.16 | 45.0 | 35.4 | 92 | 0.6 | 99 |
| AC Rigodon | 5.40 | 46.2 | 36.6 | 96 | 2.3 | 98 |
| AC Stewart | 4.29 | 43.7 | 35.7 | 84 | 1.0 | 97 |
| OAC Paisley | 5.24 | 43.7 | 34.5 | 89 | 0.3 | 97 |
| AC Lotta | 3.23 | 52.9 | 29.5 | 98 | 1.3 | 97 |

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA V & VI
OATS
Yield data for 1997**

| Cultivar | Thunder Bay | Nipissing District | Average | | | |
|---------------|----------------|-----------------------|---------|------|------|-------|
| | | | t/ha | Rank | lb/a | bu/a |
| AC Assiniboia | 7747 | 6459 | 7.10 | 5 | 6339 | 186.4 |
| AC Francis | 6956 | 5628 | 6.29 | 10 | 5616 | 165.2 |
| AC Rigodon | 8371 | 7122 | 7.75 | 1 | 6920 | 203.5 |
| AC Stewart | 6600 | 5103 | 5.85 | 15 | 5223 | 153.6 |
| Moffat | 7382 | 6303 | 6.84 | 6 | 6107 | 179.6 |
| OAC Paisley | 7890 | 7335 | 7.61 | 2 | 6795 | 199.8 |
| Triple Crown | 8204 | 6499 | 7.35 | 3 | 6563 | 193.0 |
| OA952-3 | 6930 | 6003 | 6.47 | 8 | 5777 | 169.9 |
| CM-OT269 | 6870 | 5953 | 6.41 | 9 | 5723 | 168.3 |
| CM-OT273 | 6590 | 5893 | 6.24 | 12 | 5571 | 163.9 |
| CM-OT276 | 8006 | 6412 | 7.21 | 4 | 6438 | 189.3 |
| GA921019 | 5971 | 6107 | 6.04 | 13 | 5393 | 158.6 |
| GA921021 | 6893 | 5686 | 6.29 | 10 | 5616 | 165.2 |
| MI-0-88-22 | 5771 | 6095 | 5.93 | 14 | 5295 | 155.7 |
| MI-0-88-30 | 6948 | 6251 | 6.60 | 7 | 5893 | 173.3 |
| AC Baton | 5264 | 3685 | 4.48 | 17 | 4000 | - |
| AC Lotta | 5122 | 4308 | 4.72 | 16 | 4214 | - |
| MEAN | 6913 | 5932 | 6.42 | - | 5732 | - |
| C.V. % | 6.5 | 9.9 | 8.2 | - | - | - |
| LSD (0.05) | 634 | 834 | 0.73 | - | - | - |

INFORMATION ONLY - KAPUSKASING LOCATION
TESTING AREA V & VI
OATS
AGRONOMIC DATA, 1997

| Cultivar | Yield t/ha | wt/hl kg | Kernel Weight g/1000 | Height cm | Lodging 0-9 | Maturity ^a days |
|---------------|---------------|-------------|-------------------------|--------------|----------------|-------------------------------|
| AC Assiniboia | 5.80 | 52.5 | 35.2 | 85 | - | 100 |
| AC Francis | 6.30 | 55.5 | 36.5 | 85 | - | 100 |
| AC Rigodon | 6.40 | 56.8 | 37.4 | 89 | - | 102 |
| AC Stewart | 6.22 | 52.8 | 37.8 | 80 | - | 97 |
| Moffat | 5.50 | 53.1 | 29.5 | 69 | - | 99 |
| OAC Paisley | 6.31 | 53.4 | 35.2 | 80 | - | 99 |
| Triple Crown | 5.20 | 52.2 | 34.8 | 88 | - | 103 |
| OA952-3 | 6.03 | 51.5 | 36.4 | 84 | - | 102 |
| CM-OT269 | 4.80 | 58.7 | 34.4 | 87 | - | 102 |
| CM-OT273 | 4.88 | 55.8 | 31.4 | 74 | - | 103 |
| CM-OT276 | 5.88 | 53.4 | 35.9 | 84 | - | 103 |
| GA921019 | 5.31 | 52.6 | 30.7 | 85 | - | 96 |
| GA921021 | 5.06 | 54.6 | 31.5 | 86 | - | 101 |
| MI-0-88-22 | 5.43 | 52.2 | 31.5 | 82 | - | 102 |
| MI-0-88-30 | 5.58 | 51.1 | 33.4 | 81 | - | 102 |
| AC Baton | 4.35 | 65.5 | 31.4 | 92 | - | 103 |
| AC Lotta | 4.36 | 63.8 | 30.4 | 94 | - | 99 |
| MEAN | 5.44 | 55 | 33.7 | 84 | - | 101 |
| C.V. % | 8.2 | - | - | - | - | - |
| LSD (0.05) | 0.64 | - | - | - | - | - |

^a no. of days from seeding to maturity

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

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LEGEND

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

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

LOCATIONS ABBREVIATIONS

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

WHEAT CLASS ABBREVIATIONS

| | |
|------|----------------------|
| HRW | HARD RED WINTER |
| SPRW | SPECIALTY RED WINTER |
| SRW | SOFT RED WINTER |
| SWW | SOFT WHITE WINTER |
| -a | AWNED |

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

DESCRIPTION OF VARIETIES/LINES TESTED

- VARIETY NAME;CLASS TYPE: EXPERIMENTAL DESIGNATION - PEDIGREE - BREEDER,INSTITUTE - SPONSOR, DISTRIBUTOR - DATE, NUMBER AND TYPE OF REGISTRATION.
- 1 Harus;SWW: Fredrick/Yorkstar - A.Teich, Agriculture & Agri-Food Canada, Harrow, ON - SeCan - 04/85, 2518, Full Registration for Canada.
 - 2 Karena;SWW: Augusta/H11(Harus Bulk) L. Shugar, W.G.Thompson & Sons Ltd. - Hyland Seeds, W.G.Thompson & Sons Ltd.- 05/1991, 3445, Full Registration for Canada.
 - 3 AC-Ron;SWW: Harus/Augusta - A.Teich, Agriculture & Agri-Food Canada, Harrow - SeCan - 03/95, 3552, Full Registration for Canada.
 - 4 OAC-Ariss;SWW: Yorkstar/Fredrick - L.A. Hunt, University of Guelph - SeCan - 02/1995, 4061, Full Registration for Canada
 - 5 Casey;SRW: Fredrick/O-459-2//Augusta/O-472-3 - L. Shugar, W.G.Thompson & Sons Ltd. - Hyland Seeds, W.G.Thompson & Sons Ltd.- 11/1992, 3660, Regional Registration for NFD,PEI,NS,NB,ON,PQ.
 - 6 Ruby;SPRW: Fredrick/Priboy, L.Shugar, W.G.Thompson & Sons Ltd.- Hyland Seeds, W.G.Thompson & Sons Ltd. - 08/1991, 3461, Regional Registration for NFD,PEI,NS,NB,ON,PQ.
 - 7 Fundulea;HRW: Aurora/Riley.67 - Fundulea Research Institute,Romania C&M Seeds - Regional Registration for NFD,PEI,NS,NB,ON,PQ.
 - 8 Diana;SWW: Ionia/2*Ticonderoga//Aug - L. Shugar, W.G.Thompson & Sons Ltd. - Hyland Seeds, W.G.Thompson & Sons Ltd.- 05/1996, 4337, Full Registration for Canada.
 - 9 Marilee;SWW: Yorkstar sel./Fredrick//Houser/3/OAC82-14 - L. Shugar, W.G.Thompson & Sons Ltd. - Hyland Seeds, W.G.Thompson & Sons Ltd. - 12/1994, 4037, Full Registration for Canada.
 - 10 Freedom;SRW: GR876/OH217(OH217=Logan*3/3/Va63-52-12/Loban//Blueboy-F2) - Ohio State University - C&M Seeds - 08/1995, I-180, Interim Regional Registration for NFD,PEI,NS,NB,ON,PQ.
 - 11 AC-Dexter;SWW: PRCW9201 - Houser/MIB5008 - Radhey Pandeya, Agriculture and Agri-Food Canada, Ottawa,ON, Registration pending.
 - 13 AC-Morley;HRW: H242:31:1- Siouxland/Perlo - Abe Teich, Agriculture and Agri-Food Canada, Harrow,ON - Advantage Seed Growers and Processors Inc. R.R. #1, Inkerman, ON, KOE 1J0 - 08/1997, I-228 Interim Regional Registration for NFD,PEI,NS,NB,ON,PQ.
 - 14 2737W;SWW: FKM/Pioneer variety 2550//Pioneer line W9018A/Houser - Bill Laskar, Pioneer Hi-Bred International,Inc.,Indiana - Pioneer Hi-Bred Ltd., Chatham, ON. - 07/95, 4159, Full Registration for Canada.
 - 15 2510;SRW: Aurora/Pioneer 2550 sib//Pioneer variety 2553/Caldwell - Bill Laskar, Pioneer Hi-Bred International Inc.,Indiana - Pioneer Hi-Bred Ltd., Chatham,ON. - 08/95, 4165, Regional Registration for NFD,PEI,NS,NB,ON,PQ.

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

DESCRIPTION OF VARIETIES/LINES TESTED

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

- 16 25W33;SWW-a: XW741 - Pioneer variety 2548/Pioneer variety 2555 sib - Bill Laskar, Pioneer Hi-Bred International Inc., Indiana - Pioneer Hi-Bred Ltd., Chatham, ON.- 03/1997, 4523, Registered for all provinces except Quebec.
- 17 Hanover;HRW: SEMU34208 - Iljitshovka/Hadm.6508/74 - Dr.W.Porche,Semundo Saatzucht, Germany, - Hyland Seeds, W.G.Thompson & Sons Ltd.- 04/1996, 4301, Regional Registration for NFD,PEI,NS,NB,ON,PQ.
- 18 Mendon;SRW: X0467/B2141//B5250 - Michigan State Univ.- W.G.Thompson & Sons Ltd. - Hyland Seeds, W.G.Thompson & Sons Ltd.- 04/1996, 4302, Regional Registration for NFD,PEI,NS,NB,ON,PQ.
- 19 F93012-M3;SRW: Ohio state University/Ohio Agricultural Research and Development Centre, Wooster, Ohio - Advantage Seed Growers & Processors - Registration pending.
- 20 OAC Montrose;HRW: OAC93R:12 - Monopol/Fundulea - Dr.L.A.Hunt, University of Guelph - SeCan - 12/1996, I-214 Interim Regional Registration for NFD,PEI,NS,NB,ON,PQ.
- 21 CM94090;HRW: 18.178/Aurora//F1684/Pterzia - Pflanzenzucht Oberlimpurg - C&M Seeds - Registration Pending.
- 22 2540;SRW-a: Pioneer line W9018A/2555 sib//Stella/Caldwell - Bill Laskar, Pioneer Hi-Bred International Inc., Indiana - Pioneer Hi-Bred Ltd., Chatham, ON. - 08/1997, I-230, Interim Registration for ON.
- 23 25R57;SRW: Augusta/Pioneer variety 2555//2548 - Bill Laskar, Pioneer Hi-Bred International Inc., Indiana - Pioneer Hi-Bred Ltd., Chatham, ON. - 08/1997, I-231, Interim Registration for ON.
- 24 AC Readymade;HRW: W188 - 86-0099/87-0160 - Agriculture & Agri-Food Canada, Lethbridge AB - SeCan - 12/91, 3490, Full Registration for Canada.
- 25 HURON;SWW: CO250/B7101//PIONEER W7021R - W.G.Thompson & Sons Ltd./Hensall District Coop. - 08/97, I229, Interim Registration for Canada.
- 26 TW91203;SWW: O65-5-1/OAC82-14 - L. Shugar, W.G.Thompson & Sons Ltd. - Registration Pending
- 27 TW93211;SWW: Rebecca/Harus - L. Shugar, W.G.Thompson & Sons Ltd. - Registration Pending.
- 28 TW92405;SRW: TW85129/TW83709 - L. Shugar, W.G.Thompson & Sons Ltd. - not Registered
- 29 CDC Clair;HRW-a: Crop Development Centre, Saskatchewan - Hyland Seeds, W.G.Thompson & Sons Ltd.

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX
YEAR(S) : 93-97

| KEY NAME | AREA I (15)* MEAN | AREA II (28) MEAN | AREA I-III(50)** MEAN |
|-----------------|----------------------|----------------------|--------------------------|
| 1 HARUS;SWW | 96.0 | 98.3 | 97.2 |
| 2 KARENA;SWW | 98.1 | 99.3 | 99.5 |
| 3 AC RON;SWW | 101.8 | 101.8 | 102.3 |
| 4 OAC ARISS;SWW | 100.4 | 100.7 | 100.3 |
| 5 CASEY;SRW | 97.7 | 99.9 | 99.6 |
| 6 RUBY;SPRW | 105.3 | 99.8 | 100.5 |
| 7 FUNDULEA;HRW | 104.5 | 101.0 | 101.6 |
| 8 DIANA;SWW | 96.4 | 99.2 | 98.9 |
| OVERALL MEAN | 5.23 | 5.20 | 5.22 |

TRAIT : YIELD INDEX
YEAR(S) : 94-97

| KEY NAME | AREA I (14)* MEAN | AREA II (22) MEAN | AREA I-III(41)** MEAN |
|-----------------|----------------------|----------------------|--------------------------|
| 1 HARUS;SWW | 96.0 | 95.7 | 95.7 |
| 2 KARENA;SWW | 98.8 | 100.3 | 99.8 |
| 3 AC RON;SWW | 102.5 | 102.0 | 102.7 |
| 4 OAC ARISS;SWW | 100.8 | 101.8 | 100.7 |
| 5 CASEY;SRW | 97.2 | 98.5 | 98.5 |
| 6 RUBY;SPRW | 105.4 | 99.9 | 101.0 |
| 7 FUNDULEA;HRW | 104.2 | 97.9 | 100.1 |
| 8 DIANA;SWW | 96.7 | 99.3 | 98.9 |
| 9 MARILEE,SWW | 98.3 | 104.6 | 102.7 |
| OVERALL MEAN | 5.26 | 5.51 | 5.41 |

TRAIT : YIELD INDEX
YEAR(S) : 95-97

| KEY NAME | AREA I (11)* MEAN | AREA II (16) MEAN | AREA I-III(30)** MEAN |
|-----------------|----------------------|----------------------|--------------------------|
| 1 HARUS;SWW | 94.6 | 95.4 | 95.0 |
| 2 KARENA;SWW | 97.9 | 99.6 | 98.8 |
| 3 AC RON;SWW | 102.2 | 100.8 | 101.8 |
| 4 OAC ARISS;SWW | 100.7 | 101.4 | 100.9 |
| 5 CASEY;SRW | 95.8 | 97.2 | 97.2 |
| 6 RUBY;SPRW | 104.8 | 100.0 | 101.4 |
| 7 FUNDULEA;HRW | 103.9 | 98.1 | 100.0 |
| 8 DIANA;SWW | 94.8 | 97.2 | 96.8 |
| 9 MARILEE,SWW | 96.9 | 104.3 | 101.3 |
| 10 FREEDOM;SRW | 108.5 | 106.0 | 106.7 |
| OVERALL MEAN | 5.29 | 5.55 | 5.39 |

* # OF LOCATIONS
** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX
YEAR(S) : 96-97

| KEY NAME | AREA I (7)* | AREA II (8) | AREA I-III(16)** |
|------------------|-------------|-------------|------------------|
| | MEAN | MEAN | MEAN |
| 1 HARUS;SWW | 91.4 | 94.3 | 92.7 |
| 2 KARENA;SWW | 95.5 | 102.3 | 98.6 |
| 3 AC RON;SWW | 99.8 | 97.5 | 99.4 |
| 4 OAC ARISS;SWW | 100.7 | 102.6 | 101.1 |
| 5 CASEY;SRW | 90.5 | 94.9 | 93.4 |
| 6 RUBY;SPRW | 103.2 | 101.7 | 102.5 |
| 7 FUNDULEA;HRW | 100.4 | 96.9 | 97.8 |
| 8 DIANA;SWW | 93.6 | 97.2 | 96.0 |
| 9 MARILEE;SWW | 97.7 | 106.6 | 102.5 |
| 10 FREEDOM;SRW | 106.0 | 107.2 | 106.2 |
| 11 AC DEXTER;SWW | 97.5 | 88.6 | 93.4 |
| 13 AC MORLEY;HRW | 99.3 | 107.1 | 102.6 |
| 14 2737W;SWW | 107.4 | 97.9 | 103.3 |
| 15 2510;SRW | 111.1 | 106.8 | 107.8 |
| 16 25W33;SWW-a | 105.5 | 107.1 | 106.8 |
| 17 HANOVER;HRW | 92.3 | 95.0 | 94.8 |
| 18 MENDON;SRW | 107.9 | 99.7 | 102.8 |
| 19 F93012-M3;SRW | 100.3 | 96.4 | 98.2 |
| OVERALL MEAN | 4.85 | 5.15 | 5.02 |

TRAIT : YIELD INDEX
YEAR : 97

| KEY NAME | AREA I (3)* | AREA II (4) | AREA I-II (7)** |
|---------------------|-------------|-------------|-----------------|
| | MEAN | MEAN | MEAN |
| 1 HARUS;SWW | 97.2 | 96.3 | 96.7 |
| 2 KARENA;SWW | 102.5 | 105.1 | 104.0 |
| 3 AC RON;SWW | 104.6 | 102.3 | 103.3 |
| 4 OAC ARISS;SWW | 105.0 | 106.3 | 105.7 |
| 5 CASEY;SRW | 93.3 | 92.5 | 92.9 |
| 6 RUBY;SPRW | 98.2 | 99.5 | 98.9 |
| 7 FUNDULEA;HRW | 103.9 | 99.0 | 101.1 |
| 8 DIANA;SWW | 97.6 | 98.9 | 98.4 |
| 9 MARILEE;SWW | 96.6 | 107.9 | 103.1 |
| 10 FREEDOM;SRW | 105.5 | 107.1 | 106.4 |
| 11 AC DEXTER;SWW | 92.2 | 98.0 | 95.5 |
| 13 AC MORLEY;HRW | 99.5 | 102.0 | 100.9 |
| 14 2737W;SWW | 107.1 | 105.0 | 105.9 |
| 15 2510;SRW | 109.0 | 105.4 | 106.9 |
| 16 25W33;SWW-a | 109.6 | 101.3 | 104.8 |
| 17 HANOVER;HRW | 92.9 | 95.8 | 94.6 |
| 18 MENDON;SRW | 105.7 | 99.3 | 102.0 |
| 19 F93012-M3;SRW | 105.9 | 97.4 | 101.0 |
| 20 OAC MONTROSE;HRW | 97.2 | 96.6 | 96.9 |
| 21 CM94090;HRW | 97.5 | 96.3 | 96.8 |
| 22 2540;SRW-a | 115.9 | 104.2 | 109.2 |
| 23 25R57;SRW | 102.6 | 105.3 | 104.1 |
| 24 AC READYMADE;HRW | 72.8 | 79.5 | 76.6 |
| 25 HURON;SWW | 106.1 | 99.1 | 102.1 |
| 26 TW91203;SWW | 103.0 | 105.5 | 104.5 |
| 27 TW93211;SWW | 104.1 | 106.1 | 105.2 |
| 28 TW92405;SRW | 100.1 | 100.3 | 100.2 |
| 29 CDC CLAIR;HRW-a | 74.6 | 88.0 | 82.2 |
| OVERALL MEAN | 5.44 | 5.70 | 5.59 |

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

TRAIT : YIELD
 YEAR(S) : 93-97
 AREA(S) : 1-3

| KEY NAME | AREA I (15)* | AREA II (28) | AREA I-III(50)** |
|-----------------|--------------|--------------|------------------|
| | MEAN | MEAN | MEAN |
| 1 HARUS;SWW | 5.03 | 5.09 | 5.07 |
| 2 KARENA;SWW | 5.16 | 5.18 | 5.21 |
| 3 AC RON;SWW | 5.36 | 5.32 | 5.36 |
| 4 OAC ARISS;SWW | 5.25 | 5.25 | 5.23 |
| 5 CASEY;SRW | 5.13 | 5.21 | 5.21 |
| 6 RUBY;SPRW | 5.46 | 5.19 | 5.23 |
| 7 FUNDULEA;HRW | 5.46 | 5.20 | 5.27 |
| 8 DIANA;SWW | 5.02 | 5.17 | 5.17 |
| OVERALL MEAN | 5.23 | 5.20 | 5.22 |

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX
 YEAR(S) : 93-97
 AREA(S) : 1-3

| KEY NAME | AREA I (15)* | AREA II (28) | AREA I-III(50)** |
|-----------------|--------------|--------------|------------------|
| | MEAN | MEAN | MEAN |
| 1 HARUS;SWW | 96.0 | 98.3 | 97.2 |
| 2 KARENA;SWW | 98.1 | 99.3 | 99.5 |
| 3 AC RON;SWW | 101.8 | 101.8 | 102.3 |
| 4 OAC ARISS;SWW | 100.4 | 100.7 | 100.3 |
| 5 CASEY;SRW | 97.7 | 99.9 | 99.6 |
| 6 RUBY;SPRW | 105.3 | 99.8 | 100.5 |
| 7 FUNDULEA;HRW | 104.5 | 101.0 | 101.6 |
| 8 DIANA;SWW | 96.4 | 99.2 | 98.9 |
| OVERALL MEAN | 5.23 | 5.20 | 5.22 |

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

YEAR(S): 93-97
 MGMT : NORMAL
 AREA : 1

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-----------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 7 | 5.03 | 71.5 | 36 | 81 | .7 | 104 | 158 | 1.4 | 3.8 | 4.4 | 7.0 | 2.1 | . | 1.7 | . | 197 |
| 2 KARENA;SWW | 5 | 5.16 | 71.7 | 34 | 89 | 1.7 | 108 | 159 | 1.4 | 3.3 | 3.6 | 5.0 | 1.9 | . | 1.4 | . | 198 |
| 3 AC RON;SWW | 3 | 5.36 | 70.5 | 34 | 90 | 2.0 | 108 | 159 | 1.9 | 4.0 | 4.6 | 5.0 | 2.8 | . | 1.4 | . | 197 |
| 4 OAC ARISS;SWW | 4 | 5.25 | 73.3 | 33 | 91 | 2.0 | 99 | 160 | 1.8 | 4.7 | 3.9 | 6.0 | 1.3 | . | 1.6 | . | 197 |
| 5 CASEY;SRW | 6 | 5.13 | 70.7 | 34 | 85 | 2.7 | 99 | 159 | 1.7 | 1.3 | 3.9 | 2.0 | 1.8 | . | 1.0 | . | 196 |
| 6 RUBY;SPRW | 1 | 5.46 | 76.2 | 37 | 91 | 1.3 | 102 | 158 | 2.6 | .4 | 5.2 | 2.0 | 1.4 | . | 1.4 | . | 197 |
| 7 FUNDULEA;HRW | 1 | 5.46 | 76.2 | 33 | 84 | .4 | 98 | 160 | 2.3 | .4 | 5.2 | 6.0 | 1.4 | . | .6 | . | 198 |
| 8 DIANA;SWW | 8 | 5.02 | 69.3 | 32 | 87 | 1.5 | 105 | 160 | 2.0 | 3.5 | 4.1 | 2.0 | 2.7 | . | 1.8 | . | 197 |
| LOCATIONS | | 15 | 11 | 11 | 4 | 10 | 15 | 14 | 12 | 8 | 5 | 1 | 6 | 0 | 4 | 0 | 3 |

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: RIDGETOWN.

1994: HARROW, RIDGETOWN, INWOOD.

1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

1997: WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S): 93-97
 MGMT : NORMAL
 AREA : 2

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-----------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 8 | 5.09 | 72.8 | 36 | 90 | 1.1 | 100 | 165 | 1.0 | 3.4 | 3.5 | 4.4 | 2.8 | 4.0 | 1.3 | 2.7 | 200 |
| 2 KARENA;SWW | 6 | 5.18 | 71.1 | 35 | 92 | 1.5 | 103 | 166 | 1.1 | 2.5 | 3.2 | 3.0 | 2.2 | 5.7 | 2.3 | 3.1 | 202 |
| 3 AC RON;SWW | 1 | 5.32 | 70.7 | 35 | 92 | 1.9 | 102 | 166 | 1.5 | 3.2 | 3.3 | 2.8 | 3.9 | 3.7 | 2.7 | 4.0 | 201 |
| 4 OAC ARISS;SWW | 2 | 5.25 | 72.9 | 33 | 92 | 1.6 | 96 | 167 | 1.5 | 4.2 | 3.4 | 2.8 | 2.5 | 3.3 | 1.9 | 2.6 | 201 |
| 5 CASEY;SRW | 3 | 5.21 | 70.8 | 35 | 92 | 1.9 | 95 | 166 | 1.1 | 3.2 | 3.6 | 3.4 | 3.7 | 3.7 | 1.4 | 3.1 | 200 |
| 6 RUBY;SPRW | 5 | 5.19 | 74.7 | 36 | 93 | 1.6 | 94 | 165 | 2.1 | .9 | 3.8 | 2.7 | 2.9 | 5.0 | 2.6 | 2.7 | 201 |
| 7 FUNDULEA;HRW | 4 | 5.20 | 75.6 | 33 | 92 | .8 | 92 | 167 | 1.6 | .3 | 3.8 | 4.4 | 2.5 | 1.5 | 2.0 | .8 | 201 |
| 8 DIANA;SWW | 7 | 5.17 | 69.7 | 33 | 91 | 1.7 | 100 | 167 | 1.3 | 2.5 | 3.4 | 2.3 | 3.6 | 4.8 | 1.9 | 3.3 | 201 |
| LOCATIONS | | 28 | 30 | 30 | 16 | 20 | 29 | 24 | 18 | 6 | 18 | 6 | 5 | 2 | 2 | 6 | 10 |

YIELD AVERAGES WERE BASED ON DATA FROM:

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

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

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

1996: LONDON, CENTRALIA, WOODSTOCK, ELORA .

1997: NAIRN, ELORA, WOODSTOCK, HARRISTON.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

YEAR(S): 93-97
 MGMT : NORMAL
 AREA : 3

| KEY NAME | YIELD | | TSTW | KW | SUR | LOG | HGT | HDT | MIL | LRs | SEP | GLB | HBL | SSM | BYD | SRS | MDT |
|-----------------|-------|------|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | RK | T/HA | K/HL | MG | % | 0-9 | CM | * | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | * |
| 1 HARUS;SWW | 7 | 5.06 | 77.4 | 37 | 79 | .7 | 97 | 167 | 1.7 | . | . | . | . | . | . | . | . |
| 2 KARENA;SWW | 3 | 5.43 | 77.7 | 36 | 79 | .7 | 100 | 168 | .6 | . | . | . | . | . | . | . | . |
| 3 AC RON;SWW | 1 | 5.53 | 76.0 | 36 | 86 | .4 | 102 | 167 | 2.5 | . | . | . | . | . | . | . | . |
| 4 OAC ARISS;SWW | 5 | 5.15 | 78.3 | 34 | 84 | 1.5 | 93 | 169 | .6 | . | . | . | . | . | . | . | . |
| 5 CASEY;SRW | 4 | 5.38 | 77.1 | 36 | 78 | 1.3 | 90 | 167 | .9 | . | . | . | . | . | . | . | . |
| 6 RUBY;SPRW | 8 | 4.90 | 80.9 | 37 | 86 | 1.1 | 94 | 167 | 3.8 | . | . | . | . | . | . | . | . |
| 7 FUNDULEA;HRW | 6 | 5.14 | 81.4 | 36 | 77 | 1.0 | 89 | 169 | 1.6 | . | . | . | . | . | . | . | . |
| 8 DIANA;SWW | 2 | 5.47 | 75.8 | 34 | 82 | 1.8 | 100 | 168 | .6 | . | . | . | . | . | . | . | . |
| LOCATIONS | | 7 | 8 | 9 | 7 | 3 | 9 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

YIELD AVERAGES WERE BASED ON DATA FROM:

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

YEAR(S): 93-97
 MGMT : NORMAL
 AREA(S): 1- 3

| KEY NAME | YIELD | | TSTW | KW | SUR | LOG | HGT | HDT | MIL | LRs | SEP | GLB | HBL | SSM | BYD | SRS | MDT |
|-----------------|-------|------|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | RK | T/HA | K/HL | MG | % | 0-9 | CM | * | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | * |
| 1 HARUS;SWW | 8 | 5.07 | 73.3 | 36 | 86 | .9 | 101 | 164 | 1.2 | 3.6 | 3.7 | 4.7 | 2.4 | 4.0 | 1.5 | 2.7 | 200 |
| 2 KARENA;SWW | 5 | 5.21 | 72.3 | 35 | 88 | 1.5 | 104 | 165 | 1.2 | 3.0 | 3.3 | 3.3 | 2.1 | 5.7 | 1.7 | 3.1 | 201 |
| 3 AC RON;SWW | 1 | 5.36 | 71.6 | 35 | 90 | 1.8 | 103 | 164 | 1.7 | 3.7 | 3.6 | 3.1 | 3.3 | 3.7 | 1.8 | 4.0 | 200 |
| 4 OAC ARISS;SWW | 3 | 5.23 | 73.8 | 33 | 90 | 1.7 | 96 | 165 | 1.5 | 4.5 | 3.5 | 3.3 | 1.9 | 3.3 | 1.7 | 2.6 | 200 |
| 5 CASEY;SRW | 5 | 5.21 | 71.8 | 35 | 88 | 2.1 | 95 | 164 | 1.3 | 2.1 | 3.7 | 3.2 | 2.6 | 3.7 | 1.1 | 3.1 | 199 |
| 6 RUBY;SPRW | 3 | 5.23 | 76.1 | 36 | 91 | 1.5 | 96 | 163 | 2.4 | .6 | 4.1 | 2.6 | 2.1 | 5.0 | 1.8 | 2.7 | 200 |
| 7 FUNDULEA;HRW | 2 | 5.27 | 76.7 | 33 | 87 | .7 | 93 | 166 | 1.9 | .4 | 4.1 | 4.7 | 1.9 | 1.5 | 1.1 | .8 | 200 |
| 8 DIANA;SWW | 7 | 5.17 | 70.6 | 33 | 88 | 1.7 | 102 | 165 | 1.5 | 3.1 | 3.6 | 2.3 | 3.1 | 4.8 | 1.8 | 3.3 | 200 |
| LOCATIONS | | 50 | 49 | 50 | 27 | 33 | 53 | 47 | 33 | 14 | 23 | 7 | 11 | 2 | 6 | 6 | 13 |

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: RIDGETOWN, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.
 1994: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.
 1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD, LONDON, CENTRALIA, WOODSTOCK, ELORA, OTTAWA-1.
 1997: WOODSLEE, RIDGETOWN, INWOOD, NAIRN, ELORA, WOODSTOCK, HARRISTON.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

TRAIT : YIELD
 YEAR(S): 94-97
 AREA(S): 1-3

| KEY NAME | AREA I (14)* | AREA II (22) | AREA I-III(41)** |
|-----------------|--------------|--------------|------------------|
| | MEAN | MEAN | MEAN |
| 1 HARUS;SWW | 5.07 | 5.28 | 5.19 |
| 2 KARENA;SWW | 5.23 | 5.52 | 5.41 |
| 3 AC RON;SWW | 5.43 | 5.64 | 5.57 |
| 4 OAC ARISS;SWW | 5.31 | 5.59 | 5.43 |
| 5 CASEY;SRW | 5.15 | 5.46 | 5.35 |
| 6 RUBY;SPRW | 5.51 | 5.50 | 5.45 |
| 7 FUNDULEA;HRW | 5.49 | 5.37 | 5.40 |
| 8 DIANA;SWW | 5.08 | 5.47 | 5.35 |
| 9 MARILEE;SWW | 5.10 | 5.74 | 5.52 |
| OVERALL MEAN | 5.23 | 5.20 | 5.22 |

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX
 YEAR(S): 94-97
 AREA(S): 1-3

| KEY NAME | AREA I (14)* | AREA II (22) | AREA I-III(41)** |
|-----------------|--------------|--------------|------------------|
| | MEAN | MEAN | MEAN |
| 1 HARUS;SWW | 96.0 | 95.7 | 95.7 |
| 2 KARENA;SWW | 98.8 | 100.3 | 99.8 |
| 3 AC RON;SWW | 102.5 | 102.0 | 102.7 |
| 4 OAC ARISS;SWW | 100.8 | 101.8 | 100.7 |
| 5 CASEY;SRW | 97.2 | 98.5 | 98.5 |
| 6 RUBY;SPRW | 105.4 | 99.9 | 101.0 |
| 7 FUNDULEA;HRW | 104.2 | 97.9 | 100.1 |
| 8 DIANA;SWW | 96.7 | 99.3 | 98.9 |
| 9 MARILEE;SWW | 98.3 | 104.6 | 102.7 |
| OVERALL MEAN | 5.26 | 5.51 | 5.41 |

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

YEAR(S) : 94-97
 MGMT : NORMAL
 AREA : 1

| KEY NAME | YIELD RK T/HA | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-----------------|------------------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| 1 HARUS;SWW | 9 5.07 | 71.6 | 37 | 81 | .7 | 104 | 159 | 1.5 | 3.8 | 4.4 | 7.0 | 2.1 | . | .6 | . | 197 |
| 2 KARENA;SWW | 5 5.23 | 72.0 | 35 | 89 | 1.7 | 108 | 160 | 1.6 | 3.3 | 3.6 | 5.0 | 2.3 | . | .8 | . | 198 |
| 3 AC RON;SWW | 3 5.43 | 71.0 | 35 | 90 | 2.0 | 108 | 159 | 2.0 | 4.1 | 4.6 | 5.0 | 3.6 | . | .8 | . | 197 |
| 4 OAC ARISS;SWW | 4 5.31 | 73.5 | 33 | 91 | 2.1 | 99 | 160 | 1.9 | 4.9 | 3.9 | 6.0 | 1.8 | . | .9 | . | 197 |
| 5 CASEY;SRW | 6 5.15 | 70.5 | 34 | 85 | 2.7 | 100 | 159 | 1.8 | 1.1 | 3.9 | 2.0 | 1.8 | . | .3 | . | 196 |
| 6 RUBY;SPRW | 1 5.51 | 76.2 | 37 | 91 | 1.2 | 102 | 158 | 2.6 | .4 | 5.2 | 2.0 | 1.6 | . | .8 | . | 197 |
| 7 FUNDULEA;HRW | 2 5.49 | 76.3 | 33 | 84 | .4 | 99 | 160 | 2.4 | .3 | 5.2 | 6.0 | 1.6 | . | .3 | . | 198 |
| 8 DIANA;SWW | 8 5.08 | 69.4 | 33 | 87 | 1.4 | 106 | 160 | 2.0 | 3.6 | 4.1 | 2.0 | 3.3 | . | 1.2 | . | 197 |
| 9 MARILEE;SWW | 7 5.10 | 70.4 | 38 | 82 | 1.4 | 103 | 161 | 2.4 | 5.2 | 3.5 | 2.0 | 2.4 | . | 1.7 | . | 199 |
| LOCATIONS | 14 | 10 | 10 | 4 | 9 | 13 | 12 | 11 | 6 | 5 | 1 | 4 | 0 | 3 | 0 | 3 |

YIELD AVERAGES WERE BASED ON DATA FROM:
 1994: HARROW, RIDGETOWN, INWOOD.
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.
 1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD.
 1997: WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S) : 94-97
 MGMT : NORMAL
 AREA : 2

| KEY NAME | YIELD RK T/HA | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-----------------|------------------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| 1 HARUS;SWW | 9 5.28 | 74.1 | 38 | 89 | 1.0 | 99 | 165 | .8 | 2.7 | 3.8 | 4.4 | 2.8 | 4.0 | . | .2 | 200 |
| 2 KARENA;SWW | 4 5.52 | 73.0 | 37 | 92 | 1.5 | 104 | 166 | .9 | 2.0 | 3.6 | 3.0 | 2.2 | 5.7 | . | 1.5 | 202 |
| 3 AC RON;SWW | 2 5.64 | 72.6 | 37 | 91 | 1.8 | 102 | 166 | 1.2 | 2.4 | 3.7 | 2.8 | 3.9 | 3.7 | . | 2.7 | 201 |
| 4 OAC ARISS;SWW | 3 5.59 | 74.9 | 35 | 91 | 1.7 | 95 | 167 | 1.2 | 3.4 | 3.7 | 2.8 | 2.5 | 3.3 | . | .4 | 201 |
| 5 CASEY;SRW | 7 5.46 | 72.2 | 37 | 91 | 2.1 | 95 | 165 | 1.0 | 2.6 | 3.9 | 3.4 | 3.7 | 3.7 | . | 1.0 | 200 |
| 6 RUBY;SPRW | 5 5.50 | 76.2 | 38 | 92 | 1.7 | 95 | 165 | 1.9 | .6 | 4.1 | 2.7 | 2.9 | 5.0 | . | .8 | 201 |
| 7 FUNDULEA;HRW | 8 5.37 | 76.2 | 33 | 91 | .9 | 92 | 167 | 1.6 | .4 | 4.3 | 4.4 | 2.5 | 1.5 | . | .0 | 201 |
| 8 DIANA;SWW | 6 5.47 | 71.4 | 35 | 90 | 2.0 | 99 | 167 | 1.1 | 2.2 | 3.8 | 2.3 | 3.6 | 4.8 | . | .6 | 201 |
| 9 MARILEE;SWW | 1 5.74 | 71.5 | 41 | 88 | 1.6 | 97 | 167 | 1.4 | 3.5 | 3.9 | 2.9 | 2.6 | 2.8 | . | .0 | 203 |
| LOCATIONS | 22 | 23 | 23 | 14 | 16 | 22 | 19 | 16 | 5 | 14 | 6 | 5 | 2 | 0 | 2 | 10 |

YIELD AVERAGES WERE BASED ON DATA FROM:
 1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.
 1995: NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON.
 1996: LONDON, CENTRALIA, WOODSTOCK, ELORA .
 1997: NAIRN, ELORA, WOODSTOCK, HARRISTON.

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

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

YEAR(S): 94-97
 MGMT : NORMAL
 AREA : 3

| KEY NAME | YIELD RK T/HA | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-----------------|------------------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| 1 HARUS;SWW | 7 5.12 | 76.6 | 36 | 81 | 1.0 | 95 | 167 | 1.7 | . | . | . | . | . | . | . | . |
| 2 KARENA;SWW | 5 5.41 | 77.0 | 36 | 79 | 1.0 | 97 | 168 | .6 | . | . | . | . | . | . | . | . |
| 3 AC RON;SWW | 2 5.68 | 75.5 | 36 | 88 | .6 | 99 | 167 | 2.5 | . | . | . | . | . | . | . | . |
| 4 OAC ARISS;SWW | 8 5.08 | 77.8 | 34 | 83 | 1.5 | 89 | 169 | .6 | . | . | . | . | . | . | . | . |
| 5 CASEY;SRW | 4 5.44 | 76.5 | 36 | 80 | 2.0 | 89 | 167 | .9 | . | . | . | . | . | . | . | . |
| 6 RUBY;SPRW | 9 5.03 | 79.9 | 36 | 88 | 1.6 | 92 | 166 | 3.8 | . | . | . | . | . | . | . | . |
| 7 FUNDULEA;HRW | 6 5.29 | 80.2 | 35 | 80 | 1.5 | 87 | 169 | 1.6 | . | . | . | . | . | . | . | . |
| 8 DIANA;SWW | 3 5.54 | 74.8 | 34 | 82 | 2.0 | 97 | 168 | .6 | . | . | . | . | . | . | . | . |
| 9 MARILEE;SWW | 1 5.70 | 74.7 | 39 | 83 | .6 | 96 | 168 | 2.6 | . | . | . | . | . | . | . | . |
| LOCATIONS | 5 | 6 | 7 | 5 | 2 | 7 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

YIELD AVERAGES WERE BASED ON DATA FROM:

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

YEAR(S): 94-97
 MGMT : NORMAL
 AREA(S): 1- 3

| KEY NAME | YIELD RK T/HA | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-----------------|------------------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| 1 HARUS;SWW | 9 5.19 | 73.8 | 37 | 86 | .9 | 100 | 163 | 1.1 | 3.3 | 4.0 | 4.7 | 2.5 | 4.0 | .6 | .2 | 200 |
| 2 KARENA;SWW | 5 5.41 | 73.4 | 36 | 88 | 1.6 | 104 | 164 | 1.1 | 2.7 | 3.6 | 3.3 | 2.2 | 5.7 | .8 | 1.5 | 201 |
| 3 AC RON;SWW | 1 5.57 | 72.6 | 36 | 90 | 1.8 | 103 | 164 | 1.6 | 3.3 | 3.9 | 3.1 | 3.8 | 3.7 | .8 | 2.7 | 200 |
| 4 OAC ARISS;SWW | 4 5.43 | 75.0 | 34 | 89 | 1.8 | 96 | 165 | 1.4 | 4.2 | 3.8 | 3.3 | 2.2 | 3.3 | .9 | .4 | 200 |
| 5 CASEY;SRW | 7 5.35 | 72.4 | 36 | 88 | 2.3 | 95 | 164 | 1.3 | 1.8 | 3.9 | 3.2 | 2.9 | 3.7 | .3 | 1.0 | 199 |
| 6 RUBY;SPRW | 3 5.45 | 76.8 | 37 | 91 | 1.5 | 97 | 163 | 2.4 | .5 | 4.4 | 2.6 | 2.3 | 5.0 | .8 | .8 | 200 |
| 7 FUNDULEA;HRW | 6 5.40 | 76.9 | 34 | 88 | .8 | 93 | 165 | 1.9 | .3 | 4.6 | 4.7 | 2.1 | 1.5 | .3 | .0 | 200 |
| 8 DIANA;SWW | 7 5.35 | 71.4 | 34 | 88 | 1.8 | 101 | 165 | 1.4 | 3.0 | 3.9 | 2.3 | 3.4 | 4.8 | 1.2 | .6 | 200 |
| 9 MARILEE;SWW | 2 5.52 | 71.7 | 40 | 86 | 1.5 | 99 | 166 | 1.9 | 4.4 | 3.8 | 2.7 | 2.5 | 2.8 | 1.7 | .0 | 202 |
| LOCATIONS | 41 | 39 | 40 | 23 | 27 | 42 | 38 | 30 | 11 | 19 | 7 | 9 | 2 | 3 | 2 | 13 |

YIELD AVERAGES WERE BASED ON DATA FROM:

- 1994: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.
- 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.
- 1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD, LONDON, CENTRALIA, WOODSTOCK, ELORA, OTTAWA-1.
- 1997: WOODSLEE, RIDGETOWN, INWOOD, NAIRN, ELORA, WOODSTOCK, HARRISTON.

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

ONTARIO PERFORMANCE TRIAL; FALL PASTRY AND NON-PASTRY WHEAT 1997

TRAIT : YIELD
 YEAR(S) : 95-97
 AREA(S) : 1-3

| KEY NAME | AREA I (11)* | AREA II (16) | AREA I-III(30)** |
|-----------------|--------------|--------------|------------------|
| | MEAN | MEAN | MEAN |
| 1 HARUS;SWW | 5.03 | 5.30 | 5.13 |
| 2 KARENA;SWW | 5.23 | 5.53 | 5.34 |
| 3 AC RON;SWW | 5.46 | 5.62 | 5.52 |
| 4 OAC ARISS;SWW | 5.34 | 5.62 | 5.44 |
| 5 CASEY;SRW | 5.12 | 5.43 | 5.28 |
| 6 RUBY;SPRW | 5.51 | 5.56 | 5.46 |
| 7 FUNDULEA;HRW | 5.52 | 5.42 | 5.38 |
| 8 DIANA;SWW | 5.00 | 5.40 | 5.22 |
| 9 MARILEE;SWW | 5.04 | 5.76 | 5.42 |
| 10 FREEDOM;SRW | 5.69 | 5.87 | 5.73 |
| OVERALL MEAN | 5.29 | 5.55 | 5.39 |

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX
 YEAR(S) : 95-97

| KEY NAME | AREA I (11)* | AREA II (16) | AREA I-III(30)** |
|-----------------|--------------|--------------|------------------|
| | MEAN | MEAN | MEAN |
| 1 HARUS;SWW | 94.6 | 95.4 | 95.0 |
| 2 KARENA;SWW | 97.9 | 99.6 | 98.8 |
| 3 AC RON;SWW | 102.2 | 100.8 | 101.8 |
| 4 OAC ARISS;SWW | 100.7 | 101.4 | 100.9 |
| 5 CASEY;SRW | 95.8 | 97.2 | 97.2 |
| 6 RUBY;SPRW | 104.8 | 100.0 | 101.4 |
| 7 FUNDULEA;HRW | 103.9 | 98.1 | 100.0 |
| 8 DIANA;SWW | 94.8 | 97.2 | 96.8 |
| 9 MARILEE;SWW | 96.9 | 104.3 | 101.3 |
| 10 FREEDOM;SRW | 108.5 | 106.0 | 106.7 |
| OVERALL MEAN | 5.29 | 5.55 | 5.39 |

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL PASTRY AND NON-PASTRY WHEAT 1997

DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD
 YEAR(S): 95-97
 AREA(S): 1- 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

| KEY NAME | HW95N | WE95N | RN95N | ID95N | NN95N | CA95N | LN95N | WP95N | WK95N | EA95N |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 HARUS;SWW | 93 | 96 | 100 | 98 | 101 | 101 | 88 | 95 | 91 | 98 |
| 2 KARENA;SWW | 93 | 103 | 99 | 98 | 97 | 87 | 96 | 100 | 96 | 102 |
| 3 AC RON;SWW | 105 | 100 | 102 | 103 | 102 | 108 | 108 | 100 | 104 | 103 |
| 4 OAC ARISS;SWW | 83 | 100 | 99 | 106 | 96 | 105 | 99 | 97 | 101 | 101 |
| 5 CASEY;SRW | 102 | 106 | 100 | 99 | 106 | 97 | 90 | 103 | 102 | 105 |
| 6 RUBY;SPRW | 114 | 106 | 100 | 94 | 100 | 99 | 96 | 101 | 105 | 97 |
| 7 FUNDULEA;HRW | 117 | 106 | 101 | 101 | 99 | 103 | 107 | 98 | 95 | 90 |
| 8 DIANA;SWW | 88 | 90 | 95 | 99 | 94 | 92 | 103 | 99 | 100 | 99 |
| 9 MARILEE;SWW | 87 | 86 | 93 | 101 | 100 | 106 | 103 | 102 | 99 | 102 |
| 10 FREEDOM;SRW | 117 | 106 | 111 | 100 | 107 | 102 | 110 | 105 | 107 | 104 |
| LOCATION MEAN | 5.99 | 6.78 | 6.60 | 5.55 | 6.45 | 4.25 | 5.03 | 6.33 | 7.16 | 7.43 |

| KEY NAME | GH95N | HN95N | KE95N | O195N | HW96N | WE96N | RN96N | ID96N | LN96N | CA96N |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 HARUS;SWW | 102 | 98 | 98 | 94 | 85 | 92 | 96 | 91 | 95 | 93 |
| 2 KARENA;SWW | 100 | 98 | 102 | 100 | 105 | 86 | 90 | 95 | 99 | 105 |
| 3 AC RON;SWW | 110 | 101 | 100 | 105 | 97 | 112 | 96 | 97 | 87 | 93 |
| 4 OAC ARISS;SWW | 102 | 102 | 99 | 103 | 102 | 109 | 92 | 102 | 98 | 105 |
| 5 CASEY;SRW | 90 | 104 | 104 | 100 | 93 | 100 | 85 | 91 | 97 | 93 |
| 6 RUBY;SPRW | 90 | 98 | 86 | 99 | 108 | 105 | 125 | 108 | 104 | 99 |
| 7 FUNDULEA;HRW | 111 | 93 | 100 | 98 | 110 | 102 | 92 | 103 | 108 | 97 |
| 8 DIANA;SWW | 90 | 100 | 98 | 103 | 101 | 93 | 100 | 85 | 86 | 102 |
| 9 MARILEE;SWW | 105 | 100 | 105 | 97 | 105 | 96 | 96 | 113 | 108 | 108 |
| 10 FREEDOM;SRW | 100 | 106 | 109 | 102 | 93 | 107 | 127 | 117 | 118 | 104 |
| LOCATION MEAN | 5.37 | 5.50 | 4.36 | 5.31 | 4.88 | 5.91 | 3.45 | 2.68 | 3.84 | 3.24 |

| KEY NAME | WK96N | EA96N | O196N | WE97N | RN97N | ID97N | NN97N | WK97N | EA97N | HN97N | MEAN* |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 HARUS;SWW | 91 | 94 | 91 | 95 | 105 | 90 | 90 | 95 | 93 | 102 | 95 |
| 2 KARENA;SWW | 101 | 98 | 91 | 111 | 106 | 89 | 105 | 103 | 98 | 109 | 99 |
| 3 AC RON;SWW | 101 | 94 | 113 | 112 | 103 | 97 | 100 | 106 | 99 | 98 | 102 |
| 4 OAC ARISS;SWW | 95 | 103 | 94 | 112 | 98 | 104 | 106 | 101 | 109 | 103 | 101 |
| 5 CASEY;SRW | 94 | 110 | 104 | 93 | 86 | 100 | 91 | 85 | 103 | 86 | 97 |
| 6 RUBY;SPRW | 105 | 112 | 105 | 102 | 96 | 96 | 99 | 102 | 99 | 92 | 101 |
| 7 FUNDULEA;HRW | 99 | 79 | 90 | 105 | 95 | 111 | 101 | 102 | 98 | 90 | 100 |
| 8 DIANA;SWW | 95 | 104 | 105 | 92 | 96 | 104 | 105 | 94 | 93 | 98 | 97 |
| 9 MARILEE;SWW | 108 | 102 | 105 | 78 | 108 | 102 | 106 | 110 | 102 | 107 | 101 |
| 10 FREEDOM;SRW | 110 | 103 | 101 | 100 | 108 | 107 | 98 | 102 | 106 | 116 | 107 |
| LOCATION MEAN | 5.22 | 5.82 | 5.06 | 6.77 | 5.80 | 3.83 | 5.56 | 6.02 | 6.42 | 5.15 | 5.39 |

* AVERAGE ACROSS LOCATIONS.

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

YEAR(S): 95-97
AREA : 1

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-----------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 9 | 5.03 | 71.1 | 37 | 81 | .6 | 106 | 159 | 1.1 | 3.3 | 4.0 | . | 2.8 | . | .6 | . | 197 |
| 2 KARENA;SWW | 6 | 5.23 | 71.6 | 36 | 89 | 1.6 | 110 | 160 | 1.4 | 3.4 | 3.5 | . | 2.9 | . | .8 | . | 198 |
| 3 AC RON;SWW | 4 | 5.46 | 70.9 | 35 | 90 | 1.9 | 109 | 159 | 1.9 | 3.9 | 4.7 | . | 4.7 | . | .8 | . | 197 |
| 4 OAC ARISS;SWW | 5 | 5.34 | 73.1 | 33 | 91 | 2.6 | 102 | 160 | 1.7 | 4.9 | 3.4 | . | 2.3 | . | .9 | . | 197 |
| 5 CASEY;SRW | 7 | 5.12 | 70.2 | 34 | 85 | 3.2 | 102 | 160 | 1.4 | .9 | 3.8 | . | 2.4 | . | .3 | . | 196 |
| 6 RUBY;SPRW | 3 | 5.51 | 76.0 | 38 | 91 | 1.0 | 104 | 158 | 2.3 | .1 | 5.0 | . | 2.1 | . | .8 | . | 197 |
| 7 FUNDULEA;HRW | 2 | 5.52 | 76.0 | 33 | 84 | .6 | 100 | 161 | 2.3 | .1 | 4.8 | . | 2.2 | . | .3 | . | 198 |
| 8 DIANA;SWW | 10 | 5.00 | 68.6 | 33 | 87 | 1.8 | 108 | 161 | 1.8 | 3.6 | 3.7 | . | 4.3 | . | 1.2 | . | 197 |
| 9 MARILEE;SWW | 8 | 5.04 | 70.5 | 39 | 82 | 1.4 | 104 | 162 | 2.4 | 5.3 | 2.9 | . | 3.0 | . | 1.7 | . | 199 |
| 10 FREEDOM;SRW | 1 | 5.69 | 72.0 | 34 | 84 | 2.1 | 99 | 159 | 1.6 | .5 | 4.0 | . | 2.2 | . | .3 | . | 200 |
| LOCATIONS | | 11 | 8 | 8 | 4 | 7 | 10 | 9 | 8 | 4 | 4 | 0 | 3 | 0 | 3 | 0 | 3 |

YIELD AVERAGES WERE BASED ON DATA FROM:
1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.
1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD.
1997: WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S): 95-97
AREA : 2

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-----------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 10 | 5.30 | 73.8 | 37 | 90 | 1.0 | 101 | 164 | .8 | 2.9 | 4.2 | 1.8 | 3.3 | 6.0 | . | .2 | 200 |
| 2 KARENA;SWW | 6 | 5.53 | 72.7 | 36 | 92 | 1.5 | 106 | 166 | .7 | 2.3 | 3.9 | 1.6 | 2.4 | 8.0 | . | 1.5 | 202 |
| 3 AC RON;SWW | 3 | 5.62 | 72.1 | 36 | 91 | 2.0 | 104 | 165 | 1.1 | 2.5 | 4.2 | 1.0 | 4.6 | 6.0 | . | 2.7 | 201 |
| 4 OAC ARISS;SWW | 3 | 5.62 | 74.6 | 34 | 92 | 2.1 | 98 | 166 | 1.1 | 3.8 | 4.2 | 1.0 | 2.9 | 5.3 | . | .4 | 201 |
| 5 CASEY;SRW | 7 | 5.43 | 72.3 | 37 | 91 | 2.4 | 96 | 165 | .8 | 2.7 | 4.0 | 1.5 | 4.2 | 4.3 | . | 1.0 | 200 |
| 6 RUBY;SPRW | 5 | 5.56 | 76.5 | 37 | 93 | 1.8 | 98 | 164 | 1.5 | .4 | 4.2 | .9 | 3.3 | 8.0 | . | .8 | 201 |
| 7 FUNDULEA;HRW | 8 | 5.42 | 76.2 | 33 | 90 | 1.2 | 95 | 167 | 1.5 | .1 | 4.3 | 1.6 | 3.0 | 1.0 | . | .0 | 201 |
| 8 DIANA;SWW | 9 | 5.40 | 71.1 | 34 | 89 | 2.4 | 101 | 166 | 1.1 | 2.5 | 4.1 | .9 | 4.2 | 6.7 | . | .6 | 201 |
| 9 MARILEE;SWW | 2 | 5.76 | 71.3 | 40 | 87 | 2.0 | 100 | 167 | 1.5 | 3.8 | 4.2 | 2.2 | 3.0 | 1.0 | . | .0 | 203 |
| 10 FREEDOM;SRW | 1 | 5.87 | 73.7 | 34 | 87 | 2.3 | 96 | 165 | .6 | .6 | 3.7 | 1.6 | 2.6 | 4.3 | . | .0 | 201 |
| LOCATIONS | | 16 | 17 | 17 | 10 | 11 | 16 | 15 | 13 | 4 | 10 | 2 | 4 | 1 | 0 | 2 | 10 |

YIELD AVERAGES WERE BASED ON DATA FROM:
1995: NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON.
1996: LONDON, CENTRALIA, WOODSTOCK, ELORA.
1997: NAIRN, ELORA, WOODSTOCK, HARRISTON.

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

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

YEAR(S): 95-97
AREA : 3

| KEY NAME | YIELD | | TSTW | KW | SUR | LOG | HGT | HDT | MIL | LRS | SEP | GLB | HBL | SSM | BYD | SRS | MDT |
|-----------------|-------|------|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | RK | T/HA | K/HL | MG | % | 0-9 | CM | * | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | * |
| 1 HARUS;SWW | 10 | 4.62 | 75.5 | 35 | 79 | 2.0 | 92 | 162 | 1.5 | . | . | . | . | . | . | . | . |
| 2 KARENA;SWW | 7 | 4.80 | 75.7 | 35 | 74 | 2.0 | 92 | 163 | .7 | . | . | . | . | . | . | . | . |
| 3 AC RON;SWW | 1 | 5.21 | 74.6 | 35 | 88 | 1.0 | 96 | 162 | 1.8 | . | . | . | . | . | . | . | . |
| 4 OAC ARISS;SWW | 6 | 4.86 | 77.3 | 33 | 82 | 1.0 | 87 | 163 | .4 | . | . | . | . | . | . | . | . |
| 5 CASEY;SRW | 3 | 5.02 | 75.5 | 35 | 77 | 3.0 | 85 | 162 | .4 | . | . | . | . | . | . | . | . |
| 6 RUBY;SPRW | 8 | 4.77 | 79.2 | 36 | 86 | 3.0 | 90 | 161 | 2.7 | . | . | . | . | . | . | . | . |
| 7 FUNDULEA;HRW | 9 | 4.70 | 79.8 | 35 | 76 | 3.0 | 85 | 164 | 2.0 | . | . | . | . | . | . | . | . |
| 8 DIANA;SWW | 4 | 5.01 | 73.9 | 34 | 79 | 4.0 | 94 | 163 | .4 | . | . | . | . | . | . | . | . |
| 9 MARILEE;SWW | 5 | 5.00 | 73.7 | 38 | 80 | 1.0 | 92 | 163 | .9 | . | . | . | . | . | . | . | . |
| 10 FREEDOM;SRW | 2 | 5.09 | 75.0 | 36 | 79 | 3.0 | 86 | 162 | .6 | . | . | . | . | . | . | . | . |
| LOCATIONS | | 3 | 4 | 5 | 4 | 1 | 5 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

YIELD AVERAGES WERE BASED ON DATA FROM:

1995: KEMPTVILLE, OTTAWA-1.

1996: OTTAWA-1.

1997: THERE ARE NO YIELD DATA FOR AREA III IN 1997

YEAR(S): 95-97
AREA(S): 1- 3

| KEY NAME | YIELD | | TSTW | KW | SUR | LOG | HGT | HDT | MIL | LRS | SEP | GLB | HBL | SSM | BYD | SRS | MDT |
|-----------------|-------|------|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | RK | T/HA | K/HL | MG | % | 0-9 | CM | * | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | * |
| 1 HARUS;SWW | 10 | 5.13 | 73.3 | 37 | 86 | .9 | 101 | 162 | 1.0 | 3.1 | 4.1 | 1.8 | 3.1 | 6.0 | .6 | .2 | 200 |
| 2 KARENA;SWW | 7 | 5.34 | 72.8 | 36 | 87 | 1.6 | 105 | 164 | .9 | 2.8 | 3.8 | 1.6 | 2.6 | 8.0 | .8 | 1.5 | 201 |
| 3 AC RON;SWW | 2 | 5.52 | 72.1 | 36 | 90 | 1.9 | 104 | 163 | 1.4 | 3.2 | 4.4 | 1.0 | 4.6 | 6.0 | .8 | 2.7 | 200 |
| 4 OAC ARISS;SWW | 4 | 5.44 | 74.6 | 34 | 90 | 2.2 | 98 | 164 | 1.3 | 4.3 | 4.0 | 1.0 | 2.6 | 5.3 | .9 | .4 | 200 |
| 5 CASEY;SRW | 8 | 5.28 | 72.1 | 36 | 87 | 2.7 | 96 | 163 | 1.0 | 1.8 | 4.0 | 1.5 | 3.4 | 4.3 | .3 | 1.0 | 199 |
| 6 RUBY;SPRW | 3 | 5.46 | 76.7 | 37 | 91 | 1.6 | 99 | 162 | 1.9 | .3 | 4.4 | .9 | 2.8 | 8.0 | .8 | .8 | 200 |
| 7 FUNDULEA;HRW | 6 | 5.38 | 76.6 | 33 | 86 | 1.0 | 95 | 165 | 1.8 | .1 | 4.4 | 1.6 | 2.7 | 1.0 | .3 | .0 | 200 |
| 8 DIANA;SWW | 9 | 5.22 | 70.8 | 34 | 87 | 2.3 | 102 | 164 | 1.3 | 3.1 | 4.0 | .9 | 4.2 | 6.7 | 1.2 | .6 | 200 |
| 9 MARILEE;SWW | 5 | 5.42 | 71.4 | 39 | 84 | 1.7 | 100 | 165 | 1.7 | 4.5 | 3.8 | 2.2 | 3.0 | 1.0 | 1.7 | .0 | 202 |
| 10 FREEDOM;SRW | 1 | 5.73 | 73.4 | 34 | 85 | 2.3 | 95 | 163 | 1.0 | .6 | 3.7 | 1.6 | 2.4 | 4.3 | .3 | .0 | 201 |
| LOCATIONS | | 30 | 29 | 30 | 18 | 19 | 31 | 29 | 23 | 8 | 14 | 2 | 7 | 1 | 3 | 2 | 13 |

YIELD AVERAGES WERE BASED ON DATA FROM:

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

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

1997: WOODSLEE, RIDGETOWN, INWOOD, NAIRN, ELORA, WOODSTOCK, HARRISTON.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

YEAR(S): 96-97

AREA(S): I-III

| KEY NAME | AREA I (7)* | AREA II (8) | AREA I-III(16)** |
|------------------|-------------|-------------|------------------|
| | MEAN | MEAN | MEAN |
| 1 HARUS;SWW | 4.47 | 4.85 | 4.67 |
| 2 KARENA;SWW | 4.71 | 5.26 | 4.98 |
| 3 AC RON;SWW | 4.94 | 5.06 | 5.05 |
| 4 OAC ARISS;SWW | 4.94 | 5.30 | 5.11 |
| 5 CASEY;SRW | 4.41 | 4.90 | 4.71 |
| 6 RUBY;SPRW | 4.97 | 5.25 | 5.13 |
| 7 FUNDULEA;HRW | 4.88 | 4.96 | 4.90 |
| 8 DIANA;SWW | 4.55 | 5.02 | 4.83 |
| 9 MARILEE;SWW | 4.66 | 5.48 | 5.11 |
| 10 FREEDOM;SRW | 5.07 | 5.50 | 5.29 |
| 11 AC DEXTER;SWW | 4.75 | 4.60 | 4.71 |
| 13 AC MORLEY;HRW | 4.78 | 5.45 | 5.11 |
| 14 2737W;SWW | 5.19 | 5.07 | 5.19 |
| 15 2510;SRW | 5.35 | 5.47 | 5.37 |
| 16 25W33;SWW-a | 5.09 | 5.50 | 5.34 |
| 17 HANOVER;HRW | 4.42 | 4.92 | 4.75 |
| 18 MENDON;SRW | 5.27 | 5.13 | 5.17 |
| 19 F93012-M3;SRW | 4.91 | 5.02 | 4.97 |
| OVERALL MEAN | 4.85 | 5.15 | 5.02 |

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX

YEAR(S): 96-97

AREA(S): I-III

| KEY NAME | AREA I (7)* | AREA II (8) | AREA I-III(16)** |
|------------------|-------------|-------------|------------------|
| | MEAN | MEAN | MEAN |
| 1 HARUS;SWW | 91.4 | 94.3 | 92.7 |
| 2 KARENA;SWW | 95.5 | 102.3 | 98.6 |
| 3 AC RON;SWW | 99.8 | 97.5 | 99.4 |
| 4 OAC ARISS;SWW | 100.7 | 102.6 | 101.1 |
| 5 CASEY;SRW | 90.5 | 94.9 | 93.4 |
| 6 RUBY;SPRW | 103.2 | 101.7 | 102.5 |
| 7 FUNDULEA;HRW | 100.4 | 96.9 | 97.8 |
| 8 DIANA;SWW | 93.6 | 97.2 | 96.0 |
| 9 MARILEE;SWW | 97.7 | 106.6 | 102.5 |
| 10 FREEDOM;SRW | 106.0 | 107.2 | 106.2 |
| 11 AC DEXTER;SWW | 97.5 | 88.6 | 93.4 |
| 13 AC MORLEY;HRW | 99.3 | 107.1 | 102.6 |
| 14 2737W;SWW | 107.4 | 97.9 | 103.3 |
| 15 2510;SRW | 111.1 | 106.8 | 107.8 |
| 16 25W33;SWW-a | 105.5 | 107.1 | 106.8 |
| 17 HANOVER;HRW | 92.3 | 95.0 | 94.8 |
| 18 MENDON;SRW | 107.9 | 99.7 | 102.8 |
| 19 F93012-M3;SRW | 100.3 | 96.4 | 98.2 |
| OVERALL MEAN | 4.85 | 5.15 | 5.02 |

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIAL; FALL PASTRY AND NON-PASTRY WHEAT 1997

DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD INDEX
 YEAR(S): 96-97
 AREA(S): 1- 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

| KEY NAME | HW96N | WE96N | RN96N | ID96N | LN96N | CA96N | WK96N | EA96N | O196N |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 HARUS;SWW | 83 | 89 | 90 | 89 | 96 | 93 | 92 | 92 | 90 |
| 2 KARENA;SWW | 103 | 84 | 85 | 94 | 100 | 105 | 102 | 96 | 90 |
| 3 AC RON;SWW | 95 | 109 | 90 | 95 | 87 | 94 | 101 | 92 | 111 |
| 4 OAC ARISS;SWW | 100 | 106 | 87 | 101 | 99 | 105 | 95 | 101 | 93 |
| 5 CASEY;SRW | 91 | 97 | 80 | 89 | 97 | 93 | 94 | 108 | 102 |
| 6 RUBY;SPRW | 106 | 102 | 118 | 106 | 105 | 100 | 106 | 110 | 103 |
| 7 FUNDULEA;HRW | 108 | 99 | 87 | 101 | 108 | 98 | 100 | 77 | 88 |
| 8 DIANA;SWW | 99 | 90 | 95 | 83 | 87 | 102 | 95 | 102 | 103 |
| 9 MARILEE;SWW | 103 | 94 | 91 | 111 | 109 | 109 | 109 | 100 | 103 |
| 10 FREEDOM;SRW | 91 | 104 | 120 | 115 | 118 | 105 | 111 | 101 | 99 |
| 11 AC DEXTER;SWW | 109 | 106 | 95 | 101 | 84 | 84 | 79 | 74 | 103 |
| 13 AC MORLEY;HRW | 88 | 102 | 97 | 114 | 114 | 121 | 117 | 101 | 90 |
| 14 2737W;SWW | 105 | 110 | 111 | 110 | 100 | 89 | 89 | 90 | 118 |
| 15 2510;SRW | 107 | 114 | 114 | 121 | 113 | 111 | 108 | 105 | 93 |
| 16 25W33;SWW-a | 104 | 95 | 125 | 90 | 108 | 111 | 116 | 121 | 113 |
| 17 HANOVER;HRW | 91 | 92 | 99 | 90 | 79 | 96 | 100 | 106 | 110 |
| 18 MENDON;SRW | 108 | 116 | 114 | 105 | 109 | 97 | 95 | 103 | 93 |
| 19 F93012-M3;SRW | 109 | 92 | 103 | 85 | 88 | 86 | 92 | 121 | 97 |
| LOCATION MEAN | 4.99 | 6.06 | 3.66 | 2.73 | 3.81 | 3.23 | 5.19 | 5.95 | 5.15 |

| KEY NAME | WE97N | RN97N | ID97N | NN97N | WK97N | EA97N | HN97N | MEAN* |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 HARUS;SWW | 94 | 105 | 88 | 89 | 96 | 95 | 100 | 93 |
| 2 KARENA;SWW | 110 | 106 | 88 | 105 | 104 | 101 | 107 | 99 |
| 3 AC RON;SWW | 111 | 103 | 95 | 100 | 107 | 101 | 96 | 99 |
| 4 OAC ARISS;SWW | 111 | 98 | 102 | 105 | 102 | 111 | 102 | 101 |
| 5 CASEY;SRW | 92 | 86 | 98 | 91 | 86 | 105 | 84 | 93 |
| 6 RUBY;SPRW | 101 | 96 | 94 | 99 | 103 | 101 | 90 | 102 |
| 7 FUNDULEA;HRW | 104 | 95 | 109 | 100 | 103 | 100 | 89 | 98 |
| 8 DIANA;SWW | 91 | 96 | 102 | 105 | 95 | 95 | 97 | 96 |
| 9 MARILEE;SWW | 77 | 108 | 100 | 106 | 111 | 105 | 105 | 103 |
| 10 FREEDOM;SRW | 99 | 108 | 104 | 98 | 103 | 109 | 114 | 106 |
| 11 AC DEXTER;SWW | 101 | 85 | 87 | 101 | 95 | 98 | 95 | 93 |
| 13 AC MORLEY;HRW | 98 | 100 | 96 | 95 | 101 | 101 | 107 | 103 |
| 14 2737W;SWW | 110 | 97 | 110 | 103 | 102 | 103 | 107 | 103 |
| 15 2510;SRW | 110 | 102 | 111 | 105 | 105 | 99 | 107 | 108 |
| 16 25W33;SWW-a | 95 | 118 | 111 | 102 | 105 | 93 | 100 | 107 |
| 17 HANOVER;HRW | 82 | 89 | 104 | 101 | 90 | 91 | 97 | 95 |
| 18 MENDON;SRW | 113 | 100 | 100 | 98 | 99 | 101 | 95 | 103 |
| 19 F93012-M3;SRW | 104 | 108 | 102 | 97 | 91 | 91 | 106 | 98 |
| LOCATION MEAN | 6.84 | 5.79 | 3.91 | 5.58 | 5.95 | 6.27 | 5.23 | 5.02 |

*AVERAGE ACROSS LOCATIONS.

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

YEAR(S): 96-97
AREA : 1

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * | |
|------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|---|
| | RK | T/HA | | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 16 | 4.47 | 70.7 | 36 | 81 | 1.2 | 99 | 162 | .6 | 1.0 | 4.0 | . | 2.8 | . | 1.8 | . | 200 | |
| 2 KARENA;SWW | 13 | 4.71 | 71.7 | 35 | 89 | 1.6 | 104 | 163 | .9 | 1.5 | 3.5 | . | 2.9 | . | 1.3 | . | 200 | |
| 3 AC RON;SWW | 7 | 4.94 | 70.8 | 34 | 90 | 2.7 | 103 | 162 | 1.3 | 2.0 | 4.7 | . | 4.7 | . | 2.3 | . | 200 | |
| 4 OAC ARISS;SWW | 7 | 4.94 | 73.8 | 33 | 91 | 2.9 | 97 | 163 | 1.2 | 1.5 | 3.4 | . | 2.3 | . | .8 | . | 199 | |
| 5 CASEY;SRW | 18 | 4.41 | 70.7 | 33 | 85 | 3.4 | 95 | 162 | 1.1 | .5 | 3.8 | . | 2.4 | . | .0 | . | 199 | |
| 6 RUBY;SPRW | 6 | 4.97 | 75.6 | 37 | 91 | 2.0 | 99 | 160 | 1.6 | .0 | 5.0 | . | 2.1 | . | .5 | . | 200 | |
| 7 FUNDULEA;HRW | 10 | 4.88 | 75.6 | 33 | 84 | 1.1 | 94 | 164 | 1.5 | .0 | 4.8 | . | 2.2 | . | .8 | . | 200 | |
| 8 DIANA;SWW | 15 | 4.55 | 68.3 | 32 | 87 | 1.6 | 102 | 163 | 1.4 | 1.0 | 3.7 | . | 4.3 | . | .5 | . | 200 | |
| 9 MARILEE;SWW | 14 | 4.66 | 70.7 | 39 | 82 | 1.7 | 98 | 165 | 1.7 | 1.0 | 2.9 | . | 3.0 | . | 3.0 | . | 201 | |
| 10 FREEDOM;SRW | 5 | 5.07 | 71.8 | 34 | 84 | 2.8 | 92 | 162 | 1.3 | .0 | 4.0 | . | 2.2 | . | .0 | . | 203 | |
| 11 AC DEXTER;SWW | 12 | 4.75 | 69.0 | 35 | 93 | 4.4 | 106 | 161 | .4 | 1.0 | 5.3 | . | 2.9 | . | .0 | . | 198 | |
| 13 AC MORLEY;HRW | 11 | 4.78 | 75.8 | 36 | 89 | 3.0 | 114 | 161 | 1.0 | .0 | 4.3 | . | 1.4 | . | .3 | . | 201 | |
| 14 2737W;SWW | 3 | 5.19 | 70.4 | 33 | 92 | 1.1 | 88 | 161 | 1.6 | 1.0 | 3.7 | . | 2.7 | . | .3 | . | 201 | |
| 15 2510;SRW | 1 | 5.35 | 73.1 | 35 | 86 | .4 | 87 | 163 | 4.8 | .0 | 3.9 | . | 3.7 | . | .0 | . | 203 | |
| 16 25W33;SWW-a | 4 | 5.09 | 70.8 | 30 | 78 | 1.1 | 82 | 163 | .7 | 1.0 | 4.2 | . | 2.6 | . | 1.0 | . | 201 | |
| 17 HANOVER;HRW | 17 | 4.42 | 69.7 | 36 | 91 | 1.1 | 96 | 163 | 1.3 | .0 | 5.0 | . | 4.7 | . | 2.0 | . | 200 | |
| 18 MENDON;SRW | 2 | 5.27 | 71.5 | 38 | 93 | 4.2 | 102 | 161 | .9 | 2.3 | 4.8 | . | 2.6 | . | .3 | . | 199 | |
| 19 F93012-M3;SRW | 9 | 4.91 | 71.6 | 32 | 85 | 3.4 | 96 | 161 | .4 | 3.7 | 3.5 | . | 4.6 | . | 3.5 | . | 200 | |
| LOCATIONS | | | 7 | 6 | 6 | 4 | 3 | 6 | 6 | 5 | 1 | 4 | 0 | 3 | 0 | 1 | 0 | 2 |

YIELD AVERAGES WERE BASED ON DATA FROM:
1996: HARROW, WOODSLEE, RIDGETOWN, INWOOD.
1997: WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S): 96-97
AREA : 2

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * | |
|------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|---|
| | RK | T/HA | | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 17 | 4.85 | 74.5 | 37 | 88 | .2 | 97 | 169 | .5 | 3.1 | 4.3 | 2.0 | 3.3 | . | . | .0 | 204 | |
| 2 KARENA;SWW | 7 | 5.26 | 73.0 | 35 | 91 | 1.0 | 101 | 170 | .6 | 2.2 | 4.0 | 2.5 | 2.4 | . | . | 1.0 | 205 | |
| 3 AC RON;SWW | 11 | 5.06 | 72.1 | 35 | 90 | .9 | 99 | 169 | .8 | 2.6 | 4.2 | 1.5 | 4.6 | . | . | 2.0 | 205 | |
| 4 OAC ARISS;SWW | 6 | 5.30 | 75.1 | 34 | 91 | 1.3 | 94 | 171 | .6 | 3.7 | 4.4 | 1.5 | 2.9 | . | . | .0 | 205 | |
| 5 CASEY;SRW | 16 | 4.90 | 72.2 | 36 | 90 | .4 | 90 | 169 | .5 | 2.6 | 4.1 | 2.0 | 4.2 | . | . | 1.5 | 204 | |
| 6 RUBY;SPRW | 8 | 5.25 | 76.5 | 38 | 91 | .8 | 91 | 168 | .7 | .4 | 4.5 | 1.0 | 3.3 | . | . | 1.5 | 205 | |
| 7 FUNDULEA;HRW | 14 | 4.96 | 75.3 | 32 | 87 | .9 | 87 | 171 | .9 | .2 | 4.7 | 2.0 | 3.0 | . | . | .0 | 205 | |
| 8 DIANA;SWW | 12 | 5.02 | 70.9 | 34 | 87 | .5 | 97 | 171 | .7 | 2.9 | 4.1 | 1.0 | 4.2 | . | . | .5 | 205 | |
| 9 MARILEE;SWW | 3 | 5.48 | 71.2 | 39 | 84 | .4 | 95 | 171 | 1.2 | 4.2 | 4.3 | 3.0 | 3.0 | . | . | .0 | 207 | |
| 10 FREEDOM;SRW | 1 | 5.50 | 74.3 | 34 | 84 | 1.2 | 90 | 170 | .3 | .3 | 3.9 | 1.5 | 2.6 | . | . | .0 | 205 | |
| 11 AC DEXTER;SWW | 18 | 4.60 | 68.9 | 35 | 90 | 2.3 | 99 | 169 | .0 | 4.0 | 4.7 | 1.0 | 5.3 | . | . | 4.0 | 205 | |
| 13 AC MORLEY;HRW | 5 | 5.45 | 77.8 | 37 | 86 | 1.5 | 105 | 169 | .3 | .0 | 3.8 | 1.5 | 2.0 | . | . | .0 | 205 | |
| 14 2737W;SWW | 10 | 5.07 | 71.5 | 32 | 87 | .1 | 84 | 169 | 1.1 | 1.9 | 4.1 | 1.0 | 6.0 | . | . | 1.0 | 204 | |
| 15 2510;SRW | 4 | 5.47 | 75.3 | 36 | 87 | .1 | 83 | 170 | 6.0 | 1.1 | 3.3 | 2.0 | 4.9 | . | . | .0 | 206 | |
| 16 25W33;SWW-a | 1 | 5.50 | 72.5 | 32 | 83 | .1 | 78 | 170 | .1 | 1.4 | 3.6 | 1.0 | 3.2 | . | . | 3.0 | 206 | |
| 17 HANOVER;HRW | 15 | 4.92 | 70.4 | 39 | 88 | .4 | 92 | 171 | 1.8 | .4 | 4.0 | 2.5 | 5.1 | . | . | .0 | 206 | |
| 18 MENDON;SRW | 9 | 5.13 | 73.1 | 41 | 93 | 2.3 | 98 | 168 | .4 | 2.6 | 4.3 | 2.0 | 3.8 | . | . | 2.5 | 204 | |
| 19 F93012-M3;SRW | 12 | 5.02 | 73.1 | 33 | 90 | 1.5 | 92 | 169 | .1 | 2.9 | 3.5 | 2.0 | 6.8 | . | . | 4.0 | 204 | |
| LOCATIONS | | | 8 | 8 | 8 | 7 | 4 | 8 | 8 | 7 | 3 | 6 | 1 | 4 | 0 | 0 | 1 | 6 |

YIELD AVERAGES WERE BASED ON DATA FROM:
1996: LONDON, CENTRALIA, WOODSTOCK, ELORA .
1997: NAIRN, ELORA, WOODSTOCK, HARRISTON.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

YEAR(S): 96-97
 AREA : 3

| KEY NAME | YIELD RK T/HA | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|------------------|------------------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| 1 HARUS;SWW | 16 4.63 | 77.9 | 38 | 78 | . | 84 | 165 | 1.5 | . | . | . | . | . | . | . | . |
| 2 KARENA;SWW | 16 4.63 | 77.6 | 37 | 73 | . | 87 | 165 | .7 | . | . | . | . | . | . | . | . |
| 3 AC RON;SWW | 3 5.73 | 76.4 | 37 | 87 | . | 89 | 165 | 1.8 | . | . | . | . | . | . | . | . |
| 4 OAC ARISS;SWW | 13 4.78 | 79.4 | 35 | 79 | . | 80 | 165 | .4 | . | . | . | . | . | . | . | . |
| 5 CASEY;SRW | 9 5.25 | 77.4 | 37 | 75 | . | 76 | 164 | .4 | . | . | . | . | . | . | . | . |
| 6 RUBY;SPRW | 8 5.31 | 81.8 | 40 | 84 | . | 81 | 164 | 2.7 | . | . | . | . | . | . | . | . |
| 7 FUNDULEA;HRW | 18 4.53 | 81.9 | 40 | 69 | . | 75 | 166 | 2.0 | . | . | . | . | . | . | . | . |
| 8 DIANA;SWW | 5 5.32 | 76.2 | 37 | 69 | . | 90 | 166 | .4 | . | . | . | . | . | . | . | . |
| 9 MARILEE;SWW | 5 5.32 | 76.4 | 41 | 77 | . | 85 | 165 | .9 | . | . | . | . | . | . | . | . |
| 10 FREEDOM;SRW | 10 5.11 | 77.9 | 38 | 73 | . | 77 | 165 | .6 | . | . | . | . | . | . | . | . |
| 11 AC DEXTER;SWW | 5 5.32 | 73.4 | 39 | 86 | . | 90 | 163 | .0 | . | . | . | . | . | . | . | . |
| 13 AC MORLEY;HRW | 15 4.65 | 81.2 | 39 | 78 | . | 96 | 164 | .2 | . | . | . | . | . | . | . | . |
| 14 2737W;SWW | 1 6.08 | 77.2 | 35 | 81 | . | 73 | 163 | 1.2 | . | . | . | . | . | . | . | . |
| 15 2510;SRW | 12 4.79 | 81.3 | 38 | 81 | . | 75 | 164 | 5.0 | . | . | . | . | . | . | . | . |
| 16 25W33;SWW-a | 2 5.83 | 77.8 | 34 | 70 | . | 65 | 165 | .0 | . | . | . | . | . | . | . | . |
| 17 HANOVER;HRW | 4 5.68 | 78.7 | 42 | 87 | . | 81 | 166 | 1.5 | . | . | . | . | . | . | . | . |
| 18 MENDON;SRW | 14 4.77 | 77.2 | 43 | 74 | . | 84 | 163 | .6 | . | . | . | . | . | . | . | . |
| 19 F93012-M3;SRW | 11 5.01 | 79.3 | 34 | 73 | . | 84 | 165 | .2 | . | . | . | . | . | . | . | . |
| LOCATIONS | | 1 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

YIELD AVERAGES WERE BASED ON DATA FROM:

1996: OTTAWA-1.

1997: THERE ARE NO YIELD DATA FOR AREA III IN 1997

YEAR(S): 96-97
 AREA(S): 1- 3

| KEY NAME | YIELD RK T/HA | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * | |
|------------------|------------------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|---|
| 1 HARUS;SWW | 18 4.67 | 73.5 | 37 | 84 | .6 | 96 | 166 | .7 | 2.5 | 4.2 | 2.0 | 3.1 | . | 1.8 | .0 | 203 | |
| 2 KARENA;SWW | 11 4.98 | 73.1 | 36 | 87 | 1.2 | 100 | 167 | .7 | 2.0 | 3.8 | 2.5 | 2.6 | . | 1.3 | 1.0 | 204 | |
| 3 AC RON;SWW | 10 5.05 | 72.1 | 35 | 89 | 1.7 | 99 | 166 | 1.1 | 2.4 | 4.4 | 1.5 | 4.6 | . | 2.3 | 2.0 | 204 | |
| 4 OAC ARISS;SWW | 7 5.11 | 75.2 | 34 | 89 | 2.0 | 93 | 167 | .8 | 3.1 | 4.0 | 1.5 | 2.6 | . | .8 | .0 | 204 | |
| 5 CASEY;SRW | 16 4.71 | 72.3 | 35 | 86 | 1.7 | 90 | 166 | .7 | 2.1 | 4.0 | 2.0 | 3.4 | . | .0 | 1.5 | 203 | |
| 6 RUBY;SPRW | 6 5.13 | 76.8 | 38 | 90 | 1.3 | 92 | 165 | 1.3 | .3 | 4.7 | 1.0 | 2.8 | . | .5 | 1.5 | 203 | |
| 7 FUNDULEA;HRW | 13 4.90 | 76.3 | 33 | 83 | 1.0 | 88 | 168 | 1.3 | .1 | 4.7 | 2.0 | 2.7 | . | .8 | .0 | 203 | |
| 8 DIANA;SWW | 14 4.83 | 70.6 | 34 | 84 | 1.0 | 98 | 167 | .9 | 2.4 | 3.9 | 1.0 | 4.2 | . | .5 | .5 | 203 | |
| 9 MARILEE;SWW | 7 5.11 | 71.7 | 39 | 82 | .9 | 95 | 168 | 1.3 | 3.4 | 3.7 | 3.0 | 3.0 | . | 3.0 | .0 | 205 | |
| 10 FREEDOM;SRW | 3 5.29 | 73.8 | 34 | 82 | 1.9 | 89 | 166 | .7 | .3 | 3.9 | 1.5 | 2.4 | . | .0 | .0 | 204 | |
| 11 AC DEXTER;SWW | 16 4.71 | 69.5 | 36 | 90 | 3.2 | 100 | 165 | .2 | 3.3 | 4.9 | 1.0 | 4.2 | . | .0 | 4.0 | 203 | |
| 13 AC MORLEY;HRW | 7 5.11 | 77.5 | 37 | 86 | 2.2 | 108 | 165 | .5 | .0 | 4.0 | 1.5 | 1.7 | . | .3 | .0 | 204 | |
| 14 2737W;SWW | 4 5.19 | 71.8 | 33 | 88 | .5 | 84 | 165 | 1.3 | 1.7 | 3.9 | 1.0 | 4.6 | . | .3 | 1.0 | 203 | |
| 15 2510;SRW | 1 5.37 | 75.2 | 36 | 85 | .3 | 83 | 166 | 5.5 | .8 | 3.5 | 2.0 | 4.4 | . | .0 | .0 | 205 | |
| 16 25W33;SWW-a | 2 5.34 | 72.5 | 31 | 80 | .5 | 78 | 166 | .3 | 1.3 | 3.8 | 1.0 | 2.9 | . | 1.0 | 3.0 | 205 | |
| 17 HANOVER;HRW | 15 4.75 | 71.2 | 38 | 88 | .7 | 92 | 167 | 1.6 | .3 | 4.4 | 2.5 | 5.0 | . | 2.0 | .0 | 204 | |
| 18 MENDON;SRW | 5 5.17 | 73.0 | 40 | 90 | 3.1 | 98 | 165 | .6 | 2.5 | 4.5 | 2.0 | 3.3 | . | .3 | 2.5 | 203 | |
| 19 F93012-M3;SRW | 12 4.97 | 73.3 | 32 | 85 | 2.3 | 92 | 165 | .2 | 3.1 | 3.5 | 2.0 | 5.9 | . | 3.5 | 4.0 | 203 | |
| LOCATIONS | | 16 | 16 | 16 | 13 | 7 | 16 | 16 | 14 | 4 | 10 | 1 | 7 | 0 | 1 | 1 | 8 |

YIELD AVERAGES WERE BASED ON DATA FROM:

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

1997: WOODSLEE, RIDGETOWN, INWOOD, NAIRN, ELORA, WOODSTOCK, HARRISTON.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

TRAIT : YIELD
YEAR : 97

| KEY NAME | AREA I (3)* | AREA II (4) | AREA I-II (7)** |
|---------------------|-------------|-------------|-----------------|
| | MEAN | MEAN | MEAN |
| 1 HARUS;SWW | 5.32 | 5.48 | 5.41 |
| 2 KARENA;SWW | 5.69 | 5.98 | 5.86 |
| 3 AC RON;SWW | 5.76 | 5.84 | 5.81 |
| 4 OAC ARISS;SWW | 5.75 | 6.07 | 5.93 |
| 5 CASEY;SRW | 5.03 | 5.30 | 5.18 |
| 6 RUBY;SPRW | 5.37 | 5.68 | 5.55 |
| 7 FUNDULEA;HRW | 5.61 | 5.66 | 5.64 |
| 8 DIANA;SWW | 5.25 | 5.63 | 5.47 |
| 9 MARILEE;SWW | 5.15 | 6.15 | 5.72 |
| 10 FREEDOM;SRW | 5.71 | 6.10 | 5.93 |
| 11 AC DEXTER;SWW | 5.08 | 5.58 | 5.37 |
| 13 AC MORLEY;HRW | 5.42 | 5.80 | 5.64 |
| 14 2737W;SWW | 5.81 | 5.97 | 5.90 |
| 15 2510;SRW | 5.91 | 5.99 | 5.96 |
| 16 25W33;SWW-a | 5.89 | 5.76 | 5.82 |
| 17 HANOVER;HRW | 4.93 | 5.44 | 5.23 |
| 18 MENDON;SRW | 5.80 | 5.66 | 5.72 |
| 19 F93012-M3;SRW | 5.77 | 5.52 | 5.63 |
| 20 OAC MONTROSE;HRW | 5.25 | 5.50 | 5.39 |
| 21 CM94090;HRW | 5.26 | 5.50 | 5.39 |
| 22 2540;SRW-a | 6.33 | 5.91 | 6.09 |
| 23 25R57;SRW | 5.61 | 5.99 | 5.83 |
| 24 AC READYMADE;HRW | 3.93 | 4.52 | 4.27 |
| 25 HURON;SWW | 5.80 | 5.65 | 5.72 |
| 26 TW91203;SWW | 5.67 | 6.05 | 5.89 |
| 27 TW93211;SWW | 5.76 | 6.06 | 5.93 |
| 28 TW92405;SRW | 5.47 | 5.71 | 5.61 |
| 29 CDC CLAIR;HRW-a | 4.05 | 5.01 | 4.60 |
| OVERALL MEAN | 5.44 | 5.70 | 5.59 |

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS
YIELD INDEX

| KEY NAME | AREA I (3)* | AREA II (4) | AREA I-II (7)** |
|---------------------|-------------|-------------|-----------------|
| | MEAN | MEAN | MEAN |
| 1 HARUS;SWW | 97.2 | 96.3 | 96.7 |
| 2 KARENA;SWW | 102.5 | 105.1 | 104.0 |
| 3 AC RON;SWW | 104.6 | 102.3 | 103.3 |
| 4 OAC ARISS;SWW | 105.0 | 106.3 | 105.7 |
| 5 CASEY;SRW | 93.3 | 92.5 | 92.9 |
| 6 RUBY;SPRW | 98.2 | 99.5 | 98.9 |
| 7 FUNDULEA;HRW | 103.9 | 99.0 | 101.1 |
| 8 DIANA;SWW | 97.6 | 98.9 | 98.4 |
| 9 MARILEE;SWW | 96.6 | 107.9 | 103.1 |
| 10 FREEDOM;SRW | 105.5 | 107.1 | 106.4 |
| 11 AC DEXTER;SWW | 92.2 | 98.0 | 95.5 |
| 13 AC MORLEY;HRW | 99.5 | 102.0 | 100.9 |
| 14 2737W;SWW | 107.1 | 105.0 | 105.9 |
| 15 2510;SRW | 109.0 | 105.4 | 106.9 |
| 16 25W33;SWW-a | 109.6 | 101.3 | 104.8 |
| 17 HANOVER;HRW | 92.9 | 95.8 | 94.6 |
| 18 MENDON;SRW | 105.7 | 99.3 | 102.0 |
| 19 F93012-M3;SRW | 105.9 | 97.4 | 101.0 |
| 20 OAC MONTROSE;HRW | 97.2 | 96.6 | 96.9 |
| 21 CM94090;HRW | 97.5 | 96.3 | 96.8 |
| 22 2540;SRW-a | 115.9 | 104.2 | 109.2 |
| 23 25R57;SRW | 102.6 | 105.3 | 104.1 |
| 24 AC READYMADE;HRW | 72.8 | 79.5 | 76.6 |
| 25 HURON;SWW | 106.1 | 99.1 | 102.1 |
| 26 TW91203;SWW | 103.0 | 105.5 | 104.5 |
| 27 TW93211;SWW | 104.1 | 106.1 | 105.2 |
| 28 TW92405;SRW | 100.1 | 100.3 | 100.2 |
| 29 CDC CLAIR;HRW-a | 74.6 | 88.0 | 82.2 |
| OVERALL MEAN | 5.44 | 5.70 | 5.59 |

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD INDEX
 YEAR : 97
 AREA(S): 1- 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

| KEY NAME | WE97N | RN97N | ID97N | NN97N | WK97N | EA97N | HN97N | MEAN* |
|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 HARUS;SWW | 94 | 107 | 90 | 90 | 97 | 96 | 102 | 97 |
| 2 KARENA;SWW | 110 | 108 | 89 | 105 | 105 | 102 | 109 | 104 |
| 3 AC RON;SWW | 112 | 105 | 97 | 101 | 108 | 103 | 98 | 103 |
| 4 OAC ARISS;SWW | 112 | 99 | 104 | 106 | 103 | 113 | 104 | 106 |
| 5 CASEY;SRW | 93 | 87 | 100 | 91 | 87 | 106 | 86 | 93 |
| 6 RUBY;SPRW | 101 | 97 | 96 | 99 | 104 | 103 | 92 | 99 |
| 7 FUNDULEA;HRW | 104 | 96 | 111 | 101 | 104 | 101 | 91 | 101 |
| 8 DIANA;SWW | 91 | 97 | 105 | 105 | 96 | 96 | 99 | 98 |
| 9 MARILEE;SWW | 78 | 110 | 102 | 107 | 112 | 106 | 107 | 103 |
| 10 FREEDOM;SRW | 100 | 110 | 107 | 98 | 104 | 110 | 116 | 106 |
| 11 AC DEXTER;SWW | 101 | 87 | 88 | 101 | 96 | 99 | 96 | 95 |
| 13 AC MORLEY;HRW | 99 | 101 | 99 | 96 | 102 | 102 | 109 | 101 |
| 14 2737W;SWW | 110 | 99 | 112 | 104 | 103 | 104 | 109 | 106 |
| 15 2510;SRW | 110 | 103 | 113 | 106 | 106 | 100 | 109 | 107 |
| 16 25W33;SWW-a | 96 | 120 | 113 | 102 | 106 | 95 | 102 | 105 |
| 17 HANOVER;HRW | 82 | 90 | 106 | 101 | 91 | 93 | 99 | 95 |
| 18 MENDON;SRW | 113 | 102 | 102 | 99 | 100 | 102 | 96 | 102 |
| 19 F93012-M3;SRW | 104 | 110 | 104 | 98 | 91 | 93 | 108 | 101 |
| 20 OAC MONTROSE;HRW | 99 | 89 | 104 | 101 | 96 | 94 | 96 | 97 |
| 21 CM94090;HRW | 84 | 112 | 97 | 95 | 92 | 102 | 96 | 97 |
| 22 2540;SRW-a | 116 | 119 | 112 | 102 | 101 | 97 | 116 | 109 |
| 23 25R57;SRW | 99 | 114 | 95 | 98 | 103 | 108 | 111 | 104 |
| 24 AC READYMADE;HRW | 74 | 66 | 79 | 84 | 82 | 73 | 79 | 77 |
| 25 HURON;SWW | 109 | 106 | 104 | 99 | 100 | 101 | 97 | 102 |
| 26 TW91203;SWW | 112 | 99 | 98 | 109 | 109 | 114 | 89 | 104 |
| 27 TW93211;SWW | 113 | 105 | 94 | 108 | 112 | 107 | 97 | 105 |
| 28 TW92405;SRW | 101 | 102 | 97 | 103 | 103 | 93 | 103 | 100 |
| 29 CDC CLAIR;HRW-a | 82 | 60 | 82 | 92 | 87 | 86 | 86 | 82 |
| LOCATION MEAN | 6.80 | 5.70 | 3.83 | 5.55 | 5.91 | 6.20 | 5.14 | 5.59 |

*AVERAGE ACROSS LOCATIONS.

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 ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

YEAR : 97
 AREA : 1

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|---------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 19 | 5.32 | 69.1 | 38 | 84 | 2.0 | 111 | 161 | 1.3 | . | 3.0 | . | 1.3 | . | . | . | 200 |
| 2 KARENA;SWW | 12 | 5.69 | 74.2 | 39 | 100 | 2.5 | 116 | 163 | 1.0 | . | 3.7 | . | .7 | . | . | . | 201 |
| 3 AC RON;SWW | 8 | 5.76 | 73.8 | 40 | 100 | 6.0 | 112 | 163 | 2.8 | . | 4.0 | . | 1.7 | . | . | . | 200 |
| 4 OAC ARISS;SWW | 10 | 5.75 | 74.9 | 35 | 100 | 4.8 | 108 | 163 | 2.0 | . | 3.3 | . | 1.0 | . | . | . | 200 |
| 5 CASEY;SRW | 25 | 5.03 | 71.7 | 36 | 100 | 5.3 | 106 | 163 | 2.8 | . | 2.7 | . | 1.2 | . | . | . | 199 |
| 6 RUBY;SPRW | 18 | 5.37 | 77.1 | 40 | 100 | 2.8 | 111 | 161 | 3.0 | . | 4.0 | . | .4 | . | . | . | 201 |
| 7 FUNDULEA;HRW | 14 | 5.61 | 77.7 | 35 | 99 | .0 | 108 | 164 | 3.3 | . | 3.9 | . | .6 | . | . | . | 201 |
| 8 DIANA;SWW | 21 | 5.25 | 68.0 | 36 | 96 | .3 | 110 | 163 | 3.3 | . | 3.4 | . | 2.3 | . | . | . | 200 |
| 9 MARILEE;SWW | 23 | 5.15 | 72.2 | 42 | 100 | 3.3 | 106 | 164 | 2.8 | . | 2.4 | . | 1.0 | . | . | . | 201 |
| 10 FREEDOM;SRW | 11 | 5.71 | 73.1 | 35 | 93 | 5.5 | 103 | 162 | 2.5 | . | 3.0 | . | .7 | . | . | . | 203 |
| 11 AC DEXTER;SWW | 24 | 5.08 | 70.4 | 38 | 100 | 6.3 | 116 | 162 | .5 | . | 3.8 | . | 1.1 | . | . | . | 198 |
| 13 AC MORLEY;HRW | 17 | 5.42 | 77.2 | 38 | 99 | 6.5 | 125 | 162 | 1.8 | . | 4.3 | . | .1 | . | . | . | 202 |
| 14 2737W;SWW | 4 | 5.81 | 72.1 | 35 | 99 | 2.3 | 98 | 163 | 2.9 | . | 2.8 | . | 1.2 | . | . | . | 202 |
| 15 2510;SRW | 2 | 5.91 | 71.1 | 37 | 98 | .3 | 96 | 163 | 5.4 | . | 3.3 | . | 2.2 | . | . | . | 203 |
| 16 25W33;SWW-a | 3 | 5.89 | 72.9 | 32 | 96 | .8 | 92 | 163 | .9 | . | 3.7 | . | 2.2 | . | . | . | 201 |
| 17 HANOVER;HRW | 26 | 4.93 | 71.2 | 40 | 98 | .0 | 103 | 164 | 1.9 | . | 4.3 | . | 2.2 | . | . | . | 201 |
| 18 MENDON;SRW | 5 | 5.80 | 72.2 | 41 | 100 | 8.0 | 116 | 162 | 1.8 | . | 4.2 | . | 1.2 | . | . | . | 201 |
| 19 F93012-M3;SRW | 7 | 5.77 | 73.5 | 34 | 100 | 7.3 | 105 | 162 | .8 | . | 4.2 | . | 2.7 | . | . | . | 202 |
| 20 OAC MONTROSE;HRW | 21 | 5.25 | 75.3 | 40 | 100 | .0 | 113 | 160 | 2.7 | . | 4.3 | . | .1 | . | . | . | 202 |
| 21 CM94090;HRW | 20 | 5.26 | 75.1 | 40 | 96 | .0 | 102 | 162 | 2.8 | . | 3.7 | . | 2.0 | . | . | . | 202 |
| 22 2540;SRW-a | 1 | 6.33 | 75.7 | 37 | 96 | 4.5 | 95 | 163 | .9 | . | 3.9 | . | 1.8 | . | . | . | 203 |
| 23 25R57;SRW | 14 | 5.61 | 69.6 | 36 | 100 | 5.0 | 102 | 161 | .0 | . | 3.0 | . | 1.0 | . | . | . | 202 |
| 24 AC READYMADE;HRW | 28 | 3.93 | 69.5 | 35 | 100 | 1.0 | 118 | 164 | 3.8 | . | 4.8 | . | .0 | . | . | . | 204 |
| 25 HURON;SWW | 5 | 5.80 | 72.5 | 39 | 100 | 4.5 | 115 | 163 | .2 | . | 3.5 | . | 2.0 | . | . | . | 202 |
| 26 TW91203;SWW | 13 | 5.67 | 72.7 | 41 | 100 | 4.8 | 115 | 164 | 3.3 | . | 3.8 | . | 1.1 | . | . | . | 202 |
| 27 TW93211;SWW | 8 | 5.76 | 71.9 | 41 | 100 | 4.8 | 110 | 164 | 1.8 | . | 3.4 | . | 1.0 | . | . | . | 201 |
| 28 TW92405;SRW | 16 | 5.47 | 66.9 | 42 | 99 | 4.0 | 123 | 163 | 3.3 | . | 4.4 | . | .3 | . | . | . | 202 |
| 29 CDC CLAIR;HRW-a | 27 | 4.05 | 71.0 | 34 | 98 | 6.8 | 112 | 164 | 3.8 | . | 3.8 | . | 1.0 | . | . | . | 202 |
| LOCATIONS | 3 | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 1 |

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

YEAR : 97
 AREA : 2

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|---------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 24 | 5.48 | 76.4 | 39 | 93 | .0 | 91 | 171 | 1.3 | 2.0 | 3.8 | 2.0 | . | . | . | .0 | 205 |
| 2 KARENA;SWW | 8 | 5.98 | 74.6 | 38 | 96 | 1.0 | 98 | 172 | 1.2 | .0 | 3.7 | 2.5 | . | . | . | 1.0 | 207 |
| 3 AC RON;SWW | 11 | 5.84 | 75.4 | 38 | 93 | 1.0 | 93 | 171 | 1.6 | .0 | 3.9 | 1.5 | . | . | . | 2.0 | 206 |
| 4 OAC ARISS;SWW | 3 | 6.07 | 77.3 | 36 | 99 | 1.0 | 91 | 172 | 1.3 | 3.5 | 4.2 | 1.5 | . | . | . | .0 | 205 |
| 5 CASEY;SRW | 26 | 5.30 | 74.3 | 37 | 96 | .0 | 84 | 172 | .8 | 4.0 | 4.3 | 2.0 | . | . | . | 1.5 | 204 |
| 6 RUBY;SPRW | 15 | 5.68 | 77.6 | 39 | 99 | .0 | 87 | 171 | 1.6 | .0 | 4.9 | 1.0 | . | . | . | 1.5 | 205 |
| 7 FUNDULEA;HRW | 16 | 5.66 | 77.5 | 33 | 97 | .0 | 81 | 173 | .5 | .0 | 4.5 | 2.0 | . | . | . | .0 | 207 |
| 8 DIANA;SWW | 19 | 5.63 | 73.6 | 36 | 92 | .0 | 92 | 173 | 1.3 | 1.5 | 3.5 | 1.0 | . | . | . | .5 | 206 |
| 9 MARILEE;SWW | 1 | 6.15 | 73.5 | 43 | 95 | .3 | 89 | 173 | 1.8 | 4.5 | 4.2 | 3.0 | . | . | . | .0 | 207 |
| 10 FREEDOM;SRW | 2 | 6.10 | 75.7 | 36 | 92 | .0 | 86 | 172 | .7 | 1.0 | 3.7 | 1.5 | . | . | . | .0 | 208 |
| 11 AC DEXTER;SWW | 20 | 5.58 | 72.2 | 38 | 94 | 1.7 | 95 | 171 | .1 | 5.5 | 4.7 | 1.0 | . | . | . | 4.0 | 206 |
| 13 AC MORLEY;HRW | 12 | 5.80 | 78.6 | 38 | 92 | 1.0 | 101 | 172 | .6 | .0 | 3.7 | 1.5 | . | . | . | .0 | 206 |
| 14 2737W;SWW | 9 | 5.97 | 74.9 | 35 | 94 | .0 | 82 | 172 | 2.0 | 3.0 | 3.8 | 1.0 | . | . | . | 1.0 | 206 |
| 15 2510;SRW | 6 | 5.99 | 76.7 | 38 | 93 | .0 | 81 | 173 | 6.9 | 2.0 | 3.3 | 2.0 | . | . | . | .0 | 208 |
| 16 25W33;SWW-a | 13 | 5.76 | 73.9 | 33 | 93 | .0 | 73 | 172 | .3 | 1.5 | 4.0 | 1.0 | . | . | . | 3.0 | 208 |
| 17 HANOVER;HRW | 25 | 5.44 | 73.2 | 42 | 89 | .0 | 88 | 174 | 2.6 | .5 | 3.8 | 2.5 | . | . | . | .0 | 208 |
| 18 MENDON;SRW | 16 | 5.66 | 74.9 | 43 | 96 | 1.3 | 91 | 170 | .9 | 4.0 | 4.1 | 2.0 | . | . | . | .0 | 208 |
| 19 F93012-M3;SRW | 21 | 5.52 | 76.2 | 35 | 93 | 1.0 | 89 | 171 | .3 | 4.5 | 3.6 | 2.0 | . | . | . | 2.5 | 205 |
| 20 OAC MONTROSE;HRW | 22 | 5.50 | 78.8 | 42 | 96 | .0 | 91 | 170 | 1.3 | 2.0 | 4.6 | 3.0 | . | . | . | 4.0 | 206 |
| 21 CM94090;HRW | 22 | 5.50 | 78.2 | 41 | 97 | .0 | 86 | 171 | .3 | 3.5 | 4.7 | 2.5 | . | . | . | 1.0 | 207 |
| 22 2540;SRW-a | 10 | 5.91 | 76.8 | 39 | 92 | .0 | 79 | 171 | .2 | .5 | 3.7 | 1.5 | . | . | . | .0 | 206 |
| 23 25R57;SRW | 6 | 5.99 | 77.0 | 39 | 97 | .0 | 83 | 170 | .3 | 1.5 | 4.0 | 1.5 | . | . | . | .0 | 205 |
| 24 AC READYMADE;HRW | 28 | 4.52 | 78.8 | 36 | 94 | .0 | 97 | 173 | 3.8 | 6.0 | 5.6 | 1.5 | . | . | . | 2.5 | 209 |
| 25 HURON;SWW | 18 | 5.65 | 77.4 | 40 | 95 | .3 | 96 | 172 | .9 | .0 | 3.5 | 2.0 | . | . | . | .5 | 207 |
| 26 TW91203;SWW | 5 | 6.05 | 73.7 | 39 | 99 | 2.7 | 98 | 174 | 3.3 | .0 | 3.5 | 2.5 | . | . | . | .0 | 207 |
| 27 TW93211;SWW | 4 | 6.06 | 76.1 | 40 | 96 | .0 | 92 | 172 | .7 | 3.5 | 3.5 | 2.0 | . | . | . | .0 | 207 |
| 28 TW92405;SRW | 14 | 5.71 | 75.1 | 42 | 94 | .3 | 96 | 173 | 1.6 | 3.5 | 4.1 | .5 | . | . | . | .0 | 206 |
| 29 CDC CLAIR;HRW-a | 27 | 5.01 | 77.2 | 32 | 93 | 2.3 | 94 | 173 | 3.3 | 5.0 | 4.3 | 1.5 | . | . | . | .0 | 207 |
| LOCATIONS | 4 | 4 | 4 | 3 | 1 | 4 | 4 | 3 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 1 | 2 |

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

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

55
 ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

YEAR : 97
 AREA : 3

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|---------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | . | . | 78.5 | 36 | 90 | . | 76 | 163 | 1.5 | . | . | . | . | . | . | . | . |
| 2 KARENA;SWW | . | . | 78.3 | 36 | 79 | . | 78 | 164 | .5 | . | . | . | . | . | . | . | . |
| 3 AC RON;SWW | . | . | 76.8 | 35 | 93 | . | 83 | 164 | 1.5 | . | . | . | . | . | . | . | . |
| 4 OAC ARISS;SWW | . | . | 80.5 | 35 | 89 | . | 74 | 164 | .5 | . | . | . | . | . | . | . | . |
| 5 CASEY;SRW | . | . | 77.7 | 35 | 80 | . | 71 | 163 | .3 | . | . | . | . | . | . | . | . |
| 6 RUBY;SPRW | . | . | 82.8 | 36 | 89 | . | 71 | 163 | 2.3 | . | . | . | . | . | . | . | . |
| 7 FUNDULEA;HRW | . | . | 83.1 | 37 | 84 | . | 66 | 165 | 2.5 | . | . | . | . | . | . | . | . |
| 8 DIANA;SWW | . | . | 77.5 | 35 | 68 | . | 80 | 165 | .3 | . | . | . | . | . | . | . | . |
| 9 MARILEE;SWW | . | . | 77.9 | 41 | 85 | . | 75 | 164 | .0 | . | . | . | . | . | . | . | . |
| 10 FREEDOM;SRW | . | . | 78.8 | 34 | 86 | . | 70 | 164 | .5 | . | . | . | . | . | . | . | . |
| 11 AC DEXTER;SWW | . | . | 74.1 | 38 | 93 | . | 80 | 162 | .0 | . | . | . | . | . | . | . | . |
| 13 AC MORLEY;HRW | . | . | 81.9 | 36 | 86 | . | 86 | 162 | .0 | . | . | . | . | . | . | . | . |
| 14 2737W;SWW | . | . | 77.2 | 33 | 86 | . | 64 | 163 | .5 | . | . | . | . | . | . | . | . |
| 15 2510;SRW | . | . | 82.1 | 35 | 90 | . | 66 | 164 | 5.5 | . | . | . | . | . | . | . | . |
| 16 25W33;SWW-a | . | . | 78.5 | 32 | 76 | . | 55 | 165 | .0 | . | . | . | . | . | . | . | . |
| 17 HANOVER;HRW | . | . | 79.0 | 43 | 88 | . | 70 | 166 | 2.0 | . | . | . | . | . | . | . | . |
| 18 MENDON;SRW | . | . | 77.5 | 41 | 89 | . | 75 | 162 | .8 | . | . | . | . | . | . | . | . |
| 19 F93012-M3;SRW | . | . | 80.0 | 32 | 84 | . | 73 | 165 | .3 | . | . | . | . | . | . | . | . |
| 20 OAC MONTROSE;HRW | . | . | 82.7 | 40 | 86 | . | 73 | 163 | 3.0 | . | . | . | . | . | . | . | . |
| 21 CM94090;HRW | . | . | 82.8 | 39 | 81 | . | 66 | 164 | .3 | . | . | . | . | . | . | . | . |
| 22 2540;SRW-a | . | . | 80.2 | 35 | 75 | . | 63 | 163 | .0 | . | . | . | . | . | . | . | . |
| 23 25R57;SRW | . | . | 79.3 | 36 | 91 | . | 69 | 162 | .3 | . | . | . | . | . | . | . | . |
| 24 AC READYMADE;HRW | . | . | 84.0 | 35 | 70 | . | 79 | 166 | 4.0 | . | . | . | . | . | . | . | . |
| 25 HURON;SWW | . | . | 79.3 | 35 | 89 | . | 78 | 165 | .0 | . | . | . | . | . | . | . | . |
| 26 TW91203;SWW | . | . | 77.1 | 36 | 96 | . | 83 | 165 | .8 | . | . | . | . | . | . | . | . |
| 27 TW93211;SWW | . | . | 78.9 | 37 | 90 | . | 76 | 164 | 1.0 | . | . | . | . | . | . | . | . |
| 28 TW92405;SRW | . | . | 76.3 | 39 | 88 | . | 79 | 166 | 2.0 | . | . | . | . | . | . | . | . |
| 29 CDC CLAIR;HRW-a | . | . | 82.1 | 33 | 88 | . | 81 | 167 | 5.5 | . | . | . | . | . | . | . | . |
| LOCATIONS | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

THERE ARE NO YIELD DATA FOR AREA III IN 1997.

YEAR : 97
 AREA(S): 1- 3

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|---------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 21 | 5.41 | 74.6 | 38 | 91 | 1.0 | 94 | 167 | 1.3 | 2.0 | 3.5 | 2.0 | 1.3 | . | . | .0 | 203 |
| 2 KARENA;SWW | 8 | 5.86 | 75.0 | 38 | 93 | 1.8 | 100 | 168 | 1.0 | .0 | 3.6 | 2.5 | .7 | . | . | 1.0 | 205 |
| 3 AC RON;SWW | 11 | 5.81 | 75.2 | 38 | 94 | 3.5 | 97 | 168 | 2.0 | .0 | 3.9 | 1.5 | 1.7 | . | . | 2.0 | 204 |
| 4 OAC ARISS;SWW | 3 | 5.93 | 77.0 | 36 | 97 | 2.9 | 93 | 168 | 1.4 | 3.5 | 3.9 | 1.5 | 1.0 | . | . | .0 | 203 |
| 5 CASEY;SRW | 26 | 5.18 | 74.1 | 36 | 94 | 2.7 | 88 | 168 | 1.4 | 4.0 | 3.7 | 2.0 | 1.2 | . | . | 1.5 | 202 |
| 6 RUBY;SPRW | 19 | 5.55 | 78.2 | 38 | 97 | 1.4 | 91 | 167 | 1.7 | .0 | 4.6 | 1.0 | .4 | . | . | 1.5 | 203 |
| 7 FUNDULEA;HRW | 15 | 5.64 | 78.3 | 34 | 95 | .0 | 86 | 169 | 2.3 | .0 | 4.3 | 2.0 | .6 | . | . | .0 | 205 |
| 8 DIANA;SWW | 20 | 5.47 | 72.6 | 36 | 88 | .2 | 95 | 169 | 1.8 | 1.5 | 3.5 | 1.0 | 2.3 | . | . | .5 | 204 |
| 9 MARILEE;SWW | 12 | 5.72 | 73.7 | 42 | 94 | 1.8 | 92 | 169 | 1.8 | 4.5 | 3.6 | 3.0 | 1.0 | . | . | .0 | 205 |
| 10 FREEDOM;SRW | 3 | 5.93 | 75.4 | 35 | 91 | 2.8 | 89 | 168 | 1.3 | 1.0 | 3.4 | 1.5 | .7 | . | . | .0 | 206 |
| 11 AC DEXTER;SWW | 24 | 5.37 | 71.9 | 38 | 95 | 4.0 | 98 | 167 | .2 | 5.5 | 4.4 | 1.0 | 1.1 | . | . | 4.0 | 203 |
| 13 AC MORLEY;HRW | 15 | 5.64 | 78.7 | 37 | 92 | 3.8 | 105 | 168 | .9 | .0 | 3.9 | 1.5 | .1 | . | . | .0 | 204 |
| 14 2737W;SWW | 6 | 5.90 | 74.4 | 35 | 94 | 1.1 | 84 | 168 | 2.0 | 3.0 | 3.5 | 1.0 | 1.2 | . | . | 1.0 | 205 |
| 15 2510;SRW | 2 | 5.96 | 75.8 | 37 | 93 | .2 | 83 | 169 | 6.2 | 2.0 | 3.3 | 2.0 | 2.2 | . | . | .0 | 206 |
| 16 25W33;SWW-a | 10 | 5.82 | 74.3 | 33 | 90 | .4 | 76 | 168 | .4 | 1.5 | 3.9 | 1.0 | 2.2 | . | . | 3.0 | 205 |
| 17 HANOVER;HRW | 25 | 5.23 | 73.4 | 41 | 91 | .0 | 89 | 170 | 2.3 | .5 | 4.0 | 2.5 | 2.2 | . | . | .0 | 206 |
| 18 MENDON;SRW | 12 | 5.72 | 74.5 | 42 | 96 | 4.7 | 96 | 166 | 1.2 | 4.0 | 4.1 | 2.0 | 1.2 | . | . | 2.5 | 203 |
| 19 F93012-M3;SRW | 17 | 5.63 | 75.9 | 34 | 93 | 4.2 | 91 | 168 | .4 | 4.5 | 3.8 | 2.0 | 2.7 | . | . | 4.0 | 205 |
| 20 OAC MONTROSE;HRW | 22 | 5.39 | 78.3 | 41 | 95 | .0 | 94 | 166 | 2.0 | 2.0 | 4.5 | 3.0 | .1 | . | . | .0 | 205 |
| 21 CM94090;HRW | 22 | 5.39 | 78.0 | 40 | 93 | .0 | 87 | 167 | 1.1 | 3.5 | 4.3 | 2.5 | 2.0 | . | . | 1.0 | 205 |
| 22 2540;SRW-a | 1 | 6.09 | 77.0 | 38 | 90 | 2.3 | 81 | 167 | .4 | .5 | 3.8 | 1.5 | 1.8 | . | . | .0 | 205 |
| 23 25R57;SRW | 9 | 5.83 | 75.2 | 38 | 97 | 2.5 | 86 | 166 | .2 | 1.5 | 3.6 | 1.5 | 1.0 | . | . | .0 | 204 |
| 24 AC READYMADE;HRW | 28 | 4.27 | 76.9 | 35 | 90 | .5 | 100 | 169 | 3.8 | 6.0 | 5.3 | 1.5 | .0 | . | . | 2.5 | 207 |
| 25 HURON;SWW | 12 | 5.72 | 76.3 | 39 | 95 | 2.4 | 99 | 169 | .5 | .0 | 3.5 | 2.0 | 2.0 | . | . | .5 | 205 |
| 26 TW91203;SWW | 7 | 5.89 | 73.9 | 39 | 98 | 3.8 | 101 | 170 | 2.9 | .0 | 3.6 | 2.5 | 1.1 | . | . | .0 | 205 |
| 27 TW93211;SWW | 3 | 5.93 | 75.3 | 40 | 96 | 2.4 | 94 | 169 | 1.1 | 3.5 | 3.4 | 2.0 | 1.0 | . | . | .0 | 205 |
| 28 TW92405;SRW | 18 | 5.61 | 72.9 | 41 | 94 | 2.2 | 101 | 169 | 2.2 | 3.5 | 4.2 | .5 | .3 | . | . | .0 | 205 |
| 29 CDC CLAIR;HRW-a | 27 | 4.60 | 76.1 | 32 | 93 | 4.6 | 97 | 169 | 3.8 | 5.0 | 4.1 | 1.5 | 1.0 | . | . | .0 | 205 |
| LOCATIONS | 7 | 7 | 7 | 5 | 2 | 7 | 7 | 6 | 1 | 6 | 1 | 1 | 0 | 0 | 1 | 3 | |

YIELD AVERAGES WERE BASED ON DATA FROM: WOODSLEE, RIDGETOWN, INWOOD, NAIRN, ELORA, WOODSTOCK, HARRISTON.
 DAYS FROM JAN.1 A HIGH SCORE IS UNDESIRABLE IN THE LOGGING

ONTARIO PERFORMANCE TRIALS; FALL PASTRY & NON-PASTRY WHEAT 1997

1997 TRIAL STATISTICS (GRAIN YIELD)

| AREA | LOCATION | MEAN (G M-2) | REPS | ERROR SS | ERROR DF | ERROR MS | C.V. % |
|------|------------|-----------------|------|-------------|-------------|-------------|--------|
| I | WOODSLEE | 680 | 4 | 254840 | 84 | 3034 | 8.1% |
| I | RIDGETOWN | 570 | 4 | 104909 | 84 | 1249 | 6.2% |
| I | INWOOD | 383 | 5 | 191630 | 112 | 1711 | 10.8% |
| 2 | NAIRN | 555 | 4 | 41399 | 84 | 493 | 4.0% |
| 2 | ELORA | 620 | 4 | 94156 | 84 | 1121 | 5.4% |
| 2 | WOODSTOCK | 591 | 4 | 120175 | 84 | 1431 | 6.4% |
| 2 | HARRISTON | 514 | 3 | 133525 | 56 | 2384 | 9.5% |
| 3 | KEMPTVILLE | 480 | 4 | 152882 | 72 | 2123 | 9.6% |

EASTERN CEREAL AND OILSEED RESEARCH CENTRE; SPROUTING RATING

| KEY NAME | RATING |
|----------------------|--------|
| 1 HARUS; SWW | MS-S |
| 2 KARENA; SWW | S-VS |
| 3 AC RON; SWW | S-VS |
| 4 OAC ARISS; SWW | S |
| 5 CASEY; SRW | T |
| 6 RUBY; SPW | T |
| 7 FUNDULEA; HRW | T |
| 8 DIANA; SWW | MS-VS |
| 9 MARILEE; SWW | S |
| 10 FREEDOM; SRW | T |
| 11 AC DEXTER; SWW | VS |
| 13 AC MORLEY; HRW | T |
| 14 2737W; SWW | VS |
| 15 2510; SRW | T |
| 16 25W33; SWW-a | MS |
| 17 HANOVER; HRW | T |
| 18 MENDON; SRW | T |
| 19 F93012-M3; SRW | T |
| 20 OAC MONTROSE; HRW | T |
| 21 CM94090; HRW | T |
| 22 2540; SRW-a | T |
| 23 25R57; SRW | T |
| 24 AC READYMADE; HRW | T |
| 25 HURON; SWW | S |
| 26 TW91203; SWW | MS |
| 27 TW93211; SWW | T |
| 28 TW92405; SRW | T |
| 29 CDC CLAIR; HRW-a | T |

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

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 ONTARIO PERFORMANCE TRIAL; FALL PASTRY AND NON-PASTRY WHEAT 1997

LOCATION - WOODSLEE
 MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|---------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 21 | 6.40 | . | . | 84 | . | 102 | 162 | . | . | 3.5 | . | . | . | . | . | . |
| 2 KARENA;SWW | 7 | 7.50 | . | . | 100 | . | 108 | 163 | . | . | 4.8 | . | . | . | . | . | . |
| 3 AC RON;SWW | 4 | 7.60 | . | . | 100 | . | 104 | 164 | . | . | 5.5 | . | . | . | . | . | . |
| 4 OAC ARISS;SWW | 4 | 7.60 | . | . | 100 | . | 102 | 164 | . | . | 4.0 | . | . | . | . | . | . |
| 5 CASEY;SRW | 22 | 6.30 | . | . | 100 | . | 99 | 164 | . | . | 2.8 | . | . | . | . | . | . |
| 6 RUBY;SPRW | 13 | 6.90 | . | . | 100 | . | 105 | 161 | . | . | 5.0 | . | . | . | . | . | . |
| 7 FUNDULEA;HRW | 11 | 7.10 | . | . | 99 | . | 99 | 164 | . | . | 4.8 | . | . | . | . | . | . |
| 8 DIANA;SWW | 23 | 6.20 | . | . | 96 | . | 102 | 164 | . | . | 3.8 | . | . | . | . | . | . |
| 9 MARILEE;SWW | 27 | 5.30 | . | . | 100 | . | 95 | 165 | . | . | 2.3 | . | . | . | . | . | . |
| 10 FREEDOM;SRW | 16 | 6.80 | . | . | 93 | . | 95 | 163 | . | . | 3.0 | . | . | . | . | . | . |
| 11 AC DEXTER;SWW | 13 | 6.90 | . | . | 100 | . | 110 | 162 | . | . | 3.5 | . | . | . | . | . | . |
| 13 AC MORLEY;HRW | 17 | 6.70 | . | . | 99 | . | 119 | 162 | . | . | 5.0 | . | . | . | . | . | . |
| 14 2737W;SWW | 7 | 7.50 | . | . | 99 | . | 90 | 164 | . | . | 2.5 | . | . | . | . | . | . |
| 15 2510;SRW | 7 | 7.50 | . | . | 98 | . | 92 | 164 | . | . | 3.5 | . | . | . | . | . | . |
| 16 25W33;SWW-a | 20 | 6.50 | . | . | 96 | . | 83 | 165 | . | . | 3.8 | . | . | . | . | . | . |
| 17 HANOVER;HRW | 25 | 5.60 | . | . | 98 | . | 96 | 164 | . | . | 4.5 | . | . | . | . | . | . |
| 18 MENDON;SRW | 2 | 7.70 | . | . | 100 | . | 108 | 163 | . | . | 4.3 | . | . | . | . | . | . |
| 19 F93012-M3;SRW | 11 | 7.10 | . | . | 100 | . | 95 | 163 | . | . | 4.8 | . | . | . | . | . | . |
| 20 OAC MONTROSE;HRW | 17 | 6.70 | . | . | 100 | . | 109 | 160 | . | . | 4.5 | . | . | . | . | . | . |
| 21 CM94090;HRW | 24 | 5.70 | . | . | 96 | . | 92 | 163 | . | . | 2.8 | . | . | . | . | . | . |
| 22 2540;SRW-a | 1 | 7.90 | . | . | 96 | . | 88 | 164 | . | . | 4.8 | . | . | . | . | . | . |
| 23 25R57;SRW | 17 | 6.70 | . | . | 100 | . | 94 | 163 | . | . | 2.5 | . | . | . | . | . | . |
| 24 AC READYMADE;HRW | 28 | 5.00 | . | . | 100 | . | 112 | 164 | . | . | 4.0 | . | . | . | . | . | . |
| 25 HURON;SWW | 10 | 7.40 | . | . | 100 | . | 107 | 164 | . | . | 4.0 | . | . | . | . | . | . |
| 26 TW91203;SWW | 4 | 7.60 | . | . | 100 | . | 109 | 164 | . | . | 4.5 | . | . | . | . | . | . |
| 27 TW93211;SWW | 2 | 7.70 | . | . | 100 | . | 103 | 164 | . | . | 3.8 | . | . | . | . | . | . |
| 28 TW92405;SRW | 13 | 6.90 | . | . | 99 | . | 118 | 163 | . | . | 5.3 | . | . | . | . | . | . |
| 29 CDC CLAIR;HRW-a | 25 | 5.60 | . | . | 98 | . | 109 | 165 | . | . | 4.5 | . | . | . | . | . | . |
| MEANS | | 6.80 | . | . | 98 | . | 102 | 163 | . | . | 4.0 | . | . | . | . | . | . |

LOCATION - RIDGETOWN
 MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|---------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 9 | 6.11 | 75.5 | 39 | . | 2.0 | 119 | 160 | 2.5 | . | . | . | 1.3 | . | . | . | 200 |
| 2 KARENA;SWW | 8 | 6.15 | 74.8 | 37 | . | 2.5 | 124 | 162 | 2.0 | . | . | . | .7 | . | . | . | 201 |
| 3 AC RON;SWW | 12 | 5.97 | 74.5 | 37 | . | 6.0 | 120 | 161 | 5.5 | . | . | . | 1.7 | . | . | . | 200 |
| 4 OAC ARISS;SWW | 17 | 5.67 | 75.3 | 33 | . | 4.8 | 114 | 162 | 4.0 | . | . | . | 1.0 | . | . | . | 200 |
| 5 CASEY;SRW | 25 | 4.98 | 72.7 | 35 | . | 5.3 | 113 | 161 | 5.5 | . | . | . | 1.2 | . | . | . | 199 |
| 6 RUBY;SPRW | 20 | 5.55 | 78.9 | 40 | . | 2.8 | 117 | 161 | 6.0 | . | . | . | .4 | . | . | . | 201 |
| 7 FUNDULEA;HRW | 22 | 5.49 | 78.4 | 32 | . | .0 | 116 | 163 | 6.5 | . | . | . | .6 | . | . | . | 201 |
| 8 DIANA;SWW | 21 | 5.54 | 73.1 | 32 | . | .3 | 118 | 162 | 6.5 | . | . | . | 2.3 | . | . | . | 200 |
| 9 MARILEE;SWW | 6 | 6.25 | 72.4 | 39 | . | 3.3 | 116 | 163 | 5.5 | . | . | . | 1.0 | . | . | . | 201 |
| 10 FREEDOM;SRW | 5 | 6.26 | 72.7 | 32 | . | 5.5 | 110 | 161 | 5.0 | . | . | . | .7 | . | . | . | 203 |
| 11 AC DEXTER;SWW | 26 | 4.95 | 70.8 | 36 | . | 6.3 | 121 | 162 | 1.0 | . | . | . | 1.1 | . | . | . | 198 |
| 13 AC MORLEY;HRW | 16 | 5.78 | 77.8 | 37 | . | 6.5 | 131 | 162 | 3.5 | . | . | . | .1 | . | . | . | 202 |
| 14 2737W;SWW | 19 | 5.62 | 73.1 | 33 | . | 2.3 | 106 | 161 | 5.8 | . | . | . | 1.2 | . | . | . | 202 |
| 15 2510;SRW | 13 | 5.90 | 77.5 | 35 | . | .3 | 100 | 162 | 7.8 | . | . | . | 2.2 | . | . | . | 203 |
| 16 25W33;SWW-a | 1 | 6.83 | 72.4 | 30 | . | .8 | 100 | 161 | 1.8 | . | . | . | 2.2 | . | . | . | 201 |
| 17 HANOVER;HRW | 23 | 5.13 | 75.0 | 37 | . | .0 | 109 | 164 | 3.8 | . | . | . | 2.2 | . | . | . | 201 |
| 18 MENDON;SRW | 14 | 5.82 | 73.3 | 39 | . | 8.0 | 123 | 160 | 3.5 | . | . | . | 1.2 | . | . | . | 201 |
| 19 F93012-M3;SRW | 6 | 6.25 | 75.0 | 33 | . | 7.3 | 115 | 161 | 1.5 | . | . | . | 2.7 | . | . | . | 202 |
| 20 OAC MONTROSE;HRW | 24 | 5.06 | 78.4 | 38 | . | .0 | 116 | 159 | 5.3 | . | . | . | .1 | . | . | . | 202 |
| 21 CM94090;HRW | 4 | 6.37 | 78.4 | 40 | . | .0 | 111 | 161 | 5.5 | . | . | . | 2.0 | . | . | . | 202 |
| 22 2540;SRW-a | 2 | 6.81 | 76.9 | 37 | . | 4.5 | 102 | 161 | 1.8 | . | . | . | 1.8 | . | . | . | 203 |
| 23 25R57;SRW | 3 | 6.50 | 68.8 | 36 | . | 5.0 | 110 | 159 | .0 | . | . | . | 1.0 | . | . | . | 202 |
| 24 AC READYMADE;HRW | 27 | 3.77 | 72.3 | 34 | . | 1.0 | 124 | 164 | 7.0 | . | . | . | .0 | . | . | . | 204 |
| 25 HURON;SWW | 10 | 6.03 | 71.6 | 38 | . | 4.5 | 123 | 162 | .3 | . | . | . | 2.0 | . | . | . | 202 |
| 26 TW91203;SWW | 18 | 5.66 | 72.8 | 40 | . | 4.8 | 120 | 164 | 6.5 | . | . | . | 1.1 | . | . | . | 202 |
| 27 TW93211;SWW | 11 | 5.98 | 70.9 | 41 | . | 4.8 | 116 | 163 | 3.5 | . | . | . | 1.0 | . | . | . | 201 |
| 28 TW92405;SRW | 14 | 5.82 | 63.7 | 43 | . | 4.0 | 128 | 163 | 6.5 | . | . | . | .3 | . | . | . | 202 |
| 29 CDC CLAIR;HRW-a | 28 | 3.42 | 67.7 | 30 | . | 6.8 | 115 | 162 | 7.0 | . | . | . | 1.0 | . | . | . | 202 |
| MEANS | | 5.70 | 73.7 | 36 | . | 3.6 | 116 | 162 | 4.3 | . | . | . | 1.2 | . | . | . | 201 |

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

ONTARIO PERFORMANCE TRIAL; FALL PASTRY AND NON-PASTRY WHEAT 1997

LOCATION - INWOOD
MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|---------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 24 | 3.45 | 62.7 | 37 | . | . | . | . | .0 | . | 2.5 | . | . | . | . | . | . |
| 2 KARENA;SWW | 25 | 3.42 | 73.6 | 41 | . | . | . | . | .0 | . | 2.5 | . | . | . | . | . | . |
| 3 AC RON;SWW | 18 | 3.72 | 73.2 | 42 | . | . | . | . | .0 | . | 2.5 | . | . | . | . | . | . |
| 4 OAC ARISS;SWW | 10 | 3.97 | 74.4 | 37 | . | . | . | . | .0 | . | 2.5 | . | . | . | . | . | . |
| 5 CASEY;SRW | 15 | 3.82 | 70.7 | 36 | . | . | . | . | .0 | . | 2.5 | . | . | . | . | . | . |
| 6 RUBY;SPRW | 21 | 3.66 | 75.2 | 39 | . | . | . | . | .0 | . | 3.0 | . | . | . | . | . | . |
| 7 FUNDULEA;HRW | 5 | 4.25 | 76.9 | 38 | . | . | . | . | .0 | . | 3.0 | . | . | . | . | . | . |
| 8 DIANA;SWW | 8 | 4.00 | 62.9 | 40 | . | . | . | . | .0 | . | 3.0 | . | . | . | . | . | . |
| 9 MARILEE;SWW | 13 | 3.91 | 71.9 | 44 | . | . | . | . | .0 | . | 2.5 | . | . | . | . | . | . |
| 10 FREEDOM;SRW | 6 | 4.08 | 73.6 | 37 | . | . | . | . | .0 | . | 3.0 | . | . | . | . | . | . |
| 11 AC DEXTER;SWW. | 26 | 3.38 | 69.9 | 40 | . | . | . | . | .0 | . | 4.0 | . | . | . | . | . | . |
| 13 AC MORLEY;HRW | 16 | 3.77 | 76.5 | 38 | . | . | . | . | .0 | . | 3.5 | . | . | . | . | . | . |
| 14 2737W;SWW | 3 | 4.30 | 71.1 | 36 | . | . | . | . | .0 | . | 3.0 | . | . | . | . | . | . |
| 15 2510;SRW | 2 | 4.33 | 64.6 | 39 | . | . | . | . | 3.0 | . | 3.0 | . | . | . | . | . | . |
| 16 25W33;SWW-a | 1 | 4.34 | 73.3 | 34 | . | . | . | . | .0 | . | 3.5 | . | . | . | . | . | . |
| 17 HANOVER;HRW | 7 | 4.07 | 67.3 | 43 | . | . | . | . | .0 | . | 4.0 | . | . | . | . | . | . |
| 18 MENDON;SRW | 14 | 3.89 | 71.1 | 42 | . | . | . | . | .0 | . | 4.0 | . | . | . | . | . | . |
| 19 F93012-M3;SRW | 10 | 3.97 | 72.0 | 34 | . | . | . | . | .0 | . | 3.5 | . | . | . | . | . | . |
| 20 OAC MONTROSE;HRW | 9 | 3.99 | 72.1 | 41 | . | . | . | . | .0 | . | 4.0 | . | . | . | . | . | . |
| 21 CM94090;HRW | 19 | 3.71 | 71.8 | 40 | . | . | . | . | .0 | . | 4.5 | . | . | . | . | . | . |
| 22 2540;SRW-a | 4 | 4.29 | 74.4 | 37 | . | . | . | . | .0 | . | 3.0 | . | . | . | . | . | . |
| 23 25R57;SRW | 22 | 3.64 | 70.4 | 35 | . | . | . | . | .0 | . | 3.5 | . | . | . | . | . | . |
| 24 AC READYMADE;HRW | 28 | 3.01 | 66.7 | 36 | . | . | . | . | .5 | . | 5.5 | . | . | . | . | . | . |
| 25 HURON;SWW | 10 | 3.97 | 73.4 | 40 | . | . | . | . | .0 | . | 3.0 | . | . | . | . | . | . |
| 26 TW91203;SWW | 17 | 3.75 | 72.6 | 41 | . | . | . | . | .0 | . | 3.0 | . | . | . | . | . | . |
| 27 TW93211;SWW | 23 | 3.60 | 73.0 | 41 | . | . | . | . | .0 | . | 3.0 | . | . | . | . | . | . |
| 28 TW92405;SRW | 20 | 3.70 | 70.2 | 41 | . | . | . | . | .0 | . | 3.5 | . | . | . | . | . | . |
| 29 CDC CLAIR;HRW-a | 27 | 3.12 | 74.3 | 38 | . | . | . | . | .5 | . | 3.0 | . | . | . | . | . | . |
| MEANS | | 3.83 | 71.4 | 39 | . | . | . | . | .1 | . | 3.3 | . | . | . | . | . | . |

LOCATION - NAIRN
MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|---------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 27 | 4.98 | 79.2 | 39 | 94 | . | 83 | 168 | . | 2.0 | 5.5 | 2.0 | . | . | . | . | .0 203 |
| 2 KARENA;SWW | 6 | 5.83 | 78.2 | 42 | 99 | . | 97 | 169 | . | .0 | 5.5 | 2.5 | . | . | . | . | 1.0 204 |
| 3 AC RON;SWW | 16 | 5.58 | 78.0 | 39 | 91 | . | 91 | 168 | . | .0 | 5.5 | 1.5 | . | . | . | . | 2.0 204 |
| 4 OAC ARISS;SWW | 4 | 5.88 | 79.8 | 39 | 100 | . | 102 | 169 | . | 3.5 | 6.5 | 1.5 | . | . | . | . | .0 202 |
| 5 CASEY;SRW | 26 | 5.05 | 77.3 | 39 | 99 | . | 88 | 168 | . | 4.0 | 6.0 | 2.0 | . | . | . | . | 1.5 200 |
| 6 RUBY;SPRW | 17 | 5.51 | 81.1 | 39 | 100 | . | 87 | 167 | . | .0 | 7.0 | 1.0 | . | . | . | . | 1.5 200 |
| 7 FUNDULEA;HRW | 14 | 5.59 | 81.4 | 33 | 98 | . | 81 | 169 | . | .0 | 6.5 | 2.0 | . | . | . | . | .0 203 |
| 8 DIANA;SWW | 6 | 5.83 | 76.5 | 38 | 99 | . | 91 | 169 | . | 1.5 | 5.5 | 1.0 | . | . | . | . | .5 202 |
| 9 MARILEE;SWW | 3 | 5.91 | 76.9 | 47 | 99 | . | 85 | 170 | . | 4.5 | 6.5 | 3.0 | . | . | . | . | .0 204 |
| 10 FREEDOM;SRW | 21 | 5.45 | 77.8 | 36 | 93 | . | 89 | 169 | . | 1.0 | 5.5 | 1.5 | . | . | . | . | .0 205 |
| 11 AC DEXTER;SWW | 12 | 5.62 | 75.5 | 42 | 99 | . | 92 | 168 | . | 5.5 | 7.0 | 1.0 | . | . | . | . | 4.0 203 |
| 13 AC MORLEY;HRW | 23 | 5.30 | 80.5 | 37 | 96 | . | 103 | 169 | . | .0 | 6.0 | 1.5 | . | . | . | . | .0 203 |
| 14 2737W;SWW | 8 | 5.75 | 77.2 | 36 | 100 | . | 84 | 168 | . | 3.0 | 6.0 | 1.0 | . | . | . | . | 1.0 203 |
| 15 2510;SRW | 4 | 5.88 | 80.8 | 39 | 98 | . | 95 | 169 | . | 2.0 | 5.0 | 2.0 | . | . | . | . | .0 205 |
| 16 25W33;SWW-a | 10 | 5.67 | 77.6 | 35 | 100 | . | 76 | 168 | . | 1.5 | 7.0 | 1.0 | . | . | . | . | 3.0 205 |
| 17 HANOVER;HRW | 12 | 5.62 | 78.2 | 44 | 98 | . | 95 | 170 | . | .5 | 5.5 | 2.5 | . | . | . | . | .0 205 |
| 18 MENDON;SRW | 18 | 5.49 | 78.3 | 47 | 98 | . | 92 | 167 | . | 4.0 | 6.5 | 2.0 | . | . | . | . | 2.5 202 |
| 19 F93012-M3;SRW | 22 | 5.43 | 79.1 | 35 | 98 | . | 92 | 167 | . | 4.5 | 6.5 | 2.0 | . | . | . | . | 4.0 203 |
| 20 OAC MONTROSE;HRW | 14 | 5.59 | 81.2 | 41 | 100 | . | 88 | 168 | . | 2.0 | 7.0 | 3.0 | . | . | . | . | .0 203 |
| 21 CM94090;HRW | 24 | 5.25 | 79.4 | 39 | 100 | . | 86 | 168 | . | 3.5 | 6.5 | 2.5 | . | . | . | . | 1.0 204 |
| 22 2540;SRW-a | 11 | 5.66 | 80.4 | 38 | 98 | . | 91 | 167 | . | .5 | 6.0 | 1.5 | . | . | . | . | .0 203 |
| 23 25R57;SRW | 20 | 5.46 | 78.7 | 39 | 100 | . | 87 | 168 | . | 1.5 | 6.0 | 1.5 | . | . | . | . | .0 202 |
| 24 AC READYMADE;HRW | 28 | 4.64 | 82.6 | 35 | 100 | . | 102 | 170 | . | 6.0 | 7.5 | 1.5 | . | . | . | . | 2.5 206 |
| 25 HURON;SWW | 19 | 5.48 | 79.9 | 40 | 98 | . | 102 | 169 | . | .0 | 4.5 | 2.0 | . | . | . | . | .5 204 |
| 26 TW91203;SWW | 1 | 6.04 | 76.8 | 43 | 100 | . | 98 | 170 | . | .0 | 4.5 | 2.5 | . | . | . | . | .0 205 |
| 27 TW93211;SWW | 2 | 6.01 | 78.1 | 42 | 99 | . | 93 | 169 | . | 3.5 | 5.0 | 2.0 | . | . | . | . | .0 203 |
| 28 TW92405;SRW | 9 | 5.70 | 77.9 | 42 | 100 | . | 96 | 169 | . | 3.5 | 6.0 | .5 | . | . | . | . | .0 202 |
| 29 CDC CLAIR;HRW-a | 25 | 5.10 | 81.8 | 33 | 99 | . | 101 | 170 | . | 5.0 | 7.0 | 1.5 | . | . | . | . | .0 204 |
| MEANS | | 5.55 | 78.9 | 39 | 98 | . | 92 | 169 | . | 2.3 | 6.1 | 1.8 | . | . | . | . | .9 203 |

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL PASTRY AND NON-PASTRY WHEAT 1997

LOCATION - WOODSTOCK
MANAGEMENT - NORMAL

| CULTY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|--------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 19 | 5.74 | 77.3 | 36 | . | . | 96 | 170 | 1.0 | . | 4.3 | . | . | . | . | . | . |
| 2 KARENA;SWW | 7 | 6.18 | 75.4 | 33 | . | . | 98 | 171 | .0 | . | 4.3 | . | . | . | . | . | . |
| 3 AC RON;SWW | 4 | 6.38 | 77.3 | 37 | . | . | 94 | 170 | .0 | . | 3.5 | . | . | . | . | . | . |
| 4 OAC ARISS;SWW | 13 | 6.06 | 78.6 | 33 | . | . | 91 | 171 | .0 | . | 4.3 | . | . | . | . | . | . |
| 5 CASEY;SRW | 26 | 5.15 | 75.4 | 32 | . | . | 85 | 170 | .0 | . | 4.8 | . | . | . | . | . | . |
| 6 RUBY;SPRW | 8 | 6.15 | 78.6 | 36 | . | . | 91 | 169 | .0 | . | 5.0 | . | . | . | . | . | . |
| 7 FUNDULEA;HRW | 10 | 6.12 | 77.3 | 28 | . | . | 86 | 173 | .8 | . | 5.5 | . | . | . | . | . | . |
| 8 DIANA;SWW | 21 | 5.68 | 74.2 | 31 | . | . | 93 | 172 | .8 | . | 3.8 | . | . | . | . | . | . |
| 9 MARILEE;SWW | 1 | 6.63 | 73.6 | 39 | . | . | 93 | 171 | 1.3 | . | 4.3 | . | . | . | . | . | . |
| 0 FREEDOM;SRW | 8 | 6.15 | 76.1 | 34 | . | . | 83 | 172 | .0 | . | 4.3 | . | . | . | . | . | . |
| 1 AC DEXTER;SWW | 22 | 5.65 | 73.0 | 33 | . | . | 100 | 169 | .0 | . | 5.3 | . | . | . | . | . | . |
| 3 AC MORLEY;HRW | 15 | 6.00 | 78.6 | 34 | . | . | 99 | 171 | .0 | . | 4.0 | . | . | . | . | . | . |
| 4 2737W;SWW | 12 | 6.09 | 78.0 | 34 | . | . | 81 | 172 | 1.5 | . | 3.8 | . | . | . | . | . | . |
| 5 2510;SRW | 5 | 6.28 | 81.1 | 36 | . | . | 76 | 171 | 7.3 | . | 3.5 | . | . | . | . | . | . |
| 6 25W33;SWW-a | 6 | 6.27 | 74.8 | 29 | . | . | 71 | 171 | .5 | . | 3.8 | . | . | . | . | . | . |
| 7 HANOVER;HRW | 25 | 5.35 | 74.2 | 38 | . | . | 89 | 173 | 1.5 | . | 4.0 | . | . | . | . | . | . |
| 8 MENDON;SRW | 17 | 5.91 | 77.3 | 42 | . | . | 95 | 168 | .8 | . | 3.8 | . | . | . | . | . | . |
| 9 F93012-M3;SRW | 24 | 5.39 | 79.1 | 34 | . | . | 89 | 171 | .8 | . | 3.8 | . | . | . | . | . | . |
| 0 OAC MONTROSE;HRW | 20 | 5.70 | 79.8 | 39 | . | . | 96 | 169 | .8 | . | 5.0 | . | . | . | . | . | . |
| 1 CM94090;HRW | 23 | 5.46 | 79.8 | 41 | . | . | 89 | 169 | .0 | . | 5.0 | . | . | . | . | . | . |
| 2 2540;SRW-a | 16 | 5.98 | 78.6 | 39 | . | . | 75 | 170 | .0 | . | 3.8 | . | . | . | . | . | . |
| 3 25R57;SRW | 11 | 6.10 | 78.6 | 37 | . | . | 84 | 168 | .0 | . | 5.0 | . | . | . | . | . | . |
| 4 AC READYMADE;HRW | 28 | 4.83 | 79.8 | 33 | . | . | 98 | 173 | 3.0 | . | 6.0 | . | . | . | . | . | . |
| 5 HURON;SWW | 17 | 5.91 | 78.6 | 37 | . | . | 93 | 171 | .8 | . | 4.3 | . | . | . | . | . | . |
| 6 TW91203;SWW | 3 | 6.46 | 76.1 | 40 | . | . | 101 | 173 | 3.5 | . | 4.0 | . | . | . | . | . | . |
| 7 TW93211;SWW | 2 | 6.60 | 79.2 | 41 | . | . | 95 | 171 | .0 | . | 4.0 | . | . | . | . | . | . |
| 8 TW92405;SRW | 13 | 6.06 | 76.6 | 40 | . | . | 99 | 172 | .0 | . | 4.5 | . | . | . | . | . | . |
| 9 CDC CLAIR;HRW-a | 26 | 5.15 | 76.1 | 26 | . | . | 93 | 172 | 2.5 | . | 4.3 | . | . | . | . | . | . |
| EANS | | 5.91 | 77.3 | 35 | . | . | 90 | 171 | .9 | . | 4.3 | . | . | . | . | . | . |

LOCATION - ELORA
MANAGEMENT - NORMAL

| CULTY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|--------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 20 | 5.97 | 76.1 | 37 | 90 | . | 85 | 173 | .3 | . | 2.7 | . | . | . | . | . | 207 |
| 2 KARENA;SWW | 12 | 6.32 | 73.6 | 35 | 91 | . | 91 | 174 | .7 | . | 2.3 | . | . | . | . | . | 209 |
| 3 AC RON;SWW | 9 | 6.36 | 73.6 | 35 | 94 | . | 89 | 174 | 1.3 | . | 3.0 | . | . | . | . | . | 208 |
| 4 OAC ARISS;SWW | 2 | 6.99 | 76.1 | 32 | 100 | . | 81 | 174 | 1.0 | . | 3.0 | . | . | . | . | . | 208 |
| 5 CASEY;SRW | 6 | 6.58 | 73.6 | 36 | 94 | . | 81 | 174 | 1.3 | . | 2.3 | . | . | . | . | . | 208 |
| 6 RUBY;SPRW | 9 | 6.36 | 76.1 | 36 | 99 | . | 81 | 173 | .7 | . | 3.0 | . | . | . | . | . | 209 |
| 7 FUNDULEA;HRW | 15 | 6.26 | 77.3 | 33 | 98 | . | 75 | 175 | .3 | . | 3.0 | . | . | . | . | . | 210 |
| 8 DIANA;SWW | 21 | 5.94 | 72.3 | 32 | 85 | . | 86 | 176 | .7 | . | 2.7 | . | . | . | . | . | 210 |
| 9 MARILEE;SWW | 7 | 6.56 | 73.6 | 39 | 90 | . | 88 | 174 | 1.7 | . | 3.0 | . | . | . | . | . | 209 |
| 0 FREEDOM;SRW | 3 | 6.83 | 76.1 | 35 | 94 | . | 81 | 174 | .0 | . | 2.3 | . | . | . | . | . | 210 |
| 1 AC DEXTER;SWW | 18 | 6.12 | 71.1 | 36 | 88 | . | 88 | 174 | .3 | . | 3.0 | . | . | . | . | . | 209 |
| 3 AC MORLEY;HRW | 13 | 6.31 | 79.8 | 37 | 90 | . | 93 | 174 | .3 | . | 2.3 | . | . | . | . | . | 208 |
| 4 2737W;SWW | 8 | 6.47 | 72.3 | 32 | 86 | . | 75 | 173 | 1.0 | . | 2.0 | . | . | . | . | . | 209 |
| 5 2510;SRW | 17 | 6.21 | 73.6 | 36 | 85 | . | 71 | 175 | 7.0 | . | 2.3 | . | . | . | . | . | 210 |
| 6 25W33;SWW-a | 22 | 5.86 | 73.6 | 32 | 89 | . | 68 | 174 | .3 | . | 3.0 | . | . | . | . | . | 210 |
| 7 HANOVER;HRW | 25 | 5.74 | 71.1 | 41 | 80 | . | 78 | 176 | 2.3 | . | 2.7 | . | . | . | . | . | 211 |
| 8 MENDON;SRW | 13 | 6.31 | 73.6 | 38 | 94 | . | 83 | 172 | .0 | . | 2.7 | . | . | . | . | . | 207 |
| 9 F93012-M3;SRW | 25 | 5.74 | 74.8 | 33 | 90 | . | 81 | 173 | .0 | . | 2.0 | . | . | . | . | . | 209 |
| 0 OAC MONTROSE;HRW | 23 | 5.81 | 79.8 | 44 | 91 | . | 81 | 172 | .7 | . | 3.0 | . | . | . | . | . | 209 |
| 1 CM94090;HRW | 11 | 6.33 | 78.6 | 39 | 96 | . | 78 | 173 | .3 | . | 3.3 | . | . | . | . | . | 210 |
| 2 2540;SRW-a | 19 | 6.03 | 77.3 | 38 | 88 | . | 68 | 174 | .0 | . | 2.0 | . | . | . | . | . | 209 |
| 3 25R57;SRW | 4 | 6.71 | 77.3 | 38 | 93 | . | 75 | 173 | .3 | . | 2.3 | . | . | . | . | . | 208 |
| 4 AC READYMADE;HRW | 28 | 4.55 | 78.6 | 39 | 86 | . | 83 | 176 | 4.3 | . | 2.7 | . | . | . | . | . | 212 |
| 5 HURON;SWW | 15 | 6.26 | 78.6 | 41 | 93 | . | 89 | 175 | .3 | . | 2.7 | . | . | . | . | . | 210 |
| 6 TW91203;SWW | 1 | 7.09 | 72.3 | 36 | 96 | . | 93 | 176 | 2.0 | . | 3.0 | . | . | . | . | . | 209 |
| 7 TW93211;SWW | 5 | 6.66 | 74.8 | 35 | 94 | . | 85 | 175 | .7 | . | 2.3 | . | . | . | . | . | 210 |
| 8 TW92405;SRW | 24 | 5.78 | 73.6 | 41 | 84 | . | 86 | 175 | 1.7 | . | 2.3 | . | . | . | . | . | 210 |
| 9 CDC CLAIR;HRW-a | 27 | 5.36 | 77.3 | 33 | 88 | . | 85 | 175 | 4.3 | . | 2.7 | . | . | . | . | . | 210 |
| EANS | | 6.20 | 75.2 | 36 | 91 | . | 82 | 174 | 1.2 | . | 2.6 | . | . | . | . | . | 209 |

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

60
ONTARIO PERFORMANCE TRIAL; FALL PASTRY AND NON-PASTRY WHEAT 1997

LOCATION - HARRISTON
MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|---------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 13 | 5.24 | 72.8 | 42 | 95 | .0 | 98 | 172 | 2.5 | . | 2.5 | . | . | . | . | . | . |
| 2 KARENA;SWW | 6 | 5.59 | 71.2 | 41 | 98 | 1.0 | 105 | 174 | 3.0 | . | 2.5 | . | . | . | . | . | . |
| 3 AC RON;SWW | 16 | 5.04 | 72.8 | 42 | 93 | 1.0 | 97 | 173 | 3.5 | . | 3.5 | . | . | . | . | . | . |
| 4 OAC ARISS;SWW | 10 | 5.33 | 74.6 | 40 | 98 | 1.0 | 90 | 175 | 3.0 | . | 3.0 | . | . | . | . | . | . |
| 5 CASEY;SRW | 27 | 4.41 | 71.0 | 39 | 95 | .0 | 81 | 174 | 1.0 | . | 4.0 | . | . | . | . | . | . |
| 6 RUBY;SPRW | 23 | 4.72 | 74.6 | 43 | 99 | .0 | 88 | 173 | 1.0 | . | 4.5 | . | . | . | . | . | . |
| 7 FUNDULEA;HRW | 24 | 4.66 | 74.0 | 39 | 94 | .0 | 82 | 176 | 3.5 | . | 3.0 | . | . | . | . | . | . |
| 8 DIANA;SWW | 14 | 5.07 | 71.4 | 41 | 91 | .0 | 96 | 175 | 2.5 | . | 2.0 | . | . | . | . | . | . |
| 9 MARILEE;SWW | 9 | 5.50 | 69.8 | 47 | 96 | .3 | 91 | 175 | 2.5 | . | 3.0 | . | . | . | . | . | . |
| 10 FREEDOM;SRW | 2 | 5.96 | 72.8 | 39 | 89 | .0 | 92 | 174 | 2.0 | . | 2.5 | . | . | . | . | . | . |
| 11 AC DEXTER;SWW | 20 | 4.94 | 69.0 | 39 | 95 | 1.7 | 98 | 173 | .0 | . | 3.5 | . | . | . | . | . | . |
| 13 AC MORLEY;HRW | 4 | 5.60 | 75.6 | 42 | 90 | 1.0 | 107 | 173 | 1.5 | . | 2.5 | . | . | . | . | . | . |
| 14 2737W;SWW | 6 | 5.59 | 72.0 | 38 | 97 | .0 | 87 | 174 | 3.5 | . | 3.5 | . | . | . | . | . | . |
| 15 2510;SRW | 4 | 5.60 | 71.2 | 41 | 95 | .0 | 80 | 175 | 6.5 | . | 2.5 | . | . | . | . | . | . |
| 16 25W33;SWW-a | 12 | 5.25 | 69.8 | 36 | 89 | .0 | 78 | 173 | .0 | . | 2.0 | . | . | . | . | . | . |
| 17 HANOVER;HRW | 14 | 5.07 | 69.2 | 43 | 89 | .0 | 89 | 175 | 4.0 | . | 3.0 | . | . | . | . | . | . |
| 18 MENDON;SRW | 19 | 4.95 | 70.2 | 44 | 97 | 1.3 | 95 | 173 | 2.0 | . | 3.5 | . | . | . | . | . | . |
| 19 F93012-M3;SRW | 8 | 5.54 | 71.6 | 38 | 92 | 1.0 | 92 | 173 | .0 | . | 2.0 | . | . | . | . | . | . |
| 20 OAC MONTROSE;HRW | 22 | 4.91 | 74.4 | 43 | 96 | .0 | 98 | 172 | 2.5 | . | 3.5 | . | . | . | . | . | . |
| 21 CM94090;HRW | 20 | 4.94 | 75.0 | 44 | 94 | .0 | 90 | 173 | .5 | . | 4.0 | . | . | . | . | . | . |
| 22 2540;SRW-a | 1 | 5.98 | 71.0 | 42 | 91 | .0 | 81 | 173 | .5 | . | 3.0 | . | . | . | . | . | . |
| 23 25R57;SRW | 3 | 5.71 | 73.4 | 42 | 99 | .0 | 86 | 172 | .5 | . | 2.5 | . | . | . | . | . | . |
| 24 AC READYMADE;HRW | 28 | 4.06 | 74.2 | 36 | 95 | .0 | 103 | 173 | 4.0 | . | 6.0 | . | . | . | . | . | . |
| 25 HURON;SWW | 18 | 4.97 | 72.6 | 41 | 95 | .3 | 99 | 174 | 1.5 | . | 2.5 | . | . | . | . | . | . |
| 26 TW91203;SWW | 25 | 4.60 | 69.4 | 38 | 100 | 2.7 | 100 | 177 | 4.5 | . | 2.5 | . | . | . | . | . | . |
| 27 TW93211;SWW | 17 | 4.98 | 72.2 | 42 | 96 | .0 | 93 | 174 | 1.5 | . | 2.5 | . | . | . | . | . | . |
| 28 TW92405;SRW | 11 | 5.28 | 72.2 | 44 | 99 | .3 | 103 | 177 | 3.0 | . | 3.5 | . | . | . | . | . | . |
| 29 CDC CLAIR;HRW-a | 26 | 4.43 | 73.4 | 34 | 91 | 2.3 | 96 | 173 | 3.0 | . | 3.0 | . | . | . | . | . | . |
| MEANS | | 5.14 | 72.2 | 41 | 95 | .5 | 93 | 174 | 2.3 | . | 3.1 | . | . | . | . | . | . |

LOCATION - OTTAWA-1
MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|---------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | . | . | 78.5 | 36 | 90 | . | 76 | 163 | 1.5 | . | . | . | . | . | . | . | . |
| 2 KARENA;SWW | . | . | 78.3 | 36 | 79 | . | 78 | 164 | .5 | . | . | . | . | . | . | . | . |
| 3 AC RON;SWW | . | . | 76.8 | 35 | 93 | . | 83 | 164 | 1.5 | . | . | . | . | . | . | . | . |
| 4 OAC ARISS;SWW | . | . | 80.5 | 35 | 89 | . | 74 | 164 | .5 | . | . | . | . | . | . | . | . |
| 5 CASEY;SRW | . | . | 77.7 | 35 | 80 | . | 71 | 163 | .3 | . | . | . | . | . | . | . | . |
| 6 RUBY;SPRW | . | . | 82.8 | 36 | 89 | . | 71 | 163 | 2.3 | . | . | . | . | . | . | . | . |
| 7 FUNDULEA;HRW | . | . | 83.1 | 37 | 84 | . | 66 | 165 | 2.5 | . | . | . | . | . | . | . | . |
| 8 DIANA;SWW | . | . | 77.5 | 35 | 68 | . | 80 | 165 | .3 | . | . | . | . | . | . | . | . |
| 9 MARILEE;SWW | . | . | 77.9 | 41 | 85 | . | 75 | 164 | .0 | . | . | . | . | . | . | . | . |
| 10 FREEDOM;SRW | . | . | 78.8 | 34 | 86 | . | 70 | 164 | .5 | . | . | . | . | . | . | . | . |
| 11 AC DEXTER;SWW | . | . | 74.1 | 38 | 93 | . | 80 | 162 | .0 | . | . | . | . | . | . | . | . |
| 13 AC MORLEY;HRW | . | . | 81.9 | 36 | 86 | . | 86 | 162 | .0 | . | . | . | . | . | . | . | . |
| 14 2737W;SWW | . | . | 77.2 | 33 | 86 | . | 64 | 163 | .5 | . | . | . | . | . | . | . | . |
| 15 2510;SRW | . | . | 82.1 | 35 | 90 | . | 66 | 164 | 5.5 | . | . | . | . | . | . | . | . |
| 16 25W33;SWW-a | . | . | 78.5 | 32 | 76 | . | 55 | 165 | .0 | . | . | . | . | . | . | . | . |
| 17 HANOVER;HRW | . | . | 79.0 | 43 | 88 | . | 70 | 166 | 2.0 | . | . | . | . | . | . | . | . |
| 18 MENDON;SRW | . | . | 77.5 | 41 | 89 | . | 75 | 162 | .8 | . | . | . | . | . | . | . | . |
| 19 F93012-M3;SRW | . | . | 80.0 | 32 | 84 | . | 73 | 165 | .3 | . | . | . | . | . | . | . | . |
| 20 OAC MONTROSE;HRW | . | . | 82.7 | 40 | 86 | . | 73 | 163 | 3.0 | . | . | . | . | . | . | . | . |
| 21 CM94090;HRW | . | . | 82.8 | 39 | 81 | . | 66 | 164 | .3 | . | . | . | . | . | . | . | . |
| 22 2540;SRW-a | . | . | 80.2 | 35 | 75 | . | 63 | 163 | .0 | . | . | . | . | . | . | . | . |
| 23 25R57;SRW | . | . | 79.3 | 36 | 91 | . | 69 | 162 | .3 | . | . | . | . | . | . | . | . |
| 24 AC READYMADE;HRW | . | . | 84.0 | 35 | 70 | . | 79 | 166 | 4.0 | . | . | . | . | . | . | . | . |
| 25 HURON;SWW | . | . | 79.3 | 35 | 89 | . | 78 | 165 | .0 | . | . | . | . | . | . | . | . |
| 26 TW91203;SWW | . | . | 77.1 | 36 | 96 | . | 83 | 165 | .8 | . | . | . | . | . | . | . | . |
| 27 TW93211;SWW | . | . | 78.9 | 37 | 90 | . | 76 | 164 | 1.0 | . | . | . | . | . | . | . | . |
| 28 TW92405;SRW | . | . | 76.3 | 39 | 88 | . | 79 | 166 | 2.0 | . | . | . | . | . | . | . | . |
| 29 CDC CLAIR;HRW-a | . | . | 82.1 | 33 | 88 | . | 81 | 167 | 5.5 | . | . | . | . | . | . | . | . |
| MEANS | | . | 79.5 | 36 | 85 | . | 74 | 164 | 1.3 | . | . | . | . | . | . | . | . |

* DAYS FROM JAN. 1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL PASTRY AND NON-PASTRY WHEAT 1997

LOCATION - KEMPTVILLE**
 MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW K/HL | KW MG | SUR % | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|---------------------|-------|------|--------------|----------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 HARUS;SWW | 6 | 5.20 | 78.6 | 33 | 80 | . | 93 | 167 | . | . | . | . | . | . | . | . | . |
| 2 KARENA;SWW | 5 | 5.26 | 78.1 | 41 | 70 | . | 99 | 167 | . | . | . | . | . | . | . | . | . |
| 3 AC RON;SWW | 9 | 5.16 | 76.0 | 45 | 84 | . | 94 | 167 | . | . | . | . | . | . | . | . | . |
| 4 OAC ARISS;SWW | 4 | 5.43 | 80.5 | 40 | 86 | . | 90 | 168 | . | . | . | . | . | . | . | . | . |
| 5 CASEY;SRW | 15 | 4.70 | 77.9 | 39 | 70 | . | 88 | 167 | . | . | . | . | . | . | . | . | . |
| 6 RUBY;SPRW | 14 | 4.79 | 81.0 | 37 | 78 | . | 87 | 167 | . | . | . | . | . | . | . | . | . |
| 7 FUNDULEA;HRW | 20 | 4.30 | 83.2 | 39 | 79 | . | 85 | 169 | . | . | . | . | . | . | . | . | . |
| 8 DIANA;SWW | 17 | 4.40 | 76.7 | 38 | 65 | . | 90 | 169 | . | . | . | . | . | . | . | . | . |
| 9 MARILEE;SWW | 13 | 4.84 | 74.7 | 45 | 65 | . | 87 | 169 | . | . | . | . | . | . | . | . | . |
| 10 FREEDOM;SRW | 10 | 5.12 | 77.8 | 36 | 85 | . | 87 | 167 | . | . | . | . | . | . | . | . | . |
| 11 AC DEXTER;SWW | 1 | 5.92 | 74.8 | 43 | 89 | . | 94 | 166 | . | . | . | . | . | . | . | . | . |
| 13 AC MORLEY;HRW | 18 | 4.38 | 80.7 | 40 | 68 | . | 96 | 167 | . | . | . | . | . | . | . | . | . |
| 14 2737W;SWW | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 15 2510;SRW | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 16 25W33;SWW-a | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 17 HANOVER;HRW | 19 | 4.34 | 79.0 | 42 | 81 | . | 84 | 169 | . | . | . | . | . | . | . | . | . |
| 18 MENDON;SRW | 2 | 5.87 | 76.6 | 44 | 84 | . | 93 | 166 | . | . | . | . | . | . | . | . | . |
| 19 F93012-M3;SRW | 3 | 5.52 | 75.5 | 33 | 81 | . | 94 | 167 | . | . | . | . | . | . | . | . | . |
| 20 OAC MONTROSE;HRW | 22 | 3.82 | 82.2 | 41 | 74 | . | 84 | 167 | . | . | . | . | . | . | . | . | . |
| 21 CM94090;HRW | 16 | 4.58 | 80.2 | 38 | 71 | . | 82 | 168 | . | . | . | . | . | . | . | . | . |
| 22 2540;SRW-a | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 23 25R57;SRW | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 24 AC READYMADE;HRW | 23 | 3.51 | 82.7 | 35 | 75 | . | 91 | 169 | . | . | . | . | . | . | . | . | . |
| 25 HURON;SWW | 11 | 5.09 | 78.8 | 40 | 85 | . | 92 | 168 | . | . | . | . | . | . | . | . | . |
| 26 TW91203;SWW | 7 | 5.17 | 77.7 | 42 | 83 | . | 94 | 169 | . | . | . | . | . | . | . | . | . |
| 27 TW93211;SWW | 7 | 5.17 | 78.4 | 42 | 73 | . | 84 | 169 | . | . | . | . | . | . | . | . | . |
| 28 TW92405;SRW | 12 | 4.88 | 78.0 | 43 | 69 | . | 97 | 169 | . | . | . | . | . | . | . | . | . |
| 29 CDC CLAIR;HRW-a | 21 | 4.09 | 81.6 | 34 | 75 | . | 92 | 170 | . | . | . | . | . | . | . | . | . |
| MEANS | | 4.85 | 78.8 | 40 | 77 | . | 90 | 168 | . | . | . | . | . | . | . | . | . |

* DAYS FROM JAN.1

**DATA AT KEMPTVILLE ARE PRESENTED FOR INFORMATION ONLY AND ARE NOT PART OF ANY SUMMARY.
 A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIAL; FALL PASTRY AND NON-PASTRY WHEAT 1997

LOCATION - RIDGETOWN MISTED
 MANAGEMENT - FUSARIUM INOCULATION

| KEY NAME | FUSARIUM HEAD BLIGHT INDEX + | DON++ |
|----------------------|---------------------------------|---------|
| 1 HARUS; SWW | 22 b-f* | 1.5 d-i |
| 2 KARENA; SWW | 5 hij | 1.9 d-i |
| 3 AC RON; SWW | 28 bc | 2.2 d-i |
| 4 OAC ARISS; SWW | 8 f-j | 2.1 d-i |
| 5 CASEY; SRW | 15 c-j | 2.0 d-i |
| 6 RUBY; SPRW | 11 d-j | 3.1 c-i |
| 7 FUNDULEA; HRW | 8 f-j | 0.7 i |
| 8 DIANA; SWW | 21 b-g | 4.6 a-e |
| 9 MARILEE; SWW | 11 d-j | 1.8 d-i |
| 10 FREEDOM; SRW | 6 g-j | 0.9 hi |
| 11 AC DEXTER; SWW | 21 b-g | 5.8 abc |
| 13 AC MORLEY; HRW | 7 f-j | 0.7 i |
| 14 2737W; SWW | 25 b-e | 6.4 ab |
| 15 2510; SRW | 20 b-h | 2.4 d-i |
| 16 25W33; SWW-a | 20 b-h | 2.1 d-i |
| 17 HANOVER; HRW | 19 b-i | 3.9 b-h |
| 18 MENDON; SRW | 26 bcd | 1.5 f-i |
| 19 F93012-M3; SRW | 28 bc | 4.4 a-f |
| 20 OAC MONTROSE; HRW | 14 c-j | 1.9 d-i |
| 21 CM94090; HRW | 20 b-h | 4.2 a-g |
| 22 2540; SRW-a | 18 b-j | 2.5 d-i |
| 23 25R57; SRW | 44 a | 6.9 a |
| 24 AC READYMADE; HRW | 3 ij | 0.9 hi |
| 25 HURON; SWW | 18 b-j | 2.5 d-i |
| 26 TW91203; SWW | 14 c-j | 2.4 d-i |
| 27 TW93211; SWW | 7 f-j | 1.6 d-i |
| 28 TW92405; SRW | 12 d-j | 0.8 i |
| 29 CDC CLAIR; HRW-a | 3 j | 1.1 hi |
| MEANS | 16 | 2.6 |

- + FUSARIUM HEAD BLIGHT INDEX = % SPIKELETS INFECTED x % HEADS INFECTED
 ++ PARTS PER MILLION BY TLC
 * MEANS FOLLOWED BY THE SAME LETTER DO NOT SIGNIFICANTLY DIFFER
 (P=.05, DUNCAN'S MRT)

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

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| 1997 TRIAL DETAILS..... | 77 |

LEGEND

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

WHEAT CLASS ABBREVIATIONS

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

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

LOCATIONS ABBREVIATIONS

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

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

DESCRIPTION OF VARIETIES/LINES TESTED

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

- Celtic;HRS-a: Agripro - Hyland Seeds, W.G.Thompson & Sons Ltd.
- 04/1993, 3758, Regional Registration for Nfld,PEI,NS,NB,ON,PQ.
- CDC Teal;HRS: CDC Saskatchewan - Hyland Seeds, W.G.Thompson & Sons Ltd.
- 05/1991, 3436, Full Registration for Canada.
- Pacific;HRS: BW90 - RL4302/RL4356//RL4359/RL4353 - Agriculture & Agri-Food Canada
Winnipeg, Manitoba - Univ.of Guelph/C&M Seeds - 11/1994, 4008,
Regional Registration for Nfld,PEI,NS,NB,ON.
- *Grandin;HRS-a: BW166, ND626 - Len//Butte*2/ND507/3/ND593
North Dakota State University - SeCan - 03/1995,I-130
Interim Regional Registration for Nfld,PEI,NS,NB,ON,PQ.
- *Quantum;HRS-a: CM93609 - line BWS-01/line WBF16-3-2 - Pflanzenzucht,
Oberlimpurg, GDR - C&M Seeds - 03/1996,I-194,Interim Regional
Registration for Nfld,PEI,NS,NB,ON,PQ.
- Roblin;HRS: BW92 - Cambell,Agriculture & Agri-Food Canada, Winnipeg,MB - SeCan
05/86, 2669, Full Registration for Canada
- AC Domain;HRS: BW148 - Townley-Smith,Agriculture & Agri-Food Canada, Winnipeg,MB
- SeCan - 12/93, Full Registration for Canada
- AC Barrie;HRS: BW661 - Depauw,Agriculture & Agri-Food Canada, Swift Current,SK
SeCan - 08/94 3980, Full Registration for Canada
- AC Walton;HRS: AW197 - H.Nass,Agriculture & Agri-Food Canada, Charlottetown,PEI
- SeCan - Interim Registration for Nfld,PEI,NS,NB,ON,PQ.
- AC Karma;PWS-a: HY395 - Depauw,Agriculture & Agri-Food Can.,Swift Current,SK
SeCan - 10/94 3991,Full Registration for Canada.
- AC Brio;HRS: QW547:31 - Columbus/S68147//Laval19/Columbus - Dubuc, Agriculture
& Agri-Food Canada, Ste.Foy, PQ - SeCan, Semences Prograin
Inc. - 12/96,4427 - Regional Registration for Nfld,PEI,NS,
NB,ON,PQ.
- McKenzie;HRS: SWP924:017: Columbus/Amidon (DH anther) - Saskatchewan Wheat
Pool - Hyland Seeds, W.G.Thompson & Sons Ltd. - 10/97, 4638,
Full Registration for Canada.
- CM:RL4719;HRS: BW121/Roblin - Agriculture & Agri-Food Can., Winnipeg, MB -
C&M Seeds - not registered.
- AC Taber;HRS-a: HY380 & L8474-02 - Depauw, Agriculture & Agri-Food Can., Swift
Current SK. - SeCan - 10/91, 3435, Full registration for Canada

* Not accepted by some wheat board agents and/or flour mills due to unique quality traits. Consult the OWPMB or the variety sponsor for further details.

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX
YEAR(S): 93-97

| KEY NAME | AREA II (15)* | AREA III (9) | AREA V (7) | PROV. (31)** |
|----------------|---------------|--------------|------------|--------------|
| 1 CELTIC;HRS | 99.5 | 96.9 | 99.0 | 98.7 |
| 2 CDC TEAL;HRS | 96.6 | 100.0 | 96.9 | 97.6 |
| 3 PACIFIC;HRS | 103.9 | 103.2 | 104.1 | 103.7 |
| OVERALL MEAN | 3.34 | 4.00 | 3.52 | 3.58 |

TRAIT : YIELD INDEX
YEAR(S): 95-97

| KEY NAME | AREA II (9)* | AREA III (6) | PROV. (15)** |
|-----------------|--------------|--------------|--------------|
| 1 CELTIC;HRS | 98.6 | 90.6 | 95.4 |
| 2 CDC TEAL;HRS | 93.9 | 98.3 | 95.7 |
| 3 PACIFIC;HRS | 102.9 | 100.6 | 102.0 |
| 4 GRANDIN;HRS-a | 104.6 | 110.5 | 107.0 |
| OVERALL MEAN | 3.59 | 4.14 | 3.81 |

TRAIT : YIELD INDEX
YEAR(S): 96-97

| KEY NAME | AREA II (6)* | AREA III (4) | PROV. (10)** |
|-------------------|--------------|--------------|--------------|
| 1 CELTIC;HRS | 100.1 | 85.6 | 94.3 |
| 2 CDC TEAL;HRS | 92.6 | 100.4 | 95.7 |
| 3 PACIFIC;HRS | 103.3 | 103.5 | 103.4 |
| 4 GRANDIN;HRS-a | 105.9 | 106.3 | 106.1 |
| 5 QUANTUM;HRS-a | 119.1 | 109.3 | 115.2 |
| 6 ROBLIN;HRS | 96.2 | 92.0 | 94.5 |
| 7 AC DOMAIN;HRS | 93.8 | 93.1 | 93.5 |
| 8 AC BARRIE;HRS | 96.3 | 97.9 | 97.0 |
| 9 AC WALTON;HRS | 98.8 | 113.1 | 104.5 |
| 10 AC KARMA;PWS-a | 92.4 | 88.9 | 91.0 |
| 11 AC BRIO;HRS | 101.6 | 109.9 | 104.9 |
| OVERALL MEAN | 3.70 | 4.08 | 3.85 |

TRAIT : YIELD INDEX
YEAR : 97

| KEY NAME | AREA II (3)* | AREA III (2) | PROV. (6)** |
|-------------------|--------------|--------------|-------------|
| 1 CELTIC;HRS | 104.3 | 91.5 | 101.3 |
| 2 CDC TEAL;HRS | 88.9 | 96.5 | 91.9 |
| 3 PACIFIC;HRS | 103.6 | 99.8 | 102.2 |
| 4 GRANDIN;HRS-a | 108.3 | 103.7 | 108.3 |
| 5 QUANTUM;HRS-a | 121.3 | 107.8 | 114.1 |
| 6 ROBLIN;HRS | 94.9 | 88.6 | 94.1 |
| 7 AC DOMAIN;HRS | 96.1 | 89.0 | 94.7 |
| 8 AC BARRIE;HRS | 99.1 | 102.9 | 97.7 |
| 9 AC WALTON;HRS | 114.3 | 119.0 | 108.7 |
| 10 AC KARMA;PWS-a | 86.6 | 91.5 | 90.0 |
| 11 AC BRIO;HRS | 100.1 | 107.1 | 102.4 |
| 12 MCKENZIE;HRS | 95.5 | 99.8 | 99.3 |
| 13 CM:RL4719;HRS | 101.3 | 101.5 | 101.7 |
| 14 AC TABER;HRS-a | 85.6 | 101.2 | 93.6 |
| OVERALL MEAN | 3.46 | 4.08 | 3.56 |

* # OF LOCATIONS
** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997
DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD INDEX
YEAR(S): 93-97
AREA(S): 2- 5

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

| KEY NAME | EA93N | O193N | NL93N | WP93N | HN93N | WP94N | EA94N | HN94N | KE94N | O194N |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 CELTIC;HRS | 80 | 105 | 92 | 102 | 106 | 100 | 105 | 106 | 102 | 107 |
| 2 CDC TEAL;HRS | 110 | 91 | 99 | 89 | 102 | 102 | 101 | 93 | 102 | 102 |
| 3 PACIFIC;HRS | 106 | 100 | 104 | 103 | 102 | 102 | 103 | 109 | 107 | 102 |
| 4 GRANDIN;HRS-a | 95 | 106 | 104 | 104 | 98 | . | . | . | . | . |
| 5 QUANTUM;HRS-a | . | . | . | . | . | . | . | . | . | . |
| 6 ROBLIN;HRS | 109 | 98 | 101 | 102 | 92 | 96 | 91 | 92 | 89 | 89 |
| 7 AC DOMAIN;HRS | . | . | . | . | . | . | . | . | . | . |
| 8 AC BARRIE;HRS | . | . | . | . | . | . | . | . | . | . |
| 9 AC WALTON;HRS | . | . | . | . | . | . | . | . | . | . |
| 10 AC KARMA;PWS-a | . | . | . | . | . | . | . | . | . | . |
| 11 AC BRIO;HRS | . | . | . | . | . | . | . | . | . | . |
| 12 McKENZIE;HRS | . | . | . | . | . | . | . | . | . | . |
| 13 CM:RL4719;HRS | . | . | . | . | . | . | . | . | . | . |
| 14 AC TABER;HRS-a | . | . | . | . | . | . | . | . | . | . |
| LOCATION MEAN | 3.16 | 4.94 | 4.95 | 2.47 | 3.82 | 2.28 | 3.40 | 2.98 | 3.35 | 3.59 |

| KEY NAME | NL94N | EO94N | WP95N | EA95N | HN95N | KE95N | O195N | NL95N | EO95N | EA96N | HN96N |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 CELTIC;HRS | 91 | 100 | 95 | 99 | 95 | 97 | 101 | 91 | 103 | 98 | 101 |
| 2 CDC TEAL;HRS | 100 | 100 | 97 | 99 | 96 | 89 | 94 | 96 | 93 | 98 | 103 |
| 3 PACIFIC;HRS | 99 | 116 | 105 | 101 | 103 | 95 | 90 | 105 | 97 | 104 | 109 |
| 4 GRANDIN;HRS-a | . | . | 103 | 101 | 105 | 119 | 115 | 107 | 106 | 100 | 108 |
| 5 QUANTUM;HRS-a | . | . | . | . | . | . | . | . | . | 115 | 121 |
| 6 ROBLIN;HRS | 111 | 84 | . | . | . | . | . | . | . | 95 | 109 |
| 7 AC DOMAIN;HRS | . | . | . | . | . | . | . | . | . | 88 | 97 |
| 8 AC BARRIE;HRS | . | . | . | . | . | . | . | . | . | 98 | 94 |
| 9 AC WALTON;HRS | . | . | . | . | . | . | . | . | . | 99 | 63 |
| 10 AC KARMA;PWS-a | . | . | . | . | . | . | . | . | . | 98 | 97 |
| 11 AC BRIO;HRS | . | . | . | . | . | . | . | . | . | 108 | 100 |
| 12 McKENZIE;HRS | . | . | . | . | . | . | . | . | . | . | . |
| 13 CM:RL4719;HRS | . | . | . | . | . | . | . | . | . | . | . |
| 14 AC TABER;HRS-a | . | . | . | . | . | . | . | . | . | . | . |
| LOCATION MEAN | 4.00 | 2.56 | 2.57 | 4.00 | 3.40 | 4.88 | 3.79 | 4.18 | 2.79 | 3.97 | 4.03 |

| KEY NAME | WP96N | O196N | KE96N | NL96N | WP97N | EA97N | HN97N | KE97N | O197N | NL97N |
|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 CELTIC;HRS | 94 | 85 | 74 | 96 | 113 | 98 | 101 | 91 | 92 | 112 |
| 2 CDC TEAL;HRS | 93 | 107 | 102 | 89 | 91 | 98 | 78 | 102 | 91 | 92 |
| 3 PACIFIC;HRS | 101 | 117 | 97 | 96 | 104 | 102 | 105 | 99 | 101 | 102 |
| 4 GRANDIN;HRS-a | 108 | 120 | 97 | . | 116 | 107 | 102 | 100 | 108 | 117 |
| 5 QUANTUM;HRS-a | 120 | 117 | 104 | 117 | 123 | 121 | 120 | 108 | 108 | 105 |
| 6 ROBLIN;HRS | 93 | 84 | 107 | . | 96 | 99 | 90 | 95 | 82 | 103 |
| 7 AC DOMAIN;HRS | 94 | 93 | 101 | . | 94 | 99 | 95 | 91 | 87 | 102 |
| 8 AC BARRIE;HRS | 94 | 88 | 97 | . | 92 | 100 | 105 | 101 | 104 | 83 |
| 9 AC WALTON;HRS | 93 | 80 | 134 | . | 113 | 102 | 128 | 125 | 113 | 71 |
| 10 AC KARMA;PWS | 104 | 99 | 73 | . | 78 | 96 | 86 | 88 | 95 | 97 |
| 11 AC BRIO;HRS | 106 | 112 | 113 | 103 | 108 | 94 | 98 | 113 | 102 | 100 |
| 12 McKENZIE;HRS | . | . | . | . | 90 | 96 | 100 | 93 | 107 | 110 |
| 13 CM:RL4719;HRS | . | . | . | . | 98 | 100 | 106 | 102 | 101 | 104 |
| 14 AC TABER;HRS-a | . | . | . | . | 81 | 89 | 86 | 92 | 110 | 102 |
| LOCATION MEAN | 3.66 | 4.30 | 3.86 | 3.82 | 3.33 | 3.86 | 3.21 | 4.98 | 3.18 | 2.80 |

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

TRAIT : YIELD
YEAR(S): 93-97

| KEY NAME | AREA II (15)* | AREA III (9) | AREA V (7) | PROV. (31)** |
|----------------|---------------|--------------|------------|--------------|
| 1 CELTIC;HRS | 3.33 | 3.88 | 3.46 | 3.52 |
| 2 CDC TEAL;HRS | 3.23 | 4.00 | 3.43 | 3.50 |
| 3 PACIFIC;HRS | 3.47 | 4.13 | 3.67 | 3.71 |
| OVERALL MEAN | 3.34 | 4.00 | 3.52 | 3.58 |

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX
YEAR(S): 93-97

| KEY NAME | AREA II (15)* | AREA III (9) | AREA V (7) | PROV. (31)** |
|----------------|---------------|--------------|------------|--------------|
| 1 CELTIC;HRS | 99.5 | 96.9 | 99.0 | 98.7 |
| 2 CDC TEAL;HRS | 96.6 | 100.0 | 96.9 | 97.6 |
| 3 PACIFIC;HRS | 103.9 | 103.2 | 104.1 | 103.7 |
| OVERALL MEAN | 3.34 | 4.00 | 3.52 | 3.58 |

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

YEAR(S): 93-97
AREA : 2

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|----------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 2 | 3.33 | 75.7 | 36 | 1.0 | 85 | 55 | 3.1 | .7 | 4.0 | 1.4 | 1.4 | . | . | .8 | 92 |
| 2 CDC TEAL;HRS | 3 | 3.23 | 74.2 | 34 | 1.5 | 93 | 55 | 2.0 | 1.3 | 4.4 | 1.9 | 2.0 | . | . | 2.3 | 90 |
| 3 PACIFIC;HRS | 1 | 3.47 | 75.6 | 34 | 3.1 | 103 | 56 | 1.5 | 1.1 | 3.8 | 1.9 | 1.9 | . | . | 1.5 | 91 |
| LOCATIONS | 15 | 16 | 16 | 6 | 15 | 15 | 13 | 6 | 11 | 2 | 5 | 0 | 0 | 3 | 3 | |

YIELD AVERAGES WERE BASED ON DATA FROM: 1993: WINTHROP, ELORA, HARRISTON.
1994: WINTHROP, ELORA, HARRISTON. 1995: WINTHROP, ELORA, HARRISTON.
1996: WINTHROP, ELORA, HARRISTON. 1997: WINTHROP, ELORA, HARRISTON.

YEAR(S): 93-97
AREA : 3

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|----------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 3 | 3.88 | 80.2 | 35 | .9 | 81 | 55 | 3.3 | . | . | . | . | . | . | . | . |
| 2 CDC TEAL;HRS | 2 | 4.00 | 80.6 | 34 | .7 | 92 | 55 | 2.0 | . | . | . | . | . | . | . | . |
| 3 PACIFIC;HRS | 1 | 4.13 | 82.1 | 35 | 3.5 | 101 | 55 | .6 | . | . | . | . | . | . | . | . |
| LOCATIONS | 9 | 9 | 9 | 4 | 7 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

YIELD AVERAGES WERE BASED ON DATA FROM: 1993: OTTAWA-1. 1994: KEMPTVILLE, OTTAWA-1.
1995: KEMPTVILLE, OTTAWA-1. 1996: KEMPTVILLE, OTTAWA-1. 1997: KEMPTVILLE, OTTAWA-1.

YEAR(S): 93-97
AREA : 5

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|----------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 2 | 3.46 | 73.6 | 31 | 1.0 | 82 | 52 | . | . | 6.3 | . | . | . | . | . | 101 |
| 2 CDC TEAL;HRS | 3 | 3.43 | 72.8 | 32 | 1.6 | 91 | 52 | . | . | 7.5 | . | . | . | . | . | 101 |
| 3 PACIFIC;HRS | 1 | 3.67 | 73.8 | 32 | 1.9 | 99 | 52 | . | . | 6.8 | . | . | . | . | . | 102 |
| LOCATIONS | 7 | 8 | 8 | 5 | 8 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |

YIELD AVERAGES WERE BASED ON DATA FROM: 1993: NEW LISKEARD. 1994: NEW LISKEARD, EMO.
1995: NEW LISKEARD, EMO. 1996: NEW LISKEARD 1997: NEW LISKEARD

YEAR(S): 93-97
AREA(S): 2- 5

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|----------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 2 | 3.52 | 76.4 | 35 | 1.0 | 83 | 54 | 3.1 | .7 | 4.2 | 1.4 | 1.4 | . | . | .8 | 97 |
| 2 CDC TEAL;HRS | 3 | 3.50 | 75.6 | 33 | 1.3 | 92 | 55 | 2.0 | 1.3 | 4.7 | 1.9 | 2.0 | . | . | 2.3 | 96 |
| 3 PACIFIC;HRS | 1 | 3.71 | 76.9 | 34 | 2.8 | 101 | 55 | 1.4 | 1.1 | 4.0 | 1.9 | 1.9 | . | . | 1.5 | 97 |
| LOCATIONS | 31 | 33 | 33 | 15 | 30 | 27 | 14 | 6 | 12 | 2 | 5 | 0 | 0 | 3 | 7 | |

YIELD AVERAGES WERE BASED ON DATA FROM:
1993: WINTHROP, ELORA, HARRISTON, OTTAWA-1, NEW LISKEARD.
1994: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1, NEW LISKEARD, EMO.
1995: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1, NEW LISKEARD, EMO.
1996: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1, NEW LISKEARD.
1997: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1, NEW LISKEARD.

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

TRAIT : YIELD
 YEAR(S): 95-97

| KEY NAME | AREA II (9)* | AREA III (6) | PROV. (15)** |
|-----------------|--------------|--------------|--------------|
| 1 CELTIC;HRS | 3.54 | 3.75 | 3.62 |
| 2 CDC TEAL;HRS | 3.38 | 4.07 | 3.66 |
| 3 PACIFIC;HRS | 3.69 | 4.16 | 3.88 |
| 4 GRANDIN;HRS-a | 3.75 | 4.58 | 4.08 |
| OVERALL MEAN | 3.59 | 4.14 | 3.81 |

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX
 YEAR(S): 95-97

| KEY NAME | AREA II (9)* | AREA III (6) | PROV. (15)** |
|-----------------|--------------|--------------|--------------|
| 1 CELTIC;HRS | 98.6 | 90.6 | 95.4 |
| 2 CDC TEAL;HRS | 93.9 | 98.3 | 95.7 |
| 3 PACIFIC;HRS | 102.9 | 100.6 | 102.0 |
| 4 GRANDIN;HRS-a | 104.6 | 110.5 | 107.0 |
| OVERALL MEAN | 3.59 | 4.14 | 3.81 |

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

YEAR(S): 95-97
 MGMT : NORMAL
 AREA : 2

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-----------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 3 | 3.54 | 76.4 | 37 | .5 | 82 | 54 | 3.4 | .8 | 4.3 | . | 1.4 | . | . | .0 | 92 |
| 2 CDC TEAL;HRS | 4 | 3.38 | 74.2 | 34 | 1.5 | 90 | 55 | 1.8 | .7 | 4.9 | . | 2.2 | . | . | 1.5 | 90 |
| 3 PACIFIC;HRS | 2 | 3.69 | 75.8 | 34 | 3.6 | 101 | 55 | 1.3 | .8 | 4.5 | . | 2.1 | . | . | .0 | 91 |
| 4 GRANDIN;HRS-a | 1 | 3.75 | 76.5 | 39 | 1.1 | 84 | 54 | 2.7 | .8 | 4.9 | . | 1.6 | . | . | 2.0 | 92 |
| LOCATIONS | | 9 | 10 | 10 | 3 | 9 | 9 | 8 | 5 | 6 | 0 | 4 | 0 | 0 | 1 | 3 |

YIELD AVERAGES WERE BASED ON DATA FROM:
 1995: WINTHROP, ELORA, HARRISTON.
 1996: WINTHROP, ELORA, HARRISTON.
 1997: WINTHROP, ELORA, HARRISTON.

YEAR(S): 95-97
 MGMT : NORMAL
 AREA : 3

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-----------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 4 | 3.75 | 80.9 | 37 | 1.8 | 80 | 55 | 3.3 | . | . | . | . | . | . | . | . |
| 2 CDC TEAL;HRS | 3 | 4.07 | 81.2 | 34 | 1.4 | 93 | 55 | 2.0 | . | . | . | . | . | . | . | . |
| 3 PACIFIC;HRS | 2 | 4.16 | 82.4 | 36 | 4.4 | 100 | 55 | .6 | . | . | . | . | . | . | . | . |
| 4 GRANDIN;HRS-a | 1 | 4.58 | 82.4 | 38 | .5 | 85 | 53 | 2.3 | . | . | . | . | . | . | . | . |
| LOCATIONS | | 6 | 6 | 6 | 2 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

YIELD AVERAGES WERE BASED ON DATA FROM:
 1995: KEMPTVILLE, OTTAWA-1.
 1996: KEMPTVILLE, OTTAWA-1.
 1997: KEMPTVILLE, OTTAWA-1.

YEAR(S): 95-97
 MGMT : NORMAL
 AREA(S): 2- 3

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-----------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 4 | 3.62 | 78.1 | 37 | 1.0 | 81 | 55 | 3.4 | .8 | 4.3 | . | 1.4 | . | . | .0 | 92 |
| 2 CDC TEAL;HRS | 3 | 3.66 | 76.9 | 34 | 1.5 | 91 | 55 | 1.8 | .7 | 4.9 | . | 2.2 | . | . | 1.5 | 90 |
| 3 PACIFIC;HRS | 2 | 3.88 | 78.3 | 35 | 3.9 | 101 | 55 | 1.2 | .8 | 4.5 | . | 2.1 | . | . | .0 | 91 |
| 4 GRANDIN;HRS-a | 1 | 4.08 | 78.7 | 39 | .9 | 84 | 53 | 2.7 | .8 | 4.9 | . | 1.6 | . | . | 2.0 | 92 |
| LOCATIONS | | 15 | 16 | 16 | 5 | 13 | 12 | 9 | 5 | 6 | 0 | 4 | 0 | 0 | 1 | 3 |

YIELD AVERAGES WERE BASED ON DATA FROM:
 1995: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.
 1996: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.
 1997: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

TRAIT : YIELD
YEAR(S): 96-97

| KEY NAME | AREA II (6)* | AREA III (4) | PROV. (10)** |
|-------------------|--------------|--------------|--------------|
| 1 CELTIC;HRS | 3.70 | 3.49 | 3.62 |
| 2 CDC TEAL;HRS | 3.45 | 4.12 | 3.72 |
| 3 PACIFIC;HRS | 3.83 | 4.23 | 3.99 |
| 4 GRANDIN;HRS-a | 3.92 | 4.33 | 4.08 |
| 5 QUANTUM;HRS-a | 4.41 | 4.46 | 4.43 |
| 6 ROBLIN;HRS | 3.58 | 3.77 | 3.65 |
| 7 AC DOMAIN;HRS | 3.47 | 3.80 | 3.60 |
| 8 AC BARRIE;HRS | 3.56 | 3.98 | 3.73 |
| 9 AC WALTON;HRS | 3.61 | 4.61 | 4.01 |
| 10 AC KARMA;PWS-a | 3.44 | 3.62 | 3.51 |
| 11 AC BRIO;HRS | 3.76 | 4.50 | 4.06 |
| OVERALL MEAN | 3.70 | 4.08 | 3.85 |

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX
YEAR(S): 96-97

| KEY NAME | AREA II (6)* | AREA III (4) | PROV. (10)** |
|-------------------|--------------|--------------|--------------|
| 1 CELTIC;HRS | 100.1 | 85.6 | 94.3 |
| 2 CDC TEAL;HRS | 92.6 | 100.4 | 95.7 |
| 3 PACIFIC;HRS | 103.3 | 103.5 | 103.4 |
| 4 GRANDIN;HRS-a | 105.9 | 106.3 | 106.1 |
| 5 QUANTUM;HRS-a | 119.1 | 109.3 | 115.2 |
| 6 ROBLIN;HRS | 96.2 | 92.0 | 94.5 |
| 7 AC DOMAIN;HRS | 93.8 | 93.1 | 93.5 |
| 8 AC BARRIE;HRS | 96.3 | 97.9 | 97.0 |
| 9 AC WALTON;HRS | 98.8 | 113.1 | 104.5 |
| 10 AC KARMA;PWS-a | 92.4 | 88.9 | 91.0 |
| 11 AC BRIO;HRS | 101.6 | 109.9 | 104.9 |
| OVERALL MEAN | 3.70 | 4.08 | 3.85 |

* # OF LOCATIONS
** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

YEAR(S): 96-97
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 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * | |
|-------------------|------------------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|---|
| 1 CELTIC;HRS | 5 3.70 | 77.1 | 39 | .3 | 84 | 55 | 3.1 | .8 | 4.7 | . | 1.0 | . | . | .0 | 94 | |
| 2 CDC TEAL;HRS | 10 3.45 | 74.9 | 36 | 1.0 | 91 | 55 | 1.3 | .7 | 5.5 | . | 1.7 | . | . | 1.5 | 92 | |
| 3 PACIFIC;HRS | 3 3.83 | 76.8 | 36 | 3.2 | 102 | 56 | 1.3 | .8 | 5.0 | . | 1.4 | . | . | .0 | 93 | |
| 4 GRANDIN;HRS-a | 2 3.92 | 77.5 | 42 | .5 | 86 | 54 | 2.6 | .8 | 5.4 | . | 1.0 | . | . | 2.0 | 94 | |
| 5 QUANTUM;HRS-a | 1 4.41 | 77.7 | 43 | .6 | 89 | 55 | .0 | 2.2 | 5.0 | . | .6 | . | . | .0 | 91 | |
| 6 ROBLIN;HRS | 7 3.58 | 74.6 | 37 | 1.6 | 93 | 52 | 3.3 | 1.1 | 6.2 | . | 1.4 | . | . | .0 | 91 | |
| 7 AC DOMAIN;HRS | 9 3.47 | 76.5 | 36 | 1.5 | 93 | 55 | 1.9 | .5 | 6.1 | . | .8 | . | . | 1.0 | 92 | |
| 8 AC BARRIE;HRS | 8 3.56 | 76.2 | 36 | .2 | 94 | 57 | 4.6 | 1.9 | 6.4 | . | .6 | . | . | .0 | 94 | |
| 9 AC WALTON;HRS | 6 3.61 | 72.5 | 35 | .4 | 99 | 59 | .2 | 3.6 | 5.5 | . | 1.1 | . | . | .0 | 97 | |
| 10 AC KARMA;PWS-a | 11 3.44 | 72.6 | 34 | .3 | 87 | 57 | 3.2 | 1.5 | 6.0 | . | 1.1 | . | . | 1.5 | 95 | |
| 11 AC BRIO;HRS | 4 3.76 | 75.5 | 39 | .5 | 98 | 57 | 4.3 | 1.2 | 6.4 | . | .7 | . | . | 1.0 | 95 | |
| LOCATIONS | | 6 | 6 | 6 | 2 | 6 | 6 | 5 | 5 | 4 | 0 | 3 | 0 | 0 | 1 | 2 |

YIELD AVERAGES WERE BASED ON DATA FROM:
1996: WINTHROP, ELORA, HARRISTON. 1997: WINTHROP, ELORA, HARRISTON.YEAR(S): 96-97
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 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * | |
|-------------------|------------------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|---|
| 1 CELTIC;HRS | 11 3.49 | 81.2 | 37 | 3.5 | 81 | 54 | 3.3 | . | . | . | . | . | . | . | . | |
| 2 CDC TEAL;HRS | 6 4.12 | 82.4 | 35 | 2.0 | 94 | 54 | 2.0 | . | . | . | . | . | . | . | . | |
| 3 PACIFIC;HRS | 5 4.23 | 83.5 | 37 | 4.3 | 101 | 54 | .6 | . | . | . | . | . | . | . | . | |
| 4 GRANDIN;HRS-a | 4 4.33 | 83.5 | 39 | 1.0 | 87 | 53 | 2.3 | . | . | . | . | . | . | . | . | |
| 5 QUANTUM;HRS-a | 3 4.46 | 83.8 | 43 | 1.0 | 85 | 53 | .5 | . | . | . | . | . | . | . | . | |
| 6 ROBLIN;HRS | 9 3.77 | 81.8 | 37 | 2.3 | 89 | 54 | 4.6 | . | . | . | . | . | . | . | . | |
| 7 AC DOMAIN;HRS | 8 3.80 | 82.9 | 35 | 2.3 | 91 | 52 | .9 | . | . | . | . | . | . | . | . | |
| 8 AC BARRIE;HRS | 7 3.98 | 82.1 | 37 | 5.0 | 94 | 55 | 4.4 | . | . | . | . | . | . | . | . | |
| 9 AC WALTON;HRS | 1 4.61 | 79.0 | 38 | 1.5 | 92 | 57 | .5 | . | . | . | . | . | . | . | . | |
| 10 AC KARMA;PWS-a | 10 3.62 | 80.1 | 34 | 2.8 | 84 | 54 | 2.3 | . | . | . | . | . | . | . | . | |
| 11 AC BRIO;HRS | 2 4.50 | 82.9 | 40 | 1.0 | 96 | 56 | 5.1 | . | . | . | . | . | . | . | . | |
| LOCATIONS | | 4 | 4 | 4 | 1 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

YIELD AVERAGES WERE BASED ON DATA FROM: 1996: KEMPTVILLE, OTTAWA-1.
1997: KEMPTVILLE, OTTAWA-1.YEAR(S): 96-97
AREA(S): 2- 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 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * | |
|-------------------|------------------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|---|
| 1 CELTIC;HRS | 9 3.62 | 78.7 | 38 | 1.3 | 83 | 55 | 3.1 | .8 | 4.7 | . | 1.0 | . | . | .0 | 94 | |
| 2 CDC TEAL;HRS | 7 3.72 | 77.9 | 36 | 1.3 | 92 | 55 | 1.4 | .7 | 5.5 | . | 1.7 | . | . | 1.5 | 92 | |
| 3 PACIFIC;HRS | 5 3.99 | 79.5 | 36 | 3.5 | 102 | 55 | 1.2 | .8 | 5.0 | . | 1.4 | . | . | .0 | 93 | |
| 4 GRANDIN;HRS-a | 2 4.08 | 79.9 | 41 | .7 | 86 | 53 | 2.5 | .8 | 5.4 | . | 1.0 | . | . | 2.0 | 94 | |
| 5 QUANTUM;HRS-a | 1 4.43 | 80.1 | 43 | .8 | 88 | 54 | .1 | 2.2 | 5.0 | . | .6 | . | . | .0 | 91 | |
| 6 ROBLIN;HRS | 8 3.65 | 77.5 | 37 | 1.9 | 92 | 52 | 3.5 | 1.1 | 6.2 | . | 1.4 | . | . | .0 | 91 | |
| 7 AC DOMAIN;HRS | 10 3.60 | 79.0 | 36 | 1.8 | 92 | 54 | 1.7 | .5 | 6.1 | . | .8 | . | . | 1.0 | 92 | |
| 8 AC BARRIE;HRS | 6 3.73 | 78.5 | 37 | 1.8 | 94 | 57 | 4.5 | 1.9 | 6.4 | . | .6 | . | . | .0 | 94 | |
| 9 AC WALTON;HRS | 4 4.01 | 75.1 | 36 | .8 | 97 | 59 | .3 | 3.6 | 5.5 | . | 1.1 | . | . | .0 | 97 | |
| 10 AC KARMA;PWS-a | 11 3.51 | 75.6 | 34 | 1.1 | 86 | 57 | 3.0 | 1.5 | 6.0 | . | 1.1 | . | . | 1.5 | 95 | |
| 11 AC BRIO;HRS | 3 4.06 | 78.4 | 39 | .7 | 97 | 57 | 4.4 | 1.2 | 6.4 | . | .7 | . | . | 1.0 | 95 | |
| LOCATIONS | | 10 | 10 | 10 | 3 | 9 | 8 | 6 | 5 | 4 | 0 | 3 | 0 | 0 | 1 | 2 |

YIELD AVERAGES WERE BASED ON DATA FROM:
1996: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.
1997: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.* DAYS FROM PLANTING
A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

TRAIT : YIELD
YEAR : 97

| KEY NAME | AREA II (3)* | AREA III (2) | AREA V (1) | PROV. (6)** |
|-------------------|--------------|--------------|------------|-------------|
| 1 CELTIC;HRS | 3.60 | 3.73 | 3.13 | 3.56 |
| 2 CDC TEAL;HRS | 3.10 | 3.99 | 2.57 | 3.31 |
| 3 PACIFIC;HRS | 3.59 | 4.07 | 2.87 | 3.63 |
| 4 GRANDIN;HRS-a | 3.75 | 4.19 | 3.29 | 3.82 |
| 5 QUANTUM;HRS-a | 4.20 | 4.40 | 2.94 | 4.06 |
| 6 ROBLIN;HRS | 3.30 | 3.67 | 2.88 | 3.35 |
| 7 AC DOMAIN;HRS | 3.34 | 3.65 | 2.85 | 3.36 |
| 8 AC BARRIE;HRS | 3.43 | 4.18 | 2.33 | 3.50 |
| 9 AC WALTON;HRS | 3.93 | 4.91 | 2.00 | 3.94 |
| 10 AC KARMA;PWS-a | 3.02 | 3.70 | 2.73 | 3.20 |
| 11 AC BRIO;HRS | 3.46 | 4.42 | 2.79 | 3.67 |
| 12 MCKENZIE;HRS | 3.31 | 4.01 | 3.07 | 3.50 |
| 13 CM:RL4719;HRS | 3.51 | 4.14 | 2.90 | 3.62 |
| 14 AC TABER;HRS-a | 2.97 | 4.05 | 2.86 | 3.31 |
| OVERALL MEAN | 3.46 | 4.08 | 2.80 | 3.56 |

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD INDEX
YEAR : 97

| KEY NAME | AREA II (3)* | AREA III (2) | AREA V (1) | PROV. (6)** |
|-------------------|--------------|--------------|------------|-------------|
| 1 CELTIC;HRS | 104.3 | 91.5 | 111.8 | 101.3 |
| 2 CDC TEAL;HRS | 88.9 | 96.5 | 91.8 | 91.9 |
| 3 PACIFIC;HRS | 103.6 | 99.8 | 102.5 | 102.2 |
| 4 GRANDIN;HRS-a | 108.3 | 103.7 | 117.5 | 108.3 |
| 5 QUANTUM;HRS-a | 121.3 | 107.8 | 105.0 | 114.1 |
| 6 ROBLIN;HRS | 94.9 | 88.6 | 102.8 | 94.1 |
| 7 AC DOMAIN;HRS | 96.1 | 89.0 | 101.8 | 94.7 |
| 8 AC BARRIE;HRS | 99.1 | 102.9 | 83.2 | 97.7 |
| 9 AC WALTON;HRS | 114.3 | 119.0 | 71.4 | 108.7 |
| 10 AC KARMA;PWS-a | 86.6 | 91.5 | 97.5 | 90.0 |
| 11 AC BRIO;HRS | 100.1 | 107.1 | 99.6 | 102.4 |
| 12 MCKENZIE;HRS | 95.5 | 99.8 | 109.6 | 99.3 |
| 13 CM:RL4719;HRS | 101.3 | 101.5 | 103.5 | 101.7 |
| 14 AC TABER;HRS-a | 85.6 | 101.2 | 102.1 | 93.6 |
| OVERALL MEAN | 3.46 | 4.08 | 2.80 | 3.56 |

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

YEAR : 97
AREA : 2

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-------------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 4 | 3.60 | 76.7 | 38 | . | 79 | 57 | 4.2 | 1.3 | 4.5 | . | . | . | . | .0 | . |
| 2 CDC TEAL;HRS | 12 | 3.10 | 74.0 | 34 | . | 83 | 57 | 1.0 | 1.1 | 7.0 | . | . | . | . | 1.5 | . |
| 3 PACIFIC;HRS | 5 | 3.59 | 76.2 | 34 | . | 92 | 58 | 1.0 | .8 | 6.0 | . | . | . | . | .0 | . |
| 4 GRANDIN;HRS-a | 3 | 3.75 | 76.7 | 41 | . | 81 | 55 | 2.8 | 1.1 | 5.5 | . | . | . | . | 2.0 | . |
| 5 QUANTUM;HRS-a | 1 | 4.20 | 76.8 | 41 | . | 83 | 56 | .0 | 2.8 | 6.0 | . | . | . | . | .0 | . |
| 6 ROBLIN;HRS | 11 | 3.30 | 73.7 | 35 | . | 83 | 54 | 2.9 | 1.3 | 7.0 | . | . | . | . | .0 | . |
| 7 AC DOMAIN;HRS | 9 | 3.34 | 76.4 | 36 | . | 87 | 56 | 1.6 | .9 | 6.0 | . | . | . | . | 1.0 | . |
| 8 AC BARRIE;HRS | 8 | 3.43 | 75.7 | 35 | . | 85 | 59 | 4.6 | 2.0 | 6.5 | . | . | . | . | .0 | . |
| 9 AC WALTON;HRS | 2 | 3.93 | 73.5 | 36 | . | 92 | 60 | .0 | 3.7 | 5.5 | . | . | . | . | .0 | . |
| 10 AC KARMA;PWS-a | 13 | 3.02 | 71.2 | 31 | . | 76 | 58 | 3.8 | 2.2 | 8.0 | . | . | . | . | 1.5 | . |
| 11 AC BRIO;HRS | 7 | 3.46 | 75.1 | 37 | . | 90 | 59 | 4.8 | 1.3 | 6.5 | . | . | . | . | 1.0 | . |
| 12 MCKENZIE;HRS | 10 | 3.31 | 75.9 | 34 | . | 87 | 56 | 5.0 | .8 | 6.5 | . | . | . | . | 1.5 | . |
| 13 CM:RL4719;HRS | 6 | 3.51 | 74.0 | 36 | . | 87 | 57 | 1.8 | .9 | 6.5 | . | . | . | . | .0 | . |
| 14 AC TABER;HRS-a | 14 | 2.97 | 72.1 | 32 | . | 77 | 60 | .0 | 1.4 | 7.5 | . | . | . | . | 2.0 | . |
| LOCATIONS | | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |

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

YEAR : 97
AREA : 3

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-------------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 11 | 3.73 | 80.8 | 39 | . | 61 | 54 | . | . | . | . | . | . | . | . | . |
| 2 CDC TEAL;HRS | 10 | 3.99 | 82.5 | 35 | . | 66 | 53 | . | . | . | . | . | . | . | . | . |
| 3 PACIFIC;HRS | 7 | 4.07 | 83.8 | 37 | . | 74 | 53 | . | . | . | . | . | . | . | . | . |
| 4 GRANDIN;HRS-a | 4 | 4.19 | 83.4 | 41 | . | 69 | 51 | . | . | . | . | . | . | . | . | . |
| 5 QUANTUM;HRS-a | 3 | 4.40 | 83.8 | 42 | . | 63 | 51 | . | . | . | . | . | . | . | . | . |
| 6 ROBLIN;HRS | 13 | 3.67 | 81.3 | 37 | . | 60 | 54 | . | . | . | . | . | . | . | . | . |
| 7 AC DOMAIN;HRS | 14 | 3.65 | 83.2 | 35 | . | 65 | 51 | . | . | . | . | . | . | . | . | . |
| 8 AC BARRIE;HRS | 5 | 4.18 | 81.3 | 39 | . | 68 | 55 | . | . | . | . | . | . | . | . | . |
| 9 AC WALTON;HRS | 1 | 4.91 | 79.6 | 41 | . | 68 | 57 | . | . | . | . | . | . | . | . | . |
| 10 AC KARMA;PWS-a | 12 | 3.70 | 81.6 | 38 | . | 63 | 53 | . | . | . | . | . | . | . | . | . |
| 11 AC BRIO;HRS | 2 | 4.42 | 82.2 | 41 | . | 70 | 57 | . | . | . | . | . | . | . | . | . |
| 12 MCKENZIE;HRS | 9 | 4.01 | 83.3 | 36 | . | 69 | 52 | . | . | . | . | . | . | . | . | . |
| 13 CM:RL4719;HRS | 6 | 4.14 | 81.1 | 37 | . | 68 | 52 | . | . | . | . | . | . | . | . | . |
| 14 AC TABER;HRS-a | 8 | 4.05 | 83.1 | 41 | . | 63 | 55 | . | . | . | . | . | . | . | . | . |
| LOCATIONS | | 2 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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

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

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

YEAR : 97
AREA : 5

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * | |
|-------------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|-----|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 2 | 3.13 | 72.3 | 25 | . | 77 | 45 | . | . | . | . | . | . | . | . | . | 102 |
| 2 CDC TEAL;HRS | 12 | 2.57 | 68.6 | 21 | . | 86 | 46 | . | . | . | . | . | . | . | . | . | 102 |
| 3 PACIFIC;HRS | 7 | 2.87 | 72.3 | 23 | . | 95 | 46 | . | . | . | . | . | . | . | . | . | 102 |
| 4 GRANDIN;HRS-a | 1 | 3.29 | 72.3 | 24 | . | 78 | 44 | . | . | . | . | . | . | . | . | . | 104 |
| 5 QUANTUM;HRS-a | 4 | 2.94 | 71.1 | 27 | . | 79 | 44 | . | . | . | . | . | . | . | . | . | 104 |
| 6 ROBLIN;HRS | 6 | 2.88 | 68.6 | 23 | . | 82 | 42 | . | . | . | . | . | . | . | . | . | 106 |
| 7 AC DOMAIN;HRS | 9 | 2.85 | 69.8 | 23 | . | 86 | 45 | . | . | . | . | . | . | . | . | . | 102 |
| 8 AC BARRIE;HRS | 13 | 2.33 | 72.3 | 24 | . | 87 | 47 | . | . | . | . | . | . | . | . | . | 102 |
| 9 AC WALTON;HRS | 14 | 2.00 | 69.8 | 24 | . | 88 | 48 | . | . | . | . | . | . | . | . | . | 106 |
| 10 AC KARMA;PWS-a | 11 | 2.73 | 73.6 | 26 | . | 86 | 56 | . | . | . | . | . | . | . | . | . | 109 |
| 11 AC BRIO;HRS | 10 | 2.79 | 71.1 | 26 | . | 92 | 47 | . | . | . | . | . | . | . | . | . | 102 |
| 12 MCKENZIE;HRS | 3 | 3.07 | 71.1 | 22 | . | 86 | 46 | . | . | . | . | . | . | . | . | . | 109 |
| 13 CM:RL4719;HRS | 5 | 2.90 | 68.6 | 22 | . | 91 | 46 | . | . | . | . | . | . | . | . | . | 109 |
| 14 AC TABER;HRS-a | 8 | 2.86 | 74.8 | 31 | . | 73 | 60 | . | . | . | . | . | . | . | . | . | 114 |
| LOCATIONS | | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

YIELD AVERAGES WERE BASED ON DATA FROM: NEW LISKEARD.

YEAR : 97
AREA(S): 2- 5

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * | |
|-------------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|-----|
| | RK | T/HA | | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 7 | 3.56 | 77.3 | 36 | . | 75 | 54 | 4.2 | 1.3 | 4.5 | . | . | . | . | . | . | 102 |
| 2 CDC TEAL;HRS | 12 | 3.31 | 75.9 | 32 | . | 80 | 54 | 1.0 | 1.1 | 7.0 | . | . | . | . | . | 1.5 | 102 |
| 3 PACIFIC;HRS | 5 | 3.63 | 78.0 | 33 | . | 89 | 54 | 1.0 | .8 | 6.0 | . | . | . | . | . | .0 | 102 |
| 4 GRANDIN;HRS-a | 3 | 3.82 | 78.2 | 38 | . | 78 | 52 | 2.8 | 1.1 | 5.5 | . | . | . | . | . | 2.0 | 104 |
| 5 QUANTUM;HRS-a | 1 | 4.06 | 78.2 | 39 | . | 78 | 53 | .0 | 2.8 | 6.0 | . | . | . | . | . | .0 | 104 |
| 6 ROBLIN;HRS | 11 | 3.35 | 75.4 | 33 | . | 78 | 51 | 2.9 | 1.3 | 7.0 | . | . | . | . | . | .0 | 106 |
| 7 AC DOMAIN;HRS | 10 | 3.36 | 77.6 | 34 | . | 82 | 53 | 1.6 | .9 | 6.0 | . | . | . | . | . | 1.0 | 102 |
| 8 AC BARRIE;HRS | 8 | 3.50 | 77.0 | 35 | . | 82 | 56 | 4.6 | 2.0 | 6.5 | . | . | . | . | . | .0 | 102 |
| 9 AC WALTON;HRS | 2 | 3.94 | 74.9 | 36 | . | 86 | 57 | .0 | 3.7 | 5.5 | . | . | . | . | . | .0 | 106 |
| 10 AC KARMA;PWS-a | 14 | 3.20 | 75.1 | 32 | . | 76 | 56 | 3.8 | 2.2 | 8.0 | . | . | . | . | . | 1.5 | 109 |
| 11 AC BRIO;HRS | 4 | 3.67 | 76.8 | 37 | . | 86 | 56 | 4.8 | 1.3 | 6.5 | . | . | . | . | . | 1.0 | 102 |
| 12 MCKENZIE;HRS | 8 | 3.50 | 77.6 | 33 | . | 83 | 53 | 5.0 | .8 | 6.5 | . | . | . | . | . | 1.5 | 109 |
| 13 CM:RL4719;HRS | 6 | 3.62 | 75.5 | 34 | . | 84 | 54 | 1.8 | .9 | 6.5 | . | . | . | . | . | .0 | 109 |
| 14 AC TABER;HRS-a | 12 | 3.31 | 76.2 | 35 | . | 73 | 59 | .0 | 1.4 | 7.5 | . | . | . | . | . | 2.0 | 114 |
| LOCATIONS | | 6 | 6 | 6 | 0 | 5 | 5 | 3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |

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

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

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

TRIAL DETAILS (GRAIN YIELD)

| AREA | LOCATION | MEAN (G M-2) | REPS | ERROR SS | ERROR DF | ERROR MS | C.V. % |
|------|--------------|-----------------|------|-------------|-------------|-------------|--------|
| 2 | WINTHROP | 333 | 4 | 30515 | 39 | 782 | 8.4% |
| 2 | ELORA | 386 | 4 | 8732 | 37 | 236 | 4.0% |
| 2 | HARRISTON | 321 | 4 | 26366 | 39 | 676 | 8.1% |
| 3 | KEMPTVILLE | 498 | 4 | 46049 | 39 | 1181 | 6.9% |
| 3 | OTTAWA | 318 | 4 | 11930 | 39 | 306 | 5.5% |
| 5 | NEW LISKEARD | 280 | 4 | 22091 | 39 | 566 | 8.5% |

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ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

LOCATION - WINTHROP
MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-------------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 3 | 3.78 | 76.6 | 41 | . | 76 | 62 | 3.0 | .0 | 4.5 | . | . | . | . | .0 | . |
| 2 CDC TEAL;HRS | 11 | 3.04 | 73.3 | 36 | . | 82 | 63 | .0 | .0 | 7.0 | . | . | . | . | 1.5 | . |
| 3 PACIFIC;HRS | 6 | 3.45 | 75.1 | 36 | . | 91 | 63 | .0 | .0 | 6.0 | . | . | . | . | .0 | . |
| 4 GRANDIN;HRS-a | 2 | 3.88 | 74.8 | 42 | . | 81 | 61 | 2.0 | .0 | 5.5 | . | . | . | . | 2.0 | . |
| 5 QUANTUM;HRS-a | 1 | 4.09 | 76.2 | 43 | . | 86 | 63 | .0 | 3.5 | 6.0 | . | . | . | . | .0 | . |
| 6 ROBLIN;HRS | 8 | 3.19 | 73.2 | 35 | . | 82 | 60 | 2.5 | .0 | 7.0 | . | . | . | . | .0 | . |
| 7 AC DOMAIN;HRS | 9 | 3.14 | 75.4 | 39 | . | 86 | 63 | .0 | .0 | 6.0 | . | . | . | . | 1.0 | . |
| 8 AC BARRIE;HRS | 10 | 3.07 | 75.0 | 36 | . | 82 | 66 | 4.0 | 1.0 | 6.5 | . | . | . | . | .0 | . |
| 9 AC WALTON;HRS | 3 | 3.78 | 73.0 | 36 | . | 90 | 64 | .0 | 3.5 | 5.5 | . | . | . | . | .0 | . |
| 10 AC KARMA;PWS-a | 14 | 2.60 | 70.0 | 33 | . | 70 | 63 | 3.0 | 1.0 | 8.0 | . | . | . | . | 1.5 | . |
| 11 AC BRIO;HRS | 5 | 3.61 | 74.7 | 40 | . | 89 | 64 | 3.5 | .0 | 6.5 | . | . | . | . | 1.0 | . |
| 12 MCKENZIE;HRS | 12 | 3.01 | 75.6 | 36 | . | 91 | 62 | 3.5 | .0 | 6.5 | . | . | . | . | 1.5 | . |
| 13 CM:RL4719;HRS | 7 | 3.28 | 73.0 | 38 | . | 88 | 62 | .0 | .0 | 6.5 | . | . | . | . | .0 | . |
| 14 AC TABER;HRS-a | 13 | 2.71 | 73.3 | 35 | . | 73 | 65 | .0 | .0 | 7.5 | . | . | . | . | 2.0 | . |
| MEANS | | 3.33 | 74.2 | 37 | . | 83 | 63 | 1.5 | .6 | 6.4 | . | . | . | . | .8 | . |

LOCATION - ELORA
MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-------------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 9 | 3.78 | 78.8 | 36 | . | 80 | 48 | 4.5 | 2.5 | . | . | . | . | . | . | . |
| 2 CDC TEAL;HRS | 10 | 3.77 | 77.5 | 33 | . | 86 | 47 | 3.0 | 2.3 | . | . | . | . | . | . | . |
| 3 PACIFIC;HRS | 3 | 3.94 | 78.8 | 33 | . | 94 | 49 | 2.0 | 1.5 | . | . | . | . | . | . | . |
| 4 GRANDIN;HRS-a | 2 | 4.12 | 78.8 | 36 | . | 81 | 46 | 3.0 | 2.3 | . | . | . | . | . | . | . |
| 5 QUANTUM;HRS-a | 1 | 4.66 | 80.0 | 39 | . | 81 | 46 | .0 | 2.0 | . | . | . | . | . | . | . |
| 6 ROBLIN;HRS | 8 | 3.82 | 75.0 | 30 | . | 85 | 45 | 3.3 | 2.5 | . | . | . | . | . | . | . |
| 7 AC DOMAIN;HRS | 7 | 3.83 | 78.8 | 33 | . | 89 | 48 | 3.3 | 1.8 | . | . | . | . | . | . | . |
| 8 AC BARRIE;HRS | 5 | 3.85 | 77.5 | 33 | . | 89 | 51 | 4.3 | 3.0 | . | . | . | . | . | . | . |
| 9 AC WALTON;HRS | 4 | 3.92 | 73.8 | 31 | . | 91 | 53 | .0 | 3.8 | . | . | . | . | . | . | . |
| 10 AC KARMA;PWS-a | 11 | 3.70 | 76.3 | 30 | . | 81 | 51 | 4.8 | 3.3 | . | . | . | . | . | . | . |
| 11 AC BRIO;HRS | 13 | 3.63 | 77.5 | 36 | . | 91 | 51 | 4.0 | 2.5 | . | . | . | . | . | . | . |
| 12 MCKENZIE;HRS | 12 | 3.69 | 78.8 | 33 | . | 86 | 47 | 4.0 | 1.5 | . | . | . | . | . | . | . |
| 13 CM:RL4719;HRS | 5 | 3.85 | 77.5 | 35 | . | 88 | 49 | 4.0 | 1.8 | . | . | . | . | . | . | . |
| 14 AC TABER;HRS-a | 14 | 3.44 | 72.5 | 29 | . | 79 | 53 | .0 | 2.8 | . | . | . | . | . | . | . |
| MEANS | | 3.86 | 77.2 | 33 | . | 86 | 49 | 2.9 | 2.4 | . | . | . | . | . | . | . |

LOCATION - HARRISTON
MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-------------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 7 | 3.25 | 74.6 | 38 | . | 81 | 60 | 5.0 | . | . | . | . | . | . | . | . |
| 2 CDC TEAL;HRS | 14 | 2.49 | 71.2 | 33 | . | 80 | 61 | .0 | . | . | . | . | . | . | . | . |
| 3 PACIFIC;HRS | 5 | 3.37 | 74.6 | 34 | . | 92 | 61 | 1.0 | . | . | . | . | . | . | . | . |
| 4 GRANDIN;HRS-a | 6 | 3.26 | 76.6 | 44 | . | 82 | 59 | 3.5 | . | . | . | . | . | . | . | . |
| 5 QUANTUM;HRS-a | 2 | 3.86 | 74.2 | 42 | . | 83 | 60 | .0 | . | . | . | . | . | . | . | . |
| 6 ROBLIN;HRS | 11 | 2.88 | 72.8 | 39 | . | 82 | 56 | 3.0 | . | . | . | . | . | . | . | . |
| 7 AC DOMAIN;HRS | 10 | 3.04 | 75.0 | 37 | . | 86 | 58 | 1.5 | . | . | . | . | . | . | . | . |
| 8 AC BARRIE;HRS | 4 | 3.38 | 74.6 | 36 | . | 85 | 61 | 5.5 | . | . | . | . | . | . | . | . |
| 9 AC WALTON;HRS | 1 | 4.10 | 73.6 | 40 | . | 95 | 63 | .0 | . | . | . | . | . | . | . | . |
| 10 AC KARMA;PWS-a | 13 | 2.75 | 67.2 | 30 | . | 78 | 59 | 3.5 | . | . | . | . | . | . | . | . |
| 11 AC BRIO;HRS | 9 | 3.14 | 73.2 | 36 | . | 90 | 62 | 7.0 | . | . | . | . | . | . | . | . |
| 12 MCKENZIE;HRS | 8 | 3.22 | 73.2 | 32 | . | 85 | 59 | 7.5 | . | . | . | . | . | . | . | . |
| 13 CM:RL4719;HRS | 3 | 3.39 | 71.6 | 35 | . | 85 | 60 | 1.5 | . | . | . | . | . | . | . | . |
| 14 AC TABER;HRS-a | 12 | 2.77 | 70.4 | 33 | . | 79 | 61 | .0 | . | . | . | . | . | . | . | . |
| MEANS | | 3.21 | 73.1 | 36 | . | 85 | 60 | 2.8 | . | . | . | . | . | . | . | . |

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

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

LOCATION - KEMPTVILLE
MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-------------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 13 | 4.51 | 78.6 | 38 | . | . | . | . | . | . | . | . | . | . | . | . |
| 2 CDC TEAL;HRS | 4 | 5.10 | 83.9 | 36 | . | . | . | . | . | . | . | . | . | . | . | . |
| 3 PACIFIC;HRS | 8 | 4.93 | 85.1 | 39 | . | . | . | . | . | . | . | . | . | . | . | . |
| 4 GRANDIN;HRS-a | 7 | 4.97 | 83.5 | 42 | . | . | . | . | . | . | . | . | . | . | . | . |
| 5 QUANTUM;HRS-a | 3 | 5.38 | 84.1 | 42 | . | . | . | . | . | . | . | . | . | . | . | . |
| 6 ROBLIN;HRS | 9 | 4.75 | 82.5 | 39 | . | . | . | . | . | . | . | . | . | . | . | . |
| 7 AC DOMAIN;HRS | 12 | 4.54 | 84.6 | 36 | . | . | . | . | . | . | . | . | . | . | . | . |
| 8 AC BARRIE;HRS | 6 | 5.05 | 80.3 | 42 | . | . | . | . | . | . | . | . | . | . | . | . |
| 9 AC WALTON;HRS | 1 | 6.23 | 80.0 | 44 | . | . | . | . | . | . | . | . | . | . | . | . |
| 10 AC KARMA;PWS-a | 14 | 4.40 | 80.6 | 39 | . | . | . | . | . | . | . | . | . | . | . | . |
| 11 AC BRIO;HRS | 2 | 5.61 | 82.6 | 44 | . | . | . | . | . | . | . | . | . | . | . | . |
| 12 MCKENZIE;HRS | 10 | 4.61 | 83.7 | 39 | . | . | . | . | . | . | . | . | . | . | . | . |
| 13 CM:RL4719;HRS | 5 | 5.06 | 81.6 | 40 | . | . | . | . | . | . | . | . | . | . | . | . |
| 14 AC TABER;HRS-a | 11 | 4.58 | 82.9 | 40 | . | . | . | . | . | . | . | . | . | . | . | . |
| MEANS | | 4.98 | 82.4 | 40 | . | . | . | . | . | . | . | . | . | . | . | . |

LOCATION - OTTAWA-1
MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-------------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 11 | 2.94 | 82.9 | 39 | . | 61 | 54 | . | . | . | . | . | . | . | . | . |
| 2 CDC TEAL;HRS | 12 | 2.88 | 81.1 | 33 | . | 66 | 53 | . | . | . | . | . | . | . | . | . |
| 3 PACIFIC;HRS | 9 | 3.20 | 82.4 | 34 | . | 74 | 53 | . | . | . | . | . | . | . | . | . |
| 4 GRANDIN;HRS-a | 3 | 3.42 | 83.4 | 39 | . | 69 | 51 | . | . | . | . | . | . | . | . | . |
| 5 QUANTUM;HRS-a | 3 | 3.42 | 83.6 | 41 | . | 63 | 51 | . | . | . | . | . | . | . | . | . |
| 6 ROBLIN;HRS | 14 | 2.60 | 80.2 | 34 | . | 60 | 54 | . | . | . | . | . | . | . | . | . |
| 7 AC DOMAIN;HRS | 13 | 2.76 | 81.8 | 34 | . | 65 | 51 | . | . | . | . | . | . | . | . | . |
| 8 AC BARRIE;HRS | 6 | 3.32 | 82.2 | 36 | . | 68 | 55 | . | . | . | . | . | . | . | . | . |
| 9 AC WALTON;HRS | 1 | 3.59 | 79.1 | 38 | . | 68 | 57 | . | . | . | . | . | . | . | . | . |
| 10 AC KARMA;PWS-a | 10 | 3.01 | 82.6 | 36 | . | 63 | 53 | . | . | . | . | . | . | . | . | . |
| 11 AC BRIO;HRS | 7 | 3.23 | 81.8 | 37 | . | 70 | 57 | . | . | . | . | . | . | . | . | . |
| 12 MCKENZIE;HRS | 5 | 3.40 | 83.0 | 33 | . | 69 | 52 | . | . | . | . | . | . | . | . | . |
| 13 CM:RL4719;HRS | 8 | 3.22 | 80.6 | 34 | . | 68 | 52 | . | . | . | . | . | . | . | . | . |
| 14 AC TABER;HRS-a | 2 | 3.51 | 83.3 | 41 | . | 63 | 55 | . | . | . | . | . | . | . | . | . |
| MEANS | | 3.18 | 82.0 | 36 | . | 66 | 53 | . | . | . | . | . | . | . | . | . |

LOCATION - NEW LISKEARD
MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-------------------|-------|------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| | RK | T/HA | | | | | | | | | | | | | | |
| 1 CELTIC;HRS | 2 | 3.13 | 72.3 | 25 | . | 77 | 45 | . | . | . | . | . | . | . | . | 102 |
| 2 CDC TEAL;HRS | 12 | 2.57 | 68.6 | 21 | . | 86 | 46 | . | . | . | . | . | . | . | . | 102 |
| 3 PACIFIC;HRS | 7 | 2.87 | 72.3 | 23 | . | 95 | 46 | . | . | . | . | . | . | . | . | 102 |
| 4 GRANDIN;HRS-a | 1 | 3.29 | 72.3 | 24 | . | 78 | 44 | . | . | . | . | . | . | . | . | 104 |
| 5 QUANTUM;HRS-a | 4 | 2.94 | 71.1 | 27 | . | 79 | 44 | . | . | . | . | . | . | . | . | 104 |
| 6 ROBLIN;HRS | 6 | 2.88 | 68.6 | 23 | . | 82 | 42 | . | . | . | . | . | . | . | . | 106 |
| 7 AC DOMAIN;HRS | 9 | 2.85 | 69.8 | 23 | . | 86 | 45 | . | . | . | . | . | . | . | . | 102 |
| 8 AC BARRIE;HRS | 13 | 2.33 | 72.3 | 24 | . | 87 | 47 | . | . | . | . | . | . | . | . | 102 |
| 9 AC WALTON;HRS | 14 | 2.00 | 69.8 | 24 | . | 88 | 48 | . | . | . | . | . | . | . | . | 106 |
| 10 AC KARMA;PWS-a | 11 | 2.73 | 73.6 | 26 | . | 86 | 56 | . | . | . | . | . | . | . | . | 109 |
| 11 AC BRIO;HRS | 10 | 2.79 | 71.1 | 26 | . | 92 | 47 | . | . | . | . | . | . | . | . | 102 |
| 12 MCKENZIE;HRS | 3 | 3.07 | 71.1 | 22 | . | 86 | 46 | . | . | . | . | . | . | . | . | 109 |
| 13 CM:RL4719;HRS | 5 | 2.90 | 68.6 | 22 | . | 91 | 46 | . | . | . | . | . | . | . | . | 109 |
| 14 AC TABER;HRS-a | 8 | 2.86 | 74.8 | 31 | . | 73 | 60 | . | . | . | . | . | . | . | . | 114 |
| MEANS | | 2.80 | 71.2 | 24 | . | 85 | 47 | . | . | . | . | . | . | . | . | 105 |

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO PERFORMANCE TRIALS; SPRING WHEAT 1997

LOCATION - EMO **
 MANAGEMENT - NORMAL

| KEY NAME | YIELD RK T/HA | TSTW K/HL | KW MG | LOG 0-9 | HGT CM | HDT * | MIL 0-9 | LRS 0-9 | SEP 0-9 | GLB 0-9 | HBL 0-9 | SSM 0-9 | BYD 0-9 | SRS 0-9 | MDT * |
|-------------------|------------------|--------------|----------|------------|-----------|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|
| 1 CELTIC;HRS | . | 73.6 | 34 | 0 | 84 | 50 | . | . | 3 | . | . | . | . | . | 90 |
| 2 CDC TEAL;HRS | . | 71.1 | 32 | 0 | 89 | 52 | . | . | 3 | . | . | . | . | . | 92 |
| 3 PACIFIC;HRS | . | 73.6 | 31 | 1 | 103 | 52 | . | . | 3 | . | . | . | . | . | 92 |
| 4 GRANDIN;HRS-a | . | 72.3 | 37 | 0 | 86 | 50 | . | . | 2 | . | . | . | . | . | 90 |
| 5 QUANTUM;HRS-a | . | 73.6 | 40 | 0 | 82 | 52 | . | . | 3 | . | . | . | . | . | 92 |
| 6 ROBLIN;HRS | . | 68.6 | 33 | 0 | 85 | 50 | . | . | 3 | . | . | . | . | . | 90 |
| 7 AC DOMAIN;HRS | . | 72.3 | 32 | 0 | 97 | 50 | . | . | 3 | . | . | . | . | . | 90 |
| 8 AC BARRIE;HRS | . | 73.6 | 37 | 0 | 99 | 52 | . | . | 3 | . | . | . | . | . | 92 |
| 9 AC WALTON;HRS | . | 72.3 | 37 | 0 | 98 | 52 | . | . | 3 | . | . | . | . | . | 92 |
| 10 AC KARMA;PWS-a | . | 72.3 | 35 | 0 | 85 | 52 | . | . | 3 | . | . | . | . | . | 92 |
| 11 AC BRIO;HRS | . | 72.3 | 39 | 0 | 99 | 52 | . | . | 3 | . | . | . | . | . | 92 |
| 12 MCKENZIE;HRS | . | 73.6 | 33 | 0 | 90 | 50 | . | . | 3 | . | . | . | . | . | 90 |
| 13 CM:RL4719;HRS | . | 71.1 | 37 | 0 | 95 | 52 | . | . | 3 | . | . | . | . | . | 92 |
| 14 AC TABER;HRS-a | . | 72.3 | 37 | 0 | 82 | 52 | . | . | 2 | . | . | . | . | . | 92 |
| MEANS | . | 72.3 | 35 | 0 | 91 | 51 | . | . | 3 | . | . | . | . | . | 91 |

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

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

QUEBEC-MARITIME REGISTRATION-RECOMMENDATION TRIALS;SPRING RED WHEAT 1997

LOCATION - ELORA
MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW | KW | LOG | HGT | HDT | MIL | LRS | SEP | GLB | HBL | SSM | BYD | SRS | MDT |
|---------------|-------|------|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | RK | T/HA | K/HL | MG | 0-9 | CM | * | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | * |
| 1 KATEPWA | 3 | 3.33 | 75.0 | 29 | . | 91 | 52 | 3.8 | 2.5 | . | . | . | . | . | . | . |
| 2 AC VOYAGEUR | 7 | 3.03 | 72.5 | 30 | . | 94 | 54 | 3.5 | 2.8 | . | . | . | . | . | . | . |
| 3 SS BLOMIDON | 10 | 2.52 | 63.8 | 23 | . | 84 | 55 | .0 | 2.0 | . | . | . | . | . | . | . |
| 4 AC BRIO | 6 | 3.10 | 76.3 | 32 | . | 93 | 52 | 2.8 | 3.0 | . | . | . | . | . | . | . |
| 5 AC WALTON | 5 | 3.13 | 71.3 | 30 | . | 93 | 55 | .0 | 3.5 | . | . | . | . | . | . | . |
| 6 BS13:561:14 | 8 | 2.88 | 63.1 | 24 | . | 86 | 46 | .0 | 6.5 | . | . | . | . | . | . | . |
| 7 PB9535 | 2 | 3.50 | 76.3 | 30 | . | 89 | 45 | 4.0 | 3.0 | . | . | . | . | . | . | . |
| 8 QW582:5 | 4 | 3.28 | 75.0 | 35 | . | 90 | 48 | 3.8 | 3.3 | . | . | . | . | . | . | . |
| 9 BS13:586.2 | 8 | 2.88 | 67.5 | 24 | . | 86 | 46 | .0 | 3.8 | . | . | . | . | . | . | . |
| 10 CFB:92615 | 11 | 2.27 | 62.5 | 18 | . | 83 | 53 | .0 | 5.8 | . | . | . | . | . | . | . |
| 11 QUANTUM | 1 | 4.15 | 78.8 | 37 | . | 85 | 47 | .0 | 2.5 | . | . | . | . | . | . | . |
| MEANS | | 3.10 | 71.1 | 28 | . | 88 | 50 | 1.6 | 3.5 | . | . | . | . | . | . | . |

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ANALYSIS OF VARIANCE INFORMATION

| TRAIT | MEAN | RDF | VDF | EDF | REPMS | VARMS | ERRMS | REPF | VARF | C.V. |
|-------|------|-----|-----|-----|-------|-------|-------|------|------|------|
| YIELD | 310 | 3 | 10 | 30 | 3869 | 9834 | 353 | 11.0 | 27.8 | 6.1% |

WESTERN DURUM REGISTRATION TRIALS 1997

LOCATION - ELORA
MANAGEMENT - NORMAL

| KEY NAME | YIELD | | TSTW | KW | LOG | HGT | HDT | MIL | LRS | SEP | GLB | HBL | SSM | BYD | SRS | MDT |
|------------|-------|------|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | RK | T/HA | K/HL | MG | 0-9 | CM | * | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | 0-9 | * |
| 1 HERCULES | 2 | 3.61 | 7.8 | 38 | . | 99 | 51 | 4.3 | . | . | . | . | . | . | . | . |
| 2 KYLE | 7 | 3.18 | 7.5 | 31 | . | 98 | 54 | 5.8 | . | . | . | . | . | . | . | . |
| 3 AC MORSE | 1 | 3.68 | 7.4 | 33 | . | 84 | 51 | 5.8 | . | . | . | . | . | . | . | . |
| 4 DT661 | 8 | 3.13 | 7.4 | 31 | . | 89 | 52 | 6.3 | . | . | . | . | . | . | . | . |
| 5 DT492 | 3 | 3.54 | 7.5 | 34 | . | 94 | 54 | 5.8 | . | . | . | . | . | . | . | . |
| 6 DT494 | 5 | 3.43 | 7.5 | 34 | . | 95 | 54 | 6.0 | . | . | . | . | . | . | . | . |
| 7 DT671 | 4 | 3.52 | 7.8 | 35 | . | 89 | 49 | 6.3 | . | . | . | . | . | . | . | . |
| 8 DT673 | 6 | 3.26 | 7.8 | 36 | . | 80 | 50 | 5.5 | . | . | . | . | . | . | . | . |
| 9 DT675 | 9 | 2.93 | 7.5 | 29 | . | 80 | 48 | 6.3 | . | . | . | . | . | . | . | . |
| MEANS | | 3.37 | 7.6 | 33 | . | 90 | 51 | 5.8 | . | . | . | . | . | . | . | . |

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ANALYSIS OF VARIANCE INFORMATION

| TRAIT | MEAN | RDF | VDF | EDF | REPMS | VARMS | ERRMS | REPF | VARF | C.V. |
|-------|------|-----|-----|-----|-------|-------|-------|------|------|------|
| YIELD | 337 | 3 | 8 | 24 | 1065 | 2544 | 317 | 3.4 | 8.0 | 5.3% |

CO-OPERATORS AND LOCATIONS OF PERFORMANCE TRIALS, 1997

| Testing Area | County or District | Co-operators | Crops | | | |
|--------------|--------------------|---|--------|------|--------------|--------------|
| | | | Barley | Oats | Winter Wheat | Spring Wheat |
| I | Kent I | RN = Ridgeway C.A.T., Ridgeway, Ont. | | | X | |
| | Lambton | ID = David MacKellar, R.R. #7, Alvinston (Ridgeway College.) | | | X | |
| | Essex | WE = Woodslee Research Centre, Agriculture & Agri-Food Canada | | | X | |
| II & IV | Oxford | WK = Crop Science Department, OAC, Woodstock, Ont. | X | X | X | |
| | Huron I | WP = W.G. Thompson and Sons Ltd., Winthrop, Ontario | X | X | | X |
| | Huron II | Centralia, Ontario (Ridgeway College) | X | X | | |
| | Wellington I | EA = Crop Science Department, OAC, Elora, Ont. | X | X | | X |
| | Wellington | HN = C & M Seeds Inc., Palmerston, Ontario | | | X | X |
| | Middlesex I | NN = W.G. Thompson & Sons Ltd., Nairn, Ont. | | | X | |
| III | Grenville | KE = Kemptville College, Kemptville, Ont. | X | X | X** | X |
| | Carleton I | 01 = Agriculture & Agri-Food Canada, P.R.C., Ottawa, Ont. | X* | X | X* | X |
| V & VI | Temiskaming | NL = New Liskeard Agricultural Research Station, New Liskeard, Ont. | X | X* | | X |
| | Thunder Bay | Thunder Bay Agricultural Research Station, Thunder Bay, Ontario | X | X | | |
| | Nipissing District | Verner Test Site, Verner, Ont. (New Liskeard Agr. Res. Sta.) | X** | X | | |
| | Rainy River | EO = Emo Agricultural Research Station, Emo, Ontario | X*** | X*** | | X*** |
| | Cochrane | Agriculture & Agri-Food Canada, Exp. Farm, Kapuskasing, Ont. | X** | X** | | |

* Yield data unreliable, not included in the report

** Data for information ONLY

*** All data unreliable, not included in the report

