

Department of Crop Science

119-01-94 $\frac{110}{34}$

1994 PROGRESS REPORT

OATS, BARLEY, SPRING WHEAT
WINTER WHEAT, WINTER BARLEY

ONTARIO RECOMMENDATION TESTS



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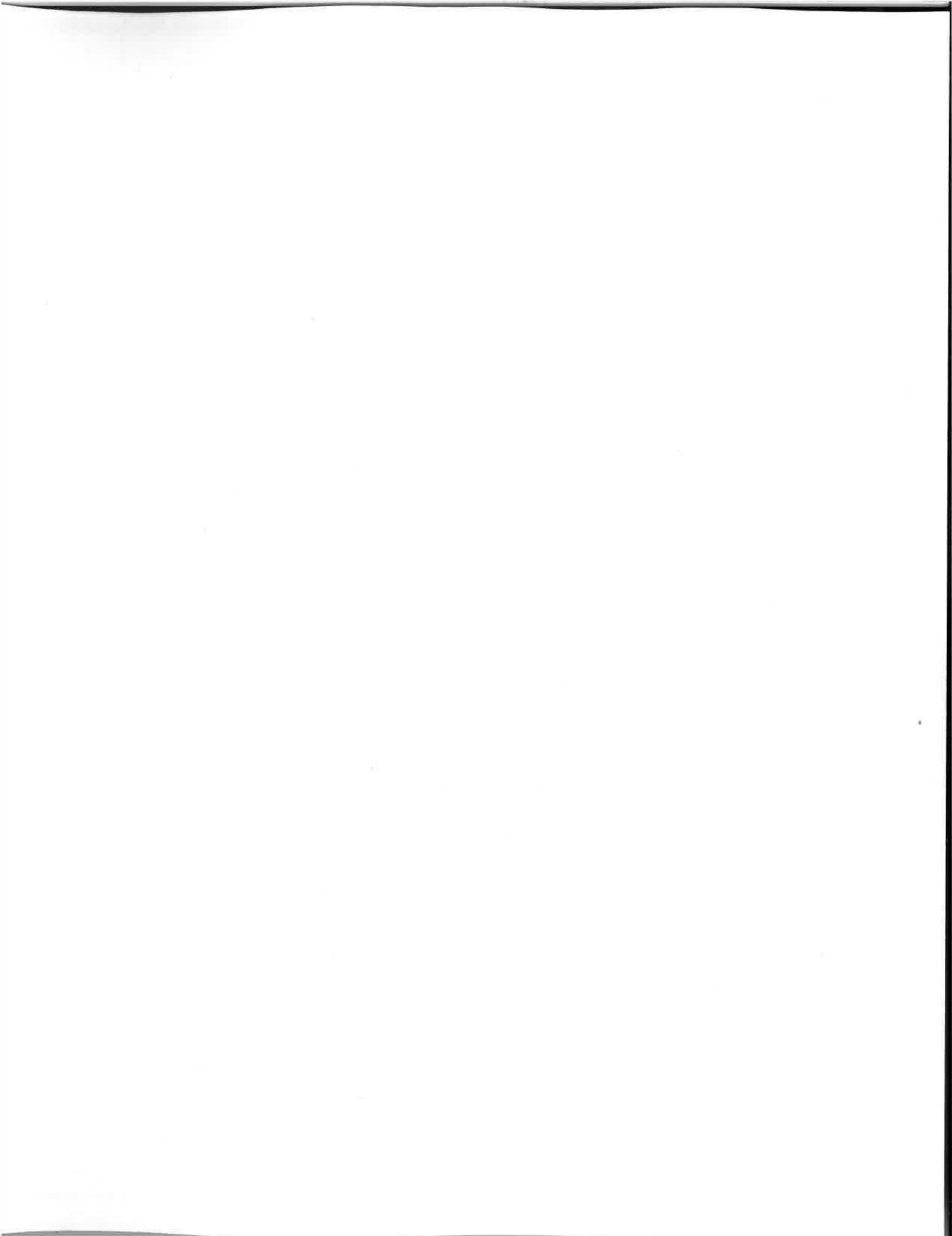


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The Recommendation Trials reported in this book are coordinated by Dr. L.A. Hunt and Dr. D.E. Falk, Crop Science Department, OAC, University of Guelph under the mandate of the OMAFRA Cereals Project (Program 20). Glen Meatherall, and Zorka Szlavnic conduct the data analysis, prepare and distribute the Progress Reports which are the basis for recommendations in OMAFRA Publication 296.



INTRODUCTION

In 1994, Recommendation Tests of spring barley, oats, wheat, winter wheat and winter barley 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., and SeCan.

SPRING CEREALS

Reliable test data were obtained from 13 machine planted and harvested locations for spring barley, and 10 for oats across the province in 1994. The yields in 1994 were lower than the 1993 yields with currently recommended varieties of barley averaging 4.09 t/ha and currently recommended varieties of oats averaging 4.18 t/ha across the test locations. Area V had the highest average yields for barley and for oats. Area II had the lowest barley and oat yields.

Spring Barley. Across the province, Morrison was the highest yielding two-rowed barley at 3.92 t/ha, followed closely by its sisterline Symko (3.91 t/ha) and Lester (3.86 t/ha) and AC Sterling (3.86 t/ha). In the four year average (1991-1994), Lester (4.58 t/ha) was slightly ahead of Morrison (4.51 t/ha) and Symko (4.50 t/ha). In general, the two-rowed varieties were lower yielding than the six-rowed varieties. The highest yielding six-rowed variety across the province was TBC57-40 at 4.60 t/ha, followed by Chapais (4.46 t/ha), AC Stephen (4.43 t/ha), Myriam (4.41 t/ha), AC Hamilton (4.38 t/ha) and AC Nadia (4.25 t/ha). The highest average yields were obtained in Areas VI (4.77 t/ha) and Area IV (4.66 t/ha). In the four year average, Chapais is the highest yielding variety at 5.00 t/ha with AC Stephen (4.84 t/ha) and AC Nadia (4.72 t/ha) following. There was very little disease on spring barley in 1994, despite the high moisture levels early in the season. The cool, wet spring delayed planting and many crops had early nitrogen deficiencies which may have set them back and reduced yields somewhat. Harvest conditions were generally good with good quality grain being harvested.

Oats. The highest yielding oat variety in 1994 was AC Rigodon at 4.62 t/ha, followed by AC Hunter (4.44 t/ha). The hullless oat AC Baton (2.76 t/ha) slightly outyielded AC Lotta (2.73 t/ha). Disease pressure due to crown rust was moderate in most areas with some severe rust developing late in the season. Rust was detected on Robert for the first time in several locations. In the four year average, AC Rigodon at 4.60 t/ha was ahead of Robert (4.45 t/ha) and Ultima (4.44 t/ha). The quality of the harvested grain was generally good.

Spring Red and White Wheat. Yield data were obtained from 7 locations in 1994, 3 from Area II, 2 from Area III and V respectively. The overall average yield was 3.16 t/ha for the province. BW90, a hard red spring wheat developed at Agriculture Canada in Winnipeg ranked first with a yield of 3.32 t/ha with QW522.3 a close second at 3.30 t/ha. BW90 also had the highest test weight and kernel weight as well as the lowest score for mildew among the registered varieties. Celtic had the lowest septoria scores and AC Reed, a white spring wheat, had the lowest glume blotch score.

Spring Durum Wheat. Medora, the only registered durum wheat grown in the Recommendation Trial, had an average yield of 3.10 t/ha for the province. Medora had the highest thousand kernel weight amongst the spring wheats.

WINTER CEREALS

Winter Barley. No sites were accepted in Area I in 1994, so data are only reported for Area II. OAC Elmira and OAC Acton had similar yields across three sites. OAC Acton has been de-registered in 1994 and is no longer available. Winter survival was generally good in areas that had good snow cover, despite the severe cold over winter. The long term average (1985-1994) over ten years has OAC Elmira (4.71 t/ha) outyielding all other varieties in both Area I and area II.

Fall Pastry Wheat. There were a total of 11 sites reporting yield in 1994, 3 from Area I, 6 from Area II, and 2 from Area III. The average yield of the Recommendation Trial was 5.57 t/ha. Rebecca had the highest yield in Area I and II, and Marilee was the top yielder in Area III and in the overall Provincial average. H223.24.3 had the highest test weight, Zavitz had the highest thousand kernel weight as well as the lowest leaf rust rating, and tied Harus with the best score for head blight. Delaware had the best resistance to mildew, H223.24.3 and had the lowest septoria score, and Rebecca had the lowest glume blotch rating.

Fall Red Wheat. Yield data were obtained from the same sites as the pastry wheat test. Ruby had the highest yield in Areas I and II as well as the lowest scores for glume blotch. Fundulea had the highest yield in Area I and in the Provincial average as well as the highest test weight. Ruby had the best score for septoria and glume blotch and Fundulea had the lowest incidence of mildew, leaf rust, and head blight.

GROWING CONDITIONS

The autumn of 1993 was nearly normal in most districts. Although the winter was quite cold, snow cover was good, resulting in good winter survival of crops in all locations.

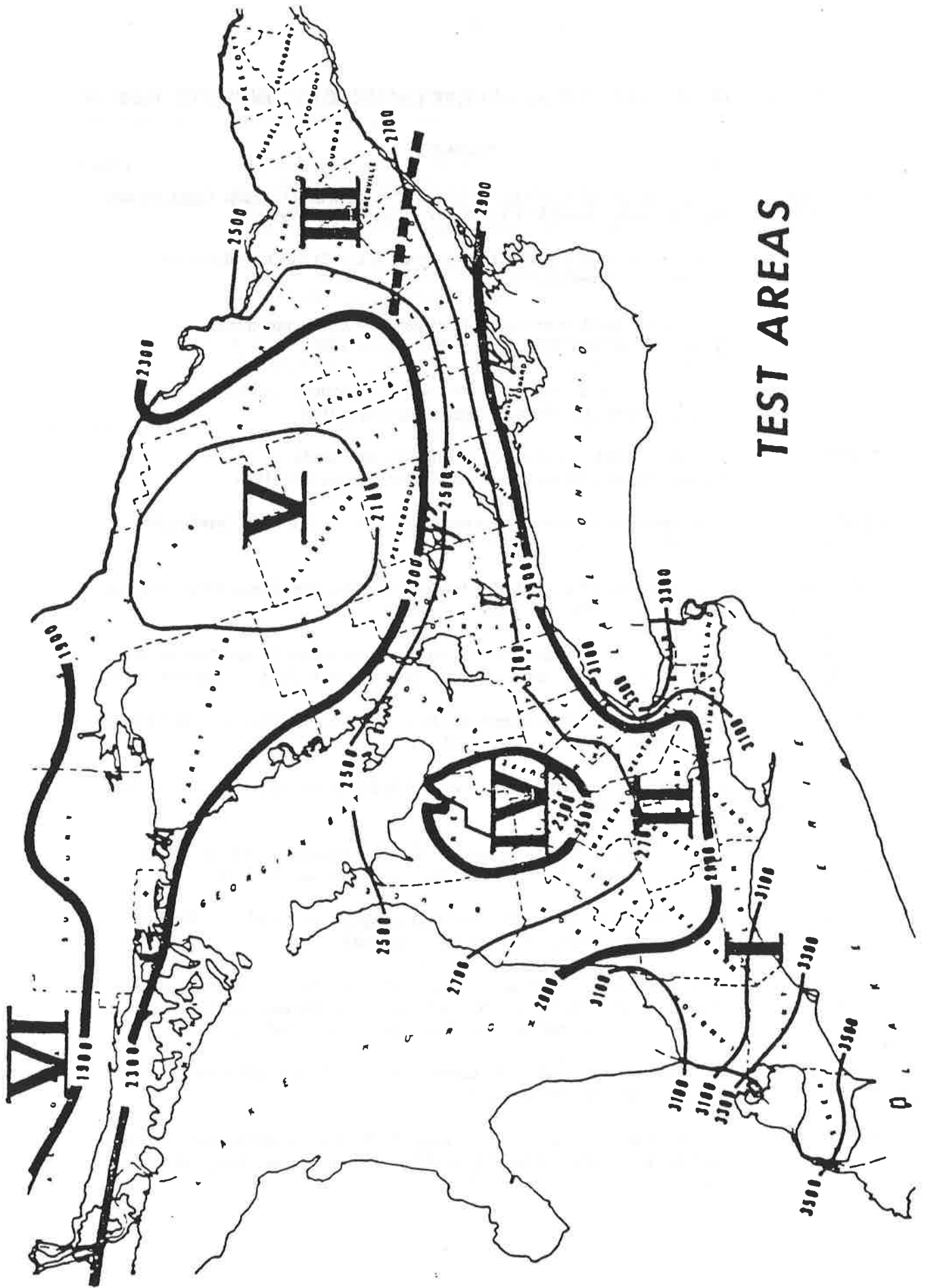
Spring sowing conditions were generally wet and cold for most spring cereals. After a fairly cool spring, the remainder of the growing season had slightly below average temperatures and higher amounts of precipitation than normal. July was quite wet with frequent thunderstorms. August was warm and dry with most crops harvested in excellent conditions. A little sprouting occurred in some soft white winter wheat. Yields tended to be slightly below average, while the overall quality was good. Harvest dates were generally about a week later than normal in most of the province.

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

- Test Area I - Southwest of the 2900 heat unit lines
- Test Area II - West of Frontenac, between the 2900 and 2300 heat unit lines.
- Test Area III - East of Frontenac, between the 2900 and 2300 heat unit lines.
- Test Area IV - The Dundalk plain (Grey, Dufferin and Wellington) within the 2500 heat unit lines.
- Test Area V - Northern Ontario between the 2300 and 1900 heat unit lines.
- Test Area VI - Northern Ontario - north of the 1900 heat unit lines

The results of the 1994 tests and the average performance of cultivars over the past several years are published in this report. The long term averages of Recommendation Tests are combined with other tests to form the basis of variety recommendations for different areas of Ontario.

For specific recommendations in your area, consult the Ontario Ministry of Agriculture, Food and Rural Affairs Publication 296 - "1995 Field Crop Recommendations for Ontario".



TEST AREAS

DESCRIPTION OF CULTIVARS IN RECOMMENDATION TESTS, 1994

BARLEY

- 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.
- Frin (MB-88-3) - a two-rowed, rough awned barley introduced by C & M Seeds. Pedigree not revealed. Registered in 1992.
- Lester (TBR 579-5) - a two-rowed, rough awned barley developed by W.G. Thompson from the cross UPBS60/UPBS66//Rodeo. Registered in 1990.
- Morrison - two-rowed, rough awned, barley developed by Agriculture Canada, Ottawa from the cross Rodeo/Gitane. Registered in 1989.
- Symko - two-rowed, rough awned, barley developed by Agriculture Canada, Ottawa from the cross Rodeo/Gitane. Registered in 1989.
- Wellington (MB 89-4) - a two-rowed, rough awned barley tested by C & M Seeds from the breeding line FR4064-85. Registered in 1993.
- AC Hamilton (OB967-34) - a six-rowed smooth awned barley developed by Agriculture Canada, Ottawa from the cross Leger/OAC Kippen. Registered in 1994.
- AC Nadia (QB 232.7) - a six-rowed smooth awned barley developed by Agriculture Canada, Ste-Foy and marketed by Semican Atlantic, from the cross Leger/QB173.26. Registered in 1993.
- AC Stephen (OB956-13) - a six-rowed smooth awned barley developed by Agriculture Canada, Ottawa from the cross OAC Kippen/Leger. Registered in 1992.
- Bella (0S85-08.92) - a six-rowed, rough awned barley developed by Semico from a cross of Loyola/Trent. Registered in 1992.
- Bronco (BT 934) - a six-rowed barley from the cross Laurier/Loyola//York/3/Perth/4/Leger. W.G. Thompson maintains breeder seed of this variety. Registered in 1994.
- Chapais - six-rowed, rough awned, barley developed by Agriculture Canada, Ste. Foy from the cross QB58.14/Beacon//BT904. Registered in 1988.
- Codac (BT490) - a six-rowed, rough awned barley introduced by OAC from the Western Six-Row Registration test. The line was developed by the Crop Development Center, Saskatoon, from the cross Diamond/Duke. Registered in 1993.
- Etienne - six-rowed, smooth awned, barley developed by W.G. Thompson from the cross of Perth/R10-501. Registered in 1988.
- Leger - six-rowed, smooth awned, barley developed by the Agriculture Canada, Ottawa from the cross Trent/Vanier. It has high yield, long but strong straw. Susceptible to new races of mildew. Registered in 1982.

- Myriam
(OS88-10.23) - a six-rowed smooth awned barley sponsored by Semico from the cross OB 339-1/
Bedford. Registered in 1994.
- OAC Kippen - six-rowed, semi-rough awned, barley developed by OAC, University of Guelph from a
cross of OB141-1/Perth. High yielding, good hectolitre weight, similar to Leger in
height, lodging resistance and maturity. Resistant to new races of smut, susceptible
to old races of smut. Tolerance to most foliar diseases. Registered in 1987.
- TB 891-6 - a six-rowed barley developed by W.G. Thompson from the cross Vanier/
Keystone//421/3/3-51. Registered in 1992.
- TBC 57-40 - a six-rowed smooth awned barley developed by W.G. Thompson from the cross
Mingo/OB 339-1//QB 203-4. Recommended for registration in 1994.
- CDC Buck - a hullless, six-rowed, rough awned barley developed by the Crop Development Centre,
University of Saskatchewan. Registered in 1990.

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1994

	I (1)**		II (3)		III (3)		IV (2)		V (3)		VI (1)		PROVINCE*** (13)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a	bu/ac
AC Sterling	3.50	15	3.47	7	3.57	15	4.52	13	4.13	17	4.16	20	3.86	3446	71.8
Frin	3.54	13	3.01	19	3.12	20	3.89	20	3.97	20	4.43	17	3.54	3164	65.9
Lester	3.43	16	3.59	5	3.51	17	4.05	18	4.24	15	4.69	14	3.86	3451	71.9
Morrison	3.86	9	3.49	6	3.60	13	4.42	16	4.10	18	4.72	12	3.92	3503	73.0
Symko	3.38	18	3.28	13	3.88	7	4.67	11	4.01	19	4.58	15	3.91	3491	72.7
Wellington	3.43	16	3.27	15	3.60	13	4.17	17	4.15	16	4.21	19	3.77	3368	70.2
AC Hamilton	3.96	7	3.45	8	4.35	3	4.92	7	4.89	6	5.12	4	4.38	3915	81.6
AC Nadia	3.52	14	3.28	13	3.73	12	4.71	10	5.33	1	5.29	1	4.25	3795	79.1
AC Stephen	4.14	2	3.96	2	4.18	5	5.01	5	4.76	8	4.78	9	4.43	3955	82.4
Bella	3.97	6	3.39	10	3.82	10	5.07	4	4.61	9	4.40	18	4.15	3706	77.2
Bronco	3.69	10	3.33	11	3.44	19	4.45	15	4.83	7	5.02	6	4.03	3600	75.0
Chapais	4.39	1	3.98	1	3.99	6	5.10	3	4.91	5	4.74	10	4.46	3983	83.0
Codiac	4.03	5	3.22	17	3.47	18	4.59	12	4.39	14	5.05	5	3.96	3537	73.7
Etienne	4.08	4	3.60	4	3.86	8	5.20	2	4.53	12	4.73	11	4.25	3791	79.0
Leger	3.87	8	3.06	18	4.31	4	4.82	9	5.10	3	5.13	3	4.31	3850	80.2
Myriam	3.63	11	3.30	12	4.39	2	4.96	6	5.27	2	4.90	8	4.41	3938	82.0
OAC Kippen	3.58	12	3.81	3	3.84	9	4.48	14	4.61	9	4.52	16	4.14	3696	77.0
TB891-6	3.13	20	3.25	16	3.55	16	4.85	8	4.52	13	5.02	6	4.11	3672	76.5
TBC57-40	4.11	3	3.43	9	4.48	1	5.39	1	4.93	4	5.23	2	4.60	4106	85.5
CDC Buck	3.16	19	2.48	20	3.74	11	3.91	19	4.57	11	4.70	13	3.69	3295	68.6
Mean	3.72	-	3.38	-	3.82	-	4.66	-	4.59	-	4.77	-	4.10	3663	76.3

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

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1994

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Sterling	94	103	93	97	90	87	94
Frin	95	89	82	84	87	93	86
Lester	92	106	92	87	92	98	94
Morrison	104	103	94	95	89	99	96
Symko	91	97	102	100	87	96	95
Wellington	92	97	94	90	90	88	92
AC Hamilton	106	102	114	106	107	107	107
AC Nadia	95	97	98	101	116	111	104
AC Stephen	111	117	109	108	104	100	106
Bella	107	100	100	109	100	92	101
Bronco	99	99	90	96	105	105	98
Chapais	118	118	105	109	107	99	109
Codac	108	95	91	99	96	106	97
Etienne	110	107	101	112	99	99	104
Leger	104	91	113	103	111	108	105
Myriam	98	98	115	106	115	103	108
OAC Kippen	96	113	101	96	100	95	101
TB891-6	84	96	93	104	98	105	100
TBC57-40	110	101	117	116	108	110	112
CDC Buck	85	73	98	84	99	99	90
Mean yield t/ha	3.72	3.38	3.82	4.66	4.59	4.77	4.10

BARLEY

MEAN YIELDS IN DIFFERENT AREAS*, 1994

	I (1)**		II (3)		III (3)		IV (2)		V (3)		VI (1)		PROVINCE*** (13)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a	bu/ac
Frin	3.54	8	3.01	12	3.12	12	3.89	12	3.97	12	4.43	12	3.54	3164	65.9
Lester	3.43	10	3.59	5	3.51	10	4.05	11	4.24	9	4.69	9	3.86	3451	71.9
Morrison	3.86	6	3.49	6	3.60	8	4.42	10	4.10	10	4.72	8	3.92	3503	73.0
Symko	3.38	11	3.28	7	3.88	4	4.67	7	4.01	11	4.58	10	3.91	3491	72.7
AC Nadia	3.52	9	3.28	7	3.73	7	4.71	6	5.33	1	5.29	1	4.25	3795	79.1
AC Stephen	4.14	2	3.96	2	4.18	2	5.01	3	4.76	4	4.78	5	4.43	3955	82.4
Chapais	4.39	1	3.98	1	3.99	3	5.10	2	4.91	3	4.74	6	4.46	3983	83.0
Codac	4.03	4	3.22	10	3.47	11	4.59	8	4.39	8	5.05	3	3.96	3537	73.7
Etienne	4.08	3	3.60	4	3.86	5	5.20	1	4.53	6	4.73	7	4.25	3791	79.0
Legoc	3.87	5	3.06	11	4.31	1	4.82	5	5.10	2	5.13	2	4.31	3850	80.2
OAC Kippen	3.58	7	3.81	3	3.84	6	4.48	9	4.61	5	4.52	11	4.14	3696	77.0
TB891-6	3.13	12	3.25	9	3.55	9	4.85	4	4.52	7	5.02	4	4.11	3672	76.5
Mean	3.75	-	3.46	-	3.75	-	4.65	-	4.54	-	4.81	-	4.10	3657	76.2

* See attached map

** No. of locations

*** Weighted average

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1994

Cultivar	I	II	III	IV	V	VI	PROVINCE
Frin	94	87	83	84	87	92	86
Lester	91	104	94	87	93	98	94
Morrison	103	101	96	95	90	98	96
Symko	90	95	103	100	88	95	95
AC Nadia	94	95	100	101	117	110	104
AC Stephen	110	114	111	108	105	99	108
Chapais	117	115	106	110	108	99	109
Codac	107	93	92	99	97	105	97
Etienne	109	104	103	112	100	98	104
Leger	103	88	115	104	112	107	105
OAC Kippen	95	110	102	96	102	94	101
TB891-6	83	94	95	104	100	104	100
Mean yield t/ha	3.75	3.46	3.75	4.65	4.54	4.81	4.10

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1993-94

	I (3)**		II (6)		III (4)		IV (4)		V (6)		VI (2)		PROVINCE*** (25)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a	bu/ac
AC Sterling	3.28	8	3.81	12	3.70	12	4.79	11	4.66	16	4.51	18	4.15	3701	77.1
Frin	3.16	13	3.47	18	3.20	19	4.22	19	4.11	19	4.68	13	3.76	3359	70.0
Lester	3.44	4	4.00	6	3.49	18	4.53	18	4.82	11	4.90	9	4.21	3755	78.2
Morrison	3.26	9	3.71	14	3.57	15	4.67	14	4.77	15	5.05	6	4.15	3702	77.1
Symko	3.04	16	3.62	15	3.85	9	4.77	12	4.80	12	4.67	14	4.14	3693	76.9
Wellington	3.05	15	3.37	19	3.53	16	4.62	15	4.30	18	4.59	17	3.88	3463	72.2
AC Hamilton	3.34	6	4.08	4	4.39	2	5.18	5	4.93	9	5.20	3	4.51	4027	83.9
AC Nadia	3.01	19	3.72	13	3.89	8	5.21	3	5.53	2	5.44	1	4.47	3991	83.2
AC Stephen	3.48	3	4.45	1	4.19	5	5.21	3	4.86	10	5.01	8	4.56	4071	84.8
Bella	3.30	7	3.86	9	3.73	11	4.91	8	5.03	7	4.29	19	4.26	3800	79.2
Bronco	3.26	9	3.85	11	3.66	13	4.62	15	4.80	12	5.15	5	4.20	3750	78.1
Chapais	3.51	2	4.35	2	4.07	6	5.49	1	5.26	4	4.67	14	4.63	4135	85.2
Codac	3.39	5	3.59	17	3.53	16	4.70	13	5.06	6	4.73	11	4.18	3729	77.7
Etienne	3.19	11	4.13	3	3.94	7	5.37	2	4.79	14	4.70	12	4.39	3919	81.6
Leger	3.06	14	3.67	16	4.25	4	4.88	9	5.29	3	5.29	2	4.40	3931	81.9
Myriam	3.03	18	3.92	7	4.41	1	5.18	5	5.83	1	5.17	4	4.65	4152	86.5
OAC Kippen	3.12	12	4.06	5	3.85	9	4.62	15	5.03	7	4.60	16	4.29	3827	79.7
TB891-6	3.06	16	3.86	9	3.63	14	4.87	10	4.62	17	4.81	10	4.15	3705	77.2
TBC57-40	3.58	1	3.88	8	4.39	2	5.14	7	5.24	5	5.05	6	4.55	4063	84.6
Mean	3.24	-	3.86	-	3.86	-	4.89	-	4.93	-	4.87	-	4.29	3830	79.8

* See attached map

** No. of locations

*** Weighted average

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1993-94

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Sterling	101	99	96	98	95	93	97
Frin	98	90	83	86	83	96	88
Lester	106	104	90	93	98	101	98
Morrison	101	96	92	96	97	104	97
Symko	94	94	100	97	97	96	96
Wellington	94	87	91	95	87	94	90
AC Hamilton	103	106	114	106	100	107	105
AC Nadia	93	96	101	107	112	112	104
AC Stephen	107	115	109	106	98	103	105
Bella	102	100	97	100	102	88	99
Bronco	101	100	95	94	97	106	98
Chapais	108	113	105	112	107	96	108
Codac	105	93	92	96	103	97	97
Etienne	99	107	102	110	97	97	102
Leger	94	95	110	100	107	109	103
Myriam	94	102	114	106	118	106	108
OAC Kippen	98	105	100	95	102	94	100
TB891-6	94	100	94	100	94	99	97
TBC57-40	110	101	114	105	106	104	106
Mean yield t/ha	3.24	3.86	3.86	4.89	4.93	4.87	4.29

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1992-94

	I (5)**		II (9)		III (10)		IV (6)		V (10)		VI (3)		PROVINCE*** (43)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a	bu/ac
AC Sterling	3.40	8	4.05	8	4.72	9	4.96	6	5.19	12	4.51	14	4.56	4069	84.8
Frin	3.15	15	3.74	15	4.49	15	4.67	14	4.77	15	4.85	8	4.29	3831	79.8
Lester	3.46	6	4.22	4	4.75	8	4.70	12	5.35	7	4.86	7	4.63	4133	86.1
Morrison	3.53	4	3.93	9	4.76	7	4.80	10	5.18	13	4.88	6	4.55	4066	84.7
Symko	3.41	7	3.88	10	4.84	4	4.70	12	5.34	8	4.59	12	4.55	4064	84.7
Wellington	3.36	10	3.76	14	4.58	14	4.90	8	4.80	14	4.68	11	4.37	3901	81.3
AC Nadia	3.35	11	3.85	11	4.87	3	5.23	4	5.86	2	5.31	1	4.79	4279	89.1
AC Stephen	3.90	1	4.65	1	4.92	2	5.58	2	5.29	10	5.10	4	4.94	4411	91.9
Bella	3.68	3	4.10	7	4.61	13	5.09	5	5.43	6	4.43	15	4.64	4142	86.3
Chapais	3.76	2	4.55	2	5.16	1	5.59	1	5.88	1	5.12	3	5.09	4548	94.8
Codac	3.38	9	3.79	12	4.81	6	4.63	15	5.66	3	5.02	5	4.62	4122	85.9
Etienne	3.47	5	4.17	6	4.69	10	5.41	3	5.28	11	4.84	9	4.69	4187	87.2
Leger	3.34	13	3.77	13	4.83	5	4.87	9	5.61	4	5.27	2	4.65	4153	86.5
OAC Kippen	3.35	11	4.24	3	4.68	11	4.79	11	5.51	5	4.55	13	4.63	4135	86.2
TB891-6	3.31	14	4.22	4	4.66	12	4.96	6	5.33	9	4.79	10	4.62	4124	85.9
Mean	3.46	-	4.06	-	4.76	-	4.99	-	5.36	-	4.85	-	4.64	4144	86.3

* See attached map

** No. of locations

*** Weighted average

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1992-94

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Sterling	98	100	99	99	97	93	98
Frin	91	92	94	93	89	100	92
Lester	100	104	100	94	100	100	100
Morrison	102	97	100	96	97	101	98
Symko	99	96	102	94	100	95	98
Wellington	97	93	96	98	89	97	94
AC Nadia	97	95	102	105	109	109	103
AC Stephen	113	115	103	112	99	105	106
Bella	106	101	97	102	101	91	100
Chapais	109	112	108	112	110	105	110
Codac	98	93	101	93	106	103	100
Etienne	100	103	98	108	99	100	101
Leger	97	93	102	98	105	109	100
OAC Kippen	97	104	98	96	103	94	100
TB891-6	96	104	98	99	99	99	100
Mean yield t/ha	3.46	4.06	4.76	4.99	5.36	4.85	4.64

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1991-94

	I (5)**		II (11)		III (14)		IV (7)		V (14)		VI (4)		PROVINCE*** (55)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a	bu/ac
Frin	3.15	12	3.79	11	4.33	12	4.58	10	4.73	12	4.99	7	4.30	3835	79.9
Lester	3.46	5	4.16	5	4.60	8	4.62	7	5.16	9	4.99	7	4.58	4090	85.2
Morrison	3.53	3	3.88	7	4.60	8	4.62	7	5.07	11	5.02	6	4.51	4027	83.9
Symko	3.41	6	3.87	8	4.64	7	4.51	11	5.18	8	4.68	12	4.50	4016	83.7
AC Nadia	3.35	8	3.80	10	4.73	4	4.93	4	5.65	1	5.22	2	4.72	4210	87.7
AC Stephen	3.90	1	4.60	1	4.77	3	5.36	2	5.11	10	5.04	5	4.84	4321	90.0
Chapais	3.76	2	4.56	2	4.96	1	5.41	1	5.57	2	5.19	3	5.00	4462	93.0
Codac	3.38	7	3.81	9	4.80	2	4.49	12	5.52	3	5.12	4	4.64	4143	86.3
Etiemme	3.47	4	4.16	5	4.58	10	5.14	3	5.21	7	4.92	9	4.65	4153	86.5
Leger	3.34	10	3.77	12	4.71	5	4.67	6	5.45	4	5.39	1	4.63	4136	86.2
OAC Kippen	3.35	8	4.19	4	4.57	11	4.61	9	5.39	5	4.74	11	4.61	4117	85.8
TB891-6	3.31	11	4.20	3	4.66	6	4.87	5	5.28	6	4.77	10	4.64	4138	86.2
Mean	3.45	-	4.06	-	4.66	-	4.82	-	5.28	-	5.01	-	4.63	4136	86.2

* See attached map

** No. of locations

*** Weighted average

**** 1992-94 data only

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1991-94

Cultivar	*I	II	III	IV	V	VI	PROVINCE
Frin	91	93	93	95	90	100	93
Lester	100	103	99	96	98	100	99
Morrison	102	95	99	96	96	100	97
Symko	99	95	100	94	98	93	97
AC Nadia	97	94	102	102	107	104	102
AC Stephen	113	113	101	111	97	101	104
Chapais	109	112	106	112	105	104	108
Codac	98	94	103	93	104	102	100
Etienne	101	102	98	107	99	98	100
Leger	97	93	101	97	103	108	100
OAC Kippen	97	103	98	96	102	95	100
TB891-6	96	103	100	101	100	95	100
Mean yield t/ha	3.45	4.06	4.66	4.82	5.28	5.01	4.63

* 1992-94 data only

**TESTING AREA I
BARLEY
AGRONOMIC DATA, 1994**

Cultivar	Yield t/ha (1)*	hl/wt kg (1)	Kernel weight g/1000 (1)	Height cm (-)	Lodging 0-9 (1)	Maturity ^a days (-)
AC Sterling	3.50	61.7	33.0	-	6	-
Frin	3.54	65.0	34.5	-	4	-
Lester	3.43	59.6	34.0	-	5	-
Morrison	3.86	64.4	30.8	-	7	-
Symko	3.38	63.1	30.4	-	7	-
Wellington	3.43	67.8	33.6	-	5	-
AC Hamilton	3.96	60.7	32.9	-	5	-
AC Nadia	3.52	55.1	26.6	-	6	-
AC Stephen	4.14	60.0	28.6	-	7	-
Bella	3.97	63.8	29.7	-	7	-
Bronco	3.69	59.2	28.0	-	7	-
Chapais	4.39	61.0	35.4	-	6	-
Codac	4.03	58.7	30.5	-	7	-
Etienne	4.04	59.1	26.7	-	7	-
Leger	3.87	58.9	28.5	-	6	-
Myriam	3.63	61.9	33.4	-	6	-
OAC Kippen	3.58	63.6	28.9	-	7	-
TB891-6	3.13	54.0	31.9	-	7	-
TBC57-40	4.11	61.2	29.0	-	6	-
CDC Buck	3.16	68.3	25.5	-	6	-

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA I
BARLEY
AGRONOMIC DATA, 1993-94**

Cultivar	Yield t/ha (3)*	hl/wt kg (3)	Kernel weight g/1000 (2)	Height cm** (2)	Lodging 0-9 (3)	Maturity ^a days** (1)	Leaf Rust 0-9** (1)
AC Sterling	3.28	62.5	37.4	74	2.9	91	2.0
Frin	3.16	62.7	36.5	63	1.4	91	1.0
Lester	3.44	61.5	37.9	67	2.2	90	2.0
Morrison	3.26	63.0	33.9	70	3.2	91	3.0
Symko	3.04	62.7	33.4	75	2.8	91	2.0
Wellington	3.05	63.7	34.6	67	1.8	92	1.0
AC Hamilton	2.33	59.3	34.9	80	2.3	93	5.5
AC Nadia	3.01	57.9	29.0	80	2.3	93	4.0
AC Stephen	3.48	61.2	31.6	81	3.1	91	3.5
Bella	3.30	61.3	32.9	76	3.8	91	5.0
Bronco	2.24	60.2	30.4	77	2.9	92	5.0
Chapais	3.51	57.9	38.0	70	3.2	92	5.5
Codac	3.39	56.9	31.8	73	3.4	92	5.0
Etienne	3.19	56.5	30.2	76	3.3	92	6.0
Leger	3.06	58.2	29.7	79	2.7	93	5.0
Myriam	2.12	60.8	34.9	77	2.9	92	5.5
OAC Kippen	3.17	64.0	32.8	80	3.3	92	3.5
TB891-6	3.04	58.4	32.1	75	2.8	92	3.0
TBC57-40	2.48	59.5	31.7	83	2.8	92	4.5

^a no. of days from seeding to maturity

* no. of locations

** 1993 data only

**TESTING AREA I
BARLEY
AGRONOMIC DATA, 1992-94**

Cultivar	Yield t/ha (5)*	hl/wt kg (5)	Kernel weight g/1000 (4)	Height cm** (4)	Lodging 0-9 (5)	Maturity ^a days*** (1)
AC Sterling	3.40	62.8	38.0	82	3.7	91
Frin	3.15	60.9	35.2	68	2.9	91
Lester	3.46	62.0	37.7	68	3.3	90
Morrison	3.53	63.5	35.9	71	3.3	91
Symko	3.41	63.8	36.0	82	3.5	91
Wellington	3.36	64.7	35.5	75	2.3	92
AC Nadia	3.35	58.0	30.4	87	2.6	93
AC Stephen	3.90	61.3	33.4	89	3.3	91
Bella	3.68	62.1	33.0	82	3.9	91
Chapais	3.76	58.2	38.2	83	3.3	92
Codac	3.38	55.8	31.3	80	4.1	92
Etienne	3.47	58.4	31.3	82	3.4	92
Leger	3.34	57.3	31.1	89	3.2	93
OAC Kippen	3.35	62.8	32.6	88	3.6	92
TB891-6	3.31	59.1	30.0	82	3.3	92

^a no. of days from seeding to maturity; * no. of locations; ** 1992-93 data only; *** 1993 data only

AGRONOMIC DATA, 1991-94

Cultivar	Yield t/ha** (5)*	hl/wt kg (6)	Kernel weight g/1000** (4)	Height cm*** (5)	Lodging 0-9 (6)	Maturity ^a days**** (2)
Frin	3.15	61.9	35.2	68	2.5	88
Lester	3.46	62.0	37.7	70	2.9	88
Morrison	3.53	62.3	35.9	73	2.9	89
Symko	3.41	61.6	36.0	83	3.2	89
AC Nadia	3.35	58.5	30.4	87	2.4	91
AC Stephen	3.90	60.4	33.4	89	3.2	89
Chapais	3.76	58.6	38.2	80	3.0	90
Codac	3.38	56.7	31.3	79	3.6	89
Etienne	3.47	59.6	31.3	82	3.1	90
Leger	3.34	58.5	31.1	90	3.1	90
OAC Kippen	3.35	61.6	32.6	88	3.2	90
TB891-6	3.31	58.7	30.0	82	3.0	90

^a no. of days from seeding to maturity; * no. of locations; ** 1992-94 data only; *** 1991-93 data only; **** 1991&1993 data only

**TESTING AREA I
BARLEY
Yield in kg per ha, 1994**

Cultivar	Kent I	Average			Rank
		t/ha	lbs/a	bu/a	
AC Sterling	3499	3.50	3124	65.1	16
Frin	3541	3.54	3162	65.9	13
Lester	3430	3.43	3063	63.8	17
Morrison	3863	3.86	3449	71.9	8
Symko	3375	3.38	3013	62.8	18
Wellington	3431	3.43	3063	63.8	14
AC Hamilton	3962	3.96	3538	73.7	7
AC Nadia	3522	3.52	3145	65.5	15
AC Stephen	4142	4.14	3698	77.0	2
Bella	3972	3.97	3546	73.9	6
Bronco	3686	3.69	3291	68.6	10
Chapais	4394	4.39	3923	81.7	1
Codac	4029	4.03	3597	74.9	5
Etienne	4037	4.04	3604	75.1	4
Leger	3867	3.87	3453	71.9	8
Myriam	3625	3.63	3237	67.4	11
OAC Kippen	3575	3.58	3192	66.5	12
TB891-6	3131	3.13	2796	58.2	20
TBC57-40	4106	4.11	3666	76.4	3
CDC Buck	3156	3.16	2818	58.7	19
Mean	3719	3.72	3321	69.2	-
C.V. %	9.2	9.2	-	-	-
LSD (0.05)	484	0.48	-	-	-

**TESTING AREA II
BARLEY
AGRONOMIC DATA, 1994**

Cultivar	Yield t/ha (3)*	hl/wt kg (3)	Kernel weight g/1000 (3)	Height cm (3)	Lodging 0-9 (1)	Maturity ^a days (3)	Helm 0-9 (2)	Leaf Rust 0-9 (1)	Scald 0-9 (1)	BYDV 0-9 (2)	Stem Break 0-9 (1)
AC Sterling	3.47	63.7	41.5	78	0.5	87	4.9	4.5	6.3	2.8	0.0
Frin	3.01	61.2	41.6	71	0.0	85	6.7	0.5	5.8	3.9	1.0
Lester	3.59	63.5	43.3	73	1.0	85	6.0	4.0	6.3	3.5	0.0
Morrison	3.49	63.3	37.5	74	0.5	86	5.9	2.5	4.5	3.0	0.0
Symko	3.28	63.5	39.7	78	3.0	86	5.2	1.5	7.0	3.5	2.0
Wellington	3.27	63.6	35.7	73	0.0	88	6.2	3.0	6.0	3.5	0.0
AC Hamilton	3.45	56.9	37.1	83	0.0	88	3.7	7.0	3.0	4.3	5.0
AC Nadia	3.28	57.0	31.5	84	0.0	87	7.2	5.0	4.0	4.5	7.0
AC Stephen	3.96	59.6	35.6	81	0.0	87	4.5	5.5	3.8	3.8	7.0
Bella	3.39	62.5	37.5	80	0.0	88	5.3	3.8	8.0	4.4	4.0
Bronco	3.33	57.9	33.9	81	0.0	86	2.8	4.0	5.3	2.8	2.0
Chapais	3.98	60.6	44.9	68	0.0	85	5.5	7.0	6.3	5.5	1.0
Codac	3.22	55.7	37.1	71	0.0	86	4.0	5.5	4.0	4.3	3.0
Etienne	3.60	58.8	34.9	79	0.0	86	4.0	6.0	6.0	3.5	8.0
Leger	3.06	56.3	33.3	84	2.5	85	6.3	5.5	3.0	3.8	4.0
Myriam	3.30	60.2	37.8	75	0.0	86	3.5	7.0	2.5	4.0	4.0
OAC Kippen	3.81	61.8	37.0	85	2.0	86	4.3	5.0	4.0	3.8	3.0
TB891-6	3.25	57.7	32.1	78	0.0	86	4.3	3.5	5.0	2.8	4.0
TBC57-40	3.43	58.9	34.0	87	2.5	87	4.3	5.8	5.5	1.8	5.0
CDC Buck	2.48	64.1	33.6	83	2.5	85	4.4	7.5	5.0	4.9	5.0

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA II
BARLEY
AGRONOMIC DATA, 1993-94**

Cultivar	Yield t/ha (6)*	hl/wt kg (6)	Kernel weight g/1000 (6)	Height cm (6)	Lodging 0-9 (3)	Maturity ^a days (4)	Leaf Rust 0-9 (2)	Mildew 0-9 (2)
AC Sterling	3.81	63.0	41.2	86	2.5	86	3.0	0.0
Frin	3.47	61.5	41.9	74	0.1	84	1.0	0.0
Lester	4.00	64.1	43.8	78	0.8	84	3.0	0.0
Morrison	3.71	63.7	39.2	81	0.8	85	2.8	0.0
Symko	3.62	63.4	40.0	85	4.9	85	2.3	0.0
Wellington	3.37	63.7	37.1	79	0.4	86	2.5	0.3
AC Hamilton	4.08	57.4	39.5	91	1.1	86	5.3	1.5
AC Nadia	3.72	57.8	34.0	90	1.5	86	4.3	4.3
AC Stephen	4.45	59.8	36.8	89	1.8	86	4.3	1.8
Bella	3.86	62.4	38.2	87	2.6	86	2.7	2.8
Bronco	3.85	58.0	34.9	87	0.8	85	3.0	0.0
Chapais	4.35	59.9	44.2	75	1.9	84	5.0	0.0
Codac	3.59	55.7	35.8	82	2.5	85	4.0	3.0
Etienne	4.13	59.3	36.3	86	0.8	85	4.5	3.8
Leger	3.67	57.2	34.6	95	2.9	84	4.8	1.5
Myriam	3.92	59.9	39.4	84	0.8	85	5.3	2.0
OAC Kippen	4.06	62.2	37.4	90	3.0	85	3.5	1.0
TB891-6	3.86	58.4	33.6	84	0.9	85	3.0	0.0
TBC57-40	3.88	59.3	35.0	94	1.9	86	4.2	5.0

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA II
BARLEY
AGRONOMIC DATA, 1992-94**

Cultivar	Yield	hl/wt	Kernel weight	Height	Lodging	Maturity ^a	Mildew	Leaf Rust
	t/ha (9)*	kg (9)	g/1000 (9)	cm (9)	0-9 (5)	days (6)	0-9 (4)	0-9 (4)
AC Sterling	4.05	63.6	41.1	89	1.6	88	0.0	2.7
Frin	3.74	62.4	41.4	75	0.3	86	0.3	1.0
Lester	4.22	64.1	42.9	78	0.6	86	0.2	2.5
Morrison	3.93	64.1	39.6	82	0.8	87	0.4	2.6
Symko	3.88	63.9	40.0	85	3.2	87	0.4	2.9
Wellington	3.76	64.2	36.7	81	0.2	88	0.1	2.5
AC Nadia	3.85	58.1	33.2	91	0.9	87	3.6	4.6
AC Stephen	4.65	60.6	37.0	91	1.2	87	1.3	4.3
Bella	4.10	62.4	37.8	89	1.6	87	2.1	3.3
Chapais	4.55	59.7	43.0	76	1.4	86	0.3	3.9
Codac	3.79	56.4	35.7	84	2.4	87	2.9	4.3
Etienne	4.17	60.0	36.4	85	0.7	87	3.9	5.7
Leger	3.77	58.1	34.7	94	1.8	86	2.5	5.0
OAC Kippen	4.24	62.7	46.1	91	2.5	87	1.4	3.5
TB891-6	4.22	59.6	33.8	86	0.5	87	0.0	3.0

^a no. of days from seeding to maturity; * no. of locations

AGRONOMIC DATA, 1991-94

Cultivar	Yield	hl/wt	Kernel weight	Height	Lodging	Maturity ^a	Leaf Rust
	t/ha (11)*	kg (11)	g/1000 (11)	cm (12)	0-9 (6)	days (8)	0-9 (6)
Frin	3.79	62.6	41.5	72	0.4	87	1.3
Lester	4.16	64.1	43.1	76	1.6	86	2.5
Morrison	3.88	64.3	40.1	79	1.0	87	2.3
Symko	3.87	64.2	40.5	83	3.3	87	3.7
AC Nadia	3.80	58.0	33.5	85	1.1	87	4.2
AC Stephen	4.60	60.9	37.4	87	1.2	87	3.7
Chapais	4.56	59.8	43.0	73	1.5	86	3.2
Codac	3.81	56.0	35.5	82	2.6	87	4.2
Etienne	4.16	59.6	35.9	83	0.8	87	5.0
Leger	3.77	58.3	34.9	90	1.9	86	4.5
OAC Kippen	4.19	63.0	37.7	88	2.4	87	3.0
TB891-6	4.20	59.7	34.1	82	0.6	87	2.5

^a no. of days from seeding to maturity; * no. of locations

**TESTING AREA II
BARLEY
Yield in kg per ha, 1994**

Cultivar	Oxford	Huron	Middlesex I	Average			Rank
				t/ha	lbs/a	bu/a	
AC Sterling	2119	4746	3550	3.47	3100	64.6	7
Frin	1829	3961	3239	3.01	2687	56.0	19
Lester	2499	4576	3709	3.59	3210	66.9	5
Morrison	2228	4564	3681	3.49	3117	64.9	6
Symko	2094	4371	3383	3.28	2931	61.1	13
Wellington	2131	4347	3340	3.27	2922	60.9	15
AC Hamilton	2255	4576	3514	3.45	3079	64.1	8
AC Nadia	1933	4469	3445	3.28	2931	61.1	13
AC Stephen	2757	4975	4141	3.96	3534	73.6	2
Bella	2636	4160	3362	3.39	3023	63.0	10
Bronco	2229	4492	3268	3.33	2973	61.9	11
Chapais	3484	4794	3673	3.98	3557	74.1	1
Codac	2520	4106	3043	3.22	2878	60.0	17
Etienne	2319	4878	3608	3.60	3216	67.0	4
Leger	1755	4444	2978	3.06	2731	56.9	18
Myriam	1975	4685	3231	3.30	2944	61.3	12
OAC Kippen	2867	4830	3724	3.81	3399	70.8	3
TB891-6	2079	4468	3210	3.25	2904	60.5	16
TBC57-40	1998	4673	3604	3.43	3058	63.7	9
CDC Buck	1498	3647	2304	2.48	2217	46.2	20
Mean	2260	4488	3400	3.38	3020	62.9	-
C.V. %	8.6	6.7	7.6	7.6	-	-	-
LSD (0.05)	322	488	371	0.39	-	-	-

**TESTING AREA III
BARLEY
AGRONOMIC DATA, 1994**

Cultivar	Yield t/ha (3)*	hl/wt kg (1)	Kernel weight g/1000 (1)	Height cm (3)	Lodging 0-9 (2)	Maturity ^a days (1)
AC Sterling	3.57	65.0	40.4	86	1.8	84
Frin	3.12	67.5	40.4	75	2.0	84
Lester	3.51	65.5	43.6	78	4.0	83
Morrison	3.60	66.5	42.8	83	2.8	85
Symko	3.88	67.0	43.8	88	2.3	85
Wellington	3.60	63.0	43.2	76	1.5	85
AC Hamilton	4.35	65.0	44.5	90	2.5	85
AC Nadia	3.73	65.5	41.2	91	2.0	85
AC Stephen	4.18	66.0	39.4	85	1.8	83
Bella	3.82	64.5	41.2	85	2.3	83
Bronco	3.44	63.5	43.8	91	2.3	84
Chapais	3.99	63.0	44.6	74	1.8	84
Codac	3.47	63.0	41.8	80	2.5	85
Etienne	3.86	64.0	42.2	87	2.3	84
Leger	4.31	67.0	39.0	94	2.0	83
Myriam	4.39	65.0	41.6	85	1.0	84
OAC Kippen	3.84	66.5	40.8	90	2.0	83
TB891-6	3.55	61.0	41.1	83	2.3	83
TBC57-40	4.48	65.0	38.8	93	1.5	83
CDC Buck	3.74	65.0	39.8	87	2.0	83

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA III
BARLEY
AGRONOMIC DATA, 1993-94**

Cultivar	Yield t/ha (4)*	hl/wt kg (2)	Kernel weight g/1000 (2)	Height cm (4)	Lodging 0-9 (3)	Maturity ^a days (2)
AC Sterling	3.70	64.5	43.2	84	1.2	85
Frin	3.20	63.3	39.0	74	1.4	85
Lester	3.49	64.5	44.4	77	2.7	84
Morrison	3.57	65.5	43.0	80	1.8	86
Symko	3.85	65.0	42.5	86	1.5	85
Wellington	3.53	62.4	39.8	74	1.0	87
AC Hamilton	4.39	62.3	40.1	89	1.8	86
AC Nadia	3.89	63.8	39.2	90	1.3	85
AC Stephen	4.19	63.5	37.1	84	1.3	84
Bella	3.73	63.8	38.0	84	1.7	84
Bronco	3.66	62.0	39.3	89	1.7	85
Chapais	4.07	60.8	41.1	75	1.3	85
Codac	3.53	60.3	37.1	80	2.0	85
Etienne	3.94	62.5	38.3	86	1.5	85
Leger	4.25	63.9	36.7	93	1.7	84
Myriam	4.41	63.8	40.8	83	0.7	85
OAC Kippen	3.85	65.2	38.4	90	1.4	84
TB891-6	3.63	61.0	37.4	82	1.5	84
TBC57-40	4.39	63.8	37.2	91	1.1	84

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA III
BARLEY
AGRONOMIC DATA, 1992-94**

Cultivar	Yield t/ha (10)*	hl/wt kg (8)	Kernel weight g/1000 (7)	Height cm (10)	Lodging 0-9 (7)	Maturity ^a days (5)
AC Sterling	4.72	67.3	45.6	89	2.3	96
Frin	4.49	66.5	47.1	78	1.5	96
Lester	4.75	67.3	49.8	80	2.7	96
Morrison	4.76	67.8	47.1	82	2.2	97
Symko	4.84	67.3	46.1	89	2.0	96
Wellington	4.58	68.2	45.4	51	0.8	97
AC Nadia	4.87	64.2	42.3	97	1.1	96
AC Stephen	4.92	63.4	40.8	94	1.8	96
Bella	4.61	64.7	49.2	90	1.8	96
Chapais	5.16	62.3	47.5	79	1.5	96
Codac	4.81	61.6	40.8	87	2.6	96
Etienne	4.69	63.6	40.7	91	1.8	96
Leger	4.83	64.3	41.1	99	1.7	95
OAC Kippen	4.68	65.4	41.8	96	2.4	95
TB891-6	4.66	64.3	40.0	90	1.7	96

^a no. of days from seeding to maturity; * no. of locations

AGRONOMIC DATA, 1991-94

Cultivar	Yield t/ha (14)*	hl/wt kg (14)	Kernel weight g/1000 (12)	Height cm (15)	Lodging 0-9 (8)	Maturity ^a days (8)
Frin	4.33	65.5	46.8	72	1.4	90
Lester	4.60	66.9	49.0	75	2.6	89
Morrison	4.60	67.5	47.0	76	2.1	90
Symko	4.64	67.1	46.0	83	1.8	90
AC Nadia	4.73	62.7	40.7	90	1.2	91
AC Stephen	4.77	62.5	39.9	87	1.7	90
Chapais	4.96	61.2	46.3	74	1.5	90
Codac	4.80	59.7	39.7	80	2.6	90
Etienne	4.58	62.8	39.7	84	1.8	90
Leger	4.71	62.7	39.7	91	1.7	90
OAC Kippen	4.57	64.5	40.9	90	2.4	90
TB891-6	4.66	63.2	38.6	83	1.6	90

^a no. of days from seeding to maturity; * no. of locations

**TESTING AREA III
BARLEY
Yield in kg per ha, 1994**

Cultivar	Carleton I	Grenville	Dundas	Average			Rank
				t/ha	lbs/a	bu/a	
AC Sterling	3830	3224	3644	3.57	3184	66.3	15
Frin	3885	2667	2807	3.12	2785	58.0	20
Lester	4014	3118	3399	3.51	3134	65.3	17
Morrison	4152	3304	3357	3.60	3218	67.0	13
Symko	4165	3933	3538	3.88	3463	72.1	7
Wellington	3840	3927	3036	3.60	3215	67.0	13
AC Hamilton	4769	4286	3983	4.35	3880	80.8	3
AC Nadia	4344	3487	3363	3.73	3332	69.4	12
AC Stephen	4470	3899	4172	4.18	3732	77.8	5
Bella	4070	3850	3530	3.82	3408	71.0	10
Bronco	4436	2679	3216	3.44	3075	64.1	19
Chapais	4616	3865	3500	3.99	3566	74.3	6
Codac	4485	3018	2894	3.47	3094	64.5	18
Etienne	4753	3460	3353	3.86	3442	71.7	8
Leger	4568	4488	3866	4.31	3846	80.1	4
Myriam	4281	4609	4276	4.39	3918	81.6	2
OAC Kippen	4102	3464	3956	3.84	3429	71.4	9
TB891-6	4538	3320	2778	3.55	3165	65.9	16
TBC57-40	4543	4618	4282	4.48	4001	83.4	1
CDC Buck	4555	3366	3288	3.74	3336	69.5	11
Mean	4321	3629	3512	3.82	3411	71.1	-
C.V. %	8.3	15.9	12.8	12.3	-	-	-
LSD (0.05)	577	824	646	0.68	-	-	-

**TESTING AREA IV
BARLEY
AGRONOMIC DATA, 1994**

Cultivar	Yield t/ha (2)*	hl/wt kg (2)	Kernel weight g/1000 (2)	Height cm (2)	Lodging 0-9 (2)	Maturity ^a days (1)	Mildew 0-9 (1)	Scald 0-9 (1)
AC Sterling	4.52	63.2	44.4	80	1.9	87	0.0	1.7
Frin	3.89	58.8	39.0	70	2.7	86	0.0	1.3
Lester	4.05	62.3	41.9	70	3.2	85	0.0	2.0
Morrison	4.42	62.9	43.0	74	2.4	87	0.0	2.0
Symko	4.67	64.7	42.3	79	2.3	87	0.0	2.0
Wellington	4.17	63.7	40.1	71	0.4	88	0.0	1.0
AC Hamilton	4.92	63.7	43.0	88	1.5	85	0.0	1.3
AC Nadia	4.71	58.8	37.6	86	2.9	86	1.0	2.3
AC Stephen	5.01	59.3	39.6	92	3.3	85	0.0	1.7
Bella	5.07	61.9	38.2	90	5.0	85	0.3	2.3
Bronco	4.45	59.1	39.8	87	3.2	87	0.0	1.7
Chapais	5.10	59.9	45.7	75	0.8	85	0.0	2.0
Codac	4.59	55.5	37.7	79	1.7	86	0.0	2.0
Etienne	5.20	59.2	40.5	85	0.7	86	0.7	1.7
Leger	4.82	60.3	39.7	92	1.3	85	1.0	1.7
Myriam	4.96	61.8	42.8	84	1.3	87	0.0	1.7
OAC Kippen	4.48	60.7	39.9	88	3.2	85	0.7	1.7
TB891-6	4.85	58.7	35.2	85	1.4	87	0.0	1.3
TBC57-40	5.39	60.2	38.5	96	2.7	86	2.3	2.7
CDC Buck	3.91	68.8	36.2	86	3.2	87	1.7	1.0

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA IV
BARLEY
AGRONOMIC DATA, 1993-94**

Cultivar	Yield t/ha (4)*	hl/wt kg (4)	Kernel weight g/1000 (4)	Height cm (4)	Lodging 0-9 (4)	Maturity ^a days (2)	Mildew 0-9 (2)	Scald 0-9 (2)
AC Sterling	4.79	63.6	46.9	80	1.0	90	0.0	3.1
Frin	4.22	59.9	40.7	72	1.3	89	1.0	3.6
Lester	4.53	63.2	43.6	75	1.6	87	0.0	3.5
Morrison	4.67	64.5	44.1	79	1.2	90	0.0	2.8
Symko	4.77	63.9	42.2	82	2.3	90	0.0	3.9
Wellington	4.62	62.6	40.1	76	0.2	91	0.0	3.7
AC Hamilton	5.18	61.4	40.9	95	1.1	89	2.5	2.2
AC Nadia	5.21	59.1	36.9	94	1.6	89	2.0	1.2
AC Stephen	5.21	60.5	38.5	97	2.8	88	2.0	2.1
Bella	4.91	62.5	37.9	93	4.1	88	3.7	2.8
Bronco	4.62	58.8	37.6	94	2.2	90	3.0	2.1
Chapais	5.49	59.3	43.9	83	0.8	88	3.0	1.7
Codac	4.70	54.7	36.3	84	2.2	88	2.5	1.5
Etienne	5.37	59.6	39.7	91	0.7	89	3.4	1.9
Leger	4.88	59.7	37.3	98	2.0	88	1.0	2.4
Myriam	5.18	61.2	40.1	90	1.5	88	2.0	1.4
OAC Kippen	4.62	61.8	38.9	92	2.9	87	0.4	1.4
TB891-6	4.87	58.7	35.2	88	1.0	89	0.0	2.1
TBC57-40	5.14	60.0	37.6	99	2.2	88	1.2	3.5

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA IV
BARLEY
AGRONOMIC DATA, 1992-94**

Cultivar	Yield t/ha (6)*	hl/wt kg (6)	Kernel weight g/1000 (6)	Height cm (6)	Lodging 0-9 (5)	Maturity ^a days (3)	Mildew 0-9 (3)	Scald 0-9 (4)
AC Sterling	4.96	62.7	45.1	85	0.9	93	0.0	2.8
Frin	4.67	59.2	40.7	74	1.1	92	0.7	3.8
Lester	4.70	62.0	43.2	76	1.5	91	0.2	3.9
Morrison	4.80	62.9	43.3	79	1.8	93	0.0	2.6
Symko	4.70	63.0	41.2	83	2.7	93	0.0	3.1
Wellington	4.90	62.6	39.3	80	0.2	94	0.0	3.7
AC Nadia	5.23	58.0	35.9	98	1.5	92	3.7	1.0
AC Stephen	5.58	59.8	39.4	98	2.3	91	2.3	1.6
Bella	5.09	60.9	37.2	94	3.9	91	4.3	2.9
Chapais	5.59	58.0	43.5	84	0.7	91	2.5	2.3
Codac	4.63	53.7	35.2	86	2.5	92	3.2	1.5
Etienne	5.41	58.3	37.9	92	0.5	92	3.9	1.8
Leger	4.87	58.3	36.2	101	1.7	91	2.5	1.8
OAC Kippen	4.79	60.6	37.6	93	3.1	91	1.1	1.0
TB891-6	4.96	58.1	34.6	91	1.8	93	0.0	1.9

^a no. of days from seeding to maturity; * no. of locations

AGRONOMIC DATA, 1991-94

Cultivar	Yield t/ha (7)*	hl/wt kg (7)	Kernel weight g/1000 (7)	Height cm (7)	Lodging 0-9 (6)	Maturity ^a days (4)
Frin	4.58	59.4	41.0	71	0.9	90
Lester	4.62	61.1	43.2	73	1.2	89
Morrison	4.62	62.9	43.2	76	1.8	90
Symko	4.51	62.7	40.7	81	2.7	91
AC Nadia	4.93	57.5	35.1	94	1.2	90
AC Stephen	5.36	60.2	39.0	95	2.3	90
Chapais	5.41	58.4	43.3	81	0.6	89
Codac	4.49	53.4	35.1	83	2.3	89
Etienne	5.14	57.6	37.1	88	0.4	90
Leger	4.67	58.1	35.8	98	1.7	89
OAC Kippen	4.61	60.3	37.3	91	3.3	89
TB891-6	4.87	58.6	34.5	88	1.5	90

^a no. of days from seeding to maturity; * no. of locations

**TESTING AREA IV
BARLEY
Yield in kg per ha, 1994**

Cultivar	Wellington I	Wellington	Average			Rank
			t/ha	lbs/a	bu/a	
AC Sterling	5088	3952	4.52	4036	84.1	13
Frin	4189	3597	3.89	3476	72.4	20
Lester	4824	3273	4.05	3615	75.3	18
Morrison	4816	4021	4.42	3945	82.2	16
Symko	4966	4372	4.67	4169	86.8	11
Wellington	4495	3847	4.17	3724	77.6	17
AC Hamilton	5514	4328	4.92	4394	91.5	7
AC Nadia	5162	4248	4.71	4201	87.5	10
AC Stephen	5239	4781	5.01	4473	93.2	5
Bella	5402	4734	5.07	4525	94.3	4
Bronco	4327	4574	4.45	3974	82.8	15
Chapais	5548	4654	5.10	4554	94.9	3
Codac	4795	4387	4.59	4099	85.4	12
Etienne	5193	5215	5.20	4646	96.8	2
Leger	4967	4668	4.82	4301	89.6	9
Myriam	5542	4378	4.96	4429	92.3	6
OAC Kippen	4495	4455	4.48	3996	83.2	14
TB891-6	4927	4765	4.85	4327	90.1	8
TBC57-40	5687	5092	5.39	4812	100.3	1
CDC Buck	4323	3488	3.91	3487	72.6	19
Mean	4975	4341	4.66	4159	86.6	-
C.V. %	5.4	8.2	6.8	-	-	-
LSD (0.05)	383	500	0.44	-	-	-

**TESTING AREA V
BARLEY
AGRONOMIC DATA, 1994**

Cultivar	Yield t/ha (3)*	hl/wt kg (4)	Kernel weight g/1000 (4)	Height cm (4)	Lodging 0-9 (1)	Maturity ^a days (3)
AC Sterling	4.13	62.4	43.7	80	3	95
Frin	3.97	61.1	41.9	68	2	95
Lester	4.24	63.9	44.4	67	3	94
Morrison	4.10	63.6	44.5	73	3	95
Symko	4.01	63.0	43.6	75	7	96
Wellington	4.15	63.5	40.9	67	2	96
AC Hamilton	4.89	58.8	41.9	82	5	98
AC Nadia	5.33	60.6	39.6	88	2	98
AC Stephen	4.76	59.5	38.1	82	2	97
Bella	4.61	60.1	39.2	78	7	96
Bronco	4.83	60.6	40.5	83	5	96
Chapais	4.91	58.9	45.1	71	5	95
Codac	4.39	58.9	39.1	77	6	96
Etienne	4.53	60.5	40.2	77	5	97
Leger	5.10	59.0	37.9	90	4	96
Myriam	5.27	60.9	42.2	81	2	97
OAC Kippen	4.61	60.1	39.4	84	4	96
TB891-6	4.52	59.9	38.5	80	5	97
TBC57-40	4.93	61.6	41.2	88	2	96
CDC Buck	4.57	62.1	39.6	82	4	95

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA V
BARLEY
AGRONOMIC DATA, 1993-94**

Cultivar	Yield t/ha (6)*	hl/wt kg (8)	Kernel weight g/1000 (8)	Height cm (8)	Lodging 0-9 (4)	Maturity ^a days (5)	Net Blotch 0-9** (2)
AC Sterling	4.66	63.9	43.9	80	1.8	98	7.0
Frin	4.11	61.7	42.2	69	1.6	99	7.9
Lester	4.82	64.0	43.9	70	2.4	97	7.7
Morrison	4.77	63.5	42.7	74	2.3	98	7.7
Symko	4.80	63.5	42.4	78	3.5	99	7.7
Wellington	4.30	63.7	40.8	70	1.1	99	7.5
AC Hamilton	4.93	58.6	40.8	82	3.1	100	7.5
AC Nadia	5.53	60.6	39.0	87	1.6	100	7.5
AC Stephen	4.86	59.8	37.0	82	2.8	99	7.5
Bella	5.03	60.2	38.2	79	2.7	99	7.5
Bronco	4.80	59.1	37.8	84	3.7	99	7.0
Chapais	5.26	57.4	42.7	73	3.0	98	7.7
Codac	5.06	58.0	37.6	76	3.1	99	7.5
Etienne	4.79	59.3	38.3	78	2.9	100	7.2
Leger	5.29	59.4	38.7	90	2.5	99	7.7
Myriam	5.83	61.4	42.8	82	1.9	99	7.5
OAC Kippen	5.03	60.4	37.8	85	3.3	99	7.5
TB891-6	4.62	58.7	36.5	81	3.5	100	7.5
TBC57-40	5.24	61.1	39.8	90	2.2	99	7.5

^a no. of days from seeding to maturity

* no. of locations

** 1993 data only

**TESTING AREA V
BARLEY
AGRONOMIC DATA, 1992-94**

Cultivar	Yield t/ha (10)*	hl/wt kg (12)	Kernel weight g/1000 (12)	Height cm (12)	Lodging 0-9 (5)	Maturity ^a days (7)	Net Blotch 0-9** (3)
AC Sterling	5.19	63.3	44.6	82	1.6	105	5.9
Frin	4.77	61.4	42.6	71	2.3	104	7.3
Lester	5.35	63.6	44.1	72	2.1	103	6.5
Morrison	5.18	63.8	43.5	75	2.1	104	6.4
Symko	5.34	63.7	42.9	80	3.2	105	5.9
Wellington	4.80	63.6	40.7	73	1.1	105	6.3
AC Nadia	5.86	60.6	39.2	89	1.5	105	6.7
AC Stephen	5.29	61.0	39.4	84	2.4	104	6.7
Bella	5.43	60.5	38.0	81	2.6	104	6.8
Chapais	5.88	58.0	43.1	75	2.8	104	7.1
Codac	5.66	57.9	37.9	78	2.7	104	6.8
Etienne	5.28	59.7	38.1	82	2.5	105	6.6
Leger	5.61	59.8	38.5	92	2.2	104	6.9
OAC Kippen	5.51	60.8	37.4	87	2.9	104	6.3
TB891-6	5.33	59.8	37.5	84	3.0	105	6.8

^a no. of days from seeding to maturity; * no. of locations; ** 1992-93 data only

AGRONOMIC DATA, 1991-94

Cultivar	Yield t/ha (14)*	hl/wt kg (16)	Kernel weight g/1000 (15)	Height cm (17)	Lodging 0-9** (5)	Maturity ^a days (11)
Frin	4.73	61.7	42.7	69	2.3	99
Lester	5.16	64.0	44.1	70	2.1	98
Morrison	5.07	64.2	43.7	74	2.1	98
Symko	5.18	63.9	43.4	77	3.2	99
AC Nadia	5.65	60.7	39.3	86	1.5	99
AC Stephen	5.11	60.8	39.4	81	2.4	98
Chapais	5.57	58.5	43.0	73	2.8	98
Codac	5.52	57.6	37.4	75	2.7	99
Etienne	5.21	60.0	38.6	79	2.5	99
Leger	5.45	59.9	38.1	89	2.2	98
OAC Kippen	5.39	61.0	37.4	85	2.9	98
TB891-6	5.28	60.6	37.4	80	3.0	99

^a no. of days from seeding to maturity; * no. of locations; ** 1992-94 data only

TESTING AREA V
BARLEY
Yield in kg per ha, 1994

Cultivar	Nipissing	Temiskasing	Thunder	Rainy River	Average			Rank
	District*		Bay	District	t/ha	lbs/a	bu/a	
AC Sterling	3004	4136	4036	4224	4.13	3689	76.9	17
Frin	2494	2964	4779	4173	3.97	3546	73.9	20
Lester	3164	4653	4568	3490	4.24	3783	78.8	15
Morrison	3464	4328	4222	3759	4.10	3663	76.3	18
Symko	2954	3595	4291	4152	4.01	3583	74.6	19
Wellington	2360	3562	4407	4475	4.15	3704	77.2	16
AC Hamilton	3271	4674	5234	4774	4.89	4370	91.0	6
AC Nadia	3813	5415	5842	4731	5.33	4758	99.1	1
AC Stephen	3056	4936	5482	3870	4.76	4252	88.6	8
Bella	3193	4690	5097	4040	4.61	4115	85.7	9
Bronco	2857	4117	6046	4336	4.83	4315	89.9	7
Chapais	3376	4809	5203	4723	4.91	4385	91.4	5
Codac	3447	3083	6112	3964	4.39	3916	81.6	14
Etienne	3403	4020	5287	4281	4.53	4044	84.3	12
Leger	2980	5098	5504	4694	5.10	4552	94.8	3
Myriam	3131	4842	5765	5210	5.27	4707	98.1	2
OAC Kippen	3201	4669	5250	3913	4.61	4117	85.8	10
TB891-6	2903	3644	5282	4632	4.52	4035	84.1	13
TBC57-40	4057	5110	5261	4433	4.93	4406	91.8	4
CDC Buck	3401	3814	5365	4518	4.57	4076	84.9	11
Mean	3176	4308	5152	4320	4.59	4101	85.4	-
C.V. %	18.2	13.7	14.5	13.1	13.8	-	-	-
LSD (0.05)	N/S	835	1054	803	0.90	-	-	-

* data not included in average

**TESTING AREA VI
BARLEY
AGRONOMIC DATA, 1994**

Cultivar	Yield t/ha (1)*	hl/wt kg (1)	Kernel weight g/1000 (1)	Height cm (1)	Lodging 0-9 (1)	Maturity ^a days (1)
AC Sterling	4.16	68.7	42.9	82	2.3	101
Frin	4.43	63.3	39.2	73	2.8	102
Lester	4.69	69.5	42.3	75	2.3	99
Morrison	4.72	70.2	41.6	79	1.8	101
Symko	4.58	70.3	40.8	82	2.3	100
Wellington	4.21	66.6	39.4	74	1.5	102
AC Hamilton	5.12	64.4	36.8	93	3.8	100
AC Nadia	5.29	69.0	35.9	94	2.5	100
AC Stephen	4.78	67.6	35.4	90	2.5	99
Bella	4.40	66.4	33.4	88	2.3	98
Bronco	5.02	64.8	35.6	92	4.5	101
Chapais	4.74	64.7	44.1	77	3.0	101
Codac	5.05	66.7	37.6	80	2.8	100
Etienne	4.73	66.6	33.8	80	2.5	100
Leger	5.13	65.1	34.5	102	3.0	100
Myriam	4.90	67.2	38.1	88	3.0	100
OAC Kippen	4.52	67.9	34.7	90	3.5	99
TB891-6	5.02	65.4	32.7	91	3.0	102
TBC57-40	5.23	66.9	34.5	99	2.8	101
CDC Buck	4.70	78.4	33.3	91	2.3	99

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA VI
BARLEY
AGRONOMIC DATA, 1993-94**

Cultivar	Yield t/ha (2)*	hl/wt kg (2)	Kernel weight g/1000 (2)	Height cm (2)	Lodging 0-9 (2)	Maturity ^a days (2)
AC Sterling	4.51	70.5	44.3	83	2.8	101
Frin	4.68	66.8	40.3	74	1.9	101
Lester	4.90	70.7	43.6	77	1.9	100
Morrison	5.05	71.3	43.4	85	1.9	101
Symko	4.67	70.6	42.4	85	2.3	100
Wellington	4.59	69.6	40.7	78	2.0	101
AC Hamilton	5.20	66.2	40.1	96	3.6	100
AC Nadia	5.44	70.5	37.2	100	2.7	100
AC Stephen	5.01	68.6	36.9	95	2.8	100
Bella	4.29	68.6	34.9	87	1.9	99
Bronco	5.15	66.5	37.2	98	4.8	100
Chapais	4.67	66.4	45.1	78	2.4	102
Codac	4.73	67.7	39.0	82	2.4	101
Etienne	4.70	68.6	36.4	86	2.2	100
Leger	5.29	67.0	36.1	107	2.8	100
Myriam	5.17	69.3	41.5	91	2.9	100
OAC Kippen	4.60	69.1	36.6	90	3.0	100
TB891-6	4.81	67.3	34.7	95	3.9	102
TBC57-40	5.05	68.0	36.1	100	3.6	101

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA VI
BARLEY
AGRONOMIC DATA, 1992-94**

Cultivar	Yield t/ha (3)*	hl/wt kg (3)	Kernel weight g/1000 (3)	Height cm (3)	Lodging 0-9 (3)	Maturity ^a days (3)
AC Sterling	4.51	69.4	44.0	81	2.2	104
Frin	4.85	67.0	41.4	71	1.6	105
Lester	4.86	69.9	43.8	74	1.6	103
Morrison	4.88	70.4	43.7	83	1.6	105
Symko	4.59	69.7	42.9	84	1.9	103
Wellington	4.68	69.2	40.9	79	1.7	104
AC Nadia	5.31	67.7	36.5	99	2.1	103
AC Stephen	5.10	66.1	36.5	95	2.2	102
Bella	4.43	67.7	35.3	88	1.6	102
Chapais	5.12	65.0	45.0	78	1.9	104
Codac	5.02	65.1	37.8	83	2.3	104
Etienne	4.84	67.2	35.8	86	1.8	103
Leger	5.27	64.7	35.5	105	1.3	102
OAC Kippen	4.55	67.2	36.5	89	2.3	102
TB891-6	4.79	66.6	34.7	93	2.9	104

* no. of days from seeding to maturity; * no. of location

AGRONOMIC DATA, 1991-94

Cultivar	Yield t/ha (4)*	hl/wt kg (4)	Kernel weight g/1000 (4)	Height cm (4)	Lodging 0-9 (4)	Maturity ^a days (4)
Frin	4.99	67.2	43.4	69	1.4	104
Lester	4.99	69.4	45.5	72	1.7	102
Morrison	5.02	70.1	45.0	79	1.7	104
Symko	4.68	69.5	44.2	81	1.6	103
AC Nadia	5.22	66.9	37.8	95	1.6	103
AC Stephen	5.04	65.4	38.2	92	1.7	102
Chapais	5.19	64.2	45.1	73	1.8	103
Codac	5.12	63.9	38.7	79	2.3	103
Etienne	4.92	66.8	36.7	82	1.7	102
Leger	5.39	64.4	37.4	102	1.8	102
OAC Kippen	4.74	66.7	37.5	88	2.1	102
TB891-6	4.77	66.1	36.2	90	2.6	103

* no. of days from seeding to maturity; * no. of locations

TESTING AREA VI
BARLEY
Yield in kg per ha, 1994

Cultivar	Cochrane	Average			Rank
		t/ha	lbs/a	bu/a	
AC Sterling	4161	4.16	3715	77.4	20
Frin	4429	4.43	3954	82.4	17
Lester	4687	4.69	4185	87.2	14
Morrison	4715	4.72	4210	87.7	12
Symko	4576	4.58	4086	85.1	15
Wellington	4207	4.21	3756	78.3	19
AC Hamilton	5121	5.12	4572	95.3	4
AC Nadia	5287	5.29	4721	98.3	1
AC Stephen	4779	4.78	4267	88.9	9
Bella	4401	4.40	3929	81.9	18
Bronco	5019	5.02	4481	93.4	6
Chapais	4742	4.74	4234	88.2	10
Codac	5047	5.05	4506	93.9	5
Etienne	4733	4.73	4226	88.0	11
Leger	5130	5.13	4580	95.4	3
Myriam	4899	4.90	4374	91.1	8
OAC Kippen	4521	4.52	4037	84.1	16
TB891-6	5019	5.02	4481	93.4	6
TBC57-40	5231	4.23	4671	97.3	2
CDC Buck	4696	4.70	4193	87.4	13
Mean	4770	4.77	4259	88.7	-
C.V. %	7.3	7.3	-	-	-
LSD (0.05)	496	0.50	-	-	-

DESCRIPTION OF CULTIVARS IN RECOMMENDATION TESTS, 1994

OATS

- AC Hunter (OA 804-5) - a white-hulled oat developed by Agriculture Canada, Ottawa from the cross 01146-9/OT210. Registered in 1992.
- AC Preakness - an oat developed by Agriculture Canada, Winnipeg Research Station. Resistant to rust. Registered for sale in Canada.
- AC Rigodon (QO 256.39) - a white-hulled oat developed by Agriculture Canada, Ste-Foy from the cross Ogle//2897/Kent/3/QO174.19. Registered in 1992.
- AC Stewart (OA 796-15) - a yellow-hulled oat developed by Agriculture Canada, Ottawa from the cross 4*Ogle/OT219. AC Stewart is essentially a rust resistant Ogle. Registered in 1991.
- Donegal (TO 85025) - an oat developed by W.G. Thompson and Sons from the cross Ogle/QO183.3. Registered in 1991.
- Newman - daylength insensitive white oat developed by Agriculture Canada, Ottawa from backcross to Donald (Donald*4/OT219). Registered in 1988.
- Robert - a tan-hulled oat developed by Agriculture Canada, Winnipeg from the cross OT212/RL3064. Robert has good crown rust resistance and tolerance to BYDV. Registered in 1988.
- Ultima - an oat cultivar developed by Agriculture Canada (Ste. Foy), from the cross Manic//RL-2892/Kent. Registered in 1989.
- OA 899-2 - a white-hulled oat developed by Agriculture Canada, Ottawa from the cross 04202-228/04444. Approved for registration in 1994.
- AC Lotta (NO 820-3) - a hulless oat developed by Agriculture Canada, Ottawa from the cross 04186/OA501-1. AC Lotta is being marketed by C & M Seeds. Registered in 1991.
- AC Baton (NO 10-1) - a hulless oat developed by Agriculture Canada, Ottawa from the cross 04441/04102-297. Registered in 1994.

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 1994

	I (1)**		II (3)		III (1)		IV (2)		V (2)		VI (1)		PROVINCE*** (10)	
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	Ibs/a
AC Hunter	4.20	3	3.96	2	4.12	2	4.29	3	5.35	7	4.93	2	4.44	3965
AC Preakness	2.78	9	3.32	7	3.15	8	2.68	9	5.59	4	5.05	1	3.75	3348
AC Rigodon	4.01	4	4.02	1	4.21	1	4.74	1	5.82	2	4.79	3	4.62	4123
AC Stewart	4.42	1	3.47	6	3.50	4	3.88	4	5.50	5	4.18	7	4.13	3684
Donegal	4.25	2	3.70	5	3.46	5	3.09	7	5.91	1	4.77	4	4.16	3713
Newman	3.22	8	2.86	9	2.66	9	2.75	8	5.24	8	3.85	9	3.43	3061
Robert	3.94	5	3.73	4	3.31	7	4.67	2	5.23	9	4.59	6	4.28	3825
Ultima	3.55	7	3.88	3	3.37	6	3.68	5	5.62	3	4.75	5	4.19	3741
OA899-2	3.74	6	3.29	8	3.52	3	3.53	6	5.42	6	4.09	8	3.91	3493
mean	3.79	-	3.58	-	3.48	-	3.70	-	5.52	-	4.56	-	4.10	3662
AC Baton ¹	2.35	2	2.21	2	2.17	2	2.35	1	4.15	1	3.38	1	2.76	2460
AC Lotta ¹	2.77	1	2.24	1	2.62	1	2.32	2	3.88	2	2.81	2	2.73	2441
mean ¹	2.56	-	2.23	-	2.40	-	2.34	-	4.02	-	3.10	-	2.74	2450
TOTAL MEAN	3.57	-	3.33	-	3.28	-	3.45	-	5.25	-	4.29	-	3.85	3441

* See attached map

** No. of locations

*** Weighted average

¹ hullless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1994

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Hunter	111	111	118	116	97	108	108
AC Preakness	73	93	91	72	101	111	91
AC Rigodon	106	112	121	128	105	105	113
AC Stewart	117	97	101	105	100	92	101
Donegal	112	103	99	84	107	105	101
Newman	85	80	76	74	95	84	84
Robert	104	104	95	126	95	101	104
Ultima	94	108	97	99	102	104	102
OA899-2	99	92	101	96	98	90	95
mean yield t/ha	3.79	3.58	3.48	3.70	5.52	4.56	4.10
AC Baton ¹	92	99	90	100	103	109	101
AC Lotta ¹	108	101	109	99	97	91	100
mean yield t/ha ¹	2.56	2.23	2.40	2.34	4.02	3.10	2.74

¹ hullless oats

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 1994

	I (1)**		II (3)		III (1)		IV (2)		V (2)		VI (1)		PROVINCE*** (10)	
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	Ibs/ha
AC Hunter	4.20	3	3.96	2	4.12	2	4.29	3	5.35	5	4.93	1	4.44	3965
AC Rigodon	4.01	4	4.02	1	4.21	1	4.74	1	5.82	2	4.79	2	4.62	4123
AC Stewart	4.42	1	3.47	6	3.50	3	3.88	4	5.50	4	4.18	6	4.13	3684
Donegal	4.25	2	3.70	5	3.46	4	3.09	6	5.91	1	4.77	3	4.16	3713
Newman	3.22	7	2.86	7	2.66	7	2.75	7	5.24	6	3.85	7	3.43	3061
Robert	3.94	5	3.73	4	3.31	6	4.67	2	5.23	7	4.59	5	4.28	3825
Ultima	3.55	6	3.88	3	3.37	5	3.68	5	5.62	3	4.75	4	4.19	3741
mean	3.94	-	3.66	-	3.52	-	3.87	-	5.52	-	4.55	-	4.18	3730
AC Lotta ¹	2.77	1	2.24	1	2.62	1	2.32	1	3.88	1	2.81	1	2.73	2441
TOTAL MEAN	3.80	-	3.48	-	3.41	-	3.68	-	5.32	-	4.33	-	4.00	3569

* See attached map

** No. of locations

*** Weighted average

¹ hullless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1994

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Hunter	107	108	117	111	97	108	106
AC Rigodon	102	110	120	122	105	105	110
AC Stewart	112	95	99	100	100	92	99
Donegal	108	101	98	80	107	105	99
Newman	82	78	76	71	95	85	82
Robert	100	102	94	121	95	101	102
Ultima	90	106	96	95	102	104	100
mean yield t/ha	3.94	3.66	3.52	3.87	5.52	4.55	4.18
AC Lotta ¹	100	100	100	100	100	100	100
mean yield t/ha ¹	2.77	2.24	2.62	2.32	3.88	2.81	2.73

¹ hullless oats

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 1993-94

	I (2)**		II (6)		III (2)		IV (4)		V (5)		VI (2)		PROVINCE*** (21)	
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a
AC Hunter	3.62	5	3.71	4	4.32	1	4.48	3	5.52	6	5.24	2	4.48	4001
AC Rigodon	3.71	3	3.75	1	4.31	2	4.79	1	6.17	1	5.12	5	4.70	4197
AC Stewart	3.77	2	3.74	2	4.27	3	4.23	4	5.58	5	4.25	7	4.37	3902
Donegal	3.87	1	3.47	7	4.05	6	3.72	7	5.77	3	5.23	3	4.32	3861
Newman	2.81	8	3.14	8	3.79	8	3.48	8	5.51	7	3.99	8	3.88	3464
Robert	3.69	4	3.73	3	3.90	7	4.71	2	5.46	8	5.26	1	4.49	4005
Ultima	3.42	6	3.62	5	4.23	5	4.11	5	5.80	2	5.15	4	4.42	3944
OA 899-2	3.39	7	3.57	6	4.24	4	4.05	6	5.65	4	4.49	6	4.29	3832
mean	3.53	-	3.59	-	4.14	-	4.20	-	5.68	-	4.84	-	4.37	3901
AC Baton ¹	1.72	2	2.19	2	3.10	2	2.71	2	4.20	2	3.48	1	2.93	2617
AC Lotta ¹	2.09	1	2.36	1	3.19	1	2.77	1	4.27	1	3.04	2	3.01	2688
mean ¹	1.90	-	2.28	-	3.14	-	2.74	-	4.23	-	3.26	-	2.97	2652
TOTAL MEAN	3.21	-	3.33	-	3.94	-	3.90	-	5.39	-	4.52	-	4.09	3651

* See attached map

** No. of locations

*** Weighted average

¹ hullless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1993-94

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Hunter	103	103	104	107	97	108	103
AC Rigodon	105	104	104	114	109	106	108
AC Stewart	107	104	103	101	98	88	100
Donegal	109	97	98	89	102	108	99
Newman	80	87	91	83	97	82	89
Robert	105	104	94	112	96	109	103
Ultima	97	101	102	98	102	106	101
OA899-2	96	100	102	96	100	93	98
mean yield t/ha	3.53	3.59	4.14	4.20	5.68	4.84	4.37
AC Baton ¹	90	96	99	99	99	107	99
AC Lotta ¹	110	104	101	101	101	93	101
mean yield t/ha ¹	1.90	2.28	3.14	2.74	4.23	3.26	2.97

¹ hullless oats

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 1991-94

	I (6)**		II (12)		III (12)		IV (6)		V (12)		VI (4)		PROVINCE*** (52)	
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a
AC Hunter	3.51	5	3.58	4	4.17	5	4.09	3	5.63	4	5.62	2	4.39	3924
AC Rigodon	3.70	3	3.71	2	4.26	2	4.36	2	6.13	1	5.51	4	4.60	4111
AC Stewart	3.89	2	3.66	3	4.08	6	4.06	4	5.23	6	4.85	6	4.28	3826
Donegal	3.94	1	3.26	6	4.20	3	3.46	6	5.89	3	5.75	1	4.38	3906
Newman	3.08	7	3.03	7	3.67	7	3.17	7	5.17	7	4.62	7	3.82	3406
Robert	3.54	4	3.78	1	4.18	4	4.44	1	5.51	5	5.43	5	4.45	3972
Ultima	3.16	6	3.51	5	4.47	1	3.75	5	5.98	2	5.54	3	4.44	3967
mean	3.54	-	3.50	-	4.15	-	3.90	-	5.65	-	5.33	-	4.34	3873
AC Lotta ¹	2.01	1	2.43	1	2.97	1	2.61	1	4.10	1	3.71	1	3.01	2688
TOTAL MEAN	3.35	-	3.37	-	4.00	-	3.74	-	5.45	-	5.13	-	4.17	3725

* See attached map

** No. of locations

*** Weighted average

¹ hullless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1991-94

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Hunter	99	102	100	105	100	105	101
AC Rigodon	104	106	103	112	108	103	106
AC Stewart	110	105	98	104	93	91	99
Donegal	111	93	101	89	104	108	101
Newman	87	87	88	81	92	87	88
Robert	100	108	101	114	97	102	102
Ultima	89	100	108	96	106	104	102
mean yield t/ha	3.54	3.50	4.15	3.90	5.65	5.33	4.34
AC Lotta ¹	100	100	100	100	100	100	100
mean yield t/ha ¹	2.01	2.43	2.97	2.61	4.10	3.71	3.01

¹ hullless oats

**TESTING AREA I
OATS
AGRONOMIC DATA, 1994**

Cultivar	Yield t/ha (1)*	hl/wt kg (1)	Kernel weight g/1000 (1)	Height cm (-)	Lodging 0-9 (1)	Maturity ^a days (-)
AC Hunter	4.20	39.7	33.5	-	5	-
AC Preakness	2.78	39.8	30.2	-	5	-
AC Rigodon	4.01	36.9	29.2	-	5	-
AC Stewart	4.42	41.2	35.9	-	5	-
Donegal	4.25	37.5	30.6	-	5	-
Newman	3.22	37.5	30.6	-	6	-
Robert	3.94	42.2	33.7	-	5	-
Ultima	3.55	37.7	29.0	-	4	-
OA899-2	3.74	38.9	31.3	-	5	-
AC Baton	2.35	51.6	23.2	-	3	-
AC Lotta	2.77	46.1	25.7	-	5	-

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1993-94

Cultivar	Yield t/ha (2)*	hl/wt kg (2)	Kernel weight g/1000 (2)	Height cm (1)**	Lodging 0-9 (2)	Maturity ^a days (1)**	Septoria 0-9 (1)**
AC Hunter	3.62	43.7	34.5	99	3.0	106	2.0
AC Rigodon	3.71	44.8	32.5	96	2.9	105	0.0
AC Stewart	3.77	46.2	36.5	87	3.0	98	0.0
Donegal	3.87	44.3	33.2	96	3.5	104	2.0
Newman	2.81	43.1	32.8	89	4.1	105	4.0
Robert	3.69	47.4	34.6	86	3.4	105	1.5
Ultima	3.42	42.0	29.1	90	2.3	104	2.0
OA 899-2	3.39	45.4	34.2	88	2.6	103	1.5
AC Baton	1.72	56.8	23.1	88	2.1	105	2.0
AC Lotta	3.59	54.7	23.3	93	3.3	105	2.0

^a no. of days from seeding to maturity

* no. of locations

** 1993 data only

**TESTING AREA I
OATS
AGRONOMIC DATA, 1991-94**

Cultivar	Yield t/ha (6)*	hl/wt kg (6)	Kernel weight g/1000** (3)	Height cm*** (5)	Lodging 0-9 (5)	Maturity ^a days*** (3)
AC Hunter	3.51	39.8	36.6	102	2.6	102
AC Rigodon	3.70	42.2	33.5	101	2.2	102
AC Stewart	3.89	42.6	37.5	86	2.4	95
Donegal	3.94	42.3	35.2	99	3.4	101
Newman	3.08	42.1	34.9	96	4.2	99
Robert	3.54	44.5	35.8	92	3.3	100
Ultima	3.16	39.7	29.8	96	1.7	100
AC Lotta	2.01	53.4	24.6	100	2.7	101

^a no. of days from seeding to maturity

* no. of locations

** 1992-94 data only

*** 1991-93 data only

**TESTING AREA I
OATS
Yield in kg per ha, 1994**

Cultivar	Kent I	Average			Rank
		t/ha	lb/a	bu/a	
AC Hunter	4201	4.20	3751	110.3	3
AC Preakness	2784	2.78	2486	73.1	9
AC Rigodon	4009	4.01	3579	105.3	4
AC Stewart	4418	4.42	3945	116.0	1
Donegal	4249	4.25	3794	111.6	2
Newman	3216	3.22	2871	84.5	8
Robert	3937	3.94	3515	103.4	5
Ultima	3552	3.55	3171	93.3	7
OA899-2	3743	3.74	3342	98.3	6
AC Baton	2347	2.35	2096	-	11
AC Lotta	2773	2.77	2476	-	10
Mean	3566	3.57	3184	-	-
C.V. %	8.9	8.9	-	-	-
LSD (0.05)	457	0.46	-	-	-

**TESTING AREA II
OATS
AGRONOMIC DATA, 1994**

Cultivar	Yield t/ha (3)*	hl/wt kg (3)	Kernel weight g/1000 (3)	Height cm (3)	Lodging 0-9 (2)	Maturity ^a days (1)	Septoria 0-9 (2)	Leaf Rust 0-9 (2)
AC Hunter	3.96	48.8	40.2	109	6.3	92	5.5	0.0
AC Preakness	3.32	49.6	36.6	106	7.0	94	4.3	0.0
AC Rigodon	4.02	52.6	40.4	103	5.5	92	5.2	2.5
AC Stewart	3.47	49.3	40.6	95	4.3	89	5.8	2.0
Donegal	3.70	47.2	35.0	106	6.8	91	3.9	6.5
Newman	2.86	46.2	35.2	103	7.8	88	7.4	3.8
Robert	3.73	49.8	39.1	101	7.0	92	6.7	0.0
Ultima	3.88	47.7	33.3	106	3.0	90	5.7	5.8
OA899-2	3.29	48.6	39.1	106	6.3	91	6.2	6.0
AC Baton	2.21	56.8	31.3	108	3.0	89	5.9	3.0
AC Lotta	2.24	53.5	29.1	106	3.3	92	4.3	5.0

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1993-94

Cultivar	Yield t/ha (6)*	hl/wt kg (6)	Kernel weight g/1000 (6)	Height cm (6)	Lodging 0-9 (4)	Maturity ^a days (2)	Septoria 0-9 (5)	Leaf Rust 0-9 (4)
AC Hunter	3.71	47.5	37.5	109	4.6	90	4.2	0.0
AC Rigodon	3.75	49.6	35.8	105	3.3	90	3.6	1.6
AC Stewart	3.74	47.5	37.8	96	2.3	88	5.1	2.0
Donegal	3.47	44.4	32.6	107	3.8	89	3.1	4.4
Newman	3.14	45.1	34.0	104	5.0	87	6.1	2.5
Robert	3.73	48.6	36.7	98	3.5	89	4.7	0.0
Ultima	3.62	46.1	31.0	100	1.5	89	4.5	3.4
OA 899-2	3.57	49.2	38.5	104	3.2	89	5.0	2.8
AC Baton	2.19	54.7	27.9	105	2.0	88	5.3	3.0
AC Lotta	2.36	53.3	26.6	107	3.0	89	4.8	2.9

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA II
OATS
AGRONOMIC DATA, 1991-94**

Cultivar	Yield	hl/wt	Kernel weight	Height	Lodging	Maturity ^a	Leaf Rust	Septoria
	t/ha (12)*	kg (12)	g/1000 (12)	cm (10)	0-9 (8)	days (5)	0-9 (7)	0-9 (10)
AC Hunter	3.58	45.0	36.7	109	3.3	92	0.0	4.5
AC Rigodon	3.71	48.0	36.4	107	3.3	92	1.8	3.6
AC Stewart	3.66	45.8	37.6	92	2.6	90	1.9	5.0
Donegal	3.26	43.2	32.8	108	4.3	91	5.0	3.3
Newman	3.03	44.7	34.6	102	4.9	90	2.0	5.7
Robert	3.78	47.7	37.5	98	2.5	91	0.2	4.8
Ultima	3.51	44.8	30.9	101	2.8	92	3.7	4.5
AC Lotta	2.43	54.5	26.9	107	3.3	91	2.2	4.5

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA II
OATS
Yield in kg per ha, 1994**

Cultivar	Oxford	Huron	Middlesex I	Average			Rank
				t/ha	lb/a	bu/a	
AC Hunter	3107	4456	4318	3.96	3536	104.0	2
AC Preakness	2668	3816	3478	3.32	2965	87.2	7
AC Rigodon	3098	4395	4572	4.02	3591	105.6	1
AC Stewart	2632	3924	3840	3.47	3094	91.0	6
Donegal	2386	4118	4608	3.70	3307	97.3	5
Newman	2302	3538	2731	2.86	2551	75.0	9
Robert	3038	4202	3963	3.73	3334	98.1	4
Ultima	2736	4420	4477	3.88	3462	101.8	3
OA899-2	2707	3743	3405	3.29	2933	86.3	8
AC Baton	1540	2343	2760	2.21	1977	-	11
AC Lotta	1307	2379	3043	2.24	2003	-	10
Mean	2502	3758	3745	3.34	2978	-	-
C.V. %	7.6	5.5	8.1	7.1	-	-	-
LSD (0.05)	276	298	436	0.34	-	-	-

**TESTING AREA III
OATS
AGRONOMIC DATA, 1994**

Cultivar	Yield t/ha (1)*	hl/wt kg (1)	Kernel weight g/1000 (1)	Height cm (3)	Lodging 0-9 (2)	Maturity ^a days (1)	Leaf Rust 0-9 (1)
AC Hunter	4.12	61.1	34.4	106	3.0	96	1.0
AC Preakness	3.15	57.4	32.0	103	3.5	99	4.0
AC Rigodon	4.21	66.1	38.8	105	3.5	94	3.0
AC Stewart	3.50	59.9	39.2	94	3.5	91	5.5
Donegal	3.46	56.1	27.6	106	5.0	93	6.5
Newman	2.66	58.6	32.4	102	5.5	91	7.0
Robert	3.31	58.6	29.2	95	5.0	94	5.5
Ultima	3.37	56.1	30.4	97	3.5	93	6.0
OA899-2	3.52	59.9	37.2	104	3.0	94	6.5
AC Baton	2.17	53.6	25.2	106	3.0	92	7.0
AC Lotta	2.62	62.3	25.2	109	3.0	93	5.0

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1993-94

Cultivar	Yield t/ha (2)*	hl/wt kg (2)	Kernel weight g/1000 (2)	Height cm (4)	Lodging 0-9 (3)	Maturity ^a days (2)	Leaf Rust 0-9** (1)
AC Hunter	4.32	52.1	34.8	109	2.3	94	1.0
AC Rigodon	4.31	57.1	38.2	107	2.7	93	3.0
AC Stewart	4.27	52.7	39.4	95	2.7	91	5.5
Donegal	4.05	50.6	33.6	107	3.7	92	6.5
Newman	3.79	51.8	35.0	105	5.0	91	7.0
Robert	3.90	52.8	34.6	96	3.7	93	5.5
Ultima	4.23	50.1	34.4	98	2.7	92	6.0
OA 899-2	4.24	54.2	40.4	107	2.3	93	6.5
AC Baton	3.10	52.3	28.8	109	2.3	92	7.0
AC Lotta	3.19	54.9	25.6	115	2.3	93	5.0

^a no. of days from seeding to maturity

* no. of locations

** 1994 data only

**TESTING AREA III
OATS
AGRONOMIC DATA, 1991-94**

Cultivar	Yield t/ha (12)*	hl/wt kg (12)	Kernel weight g/1000 (11)	Height cm (14)	Lodging 0-9 (7)	Maturity ^a days (7)
AC Hunter	4.17	48.1	37.2	103	2.5	91
AC Rigodon	4.26	49.9	38.4	103	2.4	90
AC Stewart	4.08	47.7	39.6	92	1.9	89
Donegal	4.20	47.3	35.1	102	3.2	90
Newman	3.67	49.7	38.3	99	3.6	89
Robert	4.18	48.9	34.7	94	3.3	91
Ultima	4.47	47.6	34.9	97	2.3	90
AC Lotta	2.97	52.8	29.1	107	1.7	90

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA III
OATS
Yield in kg per ha, 1994**

Cultivar	Carleton I	Grenville*	Dundas*	Average			
				t/ha	lb/a	bu/a	Rank
AC Hunter	4122	2982	3457	4.12	3680	108.2	2
AC Preakness	3148	2349	2067	3.15	2811	82.7	8
AC Rigodon	4212	2613	3444	4.21	3761	110.6	1
AC Stewart	3500	2277	2313	3.50	3125	91.9	4
Donegal	3458	1259	2249	3.46	3088	90.8	5
Newman	2660	2018	1836	2.66	2375	69.9	9
Robert	3312	1937	2286	3.31	2957	87.0	7
Ultima	3372	2097	2569	3.37	3011	88.6	6
OA899-2	3521	2783	1744	3.52	3144	92.5	3
AC Baton	2173	996	710	2.17	1940	-	11
AC Lotta	2620	1161	936	2.62	2339	-	10
Mean	3282	2035	2147	3.28	2930	-	-
C.V. %	9.6	17.5	20.9	9.6	-	-	-
LSD (0.05)	454	524	662	0.45	-	-	-

* data not included in average

**TESTING AREA IV
OATS
AGRONOMIC DATA, 1994**

Cultivar	Yield	hl/wt	Kernel weight	Height	Lodging	Maturity ^a	Leaf Rust	Septoria
	t/ha (2)*	kg (2)	g/1000 (2)	cm (2)	0-9 (2)	days (1)	0-9 (2)	0-9 (1)
AC Hunter	4.29	42.7	35.9	115	4.0	97	0.0	3.0
AC Preakness	2.68	40.7	30.3	106	6.5	100	0.0	2.3
AC Rigodon	4.74	44.8	34.1	114	4.0	98	4.7	2.0
AC Stewart	3.88	40.6	36.3	98	1.5	90	4.7	3.0
Donegal	3.09	37.9	27.9	105	5.3	96	5.9	2.0
Newman	2.75	39.8	33.0	102	4.8	91	6.0	3.0
Robert	4.67	45.5	39.6	104	3.0	98	0.4	2.0
Ultima	3.68	38.8	27.1	101	3.3	99	6.0	2.7
OA899-2	3.53	43.1	32.9	105	3.5	97	6.5	2.3
AC Baton	2.35	50.3	20.2	108	2.0	91	6.0	2.3
AC Lotta	2.32	51.4	22.6	116	3.0	96	6.0	1.7

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1993-94

Cultivar	Yield	hl/wt	Kernel weight	Height	Lodging	Maturity ^a	Leaf Rust	Septoria
	t/ha (4)*	kg (4)	g/1000 (4)	cm (4)	0-9 (4)	days (2)	0-9 (3)	0-9 (2)
AC Hunter	4.48	44.5	35.2	118	2.3	99	0.0	4.0
AC Rigodon	4.79	46.3	34.4	113	2.2	99	4.4	2.5
AC Stewart	4.23	43.9	36.4	100	0.9	93	4.8	4.5
Donegal	3.72	41.5	27.7	109	3.5	97	6.6	3.0
Newman	3.48	42.4	34.2	104	3.6	95	5.7	5.0
Robert	4.71	46.9	37.1	104	1.6	100	0.2	3.0
Ultima	4.11	40.5	28.9	104	1.7	101	5.7	3.4
OA 899-2	4.05	45.6	34.6	108	2.0	99	5.7	4.2
AC Baton	2.71	53.0	22.3	112	1.2	95	6.7	4.2
AC Lotta	2.77	54.0	23.5	117	1.9	98	5.3	3.9

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA IV
OATS
AGRONOMIC DATA, 1991-94**

Cultivar	Yield t/ha (6)*	hl/wt kg (6)	Kernel weight g/1000 (6)	Height cm (7)	Lodging 0-9 (6)	Maturity ^a days** (3)	Septoria 0-9 (5)
AC Hunter	4.09	42.5	34.9	114	3.0	95	4.8
AC Rigodon	4.36	44.9	34.5	111	3.2	95	2.1
AC Stewart	4.06	41.7	37.6	96	0.8	89	3.6
Donegal	3.46	40.3	31.9	107	2.6	94	3.4
Newman	3.17	40.9	34.1	102	2.9	91	4.9
Robert	4.44	45.1	39.2	101	1.1	95	3.4
Ultima	3.75	40.7	30.0	102	1.1	96	3.6
AC Lotta	2.61	52.2	24.2	114	1.5	93	3.7

^a no. of days from seeding to maturity

* no. of locations

** 1991, 1993-94 data only

**TESTING AREA IV
OATS
Yield in kg per ha, 1994**

Cultivar	Wellington I	Wellington	Average			Rank
			t/ha	lb/a	bu/a	
AC Hunter	4435	4149	4.29	3832	112.7	3
AC Preakness	3476	1888	2.68	2395	70.4	9
AC Rigodon	4427	5047	4.74	4229	124.4	1
AC Stewart	3962	3804	3.88	3467	102.0	4
Donegal	3494	2685	3.09	2758	81.1	7
Newman	3790	1712	2.75	2456	72.2	8
Robert	4211	5132	4.67	4171	122.7	2
Ultima	4021	3337	3.68	3285	96.6	5
OA899-2	3681	3387	3.53	3155	92.8	6
AC Baton	2258	2443	2.35	2099	-	10
AC Lotta	2218	2431	2.32	2076	-	11
Mean	3634	3274	3.45	3084	-	-
C.V. %	6.2	11.7	9.0	-	-	-
LSD (0.05)	323	554	0.44	-	-	-

**TESTING AREA V
OATS
AGRONOMIC DATA, 1994**

Cultivar	Yield t/ha (2)*	hl/wt kg (4)	Kernel weight g/1000 (4)	Height cm (4)	Lodging 0-9 (2)	Maturity ^a days (3)
AC Hunter	5.35	46.0	35.3	107	4.0	103
AC Preakness	5.59	46.2	37.0	100	2.5	106
AC Rigodon	5.82	46.9	41.2	107	6.0	106
AC Stewart	5.50	44.7	39.7	96	1.5	101
Donegal	5.91	46.6	39.4	102	5.0	104
Newman	5.24	43.0	41.1	103	6.5	104
Robert	5.23	46.1	40.7	97	4.0	105
Ultima	5.62	45.6	35.7	99	2.0	105
OA899-2	5.42	47.2	41.6	102	4.0	105
AC Baton	4.15	51.8	35.5	109	1.5	102
AC Lotta	3.88	50.6	33.9	116	3.0	105

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1993-94

Cultivar	Yield t/ha (5)*	hl/wt kg (7)	Kernel weight g/1000 (7)	Height cm (8)	Lodging 0-9 (5)	Maturity ^a days (6)
AC Hunter	5.52	46.8	36.6	112	2.3	106
AC Rigodon	6.17	48.1	40.1	111	3.2	107
AC Stewart	5.58	46.2	39.8	99	1.0	104
Donegal	5.77	47.7	39.5	108	2.8	106
Newman	5.51	45.4	40.7	108	6.0	106
Robert	5.46	47.3	40.5	101	2.0	107
Ultima	5.80	47.6	35.4	103	1.0	106
OA 899-2	5.65	49.3	42.4	107	2.0	107
AC Baton	4.20	53.6	33.3	111	0.8	106
AC Lotta	4.27	52.1	32.3	116	1.4	106

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA V
OATS
AGRONOMIC DATA, 1991-94**

Cultivar	Yield t/ha (12)*	hl/wt kg (15)	Kernel weight g/1000 (14)	Height cm (17)	Lodging 0-9 (9)	Maturity ^a days (13)
AC Hunter	5.63	47.9	36.5	109	2.6	105
AC Rigodon	6.13	49.4	38.9	107	3.1	104
AC Stewart	5.23	46.3	38.3	93	1.5	102
Donegal	5.89	47.7	38.2	105	3.0	105
Newman	5.17	47.2	38.2	102	5.2	104
Robert	5.51	48.1	39.1	98	2.1	104
Ultima	5.98	47.9	34.3	100	1.6	104
AC Lotta	4.10	53.9	31.9	111	2.2	104

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA V
OATS
Yield in kg per ha, 1994**

Cultivar	Nipissing		Thunder Bay	Rainy River		Average		
	District	Temiskaming*		District*	t/ha	lb/a	bu/a	Rank
AC Hunter	4056	4163	6645	4306	5.35	4777	140.5	7
AC Preakness	4038	3231	7138	5351	5.59	4989	146.7	4
AC Rigodon	4727	5636	6907	4754	5.82	5194	152.8	2
AC Stewart	4613	5312	6380	4309	5.50	4908	144.3	5
Donegal	4895	6105	6925	5323	5.91	5277	155.2	1
Newman	4420	4659	6053	4295	5.24	4675	137.5	8
Robert	4041	4418	6423	4519	5.23	4671	137.4	9
Ultima	3762	4600	7477	5129	5.62	5017	147.6	3
OA899-2	4470	5630	6365	4571	5.42	4837	142.3	6
AC Baton	3527	3001	4779	3430	4.15	3708	-	10
AC Lotta	3543	2898	4217	3247	3.88	3464	-	11
Mean	4190	4514	6301	4476	5.25	4683	-	-
C.V. %	14.6	16.2	9.8	15.8	12.2	-	-	-
LSD (0.05)	N/S	1054	892	1020	-	-	-	-

* data not included in average

**TESTING AREA VI
OATS
AGRONOMIC DATA, 1994**

Cultivar	Yield t/ha (1)*	hl/wt kg (1)	Kernel weight g/1000 (1)	Height cm (1)	Lodging 0-9 (1)	Maturity ^a days (1)
AC Hunter	4.93	52.0	35.3	106	3.0	113
AC Preakness	5.05	49.6	30.4	103	3.0	116
AC Rigodon	4.79	51.6	35.0	99	3.3	114
AC Stewart	4.18	46.4	35.8	76	3.0	113
Donegal	4.77	48.0	36.2	101	3.0	115
Newman	3.85	49.2	34.5	89	3.3	114
Robert	4.59	47.1	36.0	95	2.5	116
Ultima	4.75	50.3	32.6	95	3.0	115
OA899-2	4.09	52.3	39.3	91	3.5	116
AC Baton	3.38	61.6	32.7	100	3.0	115
AC Lotta	2.81	58.4	27.2	98	3.3	115

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1993-94

Cultivar	Yield t/ha (2)*	hl/wt kg (2)	Kernel weight g/1000 (2)	Height cm (2)	Lodging 0-9 (2)	Maturity ^a days (2)
AC Hunter	5.24	52.8	35.0	108	3.0	113
AC Rigodon	5.12	52.4	37.4	103	3.1	114
AC Stewart	4.25	49.6	38.8	84	2.9	111
Donegal	5.23	49.3	36.3	106	2.9	114
Newman	3.99	52.1	35.6	98	3.3	113
Robert	5.26	48.5	36.7	104	1.8	114
Ultima	5.15	51.6	33.1	103	2.3	113
OA 899-2	4.49	53.5	39.3	102	2.4	115
AC Baton	3.48	63.4	35.3	106	2.5	112
AC Lotta	3.04	60.2	30.1	105	2.7	115

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA VI
OATS
AGRONOMIC DATA, 1991-94**

Cultivar	Yield t/ha (4)*	hl/wt kg (4)	Kernel weight g/1000 (4)	Height cm (4)	Lodging 0-9 (4)	Maturity ^a days (4)
AC Hunter	5.62	53.0	35.9	104	3.0	112
AC Rigodon	5.51	53.1	38.3	100	2.8	113
AC Stewart	4.85	49.7	39.3	86	2.1	108
Donegal	5.75	51.1	38.9	102	2.8	112
Newman	4.62	53.4	37.6	96	2.9	109
Robert	5.43	50.3	39.0	97	1.8	113
Ultima	5.54	52.7	34.6	98	2.3	112
AC Lotta	3.71	60.5	31.8	105	2.4	112

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA VI
OATS
Yield in kg per ha, 1994**

Cultivar	Cochrane	Average			Rank
		t/ha	lb/a	bu/a	
AC Hunter	4927	4.93	4399	129.4	2
AC Preakness	5047	5.05	4506	132.5	1
AC Rigodon	4788	4.79	4275	125.7	3
AC Stewart	4179	4.18	3731	109.7	7
Donegal	4770	4.77	4259	125.3	4
Newman	3847	3.85	3435	101.0	9
Robert	4585	4.59	4094	120.4	6
Ultima	4751	4.75	4242	124.8	5
OA899-2	4087	4.09	3649	107.3	8
AC Baton	3377	3.38	3015	-	10
AC Lotta	2814	2.81	2513	-	11
Mean	4288	4.29	-	-	-
C.V. %	8.0	8.0	-	-	-
LSD (0.05)	4.94	0.49	-	-	-

DESCRIPTION OF CULTIVARS IN RECOMMENDATION TESTS, 1994**WINTER BARLEY**

- OAC Elmira - a six-rowed, rough awned, high yielding Guelph selection from the cross WB74-69//WB74-69/Huron with good scald, mildew and leaf rust resistance. Good tolerance to BYDV. Registered in 1987.
- OAC Halton - a six-rowed rough awned, high yielding Guelph selection from the cross WB3-20/Purdue B466-7-4, resistant to mildew, tolerant to net blotch, susceptible to BYDV. No longer registered for sale in Canada.
- OAC Acton - a six-rowed, rough awned, high yielding Guelph selection from the cross WB74-69//WB74-69/Huron with improved scald and net blotch resistance. It is susceptible to new mildew races, tolerant to BYDV. Registered in 1984, deregistered in 1994.
- Huron - a six-rowed, early, rough awned Guelph selection with good lodging resistance and good winter hardiness. Resistant to mildew, tolerant to scald, net blotch and leaf rust. No longer registered for sale in Canada.

**WINTER BARLEY
TESTING AREA I SUMMARY 1994**

NO DATA

**WINTER BARLEY
TESTING AREA II SUMMARY, 1994**

Cultivar	Yield t/ha (3)*	h/wt kg (3)	Kernel weight g/1000 (3)	Winter Survival 0-9 (1)	Height cm (2)	Lodging 0-9 (2)	Date		Scald 0-9 (1)
							Head (2)	Ripe (1)	
OAC Elmira	4.37	63.3	35.2	8	104	1.4	June 8	July 6	0.0
OAC Halton	3.83	61.0	33.9	9	93	2.5	7	5	7.0
OAC Acton	4.37	59.7	38.4	9	96	2.2	8	5	3.5
Huron	3.71	61.6	34.9	7	96	2.9	6	3	4.5

* no. of locations

AGRONOMIC DATA, 1985-94

Cultivar	Yield t/ha		h/wt kg	Height cm	Lodging 0-9	Winter Survival*** 0-9
	Area I** (17)*	Area II (28)				
OAC Elmira	4.95	4.56	62.4	106	2.5	7.6
OAC Halton	4.70	4.17	61.5	95	3.7	8.3
OAC Acton	4.52	4.08	59.5	102	4.0	8.3
Huron	4.33	3.91	61.8	96	3.2	7.2

* No. of locations; ** 1985-93 data only; *** 1985-90, 1992-94 data only

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

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LEGEND

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

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

LOCATIONS ABBREVIATIONS

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

DESCRIPTION OF REGISTERED VARIETIES

HARUS:

FREDRICK/YORKSTAR - FROM AGRICULTURE CANADA, HARROW RESEARCH STATION. GOOD YIELDING, SOFT WHITE, WITH FAIR MILLING AND GOOD BAKING QUALITY. SHORT, LODGING RESISTANT, AND EARLY. SOME RESISTANCE TO WHEAT SPINDLE STREAK MOSAIC VIRUS. HIGH TEST WEIGHT. SUSCEPTIBLE TO GLUME BLOTCH.

REBECCA, (TW839.3):

1A36.78.72(COLORADO COMPOSITE)/HOUSER - FROM W.G. THOMPSON & SONS LTD. BEARDED SOFT WHITE TYPE WITH GOOD MILLING AND BAKING QUALITY. VERY HIGH YIELDING IN AREAS 1 AND 2. A SHORT, STRONG STRAWED VARIETY WITH LOW SCORES FOR SEPTORIA, GLUME BLOTCH, AND HEAD BLIGHT. SUSCEPTIBLE TO LEAF RUST.

ZAVITZ, (OAC85-7s)

HOUSER/NY629817 - FROM O.A.C., UNIVERSITY OF GUELPH. A HIGH YIELDING SOFT WHITE WHEAT WITH A VERY HIGH THOUSAND KERNEL WEIGHT. TENDANCY FOR HIGHER GRAIN AND FLOUR PROTEIN LEVELS. GOOD COOKIE SPREAD. GOOD RATINGS FOR MOST PREVALENT WHEAT DISEASES. SUSCEPTIBLE TO SEPTORIA. MARKETED BY FIRST LINE SEEDS LTD.

KARENA, (TW85.108)

AUGUSTA/H11(HARUS BULK) - FROM W.G. THOMPSON & SONS LTD. A HIGH YIELDING, WHITE CHAFFED, APICALLY AWNLETTED SOFT WHITE VARIETY WITH VERY STRONG STRAW. LOW FLOUR PROTEIN CONTENT AND ACCEPTABLE BAKING QUALITY. GOOD MILDEW AND SSMV SCORES.

AC RON, (H212.8)

HARUS/AUGUSTA - FROM AGRICULTURE CANADA, HARROW RESEARCH STATION. SOFT WHITE VARIETY WITH GOOD MILLING AND BAKING QUALITY. HIGH YIELDING IN ALL AREAS TESTED. BELOW AVERAGE INCIDENCE OF LODGING, GLUME BLOTCH, AND BYDV. RESISTANT TO HESSIAN FLY. SUSCEPTIBLE TO HEAD BLIGHT.

OAC87:22,

FREDERICK/YORKSTAR - FROM O.A.C., UNIVERSITY OF GUELPH. A HIGH YIELDING SOFT WHITE WHEAT WITH HIGH TEST WEIGHT. LOW GRAIN AND FLOUR PROTEIN LEVELS. GOOD RATINGS FOR MOST PREVALENT WHEAT DISEASES, HOWEVER, SUSCEPTIBLE TO LEAF RUST.

DELAWARE, (TW86.168)

FRANKENMUTH/FREDRICK - FROM W.G. THOMPSON & SONS LTD. A HIGH YIELDING SOFT WHITE VARIETY WITH A HIGH THOUSAND KERNEL WEIGHT AND GOOD MILLING AND BAKING QUALITY. GOOD POWDERY MILDEW, SEPTORIA, AND GLUME BLOTCH SCORES. SUSCEPTIBLE TO LEAF RUST.

CASEY, (TW86-312)

FREDERICK/O-459-2//AUGUSTA/O-472-3 - FROM W.G. THOMPSON & SONS LTD. A HIGH YIELDING SOFT RED VARIETY WITH GOOD MILLING AND BAKING QUALITY. SHORT, STRONG STRAWED WHEAT WITH BETTER THAN AVERAGE LEAF RUST AND BYDV SCORES. FULLY REGISTERED FOR SALE IN EASTERN CANADA.

DIANA, (TW88.225)

IONIA/2*TICONDEROGA//AUG - FROM W.G. THOMPSON & SONS LTD. A HIGH YIELDING SOFT WHITE VARIETY WITH GOOD MILLING AND BAKING QUALITY. GOOD BARLEY YELLOW DWARF VIRUS RESISTANCE AND STRONG STRAWED. HAS A THREE YEAR INTERIM REGISTRATION FOR CANADA.

MARILEE, (TW89204)

FROM W.G. THOMPSON & SONS LTD. REGISTERED IN 1994. A HIGH YIELDING SOFT WHITE VARIETY WITH GOOD MILLING AND BAKING QUALITY. GOOD BYDV RESISTANCE AND STRONG STRAWED.

H223.24.3

FUNDULEA/HARUS - FROM AGRICULTURE CANADA, HARROW RESEARCH STATION. SOFT RED WHEAT. DROPPED FROM RECOMMENDATION TESTING.

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR(S): 89-94
 AREA : 1

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	HW89N	RN89N	ID89N	MH89N	RN90N	WE91N	HW91N	RN91N	MH91N	HW92N
1 HARUS	4.48	3.98	4.64	4.89	4.44	2.82	3.35	3.92	3.74	6.35
2 REBECCA	4.80	3.50	4.62	4.83	5.08	3.05	3.96	4.13	3.49	5.95
3 ZAVITZ	4.07	4.32	3.86	5.13	4.69	3.65	3.89	4.13	4.08	6.34
4 KARENA	4.76	3.14	4.10	5.80	4.45	2.51	4.18	3.84	3.90	6.39
5 AC RON	4.19	3.36	4.96	4.77	4.80	2.70	3.67	4.05	3.74	6.87
6 OAC87W.22	3.64	3.07	4.31	4.38	4.54	3.09	3.65	3.63	3.48	7.01
7 DELAWARE	3.78	3.81	5.00	4.89	5.04	3.23	3.45	3.84	3.72	6.27
LOCATION MEAN	4.25	3.60	4.50	4.96	4.72	3.01	3.74	3.93	3.74	6.45

KEY NAME	WE92N	RN92N	MH92N	ID92N	RN93N	HW94N	RN94N	ID94N	MEAN
1 HARUS	7.17	7.28	6.87	5.85	4.45	4.80	5.49	5.32	4.99
2 REBECCA	7.59	7.56	6.74	6.24	4.21	6.00	5.23	5.47	5.14
3 ZAVITZ	6.00	7.25	6.14	5.58	4.36	5.60	4.73	4.75	4.92
4 KARENA	6.99	7.45	5.69	6.13	4.14	5.30	5.17	5.29	4.96
5 AC RON	7.50	8.18	6.39	6.38	4.30	5.20	5.07	5.68	5.10
6 OAC87W.22	8.14	7.60	7.06	6.17	4.38	5.30	5.03	5.27	4.99
7 DELAWARE	7.25	7.73	7.05	6.15	4.10	5.30	4.86	5.17	5.04
LOCATION MEAN	7.23	7.58	6.56	6.07	4.28	5.36	5.08	5.28	5.02

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	HW89N	RN89N	ID89N	MH89N	RN90N	WE91N	HW91N	RN91N	MH91N	HW92N
1 HARUS	106	111	103	99	94	94	90	100	100	98
2 REBECCA	113	97	103	97	108	101	106	105	93	92
3 ZAVITZ	96	120	86	104	99	121	104	105	109	98
4 KARENA	112	87	91	117	94	83	112	98	104	99
5 AC RON	99	93	110	96	102	90	98	103	100	106
6 OAC87W.22	86	85	96	88	96	103	98	92	93	109
7 DELAWARE	89	106	111	99	107	107	92	98	100	97
LOCATION MEAN	4.25	3.60	4.50	4.96	4.72	3.01	3.74	3.93	3.74	6.45

KEY NAME	WE92N	RN92N	MH92N	ID92N	RN93N	HW94N	RN94N	ID94N	MEAN*
1 HARUS	99	96	105	96	104	90	108	101	100
2 REBECCA	105	100	103	103	98	112	103	104	102
3 ZAVITZ	83	96	94	92	102	105	93	90	100
4 KARENA	97	98	87	101	97	99	102	100	99
5 AC RON	104	108	97	105	101	97	100	108	101
6 OAC87W.22	113	100	108	102	102	99	99	100	98
7 DELAWARE	100	102	107	101	96	99	96	98	100
LOCATION MEAN	7.23	7.58	6.56	6.07	4.28	5.36	5.08	5.28	5.02

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 89-94
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	NN89N	LN89N	WK89N	EA89N	NN90N	LN90N	WK90N	EA90N	BH90N	NN91N
1 HARUS	3.93	4.91	5.99	6.06	5.34	4.81	3.43	6.14	4.46	3.98
2 REBECCA	3.44	5.19	5.62	6.89	5.44	4.71	4.40	6.89	5.08	4.45
3 ZAVITZ	3.59	4.95	6.02	6.20	5.61	4.55	3.58	6.14	4.53	4.07
4 KARENA	3.89	5.19	5.82	6.19	5.93	4.13	3.98	6.79	4.94	4.20
5 AC RON	3.73	4.90	6.62	6.20	5.79	4.48	3.85	6.57	5.51	4.44
6 OAC87W.22	3.77	5.02	5.38	6.51	5.61	4.20	3.51	6.50	4.76	4.47
7 DELAWARE	3.68	5.12	5.86	6.81	5.75	4.82	3.85	7.08	4.96	4.29
LOCATION MEAN	3.72	5.04	5.90	6.41	5.64	4.53	3.80	6.59	4.89	4.27

KEY NAME	WK91N	EA91N	BH91N	NN92N	LN92N	WK92N	EA92N	BH92N	WP93N	NN93N
1 HARUS	5.75	6.17	4.91	6.14	6.72	7.93	8.04	4.98	3.30	5.54
2 REBECCA	6.36	5.80	4.56	5.49	7.55	7.64	8.57	4.94	2.92	5.31
3 ZAVITZ	6.43	6.52	4.80	5.94	6.57	6.74	8.10	4.59	3.11	4.98
4 KARENA	6.70	6.70	4.67	5.43	7.18	7.29	8.01	4.97	3.15	5.43
5 AC RON	7.07	6.58	5.18	6.76	7.26	7.19	8.60	5.90	3.03	5.50
6 OAC87W.22	6.08	5.76	4.69	6.56	7.24	8.19	7.57	5.23	2.94	5.34
7 DELAWARE	5.97	5.83	5.05	5.94	7.34	7.70	8.66	5.10	2.83	5.60
LOCATION MEAN	6.34	6.19	4.84	6.04	7.12	7.53	8.22	5.10	3.04	5.39

KEY NAME	LN93N	EA93N	HN93N	BH93N	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	MEAN
1 HARUS	3.76	4.66	4.03	5.19	6.09	5.17	5.42	5.81	5.48	3.38	5.25
2 REBECCA	3.60	4.70	3.65	4.41	6.83	5.25	6.17	6.17	5.55	4.24	5.39
3 ZAVITZ	3.92	4.65	3.61	4.24	6.22	4.71	5.29	6.22	5.68	4.28	5.19
4 KARENA	3.43	4.53	2.76	4.38	6.30	5.26	5.30	5.98	5.56	4.59	5.29
5 AC RON	3.90	4.70	2.95	4.94	6.56	5.41	5.63	6.25	5.64	4.63	5.53
6 OAC87W.22	3.51	4.77	2.91	4.41	5.90	5.05	5.83	5.82	5.26	5.21	5.27
7 DELAWARE	3.85	4.60	3.51	4.39	6.47	5.28	5.90	6.55	5.13	4.37	5.41
LOCATION MEAN	3.71	4.66	3.35	4.57	6.34	5.16	5.65	6.11	5.47	4.39	5.33

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

DATA EXPRESSED RELATIVE TO LOCATION MEANS

TRAIT : YIELD
 YEAR(S) : 89-94
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	NN89N	LN89N	WK89N	EA89N	NN90N	LN90N	WK90N	EA90N	BH90N	NN91N
1 HARUS	106	97	102	95	95	106	90	93	91	93
2 REBECCA	93	103	95	108	96	104	116	105	104	104
3 ZAVITZ	97	98	102	97	99	100	94	93	93	95
4 KARENA	105	103	99	97	105	91	105	103	101	98
5 AC RON	100	97	112	97	103	99	101	100	113	104
6 OAC87W.22	101	100	91	102	99	93	92	99	97	105
7 DELAWARE	99	102	99	106	102	106	101	107	101	100
LOCATION MEAN	3.72	5.04	5.90	6.41	5.64	4.53	3.80	6.59	4.89	4.27

KEY NAME	WK91N	EA91N	BH91N	NN92N	LN92N	WK92N	EA92N	BH92N	WP93N	NN93N
1 HARUS	91	100	102	102	94	105	98	98	109	103
2 REBECCA	100	94	94	91	106	102	104	97	96	99
3 ZAVITZ	101	105	99	98	92	90	99	90	102	92
4 KARENA	106	108	97	90	101	97	97	97	104	101
5 AC RON	112	106	107	112	102	96	105	116	100	102
6 OAC87W.22	96	93	97	109	102	109	92	103	97	99
7 DELAWARE	94	94	104	98	103	102	105	100	93	104
LOCATION MEAN	6.34	6.19	4.84	6.04	7.12	7.53	8.22	5.10	3.04	5.39

KEY NAME	LN93N	EA93N	HN93N	BH93N	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	MEAN*
1 HARUS	101	100	120	114	96	100	96	95	100	77	99
2 REBECCA	97	101	109	97	108	102	109	101	101	97	101
3 ZAVITZ	106	100	108	93	98	91	94	102	104	98	98
4 KARENA	92	97	82	96	99	102	94	98	102	105	99
5 AC RON	105	101	88	108	103	105	100	102	103	106	103
6 OAC87W.22	95	102	87	97	93	98	103	95	96	119	99
7 DELAWARE	104	99	105	96	102	102	104	107	94	100	101
LOCATION MEAN	3.71	4.66	3.35	4.57	6.34	5.16	5.65	6.11	5.47	4.39	5.33

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 89-94**
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	O289N	KE90N	KE91N	O193N	KE93N	O194N	KE94N	MEAN
1 HARUS	3.02	3.78	2.61	3.90	5.93	7.32	4.42	4.43
2 REBECCA	2.43	4.60	2.53	3.93	6.18	7.05	4.71	4.49
3 ZAVITZ	3.02	4.51	3.05	5.12	6.64	7.52	5.06	4.99
4 KARENA	3.14	4.78	2.64	4.86	6.14	7.61	5.01	4.88
5 AC RON	4.06	4.44	2.44	4.30	6.03	7.68	5.11	4.87
6 OAC87W.22	3.93	5.22	2.86	4.96	5.70	6.52	4.29	4.78
7 DELAWARE	3.47	5.10	2.75	5.15	5.77	7.09	4.11	4.78
LOCATION MEAN	3.30	4.63	2.70	4.60	6.06	7.26	4.67	4.74

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O289N	KE90N	KE91N	O193N	KE93N	O194N	KE94N	MEAN*
1 HARUS	92	82	97	85	98	101	95	93
2 REBECCA	74	99	94	85	102	97	101	93
3 ZAVITZ	92	97	113	111	110	104	108	105
4 KARENA	95	103	98	106	101	105	107	102
5 AC RON	123	96	90	93	100	106	109	103
6 OAC87W.22	119	113	106	108	94	90	92	103
7 DELAWARE	105	110	102	112	95	98	88	101
LOCATION MEAN	3.30	4.63	2.70	4.60	6.06	7.26	4.67	4.74

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

** THERE ARE NO DATA FOR AREA 3 LOCATIONS IN 1992

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 89-94 +
 AREA : 1-3
 MGMT : NORMAL

KEY NAME	AREA 1 (18)*	AREA 2 (30)	AREA 3 (7)	PROVINCE (55)**
1 HARUS	4.99	5.25	4.43	5.06
2 REBECCA	5.14	5.39	4.49	5.19
3 ZAVITZ	4.92	5.19	4.99	5.08
4 KARENA	4.96	5.29	4.88	5.13
5 AC RON	5.10	5.53	4.87	5.30
6 OAC87:22	4.99	5.27	4.78	5.11
7 DELAWARE	5.04	5.41	4.78	5.21
OVERALL MEAN	5.02	5.33	4.74	5.16

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1	AREA 2	AREA 3	PROVINCE
1 HARUS	99.6	98.9	92.6	98.3
2 REBECCA	102.4	101.0	93.2	100.5
3 ZAVITZ	99.8	97.7	105.0	99.3
4 KARENA	98.8	99.0	102.2	99.4
5 AC RON	100.9	103.4	102.5	102.5
6 OAC87:22	98.2	98.6	103.1	99.1
7 DELAWARE	100.3	101.2	101.5	100.9
OVERALL MEAN	5.02	5.33	4.74	5.16

+ THERE ARE NO DATA FOR AREA 3 LOCATIONS IN 1992
 * # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

YEAR(S): 89-94
 MGMT : NORMAL
 AREA : 1

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 HARUS	4	4.99	73.4	36	93	1.7	101	154	2.0	3.5	3.4	4.5	2.3	.	3.1
2 REBECCA	1	5.14	72.1	36	84	2.2	98	155	2.5	4.3	2.9	2.4	1.7	.	3.4
3 ZAVITZ	7	4.92	71.1	41	91	2.1	105	156	2.2	1.7	3.0	2.2	1.5	.	2.2
4 KARENA	6	4.96	72.2	36	89	1.8	104	155	1.6	2.9	3.0	3.6	2.0	.	2.4
5 AC RON	2	5.10	70.9	35	90	1.9	104	155	2.5	3.7	2.9	3.2	2.5	.	2.4
6 OAC87W.22	4	4.99	73.1	33	91	2.3	95	156	2.2	4.5	3.8	4.0	1.4	.	2.8
7 DELAWARE	3	5.04	69.0	38	90	3.8	98	157	1.3	4.1	3.1	2.1	2.0	.	3.3
LOCATIONS		18	13	9	3	13	21	19	15	12	6	5	6	0	5

YIELD AVERAGES WERE BASED ON DATA FROM:
 1989: HARROW, RIDGETOWN, INWOOD, MORPETH.
 1990: RIDGETOWN.
 1991: HARROW, WOODSLEE, RIDGETOWN, MORPETH.
 1992: HARROW, WOODSLEE, RIDGETOWN, MORPETH, INWOOD.
 1993: RIDGETOWN.
 1994: HARROW, RIDGETOWN, INWOOD.

YEAR(S): 89-94
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 HARUS	6	5.25	72.9	35	94	1.0	99	162	2.3	5.0	3.7	5.9	2.4	2.0	1.8
2 REBECCA	3	5.39	71.1	36	95	1.1	96	163	2.8	5.4	3.2	2.0	2.7	3.6	2.0
3 ZAVITZ	7	5.19	70.1	40	96	2.1	103	163	2.6	3.5	3.8	2.7	1.8	2.6	2.0
4 KARENA	4	5.29	71.3	35	95	1.4	102	162	2.1	4.7	3.3	3.6	3.0	2.7	2.4
5 AC RON	1	5.53	71.1	35	96	1.8	101	162	3.3	5.4	3.3	3.3	4.4	1.6	2.1
6 OAC87W.22	5	5.27	70.8	32	95	1.5	95	163	2.8	6.1	3.6	3.5	3.7	1.6	1.7
7 DELAWARE	2	5.41	69.2	38	96	3.2	97	164	1.8	6.2	3.2	2.8	3.1	3.3	2.0
LOCATIONS		30	31	29	16	20	30	21	13	8	14	5	3	2	4

YIELD AVERAGES WERE BASED ON DATA FROM:
 1989: NAIRN, LONDON, WOODSTOCK, ELORA .
 1990: NAIRN, LONDON, WOODSTOCK, ELORA, BATH.
 1991: NAIRN, WOODSTOCK, ELORA, BATH.
 1992: NAIRN, LONDON, WOODSTOCK, ELORA, BATH.
 1993: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.
 1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

YEAR(S): 89-94**
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 HARUS	7	4.43	78.4	39	62	1.2	96	169	4.7	8.0	5.5	.	.	.	.
2 REBECCA	6	4.49	77.2	39	70	1.5	94	169	5.3	8.0	4.0	.	.	.	.
3 ZAVITZ	1	4.99	76.3	45	71	1.4	101	170	4.8	8.0	5.5	.	.	.	.
4 KARENA	2	4.88	78.8	39	69	1.2	101	169	3.7	8.0	2.5	.	.	.	.
5 AC RON	3	4.87	77.0	39	69	1.3	100	169	5.7	8.0	3.0	.	.	.	.
6 OAC87W.22	4	4.78	79.4	37	71	2.6	94	170	4.0	7.0	6.5	.	.	.	.
7 DELAWARE	4	4.78	75.5	43	67	3.0	92	171	3.9	8.0	2.0	.	.	.	.
LOCATIONS	7	11	11	10	5	11	8	2	1	1	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1989: OTTAWA-2

1990: KEMPTVILLE.

1991: KEMPTVILLE

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

1993: KEMPTVILLE, OTTAWA-1.

1994: KEMPTVILLE, OTTAWA-1.

YEAR(S): 89-94
 MGMT : NORMAL
 AREA(S): 1- 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 HARUS	7	5.06	74.1	36	83	1.3	99	160	2.3	4.3	3.7	5.2	2.3	2.0	2.5
2 REBECCA	3	5.19	72.6	36	86	1.6	96	161	2.8	4.9	3.1	2.2	2.0	3.6	2.8
3 ZAVITZ	6	5.08	71.6	41	87	2.0	103	162	2.5	2.7	3.6	2.5	1.6	2.6	2.1
4 KARENA	4	5.13	73.1	36	85	1.5	103	160	1.9	3.8	3.2	3.6	2.4	2.7	2.4
5 AC RON	1	5.30	72.3	36	86	1.8	102	160	3.1	4.5	3.2	3.3	3.1	1.6	2.2
6 OAC87W.22	5	5.11	73.1	33	86	1.9	95	161	2.6	5.2	3.8	3.7	2.1	1.6	2.3
7 DELAWARE	2	5.21	70.4	39	86	3.4	97	162	1.7	5.1	3.1	2.4	2.3	3.3	2.7
LOCATIONS	55	55	49	29	38	62	48	30	21	21	10	9	2	9	9

YIELD AVERAGES WERE BASED ON DATA FROM:

1989: HARROW, RIDGETOWN, INWOOD, MORPETH, NAIRN, LONDON, WOODSTOCK, ELORA, OTTAWA-2

1990: RIDGETOWN, NAIRN, LONDON, WOODSTOCK, ELORA, BATH, KEMPTVILLE.

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

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

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

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

* DAYS FROM JAN.1

** THERE ARE NO DATA FOR AREA 3 LOCATIONS IN 1992

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 91-94
 AREA : 1

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WE91N	HW91N	RN91N	MH91N	HW92N	WE92N	RN92N	MH92N	ID92N	RN93N
1 HARUS	2.82	3.35	3.92	3.74	6.35	7.17	7.28	6.87	5.85	4.45
2 REBECCA	3.05	3.96	4.13	3.49	5.95	7.59	7.56	6.74	6.24	4.21
3 ZAVITZ	3.65	3.89	4.13	4.08	6.34	6.00	7.25	6.14	5.58	4.36
4 KARENA	2.51	4.18	3.84	3.90	6.39	6.99	7.45	5.69	6.13	4.14
5 AC RON	2.70	3.67	4.05	3.74	6.87	7.50	8.18	6.39	6.38	4.30
6 OAC87W.22	3.09	3.65	3.63	3.48	7.01	8.14	7.60	7.06	6.17	4.38
7 DELAWARE	3.23	3.45	3.84	3.72	6.27	7.25	7.73	7.05	6.15	4.10
8 DIANA	3.46	4.31	4.12	3.62	7.39	7.61	8.26	6.84	5.89	4.27
LOCATION MEAN	3.06	3.81	3.96	3.72	6.57	7.28	7.66	6.60	6.05	4.28

KEY NAME	HW94N	RN94N	ID94N	MEAN
1 HARUS	4.80	5.49	5.32	5.19
2 REBECCA	6.00	5.23	5.47	5.36
3 ZAVITZ	5.60	4.73	4.75	5.12
4 KARENA	5.30	5.17	5.29	5.15
5 AC RON	5.20	5.07	5.68	5.36
6 OAC87W.22	5.30	5.03	5.27	5.37
7 DELAWARE	5.30	4.86	5.17	5.24
8 DIANA	5.30	5.53	5.18	5.52
LOCATION MEAN	5.35	5.14	5.27	5.29

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WE91N	HW91N	RN91N	MH91N	HW92N	WE92N	RN92N	MH92N	ID92N	RN93N
1 HARUS	92	88	99	101	97	98	95	104	97	104
2 REBECCA	100	104	104	94	91	104	99	102	103	98
3 ZAVITZ	119	102	104	110	96	82	95	93	92	102
4 KARENA	82	110	97	105	97	96	97	86	101	97
5 AC RON	88	96	102	101	105	103	107	97	105	101
6 OAC87W.22	101	96	92	94	107	112	99	107	102	102
7 DELAWARE	105	91	97	100	95	100	101	107	102	96
8 DIANA	113	113	104	97	112	105	108	104	97	100
LOCATION MEAN	3.06	3.81	3.96	3.72	6.57	7.28	7.66	6.60	6.05	4.28

KEY NAME	HW94N	RN94N	ID94N	MEAN*
1 HARUS	90	107	101	98
2 REBECCA	112	102	104	101
3 ZAVITZ	105	92	90	99
4 KARENA	99	101	100	98
5 AC RON	97	99	108	101
6 OAC87W.22	99	98	100	101
7 DELAWARE	99	95	98	99
8 DIANA	99	108	98	104
LOCATION MEAN	5.35	5.14	5.27	5.29

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 91-94
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	NN91N	WK91N	EA91N	BH91N	NN92N	LN92N	WK92N	EA92N	BH92N	WP93N	NN93N
1 HARUS	3.98	5.75	6.17	4.91	6.14	6.72	7.93	8.04	4.98	3.30	5.54
2 REBECCA	4.45	6.36	5.80	4.56	5.49	7.55	7.64	8.57	4.94	2.92	5.31
3 ZAVITZ	4.07	6.43	6.52	4.80	5.94	6.57	6.74	8.10	4.59	3.11	4.98
4 KARENA	4.20	6.70	6.70	4.67	5.43	7.18	7.29	8.01	4.97	3.15	5.43
5 AC RON	4.44	7.07	6.58	5.18	6.76	7.26	7.19	8.60	5.90	3.03	5.50
6 OAC87W.22	4.47	6.08	5.76	4.69	6.56	7.24	8.19	7.57	5.23	2.94	5.34
7 DELAWARE	4.29	5.97	5.83	5.05	5.94	7.34	7.70	8.66	5.10	2.83	5.60
8 DIANA	4.84	6.44	5.82	4.60	6.61	6.98	7.95	8.76	5.11	2.78	5.23
LOCATION MEAN	4.34	6.35	6.15	4.81	6.11	7.10	7.58	8.29	5.10	3.01	5.37

KEY NAME	LN93N	EA93N	HN93N	BH93N	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	MEAN
1 HARUS	3.76	4.66	4.03	5.19	6.09	5.17	5.42	5.81	5.48	3.38	5.35
2 REBECCA	3.60	4.70	3.65	4.41	6.83	5.25	6.17	6.17	5.55	4.24	5.44
3 ZAVITZ	3.92	4.65	3.61	4.24	6.22	4.71	5.29	6.22	5.68	4.28	5.27
4 KARENA	3.43	4.53	2.76	4.38	6.30	5.26	5.30	5.98	5.56	4.59	5.32
5 AC RON	3.90	4.70	2.95	4.94	6.56	5.41	5.63	6.25	5.64	4.63	5.62
6 OAC87W.22	3.51	4.77	2.91	4.41	5.90	5.05	5.83	5.82	5.26	5.21	5.37
7 DELAWARE	3.85	4.60	3.51	4.39	6.47	5.28	5.90	6.55	5.13	4.37	5.45
8 DIANA	3.78	4.48	2.99	5.18	6.38	5.46	6.01	6.27	5.16	4.73	5.50
LOCATION MEAN	3.72	4.64	3.30	4.64	6.34	5.20	5.69	6.13	5.43	4.43	5.42

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NN91N	WK91N	EA91N	BH91N	NN92N	LN92N	WK92N	EA92N	BH92N	WP93N	NN93N
1 HARUS	92	91	100	102	101	95	105	97	98	110	103
2 REBECCA	102	100	94	95	90	106	101	103	97	97	99
3 ZAVITZ	94	101	106	100	97	92	89	98	90	103	93
4 KARENA	97	106	109	97	89	101	96	97	97	105	101
5 AC RON	102	111	107	108	111	102	95	104	116	101	102
6 OAC87W.22	103	96	94	98	107	102	108	91	102	98	100
7 DELAWARE	99	94	95	105	97	103	102	104	100	94	104
8 DIANA	111	101	95	96	108	98	105	106	100	92	97
LOCATION MEAN	4.34	6.35	6.15	4.81	6.11	7.10	7.58	8.29	5.10	3.01	5.37

KEY NAME	LN93N	EA93N	HN93N	BH93N	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	MEAN*
1 HARUS	101	101	122	112	96	99	95	95	101	76	100
2 REBECCA	97	101	111	95	108	101	108	101	102	96	100
3 ZAVITZ	105	100	109	91	98	91	93	101	105	97	98
4 KARENA	92	98	84	94	99	101	93	97	102	104	98
5 AC RON	105	101	89	106	103	104	99	102	104	105	104
6 OAC87W.22	94	103	88	95	93	97	102	95	97	118	99
7 DELAWARE	104	99	106	95	102	102	104	107	94	99	100
8 DIANA	102	97	91	112	101	105	106	102	95	107	101
LOCATION MEAN	3.72	4.64	3.30	4.64	6.34	5.20	5.69	6.13	5.43	4.43	5.42

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR(S): 91-94**
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	KE91N	O193N	KE93N	O194N	KE94N	MEAN
1 HARUS	2.61	3.90	5.93	7.32	4.42	4.84
2 REBECCA	2.53	3.93	6.18	7.05	4.71	4.88
3 ZAVITZ	3.05	5.12	6.64	7.52	5.06	5.48
4 KARENA	2.64	4.86	6.14	7.61	5.01	5.25
5 AC RON	2.44	4.30	6.03	7.68	5.11	5.11
6 OAC87W.22	2.86	4.96	5.70	6.52	4.29	4.87
7 DELAWARE	2.75	5.15	5.77	7.09	4.11	4.97
8 DIANA	2.82	3.99	6.58	7.59	5.06	5.21
LOCATION MEAN	2.71	4.53	6.12	7.30	4.72	5.08

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	KE91N	O193N	KE93N	O194N	KE94N	MEAN*
1 HARUS	96	86	97	100	94	95
2 REBECCA	93	87	101	97	100	95
3 ZAVITZ	112	113	108	103	107	109
4 KARENA	97	107	100	104	106	103
5 AC RON	90	95	99	105	108	99
6 OAC87W.22	105	110	93	89	91	98
7 DELAWARE	101	114	94	97	87	99
8 DIANA	104	88	107	104	107	102
LOCATION MEAN	2.71	4.53	6.12	7.30	4.72	5.08

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

** THERE ARE NO DATA FOR AREA 3 LOCATIONS IN 1992

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 91-94+
 AREA : 1-3
 MGMT : NORMAL

KEY NAME	AREA 1 (13)*	AREA 2 (21)	AREA 3 (5)+	PROVINCE (39)**
1 HARUS	5.19	5.35	4.84	5.23
2 REBECCA	5.36	5.44	4.88	5.34
3 ZAVITZ	5.12	5.27	5.48	5.25
4 KARENA	5.15	5.32	5.25	5.26
5 AC RON	5.36	5.62	5.11	5.47
6 OAC87:22	5.37	5.37	4.87	5.30
7 DELAWARE	5.24	5.45	4.97	5.32
8 DIANA	5.52	5.50	5.21	5.47
OVERALL MEAN	5.29	5.42	5.08	5.33

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1	AREA 2	AREA 3+	PROVINCE
1 HARUS	97.9	99.5	94.6	98.3
2 REBECCA	101.3	100.2	95.5	100.0
3 ZAVITZ	98.7	97.8	108.9	99.5
4 KARENA	97.6	98.1	103.1	98.5
5 AC RON	100.6	103.7	99.4	102.1
6 OAC87:22	100.6	99.1	97.7	99.4
7 DELAWARE	98.9	100.4	98.7	99.7
8 DIANA	104.5	101.2	102.2	102.4
OVERALL MEAN	5.29	5.42	5.08	5.33

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS
 + THERE ARE NO DATA FOR AREA 3 LOCATIONS IN 1992

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

YEAR(S): 91-94
 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
1 HARUS	6 5.19	74.3	37	93	1.4	99	153	2.0	3.9	4.0	5.0	2.0	.	3.0
2 REBECCA	3 5.36	72.2	36	84	2.4	95	154	2.6	4.8	3.7	2.3	1.4	.	3.0
3 ZAVITZ	8 5.12	71.2	42	91	2.4	103	156	2.4	1.9	3.2	2.3	1.2	.	1.9
4 KARENA	7 5.15	72.9	36	89	2.1	103	154	1.5	3.2	3.2	3.7	1.7	.	2.1
5 AC RON	3 5.36	71.8	36	90	2.3	102	154	2.5	4.1	3.2	3.3	1.8	.	2.1
6 OAC87W.22	2 5.37	74.3	34	91	1.3	94	155	2.3	4.7	3.5	3.8	0.9	.	2.7
7 DELAWARE	5 5.24	69.2	38	90	4.2	96	156	1.6	4.4	3.8	2.5	1.6	.	2.9
8 DIANA	1 5.52	72.1	35	90	1.4	99	155	2.5	3.7	4.0	2.8	1.9	.	1.4
LOCATIONS	13	8	7	3	8	14	13	9	10	3	3	5	0	4

YIELD AVERAGES WERE BASED ON DATA FROM:

1991: HARROW, WOODSLEE, RIDGETOWN, MORPETH.
 1992: HARROW, WOODSLEE, RIDGETOWN, MORPETH, INWOOD.
 1993: RIDGETOWN.
 1994: HARROW, RIDGETOWN, INWOOD.

YEAR(S): 91-94
 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
1 HARUS	6 5.35	72.6	35	91	1.0	99	162	1.8	4.2	3.7	5.9	0.7	2.0	1.7
2 REBECCA	4 5.44	70.8	36	94	0.9	95	163	2.1	4.2	3.1	2.0	1.1	3.6	2.4
3 ZAVITZ	8 5.27	69.6	40	96	2.2	104	164	2.6	1.8	3.7	2.7	0.7	2.6	2.1
4 KARENA	7 5.32	70.6	35	94	1.2	102	163	2.3	3.5	3.4	3.6	1.5	2.7	2.7
5 AC RON	1 5.62	70.7	35	95	1.7	101	163	2.6	4.3	2.9	3.3	1.3	1.6	2.4
6 OAC87W.22	5 5.37	70.1	33	94	1.0	95	164	2.4	5.4	3.3	3.5	1.2	1.6	2.1
7 DELAWARE	3 5.45	68.9	37	95	2.7	97	165	1.7	5.4	3.2	2.8	1.0	3.3	2.4
8 DIANA	2 5.50	69.7	32	95	0.7	99	163	2.2	3.2	3.4	2.5	1.2	2.5	2.1
LOCATIONS	21	22	22	10	15	22	15	6	5	11	5	1	2	3

YIELD AVERAGES WERE BASED ON DATA FROM:

1991: NAIRN, WOODSTOCK, ELORA, BATH.
 1992: NAIRN, LONDON, WOODSTOCK, ELORA, BATH.
 1993: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.
 1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

YEAR(S): 91-94
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 HARUS	8	4.84	78.3	37	73	0.0	97	169	2.3	.	.	.	.	.	.
2 REBECCA	6	4.88	76.5	37	87	0.5	95	170	3.0	.	.	.	.	.	.
3 ZAVITZ	1	5.48	76.0	45	84	0.0	102	171	2.0	.	.	.	.	.	.
4 KARENA	2	5.25	78.2	37	82	0.0	103	169	0.3	.	.	.	.	.	.
5 AC RON	4	5.11	76.3	37	80	0.2	102	170	4.0	.	.	.	.	.	.
6 OAC87W.22	7	4.87	78.6	34	83	1.8	96	171	1.0	.	.	.	.	.	.
7 DELAWARE	5	4.97	75.2	41	83	2.9	92	171	0.8	.	.	.	.	.	.
8 DIANA	3	5.21	76.3	33	82	0.8	100	170	1.0	.	.	.	.	.	.
LOCATIONS		5	7	7	5	2	7	6	1	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1991: KEMPTVILLE

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

1993: KEMPTVILLE, OTTAWA-1.

1994: KEMPTVILLE, OTTAWA-1.

YEAR(S): 91-94
 MGMT : NORMAL
 AREA(S): 1- 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 HARUS	8	5.23	74.1	36	86	1.0	98	160	1.9	4.0	3.7	5.6	1.8	2.0	2.4
2 REBECCA	3	5.34	72.2	36	90	1.4	95	161	2.4	4.6	3.2	2.1	1.4	3.6	2.7
3 ZAVITZ	7	5.25	71.2	41	91	2.1	103	162	2.5	1.8	3.6	2.6	1.1	2.6	2.0
4 KARENA	6	5.26	72.6	35	90	1.4	102	161	1.7	3.3	3.3	3.6	1.6	2.7	2.4
5 AC RON	1	5.47	72.0	36	90	1.7	101	161	2.6	4.2	3.0	3.3	1.8	1.6	2.2
6 OAC87W.22	5	5.30	72.6	33	90	1.2	94	162	2.3	4.9	3.4	3.6	0.9	1.6	2.4
7 DELAWARE	4	5.32	70.1	38	91	3.2	96	163	1.6	4.8	3.3	2.7	1.5	3.3	2.7
8 DIANA	1	5.47	71.5	33	90	0.9	99	161	2.3	3.5	3.5	2.6	1.8	2.5	1.7
LOCATIONS		39	37	36	18	25	43	34	16	15	14	8	6	2	7

YIELD AVERAGES WERE BASED ON DATA FROM:

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

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

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

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

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR(S): 93-94
 AREA : 1

KEY NAME	RN93N	HW94N	RN94N	ID94N	MEAN
1 HARUS	4.45	4.80	5.49	5.32	5.01
2 REBECCA	4.21	6.00	5.23	5.47	5.23
3 ZAVITZ	4.36	5.60	4.73	4.75	4.86
4 KARENA	4.14	5.30	5.17	5.29	4.98
5 AC RON	4.30	5.20	5.07	5.68	5.06
6 OAC87W.22	4.38	5.30	5.03	5.27	5.00
7 DELAWARE	4.10	5.30	4.86	5.17	4.86
8 DIANA	4.27	5.30	5.53	5.18	5.07
9 CASEY	4.89	5.20	5.57	4.99	5.16
LOCATION MEAN	4.34	5.33	5.19	5.24	5.03

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	RN93N	HW94N	RN94N	ID94N	MEAN*
1 HARUS	102	90	106	102	100
2 REBECCA	97	113	101	104	104
3 ZAVITZ	100	105	91	91	97
4 KARENA	95	99	100	101	99
5 AC RON	99	97	98	108	101
6 OAC87W.22	101	99	97	101	99
7 DELAWARE	94	99	94	99	97
8 DIANA	98	99	107	99	101
9 CASEY	113	97	107	95	103
LOCATION MEAN	4.34	5.33	5.19	5.24	5.03

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR(S) : 93-94
 AREA : 2

KEY NAME	WP93N	NN93N	LN93N	EA93N	HN93N	BH93N	WP94N	NN94N	LN94N	EA94N
1 HARUS	3.30	5.54	3.76	4.66	4.03	5.19	6.09	5.17	5.42	5.81
2 REBECCA	2.92	5.31	3.60	4.70	3.65	4.41	6.83	5.25	6.17	6.17
3 ZAVITZ	3.11	4.98	3.92	4.65	3.61	4.24	6.22	4.71	5.29	6.22
4 KARENA	3.15	5.43	3.43	4.53	2.76	4.38	6.30	5.26	5.30	5.98
5 AC RON	3.03	5.50	3.90	4.70	2.95	4.94	6.56	5.41	5.63	6.25
6 OAC87W.22	2.94	5.34	3.51	4.77	2.91	4.41	5.90	5.05	5.83	5.82
7 DELAWARE	2.83	5.60	3.85	4.60	3.51	4.39	6.47	5.28	5.90	6.55
8 DIANA	2.78	5.23	3.78	4.48	2.99	5.18	6.38	5.46	6.01	6.27
9 CASEY	3.45	5.52	3.91	4.74	3.38	4.73	6.38	5.22	5.83	6.33
LOCATION MEAN	3.06	5.38	3.74	4.65	3.31	4.65	6.35	5.20	5.71	6.16

KEY NAME	HN94N	BH94N	MEAN
1 HARUS	5.48	3.38	4.82
2 REBECCA	5.55	4.24	4.90
3 ZAVITZ	5.68	4.28	4.74
4 KARENA	5.56	4.59	4.72
5 AC RON	5.64	4.63	4.93
6 OAC87W.22	5.26	5.21	4.75
7 DELAWARE	5.13	4.37	4.87
8 DIANA	5.16	4.73	4.87
9 CASEY	5.04	4.30	4.90
LOCATION MEAN	5.39	4.41	4.83

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WP93N	NN93N	LN93N	EA93N	HN93N	BH93N	WP94N	NN94N	LN94N	EA94N
1 HARUS	108	103	101	100	122	112	96	99	95	94
2 REBECCA	96	99	96	101	110	95	108	101	108	100
3 ZAVITZ	102	93	105	100	109	91	98	91	93	101
4 KARENA	103	101	92	97	83	94	99	101	93	97
5 AC RON	99	102	104	101	89	106	103	104	99	102
6 OAC87W.22	96	99	94	103	88	95	93	97	102	95
7 DELAWARE	93	104	103	99	106	94	102	102	103	106
8 DIANA	91	97	101	96	90	111	101	105	105	102
9 CASEY	113	103	105	102	102	102	101	100	102	103
LOCATION MEAN	3.06	5.38	3.74	4.65	3.31	4.65	6.35	5.20	5.71	6.16

KEY NAME	HN94N	BH94N	MEAN*
1 HARUS	102	77	101
2 REBECCA	103	96	101
3 ZAVITZ	105	97	99
4 KARENA	103	104	97
5 AC RON	105	105	102
6 OAC87W.22	98	118	98
7 DELAWARE	95	99	101
8 DIANA	96	107	100
9 CASEY	94	97	102
LOCATION MEAN	5.39	4.41	4.83

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994
 ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR(S) : 93-94
 AREA : 3

KEY NAME	O193N	KE93N	O194N	KE94N	MEAN
1 HARUS	3.90	5.93	7.32	4.42	5.39
2 REBECCA	3.93	6.18	7.05	4.71	5.47
3 ZAVITZ	5.12	6.64	7.52	5.06	6.09
4 KARENA	4.86	6.14	7.61	5.01	5.91
5 AC RON	4.30	6.03	7.68	5.11	5.78
6 OAC87W.22	4.96	5.70	6.52	4.29	5.37
7 DELAWARE	5.15	5.77	7.09	4.11	5.53
8 DIANA	3.99	6.58	7.59	5.06	5.80
9 CASEY	4.23	6.22	7.35	4.79	5.65
LOCATION MEAN	4.49	6.13	7.30	4.73	5.66

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O193N	KE93N	O194N	KE94N	MEAN*
1 HARUS	87	97	100	93	94
2 REBECCA	87	101	97	100	96
3 ZAVITZ	114	108	103	107	108
4 KARENA	108	100	104	106	105
5 AC RON	96	98	105	108	102
6 OAC87W.22	110	93	89	91	96
7 DELAWARE	115	94	97	87	98
8 DIANA	89	107	104	107	102
9 CASEY	94	101	101	101	99
LOCATION MEAN	4.49	6.13	7.30	4.73	5.66

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 93-94
 AREA : 1-3
 MGMT : NORMAL

KEY NAME	AREA 1 (4)*	AREA 2 (12)	AREA 3 (4)	PROVINCE (20)**
1 HARUS	5.01	4.82	5.39	4.97
2 REBECCA	5.23	4.90	5.47	5.08
3 ZAVITZ	4.86	4.74	6.09	5.03
4 KARENA	4.98	4.72	5.91	5.01
5 AC RON	5.06	4.93	5.78	5.13
6 OAC87:22	5.00	4.75	5.37	4.92
7 DELAWARE	4.86	4.87	5.53	5.00
8 DIANA	5.07	4.87	5.80	5.10
9 CASEY	5.16	4.90	5.65	5.10
OVERALL MEAN	5.03	4.83	5.66	5.04

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1	AREA 2	AREA 3	PROVINCE
1 HARUS	100.0	100.7	94.3	99.2
2 REBECCA	103.7	101.0	96.1	100.6
3 ZAVITZ	96.8	98.7	108.0	100.2
4 KARENA	98.8	97.3	104.6	99.1
5 AC RON	100.7	101.6	101.8	101.5
6 OAC87:22	99.5	98.1	95.8	97.9
7 DELAWARE	96.5	100.5	98.2	99.3
8 DIANA	100.8	100.2	101.8	100.7
9 CASEY	103.2	101.9	99.4	101.6
OVERALL MEAN	5.03	4.83	5.66	5.04

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

YEAR(S): 93-94
 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	
1 HARUS	5 5.01	72.7	34	.	0.8	101	157	2.0	4.3	6.0	7.0	1.4	.	4.8	
2 REBECCA	1 5.23	71.7	33	.	2.4	98	158	2.0	4.3	6.0	2.0	0.8	.	4.3	
3 ZAVITZ	8 4.86	70.3	38	.	2.2	105	160	2.3	1.6	4.0	3.0	0.6	.	3.8	
4 KARENA	7 4.98	71.9	32	.	1.8	104	158	1.5	3.3	4.0	5.0	0.9	.	3.3	
5 AC RON	4 5.06	69.4	30	.	2.1	105	158	1.8	4.2	4.0	5.0	0.9	.	3.3	
6 OAC87W.22	6 5.00	73.7	31	.	0.5	93	159	2.0	4.6	6.0	6.0	0.3	.	3.5	
7 DELAWARE	8 4.86	67.6	34	.	4.7	98	161	1.3	3.3	6.0	2.0	0.6	.	4.8	
8 DIANA	3 5.07	71.2	31	.	0.6	100	159	2.3	3.4	6.0	2.0	1.1	.	3.5	
9 CASEY	2 5.16	72.3	34	.	1.5	94	157	2.3	1.8	4.0	2.0	1.1	.	3.0	
LOCATIONS		4	3	3	0	3	5	5	4	4	1	1	3	0	1

YIELD AVERAGES WERE BASED ON DATA FROM:
 1993: RIDGETOWN.
 1994: HARROW, RIDGETOWN, INWOOD.

YEAR(S): 93-94
 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	
1 HARUS	6 4.82	71.5	34	91	1.2	98	166	1.4	4.3	2.7	5.6	0.7	2.0	1.3	
2 REBECCA	2 4.90	69.3	34	93	1.1	94	167	2.2	4.3	2.3	2.0	1.1	3.7	1.8	
3 ZAVITZ	8 4.74	67.4	38	95	2.8	102	168	2.4	1.3	3.0	2.7	0.7	3.7	2.2	
4 KARENA	9 4.72	69.0	33	94	1.5	101	167	2.1	3.0	2.4	3.7	1.5	3.3	2.3	
5 AC RON	1 4.93	69.0	33	94	1.7	99	167	2.5	4.5	2.2	3.6	1.3	1.3	2.7	
6 OAC87W.22	7 4.75	70.5	31	91	1.0	92	168	2.3	5.0	2.5	3.7	1.2	1.3	1.9	
7 DELAWARE	4 4.87	67.3	36	94	2.5	96	169	1.7	6.0	2.5	3.0	1.0	3.7	2.3	
8 DIANA	4 4.87	68.0	31	94	0.9	99	168	1.8	2.5	2.6	3.0	1.2	3.0	1.9	
9 CASEY	2 4.90	69.0	33	94	1.4	94	166	2.0	4.3	3.1	4.4	1.8	3.0	1.4	
LOCATIONS		12	13	13	6	9	13	9	5	2	8	4	1	1	2

YIELD AVERAGES WERE BASED ON DATA FROM:
 1993: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.
 1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

YEAR(S) : 93-94
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 HARUS	8	5.39	79.2	39	78	0.0	104	175	2.3	.	.	.	.	.	.
2 REBECCA	7	5.47	77.4	39	89	0.5	102	175	3.0	.	.	.	.	.	.
3 ZAVITZ	1	6.09	77.2	47	92	0.0	110	176	2.0	.	.	.	.	.	.
4 KARENA	2	5.91	79.8	38	86	0.0	110	174	0.3	.	.	.	.	.	.
5 AC RON	4	5.78	77.4	38	84	0.2	110	175	4.0	.	.	.	.	.	.
6 OAC87W.22	9	5.37	79.3	36	87	1.8	100	176	1.0	.	.	.	.	.	.
7 DELAWARE	6	5.53	76.0	43	92	2.9	99	177	0.8	.	.	.	.	.	.
8 DIANA	3	5.80	77.6	34	87	0.8	107	175	1.0	.	.	.	.	.	.
9 CASEY	5	5.65	78.7	39	79	0.5	96	174	2.0	.	.	.	.	.	.
LOCATIONS		4	4	4	3	2	4	4	1	0	0	0	0	0	0

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

YEAR(S) : 93-94
 MGMT : NORMAL
 AREA(S) : 1- 3

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 HARUS	8	4.97	73.2	35	86	0.9	100	166	1.7	4.3	3.1	5.9	1.2	2.0	2.4
2 REBECCA	4	5.08	71.3	35	92	1.3	96	166	2.2	4.3	2.7	2.0	0.9	3.7	2.6
3 ZAVITZ	5	5.03	69.8	40	94	2.3	104	167	2.3	1.5	3.1	2.8	0.6	3.7	2.7
4 KARENA	6	5.01	71.6	34	91	1.3	103	166	1.7	3.2	2.6	4.0	1.1	3.3	2.6
5 AC RON	1	5.13	70.8	34	90	1.6	102	166	2.3	4.3	2.4	3.9	1.0	1.3	2.9
6 OAC87W.22	9	4.92	72.8	32	90	1.0	94	167	2.0	4.7	2.9	4.1	0.6	1.3	2.4
7 DELAWARE	7	5.00	69.1	37	93	3.0	97	168	1.4	4.2	2.9	2.8	0.7	3.7	3.1
8 DIANA	2	5.10	70.4	32	92	0.8	101	167	1.9	3.1	3.0	2.8	1.2	3.0	2.4
9 CASEY	2	5.10	71.4	34	89	1.3	94	166	2.1	2.6	3.2	3.9	1.3	3.0	1.9
LOCATIONS		20	20	20	9	14	22	18	10	6	9	5	4	1	3

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.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994
 ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR : 94
 AREA : 1

KEY NAME	HW94N	RN94N	ID94N	MEAN
1 HARUS	4.80	5.49	5.32	5.20
2 REBECCA	6.00	5.23	5.47	5.57
3 ZAVITZ	5.60	4.73	4.75	5.03
4 KARENA	5.30	5.17	5.29	5.25
5 AC RON	5.20	5.07	5.68	5.32
6 OAC87W.22	5.30	5.03	5.27	5.20
7 DELAWARE	5.30	4.86	5.17	5.11
8 DIANA	5.30	5.53	5.18	5.34
9 CASEY	5.20	5.57	4.99	5.25
10 MARILEE	5.30	5.13	5.53	5.32
11 H223.24.3	5.20	5.17	5.25	5.20
LOCATION MEAN	5.32	5.18	5.26	5.25

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	HW94N	RN94N	ID94N	MEAN*
1 HARUS	90	106	101	99
2 REBECCA	113	101	104	106
3 ZAVITZ	105	91	90	96
4 KARENA	100	100	101	100
5 AC RON	98	98	108	101
6 OAC87W.22	100	97	100	99
7 DELAWARE	100	94	98	97
8 DIANA	100	107	98	102
9 CASEY	98	108	95	100
10 MARILEE	100	99	105	101
11 H223.24.3	98	100	100	99
LOCATION MEAN	5.32	5.18	5.26	5.25

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994
 ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR : 94
 AREA : 2

KEY NAME	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	MEAN
1 HARUS	6.09	5.17	5.42	5.81	5.48	3.38	5.22
2 REBECCA	6.83	5.25	6.17	6.17	5.55	4.24	5.70
3 ZAVITZ	6.22	4.71	5.29	6.22	5.68	4.28	5.40
4 KARENA	6.30	5.26	5.30	5.98	5.56	4.59	5.50
5 AC RON	6.56	5.41	5.63	6.25	5.64	4.63	5.69
6 OAC87W.22	5.90	5.05	5.83	5.82	5.26	5.21	5.51
7 DELAWARE	6.47	5.28	5.90	6.55	5.13	4.37	5.62
8 DIANA	6.38	5.46	6.01	6.27	5.16	4.73	5.67
9 CASEY	6.38	5.22	5.83	6.33	5.04	4.30	5.52
10 MARILEE	6.60	5.37	5.60	6.35	5.56	4.64	5.69
11 H223.24.3	5.77	4.85	5.58	5.88	5.74	5.01	5.47
LOCATION MEAN	6.32	5.18	5.69	6.15	5.44	4.49	5.54

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	MEAN*
1 HARUS	96	100	95	94	101	75	94
2 REBECCA	108	101	108	100	102	94	102
3 ZAVITZ	98	91	93	101	104	95	97
4 KARENA	100	101	93	97	102	102	99
5 AC RON	104	104	99	102	104	103	103
6 OAC87W.22	93	97	103	95	97	116	100
7 DELAWARE	102	102	104	107	94	97	101
8 DIANA	101	105	106	102	95	105	102
9 CASEY	101	101	103	103	93	96	99
10 MARILEE	104	104	98	103	102	103	103
11 H223.24.3	91	94	98	96	106	112	99
LOCATION MEAN	6.32	5.18	5.69	6.15	5.44	4.49	5.54

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR : 94
 AREA : 3

KEY NAME	O194N	KE94N	MEAN
1 HARUS	7.32	4.42	5.87
2 REBECCA	7.05	4.71	5.88
3 ZAVITZ	7.52	5.06	6.29
4 KARENA	7.61	5.01	6.31
5 AC RON	7.68	5.11	6.39
6 OAC87W.22	6.52	4.29	5.40
7 DELAWARE	7.09	4.11	5.60
8 DIANA	7.59	5.06	6.32
9 CASEY	7.35	4.79	6.07
10 MARILEE	7.74	5.76	6.75
11 H223.24.3	7.64	5.29	6.46
LOCATION MEAN	7.37	4.87	6.12

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O194N	KE94N	MEAN*
1 HARUS	99	91	95
2 REBECCA	96	97	96
3 ZAVITZ	102	104	103
4 KARENA	103	103	103
5 AC RON	104	105	105
6 OAC87W.22	88	88	88
7 DELAWARE	96	84	90
8 DIANA	103	104	103
9 CASEY	100	98	99
10 MARILEE	105	118	112
11 H223.24.3	104	108	106
LOCATION MEAN	7.37	4.87	6.12

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 1994
 AREA : 1-3
 MGMT : NORMAL

KEY NAME	AREA 1 (3)*	AREA 2 (6)	AREA 3 (2)	PROVINCE (11)**
1 HARUS	5.20	5.22	5.87	5.34
2 REBECCA	5.57	5.70	5.88	5.70
3 ZAVITZ	5.03	5.40	6.29	5.46
4 KARENA	5.25	5.50	6.31	5.58
5 AC RON	5.32	5.69	6.39	5.71
6 OAC87:22	5.20	5.51	5.40	5.41
7 DELAWARE	5.11	5.62	5.60	5.48
8 DIANA	5.34	5.67	6.32	5.70
9 CASEY	5.25	5.52	6.07	5.55
10 MARILEE	5.32	5.69	6.75	5.78
11 H223.24.3	5.20	5.47	6.46	5.58
OVERALL MEAN	5.25	5.54	6.12	5.57

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1	AREA 2	AREA 3	PROVINCE
1 HARUS	99.1	93.7	95.0	95.4
2 REBECCA	105.9	102.5	96.1	102.2
3 ZAVITZ	95.6	97.2	102.9	97.8
4 KARENA	100.0	99.4	103.0	100.2
5 AC RON	101.2	102.6	104.5	102.6
6 OAC87:22	99.0	100.1	88.2	97.6
7 DELAWARE	97.2	101.0	90.3	98.0
8 DIANA	101.6	102.4	103.4	102.4
9 CASEY	100.0	99.3	99.0	99.4
10 MARILEE	101.3	102.6	111.6	103.9
11 H223.24.3	99.1	99.3	106.0	100.4
OVERALL MEAN	5.25	5.54	6.12	5.57

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

YEAR : 94
 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
1 HARUS	7 5.20	73.8	36	.	1.0	100	157	2.3	5.0	6.0	7.0	0.2	.	.
2 REBECCA	1 5.57	73.4	36	.	2.5	99	158	2.3	5.0	6.0	2.0	1.0	.	.
3 ZAVITZ	11 5.03	71.7	40	.	2.0	107	160	2.7	1.0	4.0	3.0	0.1	.	.
4 KARENA	5 5.25	73.9	35	.	2.0	104	158	2.0	3.0	4.0	5.0	0.3	.	.
5 AC RON	3 5.32	71.1	34	.	2.5	104	159	2.0	4.5	4.0	5.0	0.4	.	.
6 OAC87W.22	7 5.20	75.0	34	.	0.5	90	159	2.3	5.0	6.0	6.0	0.2	.	.
7 DELAWARE	10 5.11	69.2	37	.	5.5	98	161	1.3	3.0	6.0	2.0	0.4	.	.
8 DIANA	2 5.34	72.8	35	.	0.0	100	159	2.3	3.5	6.0	2.0	0.4	.	.
9 CASEY	5 5.25	71.8	34	.	1.0	94	157	2.7	1.5	4.0	2.0	0.0	.	.
10 MARILEE	3 5.32	70.2	37	.	1.5	100	160	2.3	5.0	6.0	2.0	0.6	.	.
11 H223.24.3	7 5.20	77.8	33	.	0.0	102	161	2.7	1.0	4.0	4.0	0.1	.	.
LOCATIONS	3	2	2	0	2	3	3	3	2	1	1	1	0	0

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

YEAR : 94
 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
1 HARUS	11 5.22	74.9	39	87	0.9	94	167	1.0	2.0	2.9	5.6	0.7	2.0	.
2 REBECCA	1 5.70	73.4	40	91	1.2	91	168	1.5	1.0	2.7	2.0	1.1	3.7	.
3 ZAVITZ	10 5.40	71.0	43	92	2.7	100	168	1.4	0.5	3.0	2.7	0.7	3.7	.
4 KARENA	8 5.50	73.9	39	91	1.6	98	168	1.9	1.0	2.9	3.7	1.5	3.3	.
5 AC RON	2 5.69	74.1	39	91	1.4	96	168	1.8	2.0	2.5	3.6	1.3	1.3	.
6 OAC87W.22	7 5.51	75.6	37	88	0.9	87	169	1.7	2.0	2.5	3.7	1.2	1.3	.
7 DELAWARE	5 5.62	72.0	40	90	2.4	94	169	1.0	3.5	2.9	3.0	1.0	3.7	.
8 DIANA	4 5.67	72.3	36	92	1.0	94	168	1.2	1.0	2.9	3.0	1.2	3.0	.
9 CASEY	6 5.52	72.1	37	91	1.4	91	167	1.8	2.0	3.7	4.4	1.8	3.0	.
10 MARILEE	2 5.69	72.2	42	90	0.8	91	168	1.3	2.0	3.1	3.2	0.7	4.7	.
11 H223.24.3	9 5.47	76.3	34	91	0.2	96	170	3.3	0.5	2.4	3.8	0.6	2.0	.
LOCATIONS	6	6	6	4	5	6	4	3	1	4	4	1	1	0

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

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

YEAR : 94
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 HARUS	9	5.87	78.9	39	90	0.0	104	181	2.3	.	.	.	.	.	.
2 REBECCA	8	5.88	77.6	41	96	1.0	103	181	3.0	.	.	.	.	.	.
3 ZAVITZ	6	6.29	75.8	47	99	0.0	107	182	2.0	.	.	.	.	.	.
4 KARENA	5	6.31	79.7	40	98	0.0	111	181	0.3	.	.	.	.	.	.
5 AC RON	3	6.39	77.1	39	90	0.3	107	181	4.0	.	.	.	.	.	.
6 OAC87W.22	11	5.40	78.9	37	90	2.0	97	183	1.0	.	.	.	.	.	.
7 DELAWARE	10	5.60	75.3	44	98	4.3	101	183	0.8	.	.	.	.	.	.
8 DIANA	4	6.32	76.7	35	95	0.0	105	182	1.0	.	.	.	.	.	.
9 CASEY	7	6.07	78.4	39	92	1.0	100	180	2.0	.	.	.	.	.	.
10 MARILEE	1	6.75	76.8	43	95	0.3	106	182	6.0	.	.	.	.	.	.
11 H223.24.3	2	6.46	79.1	36	91	0.0	104	183	1.5	.	.	.	.	.	.
LOCATIONS		2	2	2	1	1	2	2	1	0	0	0	0	0	0

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

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

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 HARUS	11	5.34	75.5	38	87	0.8	98	167	1.8	4.0	3.5	5.9	0.4	2.0	.
2 REBECCA	3	5.70	74.2	39	92	1.5	95	167	2.1	3.7	3.4	2.0	1.0	3.7	.
3 ZAVITZ	9	5.46	72.1	43	93	2.2	103	168	2.0	0.8	3.2	2.8	0.4	3.7	.
4 KARENA	5	5.58	75.0	38	92	1.5	102	167	1.7	2.3	3.1	4.0	0.9	3.3	.
5 AC RON	2	5.71	74.1	38	91	1.5	100	168	2.2	3.7	2.8	3.9	0.8	1.3	.
6 OAC87W.22	10	5.41	76.1	36	88	0.9	90	168	1.9	4.0	3.2	4.1	0.7	1.3	.
7 DELAWARE	8	5.48	72.1	40	92	3.4	97	169	1.1	3.2	3.5	2.8	0.7	3.7	.
8 DIANA	3	5.70	73.3	35	92	0.6	98	168	1.6	2.7	3.5	2.8	0.8	3.0	.
9 CASEY	7	5.55	73.3	37	91	1.2	93	166	2.2	1.7	3.8	3.9	0.9	3.0	.
10 MARILEE	1	5.78	72.7	41	91	0.9	96	169	2.4	4.0	3.7	3.0	0.6	4.7	.
11 H223.24.3	5	5.58	77.2	34	91	0.1	99	170	2.8	0.8	2.7	3.9	0.4	2.0	.
LOCATIONS		11	10	10	5	8	11	9	7	3	5	5	2	1	0

YIELD AVERAGES WERE BASED ON DATA FROM: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

LOCATION - HARROW
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 HARUS	11	4.80	.	.	.	.	95	152	2.0	6.0	.	.	.	.	.
2 REBECCA	1	6.00	.	.	.	.	98	153	3.0	6.0	.	.	.	.	.
3 ZAVITZ	2	5.60	.	.	.	.	107	155	2.0	1.0	.	.	.	.	.
4 KARENA	3	5.30	.	.	.	.	101	153	3.0	3.0	.	.	.	.	.
5 AC RON	8	5.20	.	.	.	.	100	153	2.0	6.0	.	.	.	.	.
6 OAC87W.22	3	5.30	.	.	.	.	81	153	2.0	6.0	.	.	.	.	.
7 DELAWARE	3	5.30	.	.	.	.	95	156	1.0	4.0	.	.	.	.	.
8 DIANA	3	5.30	.	.	.	.	95	153	2.0	4.0	.	.	.	.	.
9 CASEY	8	5.20	.	.	.	.	92	153	4.0	2.0	.	.	.	.	.
10 MARILEE	3	5.30	.	.	.	.	96	156	2.0	7.0	.	.	.	.	.
11 H223.24.3	8	5.20	.	.	.	.	98	157	2.0	1.0	.	.	.	.	.
MEANS		5.32	.	.	.	.	96	154	2.3	4.2	.	.	.	.	.

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	MAT *
	RK	T/HA													
1 HARUS	3	5.49	73.1	35	.	2.0	102	159	4.0	4.0	.	.	.	.	195
2 REBECCA	4	5.23	71.7	33	.	3.0	98	160	3.0	4.0	.	.	.	.	196
3 ZAVITZ	11	4.73	71.3	40	.	2.0	108	162	5.0	1.0	.	.	.	.	198
4 KARENA	5	5.17	73.2	33	.	3.0	104	160	2.0	3.0	.	.	.	.	197
5 AC RON	8	5.07	68.6	31	.	5.0	105	161	3.0	3.0	.	.	.	.	196
6 OAC87W.22	9	5.03	73.8	33	.	1.0	94	162	3.0	4.0	.	.	.	.	196
7 DELAWARE	10	4.86	67.4	37	.	6.0	98	163	2.0	2.0	.	.	.	.	198
8 DIANA	2	5.53	71.3	34	.	0.0	102	161	3.0	3.0	.	.	.	.	195
9 CASEY	1	5.57	72.6	35	.	1.0	93	159	2.0	1.0	.	.	.	.	193
10 MARILEE	7	5.13	69.0	34	.	1.0	103	162	4.0	3.0	.	.	.	.	197
11 H223.24.3	6	5.16	76.9	32	.	0.0	106	163	4.0	1.0	.	.	.	.	200
MEANS		5.18	71.7	34	.	2.2	101	161	3.2	2.6	.	.	.	.	196

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
	RK	T/HA													
1 HARUS	4	5.32	74.5	36	.	0.0	104	161	1.0	.	6.0	7.0	0.2	.	.
2 REBECCA	3	5.47	75.2	38	.	2.0	102	161	1.0	.	6.0	2.0	1.0	.	.
3 ZAVITZ	11	4.75	72.1	40	.	2.0	106	163	1.0	.	4.0	3.0	0.1	.	.
4 KARENA	5	5.29	74.6	36	.	1.0	106	161	1.0	.	4.0	5.0	0.3	.	.
5 AC RON	1	5.68	73.7	36	.	0.0	107	162	1.0	.	4.0	5.0	0.4	.	.
6 OAC87W.22	6	5.27	76.2	35	.	0.0	96	162	2.0	.	6.0	6.0	0.2	.	.
7 DELAWARE	9	5.17	70.9	37	.	5.0	102	164	1.0	.	6.0	2.0	0.4	.	.
8 DIANA	8	5.18	74.2	35	.	0.0	102	162	2.0	.	6.0	2.0	0.4	.	.
9 CASEY	10	4.99	71.0	33	.	1.0	97	160	2.0	.	4.0	2.0	0.0	.	.
10 MARILEE	2	5.53	71.4	39	.	2.0	100	163	1.0	.	6.0	2.0	0.6	.	.
11 H223.24.3	7	5.25	78.6	33	.	0.0	103	164	2.0	.	4.0	4.0	0.1	.	.
MEANS		5.26	73.9	36	.	1.2	102	162	1.4	.	5.1	3.6	0.3	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

LOCATION - WINTHROP
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
	RK	T/HA													
1 HARUS	9	6.09	75.4	41	97	1.0	100	165	1.0	2.0	3.5	4.0	.	.	.
2 REBECCA	1	6.83	75.3	41	99	2.0	101	167	2.5	1.0	3.5	2.0	.	.	.
3 ZAVITZ	8	6.22	72.8	44	100	4.0	107	167	3.3	0.5	4.0	3.0	.	.	.
4 KARENA	7	6.30	73.9	39	97	2.0	104	166	2.8	1.0	3.5	2.0	.	.	.
5 AC RON	3	6.56	74.3	40	97	1.0	104	167	1.0	2.0	3.0	2.0	.	.	.
6 OAC87W.22	10	5.90	75.7	37	89	0.0	96	168	2.0	2.0	2.8	4.0	.	.	.
7 DELAWARE	4	6.47	71.6	41	100	1.0	100	168	1.5	3.5	3.5	2.0	.	.	.
8 DIANA	5	6.38	71.8	36	97	0.0	100	167	0.5	1.0	3.5	2.0	.	.	.
9 CASEY	5	6.38	74.7	39	95	0.0	97	165	1.5	2.0	4.0	3.0	.	.	.
10 MARILEE	2	6.60	73.9	45	96	0.0	102	167	2.8	2.0	3.8	1.0	.	.	.
11 H223.24.3	11	5.77	76.1	35	97	0.0	103	169	3.3	0.5	2.5	3.0	.	.	.
MEANS		6.32	74.1	40	97	1.0	101	167	2.0	1.6	3.4	2.5	.	.	.

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	MAT *
	RK	T/HA													
1 HARUS	8	5.17	76.3	39	.	0.3	98	161	2.0	.	3.0	7.9	.	.	195
2 REBECCA	6	5.25	74.4	39	.	0.5	89	163	2.0	.	3.0	2.9	.	.	196
3 ZAVITZ	11	4.71	72.3	42	.	4.5	98	163	1.0	.	4.0	4.6	.	.	198
4 KARENA	5	5.26	76.5	38	.	0.5	99	162	3.0	.	2.5	4.8	.	.	196
5 AC RON	2	5.41	75.4	40	.	1.3	92	163	3.5	.	3.0	4.9	.	.	196
6 OAC87W.22	9	5.05	76.9	38	.	0.0	83	164	2.0	.	3.0	4.0	.	.	197
7 DELAWARE	4	5.28	72.4	42	.	0.5	94	165	0.5	.	4.0	5.1	.	.	198
8 DIANA	1	5.46	73.4	35	.	0.0	96	163	2.0	.	3.0	5.8	.	.	198
9 CASEY	7	5.22	74.5	37	.	1.8	92	161	3.0	.	3.5	7.3	.	.	194
10 MARILEE	3	5.37	73.7	44	.	0.0	83	163	0.0	.	3.0	5.9	.	.	197
11 H223.24.3	10	4.85	77.2	33	.	0.0	97	165	5.5	.	4.0	5.3	.	.	199
MEANS		5.18	74.8	39	.	0.9	93	163	2.2	.	3.3	5.3	.	.	197

LOCATION - LONDON
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 HARUS	9	5.42	74.1	39	.	0.0	108	.	0.0	.	4.0	4.0	0.7	.	.
2 REBECCA	1	6.17	73.7	39	.	1.0	102	.	0.0	.	3.0	1.0	1.1	.	.
3 ZAVITZ	11	5.29	70.7	40	.	2.0	113	.	0.0	.	3.0	1.0	0.7	.	.
4 KARENA	10	5.30	73.5	37	.	1.0	109	.	0.0	.	4.0	2.0	1.5	.	.
5 AC RON	6	5.63	73.5	37	.	1.0	107	.	1.0	.	3.0	2.0	1.3	.	.
6 OAC87W.22	4	5.83	75.0	36	.	1.0	99	.	1.0	.	3.0	2.0	1.2	.	.
7 DELAWARE	3	5.90	70.3	38	.	4.0	101	.	1.0	.	3.0	2.0	1.0	.	.
8 DIANA	2	6.01	72.5	34	.	1.0	105	.	1.0	.	4.0	1.0	1.2	.	.
9 CASEY	4	5.83	72.9	36	.	2.0	102	.	1.0	.	6.0	2.0	1.8	.	.
10 MARILEE	7	5.60	71.6	39	.	1.0	104	.	1.0	.	4.0	1.0	0.7	.	.
11 H223.24.3	8	5.58	76.4	32	.	0.0	108	.	1.0	.	2.0	2.0	0.6	.	.
MEANS		5.69	73.1	37	.	1.3	105	.	0.6	.	3.5	1.8	1.1	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

LOCATION - ELORA
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	MAT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS	11	5.81	74.8	39	90	.	90	170	.	.	.	.	.	.	206
2 REBECCA	7	6.17	70.5	41	93	.	85	169	.	.	.	.	.	.	206
3 ZAVITZ	6	6.22	68.6	46	100	.	98	169	.	.	.	.	.	.	206
4 KARENA	8	5.98	73.6	40	98	.	95	170	.	.	.	.	.	.	206
5 AC RON	5	6.25	74.2	40	96	.	93	169	.	.	.	.	.	.	206
6 OAC87W.22	10	5.82	76.1	38	99	.	85	169	.	.	.	.	.	.	206
7 DELAWARE	1	6.55	71.7	41	100	.	88	170	.	.	.	.	.	.	207
8 DIANA	4	6.27	73.0	35	100	.	93	170	.	.	.	.	.	.	206
9 CASEY	3	6.33	74.8	37	99	.	92	169	.	.	.	.	.	.	204
10 MARILEE	2	6.35	69.9	43	100	.	88	170	.	.	.	.	.	.	206
11 H223.24.3	9	5.88	76.1	36	98	.	90	170	.	.	.	.	.	.	206
MEANS		6.15	73.0	40	98	.	91	170	.	.	.	.	.	.	206

LOCATION - HARRISTON
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 HARUS	7	5.48	72.4	42	88	1.3	90	170	.	.	1.0	6.7	.	.	.
2 REBECCA	6	5.55	72.0	42	90	0.3	85	172	.	.	1.3	2.0	.	.	.
3 ZAVITZ	2	5.68	70.2	48	89	0.8	97	173	.	.	1.0	2.3	.	.	.
4 KARENA	4	5.56	70.6	40	86	2.0	98	172	.	.	1.7	6.0	.	.	.
5 AC RON	3	5.64	71.4	41	89	1.5	95	172	.	.	1.0	5.7	.	.	.
6 OAC87W.22	8	5.26	73.0	39	83	1.6	84	173	.	.	1.0	4.7	.	.	.
7 DELAWARE	10	5.13	69.4	43	88	3.5	88	174	.	.	1.0	2.7	.	.	.
8 DIANA	9	5.16	69.2	37	88	2.0	92	173	.	.	1.0	3.3	.	.	.
9 CASEY	11	5.04	71.0	39	89	1.0	80	171	.	.	1.3	5.3	.	.	.
10 MARILEE	4	5.56	69.8	42	90	0.5	88	172	.	.	1.7	5.0	.	.	.
11 H223.24.3	1	5.74	74.8	37	89	0.0	96	175	.	.	1.0	5.0	.	.	.
MEANS		5.44	71.3	41	88	1.3	90	172	.	.	1.2	4.4	.	.	.

LOCATION - BATH
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 HARUS	11	3.38	76.2	36	71	2.0	80	.	.	.	.	.	.	.	.
2 REBECCA	10	4.24	74.6	39	83	2.0	83	.	.	.	.	.	.	.	.
3 ZAVITZ	9	4.28	71.2	37	78	2.0	88	.	.	.	.	.	.	.	.
4 KARENA	6	4.59	75.2	38	83	2.5	85	.	.	.	.	.	.	.	.
5 AC RON	5	4.63	75.6	34	81	2.0	83	.	.	.	.	.	.	.	.
6 OAC87W.22	1	5.21	77.0	35	79	2.0	75	.	.	.	.	.	.	.	.
7 DELAWARE	7	4.37	76.6	36	73	3.0	95	.	.	.	.	.	.	.	.
8 DIANA	3	4.73	74.1	36	81	2.0	80	.	.	.	.	.	.	.	.
9 CASEY	8	4.30	64.4	36	82	2.0	80	.	.	.	.	.	.	.	.
10 MARILEE	4	4.64	74.0	40	72	2.5	80	.	.	.	.	.	.	.	.
11 H223.24.3	2	5.01	77.2	33	81	1.0	83	.	.	.	.	.	.	.	.
MEANS		4.49	74.2	36	79	2.1	83	.	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1994

LOCATION - OTTAWA-1
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	MAT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS	8	7.32	75.8	39	90	0.0	100	167	2.3	.	.	.	.	.	198
2 REBECCA	10	7.05	73.8	38	96	1.0	98	167	3.0	.	.	.	.	.	198
3 ZAVITZ	6	7.52	71.7	48	99	0.0	104	168	2.0	.	.	.	.	.	195
4 KARENA	4	7.61	75.4	39	98	0.0	109	167	0.3	.	.	.	.	.	195
5 AC RON	2	7.68	73.2	38	90	0.3	101	168	4.0	.	.	.	.	.	195
6 OAC87W.22	11	6.52	75.8	35	90	2.0	95	170	1.0	.	.	.	.	.	198
7 DELAWARE	9	7.09	70.6	42	98	4.3	98	169	0.8	.	.	.	.	.	198
8 DIANA	5	7.59	72.5	34	95	0.0	103	168	1.0	.	.	.	.	.	195
9 CASEY	7	7.35	75.0	37	92	1.0	94	166	2.0	.	.	.	.	.	195
10 MARILEE	1	7.74	72.6	41	95	0.3	99	168	6.0	.	.	.	.	.	196
11 H223.24.3	3	7.64	72.8	36	91	0.0	101	171	1.5	.	.	.	.	.	198
MEANS		7.37	73.6	39	94	0.8	100	168	2.2	.	.	.	.	.	196

LOCATION - KEMPTVILLE
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 HARUS	9	4.42	81.9	38	.	.	108	195	.	.	.	.	.	.	.
2 REBECCA	8	4.71	81.3	43	.	.	108	195	.	.	.	.	.	.	.
3 ZAVITZ	4	5.06	79.9	45	.	.	110	195	.	.	.	.	.	.	.
4 KARENA	6	5.01	83.9	41	.	.	112	194	.	.	.	.	.	.	.
5 AC RON	3	5.11	80.9	40	.	.	112	194	.	.	.	.	.	.	.
6 OAC87W.22	10	4.29	81.9	38	.	.	98	195	.	.	.	.	.	.	.
7 DELAWARE	11	4.11	79.9	46	.	.	103	196	.	.	.	.	.	.	.
8 DIANA	4	5.06	80.9	36	.	.	107	195	.	.	.	.	.	.	.
9 CASEY	7	4.79	81.9	40	.	.	105	194	.	.	.	.	.	.	.
10 MARILEE	1	5.76	80.9	45	.	.	112	196	.	.	.	.	.	.	.
11 H223.24.3	2	5.28	85.4	35	.	.	107	195	.	.	.	.	.	.	.
MEANS		4.87	81.7	41	.	.	107	195	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1994

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LEGEND

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

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

LOCATIONS ABBREVIATIONS

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

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1994

DESCRIPTION OF REGISTERED VARIETIES

RUBY, (TW84BU039):

FREDRICK/PRIBOY. DEVELOPED AND MARKETED IN BY W.G. THOMPSON AND SONS LTD. A HIGH YIELDING, SHORT STRAWED, VARIETY WITH GOOD WINTER SURVIVAL. A SPECIALTY WHEAT WITH HIGH TEST WEIGHT AND FLOUR YIELD. GOOD LEAF RUST, BYDV, AND GLUME BLOTCH RESISTANCE, MODERATE SUSCEPTIBILITY TO OTHER PREVALENT DISEASES.

FUNDULEA:

AURORA/RILEY.67. DEVELOPED IN ROMANIA AND MARKETED IN ONTARIO BY C&M SEEDS, PALMERSTON, ONT. A HIGH YIELDING, SHORT STRAWED VARIETY WITH GOOD WINTER SURVIVAL AND GOOD RESISTANCE TO MILDEW, LEAF RUST, AND SSMV. GOOD MILLING QUALITY, SUITABLE FOR BREAD MAKING IN BLENDS WITH CANADIAN WESTERN RED SPRING. SUSCEPTIBLE TO GLUME BLOTCH.

M.8.1, (MV.12)

DEVELOPED IN HUNGARY AND SPONSORED IN ONTARIO BY C&M SEEDS, PALMERSTON, ONT. DROPPED FROM RECOMMENDATION TESTING.

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1994

YEAR(S): 87-94
MGMT : NORMAL

AREA : 1

KEY NAME	YIELD 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
1 RUBY	5.26	77.0	38	95	1.6	93	153	3.1	0.8	4.3	2.5	1.9	.	2.0
LOCATIONS	16	9	5	4	8	17	17	10	6	3	2	6	0	3

YIELD AVERAGES WERE BASED ON DATA FROM:

1987: WOODSLEE, CATHAM, RIDGETOWN. 1988: WOODSLEE, RIDGETOWN.
1989: HARROW, RIDGETOWN. 1990: RIDGETOWN.
1991: WOODSLEE, RIDGETOWN. 1992: WOODSLEE, RIDGETOWN.
1993: RIDGETOWN. 1994: HARROW, RIDGETOWN, INWOOD.

AREA : 2

KEY NAME	YIELD 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
1 RUBY	5.11	74.7	36	93	1.1	89	159	3.8	2.5	4.0	2.7	1.8	1.5	2.4
LOCATIONS	37	37	37	24	15	37	34	19	11	23	13	3	2	5

YIELD AVERAGES WERE BASED ON DATA FROM:

1987: NAIRN, WOODSTOCK. 1988: NAIRN, WOODSTOCK, ELORA, HARRISTON, LISTOWEL.
1989: NAIRN, WOODSTOCK, ELORA, HARRISTON, LISTOWEL.
1990: NAIRN, WOODSTOCK, ELORA, HARRISTON.
1991: NAIRN, WOODSTOCK, ELORA, HARRISTON, LISTOWEL.
1992: NAIRN, WOODSTOCK, ELORA, HARRISTON.
1993: WINTHROP NAIRN, LONDON, ELORA, HARRISTON, BATH.
1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON BATH.

AREA : 3

KEY NAME	YIELD 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
1 RUBY	4.89	81.0	40	85	2.0	89	165	6.0	.	6.5	.	.	.	.
LOCATIONS	10	13	11	13	6	13	11	1	0	1	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1987: OTTAWA-1, OTTAWA-2.
1988: KEMPTVILLE. 1989: RENFREW. 1990: THERE ARE NO DATA FOR AREA 3 IN 1990.
1991: BEACHBURG, KEMPTVILLE. 1992: THERE ARE NO DATA FOR AREA 3 IN 1992.
1993: KEMPTVILLE, OTTAWA-1. 1994: KEMPTVILLE, OTTAWA-1.

AREA(S): 1- 3

KEY NAME	YIELD 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
1 RUBY	5.11	76.5	37	91	1.4	90	158	3.7	1.9	4.1	2.7	1.9	1.5	2.3
LOCATIONS	63	59	53	41	29	67	62	30	17	27	15	9	2	8

YIELD AVERAGES WERE BASED ON DATA FROM:

1987: WOODSLEE, CATHAM, RIDGETOWN, NAIRN, WOODSTOCK, OTTAWA-1, OTTAWA-2.
1988: WOODSLEE, RIDGETOWN, NAIRN, WOODSTOCK, ELORA, HARRISTON, LISTOWEL, KEMPTVILLE.
1989: HARROW, RIDGETOWN, NAIRN, WOODSTOCK, ELORA, HARRISTON, LISTOWEL, RENFREW.
1990: RIDGETOWN, NAIRN, WOODSTOCK, ELORA, HARRISTON, BEACHBURG, KEMPTVILLE.
1991: WOODSLEE, RIDGETOWN, NAIRN, WOODSTOCK, ELORA, HARRISTON, LISTOWEL.
1992: WOODSLEE, RIDGETOWN, NAIRN, WOODSTOCK, ELORA, HARRISTON.
1993: RIDGETOWN, WINTHROP, NAIRN, LONDON, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.
1994: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1994

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR(S) : 92-94
 AREA : 1

KEY NAME	WE92N	RN92N	RN93N	HW94N	RN94N	ID94N	MEAN
1 RUBY	6.93	6.88	4.86	5.90	5.40	5.20	5.86
2 FUNDULEA	7.51	6.42	5.06	5.40	5.36	5.42	5.86
LOCATION MEAN	7.22	6.65	4.96	5.65	5.38	5.31	5.86

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WE92N	RN92N	RN93N	HW94N	RN94N	ID94N	MEAN*
1 RUBY	96	103	98	104	100	98	100
2 FUNDULEA	104	97	102	96	100	102	100
LOCATION MEAN	7.22	6.65	4.96	5.65	5.38	5.31	5.86

TRAIT : YIELD
 YEAR(S) : 92-94
 AREA : 2

KEY NAME	NN92N	WK92N	EA92N	HN92N	WP93N	NN93N	LN93N	EA93N	HN93N	BH93N
1 RUBY	6.25	7.10	8.59	5.23	3.38	5.51	3.35	4.97	3.38	3.78
2 FUNDULEA	5.99	7.98	7.77	4.35	3.57	6.06	3.96	4.66	4.42	4.10
LOCATION MEAN	6.12	7.54	8.18	4.79	3.47	5.78	3.65	4.81	3.90	4.32

KEY NAME	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	MEAN
1 RUBY	6.29	4.82	5.39	5.72	5.27	4.68	5.23
2 FUNDULEA	5.54	4.99	6.01	5.58	5.01	4.27	5.31
LOCATION MEAN	5.91	4.90	5.70	5.65	5.14	4.47	5.27

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NN92N	WK92N	EA92N	HN92N	WP93N	NN93N	LN93N	EA93N	HN93N	BH93N
1 RUBY	102	94	105	109	97	95	92	103	87	88
2 FUNDULEA	98	106	95	91	103	105	108	97	113	112
LOCATION MEAN	6.12	7.54	8.18	4.79	3.47	5.78	3.65	4.81	3.90	4.32

KEY NAME	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	MEAN*
1 RUBY	106	98	95	101	103	105	99
2 FUNDULEA	94	102	105	99	97	95	101
LOCATION MEAN	5.91	4.90	5.70	5.65	5.14	4.47	5.27

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 92-94
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	O193N	KE93N	O194N	KE94N	MEAN
1 RUBY	4.32	4.80	6.76	4.11	5.00
2 FUNDULEA	4.17	5.36	7.32	5.03	5.47
LOCATION MEAN	4.24	5.08	7.04	4.57	5.23

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O193N	KE93N	O194N	KE94N	MEAN*
1 RUBY	102	94	96	90	96
2 FUNDULEA	98	106	104	110	104
LOCATION MEAN	4.24	5.08	7.04	4.57	5.23

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD
 YEAR(S) : 92-94
 AREA : 1-3
 MGMT : NORMAL

KEY NAME	AREA 1 (6)**	AREA 2 (16)	AREA 3 (4)	PROVINCE (26)***
1 RUBY	5.86	5.23	5.00	5.34
2 FUNDULEA	5.86	5.31	5.47	5.46
OVERALL MEAN	5.86	5.27	5.23	5.40

DATA EXPRESSED RELATIVE TO LOCATION MEANS

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1	AREA 2	AREA 3	PROVINCE
1 RUBY	100.0	98.7	95.6	98.5
2 FUNDULEA	100.0	101.3	104.4	101.5
OVERALL MEAN	5.86	5.27	5.23	5.40

** # OF LOCATIONS

*** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1994

YEAR(S): 92-94
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
	RK	T/HA													
1 RUBY	1	5.86	76.9	37	90	1.6	96	157	3.0	0.8	6.0	2.0	0.8	.	3.0
2 FUNDULEA	1	5.86	77.0	36	89	0.0	92	159	2.3	0.8	7.0	6.0	0.7	.	1.5
LOCATIONS		6	4	4	2	5	7	7	4	4	1	1	3	0	1

YIELD AVERAGES WERE BASED ON DATA FROM:

1992: WOODSLEE, RIDGETOWN.
1993: RIDGETOWN.
1994: HARROW, RIDGETOWN, INWOOD.

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
	RK	T/HA													
1 RUBY	2	5.23	73.4	36	93	1.2	91	165	4.1	1.5	3.5	3.4	1.2	1.5	3.0
2 FUNDULEA	1	5.31	74.9	33	93	0.4	90	167	1.8	1.1	3.2	5.6	0.5	1.5	2.2
LOCATIONS		16	17	17	8	11	17	13	6	3	10	5	1	2	3

YIELD AVERAGES WERE BASED ON DATA FROM:

1992: NAIRN, WOODSTOCK, ELORA, HARRISTON.
1993: WINTHROP NAIRN, LONDON, ELORA, HARRISTON, BATH.
1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON BATH.

YEAR(S): 93-94+
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
	RK	T/HA													
1 RUBY	2	5.00	80.8	41	88	0.2	94	171	6.0	.	.	.	.	.	.
2 FUNDULEA	1	5.47	81.4	39	83	0.0	89	173	0.8	.	.	.	.	.	.
LOCATIONS		4	6	6	4	2	6	5	1	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

+1992: THERE ARE NO DATA FOR AREA 3 IN 1992
1993: KEMPTVILLE, OTTAWA-1.
1994: KEMPTVILLE, OTTAWA-1.

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
	RK	T/HA													
1 RUBY	2	5.34	75.6	37	91	1.2	93	164	3.9	1.1	3.7	3.1	0.9	1.5	3.0
2 FUNDULEA	1	5.46	76.6	35	90	0.2	90	166	1.8	0.9	3.6	5.7	0.6	1.5	2.0
LOCATIONS		26	27	27	14	18	30	25	11	7	11	6	4	2	4

YIELD AVERAGES WERE BASED ON DATA FROM:

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

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1994

TRAIT : YIELD
 YEAR : 94
 AREA : 1

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	HW94N	RN94N	ID94N	MEAN
1 RUBY	5.90	5.40	5.20	5.50
2 FUNDULEA	5.40	5.36	5.42	5.39
3 MV.12;M.8.1	4.40	5.06	5.32	4.93
LOCATION MEAN	5.23	5.27	5.31	5.27

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	HW94N	RN94N	ID94N	MEAN*
1 RUBY	113	102	98	104
2 FUNDULEA	103	102	102	102
3 MV.12;M.8.1	84	96	100	93
LOCATION MEAN	5.23	5.27	5.31	5.27

TRAIT : YIELD
 YEAR : 94
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	MEAN
1 RUBY	6.29	4.82	5.39	5.72	5.27	4.68	5.36
2 FUNDULEA	5.54	4.99	6.01	5.58	5.01	4.27	5.23
3 MV.12;M.8.1	5.50	5.06	5.52	6.00	4.03	3.56	4.95
LOCATION MEAN	5.78	4.96	5.64	5.77	4.77	4.17	5.18

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	MEAN*
1 RUBY	109	97	96	99	110	112	104
2 FUNDULEA	96	101	107	97	105	102	101
3 MV.12;M.8.1	95	102	98	104	84	85	95
LOCATION MEAN	5.78	4.96	5.64	5.77	4.77	4.17	5.18

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1994

TRAIT : YIELD
 YEAR : 94
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	O194N	KE94N	MEAN
1 RUBY	6.76	4.11	5.44
2 FUNDULEA	7.32	5.03	6.18
3 MV.12;M.8.1	6.29	3.74	5.01
LOCATION MEAN	6.79	4.29	5.54

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O194N	KE94N	MEAN*
1 RUBY	100	96	98
2 FUNDULEA	108	117	112
3 MV.12;M.8.1	93	87	90
LOCATION MEAN	6.79	4.29	5.54

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD
 YEAR(S) : 1994
 AREA : 1-3
 MGMT : NORMAL

KEY NAME	AREA 1 (3)**	AREA 2 (6)	AREA 3 (2)	PROVINCE (11)***
1 RUBY	5.50	5.36	5.44	5.41
2 FUNDULEA	5.39	5.23	6.18	5.45
3 MV.12;M.8.1	4.93	4.95	5.01	4.95
OVERALL MEAN	5.27	5.18	5.54	5.27

DATA EXPRESSED RELATIVE TO LOCATION MEANS

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1	AREA 2	AREA 3	PROVINCE
1 RUBY	104.3	103.9	97.6	102.9
2 FUNDULEA	102.3	101.2	112.5	103.6
3 MV.12;M.8.1	93.4	94.8	89.9	93.5
OVERALL MEAN	5.27	5.18	5.54	5.27

** # OF LOCATIONS
 *** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1994

YEAR : 94
 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
	RK	T/HA													
1 RUBY	1	5.50	77.0	36	.	2.0	97	157	3.3	1.0	6.0	2.0	0.0	.	.
2 FUNDULEA	2	5.39	77.7	36	.	0.0	95	159	2.7	0.5	7.0	6.0	0.0	.	.
3 MV.12;M.8.1	3	4.93	76.0	37	.	0.0	86	159	2.3	4.5	8.0	3.0	0.1	.	.
LOCATIONS		3	2	2	0	2	3	3	3	2	1	1	1	0	0

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

YEAR : 94
 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
	RK	T/HA													
1 RUBY	1	5.36	75.3	39	90	1.3	88	166	3.7	1.5	3.8	3.6	1.2	2.0	.
2 FUNDULEA	2	5.23	76.4	35	93	0.4	86	169	1.8	1.5	4.4	5.8	0.5	2.0	.
3 MV.12;M.8.1	3	4.95	75.2	37	90	0.5	77	168	1.3	1.5	6.0	6.3	0.7	3.7	.
LOCATIONS		6	6	6	4	5	6	4	3	1	4	4	1	1	0

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

YEAR : 94
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 RUBY	2	5.44	81.3	38	97	0.3	98	180	6.0	.	.	.	.	.	.
2 FUNDULEA	1	6.18	80.9	37	97	0.0	94	182	0.8	.	.	.	.	.	.
3 MV.12;M.8.1	3	5.01	78.6	41	96	0.0	85	181	3.0	.	.	.	.	.	.
LOCATIONS		2	2	2	1	1	2	2	1	0	0	0	0	0	0

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

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

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 RUBY	2	5.41	76.8	38	92	1.3	92	166	3.9	1.2	4.3	3.3	0.6	2.0	.
2 FUNDULEA	1	5.45	77.6	35	94	0.2	90	168	2.0	0.8	4.9	5.9	0.3	2.0	.
3 MV.12;M.8.1	3	4.95	76.0	38	91	0.3	81	168	2.0	3.5	6.4	5.6	0.4	3.7	.
LOCATIONS		11	10	10	5	8	11	9	7	3	5	5	2	1	0

YIELD AVERAGES WERE BASED ON DATA FROM: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1994

LOCATION - HARROW
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 RUBY	1	5.90	.	.	.	.	97	152	2.0	1.0	.	.	.	.	.
2 FUNDULEA	2	5.40	.	.	.	.	93	153	2.0	1.0	.	.	.	.	.
3 M.8.1;MV.12	3	4.40	.	.	.	.	84	153	2.0	6.0	.	.	.	.	.
MEANS		5.23	.	.	.	.	91	153	2.0	2.7	.	.	.	.	.

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	MAT *
	RK	T/HA													
1 RUBY	1	5.40	77.6	35	.	1.0	99	160	5.0	1.0	.	.	.	.	197
2 FUNDULEA	2	5.36	77.5	33	.	0.0	99	162	5.0	0.0	.	.	.	.	198
3 M.8.1;MV.12	3	5.06	75.6	36	.	0.0	87	161	3.0	3.0	.	.	.	.	196
MEANS		5.27	76.9	35	.	0.3	95	161	4.3	1.3	.	.	.	.	197

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
	RK	T/HA													
1 RUBY	3	5.20	76.4	36	.	3.0	96	160	3.0	.	6.0	2.0	0.0	.	.
2 FUNDULEA	1	5.42	77.9	38	.	0.0	93	162	1.0	.	7.0	6.0	0.0	.	.
3 M.8.1;MV.12	2	5.32	76.4	38	.	0.0	87	162	2.0	.	8.0	3.0	0.1	.	.
MEANS		5.31	76.9	37	.	1.0	92	161	2.0	.	7.0	3.7	0.0	.	.

LOCATION - WINTHROP
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
	RK	T/HA													
1 RUBY	1	6.29	78.5	43	97	0.0	95	164	3.5	1.5	4.3	3.0	.	.	.
2 FUNDULEA	2	5.54	76.8	34	97	0.0	97	168	2.5	1.5	4.8	6.0	.	.	.
3 M.8.1;MV.12	3	5.50	75.6	40	97	0.0	84	167	1.0	1.5	5.8	7.0	.	.	.
MEANS		5.78	77.0	39	97	.	92	166	2.3	1.5	5.0	5.3	.	.	.

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	MAT *
	RK	T/HA													
1 RUBY	3	4.82	77.1	37	.	2.8	94	161	5.5	.	5.0	5.6	.	.	195
2 FUNDULEA	2	4.99	76.9	36	.	0.8	93	163	2.0	.	5.5	8.3	.	.	196
3 M.8.1;MV.12	1	5.06	75.9	36	.	0.3	84	162	2.0	.	7.0	9.0	.	.	195
MEANS		4.96	76.6	36	.	1.3	90	162	3.2	.	5.8	7.6	.	.	195

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1994

LOCATION - LONDON
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 RUBY	3	5.39	76.4	36	.	1.0	104	.	2.0	.	4.0	2.0	1.2	.	.
2 FUNDULEA	1	6.01	78.8	34	.	0.0	101	.	1.0	.	5.0	4.0	0.5	.	.
3 M.8.1;MV.12	2	5.52	75.3	35	.	0.0	90	.	1.0	.	8.0	6.0	0.7	.	.
MEANS		5.64	76.8	35	.	0.3	98	.	1.3	.	5.7	4.0	0.8	.	.

LOCATION - ELORA
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	MAT *
	RK	T/HA													
1 RUBY	2	5.72	66.1	42	96	.	82	170	.	.	.	.	.	.	207
2 FUNDULEA	3	5.58	74.3	35	100	.	80	170	.	.	.	.	.	.	205
3 M.8.1;MV.12	1	6.00	77.3	39	99	.	77	169	.	.	.	.	.	.	205
MEANS		5.77	72.6	39	98	.	79	170	.	.	.	.	.	.	206

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
	RK	T/HA													
1 RUBY	1	5.27	74.0	40	86	0.0	79	169	.	.	2.0	3.7	.	.	.
2 FUNDULEA	2	5.01	73.6	36	94	0.0	70	173	.	.	2.3	5.0	.	.	.
3 M.8.1;MV.12	3	4.03	70.2	36	86	0.0	65	172	.	.	3.3	3.0	.	.	.
MEANS		4.77	72.6	37	89	.	71	171	.	.	2.5	3.9	.	.	.

LOCATION - BATH
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
	RK	T/HA													
1 RUBY	1	4.68	79.6	34	82	2.5	75	.	.	.	.	.	.	.	.
2 FUNDULEA	2	4.27	78.2	33	82	1.0	75	.	.	.	.	.	.	.	.
3 M.8.1;MV.12	3	3.56	76.6	36	79	2.0	63	.	.	.	.	.	.	.	.
MEANS		4.17	78.1	34	81	1.8	71	.	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1994

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	MAT *
	RK	T/HA													
1 RUBY	2	6.76	78.1	39	97	0.3	93	167	6.0	.	.	.	.	.	195
2 FUNDULEA	1	7.32	76.9	37	97	0.0	85	169	0.8	.	.	.	.	.	195
3 M.8.1;MV.12	3	6.29	76.2	40	96	0.0	80	167	3.0	.	.	.	.	.	193
MEANS		6.79	77.1	38	97	0.1	86	168	3.3	.	.	.	.	.	194

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
	RK	T/HA													
1 RUBY	2	4.11	84.4	37	.	.	102	193	.	.	.	.	.	.	.
2 FUNDULEA	1	5.03	84.9	36	.	.	103	195	.	.	.	.	.	.	.
3 M.8.1;MV.12	3	3.74	80.9	41	.	.	90	195	.	.	.	.	.	.	.
MEANS		4.30	83.4	38	.	.	98	194	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL RED AND PASTRY WHEAT 1994

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LEGEND

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

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

LOCATIONS ABBREVIATIONS

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

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR(S): 93-94
 AREA : 1

KEY NAME	RN93N	HW94N	RN94N	ID94N	MEAN
1 HARUS	4.45	4.80	5.49	5.32	5.01
2 REBECCA	4.21	6.00	5.23	5.47	5.23
3 ZAVITZ	4.36	5.60	4.73	4.75	4.86
4 KARENA	4.14	5.30	5.17	5.29	4.98
5 AC RON	4.30	5.20	5.07	5.68	5.06
6 OAC87W.22	4.38	5.30	5.03	5.27	5.00
7 DELAWARE	4.10	5.30	4.86	5.17	4.86
8 CASEY	4.89	5.20	5.57	4.99	5.16
9 RUBY	4.86	5.90	5.40	5.20	5.34
10 FUNDULEA	5.06	5.40	5.36	5.42	5.31
11 MV.12	3.92	4.40	5.06	5.32	4.67
12 DIANA	4.27	5.30	5.53	5.18	5.07
LOCATION MEAN	4.41	5.31	5.21	5.25	5.05

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	RN93N	HW94N	RN94N	ID94N	MEAN*
1 HARUS	101	90	105	101	99
2 REBECCA	95	113	100	104	103
3 ZAVITZ	99	105	91	90	96
4 KARENA	94	100	99	101	98
5 AC RON	97	98	97	108	100
6 OAC87W.22	99	100	97	100	99
7 DELAWARE	93	100	93	98	96
8 CASEY	111	98	107	95	103
9 RUBY	110	111	104	99	106
10 FUNDULEA	115	102	103	103	106
11 MV.12	89	83	97	101	93
12 DIANA	97	100	106	99	100
LOCATION MEAN	4.41	5.31	5.21	5.25	5.05

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 93-94
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WP93N	NN93N	LN93N	EA93N	HN93N	BH93N	WP94N	NN94N	LN94N	EA94N
1 HARUS	3.30	5.54	3.76	4.66	4.03	5.19	6.09	5.17	5.42	5.81
2 REBECCA	2.92	5.31	3.60	4.70	3.65	4.41	6.83	5.25	6.17	6.17
3 ZAVITZ	3.11	4.98	3.92	4.65	3.61	4.24	6.22	4.71	5.29	6.22
4 KARENA	3.15	5.43	3.43	4.53	2.76	4.38	6.30	5.26	5.30	5.98
5 AC RON	3.03	5.50	3.90	4.70	2.95	4.94	6.56	5.41	5.63	6.25
6 OAC87W.22	2.94	5.34	3.51	4.77	2.91	4.41	5.90	5.05	5.83	5.82
7 DELAWARE	2.83	5.60	3.85	4.60	3.51	4.39	6.47	5.28	5.90	6.55
8 CASEY	3.45	5.52	3.91	4.74	3.38	4.73	6.38	5.22	5.83	6.33
9 RUBY	3.38	5.51	3.35	4.97	3.38	3.78	6.29	4.82	5.39	5.72
10 FUNDULEA	3.57	6.06	3.96	4.66	4.42	4.85	5.54	4.99	6.01	5.58
11 MV.12	2.56	5.26	2.79	3.85	2.42	3.34	5.50	5.06	5.52	6.00
12 DIANA	2.78	5.23	3.78	4.48	2.99	5.18	6.38	5.46	6.01	6.27
LOCATION MEAN	3.09	5.44	3.65	4.61	3.33	4.49	6.20	5.14	5.69	6.06

KEY NAME	HN94N	BH94N	MEAN
1 HARUS	5.48	3.38	4.82
2 REBECCA	5.55	4.24	4.90
3 ZAVITZ	5.68	4.28	4.74
4 KARENA	5.56	4.59	4.72
5 AC RON	5.64	4.63	4.93
6 OAC87W.22	5.26	5.21	4.75
7 DELAWARE	5.13	4.37	4.87
8 CASEY	5.04	4.30	4.90
9 RUBY	5.27	4.68	4.71
10 FUNDULEA	5.01	4.27	4.91
11 MV.12	4.03	3.56	4.16
12 DIANA	5.16	4.73	4.87
LOCATION MEAN	5.23	4.35	4.77

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 93-94
 AREA : 2

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WP93N	NN93N	LN93N	EA93N	HN93N	BH93N	WP94N	NN94N	LN94N	EA94N
1 HARUS	107	102	103	101	121	116	98	101	95	96
2 REBECCA	95	98	99	102	109	98	110	102	108	102
3 ZAVITZ	101	92	107	101	108	95	100	92	93	103
4 KARENA	102	100	94	98	83	98	102	102	93	99
5 AC RON	98	101	107	102	88	110	106	105	99	103
6 OAC87W.22	95	98	96	103	87	98	95	98	102	96
7 DELAWARE	92	103	106	100	105	98	104	103	104	108
8 CASEY	112	101	107	103	101	105	103	102	102	104
9 RUBY	110	101	92	108	101	84	101	94	95	94
10 FUNDULEA	116	111	109	101	133	108	89	97	106	92
11 MV.12	83	97	77	84	73	74	89	98	97	99
12 DIANA	90	96	104	97	90	115	103	106	106	103
LOCATION MEAN	3.09	5.44	3.65	4.61	3.33	4.49	6.20	5.14	5.69	6.06

KEY NAME	HN94N	BH94N	MEAN*
1 HARUS	105	78	102
2 REBECCA	106	97	102
3 ZAVITZ	109	98	100
4 KARENA	106	105	99
5 AC RON	108	106	103
6 OAC87W.22	100	120	99
7 DELAWARE	98	100	102
8 CASEY	96	99	103
9 RUBY	101	108	99
10 FUNDULEA	96	98	105
11 MV.12	77	82	86
12 DIANA	99	109	101
LOCATION MEAN	5.23	4.35	4.77

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR(S) : 93-94
 AREA : 3

KEY NAME	O193N	KE93N	O194N	KE94N	MEAN
1 HARUS	3.90	5.93	7.32	4.42	5.39
2 REBECCA	3.93	6.18	7.05	4.71	5.47
3 ZAVITZ	5.12	6.64	7.52	5.06	6.09
4 KARENA	4.86	6.14	7.61	5.01	5.91
5 AC RON	4.30	6.03	7.68	5.11	5.78
6 OAC87W.22	4.96	5.70	6.52	4.29	5.37
7 DELAWARE	5.15	5.77	7.09	4.11	5.53
8 CASEY	4.23	6.22	7.35	4.79	5.65
9 RUBY	4.32	4.80	6.76	4.11	5.00
10 FUNDULEA	4.17	5.36	7.32	5.03	5.47
11 MV.12	3.28	4.65	6.29	3.74	4.49
12 DIANA	3.99	6.58	7.59	5.06	5.80
LOCATION MEAN	4.35	5.83	7.18	4.62	5.49

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O193N	KE93N	O194N	KE94N	MEAN*
1 HARUS	90	102	102	96	97
2 REBECCA	90	106	98	102	99
3 ZAVITZ	118	114	105	110	111
4 KARENA	112	105	106	108	108
5 AC RON	99	103	107	111	105
6 OAC87W.22	114	98	91	93	99
7 DELAWARE	118	99	99	89	101
8 CASEY	97	107	102	104	102
9 RUBY	99	82	94	89	91
10 FUNDULEA	96	92	102	109	100
11 MV.12	75	80	88	81	81
12 DIANA	92	113	106	110	105
LOCATION MEAN	4.35	5.83	7.18	4.62	5.49

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 93-94
 AREA : 1-3
 MGMT : NORMAL

KEY NAME	AREA 1 (4)*	AREA 2 (12)	AREA 3 (4)	PROVINCE (20)**
1 HARUS	5.01	4.82	5.39	4.97
2 REBECCA	5.23	4.90	5.47	5.08
3 ZAVITZ	4.86	4.74	6.09	5.03
4 KARENA	4.98	4.72	5.91	5.01
5 AC RON	5.06	4.93	5.78	5.13
6 OAC87W.22	5.00	4.75	5.37	4.92
7 DELAWARE	4.86	4.87	5.53	5.00
8 CASEY	5.16	4.90	5.65	5.10
9 RUBY	5.34	4.71	5.00	4.89
10 FUNDULEA	5.31	4.91	5.47	5.10
11 MV.12	4.67	4.16	4.49	4.33
12 DIANA	5.07	4.87	5.80	5.10
OVERALL MEAN	5.05	4.77	5.49	4.97

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	AREA 1	AREA 2	AREA 3	PROVINCE
1 HARUS	99.5	101.8	97.2	100.4
2 REBECCA	103.2	102.2	99.1	101.8
3 ZAVITZ	96.4	99.8	111.5	101.5
4 KARENA	98.4	98.5	107.9	100.4
5 AC RON	100.2	102.8	105.0	102.7
6 OAC87W.22	99.0	99.2	98.9	99.1
7 DELAWARE	96.1	101.7	101.3	100.5
8 CASEY	102.7	103.0	102.5	102.9
9 RUBY	106.0	99.1	91.2	98.9
10 FUNDULEA	105.6	104.6	99.7	103.8
11 MV.12	92.5	85.7	80.9	86.1
12 DIANA	100.3	101.5	105.0	101.9
OVERALL MEAN	5.05	4.77	5.49	4.97

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

YEAR(S): 93-94
 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
	RK	T/HA													
1 HARUS	7	5.01	72.7	34	.	0.8	101	157	2.0	4.3	6.0	7.0	1.4	.	4.8
2 REBECCA	3	5.23	71.7	33	.	2.4	98	158	2.0	4.3	6.0	2.0	0.8	.	4.3
3 ZAVITZ	10	4.86	70.3	38	.	2.2	105	160	2.3	1.6	4.0	3.0	0.6	.	3.8
4 KARENA	9	4.98	71.9	32	.	1.8	104	158	1.5	3.3	4.0	5.0	0.9	.	3.3
5 AC RON	6	5.06	69.4	30	.	2.1	105	158	1.8	4.2	4.0	5.0	0.9	.	3.3
6 OAC87W.22	8	5.00	73.7	31	.	0.5	93	159	2.0	4.6	6.0	6.0	0.3	.	3.5
7 DELAWARE	10	4.86	67.6	34	.	4.7	98	161	1.3	3.3	6.0	2.0	0.6	.	4.8
8 CASEY	4	5.16	72.3	34	.	1.5	94	157	2.3	1.8	4.0	2.0	1.1	.	3.0
9 RUBY	1	5.34	76.5	35	.	1.8	97	157	3.0	0.8	6.0	2.0	0.8	.	3.0
10 FUNDULEA	2	5.31	76.7	34	.	0.0	95	159	2.3	0.8	7.0	6.0	0.7	.	1.5
11 MV.12	12	4.67	73.8	35	.	0.1	87	158	2.0	3.6	8.0	3.0	1.9	.	5.8
12 DIANA	5	5.07	71.2	31	.	0.6	100	159	2.3	3.4	6.0	2.0	1.1	.	3.5
LOCATIONS		4	3	3	0	3	5	5	4	4	1	1	3	0	1

YIELD AVERAGES WERE BASED ON DATA FROM:
 1993: RIDGETOWN.
 1994: HARROW, RIDGETOWN, INWOOD.

YEAR(S): 93-94
 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
	RK	T/HA													
1 HARUS	7	4.82	71.5	34	91	1.2	98	166	1.4	4.3	2.7	5.6	0.7	2.0	1.3
2 REBECCA	3	4.90	69.3	34	93	1.1	94	167	2.2	4.3	2.3	2.0	1.1	3.7	1.8
3 ZAVITZ	9	4.74	67.4	38	95	2.8	102	168	2.4	1.3	3.0	2.7	0.7	3.7	2.2
4 KARENA	10	4.72	69.0	33	94	1.5	101	167	2.1	3.0	2.4	3.7	1.5	3.3	2.3
5 AC RON	1	4.93	69.0	33	94	1.7	99	167	2.5	4.5	2.2	3.6	1.3	1.3	2.7
6 OAC87W.22	8	4.75	70.5	31	91	1.0	92	168	2.3	5.0	2.5	3.7	1.2	1.3	1.9
7 DELAWARE	5	4.87	67.3	36	94	2.5	96	169	1.7	6.0	2.5	3.0	1.0	3.7	2.3
8 CASEY	3	4.90	69.0	33	94	1.4	94	166	2.0	4.3	3.1	4.4	1.8	3.0	1.4
9 RUBY	11	4.71	72.4	34	93	1.4	89	166	3.8	1.8	3.3	3.6	1.2	2.0	2.6
10 FUNDULEA	2	4.91	74.8	33	95	0.4	89	168	2.0	0.8	3.2	5.8	0.5	2.0	2.0
11 MV.12	12	4.16	69.7	33	93	0.5	80	167	1.6	3.3	5.0	6.3	0.7	3.7	2.5
12 DIANA	5	4.87	68.0	31	94	0.9	99	168	1.8	2.5	2.6	3.0	1.2	3.0	1.9
LOCATIONS		12	13	13	6	9	13	9	5	2	8	4	1	1	2

YIELD AVERAGES WERE BASED ON DATA FROM:
 1993: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.
 1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.

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

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

YEAR(S) : 93-94
 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
1 HARUS	9 5.39	79.2	39	78	0.0	104	175	2.3	.	.	.	.	.	.
2 REBECCA	7 5.47	77.4	39	89	0.5	102	175	3.0	.	.	.	.	.	.
3 ZAVITZ	1 6.09	77.2	47	92	0.0	110	176	2.0	.	.	.	.	.	.
4 KARENA	2 5.91	79.8	38	86	0.0	110	174	0.3	.	.	.	.	.	.
5 AC RON	4 5.78	77.4	38	84	0.2	110	175	4.0	.	.	.	.	.	.
6 OAC87W.22	10 5.37	79.3	36	87	1.8	100	176	1.0	.	.	.	.	.	.
7 DELAWARE	6 5.53	76.0	43	92	2.9	99	177	0.8	.	.	.	.	.	.
8 CASEY	5 5.65	78.7	39	79	0.5	96	174	2.0	.	.	.	.	.	.
9 RUBY	11 5.00	82.7	40	87	0.2	99	174	6.0	.	.	.	.	.	.
10 FUNDULEA	7 5.47	83.1	37	79	0.0	94	176	0.8	.	.	.	.	.	.
11 MV.12	12 4.49	79.2	41	85	0.0	85	175	3.0	.	.	.	.	.	.
12 DIANA	3 5.80	77.6	34	87	0.8	107	175	1.0	.	.	.	.	.	.
LOCATIONS	4	4	4	3	2	4	4	1	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: KEMPTVILLE, OTTAWA-1.

1994: KEMPTVILLE, OTTAWA-1.

YEAR(S) : 93-94
 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
1 HARUS	9 4.97	73.2	35	86	0.9	100	166	1.7	4.3	3.1	5.9	1.2	2.0	2.4
2 REBECCA	5 5.08	71.3	35	92	1.3	96	166	2.2	4.3	2.7	2.0	0.9	3.7	2.6
3 ZAVITZ	6 5.03	69.8	40	94	2.3	104	167	2.3	1.5	3.1	2.8	0.6	3.7	2.7
4 KARENA	7 5.01	71.6	34	91	1.3	103	166	1.7	3.2	2.6	4.0	1.1	3.3	2.6
5 AC RON	1 5.13	70.8	34	90	1.6	102	166	2.3	4.3	2.4	3.9	1.0	1.3	2.9
6 OAC87W.22	10 4.92	72.8	32	90	1.0	94	167	2.0	4.7	2.9	4.1	0.6	1.3	2.4
7 DELAWARE	8 5.00	69.1	37	93	3.0	97	168	1.4	4.2	2.9	2.8	0.7	3.7	3.1
8 CASEY	2 5.10	71.4	34	89	1.3	94	166	2.1	2.6	3.2	3.9	1.3	3.0	1.9
9 RUBY	11 4.89	75.1	35	91	1.3	93	165	3.7	1.1	3.6	3.3	0.9	2.0	2.7
10 FUNDULEA	2 5.10	76.8	34	90	0.3	91	167	2.0	0.8	3.6	5.9	0.6	2.0	1.8
11 MV.12	12 4.33	72.2	35	90	0.3	82	166	1.9	3.5	5.3	5.6	1.6	3.7	3.6
12 DIANA	2 5.10	70.4	32	92	0.8	101	167	1.9	3.1	3.0	2.8	1.2	3.0	2.4
LOCATIONS	20	20	20	9	14	22	18	10	6	9	5	4	1	3

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.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR : 94
 AREA : 1

KEY NAME	HW94N	RN94N	ID94N	MEAN
1 HARUS	4.80	5.49	5.32	5.20
2 REBECCA	6.00	5.23	5.47	5.57
3 ZAVITZ	5.60	4.73	4.75	5.03
4 KARENA	5.30	5.17	5.29	5.25
5 AC RON	5.20	5.07	5.68	5.32
6 OAC87W.22	5.30	5.03	5.27	5.20
7 DELAWARE	5.30	4.86	5.17	5.11
8 CASEY	5.20	5.57	4.99	5.25
9 RUBY	5.90	5.40	5.20	5.50
10 FUNDULEA	5.40	5.36	5.42	5.39
11 MV.12	4.40	5.06	5.32	4.93
12 DIANA	5.30	5.53	5.18	5.34
13 MARILEE	5.30	5.13	5.53	5.32
14 H223.24.3	5.20	5.16	5.25	5.20
LOCATION MEAN	5.30	5.20	5.27	5.26

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	HW94N	RN94N	ID94N	MEAN*
1 HARUS	91	106	101	99
2 REBECCA	113	101	104	106
3 ZAVITZ	106	91	90	96
4 KARENA	100	99	100	100
5 AC RON	98	98	108	101
6 OAC87W.22	100	97	100	99
7 DELAWARE	100	93	98	97
8 CASEY	98	107	95	100
9 RUBY	111	104	99	105
10 FUNDULEA	102	103	103	103
11 MV.12	83	97	101	94
12 DIANA	100	106	98	102
13 MARILEE	100	99	105	101
14 H223.24.3	98	99	100	99
LOCATION MEAN	5.30	5.20	5.27	5.26

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR : 94
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	MEAN
1 HARUS	6.09	5.17	5.42	5.81	5.48	3.38	5.22
2 REBECCA	6.83	5.25	6.17	6.17	5.55	4.24	5.70
3 ZAVITZ	6.22	4.71	5.29	6.22	5.68	4.28	5.40
4 KARENA	6.30	5.26	5.30	5.98	5.56	4.59	5.50
5 AC RON	6.56	5.41	5.63	6.25	5.64	4.63	5.69
6 OAC87W.22	5.90	5.05	5.83	5.82	5.26	5.21	5.51
7 DELAWARE	6.47	5.28	5.90	6.55	5.13	4.37	5.62
8 CASEY	6.38	5.22	5.83	6.33	5.04	4.30	5.52
9 RUBY	6.29	4.82	5.39	5.72	5.27	4.68	5.36
10 FUNDULEA	5.54	4.99	6.01	5.58	5.01	4.27	5.23
11 MV.12	5.50	5.06	5.52	6.00	4.03	3.56	4.95
12 DIANA	6.38	5.46	6.01	6.27	5.16	4.73	5.67
13 MARILEE	6.60	5.37	5.60	6.35	5.56	4.64	5.69
14 H223.24.3	5.77	4.85	5.58	5.88	5.74	5.01	5.47
LOCATION MEAN	6.20	5.14	5.68	6.07	5.29	4.42	5.47

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	MEAN*
1 HARUS	98	101	95	96	104	76	95
2 REBECCA	110	102	109	102	105	96	104
3 ZAVITZ	100	92	93	103	107	97	99
4 KARENA	102	102	93	99	105	104	101
5 AC RON	106	105	99	103	107	105	104
6 OAC87W.22	95	98	103	96	99	118	102
7 DELAWARE	104	103	104	108	97	99	102
8 CASEY	103	102	103	104	95	97	101
9 RUBY	101	94	95	94	100	106	98
10 FUNDULEA	89	97	106	92	95	97	96
11 MV.12	89	99	97	99	76	81	90
12 DIANA	103	106	106	103	97	107	104
13 MARILEE	106	105	99	105	105	105	104
14 H223.24.3	93	94	98	97	108	113	101
LOCATION MEAN	6.20	5.14	5.68	6.07	5.29	4.42	5.47

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR : 94
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	O194N	KE94N	MEAN
1 HARUS	7.32	4.42	5.87
2 REBECCA	7.05	4.71	5.88
3 ZAVITZ	7.52	5.06	6.29
4 KARENA	7.61	5.01	6.31
5 AC RON	7.68	5.11	6.39
6 OAC87W.22	6.52	4.29	5.40
7 DELAWARE	7.09	4.11	5.60
8 CASEY	7.35	4.79	6.07
9 RUBY	6.76	4.11	5.44
10 FUNDULEA	7.32	5.03	6.18
11 MV.12	6.29	3.74	5.01
12 DIANA	7.59	5.06	6.32
13 MARILEE	7.74	5.76	6.75
14 H223.24.3	7.64	5.28	6.46
LOCATION MEAN	7.25	4.75	6.00

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O194N	KE94N	MEAN*
1 HARUS	101	93	97
2 REBECCA	97	99	98
3 ZAVITZ	104	107	105
4 KARENA	105	106	105
5 AC RON	106	108	107
6 OAC87W.22	90	90	90
7 DELAWARE	98	87	92
8 CASEY	101	101	101
9 RUBY	93	87	90
10 FUNDULEA	101	106	103
11 MV.12	87	79	83
12 DIANA	105	107	106
13 MARILEE	107	121	114
14 H223.24.3	105	111	108
LOCATION MEAN	7.25	4.75	6.00

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

TRAIT : YIELD
 YEAR : 94
 AREA : 1-3
 MGMT : NORMAL

KEY NAME	AREA 1 (3)*	AREA 2 (6)	AREA 3 (2)	PROVINCE (11)**
1 HARUS	5.20	5.22	5.87	5.34
2 REBECCA	5.57	5.70	5.88	5.70
3 ZAVITZ	5.03	5.40	6.29	5.46
4 KARENA	5.25	5.50	6.31	5.58
5 AC RON	5.32	5.69	6.39	5.71
6 OAC87W.22	5.20	5.51	5.40	5.41
7 DELAWARE	5.11	5.62	5.60	5.48
8 CASEY	5.25	5.52	6.07	5.55
9 RUBY	5.50	5.36	5.44	5.41
10 FUNDULEA	5.39	5.23	6.18	5.45
11 MV.12	4.93	4.95	5.01	4.95
12 DIANA	5.34	5.67	6.32	5.70
13 MARILEE	5.32	5.69	6.75	5.78
14 H223.24.3	5.20	5.47	6.46	5.58
OVERALL MEAN	5.26	5.47	6.00	5.51

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	AREA 1	AREA 2	AREA 3	PROVINCE
1 HARUS	99.0	95.0	97.0	96.5
2 REBECCA	105.8	103.9	98.2	103.4
3 ZAVITZ	95.6	98.6	105.2	99.0
4 KARENA	99.9	100.8	105.2	101.4
5 AC RON	101.1	104.1	106.8	103.8
6 OAC87W.22	98.9	101.6	90.1	98.8
7 DELAWARE	97.2	102.5	92.2	99.1
8 CASEY	100.0	100.7	101.1	100.6
9 RUBY	104.6	98.3	89.9	98.5
10 FUNDULEA	102.6	95.9	103.5	99.1
11 MV.12	93.7	90.0	82.8	89.7
12 DIANA	101.5	103.8	105.6	103.5
13 MARILEE	101.2	104.0	114.0	105.1
14 H223.24.3	99.0	100.7	108.3	101.6
OVERALL MEAN	5.26	5.47	6.00	5.51

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

YEAR : 94
 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
	RK	T/HA													
1 HARUS	9	5.20	73.8	36	.	1.0	100	157	2.3	5.0	6.0	7.0	0.2	.	.
2 REBECCA	1	5.57	73.4	36	.	2.5	99	158	2.3	5.0	6.0	2.0	1.0	.	.
3 ZAVITZ	13	5.03	71.7	40	.	2.0	107	160	2.7	1.0	4.0	3.0	0.1	.	.
4 KARENA	7	5.25	73.9	35	.	2.0	104	158	2.0	3.0	4.0	5.0	0.3	.	.
5 AC RON	5	5.32	71.1	34	.	2.5	104	159	2.0	4.5	4.0	5.0	0.4	.	.
6 OAC87W.22	9	5.20	75.0	34	.	0.5	90	159	2.3	5.0	6.0	6.0	0.2	.	.
7 DELAWARE	12	5.11	69.2	37	.	5.5	98	161	1.3	3.0	6.0	2.0	0.4	.	.
8 CASEY	7	5.25	71.8	34	.	1.0	94	157	2.7	1.5	4.0	2.0	0.0	.	.
9 RUBY	2	5.50	77.0	36	.	2.0	97	157	3.3	1.0	6.0	2.0	0.0	.	.
10 FUNDULEA	3	5.39	77.7	36	.	0.0	95	159	2.7	0.5	7.0	6.0	0.0	.	.
11 M.8.1;MV.12	14	4.93	76.0	37	.	0.0	86	159	2.3	4.5	8.0	3.0	0.1	.	.
12 DIANA	4	5.34	72.8	35	.	0.0	100	159	2.3	3.5	6.0	2.0	0.4	.	.
13 MARILEE	5	5.32	70.2	37	.	1.5	100	160	2.3	5.0	6.0	2.0	0.6	.	.
14 H223.24.3	9	5.20	77.8	33	.	0.0	102	161	2.7	1.0	4.0	4.0	0.1	.	.
LOCATIONS		3	2	2	0	2	3	3	3	2	1	1	1	0	0

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

YEAR : 94
 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
	RK	T/HA													
1 HARUS	13	5.22	74.9	39	87	0.9	94	167	1.0	2.0	2.9	5.6	0.7	2.0	.
2 REBECCA	1	5.70	73.4	40	91	1.2	91	168	1.5	1.0	2.7	2.0	1.1	3.7	.
3 ZAVITZ	10	5.40	71.0	43	92	2.7	100	168	1.4	0.5	3.0	2.7	0.7	3.7	.
4 KARENA	8	5.50	73.9	39	91	1.6	98	168	1.9	1.0	2.9	3.7	1.5	3.3	.
5 AC RON	2	5.69	74.1	39	91	1.4	96	168	1.8	2.0	2.5	3.6	1.3	1.3	.
6 OAC87W.22	7	5.51	75.6	37	88	0.9	87	169	1.7	2.0	2.5	3.7	1.2	1.3	.
7 DELAWARE	5	5.62	72.0	40	90	2.4	94	169	1.0	3.5	2.9	3.0	1.0	3.7	.
8 CASEY	6	5.52	72.1	37	91	1.4	91	167	1.8	2.0	3.7	4.4	1.8	3.0	.
9 RUBY	11	5.36	75.3	39	90	1.3	88	166	3.7	1.5	3.8	3.6	1.2	2.0	.
10 FUNDULEA	12	5.23	76.4	35	93	0.4	86	169	1.8	1.5	4.4	5.8	0.5	2.0	.
11 M.8.1;MV.12	14	4.95	75.2	37	90	0.5	77	168	1.3	1.5	6.0	6.3	0.7	3.7	.
12 DIANA	4	5.67	72.3	36	92	1.0	94	168	1.2	1.0	2.9	3.0	1.2	3.0	.
13 MARILEE	2	5.69	72.2	42	90	0.8	91	168	1.3	2.0	3.1	3.2	0.7	4.7	.
14 H223.24.3	9	5.47	76.3	34	91	0.2	96	170	3.3	0.5	2.4	3.8	0.6	2.0	.
LOCATIONS		6	6	6	4	5	6	4	3	1	4	4	1	1	0

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

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

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

YEAR : 94
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 HARUS	10	5.87	78.9	39	90	0.0	104	181	2.3	.	.	.	.	.	.
2 REBECCA	9	5.88	77.6	41	96	1.0	103	181	3.0	.	.	.	.	.	.
3 ZAVITZ	6	6.29	75.8	47	99	0.0	107	182	2.0	.	.	.	.	.	.
4 KARENA	5	6.31	79.7	40	98	0.0	111	181	0.3	.	.	.	.	.	.
5 AC RON	3	6.39	77.1	39	90	0.3	107	181	4.0	.	.	.	.	.	.
6 OAC87W.22	13	5.40	78.9	37	90	2.0	97	183	1.0	.	.	.	.	.	.
7 DELAWARE	11	5.60	75.3	44	98	4.3	101	183	0.8	.	.	.	.	.	.
8 CASEY	8	6.07	78.4	39	92	1.0	100	180	2.0	.	.	.	.	.	.
9 RUBY	12	5.44	81.3	38	97	0.3	98	180	6.0	.	.	.	.	.	.
10 FUNDULEA	7	6.18	80.9	37	97	0.0	94	182	0.8	.	.	.	.	.	.
11 M.8.1;MV.12	14	5.01	78.6	41	96	0.0	85	181	3.0	.	.	.	.	.	.
12 DIANA	4	6.32	76.7	35	95	0.0	105	182	1.0	.	.	.	.	.	.
13 MARILEE	1	6.75	76.8	43	95	0.3	106	182	6.0	.	.	.	.	.	.
14 H223.24.3	2	6.46	79.1	36	91	0.0	104	183	1.5	.	.	.	.	.	.
LOCATIONS		2	2	2	1	1	2	2	1	0	0	0	0	0	0

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

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

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 HARUS	13	5.34	75.5	38	87	0.8	98	167	1.8	4.0	3.5	5.9	0.4	2.0	.
2 REBECCA	3	5.70	74.2	39	92	1.5	95	167	2.1	3.7	3.4	2.0	1.0	3.7	.
3 ZAVITZ	9	5.46	72.1	43	93	2.2	103	168	2.0	0.8	3.2	2.8	0.4	3.7	.
4 KARENA	5	5.58	75.0	38	92	1.5	102	167	1.7	2.3	3.1	4.0	0.9	3.3	.
5 AC RON	2	5.71	74.1	38	91	1.5	100	168	2.2	3.7	2.8	3.9	0.8	1.3	.
6 OAC87W.22	11	5.41	76.1	36	88	0.9	90	168	1.9	4.0	3.2	4.1	0.7	1.3	.
7 DELAWARE	8	5.48	72.1	40	92	3.4	97	169	1.1	3.2	3.5	2.8	0.7	3.7	.
8 CASEY	7	5.55	73.3	37	91	1.2	93	166	2.2	1.7	3.8	3.9	0.9	3.0	.
9 RUBY	11	5.41	76.8	38	92	1.3	92	166	3.9	1.2	4.3	3.3	0.6	2.0	.
10 FUNDULEA	10	5.45	77.6	35	94	0.2	90	168	2.0	0.8	4.9	5.9	0.3	2.0	.
11 M.8.1;MV.12	14	4.95	76.0	38	91	0.3	81	168	2.0	3.5	6.4	5.6	0.4	3.7	.
12 DIANA	3	5.70	73.3	35	92	0.6	98	168	1.6	2.7	3.5	2.8	0.8	3.0	.
13 MARILEE	1	5.78	72.7	41	91	0.9	96	169	2.4	4.0	3.7	3.0	0.6	4.7	.
14 H223.24.3	5	5.58	77.2	34	91	0.1	99	170	2.8	0.8	2.7	3.9	0.4	2.0	.
LOCATIONS		11	10	10	5	8	11	9	7	3	5	5	2	1	0

YIELD AVERAGES WERE BASED ON DATA FROM: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

LOCATION - HARROW
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 HARUS	13	4.80	.	.	.	.	95	152	2.0	6.0	.	.	.	.	.
2 REBECCA	1	6.00	.	.	.	.	98	153	3.0	6.0	.	.	.	.	.
3 ZAVITZ	3	5.60	.	.	.	.	107	155	2.0	1.0	.	.	.	.	.
4 KARENA	5	5.30	.	.	.	.	101	153	3.0	3.0	.	.	.	.	.
5 AC RON	10	5.20	.	.	.	.	100	153	2.0	6.0	.	.	.	.	.
6 OAC87W.22	5	5.30	.	.	.	.	81	153	2.0	6.0	.	.	.	.	.
7 DELAWARE	5	5.30	.	.	.	.	95	156	1.0	4.0	.	.	.	.	.
8 CASEY	10	5.20	.	.	.	.	92	153	4.0	2.0	.	.	.	.	.
9 RUBY	2	5.90	.	.	.	.	97	152	2.0	1.0	.	.	.	.	.
10 FUNDULEA	4	5.40	.	.	.	.	93	153	2.0	1.0	.	.	.	.	.
11 M.8.1;MV.12	14	4.40	.	.	.	.	84	153	2.0	6.0	.	.	.	.	.
12 DIANA	5	5.30	.	.	.	.	95	153	2.0	4.0	.	.	.	.	.
13 MARILEE	5	5.30	.	.	.	.	96	156	2.0	7.0	.	.	.	.	.
14 H223.24.3	10	5.20	.	.	.	.	98	157	2.0	1.0	.	.	.	.	.
MEANS		5.30	.	.	.	.	95	154	2.2	3.9	.	.	.	.	.

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	MAT *
	RK	T/HA													
1 HARUS	3	5.49	73.1	35	.	2.0	102	159	4.0	4.0	.	.	.	.	195
2 REBECCA	6	5.23	71.7	33	.	3.0	98	160	3.0	4.0	.	.	.	.	196
3 ZAVITZ	14	4.73	71.3	40	.	2.0	108	162	5.0	1.0	.	.	.	.	198
4 KARENA	7	5.17	73.2	33	.	3.0	104	160	2.0	3.0	.	.	.	.	197
5 AC RON	10	5.07	68.6	31	.	5.0	105	161	3.0	3.0	.	.	.	.	196
6 OAC87W.22	12	5.03	73.8	33	.	1.0	94	162	3.0	4.0	.	.	.	.	196
7 DELAWARE	13	4.86	67.4	37	.	6.0	98	163	2.0	2.0	.	.	.	.	198
8 CASEY	1	5.57	72.6	35	.	1.0	93	159	2.0	1.0	.	.	.	.	193
9 RUBY	4	5.40	77.6	35	.	1.0	99	160	5.0	1.0	.	.	.	.	197
10 FUNDULEA	5	5.36	77.5	33	.	0.0	99	162	5.0	0.0	.	.	.	.	198
11 M.8.1;MV.12	11	5.06	75.6	36	.	0.0	87	161	3.0	3.0	.	.	.	.	196
12 DIANA	2	5.53	71.3	34	.	0.0	102	161	3.0	3.0	.	.	.	.	195
13 MARILEE	9	5.13	69.0	34	.	1.0	103	162	4.0	3.0	.	.	.	.	197
14 H223.24.3	8	5.16	76.9	32	.	0.0	106	163	4.0	1.0	.	.	.	.	200
MEANS		5.20	72.8	34	.	1.8	100	161	3.4	2.4	.	.	.	.	197

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

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
	RK	T/HA													
1 HARUS	5	5.32	74.5	36	.	0.0	104	161	1.0	.	6.0	7.0	0.2	.	.
2 REBECCA	3	5.47	75.2	38	.	2.0	102	161	1.0	.	6.0	2.0	1.0	.	.
3 ZAVITZ	14	4.75	72.1	40	.	2.0	106	163	1.0	.	4.0	3.0	0.1	.	.
4 KARENA	7	5.29	74.6	36	.	1.0	106	161	1.0	.	4.0	5.0	0.3	.	.
5 AC RON	1	5.68	73.7	36	.	0.0	107	162	1.0	.	4.0	5.0	0.4	.	.
6 OAC87W.22	8	5.27	76.2	35	.	0.0	96	162	2.0	.	6.0	6.0	0.2	.	.
7 DELAWARE	12	5.17	70.9	37	.	5.0	102	164	1.0	.	6.0	2.0	0.4	.	.
8 CASEY	13	4.99	71.0	33	.	1.0	97	160	2.0	.	4.0	2.0	0.0	.	.
9 RUBY	10	5.20	76.4	36	.	3.0	96	160	3.0	.	6.0	2.0	0.0	.	.
10 FUNDULEA	4	5.42	77.9	38	.	0.0	93	162	1.0	.	7.0	6.0	0.0	.	.
11 M.8.1;MV.12	5	5.32	76.4	38	.	0.0	87	162	2.0	.	8.0	3.0	0.1	.	.
12 DIANA	11	5.18	74.2	35	.	0.0	102	162	2.0	.	6.0	2.0	0.4	.	.
13 MARILEE	2	5.53	71.4	39	.	2.0	100	163	1.0	.	6.0	2.0	0.6	.	.
14 H223.24.3	9	5.25	78.6	33	.	0.0	103	164	2.0	.	4.0	4.0	0.1	.	.
MEANS		5.27	74.5	36	.	1.1	100	162	1.5	.	5.5	3.6	0.3	.	.

LOCATION - WINTHROP
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
	RK	T/HA													
1 HARUS	10	6.09	75.4	41	97	1.0	100	165	1.0	2.0	3.5	4.0	.	.	.
2 REBECCA	1	6.83	75.3	41	99	2.0	101	167	2.5	1.0	3.5	2.0	.	.	.
3 ZAVITZ	9	6.22	72.8	44	100	4.0	107	167	3.3	0.5	4.0	3.0	.	.	.
4 KARENA	7	6.30	73.9	39	97	2.0	104	166	2.8	1.0	3.5	2.0	.	.	.
5 AC RON	3	6.56	74.3	40	97	1.0	104	167	1.0	2.0	3.0	2.0	.	.	.
6 OAC87W.22	11	5.90	75.7	37	89	0.0	96	168	2.0	2.0	2.8	4.0	.	.	.
7 DELAWARE	4	6.47	71.6	41	100	1.0	100	168	1.5	3.5	3.5	2.0	.	.	.
8 CASEY	5	6.38	74.7	39	95	0.0	97	165	1.5	2.0	4.0	3.0	.	.	.
9 RUBY	8	6.29	78.5	43	97	0.0	95	164	3.5	1.5	4.3	3.0	.	.	.
10 FUNDULEA	13	5.54	76.8	34	97	0.0	97	168	2.5	1.5	4.8	6.0	.	.	.
11 M.8.1;MV.12	14	5.50	75.6	40	97	0.0	84	167	1.0	1.5	5.8	7.0	.	.	.
12 DIANA	5	6.38	71.8	36	97	0.0	100	167	0.5	1.0	3.5	2.0	.	.	.
13 MARILEE	2	6.60	73.9	45	96	0.0	102	167	2.8	2.0	3.8	1.0	.	.	.
14 H223.24.3	12	5.77	76.1	35	97	0.0	103	169	3.3	0.5	2.5	3.0	.	.	.
MEANS		6.20	74.7	40	97	0.8	99	167	2.1	1.6	3.7	3.1	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

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	MAT *
	RK	T/HA													
1 HARUS	8	5.17	76.3	39	.	0.3	98	161	2.0	.	3.0	7.9	.	.	195
2 REBECCA	6	5.25	74.4	39	.	0.5	89	163	2.0	.	3.0	2.9	.	.	196
3 ZAVITZ	14	4.71	72.3	42	.	4.5	98	163	1.0	.	4.0	4.6	.	.	198
4 KARENA	5	5.26	76.5	38	.	0.5	99	162	3.0	.	2.5	4.8	.	.	196
5 AC RON	2	5.41	75.4	40	.	1.3	92	163	3.5	.	3.0	4.9	.	.	196
6 OAC87W.22	10	5.05	76.9	38	.	0.0	83	164	2.0	.	3.0	4.0	.	.	197
7 DELAWARE	4	5.28	72.4	42	.	0.5	94	165	0.5	.	4.0	5.1	.	.	198
8 CASEY	7	5.22	74.5	37	.	1.8	92	161	3.0	.	3.5	7.3	.	.	194
9 RUBY	13	4.82	77.1	37	.	2.8	94	161	5.5	.	5.0	5.6	.	.	195
10 FUNDULEA	11	4.99	76.9	36	.	0.8	93	163	2.0	.	5.5	8.3	.	.	196
11 M.8.1;MV.12	9	5.06	75.9	36	.	0.3	84	162	2.0	.	7.0	9.0	.	.	195
12 DIANA	1	5.46	73.4	35	.	0.0	96	163	2.0	.	3.0	5.8	.	.	198
13 MARILEE	3	5.37	73.7	44	.	0.0	83	163	0.0	.	3.0	5.9	.	.	197
14 H223.24.3	12	4.85	77.2	33	.	0.0	97	165	5.5	.	4.0	5.3	.	.	199
MEANS		5.14	75.2	38	.	1.0	92	163	2.4	.	3.8	5.8	.	2.8	196

LOCATION - LONDON
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
	RK	T/HA													
1 HARUS	11	5.42	74.1	39	.	0.0	108	.	0.0	.	4.0	4.0	0.7	.	.
2 REBECCA	1	6.17	73.7	39	.	1.0	102	.	0.0	.	3.0	1.0	1.1	.	.
3 ZAVITZ	14	5.29	70.7	40	.	2.0	113	.	0.0	.	3.0	1.0	0.7	.	.
4 KARENA	13	5.30	73.5	37	.	1.0	109	.	0.0	.	4.0	2.0	1.5	.	.
5 AC RON	7	5.63	73.5	37	.	1.0	107	.	1.0	.	3.0	2.0	1.3	.	.
6 OAC87W.22	5	5.83	75.0	36	.	1.0	99	.	1.0	.	3.0	2.0	1.2	.	.
7 DELAWARE	4	5.90	70.3	38	.	4.0	101	.	1.0	.	3.0	2.0	1.0	.	.
8 CASEY	5	5.83	72.9	36	.	2.0	102	.	1.0	.	6.0	2.0	1.8	.	.
9 RUBY	12	5.39	76.4	36	.	1.0	104	.	2.0	.	4.0	2.0	1.2	.	.
10 FUNDULEA	2	6.01	78.8	34	.	0.0	101	.	1.0	.	5.0	4.0	0.5	.	.
11 M.8.1;MV.12	10	5.52	75.3	35	.	0.0	90	.	1.0	.	8.0	6.0	0.7	.	.
12 DIANA	2	6.01	72.5	34	.	1.0	105	.	1.0	.	4.0	1.0	1.2	.	.
13 MARILEE	8	5.60	71.6	39	.	1.0	104	.	1.0	.	4.0	1.0	0.7	.	.
14 H223.24.3	9	5.58	76.4	32	.	0.0	108	.	1.0	.	2.0	2.0	0.6	.	.
MEANS		5.68	73.9	37	.	1.1	104	.	0.8	.	4.0	2.3	1.0	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

LOCATION - ELORA
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	MAT *
	RK	T/HA													
1 HARUS	12	5.81	74.8	39	90	.	90	170	.	.	.	.	.	.	206
2 REBECCA	7	6.17	70.5	41	93	.	85	169	.	.	.	.	.	.	206
3 ZAVITZ	6	6.22	68.6	46	100	.	98	169	.	.	.	.	.	.	206
4 KARENA	9	5.98	73.6	40	98	.	95	170	.	.	.	.	.	.	206
5 AC RON	5	6.25	74.2	40	96	.	93	169	.	.	.	.	.	.	206
6 OAC87W.22	11	5.82	76.1	38	99	.	85	169	.	.	.	.	.	.	206
7 DELAWARE	1	6.55	71.7	41	100	.	88	170	.	.	.	.	.	.	207
8 CASEY	3	6.33	74.8	37	99	.	92	169	.	.	.	.	.	.	204
9 RUBY	13	5.72	66.1	42	96	.	82	170	.	.	.	.	.	.	207
10 FUNDULEA	14	5.58	74.3	35	100	.	80	170	.	.	.	.	.	.	205
11 M.8.1;MV.12	8	6.00	77.3	39	99	.	77	169	.	.	.	.	.	.	205
12 DIANA	4	6.27	73.0	35	100	.	93	170	.	.	.	.	.	.	206
13 MARILEE	2	6.35	69.9	43	100	.	88	170	.	.	.	.	.	.	206
14 H223.24.3	10	5.88	76.1	36	98	.	90	170	.	.	.	.	.	.	206
MEANS		6.07	72.9	40	98	.	88	170	.	.	.	.	.	.	206

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
	RK	T/HA													
1 HARUS	7	5.48	72.4	42	88	1.3	90	170	.	.	1.0	6.7	.	.	.
2 REBECCA	6	5.55	72.0	42	90	0.3	85	172	.	.	1.3	2.0	.	.	.
3 ZAVITZ	2	5.68	70.2	48	89	0.8	97	173	.	.	1.0	2.3	.	.	.
4 KARENA	4	5.56	70.6	40	86	2.0	98	172	.	.	1.7	6.0	.	.	.
5 AC RON	3	5.64	71.4	41	89	1.5	95	172	.	.	1.0	5.7	.	.	.
6 OAC87W.22	9	5.26	73.0	39	83	1.6	84	173	.	.	1.0	4.7	.	.	.
7 DELAWARE	11	5.13	69.4	43	88	3.5	88	174	.	.	1.0	2.7	.	.	.
8 CASEY	12	5.04	71.0	39	89	1.0	80	171	.	.	1.3	5.3	.	.	.
9 RUBY	8	5.27	74.0	40	86	0.0	79	169	.	.	2.0	3.7	.	.	.
10 FUNDULEA	13	5.01	73.6	36	94	0.0	70	173	.	.	2.3	5.0	.	.	.
11 M.8.1;MV.12	14	4.03	70.2	36	86	0.0	65	172	.	.	3.3	3.0	.	.	.
12 DIANA	10	5.16	69.2	37	88	2.0	92	173	.	.	1.0	3.3	.	.	.
13 MARILEE	4	5.56	69.8	42	90	0.5	88	172	.	.	1.7	5.0	.	.	.
14 H223.24.3	1	5.74	74.8	37	89	0.0	96	175	.	.	1.0	5.0	.	.	.
MEANS		5.29	71.5	40	88	1.0	86	172	.	.	1.5	4.3	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

LOCATION - BATH
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
	RK	T/HA													
1 HARUS	14	3.38	76.2	36	71	2.0	80	.	.	.	.	.	.	.	.
2 REBECCA	12	4.24	74.6	39	83	2.0	83	.	.	.	.	.	.	.	.
3 ZAVITZ	10	4.28	71.2	37	78	2.0	88	.	.	.	.	.	.	.	.
4 KARENA	7	4.59	75.2	38	83	2.5	85	.	.	.	.	.	.	.	.
5 AC RON	6	4.63	75.6	34	81	2.0	83	.	.	.	.	.	.	.	.
6 OAC87W.22	1	5.21	77.0	35	79	2.0	75	.	.	.	.	.	.	.	.
7 DELAWARE	8	4.37	76.6	36	73	3.0	95	.	.	.	.	.	.	.	.
8 CASEY	9	4.30	64.4	36	82	2.0	80	.	.	.	.	.	.	.	.
9 RUBY	4	4.68	79.6	34	82	2.5	75	.	.	.	.	.	.	.	.
10 FUNDULEA	11	4.27	78.2	33	82	1.0	75	.	.	.	.	.	.	.	.
11 M.8.1;MV.12	13	3.56	76.6	36	79	2.0	63	.	.	.	.	.	.	.	.
12 DIANA	3	4.73	74.1	36	81	2.0	80	.	.	.	.	.	.	.	.
13 MARILEE	5	4.64	74.0	40	72	2.5	80	.	.	.	.	.	.	.	.
14 H223.24.3	2	5.01	77.2	33	81	1.0	83	.	.	.	.	.	.	.	.
MEANS		4.42	75.0	36	79	2.0	80	.	.	.	.	.	.	.	.

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	MAT *
	RK	T/HA													
1 HARUS	8	7.32	75.8	39	90	0.0	100	167	2.3	.	.	.	.	.	198
2 REBECCA	11	7.05	73.8	38	96	1.0	98	167	3.0	.	.	.	.	.	198
3 ZAVITZ	6	7.52	71.7	48	99	0.0	104	168	2.0	.	.	.	.	.	195
4 KARENA	4	7.61	75.4	39	98	0.0	109	167	0.3	.	.	.	.	.	195
5 AC RON	2	7.68	73.2	38	90	0.3	101	168	4.0	.	.	.	.	.	195
6 OAC87W.22	13	6.52	75.8	35	90	2.0	95	170	1.0	.	.	.	.	.	198
7 DELAWARE	10	7.09	70.6	42	98	4.3	98	169	0.8	.	.	.	.	.	198
8 CASEY	7	7.35	75.0	37	92	1.0	94	166	2.0	.	.	.	.	.	195
9 RUBY	12	6.76	78.1	39	97	0.3	93	167	6.0	.	.	.	.	.	195
10 FUNDULEA	8	7.32	76.9	37	97	0.0	85	169	0.8	.	.	.	.	.	195
11 M.8.1;MV.12	14	6.29	76.2	40	96	0.0	80	167	3.0	.	.	.	.	.	193
12 DIANA	5	7.59	72.5	34	95	0.0	103	168	1.0	.	.	.	.	.	195
13 MARILEE	1	7.74	72.6	41	95	0.3	99	168	6.0	.	.	.	.	.	196
14 H223.24.3	3	7.64	72.8	36	91	0.0	101	171	1.5	.	.	.	.	.	198
MEANS		7.25	74.3	39	95	0.7	97	168	2.4	.	.	.	.	.	196

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; FALL RED AND PASTRY WHEAT 1994

LOCATION - KEMPTVILLE
 MANAGEMENT - NORMAL

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
1 HARUS	10 4.42	81.9	38	.	.	108	195	.	.	.	.	.	.	.
2 REBECCA	9 4.71	81.3	43	.	.	108	195	.	.	.	.	.	.	.
3 ZAVITZ	4 5.06	79.9	45	.	.	110	195	.	.	.	.	.	.	.
4 KARENA	7 5.01	83.9	41	.	.	112	194	.	.	.	.	.	.	.
5 AC RON	3 5.11	80.9	40	.	.	112	194	.	.	.	.	.	.	.
6 OAC87W.22	11 4.29	81.9	38	.	.	98	195	.	.	.	.	.	.	.
7 DELAWARE	12 4.11	79.9	46	.	.	103	196	.	.	.	.	.	.	.
8 CASEY	8 4.79	81.9	40	.	.	105	194	.	.	.	.	.	.	.
9 RUBY	12 4.11	84.4	37	.	.	102	193	.	.	.	.	.	.	.
10 FUNDULEA	6 5.03	84.9	36	.	.	103	195	.	.	.	.	.	.	.
11 M.8.1;MV.12	14 3.74	80.9	41	.	.	90	195	.	.	.	.	.	.	.
12 DIANA	4 5.06	80.9	36	.	.	107	195	.	.	.	.	.	.	.
13 MARILEE	1 5.76	80.9	45	.	.	112	196	.	.	.	.	.	.	.
14 H223.24.3	2 5.28	85.4	35	.	.	107	195	.	.	.	.	.	.	.
MEANS	4.75	82.1	40	.	.	106	195	.	.	.	.	.	.	.

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

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

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LEGEND

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

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

LOCATIONS ABBREVIATIONS

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

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

DESCRIPTION OF REGISTERED ENTRIES

CELTIC, (NAHS81-55):

ANGUS/LEN. DEVELOPED BY AGRIPRO COLORADO, AND MARKETED BY W.G. THOMPSON & SONS LTD. A HIGH YIELDING VARIETY WITH GOOD TEST WEIGHT AND HIGH THOUSAND KERNEL WEIGHT. RESISTANT TO LEAF RUST WITH MODERATE SEPTORIA RESISTANCE. SUSCEPTIBLE TO POWDERY MILDEW, GLUME BLOTCH AND HEAD BLIGHT. A SHORT, STRONG STRAWED CULTIVAR WITH GOOD FLOUR YIELD AND ASH CONTENT. FLOUR PROTEIN IS 3/4% LESS THAN KATEPWA.

NORSEMAN, (HS78-1139):

PEDIGREE UNKNOWN. DEVELOPED BY AGRIPRO COLORADO, AND MARKETED BY W.G. THOMPSON & SONS LTD. A HIGH YIELDING, SEMI-DWARF VARIETY WITH VERY STRONG STRAW. GOOD LEAF RUST RESISTANCE AND MODERATE RESISTANCE TO POWDERY MILDEW. SUSCEPTIBLE TO OTHER PREVALENT DISEASES.

ROBLIN:

RL4302/RL4356//RL4359/RL4353. DEVELOPED AT AGRICULTURE CANADA, WINNIPEG. A VERY EARLY, HIGH YIELDING CULTIVAR WITH GOOD RUST RESISTANCE. HIGH FLOUR YIELD AND FLOUR PROTEIN. SUSCEPTIBLE TO BYDV.

CDC TEAL, (W84315):

BW514/BIT//BW38. DEVELOPED AT THE CROP DEVELOPEMENT CENTRE AT THE UNIVERSITY OF SASKATCHEWAN BY DR.G.R.HUGHES. SPONSORED BY W.G. THOMPSON AND SONS LTD. A VERY HIGH YIELDING RED SPRING WHEAT, HOWEVER IT IS SUSCEPTIBLE TO MOST PREVALENT DISEASES.

AC REED, (SWS:087):

POTOM303/DIRKWIN//KENYA321/FIELDWIN. A SOFT WHITE SPRING CULTIVAR DEVELOPED AT AGRICULTURE CANADA, LETHBRIDGE, ALBERTA. A SEMI DWARF VARIETY WITH VERY STRONG STRAW. SUSCEPTIBLE TO MILDEW. AND SEPTORIA. HAS A REGIONAL REGISTRATION FOR WESTERN CANADA.

BW90:

RL4302/RL4356//RL4359/RL4353. HARD RED SPRING WHEAT DEVELOPED BY DR.T.F.TOWNLEY-SMITH IN WINNIPEG. SPONSORED BY C&M SEEDS LTD. A HIGH YIELDING WHEAT WITH A HIGH TEST WEIGHT. APPROVED FOR REGISTRATION FOR SALE IN EASTERN CANADA AND WILL BE AVAILABLE IN THE SPRING 1995.

QW522:3:

FROM AGRICULTURE CANADA IN QUEBEC AND MARKETED BY W.G. THOMPSON AND SONS LTD. A HIGH YIELDING, TALL, BEARDED WHEAT WITH GOOD HEAD BLIGHT RATINGS. A RED SPRING WHEAT WITH QUALITY SIMILAR TO CELTIC BUT HAS A SOFTER KERNEL. NOT REGISTERED FOR SALE IN CANADA.

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

TRAIT : YIELD
 YEAR(S): 88-94
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	NN88N	EA88N	LL88N	HN88N	NN89N	EA89N	LL89N	HN89N	EA90N	NN90N
1 CELTIC	2.44	2.38	3.63	2.45	2.28	3.84	3.93	3.73	3.21	2.66
2 NORSEMAN	2.51	2.09	3.76	2.39	2.73	3.78	4.06	4.60	3.72	2.75
3 ROBLIN	2.05	1.73	3.65	1.83	2.15	3.34	3.52	4.13	3.81	2.64
LOCATION MEAN	2.33	2.07	3.68	2.22	2.39	3.65	3.84	4.15	3.58	2.68

KEY NAME	HN90N	NN91N	EA91N	HN91N	WP92N	EA92N	HN92N	EA93N	WP93N	HN93N
1 CELTIC	3.78	1.96	4.53	3.12	2.90	4.32	2.88	2.52	2.50	4.05
2 NORSEMAN	4.32	2.10	4.69	3.30	3.20	4.12	3.18	2.77	2.38	3.61
3 ROBLIN	4.29	1.70	3.68	3.91	3.44	4.28	4.11	3.44	2.50	3.53
LOCATION MEAN	4.13	1.92	4.30	3.44	3.18	4.24	3.39	2.91	2.47	3.73

KEY NAME	WP94N	EA94N	HN94N	MEAN
1 CELTIC	2.27	3.56	3.17	3.14
2 NORSEMAN	2.07	3.33	2.88	3.23
3 ROBLIN	2.19	3.10	2.74	3.12
LOCATION MEAN	2.18	3.33	2.93	3.16

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NN88N	EA88N	LL88N	HN88N	NN89N	EA89N	LL89N	HN89N	EA90N	NN90N
1 CELTIC	105	115	99	110	96	105	102	90	90	99
2 NORSEMAN	108	101	102	107	114	103	106	111	104	102
3 ROBLIN	88	84	99	82	90	91	92	99	106	98
LOCATION MEAN	2.33	2.07	3.68	2.22	2.39	3.65	3.84	4.15	3.58	2.68

KEY NAME	HN90N	NN91N	EA91N	HN91N	WP92N	EA92N	HN92N	EA93N	WP93N	HN93N
1 CELTIC	92	102	105	91	91	102	85	87	102	109
2 NORSEMAN	105	109	109	96	101	97	94	95	96	97
3 ROBLIN	104	89	86	114	108	101	121	118	102	95
LOCATION MEAN	4.13	1.92	4.30	3.44	3.18	4.24	3.39	2.91	2.47	3.73

KEY NAME	WP94N	EA94N	HN94N	MEAN*
1 CELTIC	104	107	108	100
2 NORSEMAN	95	100	98	102
3 ROBLIN	101	93	94	98
LOCATION MEAN	2.18	3.33	2.93	3.16

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 88-94
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	O188N	O189N	O190N	O191N	O192N	O193N	KE94N	O194N	MEAN
1 CELTIC	2.31	3.43	4.30	1.61	3.71	5.19	3.41	3.85	3.48
2 NORSEMAN	2.02	3.42	4.25	1.36	3.40	4.63	2.82	3.99	3.24
3 ROBLIN	1.84	3.31	3.86	1.70	3.60	4.83	2.98	3.19	3.16
LOCATION MEAN	2.06	3.39	4.14	1.56	3.57	4.88	3.07	3.68	3.29

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O188N	O189N	O190N	O191N	O192N	O193N	KE94N	O194N	MEAN*
1 CELTIC	112	101	104	103	104	106	111	105	106
2 NORSEMAN	98	101	103	87	95	95	92	109	97
3 ROBLIN	89	98	93	109	101	99	97	87	97
LOCATION MEAN	2.06	3.39	4.14	1.56	3.57	4.88	3.07	3.68	3.29

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD
 YEAR(S) : 88-94
 AREA : 2-3
 MGMT : NORMAL

KEY NAME	AREA 2 (23)**	AREA 3 (8)	PROV (31)***
1 CELTIC	3.14	3.48	3.22
2 NORSEMAN	3.23	3.24	3.23
3 ROBLIN	3.12	3.16	3.13
OVERALL MEAN	3.16	3.29	3.20

DATA EXPRESSED RELATIVE TO LOCATION MEANS
 MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 2	AREA 3	PROV
1 CELTIC	99.7	105.9	101.3
2 NORSEMAN	102.2	97.5	101.0
3 ROBLIN	98.0	96.7	97.7
OVERALL MEAN	3.16	3.29	3.20

** # OF LOCATIONS

*** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

YEAR(S): 88-94
 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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	2	3.14	73.2	34	1.8	83	56	3.9	1.4	3.2	3.4	4.3	.	4.3
2 NORSEMAN	1	3.23	71.0	32	0.5	75	58	3.1	1.0	3.6	3.6	4.3	.	4.9
3 ROBLIN	3	3.12	73.0	35	1.4	90	52	3.7	1.8	4.0	2.7	3.3	.	5.7
LOCATIONS	23	23	23	8	22	24	16	11	11	5	1	0		2

YIELD AVERAGES WERE BASED ON DATA FROM:

1988: NAIRN, ELORA, HARRISTON, LISTOWEL.
 1989: NAIRN, ELORA, HARRISTON, LISTOWEL.
 1990: NAIRN, ELORA, HARRISTON.
 1991: NAIRN, ELORA, HARRISTON.
 1992: WINTHROP, ELORA, HARRISTON.
 1993: WINTHROP, ELORA, HARRISTON.
 1994: WINTHROP, ELORA, HARRISTON.

YEAR(S): 88-94
 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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	1	3.48	77.4	35	0.0	77	53	.	.	.	.	.	.	.
2 NORSEMAN	2	3.24	75.0	33	0.0	66	56	.	.	.	.	.	.	.
3 ROBLIN	3	3.16	75.8	33	0.2	78	50	.	.	.	.	.	.	.
LOCATIONS	8	8	7	3	8	6	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1988: OTTAWA-1.
 1989: OTTAWA-1.
 1990: OTTAWA-1.
 1991: OTTAWA-1.
 1992: OTTAWA-1.
 1993: OTTAWA-1.
 1994: KEMPTVILLE, OTTAWA-1.

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

YEAR(S): 88-94
 MGMT : NORMAL
 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	SRS 0-9	BYD 0-9
1 CELTIC	2 3.22	74.3	34	1.3	81	55	3.9	1.4	3.2	3.4	4.3	.	4.3
2 NORSEMAN	1 3.23	72.0	32	0.4	73	57	3.1	1.0	3.6	3.6	4.3	.	4.9
3 ROBLIN	3 3.13	73.7	34	1.1	87	51	3.7	1.8	4.0	2.7	3.3	.	5.7
LOCATIONS	31	31	30	11	30	30	16	11	11	5	1	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:

1988: NAIRN, ELORA, HARRISTON, LISTOWEL, OTTAWA-1.
 1989: NAIRN, ELORA, HARRISTON, LISTOWEL, OTTAWA-1.
 1990: NAIRN, ELORA, HARRISTON, OTTAWA-1.
 1991: NAIRN, ELORA, HARRISTON, OTTAWA-1.
 1992: WINTHROP, ELORA, HARRISTON, OTTAWA-1.
 1993: WINTHROP, ELORA, HARRISTON, OTTAWA-1
 1994: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.

YEAR(S): 88-94
 MGMT : NORMAL
 AREA(S): 2- 5

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	SRS 0-9	BYD 0-9
1 CELTIC	2 3.42	73.9	34	1.2	82	55	3.9	1.4	3.5	3.4	4.3	.	4.3
2 NORSEMAN	1 3.44	71.4	32	0.6	73	57	3.1	1.0	3.8	3.6	4.3	.	4.9
3 ROBLIN	3 3.35	73.0	34	1.2	88	52	3.7	1.8	4.4	2.7	3.3	.	5.7
LOCATIONS	39	41	40	17	40	38	16	11	12	5	1	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:

1988: NAIRN, ELORA, HARRISTON, LISTOWEL, OTTAWA-1.
 1989: NAIRN, ELORA, HARRISTON, LISTOWEL, OTTAWA-1.
 1990: NAIRN, ELORA, HARRISTON, OTTAWA-1, NEW LISKEARD, RAINY RIVER.
 1991: NAIRN, ELORA, HARRISTON, OTTAWA-1, NEW LISKEARD.
 1992: WINTHROP, ELORA, HARRISTON, OTTAWA-1, NEW LISKEARD, EMO.
 1993: WINTHROP, ELORA, HARRISTON, OTTAWA-1, LISKEARD.
 1994: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1, NEW LISKEARD, EMO.

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

TRAIT : YIELD
 YEAR(S): 88-94**
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	NN88N	EA88N	LL88N	HN88N	NN89N	EA89N	LL89N	HN89N	EA90N	NN90N
1 CELTIC	2.44	2.38	3.63	2.45	2.28	3.84	3.93	3.73	3.21	2.66
2 NORSEMAN	2.51	2.09	3.76	2.39	2.73	3.78	4.06	4.60	3.72	2.75
3 ROBLIN	2.05	1.73	3.65	1.83	2.15	3.34	3.52	4.13	3.81	2.64
4 BW.90	2.25	2.07	3.48	2.07	2.10	3.46	4.15	3.71	3.89	2.55
LOCATION MEAN	2.31	2.07	3.63	2.18	2.32	3.61	3.91	4.04	3.66	2.65

KEY NAME	HN90N	NN91N	EA91N	HN91N	EA93N	WP93N	HN93N	WP94N	EA94N	HN94N	MEAN
1 CELTIC	3.78	1.96	4.53	3.12	2.52	2.50	4.05	2.27	3.56	3.17	3.10
2 NORSEMAN	4.32	2.10	4.69	3.30	2.77	2.38	3.61	2.07	3.33	2.88	3.19
3 ROBLIN	4.29	1.70	3.68	3.91	3.44	2.50	3.53	2.19	3.10	2.74	3.00
4 BW.90	4.68	1.96	4.28	3.10	3.33	2.54	3.89	2.32	3.51	3.25	3.13
LOC. MEAN	4.27	1.93	4.30	3.36	3.01	2.49	3.77	2.21	3.38	3.01	3.10

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NN88N	EA88N	LL88N	HN88N	NN89N	EA89N	LL89N	HN89N	EA90N	NN90N
1 CELTIC	106	115	100	112	98	107	100	92	88	100
2 NORSEMAN	109	101	104	109	118	105	104	114	102	104
3 ROBLIN	89	84	101	84	93	93	90	102	104	100
4 BW.90	97	100	96	95	91	96	106	92	106	96
LOCATION MEAN	2.31	2.07	3.63	2.18	2.32	3.61	3.91	4.04	3.66	2.65

KEY NAME	HN90N	NN91N	EA91N	HN91N	EA93N	WP93N	HN93N	WP94N	EA94N	HN94N	MEAN*
1 CELTIC	89	102	105	93	84	101	107	103	105	105	101
2 NORSEMAN	101	109	109	98	92	96	96	94	99	96	103
3 ROBLIN	101	88	86	116	114	101	94	99	92	91	96
4 BW.90	110	102	100	92	110	102	103	105	104	108	101
LOC. MEAN	4.27	1.93	4.30	3.36	3.01	2.49	3.77	2.21	3.38	3.01	3.10

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

** NO DATA FROM 1992 ARE INCLUDED BECAUSE BW.90 WAS NOT IN TRIAL

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 88-94**
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	O188N	O189N	O190N	O191N	O193N	KE94N	O194N	MEAN
1 CELTIC	2.31	3.43	4.30	1.61	5.19	3.41	3.85	3.44
2 NORSEMAN	2.02	3.42	4.25	1.36	4.63	2.82	3.99	3.21
3 ROBLIN	1.84	3.31	3.86	1.70	4.83	2.98	3.19	3.10
4 BW.90	2.32	3.40	3.95	1.64	4.93	3.59	3.68	3.36
LOCATION MEAN	2.12	3.39	4.09	1.58	4.89	3.20	3.68	3.28

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O188N	O189N	O190N	O191N	O193N	KE94N	O194N	MEAN*
1 CELTIC	109	101	105	102	106	107	105	105
2 NORSEMAN	95	101	104	86	95	88	108	97
3 ROBLIN	87	98	94	108	99	93	87	95
4 BW.90	109	100	97	104	101	112	100	103
LOCATION MEAN	2.12	3.39	4.09	1.58	4.89	3.20	3.68	3.28

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD
 YEAR(S) : 88-94**
 AREA : 2-3
 MGMT : NORMAL

KEY NAME	AREA 2 (20)**	AREA 3 (7)	PROV (27)***
1 CELTIC	3.10	3.44	3.19
2 NORSEMAN	3.19	3.21	3.20
3 ROBLIN	3.00	3.10	3.02
4 BW.90	3.13	3.36	3.19
OVERALL MEAN	3.10	3.28	3.15

DATA EXPRESSED RELATIVE TO LOCATION MEANS

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 2	AREA 3	PROV
1 CELTIC	100.6	104.9	101.7
2 NORSEMAN	102.9	96.8	101.3
3 ROBLIN	96.0	95.0	95.7
4 BW.90	100.5	103.3	101.3
OVERALL MEAN	3.10	3.28	3.15

* # OF LOCATIONS

** NO DATA FROM 1992 ARE INCLUDED BECAUSE BW.90 WAS NOT IN TRIAL

*** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

YEAR(S): 88-94**
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	BYD
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 CELTIC	3	3.10	73.3	34	1.1	82	56	3.8	1.4	3.2	3.4	.	.	4.3
2 NORSEMAN	1	3.19	71.1	32	0.3	74	58	3.0	1.0	3.2	3.6	.	.	4.9
3 ROBLIN	4	3.00	72.9	35	0.9	88	52	3.5	1.8	3.8	2.7	.	.	5.7
4 BW.90	2	3.13	74.4	33	2.8	98	56	1.9	1.5	2.9	3.2	.	.	5.0
LOCATIONS	20	20	20	5	19	21	15	11	10	5	0	0	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:
 1988: NAIRN, ELORA, HARRISTON, LISTOWEL.
 1989: NAIRN, ELORA, HARRISTON, LISTOWEL.
 1990: NAIRN, ELORA, HARRISTON.
 1991: NAIRN, ELORA, HARRISTON.
 1993: WINTHROP, ELORA, HARRISTON.
 1994: WINTHROP, ELORA, HARRISTON.

YEAR(S): 88-94**
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	BYD
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 CELTIC	1	3.44	76.7	33	0.0	76	54	.	.	.	.	.	.	.
2 NORSEMAN	3	3.21	75.1	33	0.0	65	56	.	.	.	.	.	.	.
3 ROBLIN	4	3.10	75.3	32	0.2	78	51	.	.	.	.	.	.	.
4 BW.90	2	3.36	78.2	34	2.3	90	53	.	.	.	.	.	.	.
LOCATIONS	7	7	6	3	7	5	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:
 1988: OTTAWA-1.
 1989: OTTAWA-1.
 1990: OTTAWA-1.
 1991: OTTAWA-1.
 1993: OTTAWA-1.
 1994: KEMPTVILLE, OTTAWA-1.

YEAR(S): 88-94**
 MGMT : NORMAL
 AREA(S): 2- 3

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	BYD
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 CELTIC	2	3.19	74.2	34	0.7	81	55	3.8	1.4	3.2	3.4	.	.	4.3
2 NORSEMAN	1	3.20	72.1	32	0.2	72	58	3.0	1.0	3.2	3.6	.	.	4.9
3 ROBLIN	4	3.02	73.5	34	0.6	85	52	3.5	1.8	3.8	2.7	.	.	5.7
4 BW.90	2	3.19	75.4	33	2.6	96	55	1.9	1.5	2.9	3.2	.	.	5.0
LOCATIONS	27	27	26	8	26	26	15	11	10	5	0	0	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:
 1988: NAIRN, ELORA, HARRISTON, LISTOWEL, OTTAWA-1.
 1989: NAIRN, ELORA, HARRISTON, LISTOWEL, OTTAWA-1.
 1990: NAIRN, ELORA, HARRISTON, OTTAWA-1.
 1991: NAIRN, ELORA, HARRISTON, OTTAWA-1.
 1993: WINTHROP, ELORA, HARRISTON, OTTAWA-1.
 1994: WINTHROP, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.

* DAYS FROM PLANTING
 ** NO DATA FROM 1992 ARE INCLUDED BECAUSE BW.90 WAS NOT IN TRIAL
 A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 91-94
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	NN91N	EA91N	HN91N	WP92N	EA92N	HN92N	EA93N	WP93N	HN93N	WP94N
1 CELTIC	1.96	4.53	3.12	2.90	4.32	2.88	2.52	2.50	4.05	2.27
2 NORSEMAN	2.10	4.69	3.30	3.20	4.12	3.18	2.77	2.38	3.61	2.07
3 ROBLIN	1.70	3.68	3.91	3.44	4.28	4.11	3.44	2.50	3.53	2.19
4 CDC TEAL	1.81	4.32	2.90	3.38	4.46	4.32	3.48	2.20	3.88	2.32
LOCATION MEAN	1.89	4.31	3.31	3.23	4.30	3.62	3.05	2.40	3.77	2.21

KEY NAME	EA94N	HN94N	MEAN
1 CELTIC	3.56	3.17	3.15
2 NORSEMAN	3.33	2.88	3.14
3 ROBLIN	3.10	2.74	3.22
4 CDC TEAL	3.43	2.76	3.27
LOCATION MEAN	3.36	2.89	3.19

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NN91N	EA91N	HN91N	WP92N	EA92N	HN92N	EA93N	WP93N	HN93N	WP94N
1 CELTIC	104	105	94	90	101	80	83	105	107	103
2 NORSEMAN	111	109	100	99	96	88	91	99	96	94
3 ROBLIN	90	85	118	107	100	113	113	105	94	99
4 CDC TEAL	96	100	88	105	104	119	114	92	103	105
LOCATION MEAN	1.89	4.31	3.31	3.23	4.30	3.62	3.05	2.40	3.77	2.21

KEY NAME	EA94N	HN94N	MEAN*
1 CELTIC	106	110	99
2 NORSEMAN	99	100	98
3 ROBLIN	92	95	101
4 CDC TEAL	102	96	102
LOCATION MEAN	3.36	2.89	3.19

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

TRAIT : YIELD
 YEAR(S): 91-94
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	O191N	O192N	O193N	KE94N	O194N	MEAN
1 CELTIC	1.61	3.71	5.19	3.41	3.85	3.55
2 NORSEMAN	1.36	3.40	4.63	2.82	3.99	3.24
3 ROBLIN	1.70	3.60	4.83	2.98	3.19	3.26
4 CDC TEAL	1.58	4.51	4.51	3.41	3.65	3.53
LOCATION MEAN	1.56	3.81	4.79	3.15	3.67	3.40

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O191N	O192N	O193N	KE94N	O194N	MEAN*
1 CELTIC	103	98	108	108	105	104
2 NORSEMAN	87	89	97	89	109	94
3 ROBLIN	109	95	101	94	87	97
4 CDC TEAL	101	119	94	108	99	104
LOCATION MEAN	1.56	3.81	4.79	3.15	3.67	3.40

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD
 YEAR(S): 91-94
 AREA : 5

KEY NAME	NL91N	NL92N	EO92N	NL93N	NL94N	EO94N	MEAN
1 CELTIC	4.87	6.06	5.40	4.56	3.62	2.57	4.51
2 NORSEMAN	5.24	5.71	4.91	4.71	3.98	2.37	4.49
3 ROBLIN	4.21	6.42	4.68	5.01	4.42	2.14	4.48
4 CDC TEAL	4.47	6.67	4.60	4.88	4.01	2.57	4.53
LOCATION MEAN	4.70	6.22	4.90	4.79	4.01	2.41	4.50

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NL91N	NL92N	EO92N	NL93N	NL94N	EO94N	MEAN*
1 CELTIC	104	98	110	95	90	107	101
2 NORSEMAN	112	92	100	98	99	98	100
3 ROBLIN	90	103	96	105	110	89	99
4 CDC TEAL	95	107	94	102	100	107	101
LOCATION MEAN	4.70	6.22	4.90	4.79	4.01	2.41	4.50

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 91-94
 AREA : 2-5
 MGMT : NORMAL

KEY NAME	AREA 2 (12)*	AREA 3 (5)	AREA 5 (6)	PROV (23)**
1 CELTIC	3.15	3.55	4.51	3.59
2 NORSEMAN	3.14	3.24	4.49	3.51
3 ROBLIN	3.22	3.26	4.48	3.56
4 CDC TEAL	3.27	3.53	4.53	3.66
OVERALL MEAN	3.19	3.40	4.50	3.58

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	AREA 2	AREA 3	AREA 5	PROV
1 CELTIC	98.8	104.4	100.6	100.5
2 NORSEMAN	98.4	94.2	99.9	97.9
3 ROBLIN	100.9	97.1	98.7	99.5
4 CDC TEAL	101.9	104.3	100.8	102.1
OVERALL MEAN	3.19	3.40	4.50	3.58

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

YEAR(S): 91-94
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	BYD
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 CELTIC	3	3.15	73.8	34	1.9	86	54	3.4	1.1	3.4	1.6	4.3	.	.
2 NORSEMAN	4	3.14	70.9	32	0.6	79	56	3.5	0.3	4.1	2.0	4.3	.	.
3 ROBLIN	2	3.22	74.0	36	1.4	95	50	3.9	2.9	4.5	1.3	3.3	.	.
4 CDC TEAL	1	3.27	73.5	34	1.4	98	54	3.0	2.0	3.7	2.2	4.7	.	.
LOCATIONS		12	12	12	7	12	12	7	3	7	3	1	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1991: NAIRN, ELORA, HARRISTON.

1992: NAIRN, ELORA, HARRISTON.

1993: WINTHROP, ELORA, HARRISTON.

1994: WINTHROP, ELORA, HARRISTON.

YEAR(S): 91-94
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	BYD
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 CELTIC	1	3.55	78.1	34	0.0	78	53	.	.	.	.	.	.	.
2 NORSEMAN	4	3.24	76.2	33	0.0	68	55	.	.	.	.	.	.	.
3 ROBLIN	3	3.26	76.8	33	0.0	81	50	.	.	.	.	.	.	.
4 CDC TEAL	2	3.53	77.7	33	0.0	87	53	.	.	.	.	.	.	.
LOCATIONS		5	5	5	2	5	5	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1991: OTTAWA-1.

1992: OTTAWA-1.

1993: OTTAWA-1.

1994: KEMPTVILLE, OTTAWA-1.

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

YEAR(S): 91-94
 MGMT : NORMAL
 AREA : 5

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	2	4.51	73.4	36	1.1	85	54	.	.	6.3	.	.	.	.
2 NORSEMAN	3	4.49	70.4	35	1.0	76	56	.	.	6.0	.	.	.	.
3 ROBLIN	4	4.48	71.0	37	1.6	93	52	.	.	8.8	.	.	.	.
4 CDC TEAL	1	4.53	73.3	36	1.7	97	55	.	.	7.5	.	.	.	.
LOCATIONS	6	8	8	5	8	6	0	0	1	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1991: NEW LISKEARD.
 1992: NEW LISKEARD, EMO.
 1993: LISKEARD.
 1994: NEW LISKEARD, EMO.

YEAR(S): 91-94
 MGMT : NORMAL
 AREA(S): 2- 5

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	2	3.59	74.5	35	1.3	84	54	3.4	1.1	3.7	1.6	4.3	.	.
2 NORSEMAN	4	3.51	71.8	33	0.7	76	56	3.5	0.3	4.3	2.0	4.3	.	.
3 ROBLIN	3	3.56	73.6	36	1.3	91	50	3.9	2.9	5.1	1.3	3.3	.	.
4 CDC TEAL	1	3.66	74.3	34	1.3	95	54	3.0	2.0	4.2	2.2	4.7	.	.
LOCATIONS	23	25	25	14	25	23	7	3	8	3	1	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1991: NAIRN, ELORA, HARRISTON, OTTAWA-1, NEW LISKEARD.
 1992: WINTHROP, ELORA, HARRISTON, OTTAWA-1, NEW LISKEARD, EMO.
 1993: WINTHROP, ELORA, HARRISTON, OTTAWA-1, NEW LISKEARD.
 1994: WINTHROP, ELORA, HARRISTON, OTTAWA-1, KEMPTVILLE, NEW LISKEARD, EMO.

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 92-94
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WP92N	EA92N	HN92N	EA93N	WP93N	HN93N	WP94N	EA94N	HN94N	MEAN
1 CELTIC	2.90	4.32	2.88	2.52	2.50	4.05	2.27	3.56	3.17	3.13
2 NORSEMAN	3.20	4.12	3.18	2.77	2.38	3.61	2.07	3.33	2.88	3.06
3 ROBLIN	3.44	4.28	4.11	3.44	2.50	3.53	2.19	3.10	2.74	3.26
4 CDC TEAL	3.38	4.46	4.32	3.48	2.20	3.88	2.32	3.43	2.76	3.36
5 AC REED	2.93	3.93	3.53	2.06	0.91	2.08	2.02	3.00	2.12	2.64
LOCATION MEAN	3.17	4.46	3.60	2.85	2.10	3.43	2.17	3.28	2.73	3.09

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WP92N	EA92N	HN92N	EA93N	WP93N	HN93N	WP94N	EA94N	HN94N	MEAN*
1 CELTIC	91	97	80	88	119	118	104	108	116	103
2 NORSEMAN	101	92	88	97	113	105	95	101	105	100
3 ROBLIN	109	96	114	121	119	103	101	94	100	106
4 CDC TEAL	107	100	120	122	105	113	107	104	101	109
5 AC REED	92	115	98	72	44	61	93	91	78	83
LOCATION MEAN	3.17	4.46	3.60	2.85	2.10	3.43	2.17	3.28	2.73	3.09

TRAIT : YIELD
 YEAR(S) : 92-94
 AREA : 3

KEY NAME	O192N	O193N	KE94N	O194N	MEAN
1 CELTIC	3.71	5.19	3.41	3.85	4.04
2 NORSEMAN	3.40	4.63	2.82	3.99	3.71
3 ROBLIN	3.60	4.83	2.98	3.19	3.65
4 CDC TEAL	4.51	4.51	3.41	3.65	4.02
5 AC REED	4.51	4.53	3.82	4.35	4.30
LOCATION MEAN	3.95	4.74	3.29	3.81	3.94

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O192N	O193N	KE94N	O194N	MEAN*
1 CELTIC	94	110	104	101	102
2 NORSEMAN	86	98	86	105	94
3 ROBLIN	91	102	91	84	92
4 CDC TEAL	114	95	104	96	102
5 AC REED	114	96	116	114	110
LOCATION MEAN	3.95	4.74	3.29	3.81	3.94

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 92-94
 AREA : 5

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	NL92N	EO92N	NL93N	NL94N	EO94N	MEAN
1 CELTIC	6.06	5.40	4.56	3.62	2.57	4.44
2 NORSEMAN	5.71	4.91	4.71	3.98	2.37	4.34
3 ROBLIN	6.42	4.68	5.01	4.42	2.14	4.53
4 CDC TEAL	6.67	4.60	4.88	4.01	2.57	4.55
5 AC REED	6.56	5.42	5.30	4.30	1.98	4.71
LOCATION MEAN	6.28	5.00	4.89	4.07	2.33	4.51

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NL92N	EO92N	NL93N	NL94N	EO94N	MEAN*
1 CELTIC	96	108	93	89	110	99
2 NORSEMAN	91	98	96	98	102	97
3 ROBLIN	102	94	102	109	92	100
4 CDC TEAL	106	92	100	99	110	101
5 AC REED	104	108	108	106	85	102
LOCATION MEAN	6.28	5.00	4.89	4.07	2.33	4.51

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD
 YEAR(S) : 92-94
 AREA : 2-5
 MGMT : NORMAL

KEY NAME	AREA 2 (9)**	AREA 3 (4)	AREA 5 (5)	PROV (18)***
1 CELTIC	3.13	4.04	4.44	3.70
2 NORSEMAN	3.06	3.71	4.34	3.56
3 ROBLIN	3.26	3.65	4.53	3.70
4 CDC TEAL	3.36	4.02	4.55	3.84
5 AC REED	2.64	4.30	4.71	3.59
OVERALL MEAN	3.09	3.94	4.51	3.68

DATA EXPRESSED RELATIVE TO LOCATION MEANS
 MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 2	AREA 3	AREA 5	PROV
1 CELTIC	102.5	102.1	99.4	101.6
2 NORSEMAN	99.9	93.6	97.0	97.7
3 ROBLIN	106.3	91.9	99.8	101.3
4 CDC TEAL	108.7	102.3	101.4	105.2
5 AC REED	82.7	110.1	102.4	94.2
OVERALL MEAN	3.09	3.94	4.51	3.68

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

YEAR(S): 92-94
 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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	3	3.13	73.8	35	2.2	89	55	3.3	0.5	3.6	1.4	4.3	.	.
2 NORSEMAN	4	3.06	70.9	32	0.7	81	57	3.3	0.0	4.4	1.9	4.3	.	.
3 ROBLIN	2	3.26	74.2	37	1.6	99	52	3.8	4.0	5.0	1.3	3.3	.	.
4 CDC TEAL	1	3.36	73.9	35	1.7	100	56	3.0	4.0	4.1	1.9	4.7	.	.
5 AC REED	5	2.64	64.7	27	0.9	84	56	4.7	6.0	5.7	0.9	3.3	.	.
LOCATIONS		9	9	9	6	9	9	7	1	6	2	1	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1992: NAIRN, ELORA, HARRISTON.
 1993: WINTHROP, ELORA, HARRISTON.
 1994: WINTHROP, ELORA, HARRISTON.

YEAR(S): 92-94
 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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	2	4.04	79.8	36	0.0	82	55	.	.	.	.	.	.	.
2 NORSEMAN	4	3.71	78.4	36	0.0	73	57	.	.	.	.	.	.	.
3 ROBLIN	5	3.65	78.3	34	0.0	85	51	.	.	.	.	.	.	.
4 CDC TEAL	3	4.02	79.7	36	0.0	93	55	.	.	.	.	.	.	.
5 AC REED	1	4.30	77.3	37	0.0	78	54	.	.	.	.	.	.	.
LOCATIONS		4	4	4	2	4	4	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1992: OTTAWA-1.
 1993: OTTAWA-1.
 1994: KEMPTVILLE, OTTAWA-1.

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

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

YEAR(S): 92-94
 MGMT : NORMAL
 AREA : 5

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	BYD
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 CELTIC	4	4.44	73.5	35	1.1	86	55	.	.	6.3	.	.	.	.
2 NORSEMAN	5	4.34	70.4	33	1.0	78	56	.	.	6.0	.	.	.	.
3 ROBLIN	3	4.53	71.2	36	1.6	95	53	.	.	8.8	.	.	.	.
4 CDC TEAL	2	4.55	73.5	35	1.7	98	55	.	.	7.5	.	.	.	.
5 AC REED	1	4.71	68.5	32	0.8	81	55	.	.	8.8	.	.	.	.
LOCATIONS		5	6	6	5	6	5	0	0	1	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:
 1992: NEW LISKEARD, EMO.
 1993: LISKEARD.
 1994: NEW LISKEARD, EMO.

YEAR(S): 92-94
 MGMT : NORMAL
 AREA(S): 2- 5

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	BYD
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 CELTIC	2	3.70	75.0	35	1.4	86	55	3.3	0.5	4.0	1.4	4.3	.	.
2 NORSEMAN	5	3.56	72.3	33	0.7	78	57	3.3	0.0	4.6	1.9	4.3	.	.
3 ROBLIN	2	3.70	74.1	36	1.4	95	52	3.8	4.0	5.5	1.3	3.3	.	.
4 CDC TEAL	1	3.84	75.0	35	1.4	98	55	3.0	4.0	4.6	1.9	4.7	.	.
5 AC REED	4	3.59	68.5	30	0.7	82	55	4.7	6.0	6.2	0.9	3.3	.	.
LOCATIONS		18	19	19	13	19	18	7	1	7	2	1	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:
 1992: WINTHROP, ELORA, HARRISTON, OTTAWA-1, NEW LISKEARD, EMO.
 1993: WINTHROP, ELORA, HARRISTON, OTTAWA-1, NEW LISKEARD.
 1994: WINTHROP, ELORA, HARRISTON, OTTAWA-1, KEMPTVILLE, NEW LISKEARD, EMO.

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

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 93-94
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	EA93N	WP93N	HN93N	WP94N	EA94N	HN94N	MEAN
1 CELTIC	2.52	2.50	4.05	2.27	3.56	3.17	3.01
2 NORSEMAN	2.77	2.38	3.61	2.07	3.33	2.88	2.84
3 ROBLIN	3.44	2.50	3.53	2.19	3.10	2.74	2.92
4 CDC TEAL	3.48	2.20	3.88	2.32	3.43	2.76	3.01
5 AC REED	2.06	0.91	2.08	2.02	3.00	2.12	2.03
6 BW.90	3.33	2.53	3.89	2.32	3.51	3.25	3.14
LOCATION MEAN	2.93	2.18	3.51	2.20	3.32	2.82	2.83

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	EA93N	WP93N	HN93N	WP94N	EA94N	HN94N	MEAN*
1 CELTIC	86	115	115	103	107	112	107
2 NORSEMAN	94	109	103	94	100	102	101
3 ROBLIN	117	115	101	100	93	97	104
4 CDC TEAL	119	101	111	106	103	98	106
5 AC REED	70	42	59	92	90	75	72
6 BW.90	114	117	111	106	106	115	111
LOCATION MEAN	2.93	2.18	3.51	2.20	3.32	2.82	2.83

TRAIT : YIELD
 YEAR(S) : 93-94
 AREA : 3

KEY NAME	O193N	KE94N	O194N	MEAN
1 CELTIC	5.19	3.41	3.85	4.15
2 NORSEMAN	4.63	2.82	3.99	3.81
3 ROBLIN	4.83	2.98	3.19	3.67
4 CDC TEAL	4.51	3.41	3.65	3.86
5 AC REED	4.53	3.82	4.35	4.23
6 BW.90	4.93	3.59	3.68	4.07
LOCATION MEAN	4.77	3.34	3.78	3.96

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O193N	KE94N	O194N	MEAN*
1 CELTIC	109	102	102	104
2 NORSEMAN	97	84	105	96
3 ROBLIN	101	89	84	92
4 CDC TEAL	95	102	96	98
5 AC REED	95	114	115	108
6 BW.90	103	108	97	103
LOCATION MEAN	4.77	3.34	3.78	3.96

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

TRAIT : YIELD
 YEAR(S) : 93-94
 AREA : 5

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	NL93N	NL94N	EO94N	MEAN
1 CELTIC	4.56	3.62	2.57	3.58
2 NORSEMAN	4.71	3.98	2.37	3.69
3 ROBLIN	5.01	4.42	2.14	3.86
4 CDC TEAL	4.88	4.01	2.57	3.82
5 AC REED	5.30	4.30	1.98	3.86
6 BW.90	5.14	3.95	2.97	4.02
LOCATION MEAN	4.93	4.05	2.43	3.80

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NL93N	NL94N	EO94N	MEAN*
1 CELTIC	92	89	106	96
2 NORSEMAN	95	98	97	97
3 ROBLIN	102	109	88	100
4 CDC TEAL	99	99	106	101
5 AC REED	107	106	81	98
6 BW.90	104	98	122	108
LOCATION MEAN	4.93	4.05	2.43	3.80

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD
 YEAR(S) : 93-94
 AREA : 2-5
 MGMT : NORMAL

KEY NAME	AREA 2 (6)**	AREA 3 (3)	AREA 5 (3)	PROV (12)***
1 CELTIC	3.01	4.15	3.58	3.44
2 NORSEMAN	2.84	3.81	3.69	3.30
3 ROBLIN	2.92	3.67	3.86	3.34
4 CDC TEAL	3.01	3.86	3.82	3.42
5 AC REED	2.03	4.23	3.86	3.04
6 BW.90	3.14	4.07	4.02	3.59
OVERALL MEAN	2.83	3.96	3.80	3.36

DATA EXPRESSED RELATIVE TO LOCATION MEANS

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 2	AREA 3	AREA 5	PROV
1 CELTIC	106.6	104.2	95.8	103.3
2 NORSEMAN	100.5	95.7	97.1	98.5
3 ROBLIN	103.9	91.6	99.6	99.7
4 CDC TEAL	106.2	97.7	101.2	102.8
5 AC REED	71.5	108.1	98.4	87.4
6 BW.90	111.3	102.7	108.0	108.3
OVERALL MEAN	2.83	3.96	3.80	3.36

** # OF LOCATIONS
 *** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

YEAR(S) : 93-94
 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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	2	3.01	74.5	35	1.5	90	56	2.7	0.5	3.6	1.4	.	.	.
2 NORSEMAN	5	2.84	71.2	32	0.5	81	58	3.0	0.0	3.6	1.9	.	.	.
3 ROBLIN	4	2.92	74.4	37	0.9	97	53	3.1	4.0	4.7	1.3	.	.	.
4 CDC TEAL	2	3.01	74.1	34	1.4	98	56	2.5	4.0	3.8	1.9	.	.	.
5 AC REED	6	2.03	62.4	24	1.1	83	56	4.0	6.0	5.4	0.9	.	.	.
6 BW.90	1	3.14	75.2	34	2.6	106	56	1.7	3.0	3.0	1.9	.	.	.
LOCATIONS		6	6	6	3	6	6	5	1	5	2	0	0	0

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

YEAR(S) : 93-94
 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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	2	4.15	78.8	33	0.0	82	55	.	.	.	.	.	.	.
2 NORSEMAN	5	3.81	79.6	35	0.0	74	58	.	.	.	.	.	.	.
3 ROBLIN	6	3.67	78.0	33	0.0	87	53	.	.	.	.	.	.	.
4 CDC TEAL	4	3.86	79.5	34	0.0	91	55	.	.	.	.	.	.	.
5 AC REED	1	4.23	77.4	35	0.0	79	55	.	.	.	.	.	.	.
6 BW.90	3	4.07	81.4	34	2.5	102	55	.	.	.	.	.	.	.
LOCATIONS		3	3	3	2	3	3	0	0	0	0	0	0	0

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

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

YEAR(S): 93-94
 MGMT : NORMAL
 AREA : 5

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	6	3.58	73.1	33	0.7	84	54	.	.	6.3	.	.	.	.
2 NORSEMAN	5	3.69	70.3	32	0.7	76	54	.	.	6.0	.	.	.	.
3 ROBLIN	2	3.86	70.9	35	1.4	93	53	.	.	8.8	.	.	.	.
4 CDC TEAL	4	3.82	73.2	34	0.9	95	54	.	.	7.5	.	.	.	.
5 AC REED	2	3.86	68.6	30	0.7	81	54	.	.	8.8	.	.	.	.
6 BW.90	1	4.02	73.0	34	1.2	101	54	.	.	6.8	.	.	.	.
LOCATIONS		3	4	4	3	4	3	0	0	1	0	0	0	0

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

YEAR(S): 93-94
 MGMT : NORMAL
 AREA(S): 2- 5

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	2	3.44	75.1	34	0.8	86	55	2.7	0.5	4.1	1.4	.	.	.
2 NORSEMAN	5	3.30	72.9	32	0.4	78	57	3.0	0.0	4.0	1.9	.	.	.
3 ROBLIN	4	3.34	74.2	35	0.9	93	53	3.1	4.0	5.4	1.3	.	.	.
4 CDC TEAL	3	3.42	75.1	34	0.9	95	55	2.5	4.0	4.5	1.9	.	.	.
5 AC REED	6	3.04	67.8	28	0.7	82	55	4.0	6.0	6.0	0.9	.	.	.
6 BW.90	1	3.59	75.9	34	2.0	103	55	1.7	3.0	3.6	1.9	.	.	.
LOCATIONS		12	13	13	8	13	12	5	1	6	2	0	0	0

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

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

TRAIT : YIELD
 YEAR : 94
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WP94N	EA94N	HN94N	MEAN
1 CELTIC	2.27	3.56	3.17	3.00
2 NORSEMAN	2.07	3.33	2.88	2.76
3 ROBLIN	2.19	3.10	2.74	2.68
4 CDC TEAL	2.32	3.43	2.76	2.84
5 AC REED	2.02	3.00	2.12	2.38
6 BW.90	2.32	3.51	3.25	3.03
7 QW522.3	2.29	3.42	3.05	2.92
LOCATION MEAN	2.21	3.34	2.85	2.80

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WP94N	EA94N	HN94N	MEAN*
1 CELTIC	103	107	111	107
2 NORSEMAN	94	100	101	98
3 ROBLIN	99	93	96	96
4 CDC TEAL	105	103	97	101
5 AC REED	91	90	74	85
6 BW.90	105	105	114	108
7 QW522.3	104	103	107	104
LOCATION MEAN	2.21	3.34	2.85	2.80

TRAIT : YIELD
 YEAR : 94
 AREA : 3

KEY NAME	KE94N	O194N	MEAN
1 CELTIC	3.41	3.85	3.63
2 NORSEMAN	2.82	3.99	3.40
3 ROBLIN	2.98	3.19	3.09
4 CDC TEAL	3.41	3.65	3.53
5 AC REED	3.82	4.35	4.09
6 BW.90	3.59	3.68	3.63
7 QW522.3	3.44	4.22	3.83
LOCATION MEAN	3.35	3.85	3.60

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	KE94N	O194N	MEAN*
1 CELTIC	102	100	101
2 NORSEMAN	84	104	94
3 ROBLIN	89	83	86
4 CDC TEAL	102	95	98
5 AC REED	114	113	114
6 BW.90	107	96	101
7 QW522.3	103	110	106
LOCATION MEAN	3.35	3.85	3.60

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

TRAIT : YIELD
 YEAR : 94
 AREA : 5

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	NL94N	EO94N	MEAN
1 CELTIC	3.62	2.57	3.09
2 NORSEMAN	3.98	2.37	3.17
3 ROBLIN	4.42	2.14	3.28
4 CDC TEAL	4.01	2.57	3.29
5 AC REED	4.30	1.98	3.14
6 BW.90	3.95	2.97	3.46
7 QW522.3	4.02	2.67	3.35
LOCATION MEAN	4.04	2.47	3.26

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NL94N	EO94N	MEAN*
1 CELTIC	90	104	97
2 NORSEMAN	98	96	97
3 ROBLIN	109	87	98
4 CDC TEAL	99	104	102
5 AC REED	106	80	93
6 BW.90	98	120	109
7 QW522.3	99	108	104
LOCATION MEAN	4.04	2.47	3.26

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

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

KEY NAME	AREA 2 (3)*	AREA 3 (2)	AREA 5 (2)	PROV (7)**
1 CELTIC	3.00	3.63	3.09	3.21
2 NORSEMAN	2.76	3.40	3.17	3.06
3 ROBLIN	2.68	3.09	3.28	2.97
4 CDC TEAL	2.84	3.53	3.29	3.16
5 AC REED	2.38	4.09	3.14	3.08
6 BW.90	3.03	3.63	3.46	3.32
7 QW522.3	2.92	3.83	3.35	3.30
OVERALL MEAN	2.80	3.60	3.26	3.16

DATA EXPRESSED RELATIVE TO LOCATION MEANS
 MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 2	AREA 3	AREA 5	PROV
1 CELTIC	106.8	100.9	96.9	102.3
2 NORSEMAN	98.1	93.9	97.3	96.7
3 ROBLIN	96.0	85.9	98.0	93.7
4 CDC TEAL	101.5	98.3	101.7	100.6
5 AC REED	85.2	113.5	93.3	95.6
6 BW.90	108.0	101.4	109.0	106.4
7 QW522.3	104.3	106.1	103.8	104.7
OVERALL MEAN	2.80	3.60	3.26	3.16

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

YEAR : 94
 MGMT : NORMAL
 AREA : 2

KEY NAME	RK	YIELD	TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	BYD
		T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 CELTIC	2	3.00	75.9	37	2.3	89	55	1.7	.	2.5	1.4	.	.	.
2 NORSEMAN	5	2.76	71.9	32	0.8	80	57	1.9	.	3.8	1.9	.	.	.
3 ROBLIN	6	2.68	73.8	37	1.3	89	51	1.4	.	4.8	1.3	.	.	.
4 CDC TEAL	4	2.84	74.5	35	1.9	92	55	1.3	.	4.1	1.9	.	.	.
5 AC REED	7	2.38	69.1	29	1.6	80	55	2.3	.	4.2	0.9	.	.	.
6 BW.90	1	3.03	75.7	36	3.7	101	55	1.2	.	3.3	1.9	.	.	.
7 QW522.3	3	2.92	74.7	33	3.8	99	57	3.6	.	2.7	2.2	.	.	.
LOCATIONS		3	3	3	2	3	3	3	0	2	2	0	0	0

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

YEAR : 94
 MGMT : NORMAL
 AREA : 3

KEY NAME	RK	YIELD	TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	BYD
		T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 CELTIC	3	3.63	81.3	35	0.0	79	56	.	.	.	.	.	.	.
2 NORSEMAN	6	3.40	79.8	36	0.0	73	58	.	.	.	.	.	.	.
3 ROBLIN	7	3.09	78.8	33	0.0	78	53	.	.	.	.	.	.	.
4 CDC TEAL	5	3.53	80.8	35	0.0	86	55	.	.	.	.	.	.	.
5 AC REED	1	4.09	76.2	35	0.0	77	55	.	.	.	.	.	.	.
6 BW.90	3	3.63	82.4	36	2.0	97	55	.	.	.	.	.	.	.
7 QW522.3	2	3.83	80.0	36	0.0	100	58	.	.	.	.	.	.	.
LOCATIONS		2	2	2	1	2	2	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 RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

YEAR : 94
 MGMT : NORMAL
 AREA : 5

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	7	3.09	73.3	30	1.0	80	51	.	.	.	.	.	.	.
2 NORSEMAN	5	3.17	69.8	30	1.0	74	52	.	.	.	.	.	.	.
3 ROBLIN	4	3.28	71.8	34	1.0	90	50	.	.	.	.	.	.	.
4 CDC TEAL	3	3.29	72.4	32	1.0	94	52	.	.	.	.	.	.	.
5 AC REED	6	3.14	69.1	30	1.0	78	52	.	.	.	.	.	.	.
6 BW.90	1	3.46	74.4	33	1.0	99	52	.	.	.	.	.	.	.
7 QW522.3	2	3.35	74.8	33	1.0	96	56	.	.	.	.	.	.	.
LOCATIONS		2	2	2	1	2	2	0	0	0	0	0	0	0

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

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

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	3	3.21	76.7	34	1.4	83	54	1.7	.	2.5	1.4	.	.	.
2 NORSEMAN	6	3.06	73.5	32	0.6	76	56	1.9	.	3.8	1.9	.	.	.
3 ROBLIN	7	2.97	74.6	35	0.9	86	51	1.4	.	4.8	1.3	.	.	.
4 CDC TEAL	4	3.16	75.7	34	1.2	91	54	1.3	.	4.1	1.9	.	.	.
5 AC REED	5	3.08	71.1	31	1.1	79	54	2.3	.	4.2	0.9	.	.	.
6 BW.90	1	3.32	77.3	35	2.6	99	54	1.2	.	3.3	1.9	.	.	.
7 QW522.3	2	3.30	76.2	34	2.1	98	57	3.6	.	2.7	2.2	.	.	.
LOCATIONS		7	7	7	4	7	7	3	0	2	2	0	0	0

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

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

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	4	2.27	76.7	36	2.5	94	63	3.5	.	2.8	2.5	.	.	.
2 NORSEMAN	6	2.07	74.0	31	1.0	96	65	4.5	.	3.3	3.0	.	.	.
3 ROBLIN	5	2.19	75.1	35	2.0	94	59	4.0	.	5.8	1.5	.	.	.
4 CDC TEAL	1	2.32	76.8	37	3.5	98	62	2.0	.	4.5	2.0	.	.	.
5 AC REED	7	2.02	70.1	28	3.0	83	65	5.0	.	5.0	1.0	.	.	.
6 BW.90	1	2.32	77.3	36	6.0	114	63	2.5	.	3.5	3.0	.	.	.
7 QW522.3	3	2.29	77.0	33	5.5	113	65	5.0	.	3.0	3.0	.	.	.
MEANS		2.21	75.3	34	3.4	99	63	3.8	.	4.0	2.3	.	.	.

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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	1	3.56	76.7	37	.	87	49	1.7	.	.	.	.	.	.
2 NORSEMAN	5	3.33	73.0	34	.	70	51	1.3	.	.	.	.	.	.
3 ROBLIN	6	3.10	73.6	37	.	85	45	0.3	.	.	.	.	.	.
4 CDC TEAL	3	3.43	74.8	33	.	90	50	2.0	.	.	.	.	.	.
5 AC REED	7	3.00	69.9	31	.	83	48	2.0	.	.	.	.	.	.
6 BW.90	2	3.51	76.1	33	.	97	48	1.0	.	.	.	.	.	.
7 QW522.3	4	3.42	75.4	33	.	92	51	2.0	.	.	.	.	.	.
MEANS		3.34	74.2	34	.	86	49	1.5	.	.	.	.	.	.

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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	2	3.17	74.2	38	2.0	85	52	0.0	.	2.3	0.3	.	.	.
2 NORSEMAN	4	2.88	68.6	30	0.5	75	54	0.0	.	4.3	0.7	.	.	.
3 ROBLIN	6	2.74	72.6	40	0.5	88	48	0.0	.	3.7	1.0	.	.	.
4 CDC TEAL	5	2.76	72.0	34	0.3	88	53	0.0	.	3.7	1.7	.	.	.
5 AC REED	7	2.12	67.2	28	0.3	75	53	0.0	.	3.3	0.7	.	.	.
6 BW.90	1	3.25	73.8	38	1.3	93	53	0.0	.	3.0	0.7	.	.	.
7 QW522.3	3	3.05	71.6	34	2.0	93	55	3.7	.	2.3	1.3	.	.	.
MEANS		2.85	71.4	35	1.0	85	53	0.5	.	3.2	0.9	.	.	.

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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	4	3.41	83.7	33	0.0	85	58	.	.	.	.	.	.	.
2 NORSEMAN	7	2.82	82.7	36	0.0	80	61	.	.	.	.	.	.	.
3 ROBLIN	6	2.98	81.6	34	0.0	90	54	.	.	.	.	.	.	.
4 CDC TEAL	4	3.41	83.7	35	0.0	95	57	.	.	.	.	.	.	.
5 AC REED	1	3.82	77.4	32	0.0	85	57	.	.	.	.	.	.	.
6 BW.90	2	3.59	85.8	36	2.0	105	56	.	.	.	.	.	.	.
7 QW522.3	3	3.44	80.6	35	0.0	105	60	.	.	.	.	.	.	.
MEANS		3.35	82.2	34	0.3	92	58	.	.	.	.	.	.	.

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; SPRING RED AND WHITE WHEAT 1994

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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	4	3.85	78.8	37	.	73	53	.	.	.	.	.	.	.
2 NORSEMAN	3	3.99	76.8	35	.	65	55	.	.	.	.	.	.	.
3 ROBLIN	7	3.19	76.0	32	.	66	52	.	.	.	.	.	.	.
4 CDC TEAL	6	3.65	77.9	35	.	76	53	.	.	.	.	.	.	.
5 AC REED	1	4.35	75.0	38	.	69	53	.	.	.	.	.	.	.
6 BW.90	5	3.68	79.1	35	.	88	53	.	.	.	.	.	.	.
7 QW522.3	2	4.22	79.4	36	.	94	55	.	.	.	.	.	.	.
MEANS		3.85	77.6	35	.	76	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	SRS 0-9	MAT *
	RK	T/HA												
1 CELTIC	7	3.62	73.6	25	1.0	81	54	.	.	.	.	.	.	106
2 NORSEMAN	5	3.98	70.5	28	1.0	77	54	.	.	.	.	.	.	109
3 ROBLIN	1	4.42	73.6	33	1.0	96	51	.	.	.	.	.	.	102
4 CDC TEAL	4	4.01	74.8	30	1.0	97	54	.	.	.	.	.	.	103
5 AC REED	2	4.30	71.1	26	1.0	79	54	.	.	.	.	.	.	108
6 BW.90	6	3.95	74.8	29	1.0	106	54	.	.	.	.	.	.	103
7 QW522.3	3	4.02	75.5	30	1.0	103	56	.	.	.	.	.	.	106
MEANS		4.04	73.4	29	1.0	91	54	.	.	.	.	.	.	105

LOCATION - EMO
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SRS 0-9	MAT *
	RK	T/HA												
1 CELTIC	3	2.57	73.0	35	.	79	48	.	.	.	.	.	.	99
2 NORSEMAN	5	2.37	69.0	32	.	70	50	.	.	.	.	.	.	103
3 ROBLIN	6	2.14	70.0	34	.	84	48	.	.	.	.	.	.	97
4 CDC TEAL	3	2.57	70.0	34	.	90	49	.	.	.	.	.	.	103
5 AC REED	7	1.98	67.0	33	.	76	49	.	.	.	.	.	.	99
6 BW.90	1	2.97	74.0	36	.	91	49	.	.	.	.	.	.	103
7 QW522.3	2	2.67	74.0	36	.	89	55	.	.	.	.	.	.	110
MEANS		2.47	71.0	34	.	83	50	.	.	.	.	.	.	102

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; SPRING RED, WHITE, AND DURUM WHEAT

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LEGEND

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

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

LOCATIONS ABBREVIATIONS

EA	ELORA
EO	EMO
HN	HARRISTON
KE	KEMPTVILLE
NL	NEW LISKEARD
O1	OTTAWA-1
WP	WINTHROP

ONTARIO RECOMMENDATION; SPRING RED, WHITE, AND DURUM WHEAT
 ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR : 94
 AREA : 2

KEY NAME	WP94N	EA94N	HN94N	MEAN
1 CELTIC	2.27	3.56	3.17	3.00
2 NORSEMAN	2.07	3.33	2.88	2.76
3 ROBLIN	2.19	3.10	2.74	2.68
4 CDC TEAL	2.32	3.43	2.76	2.84
5 AC REED	2.02	3.00	2.12	2.38
6 BW.90	2.32	3.51	3.25	3.03
7 QW522.3	2.29	3.42	3.05	2.92
8 MEDORA	2.08	3.02	2.24	2.45
LOCATION MEAN	2.20	3.30	2.78	2.76

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WP94N	EA94N	HN94N	MEAN*
1 CELTIC	103	108	114	109
2 NORSEMAN	94	101	104	100
3 ROBLIN	100	94	99	98
4 CDC TEAL	106	104	99	103
5 AC REED	92	91	76	86
6 BW.90	106	106	117	110
7 QW522.3	104	104	110	106
8 MEDORA	95	92	81	89
LOCATION MEAN	2.20	3.30	2.78	2.76

TRAIT : YIELD
 YEAR : 94
 AREA : 3

KEY NAME	KE94N	O194N	MEAN
1 CELTIC	3.41	3.85	3.63
2 NORSEMAN	2.82	3.99	3.40
3 ROBLIN	2.98	3.19	3.09
4 CDC TEAL	3.41	3.65	3.53
5 AC REED	3.82	4.35	4.09
6 BW.90	3.59	3.68	3.63
7 QW522.3	3.44	4.22	3.83
8 MEDORA	3.50	3.52	3.51
LOCATION MEAN	3.37	3.81	3.59

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	KE94N	O194N	MEAN*
1 CELTIC	101	101	101
2 NORSEMAN	84	105	94
3 ROBLIN	88	84	86
4 CDC TEAL	101	96	99
5 AC REED	113	114	114
6 BW.90	106	97	102
7 QW522.3	102	111	106
8 MEDORA	104	92	98
LOCATION MEAN	3.37	3.81	3.59

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION; SPRING RED, WHITE, AND DURUM WHEAT

TRAIT : YIELD
 YEAR : 94
 AREA : 5

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	NL94N	EO94N	MEAN
1 CELTIC	3.62	2.57	3.09
2 NORSEMAN	3.98	2.37	3.17
3 ROBLIN	4.42	2.14	3.28
4 CDC TEAL	4.01	2.57	3.29
5 AC REED	4.30	1.98	3.14
6 BW.90	3.95	2.97	3.46
7 QW522.3	4.02	2.67	3.35
8 MEDORA	4.83	2.50	3.66
LOCATION MEAN	4.14	2.47	3.31

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NL94N	EO94N	MEAN*
1 CELTIC	87	104	96
2 NORSEMAN	96	96	96
3 ROBLIN	107	87	97
4 CDC TEAL	97	104	100
5 AC REED	104	80	92
6 BW.90	95	120	108
7 QW522.3	97	108	103
8 MEDORA	117	101	109
LOCATION MEAN	4.14	2.47	3.31

YEAR : 94
 AREA : 2-5

KEY NAME	AREA 2 (3)**	AREA 3 (2)	AREA 5 (2)	PROV (7)***
1 CELTIC	3.00	3.63	3.09	3.21
2 NORSEMAN	2.76	3.40	3.17	3.06
3 ROBLIN	2.68	3.09	3.28	2.97
4 CDC TEAL	2.84	3.53	3.29	3.16
5 AC REED	2.38	4.09	3.14	3.08
6 BW.90	3.03	3.63	3.46	3.32
7 QW522.3	2.92	3.83	3.35	3.30
8 MEDORA	2.45	3.51	3.66	3.10
OVERALL MEAN	2.76	3.59	3.31	3.15

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	AREA 2	AREA 3	AREA 5	PROV
1 CELTIC	108.5	101.1	95.7	102.8
2 NORSEMAN	99.7	94.2	96.0	97.1
3 ROBLIN	97.5	86.1	96.7	94.0
4 CDC TEAL	103.1	98.5	100.4	101.0
5 AC REED	86.5	113.8	92.0	95.9
6 BW.90	109.7	101.6	107.8	106.9
7 QW522.3	106.0	106.5	102.6	105.1
8 MEDORA	89.0	98.1	108.9	97.3
OVERALL MEAN	2.76	3.59	3.31	3.15

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

ONTARIO RECOMMENDATION; SPRING RED, WHITE, AND DURUM WHEAT

YEAR : 94
 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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	2	3.00	75.9	37	2.3	89	55	1.7	.	2.5	1.4	.	.	.
2 NORSEMAN	5	2.76	71.9	32	0.8	80	57	1.9	.	3.8	1.9	.	.	.
3 ROBLIN	6	2.68	73.8	37	1.3	89	51	1.4	.	4.8	1.3	.	.	.
4 CDC TEAL	4	2.84	74.5	35	1.9	92	55	1.3	.	4.1	1.9	.	.	.
5 AC REED	8	2.38	69.1	29	1.6	80	55	2.3	.	4.2	0.9	.	.	.
6 BW.90	1	3.03	75.7	36	3.7	101	55	1.2	.	3.3	1.9	.	.	.
7 QW522.3	3	2.92	74.7	33	3.8	99	57	3.6	.	2.7	2.2	.	.	.
8 MEDORA	7	2.45	74.0	42	2.8	101	56	2.4	.	3.4	1.9	.	.	.
LOCATIONS		3	3	3	2	3	3	3	0	2	2	0	0	0

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

YEAR : 94
 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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	3	3.63	81.3	35	0.0	79	56	.	.	.	.	.	.	.
2 NORSEMAN	7	3.40	79.8	36	0.0	73	58	.	.	.	.	.	.	.
3 ROBLIN	8	3.09	78.8	33	0.0	78	53	.	.	.	.	.	.	.
4 CDC TEAL	5	3.53	80.8	35	0.0	86	55	.	.	.	.	.	.	.
5 AC REED	1	4.09	76.2	35	0.0	77	55	.	.	.	.	.	.	.
6 BW.90	3	3.63	82.4	36	2.0	97	55	.	.	.	.	.	.	.
7 QW522.3	2	3.83	80.0	36	0.0	100	58	.	.	.	.	.	.	.
8 MEDORA	6	3.51	80.4	37	0.0	99	57	.	.	.	.	.	.	.
LOCATIONS		2	2	2	1	2	2	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 RECOMMENDATION; SPRING RED, WHITE, AND DURUM WHEAT

YEAR : 94
 MGMT : NORMAL
 AREA : 5

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	8	3.09	73.3	30	1.0	80	51	.	.	.	.	.	.	.
2 NORSEMAN	6	3.17	69.8	30	1.0	74	52	.	.	.	.	.	.	.
3 ROBLIN	5	3.28	71.8	34	1.0	90	50	.	.	.	.	.	.	.
4 CDC TEAL	4	3.29	72.4	32	1.0	94	52	.	.	.	.	.	.	.
5 AC REED	7	3.14	69.1	30	1.0	78	52	.	.	.	.	.	.	.
6 BW.90	2	3.46	74.4	33	1.0	99	52	.	.	.	.	.	.	.
7 QW522.3	3	3.35	74.8	33	1.0	96	56	.	.	.	.	.	.	.
8 MEDORA	1	3.66	73.6	37	2.0	101	56	.	.	.	.	.	.	.
LOCATIONS		2	2	2	1	2	2	0	0	0	0	0	0	0

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

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

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	3	3.21	76.7	34	1.4	83	54	1.7	.	2.5	1.4	.	.	.
2 NORSEMAN	7	3.06	73.5	32	0.6	76	56	1.9	.	3.8	1.9	.	.	.
3 ROBLIN	8	2.97	74.6	35	0.9	86	51	1.4	.	4.8	1.3	.	.	.
4 CDC TEAL	4	3.16	75.7	34	1.2	91	54	1.3	.	4.1	1.9	.	.	.
5 AC REED	6	3.08	71.1	31	1.1	79	54	2.3	.	4.2	0.9	.	.	.
6 BW.90	1	3.32	77.3	35	2.6	99	54	1.2	.	3.3	1.9	.	.	.
7 QW522.3	2	3.30	76.2	34	2.1	98	57	3.6	.	2.7	2.2	.	.	.
8 MEDORA	5	3.10	75.7	39	1.9	100	56	2.4	.	3.4	1.9	.	.	.
LOCATIONS		7	7	7	4	7	7	3	0	2	2	0	0	0

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

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

ONTARIO RECOMMENDATION; SPRING RED, WHITE, AND DURUM WHEAT

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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	4	2.27	76.7	36	2.5	94	63	3.5	.	2.8	2.5	.	.	.
2 NORSEMAN	7	2.07	74.0	31	1.0	96	65	4.5	.	3.3	3.0	.	.	.
3 ROBLIN	5	2.19	75.1	35	2.0	94	59	4.0	.	5.8	1.5	.	.	.
4 CDC TEAL	1	2.32	76.8	37	3.5	98	62	2.0	.	4.5	2.0	.	.	.
5 AC REED	8	2.02	70.1	28	3.0	83	65	5.0	.	5.0	1.0	.	.	.
6 BW.90	1	2.32	77.3	36	6.0	114	63	2.5	.	3.5	3.0	.	.	.
7 QW522.3	3	2.29	77.0	33	5.5	113	65	5.0	.	3.0	3.0	.	.	.
8 MEDORA	6	2.08	74.2	40	5.5	116	64	6.5	.	3.5	3.5	.	.	.
MEANS		2.19	75.2	34	3.6	101	63	4.1	.	3.9	2.4	.	.	.

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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	1	3.56	76.7	37	.	87	49	1.7	.	.	.	.	.	.
2 NORSEMAN	5	3.33	73.0	34	.	70	51	1.3	.	.	.	.	.	.
3 ROBLIN	6	3.10	73.6	37	.	85	45	0.3	.	.	.	.	.	.
4 CDC TEAL	3	3.43	74.8	33	.	90	50	2.0	.	.	.	.	.	.
5 AC REED	8	3.00	69.9	31	.	83	48	2.0	.	.	.	.	.	.
6 BW.90	2	3.51	76.1	33	.	97	48	1.0	.	.	.	.	.	.
7 QW522.3	4	3.42	75.4	33	.	92	51	2.0	.	.	.	.	.	.
8 MEDORA	7	3.02	76.7	40	.	93	51	0.7	.	.	.	.	.	.
MEANS		3.30	74.5	35	.	87	49	1.4	.	.	.	.	.	.

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	SRS 0-9	BYD 0-9
	RK	T/HA												
1 CELTIC	2	3.17	74.2	38	2.0	85	52	0.0	.	2.3	0.3	.	.	.
2 NORSEMAN	4	2.88	68.6	30	0.5	75	54	0.0	.	4.3	0.7	.	.	.
3 ROBLIN	6	2.74	72.6	40	0.5	88	48	0.0	.	3.7	1.0	.	.	.
4 CDC TEAL	5	2.76	72.0	34	0.3	88	53	0.0	.	3.7	1.7	.	.	.
5 AC REED	8	2.12	67.2	28	0.3	75	53	0.0	.	3.3	0.7	.	.	.
6 BW.90	1	3.25	73.8	38	1.3	93	53	0.0	.	3.0	0.7	.	.	.
7 QW522.3	3	3.05	71.6	34	2.0	93	55	3.7	.	2.3	1.3	.	.	.
8 MEDORA	7	2.24	71.2	47	0.0	93	54	0.0	.	3.3	0.3	.	.	.
MEANS		2.78	71.4	36	0.9	86	53	0.5	.	3.2	0.8	.	.	.

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; SPRING RED, WHITE, AND DURUM WHEAT

LOCATION - KEMPTVILLE
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	BYD
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 CELTIC	5	3.41	83.7	33	0.0	85	58	.	.	.	.	.	.	.
2 NORSEMAN	8	2.82	82.7	36	0.0	80	61	.	.	.	.	.	.	.
3 ROBLIN	7	2.98	81.6	34	0.0	90	54	.	.	.	.	.	.	.
4 CDC TEAL	5	3.41	83.7	35	0.0	95	57	.	.	.	.	.	.	.
5 AC REED	1	3.82	77.4	32	0.0	85	57	.	.	.	.	.	.	.
6 BW.90	2	3.59	85.8	36	2.0	105	56	.	.	.	.	.	.	.
7 QW522.3	4	3.44	80.6	35	0.0	105	60	.	.	.	.	.	.	.
8 MEDORA	3	3.50	82.7	34	0.0	105	60	.	.	.	.	.	.	.
MEANS		3.37	82.3	34	0.3	94	58	.	.	.	.	.	.	.

LOCATION - OTTAWA-1
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	BYD
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 CELTIC	4	3.85	78.8	37	.	73	53	.	.	.	.	.	.	.
2 NORSEMAN	3	3.99	76.8	35	.	65	55	.	.	.	.	.	.	.
3 ROBLIN	8	3.19	76.0	32	.	66	52	.	.	.	.	.	.	.
4 CDC TEAL	6	3.65	77.9	35	.	76	53	.	.	.	.	.	.	.
5 AC REED	1	4.35	75.0	38	.	69	53	.	.	.	.	.	.	.
6 BW.90	5	3.68	79.1	35	.	88	53	.	.	.	.	.	.	.
7 QW522.3	2	4.22	79.4	36	.	94	55	.	.	.	.	.	.	.
8 MEDORA	7	3.52	78.1	40	.	93	54	.	.	.	.	.	.	.
MEANS		3.81	77.6	36	.	78	54	.	.	.	.	.	.	.

LOCATION - NEW LISKEARD
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	MAT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	*
1 CELTIC	8	3.62	73.6	25	1.0	81	54	.	.	.	.	.	.	106
2 NORSEMAN	6	3.98	70.5	28	1.0	77	54	.	.	.	.	.	.	109
3 ROBLIN	2	4.42	73.6	33	1.0	96	51	.	.	.	.	.	.	102
4 CDC TEAL	5	4.01	74.8	30	1.0	97	54	.	.	.	.	.	.	103
5 AC REED	3	4.30	71.1	26	1.0	79	54	.	.	.	.	.	.	108
6 BW.90	7	3.95	74.8	29	1.0	106	54	.	.	.	.	.	.	103
7 QW522.3	4	4.02	75.5	30	1.0	103	56	.	.	.	.	.	.	116
8 MEDORA	1	4.83	76.1	36	2.0	106	56	.	.	.	.	.	.	118
MEANS		4.14	73.8	30	1.1	93	54	.	.	.	.	.	.	108

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION; SPRING RED, WHITE, AND DURUM WHEAT

LOCATION - EMO
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	MAT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	*
1 CELTIC	3	2.57	73.0	35	.	79	48	.	.	.	.	.	.	99
2 NORSEMAN	6	2.37	69.0	32	.	70	50	.	.	.	.	.	.	103
3 ROBLIN	7	2.14	70.0	34	.	84	48	.	.	.	.	.	.	97
4 CDC TEAL	3	2.57	70.0	34	.	90	49	.	.	.	.	.	.	103
5 AC REED	8	1.98	67.0	33	.	76	49	.	.	.	.	.	.	99
6 BW.90	1	2.97	74.0	36	.	91	49	.	.	.	.	.	.	103
7 QW522.3	2	2.67	74.0	36	.	89	55	.	.	.	.	.	.	110
8 MEDORA	5	2.50	71.0	37	.	95	55	.	.	.	.	.	.	106
MEANS		2.47	71.0	35	.	84	50	.	.	.	.	.	.	103

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS, SPRING DURUM WHEAT 1994

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- LEGEND

YLD	- YIELD (T/HA; 1 T/HA = 14.87 BU/AC)
TSTW	- TEST WEIGHT (KG/HL)
KW	- KERNEL WEIGHT (MG)
LOG	- LODGING
HGT	- HEIGHT (CM)
HDT	- HEADING DATE*
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

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

DESCRIPTION OF VARIETIES

MEDORA:
WARD/MACOUN. DEVELOPED AT THE AGRICULTURE CANADA RESEARCH STATION,
WINNIPEG. MARKETED BY SECAN. SUSCEPTIBLE TO MOST PREVALANT DISEASES.

ONTARIO RECOMMENDATION TRIALS, SPRING DURUM WHEAT 1994

YEAR(S): 87-94
AREA : 2

KEY NAME	YIELD 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	SRS 0-9	BYD 0-9
1 MEDORA	3.06	72.9	39	2.7	100	58	3.5	1.4	3.5	1.9	3.2	.	6.6
LOCATIONS	21	20	19	8	21	21	17	6	11	2	2	0	2

YEAR(S): 87-94
AREA(S): 2- 5

KEY NAME	YIELD 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	SRS 0-9	BYD 0-9
1 MEDORA	3.40	73.6	39	2.4	101	58	3.5	1.4	3.9	1.9	3.2	.	6.6
LOCATIONS	30	30	29	15	31	30	17	6	12	2	2	0	2

YEAR(S): 92-94
AREA : 2

KEY NAME	YIELD 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	SRS 0-9	BYD 0-9
1 MEDORA	2.95	72.3	39	2.3	108	57	3.1	3.0	3.6	1.9	4.7	.	.
LOCATIONS	9	9	9	5	9	8	7	1	6	2	1	0	0

YEAR(S): 92-94
AREA : 3

KEY NAME	YIELD 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	SRS 0-9	BYD 0-9
1 MEDORA	3.95	80.6	40	0.5	98	56	.	.	.	.	.	.	.
LOCATIONS	4	4	4	2	4	4	0	0	0	0	0	0	0

YEAR(S): 92-94
AREA : 5

KEY NAME	YIELD 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	SRS 0-9	BYD 0-9
1 MEDORA	4.41	71.2	38	2.5	104	58	.	.	8.8	.	.	.	.
LOCATIONS	5	6	6	5	6	5	0	0	1	0	0	0	0

YEAR(S): 92-94
AREA(S): 2- 5

KEY NAME	YIELD 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	SRS 0-9	BYD 0-9
1 MEDORA	3.58	73.7	39	2.1	105	57	3.1	3.0	4.4	1.9	4.7	.	.
LOCATIONS	18	19	19	12	19	17	7	1	7	2	1	0	0

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

WESTERN PERFORMANCE; SPRING DURUM WHEAT 1994

LOCATION - ELORA
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SRS	BYD
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9
1 HERCULES;DT191	7	3.23	75.4	43	.	97	51	0.3	.	.	.	.	.	.
2 KYLE;DT375	9	3.04	72.3	39	.	103	55	0.3	.	.	.	.	.	.
3 SCEPTRE;DT380	11	2.70	71.7	35	.	85	54	2.0	.	.	.	.	.	.
4 MEDORA;DT433	3	3.37	76.1	40	.	95	51	1.7	.	.	.	.	.	.
5 PLENTY;DT606	4	3.33	74.2	40	.	100	54	1.3	.	.	.	.	.	.
6 DT483;ACWpg	8	3.18	72.3	40	.	87	52	2.7	.	.	.	.	.	.
7 DT484;ACWpg	6	3.26	72.3	38	.	78	51	1.7	.	.	.	.	.	.
8 DT647;Univ.Sk	1	3.57	71.7	38	.	93	53	1.0	.	.	.	.	.	.
9 DT648;Univ.Sk	2	3.45	71.7	38	.	102	54	1.0	.	.	.	.	.	.
10 DT650;Univ.Sk	10	2.86	72.3	36	.	83	53	1.3	.	.	.	.	.	.
11 DT912;SWP	4	3.33	72.3	40	.	93	53	0.3	.	.	.	.	.	.
MEANS		3.21	72.9	39	.	92	53	1.2	.	.	.	.	.	.

* 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	321	3	10	29	1432	2593	149	9.6	17.3	3.8

CO-OPERATORS AND LOCATIONS OF RECOMMENDATION TESTS, 1994

Testing area	Country or District	Co-operators	Crops					
			Barley	Oats	Winter Barley	Winter Wheat	Spring Wheat	
I	Kent	MH = W.G. Thompson and Sons Ltd., Morpeth, Ont.			X**			
	Kent I	RN = Ridgetown C.A.T., Ridgetown, Ont.	X	X	X*	X		
	Lambton	ID = David MacKellar, R.R. #7, Alvinston (Ridgetown C.A.T.)				X		
	Essex	HW = Hairrow Research Centre, Agriculture & Agri-Food Canada				X		
II	Oxford	WK = Crop Science Department, OAC, Woodstock, Ont.	X	X		X*		
	Huron	WP = W.G. Thompson and Sons Ltd., Winthrop, Ontario	X	X	X	X	X	
	Wellington I	EA = Crop Science Department, OAC, Elora, Ont.			X	X	X	
	Wellington II	Fairview Research Farms Ltd., R.R. #3, Harriston, Ontario			X**			
	Wellington	HN = C & M Seed Sales Inc., Pamerston, Ontario					X	
	Middlesex I	NN = W.G. Thompson & Sons Ltd., Naim, Ont.	X	X	X	X		
	Middlesex	LN = G. Vanhie, R.R. #8, London, Ont. (Ridgetown C.A.T.)				X		
	Lennox Addington	BH = L. Seaman, Agriculture & Agri-Food Canada, Bath, Ontario				X		
III	Dundas	Kemptville C.A.T., Winchester, Ont.	X	X**			X	
	Grenville	KE = Kemptville C.A.T., Kemptville, Ont.	X	X**		X		
	Carleton I	01 = Agriculture & Agri-Food Canada, P.R.C., Ottawa, Ont.	X	X		X	X	
	Renfrew	RW = L. Seaman, Agriculture & Agri-Food Canada, Renfrew, Ontario				X*		
IV	Wellington I	Crop Science Dept., OAC, Elora, Ont.	X	X				
	Wellington	C & M Seed Sales Inc., Palmerston, Ont.	X	X				
V	Temiskaming	NL = New Liskeard Agricultural Research Station, New Liskeard, Ont.	X	X**			X	
	Nipissing District	Verner Research Sta., Verner, Ont. (New Liskeard C.A.T.)	X**	X				
	Thunder Bay	Thunder Bay Agricultural Research Station, Thunder Bay, Ont.	X	X				
	Rainy River District	EO = Emo Agricultural Research Station, Emo, Ont.	X	X**			X	
VI	Cochrane	Agriculture & Agri-Food Canada, Exp. Farm, Kapuskasing, Ont.	X	X				

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

** Yield data not used