

Department of Crop Science

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1995 PROGRESS REPORT
OATS, BARLEY AND WHEAT

ONTARIO
RECOMMENDATION TRIALS



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

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The 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 Projects. 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 1995, Recommendation Tests of spring barley, oats, spring wheat and winter wheat were conducted in cooperation with the members of the Ontario Soil and Crop Improvement Association, commercial plant breeders, CAT Colleges and Agriculture Canada. Certified seed of registered cultivars was generously provided by Advantage Seeds, C & M Seeds, First Line Seeds, W.G. Thompson & Sons Ltd., and SeCan.

SPRING CEREALS

Reliable test data were obtained from 13 machine planted and harvested locations for spring barley, and 13 for oats across the province in 1995. The yields in 1995 were generally lower than the 1994 yields with currently recommended varieties of barley averaging 4.07 t/ha and currently recommended varieties of oats averaging 3.96 t/ha across the test locations. Area I had the highest average yields for barley and for oats. Area III had the lowest barley and Area II had the lowest oat yields.

Spring Barley. Across the province, Morrison was the highest yielding two-rowed barley at 4.21 t/ha, followed by the new line T103-69 at 4.07 t/ha. Over the last three years (1993-1995), Morrison averaged 4.17 t/ha, Lester 4.12 t/ha and AC Sterling 4.09 t/ha. In general, the two-rowed varieties were somewhat lower yielding than the six-rowed varieties. The highest yielding six-rowed variety was Chapais at 4.4 t/ha, followed by AC Stephen at 4.34 t/ha and AC Hamilton at 4.27 t/ha. Over the last three years (1993-1995) Chapais was the highest yielding variety of 4.55 t/ha, with AC Stephen next at 4.48 t/ha, then Sandrine and AC Hamilton at 4.43 t/ha. There were significant levels of powdery mildew at several locations and moderate levels of leaf rust as well in 1995. The early conditions were generally cool with normal levels of moisture. June was generally dry with heading slightly later than usual. July was hot and wet with disease, if it was present, progressing quickly to reduce the leaf area severely. Harvest was generally on time to early with a somewhat reduced filling period in most regions. Yields were lower than average and grain size generally low.

Oats. The highest yielding variety in 1995 was AC Hunter at 4.08 t/ha followed closely by Donegal and Robert 68 at 4.07 t/ha and GA891234 at 4.05 t/ha. Over the last five years (1991-1995), AC Rigodon has the highest average yield at 4.47 t/ha. Crown rust was heavy at some locations and the oats suffered some yield losses due to heat stress. Grain quality was generally good.

Spring Red and White Wheat. Yield data were obtained from 7 locations in 1995, 3 from Area II, 2 from Area III and V respectively. The overall average yield was 3.62 t/ha for the province. Grandin, a hard red spring wheat developed at North Dakota State University ranked first with a yield of 3.98 t/ha followed by SS Blomidon with a yield of 3.75 t/ha. Grandin also had the highest test weight and kernel weight among the registered varieties. SS Blomidon had the lowest mildew and septoria scores based on the 1995 provincial averages.

Spring Durum Wheat. Medora, the only registered durum wheat grown in the Recommendation Trial, had an average yield of 3.48 t/ha for the province. Medora had the highest thousand kernel weight amongst the spring wheats.

WINTER CEREALS

Winter Barley. There was no recommendation test in 1994/95 as there is only one recommended variety, OAC Elmira.

Fall Pastry Wheat. There were a total of 14 sites reporting yield in 1995, 4 from Area I, 8 from Area II, and 2 from Area III. The average yield of the Recommendation Trial was 5.78 t/ha. Freedom had the highest yield in Area I and II, and in the overall Provincial average. Zavitz was the top yielder in Area III. Zavitz had the highest thousand kernel weight and OAC Ariss topped the trial in test weight. Freedom had the lowest leaf rust and septoria scores in 1995 and Marilee had the best resistance to spindle streak mosaic virus.

Fall Red Wheat. Yield data were obtained from the same sites as the pastry wheat trial. Fundulea had the highest yield in all Areas as well as the lowest scores for all prevalent diseases excluding glume blotch. Ruby had the best score for glume blotch as well as a higher thousand kernel weight.

GROWING CONDITIONS

The autumn of 1994 was warm and dry most districts with excellent planting conditions. The winter was "normal", resulting in good winter survival of crops in all locations.

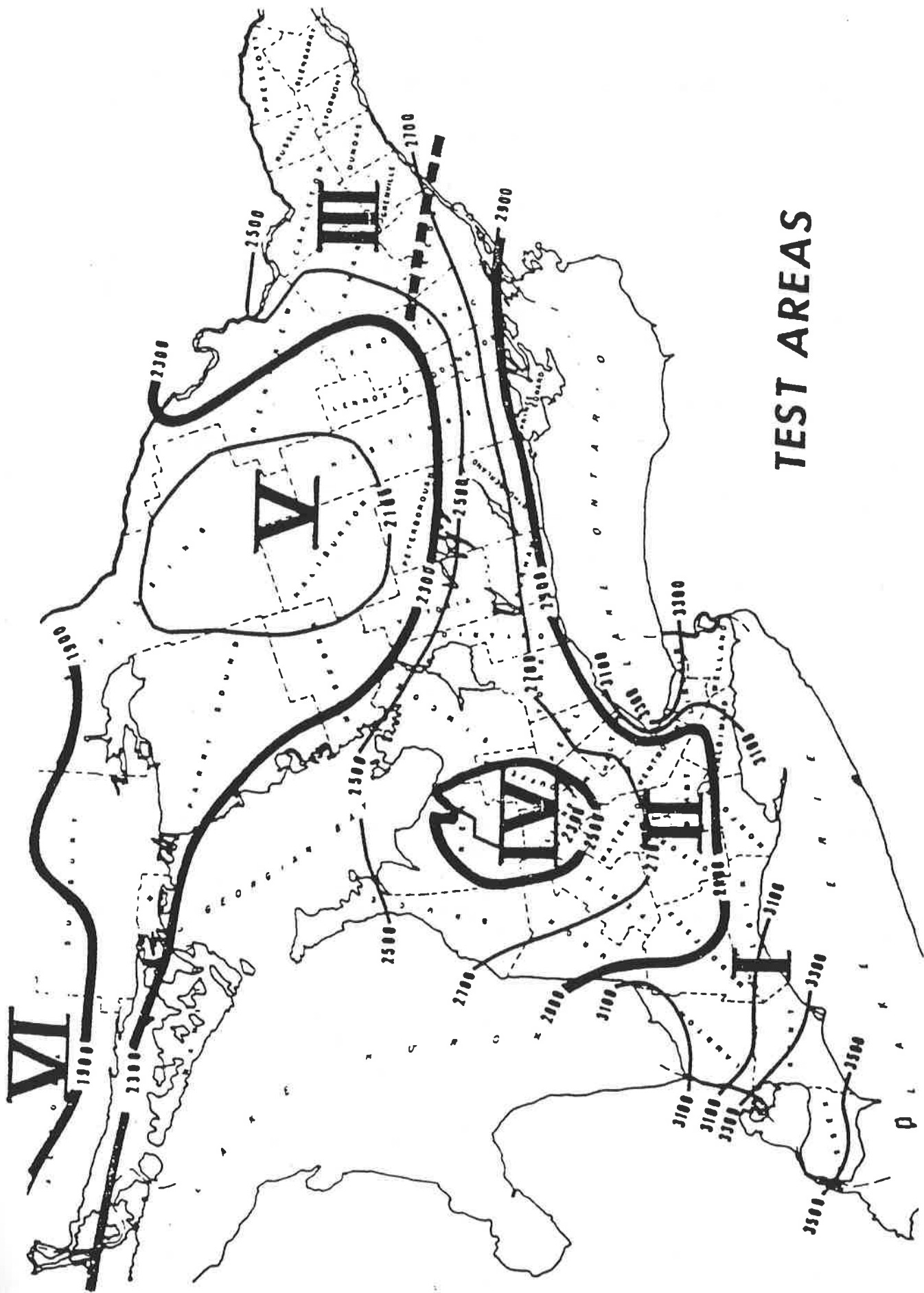
Spring sowing conditions were generally wet and cold for most spring cereals. After a fairly cool spring, the remainder of the growing season had above average temperatures and higher amounts of precipitation than normal. July was quite wet with frequent thunderstorms. August was warm and dry with most crops harvested in excellent conditions. Yields tended to be slightly below average, and the overall quality was generally average. Harvest dates were about a week earlier 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 1995 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 - "1995-96 Field Crop Recommendations for Ontario".



TEST AREAS

DESCRIPTION OF CULTIVARS IN RECOMMENDATION TESTS, 1995

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.
- 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 - a two-rowed, rough awned, barley developed by Agriculture Canada, Ottawa from the cross Rodeo/Gitane. Registered in 1989.
- T103-69 - a rough awned, two-rowed barley developed by W.G. Thompson from a cross of Winthrop/Lester. Registered in 1995.
- CM90522 - a rough awned, two-rowed barley introduced by C & M Seeds. Registered in 1995.
- AC Bufaflo (BT 374) - a six-rowed barley developed by Agriculture Canada, Brandon from a cross of BT364\M44/msg6CC32. Marketed by W.G. Thompson. Registered in 1994.
- 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.
- Beluga (CF 54-36) - a six-rowed barley developed by W.G. Thompson and Coop-Federee from a cross of unknown/BP773-6. Registered in 1995.
- Chapais - a 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 - a six-rowed, smooth awned, barley developed by W.G. Thompson from the cross of Perth/R10-501. Registered in 1988.
- Leger - a 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 - a 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.
- Sandrine (TBC 57-40) - a six-rowed smooth awned barley developed by W.G. Thompson from the cross Mingo/OB 339-1//QB 203-4. Registered in 1994.
- TB 891-6 - a six-rowed barley developed by W.G. Thompson from the cross Vanier/Keystone//421/3/3-51. Registered in 1992.
- C73-17 - a six-rowed barley developed by W.G. Thompson from the cross P885-4/P854-35. Registered in 1995.
- AB 151 - a six-rowed barley developed by Agriculture Canada Charlottetown from a cross of Chapais/Leger. Possible registration in 1996.
- CDC Buck - a hulless, six-rowed, rough awned barley developed by the Crop Development Centre, University of Saskatchewan. Registered in 1990.

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1995

	I (1)**		II (3)		III (2)		IV (2)		V (4)		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	5.83	4	4.16	6	2.79	19	4.46	3	3.81	19	3.72	18	3.98	3557	74.1
Lester	5.31	12	4.09	10	3.28	10	4.14	10	3.83	18	3.76	17	3.96	3537	73.7
Morrison	6.11	1	4.08	11	3.44	7	4.06	13	4.27	10	4.35	2	4.21	3763	78.4
T103-69	5.64	6	4.12	8	3.46	3	4.21	8	3.84	17	4.18	4	4.07	3632	75.7
CM90522	5.40	9	3.89	14	3.11	15	4.01	15	3.38	20	3.88	13	3.75	3347	69.7
AC Buffalo	5.03	18	3.37	18	2.88	18	3.81	18	3.97	15	4.45	1	3.76	3356	69.9
AC Hamilton	5.45	8	4.03	12	3.17	14	4.36	4	4.72	1	3.99	7	4.27	3808	79.3
AC Nadia	5.25	16	3.36	19	3.27	11	4.25	6	3.96	16	3.90	10	3.85	3442	71.7
AC Stephen	5.62	7	4.47	1	3.72	1	4.24	7	4.34	8	4.18	4	4.34	3878	80.8
Beluga	5.29	14	3.91	13	2.67	20	4.12	12	4.50	5	3.94	8	4.04	3608	75.2
Chapais	5.85	3	4.41	2	3.38	8	4.65	2	4.48	6	4.13	6	4.40	3927	81.8
Codac	5.15	17	3.02	20	2.98	17	3.45	20	3.31	21	3.66	20	3.38	3021	62.9
Etienne	5.29	13	4.17	5	3.44	5	3.91	17	4.60	3	3.88	12	4.22	3765	78.4
Leger	5.39	10	3.76	16	3.46	3	3.93	16	4.50	4	4.33	3	4.14	3694	77.0
Myriam	4.88	20	3.56	17	3.67	2	4.14	10	4.01	14	3.89	11	3.93	3510	73.1
OAC Kippen	5.27	15	4.34	3	3.45	5	3.74	19	4.06	13	3.77	16	4.05	3618	75.4
Sandrine	5.69	5	3.84	15	3.32	9	4.06	14	4.69	2	3.94	8	4.20	3752	78.2
TB 891-6	5.97	2	4.13	8	3.22	12	4.16	9	4.34	8	3.71	19	4.17	3721	77.5
C73-17	4.94	19	4.31	4	3.20	13	4.25	5	4.15	12	3.81	15	4.09	3652	76.1
ABI51	5.34	11	4.15	7	3.07	16	4.88	1	4.42	7	3.26	21	4.20	3751	78.2
CDC Buck	4.34	21	2.80	21	2.17	21	3.07	21	4.16	11	3.87	14	3.36	3002	62.5
Mean	5.38	-	3.90	-	3.20	-	4.09	-	4.16	-	3.93	-	4.02	3588	74.7

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

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1995

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Sterling	108	107	87	109	92	95	99
Lester	99	105	103	101	92	96	99
Morrison	114	105	107	99	103	111	105
T103-69	105	106	108	103	92	106	101
CM90522	100	100	97	98	81	99	93
AC Buffalo	93	86	90	93	96	113	94
AC Hamilton	101	103	99	107	113	101	106
AC Nadia	98	86	102	104	95	99	96
AC Stephen	104	115	116	104	104	106	108
Beluga	98	100	83	101	108	100	101
Chapais	109	113	106	114	108	105	109
Codac	96	77	93	84	80	93	84
Etienne	98	107	108	96	111	99	105
Leger	100	96	108	96	108	110	103
Myriam	91	91	115	101	96	99	98
OAC Kippen	98	111	108	91	98	96	101
Sandrine	106	98	104	99	113	100	105
TB 891-6	111	106	100	102	104	94	104
C73-17	92	110	100	104	100	97	102
AB 151	99	106	96	119	106	83	105
CDC Buck	81	72	68	75	100	98	84
Mean yield t/ha	5.38	3.90	3.20	4.09	4.16	3.93	4.02

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1995

	I (1)**		II (3)		III (2)		IV (2)		V (4)		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
Lester	5.31	6	4.09	6	3.28	7	4.14	5	3.83	9	3.76	8	3.96	3537	73.7
Morrison	6.11	1	4.08	7	3.44	4	4.06	6	4.27	6	4.35	1	4.21	3763	78.4
AC Nadia	5.25	9	3.36	9	3.27	8	4.25	2	3.96	8	3.90	5	3.85	3442	71.7
AC Stephen	5.62	4	4.47	1	3.72	1	4.24	3	4.34	4	4.18	3	4.34	3878	80.8
Chapais	5.85	3	4.41	2	3.38	6	4.65	1	4.48	3	4.14	4	4.40	3927	81.8
Codac	5.15	10	3.02	10	2.98	10	3.45	10	3.31	10	3.66	10	3.38	3021	62.9
Etienne	5.29	7	4.17	4	3.44	4	3.91	8	4.60	1	3.88	6	4.22	3765	78.4
Leger	5.39	5	3.76	8	3.46	2	3.93	7	4.50	2	4.33	2	4.14	3694	77.0
OAC Kippen	5.27	8	4.34	3	3.45	3	3.74	9	4.06	7	3.77	7	4.05	3618	75.4
TB 891-6	5.97	2	4.13	5	3.22	9	4.16	4	4.34	4	3.71	9	4.17	3721	77.5
Mean	5.52	-	3.98	-	3.36	-	4.05	-	4.17	-	3.97	-	4.07	3637	75.8

* See attached map

** No. of locations

*** Weighted average

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1995

Cultivar	I	II	III	IV	V	VI	PROVINCE
Lester	96	103	98	102	92	95	97
Morrison	111	103	102	100	102	109	104
AC Nadia	95	84	97	105	95	98	95
AC Stéphen	102	112	111	105	104	105	107
Chapais	106	111	101	115	107	104	108
Codac	93	76	89	85	79	92	83
Etiemme	96	105	103	97	110	98	104
Leger	98	95	103	97	108	109	102
OAC Kippen	96	109	103	92	97	95	100
TB 891-6	108	104	96	103	104	93	102
Mean yield t/ha	5.52	3.98	3.36	4.05	4.17	3.97	4.07

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1994-95

	I (2)**		II (6)		III (5)		IV (4)		V (7)		VI (2)		PROVINCE*** (26)		
	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	4.67	7	3.82	6	3.26	14	4.49	8	3.95	14	3.94	15	3.92	3503	73.0
Lester	4.37	13	3.84	5	3.42	11	4.10	13	4.00	13	4.23	13	3.91	3494	72.8
Morrison	4.99	2	3.79	7	3.53	10	4.24	11	4.20	12	4.53	5	4.07	3633	75.7
AC Hamilton	4.71	5	3.74	8	3.88	5	4.64	3	4.79	1	4.55	4	4.33	3862	80.5
AC Nadia	4.39	12	3.32	13	3.55	9	4.48	9	4.55	6	4.60	2	4.05	3618	75.4
AC Stephen	4.88	4	4.21	1	4.00	3	4.63	4	4.52	8	4.48	6	4.39	3919	81.6
Chapais	5.12	1	4.20	2	3.75	6	4.88	1	4.66	4	4.44	7	4.43	3955	82.4
Codac	4.59	9	3.13	14	3.27	13	4.02	14	3.77	15	4.36	9	3.67	3280	68.3
Etienne	4.69	6	3.89	4	3.69	7	4.56	5	4.57	5	4.31	11	4.23	3778	78.7
Leger	4.63	8	3.41	12	3.97	4	4.38	10	4.76	3	4.73	1	4.22	3772	78.6
Myriam	4.25	14	3.43	11	4.10	1	4.55	6	4.55	6	4.40	8	4.17	3724	77.6
OAC Kippen	4.43	11	4.08	3	3.68	8	4.11	12	4.30	11	4.15	14	4.10	3657	76.2
Sandrine	4.90	3	3.63	10	4.02	2	4.72	2	4.79	1	4.59	3	4.36	3889	81.0
TB 891-6	4.55	10	3.69	9	3.42	11	4.51	7	4.42	9	4.36	9	4.08	3640	75.8
CDC Buck	3.75	15	2.64	15	3.11	15	3.49	15	4.33	10	4.29	12	3.53	3151	65.7
Mean	4.59	-	3.65	-	3.64	-	4.38	-	4.41	-	4.40	-	4.10	3658	76.2

* See attached map

** No. of locations

** Weighted average

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1994-95

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Sterling	102	105	90	103	90	90	96
Lester	95	105	94	93	91	96	95
Morrison	109	104	97	97	95	103	99
AC Hamilton	103	103	106	106	109	103	105
AC Nadia	96	91	97	102	103	104	99
AC Stephen	106	115	110	106	103	102	107
Chapais	112	115	103	111	106	101	108
Codiac	100	86	90	92	86	99	90
Etienne	102	106	101	104	104	98	103
Leger	101	93	109	100	108	107	103
Myriam	93	94	113	104	103	100	102
OAC Kippen	96	112	101	94	97	94	100
Sandrine	107	100	110	108	109	104	106
TB 891-6	99	101	94	103	100	99	99
CDC Buck	82	72	86	80	98	97	86
Mean yield t/ha	4.59	3.65	3.64	4.38	4.41	4.40	4.10

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1993-95

Cultivar	I (4)**		II (9)		III (6)		IV (6)		V (10)		VI (3)		PROVINCE*** (38)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a	bu/a
AC Sterling	3.92	5	3.93	8	3.40	13	4.68	8	4.32	14	4.25	14	4.09	3652	76.1
Lester	3.91	6	4.03	6	3.42	12	4.40	12	4.43	12	4.52	8	4.12	3680	76.7
Morrison	3.97	4	3.83	10	3.52	10	4.47	11	4.57	10	4.81	3	4.17	3723	77.6
AC Hamilton	3.87	7	4.06	5	3.98	5	4.91	2	4.84	6	4.79	4	4.43	3952	82.3
AC Nadia	3.57	13	3.60	13	3.68	9	4.89	3	4.90	5	4.93	2	4.26	3803	79.2
AC Stephen	4.01	3	4.46	1	4.04	2	4.88	4	4.65	8	4.73	6	4.48	4003	83.4
Chapais	4.10	2	4.37	2	3.84	6	5.21	1	4.95	4	4.49	9	4.55	4064	84.7
Codac	3.83	8	3.40	14	3.35	14	4.28	14	4.36	13	4.38	12	3.91	3488	72.7
Etienne	3.72	10	4.14	4	3.77	7	4.88	4	4.72	7	4.43	11	4.33	3866	80.5
Leger	3.64	12	3.70	12	3.99	4	4.57	10	4.97	3	4.97	1	4.31	3850	80.2
Myriam	3.49	14	3.80	11	4.16	1	4.83	6	5.10	1	4.74	5	4.40	3932	81.9
OAC Kippen	3.70	11	4.16	3	3.72	8	4.33	13	4.64	9	4.32	13	4.21	3755	78.2
Sandrine	4.11	1	3.87	9	4.04	2	4.77	7	5.02	2	4.68	7	4.43	3954	82.4
TB 891-6	3.78	9	3.95	7	3.49	11	4.64	9	4.51	11	4.44	10	4.15	3708	77.2
Mean	3.83	-	3.95	-	3.74	-	4.70	-	4.71	-	4.61	-	4.27	3816	79.5

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

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1993-95

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Sterling	102	99	91	100	92	92	96
Lester	102	102	92	94	94	98	97
Morrison	104	97	94	95	97	104	98
AC Hamilton	101	103	106	104	103	104	104
AC Nadia	93	91	98	104	104	107	100
AC Stephen	105	113	108	104	99	103	105
Chapais	107	111	103	111	105	97	107
Codac	100	86	90	91	93	95	91
Etienne	97	105	101	104	100	96	101
Leger	95	94	107	97	106	108	101
Myriam	91	96	111	103	108	103	103
OAC Kippen	97	105	99	92	98	94	99
Sandrine	107	98	108	102	106	101	104
TB 891-6	99	100	93	99	96	96	97
Mean yield t/ha	3.83	3.95	3.74	4.70	4.71	4.61	4.27

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1992-95

	I (6)**		II (12)		III (12)		IV (8)		V (14)		VI (4)		PROVINCE*** (56)		
	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	3.81	4	4.08	7	4.40	11	4.84	5	4.80	11	4.31	11	4.42	3950	82.3
Lester	3.77	6	4.19	5	4.51	6	4.56	9	4.91	10	4.58	8	4.47	3995	83.2
Morrison	3.96	3	3.97	8	4.54	5	4.62	8	4.92	9	4.74	5	4.48	3996	83.2
AC Nadia	3.67	10	3.73	10	4.61	3	4.99	4	5.32	2	4.96	2	4.58	4085	85.1
AC Stephen	4.19	1	4.61	1	4.72	2	5.25	2	5.02	7	4.87	3	4.80	4286	89.3
Chapais	4.11	2	4.52	2	4.86	1	5.36	1	5.48	1	4.87	3	4.93	4404	91.8
Codac	3.68	8	3.60	11	4.50	7	4.33	11	4.99	8	4.68	6	4.33	3867	80.6
Etienne	3.78	5	4.17	6	4.48	8	5.04	3	5.09	4	4.60	7	4.58	4089	85.2
Leger	3.68	8	3.77	9	4.60	4	4.64	7	5.29	3	5.03	1	4.53	4047	84.3
OAC Kippen	3.67	10	4.27	3	4.47	9	4.52	10	5.09	4	4.36	10	4.50	4015	83.7
TB 891-6	3.75	7	4.20	4	4.42	10	4.76	6	5.05	6	4.52	9	4.51	4030	84.0
Mean	3.82	-	4.10	-	4.56	-	4.81	-	5.09	-	4.68	-	4.56	4069	84.8

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

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1992-95

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Sterling	100	99	97	101	94	92	97
Lester	99	102	99	95	97	98	98
Morrison	104	97	100	96	97	101	98
AC Nadia	96	91	101	104	105	106	100
AC Stephen	110	112	104	109	99	104	105
Chapais	107	110	107	111	108	104	108
Codac	96	88	99	90	98	100	95
Etienne	99	102	98	105	100	98	100
Leger	96	92	101	96	104	108	99
OAC Kippen	96	104	98	94	100	93	99
TB 891-6	98	102	97	99	99	97	99
Mean yield t/ha	3.82	4.10	4.56	4.81	5.09	4.68	4.56

BARLEY
MEAN YIELDS IN DIFFERENT AREAS*, 1991-95

	I (6)**		II (14)		III (16)		IV (9)		V (18)		VI (5)		PROVINCE*** (68)		
	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a	bu/ac
Lester	3.77	5	4.16	5	4.43	9	4.51	6	4.86	10	4.74	7	4.47	3987	83.1
Morrison	3.96	3	3.92	7	4.46	7	4.50	7	4.89	9	4.88	4	4.45	3977	82.9
AC Nadia	3.67	9	3.71	9	4.55	5	4.78	4	5.28	2	4.96	3	4.55	4063	84.6
AC Stephen	4.19	1	4.57	1	4.64	2	5.11	2	4.94	8	4.86	5	4.74	4235	88.2
Chapais	4.11	2	4.52	2	4.76	1	5.25	1	5.32	1	4.98	2	4.88	4360	90.8
Codac	3.68	7	3.64	10	4.58	3	4.26	10	5.03	7	4.83	6	4.40	3929	81.8
Etienne	3.78	4	4.16	5	4.44	8	4.86	3	5.08	5	4.71	8	4.57	4079	85.0
Leger	3.68	7	3.77	8	4.56	4	4.50	7	5.24	3	5.18	1	4.54	4051	84.4
OAC Kippen	3.67	9	4.22	3	4.43	9	4.42	9	5.10	4	4.55	10	4.50	4022	83.8
TB 891-6	3.75	6	4.18	4	4.48	6	4.71	5	5.07	6	4.56	9	4.55	4059	84.6
Mean	3.82	-	4.09	-	4.53	-	4.69	-	5.08	-	4.82	-	4.57	4076	84.9

* See attached map

** No. of locations

*** Weighted average

**** 1992-95 data only

BARLEY
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1991-95

Cultivar	I*	II	III	IV	V	VI	PROVINCE
Lester	99	102	98	96	96	98	98
Morrison	104	96	98	96	96	101	97
AC Nadia	96	91	100	102	104	103	100
AC Stephen	110	112	102	109	97	101	104
Chapais	107	111	105	112	105	103	107
Codac	96	89	101	91	99	100	96
Etienne	99	102	98	104	100	98	100
Leger	96	92	101	96	103	107	99
OAC Kippen	96	103	98	94	100	94	99
TB 891-6	98	102	99	100	100	95	99
Mean yield t/ha	3.82	4.09	4.53	4.69	5.08	4.82	4.57

* 1992-95 data only

**TESTING AREA I
BARLEY
AGRONOMIC DATA, 1995**

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)	Leaf Rust 0-9 (1)
AC Sterling	5.83	69.0	46.5	90	5.2	105	4.0
Lester	5.31	68.5	46.0	80	5.8	105	3.0
Morrison	6.11	69.3	46.8	84	5.8	105	3.5
T103-69	5.64	68.9	43.8	82	4.8	104	2.5
CM90522	5.40	68.5	46.1	88	4.8	107	1.5
AC Buffalo	5.03	61.9	36.5	103	4.8	106	4.0
AC Hamilton	5.45	60.6	38.3	108	4.0	106	6.0
AC Nadia	5.25	63.6	36.0	102	4.8	106	5.5
AC Stephen	5.62	65.2	39.1	102	5.0	105	4.0
Beluga	5.29	63.0	36.2	104	5.5	105	6.5
Chapais	5.85	62.3	45.2	86	3.5	106	2.5
Codac	5.15	61.8	38.5	90	5.8	105	3.0
Etienne	5.29	62.5	38.8	91	4.8	107	6.0
Leger	5.39	61.3	36.3	113	4.5	105	4.5
Myriam	4.88	62.1	37.3	100	5.2	105	6.0
OAC Kippen	5.27	65.3	34.7	103	6.0	106	3.5
Sandrine	5.69	63.3	38.3	106	5.5	106	6.0
TB891-6	5.97	65.6	35.8	96	6.5	106	3.5
C73-17	4.94	64.7	42.1	101	3.8	108	2.0
AB151	5.34	60.9	40.4	96	3.0	106	7.0
CDC Buck	4.34	70.4	31.7	101	6.5	105	6.0

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA I
BARLEY
AGRONOMIC DATA, 1993-95**

Cultivar	Yield t/ha (4)*	hl/wt kg (4)	Kernel weight g/1000 (3)	Height cm** (3)	Lodging 0-9 (4)	Maturity ^a days** (2)	Leaf Rust 0-9** (2)
AC Sterling	3.92	64.1	40.4	79	3.5	98	3.0
Lester	3.91	63.2	40.6	71	3.1	98	2.5
Morrison	3.97	64.6	38.2	74	3.8	98	3.3
AC Hamilton	3.87	59.6	36.0	89	2.7	100	5.8
AC Nadia	3.57	59.4	31.3	87	3.0	100	4.8
AC Stephen	4.01	62.2	34.1	88	3.6	98	3.8
Chapais	4.10	59.0	40.4	75	3.3	99	4.0
Codac	3.83	58.2	34.0	79	4.0	99	4.0
Etienne	3.72	58.0	33.0	81	3.7	100	6.0
Leger	3.64	59.0	31.9	90	3.1	99	4.8
Myriam	3.49	61.2	35.7	85	3.5	99	5.8
OAC Kippen	3.70	64.4	33.4	88	4.0	99	3.5
Sandrine	4.11	60.5	33.9	91	3.5	99	5.3
TB891-6	3.78	60.2	33.3	82	3.8	99	3.3

^a no. of days from seeding to maturity

* no. of locations

** 1993, 1995 data only

**TESTING AREA I
BARLEY
AGRONOMIC DATA, 1992-95**

Cultivar	Yield t/ha (6)*	hl/wt kg (6)	Kernel weight g/1000 (5)	Height cm** (5)	Lodging 0-9 (6)	Maturity ^a days*** (2)
AC Sterling	3.81	63.8	39.7	83	4.0	98
Lester	3.77	63.1	39.3	70	3.7	98
Morrison	3.96	64.5	38.0	74	3.7	98
AC Nadia	3.67	58.9	31.5	90	3.0	100
AC Stephen	4.19	62.0	34.5	92	3.6	98
Chapais	4.11	58.9	39.6	83	3.3	99
Codac	3.68	56.8	32.7	82	4.4	99
Etienne	3.78	59.1	32.8	83	3.6	100
Leger	3.68	58.0	32.1	94	3.4	99
OAC Kippen	3.67	63.2	33.0	91	4.0	99
TB891-6	3.75	60.2	31.1	85	3.8	99

^a no. of days from seeding to maturity

* no. of locations

** 1992-93, 1995 data only

*** 1993, 1995 data only

AGRONOMIC DATA, 1991-95

Cultivar	Yield t/ha** (6)*	hl/wt kg (7)	Kernel weight g/1000** (5)	Height cm*** (6)	Lodging 0-9 (7)	Maturity ^a days**** (3)
Lester	3.77	62.9	39.3	72	3.3	94
Morrison	3.96	63.3	38.0	75	3.3	94
AC Nadia	3.67	59.2	31.5	90	2.7	96
AC Stephen	4.19	61.0	34.5	91	3.5	94
Chapais	4.11	59.1	39.6	81	3.0	95
Codac	3.68	57.4	32.7	81	3.9	94
Etienne	3.78	60.0	32.8	83	3.3	95
Leger	3.68	58.9	32.1	94	3.3	95
OAC Kippen	3.67	62.2	33.0	91	3.6	95
TB891-6	3.75	59.7	31.1	84	3.5	95

^a no. of days from seeding to maturity

* no. of locations

** 1992-95 data only

*** 1991-93, 1995 data only

**** 1991, 1993, 1995 data only

**TESTING AREA I
BARLEY
Yield in kg per ha, 1995**

Cultivar	Kent I	Average			Rank
		t/ha	lbs/a	bu/a	
AC Sterling	5830	5.83	5205	108.4	4
Lester	5305	5.31	4737	98.7	12
Morrison	6113	6.11	5458	113.7	1
T103-69	5640	5.64	5036	104.9	6
CM90522	5396	5.40	4818	100.4	9
AC Buffalo	5027	5.03	4488	93.5	18
AC Hamilton	5447	5.45	4863	101.3	8
AC Nadia	5253	5.25	4690	97.7	16
AC Stephen	5615	5.62	5013	104.4	7
Beluga	5287	5.29	4721	98.3	14
Chapais	5854	5.85	5227	108.9	3
Codac	5150	5.15	4598	95.8	17
Etienne	5290	5.29	4723	98.4	13
Leger	5392	5.39	4814	100.3	10
Myriam	4877	4.88	4354	90.7	20
OAC Kippen	5272	5.27	4707	98.1	15
Sandrine	5686	5.69	5077	105.8	5
TB891-6	5973	5.97	5333	111.1	2
C73-17	4944	4.94	4414	92.0	19
AB151	5335	5.34	4763	99.2	11
CDC Buck	4337	4.34	3872	807	21
Mean	5382	5.38	4805	100.1	-
C.V. %	5.2	5.2	-	-	-
LSD (0.05)	398	0.40	-	-	-

**TESTING AREA II
BARLEY
AGRONOMIC DATA, 1995**

Cultivar	Yield t/ha (3)*	hl/wt kg (3)	Kernel weight g/1000 (3)	Height cm (3)	Lodging 0-9 (3)	Maturity ^a days (2)	Mildew 0-9 (2)	Leaf Rust 0-9 (2)
AC Sterling	4.16	62.2	42.9	79	2.6	84	0.0	2.6
Lester	4.09	63.0	44.8	70	2.5	81	1.0	2.9
Morrison	4.08	63.7	44.4	75	2.9	83	0.0	3.1
T103-69	4.12	63.6	43.8	73	2.8	82	3.0	2.5
CM90522	3.89	64.2	46.4	79	2.9	84	0.0	1.9
AC Buffalo	3.37	52.5	35.6	82	3.4	83	4.8	3.3
AC Hamilton	4.03	57.6	40.7	78	2.8	83	3.8	5.5
AC Nadia	3.36	56.7	35.3	78	2.9	84	3.5	5.0
AC Stephen	4.47	60.9	37.8	80	2.4	82	3.5	2.6
Beluga	3.91	59.1	39.2	86	2.9	84	0.5	3.7
Chapais	4.41	59.4	45.8	72	2.3	81	3.5	3.4
Codac	3.02	54.0	36.5	75	4.2	82	4.0	4.3
Etienne	4.17	59.4	40.5	81	3.7	83	4.8	5.7
Leger	3.76	58.4	36.7	85	3.6	83	3.3	4.3
Myriam	3.56	58.5	39.4	76	2.4	83	0.0	5.5
OAC Kippen	4.34	62.0	38.9	86	3.5	83	2.8	3.2
Sandrine	3.84	58.5	39.5	87	4.8	83	2.8	4.2
TB891-6	4.13	59.7	35.6	76	2.8	84	0.0	2.2
C73-17	4.31	60.0	41.2	78	2.6	86	0.0	2.3
AB151	4.15	56.5	40.3	75	2.1	83	3.3	5.7
CDC Buck	2.80	67.3	33.3	82	3.6	81	5.0	6.5

* no. of days from seeding to maturity

* no. of locations

**TESTING AREA II
BARLEY
AGRONOMIC DATA, 1993-95**

Cultivar	Yield t/ha (9)*	hl/wt kg (9)	Kernel weight g/1000 (9)	Height cm (9)	Lodging 0-9 (6)	Maturity ^a days (6)	Mildew 0-9 (4)	Leaf Rust 0-9 (4)
AC Sterling	3.93	62.7	41.7	84	2.5	85	0.0	2.1
Lester	4.03	63.7	44.1	75	1.7	83	0.3	2.2
Morrison	3.83	63.7	40.9	79	1.9	84	0.0	2.1
AC Hamilton	4.06	57.4	39.9	86	2.0	85	1.7	4.0
AC Nadia	3.60	57.5	34.4	86	2.2	85	3.0	3.4
AC Stephen	4.46	60.2	37.1	86	2.1	84	1.8	2.8
Chapais	4.37	59.7	44.7	74	2.1	83	0.9	3.4
Codac	3.40	55.2	36.0	79	3.4	84	2.5	3.1
Etienne	4.14	59.3	37.7	84	2.3	84	3.1	3.7
Leger	3.70	57.6	35.3	91	3.3	84	1.6	3.5
Myriam	3.80	59.4	39.4	81	1.6	84	1.0	4.0
OAC Kippen	4.16	62.1	37.9	89	3.3	84	1.2	2.5
Sandrine	3.87	59.1	36.5	91	3.4	85	3.2	3.1
TB891-6	3.95	58.8	34.2	81	1.8	85	0.0	2.0

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA II
BARLEY
AGRONOMIC DATA, 1992-95**

Cultivar	Yield t/ha (12)*	hl/wt kg (12)	Kernel weight g/1000 (12)	Height cm (12)	Lodging 0-9 (8)	Maturity ^a days (8)	Mildew 0-9 (6)	Leaf Rust 0-9 (6)
AC Sterling	4.08	63.3	41.5	87	2.0	87	0.0	2.2
Lester	4.19	63.9	43.4	76	1.3	85	0.3	2.1
Morrison	3.97	64.0	40.8	80	1.6	86	0.3	2.2
AC Nadia	3.73	57.8	33.7	88	1.7	86	3.0	3.9
AC Stephen	4.61	60.7	37.2	88	1.7	86	1.4	3.3
Chapais	4.52	59.7	43.7	75	1.7	84	0.8	3.2
Codac	3.60	55.8	35.9	82	3.1	86	2.6	3.5
Etienne	4.17	59.9	37.4	84	1.8	86	3.4	4.7
Leger	3.77	58.2	35.2	92	2.5	85	2.2	4.0
OAC Kippen	4.27	62.5	44.3	90	2.9	86	1.4	2.8
TB891-6	4.20	59.6	34.3	83	1.4	86	0.0	2.4

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1991-95

Cultivar	Yield t/ha (14)*	hl/wt kg (14)	Kernel weight g/1000 (14)	Height cm (15)	Lodging 0-9 (9)	Maturity ^a days (10)	Leaf Rust 0-9 (8)
Lester	4.16	63.7	43.0	76	1.9	86	2.2
Morrison	3.92	64.0	41.1	77	1.5	86	2.1
AC Nadia	3.71	57.8	33.9	84	1.7	86	3.8
AC Stephen	4.57	60.9	37.5	85	1.6	86	3.1
Chapais	4.52	59.8	43.6	73	1.8	85	2.8
Codac	3.64	55.6	35.7	80	3.1	86	3.7
Etienne	4.16	59.6	36.9	82	1.8	86	4.5
Leger	3.77	58.3	35.3	89	2.5	86	3.9
OAC Kippen	4.22	62.8	38.0	88	2.8	86	2.6
TB891-6	4.18	59.7	34.4	81	1.3	86	2.1

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA II
BARLEY
Yield in kg per ha, 1995**

Cultivar	Oxford	Huron I	Middlesex I	Lennox Addington*	Average			Rank
					t/ha	lb/a	bu/a	
AC Sterling	4729	4395	3354	1769	4.16	3714	77.4	6
Lester	4771	4057	3427	2512	4.09	3647	76.0	10
Morrison	4589	4214	3438	2483	4.08	3643	75.9	11
T103-69	5106	3852	3412	2472	4.12	3682	76.7	8
CM90522	4577	3876	3224	1333	3.89	3475	72.4	14
AC Buffalo	4195	3140	2775	988	3.37	3009	62.7	18
AC Hamilton	5317	3345	3441	1338	4.03	3602	75.0	12
AC Nadia	4554	2560	2967	1189	3.36	3000	62.5	19
AC Stephen	5553	4202	3648	2322	4.47	3989	83.1	1
Beluga	4813	3653	3271	912	3.91	3493	72.8	13
Chapais	5163	3949	4108	1987	4.41	3935	82.0	2
Codac	3761	2584	2702	1927	3.02	2693	56.1	20
Etienne	5673	3574	3267	2836	4.17	3724	77.6	5
Leger	5159	3043	3086	1178	3.76	3360	70.0	16
Myriam	4660	3055	2970	2503	3.56	3180	66.3	17
OAC Kippen	5478	3840	3709	1089	4.34	3877	80.8	3
Sandrine	5078	3309	3130	1510	3.84	3428	71.4	15
TB891-6	4609	4093	3673	2446	4.13	3683	76.7	8
C73-17	5535	3900	3481	1557	4.31	3844	80.1	4
AB151	5349	3574	3521	1864	4.15	3704	77.2	7
CDC Buck	3434	2620	2340	429	2.80	2498	52.0	21
Mean	4862	3564	3283	1745	3.90	3485	-	-
C.V. %	7.1	11.8	9.7	18.8	9.5	-	-	-
LSD (0.05)	408	597	472	387	0.49	-	-	-

* data not included in mean

**TESTING AREA III
BARLEY
AGRONOMIC DATA, 1995**

Cultivar	Yield t/ha (2)*	hl/wt kg (2)	Kernel weight g/1000 (2)	Height cm (2)	Lodging 0-9 (1)	Maturity ^a days (1)
AC Sterling	2.79	59.0	40.8	71	1.0	92
Lester	3.28	58.3	40.2	67	1.0	90
Morrison	3.44	61.0	42.4	69	1.0	90
T103-69	3.46	60.0	40.1	67	0.0	93
CM90522	3.11	60.0	42.5	67	1.0	92
AC Buffalo	2.88	51.5	36.2	73	2.0	92
AC Hamilton	3.17	54.5	38.2	81	2.0	90
AC Nadia	3.27	53.5	32.1	79	1.0	92
AC Stephen	3.72	54.5	36.7	69	1.0	91
Beluga	2.67	56.8	37.1	78	1.0	91
Chapais	3.38	53.0	42.6	63	3.0	91
Codac	2.98	50.0	33.7	66	3.0	90
Etienne	3.44	53.0	34.5	78	3.0	89
Leger	3.46	53.5	35.7	75	1.0	92
Myriam	3.67	56.5	41.8	76	1.0	94
OAC Kippen	3.45	57.0	37.0	78	2.0	91
Sandrine	3.32	57.0	38.4	82	2.0	90
TB891-6	3.22	54.5	32.7	72	1.0	92
C73-17	3.20	57.3	37.4	78	1.0	93
AB151	3.07	53.0	38.9	72	2.0	92
CDC Buck	2.17	61.5	35.8	76	1.0	92

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA III
BARLEY
AGRONOMIC DATA, 1993-95**

Cultivar	Yield t/ha (6)*	hl/wt kg (4)	Kernel weight g/1000 (4)	Height cm (6)	Lodging 0-9 (4)	Maturity ^a days (3)
AC Sterling	3.40	61.8	42.0	80	1.1	87
Lester	3.42	61.4	42.3	73	2.3	86
Morrison	3.52	63.3	42.7	77	1.6	87
AC Hamilton	3.98	58.4	39.1	86	1.9	87
AC Nadia	3.68	58.6	35.7	86	1.3	87
AC Stephen	4.04	59.0	36.9	79	1.2	86
Chapais	3.84	56.9	41.9	71	1.8	87
Codac	3.35	55.1	35.4	75	2.3	87
Etienne	3.77	57.8	36.4	83	1.9	86
Leger	3.99	58.7	36.2	87	1.5	87
Myriam	4.16	60.1	41.3	81	0.8	88
OAC Kippen	3.72	61.1	37.7	86	1.6	86
Sandrine	4.04	60.4	37.8	88	1.3	86
TB891-6	3.49	57.8	35.0	78	1.4	87

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA III
BARLEY
AGRONOMIC DATA, 1992-95**

Cultivar	Yield t/ha (12)*	hl/wt kg (10)	Kernel weight g/1000 (9)	Height cm (12)	Lodging 0-9 (8)	Maturity ^a days (6)
AC Sterling	4.40	65.6	44.6	86	2.1	96
Lester	4.51	65.5	47.7	78	2.5	95
Morrison	4.54	66.5	46.0	80	2.1	96
AC Nadia	4.61	62.0	40.1	94	1.1	96
AC Stephen	4.72	61.6	39.9	90	1.7	95
Chapais	4.86	60.4	46.4	76	1.7	95
Codac	4.50	59.3	39.2	84	2.7	95
Etienne	4.48	61.5	39.3	89	2.0	95
Leger	4.60	62.2	39.9	95	1.7	95
OAC Kippen	4.47	63.7	40.8	93	2.3	95
TB891-6	4.42	62.3	38.3	87	1.6	95

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1991-95

Cultivar	Yield t/ha (16)*	hl/wt kg (16)	Kernel weight g/1000 (14)	Height cm (17)	Lodging 0-9 (9)	Maturity ^a days (9)
Lester	4.43	65.8	47.7	74	2.4	89
Morrison	4.46	66.7	46.3	75	1.9	90
AC Nadia	4.55	61.6	39.5	89	1.2	91
AC Stephen	4.64	61.5	39.5	85	1.6	90
Chapais	4.76	60.2	45.8	73	1.6	90
Codac	4.58	58.5	38.8	78	2.6	90
Etienne	4.44	61.5	39.0	84	1.9	90
Leger	4.56	61.5	39.1	89	1.6	90
OAC Kippen	4.43	63.5	40.3	88	2.4	90
TB 891-6	4.48	62.1	37.8	82	1.5	90

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA III
BARLEY
Yield in kg per ha, 1995**

Cultivar	Carleton I	Prescott & Russell	Average			Rank
			t/ha	lb/a	bu/a	
AC Sterling	3289	2296	2.79	2493	51.9	19
Lester	3632	2936	3.28	2932	61.1	10
Morrison	4126	2747	3.44	3068	63.9	7
T103-69	3854	3066	3.46	3089	64.4	3
CM90522	3489	2739	3.11	2780	57.9	15
AC Buffalo	3687	2082	2.88	2575	53.7	18
AC Hamilton	3782	2549	3.17	2826	58.9	14
AC Nadia	3900	2639	3.27	2919	60.8	11
AC Stephen	3993	3442	3.72	3319	69.1	1
Beluga	3280	2059	2.67	2383	49.7	20
Chapais	4024	2735	3.38	3017	62.9	8
Codac	3504	2458	2.98	2662	55.5	17
Etienne	4163	2725	3.44	3075	64.1	5
Leger	4022	2904	3.46	3092	64.4	3
Myriam	4176	3164	3.67	3277	68.3	2
OAC Kippen	4113	2781	3.45	3078	64.1	5
Sandrine	3693	2950	3.32	2966	61.8	9
TB891-6	3615	2816	3.22	2871	59.8	12
C73-17	3604	2800	3.20	2859	59.6	13
AB151	3419	2725	3.07	2743	57.1	16
CDC Buck	2947	1400	2.17	1941	40.4	21
Mean	3729	2653	3.19	2849	59.4	-
C.V. %	10.2	8.7	9.5	-	-	-
LSD (0.05)	450	271	0.36	-	-	-

**TESTING AREA IV
BARLEY
AGRONOMIC DATA, 1995**

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)	Leaf Rust 0-9 (1)
AC Sterling	4.46	61.1	43.1	83	1.5	87	0.0	3.0
Lester	4.14	59.9	39.6	74	1.0	85	3.0	1.0
Morrison	4.06	60.1	38.4	78	4.2	86	0.0	3.0
T103-69	4.21	61.2	40.0	76	0.8	86	5.0	2.0
CM90522	4.01	60.5	42.5	80	3.3	88	0.0	1.0
AC Buffalo	3.81	52.1	33.9	85	2.7	88	8.0	5.5
AC Hamilton	4.36	52.7	38.0	92	1.8	86	6.0	6.0
AC Nadia	4.25	51.3	32.0	88	0.2	86	7.0	3.5
AC Stephen	4.24	54.3	35.3	84	1.3	84	6.0	3.0
Beluga	4.12	53.2	34.2	90	0.0	84	3.0	5.0
Chapais	4.65	53.8	41.4	78	2.9	83	3.0	3.5
Codac	3.45	46.5	30.0	76	5.9	85	5.0	3.5
Etienne	3.91	53.3	31.6	86	2.3	86	7.0	5.0
Leger	3.93	49.9	29.1	91	3.5	86	5.0	5.0
Myriam	4.14	52.1	34.9	92	0.5	87	3.0	5.5
OAC Kippen	3.74	54.6	33.8	92	4.5	85	6.0	2.0
Sandrine	4.05	52.5	34.2	92	6.2	86	6.0	5.5
TB891-6	4.16	57.3	32.0	83	2.2	86	1.0	3.5
C73-17	4.25	55.9	36.6	94	2.9	89	1.0	3.5
AB151	4.88	51.7	36.2	85	0.9	87	5.5	3.5
CDC Buck	3.07	59.0	29.2	86	2.8	85	6.0	5.5

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA IV
BARLEY
AGRONOMIC DATA, 1993-95**

Cultivar	Yield t/ha (6)*	hl/wt kg (6)	Kernel weight g/1000 (6)	Height cm (6)	Lodging 0-9 (6)	Maturity ^a days (3)	Mildew 0-9 (3)	Scald 0-9** (2)
AC Sterling	4.68	62.7	45.6	81	1.2	89	0.0	3.1
Lester	4.40	62.1	42.3	74	1.4	86	1.0	3.5
Morrison	4.47	63.0	42.2	78	2.2	88	0.0	2.8
AC Hamilton	4.91	58.5	39.9	94	1.3	88	3.7	2.2
AC Nadia	4.89	56.5	35.3	92	1.1	88	3.7	1.2
AC Stephen	4.88	58.4	37.4	92	2.3	86	3.3	2.1
Chapais	5.21	57.5	43.1	82	1.5	86	3.0	1.7
Codac	4.28	52.0	34.2	81	3.4	87	3.3	1.5
Etienne	4.88	57.5	37.0	89	1.2	88	4.6	1.9
Leger	4.57	56.4	34.5	96	2.5	87	2.3	2.4
Myriam	4.83	58.2	38.4	90	1.2	88	2.3	1.4
OAC Kippen	4.33	59.4	37.2	92	3.4	86	2.2	1.4
Sandrine	4.77	57.5	36.4	96	3.5	87	2.8	3.5
TB891-6	4.64	58.2	34.1	86	1.4	88	0.3	2.1

^a no. of days from seeding to maturity

* no. of locations

** 1993-94 data only

**TESTING AREA IV
BARLEY
AGRONOMIC DATA, 1992-95**

Cultivar	Yield t/ha (8)*	hl/wt kg (8)	Kernel weight g/1000 (8)	Height cm (8)	Lodging 0-9 (7)	Maturity ^a days (4)	Mildew 0-9 (4)	Scald 0-9** (4)
AC Sterling	4.84	62.3	44.6	85	1.1	92	0.0	2.8
Lester	4.56	61.5	42.3	75	1.3	90	0.9	3.9
Morrison	4.62	62.2	42.1	79	2.4	91	0.0	2.6
AC Nadia	4.99	56.4	34.9	95	1.1	91	4.5	1.0
AC Stephen	5.25	58.5	38.3	95	2.0	90	3.3	1.6
Chapais	5.36	57.0	43.0	82	1.3	89	2.6	2.3
Codac	4.33	51.9	33.9	83	3.4	90	3.6	1.5
Etienne	5.04	57.0	36.3	91	1.0	91	4.7	1.8
Leger	4.64	56.2	34.4	98	2.2	90	3.1	1.8
OAC Kippen	4.52	59.1	36.7	93	3.5	90	2.3	1.0
TB891-6	4.76	57.9	33.9	89	1.9	91	0.3	1.9

^a no. of days from seeding to maturity

* no. of locations

** 1992-94 data only

AGRONOMIC DATA, 1991-95

Cultivar	Yield t/ha (9)*	hl/wt kg (9)	Kernel weight g/1000 (9)	Height cm (9)	Lodging 0-9 (8)	Maturity ^a days (5)
Lester	4.51	60.9	42.4	73	1.2	88
Morrison	4.50	62.3	42.1	77	2.4	89
AC Nadia	4.78	56.1	34.4	92	1.0	89
AC Stephen	5.11	58.9	38.2	92	2.0	88
Chapais	5.25	57.3	42.9	80	1.1	88
Codac	4.26	51.9	33.9	81	3.2	88
Etienne	4.86	56.6	35.9	88	0.9	89
Leger	4.50	56.3	34.3	96	2.2	89
OAC Kippen	4.42	59.0	36.5	91	3.6	88
TB891-6	4.71	58.3	33.9	86	1.7	89

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA IV
BARLEY
Yield in kg per ha, 1995**

Cultivar	Wellington I	Wellington	Average			Rank
			t/ha	lbs/a	bu/a	
AC Sterling	3262	5662	4.46	3984	83.0	3
Lester	3144	5140	4.14	3698	77.0	10
Morrison	2830	5299	4.06	3629	75.6	13
T103-69	3094	5327	4.21	3759	78.3	8
CM90522	3228	4800	4.01	3584	74.7	15
AC Buffalo	2293	5328	3.81	3402	70.9	18
AC Hamilton	2978	5740	4.36	3892	81.1	4
AC Nadia	2826	5670	4.25	3793	79.0	6
AC Stephen	2908	5572	4.24	3786	78.9	7
Beluga	2966	5283	4.12	3683	76.7	12
Chapais	3136	6171	4.65	4155	86.6	2
Codac	2225	4677	3.45	3081	64.2	20
Etienne	2036	5786	3.91	3492	72.7	17
Leger	2423	5439	3.93	3510	73.1	16
Myriam	2824	5458	4.14	3697	77.0	10
OAC Kippen	2610	4866	3.74	3338	69.5	19
Sandrine	2483	5610	4.05	3613	75.3	14
TB891-6	2852	5476	4.16	3718	77.5	9
C73-17	3200	5302	4.25	3796	79.1	5
AB151	3183	6580	4.88	4358	90.8	1
CDC Buck	1758	4377	3.07	2739	57.1	21
Mean	2774	5408	4.09	3653	76.1	-
C.V. %	11.1	6.1	8.6	-	-	-
LSD (0.05)	363	541	0.45	-	-	-

**TESTING AREA V
BARLEY
AGRONOMIC DATA, 1995**

Cultivar	Yield t/ha (4)*	hl/wt kg (4)	Kernel weight g/1000 (4)	Height cm (4)	Lodging 0-9 (2)	Maturity ^a days (3)
AC Sterling	3.81	62.3	37.4	77	0.5	88
Lester	3.83	61.2	37.1	69	3.5	88
Morrison	4.27	63.3	38.0	71	1.0	87
T103-69	3.84	62.3	36.8	69	1.5	87
CM90522	3.38	63.0	37.7	73	1.0	87
AC Buffalo	3.97	56.7	35.2	79	2.0	87
AC Hamilton	4.72	57.6	38.3	81	1.0	89
AC Nadia	3.96	58.2	34.5	82	1.0	90
AC Stephen	4.34	60.8	38.4	82	1.0	87
Beluga	4.50	60.8	37.7	82	0.0	88
Chapais	4.48	58.0	41.5	67	1.0	86
Codac	3.31	53.3	33.8	71	1.0	89
Etienne	4.60	58.3	33.6	79	1.0	87
Leger	4.50	58.9	34.7	85	1.5	87
Myriam	4.01	61.1	38.4	78	1.5	88
OAC Kippen	4.06	60.6	34.5	82	3.0	87
Sandrine	4.69	61.4	37.0	83	0.5	87
TB891-6	4.34	60.2	36.2	80	1.5	87
C73-17	4.15	59.8	37.8	85	1.5	89
AB151	4.42	56.3	40.3	75	0.5	88
CDC Buck	4.16	61.6	35.6	79	1.5	87

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA V
BARLEY
AGRONOMIC DATA, 1993-95**

Cultivar	Yield t/ha (10)*	hl/wt kg (12)	Kernel weight g/1000 (12)	Height cm (12)	Lodging 0-9 (6)	Maturity ^a days (8)
AC Sterling	4.32	63.4	41.8	79	1.3	95
Lester	4.43	63.0	41.6	70	2.8	94
Morrison	4.57	63.5	41.1	73	1.9	94
AC Hamilton	4.84	58.2	40.0	82	2.4	96
AC Nadia	4.90	59.8	37.5	85	1.4	97
AC Stephen	4.65	60.1	37.5	82	2.2	95
Chapais	4.95	57.6	42.3	71	2.4	94
Codac	4.36	56.4	36.3	74	2.4	95
Etienne	4.72	59.0	36.7	78	2.3	95
Leger	4.97	59.2	37.4	88	2.2	94
Myriam	5.10	61.3	41.3	81	1.8	95
OAC Kippen	4.64	60.4	36.7	84	3.2	94
Sandrine	5.02	61.2	38.9	87	1.7	95
TB891-6	4.51	59.2	36.4	80	2.8	95

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA V
BARLEY
AGRONOMIC DATA, 1992-95**

Cultivar	Yield t/ha (14)*	hl/wt kg (16)	Kernel weight g/1000 (16)	Height cm (16)	Lodging 0-9 (7)	Maturity ^a days (10)
AC Sterling	4.80	63.1	42.8	81	1.3	100
Lester	4.91	63.0	42.3	71	2.5	99
Morrison	4.92	63.7	42.1	74	1.8	99
AC Nadia	5.32	60.0	38.0	87	1.3	101
AC Stephen	5.02	60.9	39.1	83	2.0	99
Chapais	5.48	58.0	42.7	73	2.3	99
Codac	4.99	56.7	36.9	76	2.2	100
Etienne	5.09	59.4	37.0	81	2.1	100
Leger	5.29	59.6	37.6	90	2.0	99
OAC Kippen	5.09	60.7	36.7	86	2.9	99
TB891-6	5.05	59.9	37.2	83	2.5	100

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1991-95

Cultivar	Yield t/ha (18)*	hl/wt kg (20)	Kernel weight g/1000 (19)	Height cm (21)	Lodging 0-9** (7)	Maturity ^a days (14)
Lester	4.86	63.4	42.6	70	2.5	96
Morrison	4.89	64.1	42.5	73	1.8	96
AC Nadia	5.28	60.2	38.2	85	1.3	98
AC Stephen	4.94	60.8	39.2	81	2.0	96
Chapais	5.32	58.4	42.7	72	2.3	95
Codac	5.03	56.8	36.7	74	2.2	97
Etienne	5.08	59.7	37.6	79	2.1	96
Leger	5.24	59.7	37.4	88	2.0	96
OAC Kippen	5.10	60.9	36.8	84	2.9	96
TB891-6	5.07	60.5	37.2	80	2.5	97

^a no. of days from seeding to maturity

* no. of locations

** 1992-95 data only

**TESTING AREA V
BARLEY
Yield in kg per ha, 1995**

Cultivar	Nipissing District	Temiskaming	Thunder Bay	Rainy River District	Average			Rank
					t/ha	lb/a	bu/a	
AC Sterling	1371	4071	5767	4041	3.81	3404	70.9	19
Lester	1732	4619	5663	3308	3.83	3420	71.3	18
Morrison	2110	5027	6174	3769	4.27	3813	79.4	10
T103-69	2055	4399	5618	3276	3.84	3426	71.4	17
CM90522	1989	3978	3714	3847	3.38	3020	62.9	20
AC Buffalo	2105	5819	3583	4386	3.97	3548	73.9	15
AC Hamilton	2508	5957	5800	4600	4.72	4211	87.7	1
AC Nadia	1937	4941	4647	4316	3.96	3536	73.7	16
AC Stephen	2830	5532	4942	4052	4.34	3874	80.7	8
Beluga	1942	6227	5422	4390	4.50	4014	83.6	5
Chapais	3009	5641	5783	3474	4.48	3997	83.3	6
Codac	2495	4501	2453	3810	3.31	2960	61.7	21
Etienne	2753	5314	6308	4040	4.60	4110	85.6	3
Leger	2697	5760	5263	4273	4.50	4016	83.7	4
Myriam	2120	4809	4962	4143	4.01	3579	74.6	14
OAC Kippen	1917	4909	5768	3642	4.06	3624	75.5	13
Sandrine	1863	6628	5862	4391	4.69	4184	87.2	2
TB891-6	2229	5366	5558	4206	4.34	3875	80.7	8
C73-17	1711	5611	4800	4470	4.15	3704	77.2	12
AB151	3441	6499	3621	4117	4.42	3946	82.2	7
CDC Buck	2598	4738	4993	4302	4.16	3712	77.3	11
Mean	2258	5207	5081	4041	4.15	3702	77.1	-
C.V. %	12.5	9.5	9.2	8.7	10.0	-	-	-
LSD (0.05)	531	696	663	499	0.60	-	-	-

**TESTING AREA VI
BARLEY
AGRONOMIC DATA, 1995**

Cultivar	Yield t/ha (1)*	hl/wt kg (1)	Kernel weight g/1000 (1)	Height cm (1)	Maturity ^a days (1)
AC Sterling	3.72	70.7	46.9	71	95
Lester	3.76	70.0	44.3	66	94
Morrison	4.35	71.3	46.2	67	94
T103-69	4.18	70.2	46.3	63	94
CM90522	3.88	70.4	47.2	67	96
AC Buffalo	4.45	63.5	40.7	80	94
AC Hamilton	3.99	63.8	42.3	71	95
AC Nadia	3.90	67.5	40.9	79	95
AC Stephen	4.18	67.0	40.4	71	94
Beluga	3.94	67.7	41.2	79	96
Chapais	4.13	65.1	45.2	53	95
Codac	3.66	65.4	42.8	64	95
Etienne	3.88	65.7	39.1	66	94
Leger	4.33	66.1	40.8	83	95
Myriam	3.89	68.0	45.8	74	94
OAC Kippen	3.77	68.7	40.1	77	94
Sandrine	3.94	69.2	40.9	84	95
TB891-6	3.71	68.5	39.9	76	96
C73-17	3.81	68.5	42.8	88	96
AB151	3.26	65.3	42.0	54	96
CDC Buck	3.87	80.1	37.4	72	94

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA VI
BARLEY
AGRONOMIC DATA, 1993-95**

Cultivar	Yield t/ha (3)*	hl/wt kg (3)	Kernel weight g/1000 (3)	Height cm (3)	Lodging 0-9 (2)**	Maturity ^a days (3)
AC Sterling	4.25	70.5	45.1	79	2.8	99
Lester	4.52	70.4	43.8	73	1.9	98
Morrison	4.81	71.3	44.3	79	1.9	99
AC Hamilton	4.79	65.4	40.8	87	3.6	98
AC Nadia	4.93	69.5	38.4	93	2.7	98
AC Stephen	4.73	68.1	38.1	87	2.8	98
Chapais	4.49	66.0	45.1	70	2.4	100
Codac	4.38	66.9	40.3	76	2.4	99
Etienne	4.43	67.6	37.3	79	2.2	98
Leger	4.97	66.7	37.6	99	2.8	98
Myriam	4.74	68.8	42.9	85	2.9	98
OAC Kippen	4.32	68.9	37.7	85	3.0	98
Sandrine	4.68	68.4	37.7	95	3.6	99
TB891-6	4.44	67.7	36.4	89	3.9	100

^a no. of days from seeding to maturity

* no. of locations

** 1993-94 data only

**TESTING AREA VI
BARLEY
AGRONOMIC DATA, 1992-95**

Cultivar	Yield t/ha (4)*	hl/wt kg (4)	Kernel weight g/1000 (4)	Height cm (4)	Lodging 0-9 (3)**	Maturity ^a days (4)
AC Sterling	4.31	69.7	44.8	79	2.2	102
Lester	4.58	69.9	43.9	72	1.6	101
Morrison	4.74	70.6	44.3	79	1.6	102
AC Nadia	4.96	67.7	37.6	94	2.1	101
AC Stephen	4.87	66.4	37.5	89	2.2	100
Chapais	4.87	65.1	45.0	72	1.9	102
Codac	4.68	65.2	39.1	78	2.3	102
Etienne	4.60	66.9	36.6	81	1.8	101
Leger	5.03	65.1	36.9	100	1.3	101
OAC Kippen	4.36	67.6	37.4	86	2.3	100
TB891-6	4.52	67.1	36.0	89	2.9	102

^a no. of days from seeding to maturity

* no. of locations

** 1992-94 data only

AGRONOMIC DATA, 1991-95

Cultivar	Yield t/ha (5)*	hl/wt kg (5)	Kernel weight g/1000 (5)	Height cm (5)	Lodging 0-9 (4)**	Maturity ^a days (5)
Lester	4.74	69.5	45.3	71	1.7	100
Morrison	4.88	70.3	45.2	77	1.7	102
AC Nadia	4.96	67.0	38.4	92	1.6	101
AC Stephen	4.86	65.7	38.6	88	1.7	100
Chapais	4.98	64.3	45.1	69	1.8	101
Codac	4.83	64.2	39.5	76	2.3	101
Etienne	4.71	66.6	37.1	79	1.7	100
Leger	5.18	64.7	38.1	98	1.8	101
OAC Kippen	4.55	67.1	38.0	86	2.1	100
TB891-6	4.56	66.5	36.9	87	2.6	102

^a no. of days from seeding to maturity

* no. of locations

** 1991-94 data only

**TESTING AREA VI
BARLEY
Yield in kg per ha, 1995**

Cultivar	Cochrane	Average			Rank
		t/ha	lbs/a	bu/a	
AC Sterling	3718	3.72	3320	69.2	18
Lester	3764	3.76	3361	70.0	17
Morrison	4346	4.35	3880	80.8	2
T103-69	4179	4.18	3731	77.7	4
CM90522	3875	3.88	3460	72.1	13
AC Buffalo	4447	4.45	3971	82.7	1
AC Hamilton	3986	3.99	3559	74.1	7
AC Nadia	3903	3.90	3485	72.6	10
AC Stephen	4179	4.18	3731	77.7	4
Beluga	3940	3.94	3518	73.3	8
Chapais	4133	4.13	3690	76.9	6
Codac	3663	3.66	3271	68.1	20
Etienne	3884	3.88	3468	72.2	12
Leger	4327	4.33	3863	80.5	3
Myriam	3893	3.89	3476	72.4	11
OAC Kippen	3774	3.77	3370	70.2	16
Sandrine	3940	3.94	3518	73.3	8
TB891-6	3709	3.71	3312	69.0	19
C73-17	3810	3.81	3402	70.9	15
AB151	3257	3.26	2908	60.6	21
CDC Buck	3866	3.87	3452	71.9	14
Mean	3933	3.93	3512	73.2	-
C.V. %	8.4	8.4	-	-	-
LSD (0.05)	468	0.47	-	-	-

DESCRIPTION OF CULTIVARS IN RECOMMENDATION TESTS, 1995

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 Mustang (OT 766) - an oat cultivar developed by Agriculture Canada, Lacombe from the cross Cascade/Fraser. Registered in 1994.
- 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.
- 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.
- Robert 68 (OT 275) - a backcross of the crown rust resistance gene Pc68 into Robert developed by Agriculture Canada, Winnipeg. Registered in 1994.
- Ultima - an oat cultivar developed by Agriculture Canada (Ste. Foy), from the cross Manic//RL-2892/Kent. Registered in 1989.
- GA 891234 (OAC Paisley) - a yellow-hulled oat cultivar developed by OAC from the cross Ogle/OA6302. Registered in 1995.
- AC Lotta (NO 820-3) - a hullless oat developed by Agriculture Canada, Ottawa from the cross 04186/OA501-1. AC Lotta is being marketed by C & M Seeds. Registered in 1991.

OATS

MEAN YIELDS IN DIFFERENT AREAS*, 1995

	I (1)**		II (5)		III (-)		IV (2)		V (4)		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
AC Hunter	5.90	6	3.19	3	-	-	4.79	5	4.37	2	4.07	4	4.08	3639
AC Mustang	5.22	9	2.15	9	-	-	3.24	9	4.09	6	4.72	1	3.35	2989
AC Rigodon	6.20	5	2.69	8	-	-	4.82	4	4.39	1	3.95	6	3.91	3491
AC Stewart	6.41	2	3.21	2	-	-	4.91	3	3.61	9	2.89	9	3.81	3405
Donegal	6.57	1	3.14	4	-	-	4.46	8	4.34	5	4.34	2	4.07	3630
Robert	5.74	8	3.03	6	-	-	4.74	6	4.05	7	3.82	7	3.88	3462
Robert 68	5.78	7	3.11	5	-	-	5.01	2	4.36	3	4.17	3	4.07	3635
Ultima	6.38	3	2.94	7	-	-	4.66	7	4.35	4	3.97	5	3.98	3556
GA891234	6.26	4	3.34	1	-	-	5.08	1	3.99	8	3.63	8	4.05	3618
mean	6.05	-	2.98	-	-	-	4.63	-	4.17	-	3.95	-	3.91	3492
AC Lotta ¹	3.65	1	1.88	1	-	-	3.17	1	2.60	1	2.12	1	2.46	2193
TOTAL MEAN	5.81	-	2.87	-	-	-	4.49	-	4.01	-	3.77	-	3.77	3362

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

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1995

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Hunter	97	107	-	103	105	103	104
AC Mustang	86	72	-	70	98	120	86
AC Rigodon	102	90	-	104	105	100	100
AC Stewart	106	108	-	106	87	73	98
Donegal	109	105	-	96	104	110	104
Robert	95	102	-	102	97	97	99
Robert 68	96	104	-	108	104	106	104
Ultima	106	99	-	101	104	100	102
GA891234	103	112	-	110	96	92	104
mean yield t/ha	6.05	2.98	-	4.63	4.17	3.95	3.91
AC Lotta ¹	100	100	-	100	100	100	100
mean yield t/ha	3.65	1.88	-	3.17	2.60	2.12	2.46

¹ hullless oats

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 1995

Cultivar	I (1)**		II (5)		III (-)		IV (2)		V (4)		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
AC Hunter	5.90	5	3.19	2	-	-	4.79	3	4.37	2	4.07	2	4.08	3639
AC Rigodon	6.20	4	2.69	6	-	-	4.82	2	4.39	1	3.95	4	3.91	3489
AC Stewart	6.41	2	3.21	1	-	-	4.91	1	3.61	6	2.89	6	3.81	3405
Donegal	6.57	1	3.14	3	-	-	4.46	6	4.34	4	4.34	1	4.07	3630
Robert	5.74	6	3.03	4	-	-	4.74	4	4.05	5	3.82	5	3.88	3462
Ultima	6.38	3	2.94	5	-	-	4.66	5	4.35	3	3.97	3	3.98	3556
mean	6.20	-	3.03	-	-	-	4.73	-	4.19	-	3.84	-	3.95	3530
AC Lotta ¹	3.65	1	1.88	1	-	-	3.17	1	2.60	1	2.12	1	2.46	2193
TOTAL MEAN	5.84	-	2.87	-	-	-	4.51	-	3.96	-	3.59	-	3.74	3339

* See attached map

** No. of locations

*** Weighted average

¹ hullless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1995

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Hunter	95	105	-	101	104	106	103
AC Rigodon	100	89	-	102	104	103	99
AC Stewart	103	106	-	104	86	75	97
Donegal	106	103	-	94	104	113	103
Robert	93	100	-	100	97	99	98
Ultima	103	97	-	99	104	103	101
mean yield t/ha	6.20	3.03	-	4.73	4.19	3.84	3.95
AC Lotta ¹	100	100	-	100	100	100	100
mean yield t/ha	3.65	1.88	-	3.17	2.60	2.12	2.46

¹ hullless oats

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 1993-95

Cultivar	I (3)**		II (11)		III (2)		IV (6)		V (9)		VI (3)		PROVINCE*** (34)	
	t/ha	RANK	t/ha	RANK	t/ha****	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a
AC Hunter	4.38	5	3.47	2	4.32	1	4.58	3	5.01	4	4.85	2	4.33	3863
AC Rigodon	4.54	3	3.26	6	4.31	2	4.80	1	5.38	1	4.73	5	4.40	3926
AC Stewart	4.65	2	3.50	1	4.27	3	4.45	4	4.70	6	3.79	6	4.16	3712
Donegal	4.77	1	3.32	4	4.05	5	3.97	6	5.13	3	4.93	1	4.23	3773
Robert	4.37	6	3.41	3	3.90	6	4.72	2	4.83	5	4.78	3	4.25	3797
Ultima	4.40	4	3.31	5	4.23	4	4.29	5	5.16	2	4.76	4	4.25	3796
mean	4.52	-	3.38	-	4.18	-	4.47	-	5.04	-	4.64	-	4.27	3811
AC Lotta ¹	2.61	1	2.14	1	3.19	1	2.91	1	3.53	1	2.73	1	2.80	2499
Total Mean	4.25	-	3.20	-	4.04	-	4.25	-	4.82	-	4.37	-	4.06	3624

* See attached map

** No. of locations

*** Weighted average

**** 1993-94 data only

¹ hullless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1993-95

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Hunter	97	103	103	102	99	105	101
AC Rigodon	100	97	103	107	107	102	103
AC Stewart	103	103	102	100	93	82	97
Donegal	105	98	97	89	102	106	99
Robert	97	101	93	106	96	103	100
Ultima	97	98	101	96	102	103	100
mean yield t/ha	4.52	3.38	4.18	4.47	5.04	4.64	4.27
AC Lotta ¹	100	100	100	100	100	100	100
mean yield t/ha	2.61	2.14	3.19	2.91	3.53	2.73	2.80

¹ hullless oats

OATS
MEAN YIELDS IN DIFFERENT AREAS*, 1991-95

Cultivar	I (7)**		II (17)		III (12)		IV (8)		V (16)		VI (5)		PROVINCE*** (65)	
	t/ha	RANK	t/ha	RANK	t/ha***	RANK	t/ha	RANK	t/ha	RANK	t/ha	RANK	t/ha	lbs/a
AC Hunter	3.85	4	3.46	3	4.17	5	4.27	3	5.31	4	5.31	2	4.33	3867
AC Rigodon	4.06	3	3.41	4	4.26	2	4.47	2	5.69	1	5.20	4	4.47	3995
AC Stewart	4.25	2	3.53	2	4.08	6	4.27	3	4.83	6	4.46	6	4.19	3742
Donegal	4.31	1	3.22	6	4.20	3	3.71	6	5.50	3	5.47	1	4.31	3851
Robert	3.85	4	3.56	1	4.18	4	4.52	1	5.14	5	5.11	5	4.33	3870
Ultima	3.62	6	3.34	5	4.47	1	3.97	5	5.57	2	5.23	3	4.35	3885
mean	3.99	-	3.42	-	4.23	-	4.20	-	5.34	-	5.13	-	4.33	3868
AC Lotta ¹	2.25	1	2.27	1	2.97	1	2.76	1	3.72	1	3.39	1	2.90	2589
Total Mean	3.74	-	3.26	-	4.05	-	3.99	-	5.11	-	4.88	-	4.13	3686

- * See attached map
- ** No. of locations
- *** Weighted average
- **** 1991-94 data only
- ¹ Hullless oats

OATS
DATA EXPRESSED RELATIVE TO LOCATION MEANS, 1991-95

Cultivar	I	II	III	IV	V	VI	PROVINCE
AC Hunter	96	101	99	102	100	103	100
AC Rigodon	102	100	101	106	107	101	103
AC Stewart	107	103	96	102	90	87	97
Donegal	108	94	99	88	103	107	100
Robert	97	104	99	108	96	100	100
Ultima	91	98	106	95	104	102	100
mean yield t/ha	3.99	3.42	4.23	4.20	5.34	5.13	4.33
AC Lotta ¹	100	100	100	100	100	100	100
mean yield t/ha	2.25	2.27	2.97	2.76	3.72	3.39	2.90

¹ hullless oats

**TESTING AREA I
OATS
AGRONOMIC DATA, 1995**

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)	Leaf Rust 0-9 (1)
AC Hunter	5.90	50.6	33.4	137	7.5	119	0
AC Mustang	5.22	42.4	29.0	131	8.0	114	0
AC Rigodon	6.20	54.2	37.4	132	8.5	116	1
AC Stewart	6.41	52.3	37.8	113	7.8	111	0
Donegal	6.57	53.1	36.6	129	8.0	115	0
Robert	5.74	52.8	39.7	118	6.5	114	0
Robert 68	5.78	53.2	37.6	119	6.2	113	0
Ultima	6.38	50.7	33.6	119	6.0	114	0
GA891234	6.26	51.7	32.8	117	8.2	112	0
AC Lotta	3.65	58.5	28.3	132	7.2	115	0

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1993-95

Cultivar	Yield t/ha (3)*	hl/wt kg (3)	Kernel weight g/1000 (3)	Height cm** (2)	Lodging 0-9 (3)	Maturity ^a days** (2)
AC Hunter	4.38	46.0	34.1	118	4.5	113
AC Rigodon	4.54	47.9	34.1	114	4.8	111
AC Stewart	4.65	48.2	36.9	100	4.6	105
Donegal	4.77	47.2	34.3	113	5.0	110
Robert	4.37	49.2	36.3	102	4.4	109
Ultima	4.40	44.9	30.6	105	3.5	109
AC Lotta	2.61	55.9	24.9	113	4.6	110

^a no. of days from seeding to maturity

* no. of locations

** 1993, 1995 data only

**TESTING AREA I
OATS
AGRONOMIC DATA, 1991-95**

Cultivar	Yield t/ha (7)*	hl/wt kg (7)	Kernel weight g/1000** (4)	Height cm*** (6)	Lodging 0-9 (6)	Maturity ^a days*** (4)
AC Hunter	3.85	41.3	35.8	108	3.5	107
AC Rigodon	4.06	43.9	34.5	106	3.2	106
AC Stewart	4.25	44.0	37.6	90	3.3	99
Donegal	4.31	43.8	35.6	104	4.2	105
Robert	3.85	45.7	36.8	96	3.8	104
Ultima	3.62	41.2	30.8	100	2.4	104
AC Lotta	2.25	54.1	25.5	106	3.5	104

^a no. of days from seeding to maturity

* no. of locations

** 1992-95 data only

*** 1991-93, 1995 data only

**TESTING AREA I
OATS
Yield in kg per ha, 1995**

Cultivar	Kent I	Average			Rank
		t/ha	lb/a	bu/a	
AC Hunter	5895	5.90	5263	154.8	6
AC Mustang	5220	5.22	4661	137.1	9
AC Rigodon	6201	6.20	5537	162.8	5
AC Stewart	6409	6.41	5722	168.3	2
Donegal	6571	6.57	5867	172.6	1
Robert	5744	5.74	5129	150.8	8
Robert 68	5783	5.78	5163	151.9	7
Ultima	6384	6.38	5700	167.6	3
GA891234	6261	6.26	5590	164.4	4
AC Lotta	3648	3.65	3257	-	10
Mean	5812	5.81	5189	-	-
C.V. %	4.5	4.5	-	-	-
LSD (0.05)	377	0.38	-	-	-

**TESTING AREA II
OATS
AGRONOMIC DATA, 1995**

Cultivar	Yield t/ha (5)*	hl/wt kg (5)	Kernel weight g/1000 (5)	Height cm (4)	Lodging 0-9 (4)	Maturity ^a days (3)	Leaf Rust 0-9 (2)	Septoria 0-9 (2)
AC Hunter	3.19	45.2	32.5	98	3.6	89	0.0	5.2
AC Mustang	2.15	36.0	27.3	92	4.3	87	5.5	5.8
AC Rigodon	2.69	45.9	31.4	96	3.7	88	3.3	4.8
AC Stewart	3.21	46.8	36.5	83	3.9	84	4.8	5.5
Donegal	3.14	45.5	31.0	93	4.4	88	5.5	5.3
Robert	3.03	47.1	33.5	85	4.3	88	0.1	5.2
Robert 68	3.11	48.3	35.3	85	4.1	88	0.0	5.4
Ultima	2.94	44.0	28.5	80	3.3	87	5.7	5.4
GA891234	3.34	46.5	33.0	85	1.9	85	4.4	5.7
AC Lotta	1.88	55.2	24.9	97	4.2	86	5.4	6.3

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1993-95

Cultivar	Yield t/ha (11)*	hl/wt kg (11)	Kernel weight g/1000 (11)	Height cm (10)	Lodging 0-9 (8)	Maturity ^a days (5)	Leaf Rust 0-9 (6)	Septoria 0-9 (7)
AC Hunter	3.47	46.5	35.2	105	4.1	89	0.0	3.7
AC Rigodon	3.26	47.9	33.8	101	3.5	89	1.6	3.3
AC Stewart	3.50	47.2	37.2	91	3.1	85	2.1	4.4
Donegal	3.32	44.9	31.9	101	4.1	89	3.8	3.0
Robert	3.41	47.9	35.3	93	3.9	89	0.0	4.1
Ultima	3.31	45.2	29.9	92	2.4	88	3.2	4.0
AC Lotta	2.14	54.2	25.8	103	3.6	87	2.8	4.3

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA II
OATS
AGRONOMIC DATA, 1991-95**

Cultivar	Yield t/ha (17)*	hl/wt kg (17)	Kernel weight g/1000 (17)	Height cm (14)	Lodging 0-9 (12)	Maturity ^a days (8)	Leaf Rust 0-9 (9)	Septoria 0-9 (12)
AC Hunter	3.46	45.1	35.4	106	3.4	91	0.0	4.1
AC Rigodon	3.41	47.4	34.9	104	3.5	90	1.8	3.4
AC Stewart	3.53	46.1	37.3	89	3.0	87	2.0	4.6
Donegal	3.22	43.9	32.2	104	4.3	90	4.5	3.2
Robert	3.56	47.5	36.4	94	3.1	90	0.2	4.5
Ultima	3.34	44.6	30.2	95	2.9	90	3.5	4.2
AC Lotta	2.27	54.7	26.3	104	3.6	89	2.3	4.3

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA II
OATS
Yield in kg per ha, 1995**

Cultivar	Oxford	Huron I	Huron II	Middlesex I	Lennox Addington	Average			
						t/ha	lb/a	bu/a	Rank
AC Hunter	4033	4154	3083	2449	2250	3.19	2852	83.9	3
AC Mustang	1659	3188	2568	1565	1781	2.15	1922	56.5	9
AC Rigodon	3675	4106	3111	2608	2525	2.69	2401	70.6	8
AC Stewart	3984	3949	3174	2811	2124	3.21	2865	84.3	2
Donegal	3120	4093	3065	3021	2379	3.14	2800	82.3	4
Robert	4075	3743	2893	2260	2200	3.03	2709	79.7	6
Robert 68	3786	4142	2927	2521	2161	3.11	2774	81.6	5
Ultima	2803	4130	2750	2826	2186	2.94	2624	77.2	7
GA891234	3956	4118	3185	3137	2293	3.34	2980	87.7	1
AC Lotta	2009	2560	2087	1598	1140	1.88	-	-	10
Mean	3310	3818	2884	2480	2104	2.92	2606	-	-
C.V. %	8.3	7.8	10.9	13.2	11.6	10.4	-	-	-
LSD (0.05)	389	860	456	476	295	0.50	-	-	-

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

Cultivar	Yield t/ha (-)*	hl/wt kg (1)	Kernel weight g/1000 (1)	Height cm (2)	Lodging 0-9 (1)	Maturity ^a days (1)
AC Hunter	-	62.3	34.0	87	0.0	99
AC Mustang	-	52.4	29.2	83	0.0	97
AC Rigodon	-	63.6	33.6	86	1.0	87
AC Stewart	-	56.1	34.8	77	0.0	83
Donegal	-	61.1	36.4	79	0.0	98
Robert	-	63.6	37.6	89	4.0	97
Robert 68	-	62.3	37.2	86	4.0	97
Ultima	-	61.1	32.8	82	0.0	98
GA891234	-	59.9	32.8	79	0.0	86
AC Lotta	-	54.9	30.4	90	0.0	97

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1993-95

Cultivar	Yield t/ha** (2)*	hl/wt kg (3)	Kernel weight g/1000 (3)	Height cm (6)	Lodging 0-9 (4)	Maturity ^a days (3)
AC Hunter	4.32	55.5	34.5	101	1.8	96
AC Rigodon	4.31	59.2	36.7	100	2.3	91
AC Stewart	4.27	53.8	37.9	89	2.0	88
Donegal	4.05	54.1	34.5	97	2.8	94
Robert	3.90	56.4	35.6	94	3.8	94
Ultima	4.23	53.7	33.9	92	2.0	94
AC Lotta	3.19	54.9	27.2	106	1.8	94

^a no. of days from seeding to maturity

* no. of locations

** 1993-94 data only

**TESTING AREA III
OATS
AGRONOMIC DATA, 1991-95**

Cultivar	Yield	hl/wt	Kernel weight	Height	Lodging	Maturity ^a
	t/ha** (12)*	kg (13)	g/1000 (12)	cm (16)	0-9 (8)	days (8)
AC Hunter	4.17	49.2	36.9	101	2.2	92
AC Rigodon	4.26	50.9	38.0	101	2.2	90
AC Stewart	4.08	48.3	39.2	90	1.7	88
Donegal	4.20	48.3	35.2	99	2.8	91
Robert	4.18	50.1	34.9	94	3.4	92
Ultima	4.47	48.6	34.8	95	2.0	91
AC Lotta	2.97	53.0	29.2	105	1.5	91

^a no. of days from seeding to maturity

* no. of locations

** 1991-94 data only

**TESTING AREA III
OATS
Yield in kg per ha, 1995**

Cultivar	Carleton I*	Prescott & Russell*	Average			Rank
			t/ha	lb/a	bu/a	
AC Hunter	957	4048	-	-	-	-
AC Mustang	893	1871	-	-	-	-
AC Rigodon	835	4165	-	-	-	-
AC Stewart	784	2866	-	-	-	-
Donegal	1419	2738	-	-	-	-
Robert	723	2878	-	-	-	-
Robert 68	906	5022	-	-	-	-
Ultima	1059	2726	-	-	-	-
GA891234	763	3498	-	-	-	-
AC Lotta	485	1691	-	-	-	-
Mean	883	3150	-	-	-	-
C.V. %	14.6	7.5	-	-	-	-
LSD (0.05)	182	283	-	-	-	-

**TESTING AREA IV
OATS
AGRONOMIC DATA, 1995**

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)	Leaf Rust 0-9 (1)	Septoria 0-9 (2)
AC Hunter	4.79	41.2	30.6	99	4.7	90	1.0	3.6
AC Mustang	3.24	30.7	27.0	110	2.7	88	7.0	2.8
AC Rigodon	4.82	41.4	32.4	99	5.4	91	5.0	2.9
AC Stewart	4.91	41.7	35.2	93	2.7	84	5.0	4.0
Donegal	4.46	41.6	32.4	104	2.5	87	5.5	2.5
Robert	4.74	45.0	34.4	100	0.8	90	1.5	4.3
Robert 68	5.01	44.1	37.4	102	0.0	92	0.0	3.8
Ultima	4.66	40.3	27.8	102	0.3	89	5.5	3.5
GA891234	5.08	41.7	36.0	98	1.0	88	4.0	4.2
AC Lotta	3.17	54.2	22.4	107	5.4	86	7.0	2.8

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1993-95

Cultivar	Yield t/ha (6)*	hl/wt kg (6)	Kernel weight g/1000 (6)	Height cm (6)	Lodging 0-9 (6)	Maturity ^a days (3)	Leaf Rust 0-9 (4)	Septoria 0-9 (4)
AC Hunter	4.58	43.4	33.7	112	3.1	96	0.3	4.5
AC Rigodon	4.80	44.6	33.7	108	3.3	96	4.6	3.0
AC Stewart	4.45	43.1	36.0	97	1.5	90	4.8	4.7
Donegal	3.97	41.5	29.3	107	3.2	94	6.3	3.0
Robert	4.72	46.3	36.2	102	1.3	96	0.6	3.8
Ultima	4.29	40.4	28.5	103	1.2	97	5.6	3.6
AC Lotta	2.91	54.1	23.1	114	3.1	94	5.8	3.7

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA IV
OATS
AGRONOMIC DATA, 1991-95**

Cultivar	Yield t/ha (8)*	hl/wt kg (8)	Kernel weight g/1000 (8)	Height cm (9)	Lodging 0-9 (8)	Maturity ^a days** (4)	Septoria 0-9 (7)
AC Hunter	4.27	42.2	33.8	110	3.4	94	4.2
AC Rigodon	4.47	44.0	34.0	109	3.8	94	2.1
AC Stewart	4.27	41.7	37.0	95	1.2	88	3.3
Donegal	3.71	40.6	32.0	106	2.6	92	2.8
Robert	4.52	45.0	38.0	101	1.0	94	3.2
Ultima	3.97	40.6	29.4	102	0.9	95	3.2
AC Lotta	2.76	52.7	23.7	112	2.5	92	3.1

^a no. of days from seeding to maturity

* no. of locations

** 1991, 1993-95 data only

**TESTING AREA IV
OATS
Yield in kg per ha, 1995**

Cultivar	Wellington I	Wellington	Average			Rank
			t/ha	lb/a	bu/a	
AC Hunter	4595	4975	4.79	4272	125.7	5
AC Mustang	2448	4032	3.24	2893	85.1	9
AC Rigodon	4601	5042	4.82	4305	126.6	4
AC Stewart	4371	5443	4.91	4381	128.9	3
Donegal	3670	5255	4.46	3984	117.2	8
Robert	4888	4595	4.74	4233	124.5	6
Robert 68	5210	4806	5.01	4471	131.5	2
Ultima	4421	4891	4.66	4157	122.3	7
GA891234	4806	5346	5.08	4532	133.3	1
AC Lotta	2915	3431	3.17	2833	-	10
Mean	4222	4782	4.50	4020	-	-
C.V. %	4.5	5.7	5.1	-	-	-
LSD (0.05)	230	119	0.17	-	-	-

**TESTING AREA V
OATS
AGRONOMIC DATA, 1995**

Cultivar	Yield t/ha (4)*	hl/wt kg (4)	Kernel weight g/1000 (4)	Height cm (4)	Lodging 0-9 (1)	Maturity ^a days (2)
AC Hunter	4.37	41.8	35.5	100	0	93
AC Mustang	4.09	39.6	34.5	97	1	93
AC Rigodon	4.39	42.8	37.3	95	2	93
AC Stewart	3.61	39.5	36.7	84	0	91
Donegal	4.34	43.0	36.6	97	1	92
Robert	4.05	43.1	35.2	89	0	94
Robert 68	4.36	41.4	34.9	91	0	93
Ultima	4.35	39.0	32.9	90	0	94
GA891234	3.99	38.5	34.6	88	0	91
AC Lotta	2.60	46.9	29.1	99	3	92

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1993-95

Cultivar	Yield t/ha (9)*	hl/wt kg (11)	Kernel weight g/1000 (11)	Height cm (12)	Lodging 0-9 (6)	Maturity ^a days (8)
AC Hunter	5.01	45.0	36.2	108	1.9	103
AC Rigodon	5.38	46.1	39.1	106	3.0	103
AC Stewart	4.70	43.8	38.7	94	0.8	100
Donegal	5.13	46.0	38.4	104	2.5	103
Robert	4.83	45.8	38.5	97	1.7	103
Ultima	5.16	44.4	34.5	99	0.8	103
AC Lotta	3.53	50.2	31.1	110	1.7	103

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA V
OATS
AGRONOMIC DATA, 1991-95**

Cultivar	Yield t/ha (16)*	hl/wt kg (19)	Kernel weight g/1000 (18)	Height cm (21)	Lodging 0-9 (10)	Maturity ^a days (15)
AC Hunter	5.31	46.6	36.2	107	2.3	103
AC Rigodon	5.69	48.0	38.6	104	3.0	103
AC Stewart	4.83	44.9	37.9	91	1.3	100
Donegal	5.50	46.7	37.9	103	2.8	103
Robert	5.14	47.1	38.3	96	1.9	103
Ultima	5.57	46.0	34.0	98	1.4	103
AC Lotta	3.72	52.4	31.3	108	2.2	102

^a no. of days from seeding to maturity

* no. of locations

**TESTING AREA V
OATS
Yield in kg per ha, 1995**

Cultivar	Nipissing District	Temiskaming	Thunder Bay	Rainy River District	Average			Rank
					t/ha	lbs/a	bu/a	
AC Hunter	1962	4946	5385	5185	4.37	3901	114.7	2
AC Mustang	1931	2588	6375	5446	4.09	3647	107.3	6
AC Rigodon	2062	4894	5303	5298	4.39	3920	115.3	1
AC Stewart	1441	4655	4502	3832	3.61	3221	94.7	9
Donegal	2164	4288	5315	5578	4.34	3872	113.9	5
Robert	2002	4810	4565	4812	4.05	3614	106.3	7
Robert 68	2167	5295	5061	4902	4.36	3890	114.4	3
Ultima	2231	4804	5402	4975	4.35	3887	114.3	4
GA891234	1910	4569	4768	4701	3.99	3560	104.7	8
AC Lotta	825	3360	3243	2987	2.60	2325	-	10
Mean	1869	4421	4992	4753	4.01	3583	-	-
C.V. %	14.2	11.9	5.0	9.7	10.2	-	-	-
LSD (0.05)	385	764	363	669	0.55	-	-	-

**TESTING AREA VI
OATS
AGRONOMIC DATA, 1995**

Cultivar	Yield t/ha (1)*	hl/wt kg (1)	Kernel weight g/1000 (1)	Height cm (1)	Maturity ^a days (1)
AC Hunter	4.07	47.3	30.0	84	103
AC Mustang	4.72	47.9	31.9	80	100
AC Rigodon	3.95	48.7	31.2	77	103
AC Stewart	2.89	46.3	28.8	67	100
Donegal	4.34	49.5	30.9	78	102
Robert	3.82	48.7	31.3	69	102
Robert 68	4.17	48.7	32.0	72	102
Ultima	3.97	47.3	28.1	74	101
GA891234	3.63	45.2	28.9	69	101
AC Lotta	2.12	56.2	26.0	82	102

^a no. of days from seeding to maturity

* no. of locations

AGRONOMIC DATA, 1993-95

Cultivar	Yield t/ha (3)*	hl/wt kg (3)	Kernel weight g/1000 (3)	Height cm (3)	Lodging 0-9** (2)	Maturity ^a days (3)
AC Hunter	4.85	51.0	33.3	100	3.0	109
AC Rigodon	4.73	51.2	35.3	94	3.1	110
AC Stewart	3.79	48.5	35.4	78	2.9	107
Donegal	4.93	49.3	34.5	96	2.9	110
Robert	4.78	48.6	34.9	92	1.8	110
Ultima	4.76	50.1	31.4	93	2.3	109
AC Lotta	2.73	58.9	28.7	97	2.7	111

^a no. of days from seeding to maturity

* no. of locations

** 1993-94 data only

**TESTING AREA VI
OATS
AGRONOMIC DATA, 1991-95**

Cultivar	Yield	hl/wt	Kernel weight	Height	Lodging	Maturity ^a
	t/ha (5)*	kg (5)	g/100 (5)	cm (5)	0-9** (4)	days (5)
AC Hunter	5.31	51.9	34.7	100	3.0	110
AC Rigodon	5.20	52.2	36.9	95	2.8	111
AC Stewart	4.46	49.0	37.2	82	2.1	106
Donegal	5.47	50.8	37.3	97	2.8	110
Robert	5.11	49.9	37.4	91	1.8	110
Ultima	5.23	51.6	33.3	93	2.3	110
AC Lotta	3.39	59.6	30.6	100	2.4	110

^a no. of days from seeding to maturity

* no. of locations

** 1991-94 data only

**TESTING AREA VI
OATS
Yield in kg per ha, 1995**

Cultivar	Cochrane	Average			Rank
		t/ha	lb/a	bu/a	
AC Hunter	4069	4.07	3633	106.9	4
AC Mustang	4724	4.72	4218	124.1	1
AC Rigodon	3949	3.95	3526	103.7	6
AC Stewart	2888	2.89	2579	75.8	9
Donegal	4336	4.34	3871	113.9	2
Robert	3820	3.82	3411	100.3	7
Robert 68	4170	4.17	3723	109.5	3
Ultima	3967	3.97	3542	104.2	5
GA891234	3626	3.63	3238	95.2	8
AC Lotta	2122	2.12	1895	-	10
Mean	3767	3.77	3363	-	-
C.V. %	7.3	7.3	-	-	-
LSD (0.05)	400	0.40	-	-	-

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

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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
SRS	-	STEM RUST
MDT	-	MATURITY DATE

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

LOCATIONS ABBREVIATIONS

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

DESCRIPTION OF REGISTERED VARIETIES

Harus:

Fredrick/Yorkstar - From Agriculture and Agri-Food Canada, Harrow Research Station. Good Yielding, soft white wheat with good milling and 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 and glume blotch. Susceptible to leaf rust and wheat spindle streak mosaic virus.

Zavitz, (OAC85-7s)

Houser/NY629817 - From O.A.C., University of Guelph. A good yielding soft white wheat with a very high thousand kernel weight. Tendency for higher grain and flour protein levels. Good cookie spread and 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 wheat spindle streak mosaic virus scores.

AC Ron, (H212.8)

Harus/Augusta - From Agriculture and Agri-Food Canada, Harrow Research Station. Soft white variety with good milling and baking quality. Very high yielding in all areas tested. Below average incidence of glume blotch, BYDV and wheat spindle streak mosaic virus.

OAC Ariss, (OAC87:22)

Fredrick/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)

Fredrick/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//Augusta - From W.G. Thompson & Sons Ltd. A high yielding soft white variety with good milling and baking quality. Good mildew 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 and stem rust resistance. Susceptible to leaf rust.

Augusta

Genesee/Redcoat, A2747//Yorkstar. Developed at Michigan State University. No longer grown in the Recommendation Trial.

Freedom

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD
 YEAR(S): 89-95 +
 MGMT : NORMAL

KEY NAME	AREA 1 (22)*	AREA 2 (38)	AREA 3 (9)	PROVINCE (69)**
1 HARUS	99.8	98.8	92.8	98.4
2 REBECCA	102.1	101.0	94.9	100.5
3 ZAVITZ	99.7	96.8	105.1	98.8
4 KARENA	99.5	99.0	101.5	99.5
5 AC RON	102.1	104.0	102.0	103.1
6 OAC ARISS	98.8	99.4	102.2	99.6
7 DELAWARE	98.0	101.0	101.5	100.1
OVERALL MEAN	5.19	5.44	4.79	5.28

TRAIT : YIELD
 YEAR(S): 91-95 +
 MGMT : NORMAL

KEY NAME	AREA 1 (17)*	AREA 2 (29)	AREA 3 (7)+	PROVINCE (53)**
1 HARUS	98.7	99.3	94.4	98.4
2 REBECCA	101.2	100.4	97.1	100.2
3 ZAVITZ	98.9	96.7	108.0	98.9
4 KARENA	98.9	98.3	102.0	99.0
5 AC RON	102.3	104.4	99.6	103.1
6 OAC ARISS	100.8	100.0	98.1	100.0
7 DELAWARE	96.3	100.3	99.6	99.0
9 DIANA	102.9	100.6	101.1	101.4
OVERALL MEAN	5.44	5.53	5.03	5.44

TRAIT : YIELD
 YEAR(S): 93-95
 MGMT : NORMAL

KEY NAME	AREA 1 (8)*	AREA 2 (20)	AREA 3 (6)	PROVINCE (34)**
1 HARUS	100.3	99.8	94.1	98.9
2 REBECCA	101.9	100.9	97.8	100.6
3 ZAVITZ	97.8	96.7	107.3	98.8
4 KARENA	100.6	97.9	102.9	99.4
5 AC RON	103.8	103.4	101.3	103.1
6 OAC ARISS	100.1	99.7	97.0	99.3
7 DELAWARE	92.1	100.3	99.4	98.2
8 CASEY	104.6	101.7	99.6	102.0
9 DIANA	98.9	99.7	100.7	99.7
OVERALL MEAN	5.51	5.24	5.42	5.33

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD
 YEAR(S) : 94-95
 MGMT : NORMAL

KEY NAME	AREA 1 (7)*	AREA 2 (14)	AREA 3 (4)	PROVINCE (25)**
1 HARUS	100.2	96.1	94.7	97.0
2 REBECCA	102.8	101.2	99.1	101.3
3 ZAVITZ	97.7	95.0	104.8	97.3
4 KARENA	101.6	98.7	101.6	100.0
5 AC RON	104.7	104.4	102.7	104.2
6 OAC ARISS	100.2	101.1	94.1	99.7
7 DELAWARE	91.9	100.2	96.3	97.2
8 CASEY	103.7	100.2	99.8	101.1
9 DIANA	99.1	100.1	101.3	100.0
10 MARILEE	98.0	103.1	105.6	102.1
OVERALL MEAN	5.66	5.73	5.50	5.68

TRAIT : YIELD
 YEAR : 95
 MGMT : NORMAL

KEY NAME	AREA 1 (4)*	AREA 2 (8)	AREA 3 (2)	PROVINCE (14)**
1 HARUS	100.3	97.6	93.8	97.9
2 REBECCA	99.9	99.9	101.3	100.1
3 ZAVITZ	98.7	93.0	105.9	96.4
4 KARENA	102.2	97.9	99.4	99.4
5 AC RON	106.6	105.4	100.2	105.0
6 OAC ARISS	100.6	101.4	99.2	100.9
7 DELAWARE	87.5	99.2	101.7	96.2
8 CASEY	105.7	100.6	99.9	102.0
9 DIANA	96.7	98.1	98.5	97.8
10 MARILEE	95.1	103.1	98.7	100.2
11 AUGUSTA	93.6	97.8	98.0	96.7
12 FREEDOM	113.0	105.9	103.5	107.6
OVERALL MEAN	6.00	5.89	4.92	5.78

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 89-95
 AREA : 1

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	HW89N	RN89N	ID89N	MH89N	RN90N	WE91N	HW91N	RN91N	MH91N	HW92N	WE92N
1 HARUS	4.48	3.98	4.64	4.89	4.44	2.82	3.35	3.92	3.74	6.35	7.17
2 REBECCA	4.80	3.50	4.62	4.83	5.08	3.05	3.96	4.13	3.49	5.95	7.59
3 ZAVITZ	4.07	4.32	3.86	5.13	4.69	3.65	3.89	4.13	4.08	6.34	6.00
4 KARENA	4.76	3.14	4.10	5.80	4.45	2.51	4.18	3.84	3.90	6.39	6.99
5 AC RON	4.19	3.36	4.96	4.77	4.80	2.70	3.67	4.05	3.74	6.87	7.50
6 OAC ARISS	3.64	3.07	4.31	4.38	4.54	3.09	3.65	3.63	3.48	7.01	8.14
7 DELAWARE	3.78	3.81	5.00	4.89	5.04	3.23	3.45	3.84	3.72	6.27	7.25
LOCATION MEAN	4.25	3.60	4.50	4.96	4.72	3.01	3.74	3.93	3.74	6.45	7.23

KEY NAME	RN92N	MH92N	ID92N	RN93N	HW94N	RN94N	ID94N	HW95N	WE95N	RN95N	ID95N	MEAN
1 HARUS	7.28	6.87	5.85	4.45	4.80	5.49	5.32	5.60	6.50	6.57	5.42	5.18
2 REBECCA	7.56	6.74	6.24	4.21	6.00	5.23	5.47	5.60	6.20	6.36	5.76	5.29
3 ZAVITZ	7.25	6.14	5.58	4.36	5.60	4.73	4.75	5.80	6.20	6.08	5.53	5.10
4 KARENA	7.45	5.69	6.13	4.14	5.30	5.17	5.29	5.60	7.00	6.51	5.46	5.17
5 AC RON	8.18	6.39	6.38	4.30	5.20	5.07	5.68	6.30	6.80	6.73	5.72	5.33
6 OAC ARISS	7.60	7.06	6.17	4.38	5.30	5.03	5.27	5.00	6.80	6.50	5.88	5.18
7 DELAWARE	7.73	7.05	6.15	4.10	5.30	4.86	5.17	4.00	4.90	6.17	5.90	5.07
LOCATION MEAN	7.58	6.56	6.07	4.28	5.36	5.08	5.28	5.41	6.34	6.42	5.67	5.19

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	HW89N	RN89N	ID89N	MH89N	RN90N	WE91N	HW91N	RN91N	MH91N	HW92N	WE92N
1 HARUS	106	111	103	99	94	94	90	100	100	98	99
2 REBECCA	113	97	103	97	108	101	106	105	93	92	105
3 ZAVITZ	96	120	86	104	99	121	104	105	109	98	83
4 KARENA	112	87	91	117	94	83	112	98	104	99	97
5 AC RON	99	93	110	96	102	90	98	103	100	106	104
6 OAC ARISS	86	85	96	88	96	103	98	92	93	109	113
7 DELAWARE	89	106	111	99	107	107	92	98	100	97	100
LOCATION MEAN	4.25	3.60	4.50	4.96	4.72	3.01	3.74	3.93	3.74	6.45	7.23

KEY NAME	RN92N	MH92N	ID92N	RN93N	HW94N	RN94N	ID94N	HW95N	WE95N	RN95N	ID95N	MEAN*
1 HARUS	96	105	96	104	90	108	101	103	102	102	96	100
2 REBECCA	100	103	103	98	112	103	104	103	98	99	102	102
3 ZAVITZ	96	94	92	102	105	93	90	107	98	95	98	100
4 KARENA	98	87	101	97	99	102	100	103	110	101	96	100
5 AC RON	108	97	105	101	97	100	108	116	107	105	101	102
6 OAC ARISS	100	108	102	102	99	99	100	92	107	101	104	99
7 DELAWARE	102	107	101	96	99	96	98	74	77	96	104	98
LOCATION MEAN	7.58	6.56	6.07	4.28	5.36	5.08	5.28	5.41	6.34	6.42	5.67	5.19

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 89-95
 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 OAC ARISS	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 OAC ARISS	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
1 HARUS	3.76	4.66	4.03	5.19	6.09	5.17	5.42	5.81	5.48	3.38
2 REBECCA	3.60	4.70	3.65	4.41	6.83	5.25	6.17	6.17	5.55	4.24
3 ZAVITZ	3.92	4.65	3.61	4.24	6.22	4.71	5.29	6.22	5.68	4.28
4 KARENA	3.43	4.53	2.76	4.38	6.30	5.26	5.30	5.98	5.56	4.59
5 AC RON	3.90	4.70	2.95	4.94	6.56	5.41	5.63	6.25	5.64	4.63
6 OAC ARISS	3.51	4.77	2.91	4.41	5.90	5.05	5.83	5.82	5.26	5.21
7 DELAWARE	3.85	4.60	3.51	4.39	6.47	5.28	5.90	6.55	5.13	4.37
LOCATION MEAN	3.71	4.66	3.35	4.57	6.34	5.16	5.65	6.11	5.47	4.39

KEY NAME	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN
1 HARUS	6.50	4.29	4.41	6.04	6.52	7.25	5.49	5.38	5.35
2 REBECCA	6.37	4.48	4.75	6.46	7.13	7.43	5.12	5.28	5.50
3 ZAVITZ	6.03	2.97	4.27	5.96	7.49	6.94	5.31	5.38	5.27
4 KARENA	6.24	3.71	4.81	6.35	6.85	7.56	5.39	5.39	5.39
5 AC RON	6.55	4.57	5.41	6.35	7.43	7.65	5.90	5.55	5.66
6 OAC ARISS	6.20	4.47	4.98	6.14	7.23	7.50	5.46	5.62	5.41
7 DELAWARE	6.63	4.13	4.68	6.41	7.08	7.06	4.79	6.00	5.50
LOCATION MEAN	6.36	4.09	4.76	6.24	7.10	7.34	5.35	5.51	5.44

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 89-95
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

DATA EXPRESSED RELATIVE TO LOCATION MEANS

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 OAC ARISS	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 OAC ARISS	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
1 HARUS	101	100	120	114	96	100	96	95	100	77
2 REBECCA	97	101	109	97	108	102	109	101	101	97
3 ZAVITZ	106	100	108	93	98	91	94	102	104	98
4 KARENA	92	97	82	96	99	102	94	98	102	105
5 AC RON	105	101	88	108	103	105	100	102	103	106
6 OAC ARISS	95	102	87	97	93	98	103	95	96	119
7 DELAWARE	104	99	105	96	102	102	104	107	94	100
LOCATION MEAN	3.71	4.66	3.35	4.57	6.34	5.16	5.65	6.11	5.47	4.39

KEY NAME	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN*
1 HARUS	102	105	93	97	92	99	103	98	99
2 REBECCA	100	110	100	103	100	101	96	96	101
3 ZAVITZ	95	73	90	95	105	95	99	98	97
4 KARENA	98	91	101	102	96	103	101	98	99
5 AC RON	103	112	114	102	105	104	110	101	104
6 OAC ARISS	97	109	105	98	102	102	102	102	99
7 DELAWARE	104	101	98	103	100	96	90	109	101
LOCATION MEAN	6.36	4.09	4.76	6.24	7.10	7.34	5.35	5.51	5.44

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 89-95**
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	O289N	KE90N	KE91N	O193N	KE93N	O194N	KE94N	KE95N	O195N	MEAN
1 HARUS	3.02	3.78	2.61	3.90	5.93	7.32	4.42	4.25	4.97	4.47
2 REBECCA	2.43	4.60	2.53	3.93	6.18	7.05	4.71	4.47	5.51	4.60
3 ZAVITZ	3.02	4.51	3.05	5.12	6.64	7.52	5.06	4.96	5.42	5.03
4 KARENA	3.14	4.78	2.64	4.86	6.14	7.61	5.01	4.46	5.32	4.88
5 AC RON	4.06	4.44	2.44	4.30	6.03	7.68	5.11	4.34	5.55	4.88
6 OAC ARISS	3.93	5.22	2.86	4.96	5.70	6.52	4.29	4.33	5.46	4.81
7 DELAWARE	3.47	5.10	2.75	5.15	5.77	7.09	4.11	4.55	5.46	4.83
LOCATION MEAN	3.30	4.63	2.70	4.60	6.06	7.26	4.67	4.48	5.38	4.79

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O289N	KE90N	KE91N	O193N	KE93N	O194N	KE94N	KE95N	O195N	MEAN*
1 HARUS	92	82	97	85	98	101	95	95	92	93
2 REBECCA	74	99	94	85	102	97	101	100	102	95
3 ZAVITZ	92	97	113	111	110	104	108	111	101	105
4 KARENA	95	103	98	106	101	105	107	100	99	102
5 AC RON	123	96	90	93	100	106	109	97	103	102
6 OAC ARISS	119	113	106	108	94	90	92	97	101	102
7 DELAWARE	105	110	102	112	95	98	88	102	101	101
LOCATION MEAN	3.30	4.63	2.70	4.60	6.06	7.26	4.67	4.48	5.38	4.79

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S): 89-95 +
 MGMT : NORMAL

KEY NAME	AREA 1 (22)*	AREA 2 (38)	AREA 3 (9)	PROVINCE (69)**
1 HARUS	5.18	5.35	4.47	5.18
2 REBECCA	5.29	5.50	4.60	5.31
3 ZAVITZ	5.10	5.27	5.03	5.18
4 KARENA	5.17	5.39	4.88	5.26
5 AC RON	5.33	5.66	4.88	5.46
6 OAC ARISS	5.18	5.41	4.81	5.26
7 DELAWARE	5.07	5.50	4.83	5.28
OVERALL MEAN	5.19	5.44	4.79	5.28

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1 (22)	AREA 2 (38)	AREA 3 (9)	PROVINCE (69)
1 HARUS	99.8	98.8	92.8	98.4
2 REBECCA	102.1	101.0	94.9	100.5
3 ZAVITZ	99.7	96.8	105.1	98.8
4 KARENA	99.5	99.0	101.5	99.5
5 AC RON	102.1	104.0	102.0	103.1
6 OAC ARISS	98.8	99.4	102.2	99.6
7 DELAWARE	98.0	101.0	101.5	100.1
OVERALL MEAN	5.19	5.44	4.79	5.28

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

YEAR(S) : 89-95
 MGMT : NORMAL
 AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	3	5.18	73.3	37	93	1.4	103	154	2.0	3.6	3.4	4.5	2.3	.	2.2	2.0	192
2 REBECCA	2	5.29	72.0	36	84	2.3	100	155	2.6	4.5	2.9	2.4	1.7	.	3.1	4.0	195
3 ZAVITZ	6	5.10	70.9	41	91	2.4	108	156	2.2	1.7	3.0	2.2	1.5	.	1.7	3.0	194
4 KARENA	5	5.17	72.1	36	89	1.8	106	155	1.7	3.1	3.0	3.6	2.0	.	1.9	6.0	194
5 AC RON	1	5.33	71.0	36	90	1.8	106	155	2.6	3.9	2.9	3.2	2.5	.	1.7	5.0	193
6 OAC ARISS	3	5.18	72.8	33	91	2.3	98	156	2.3	4.8	3.8	4.0	1.4	.	2.3	5.0	193
7 DELAWARE	7	5.07	68.9	38	90	4.6	101	157	1.3	4.2	3.1	2.1	2.0	.	2.5	3.0	194
LOCATIONS		22	15	11	3	17	25	22	18	15	6	5	6	0	7	1	1

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.
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S) : 89-95
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	6	5.35	72.9	36	94	1.1	100	161	1.9	4.7	4.1	5.2	2.4	3.3	1.8	3.2	195
2 REBECCA	2	5.50	71.5	36	95	1.9	97	162	2.4	5.1	3.6	1.7	2.7	5.1	2.0	3.3	197
3 ZAVITZ	7	5.27	70.3	40	96	2.4	105	163	2.3	3.3	4.0	2.4	1.8	3.4	2.0	2.8	197
4 KARENA	5	5.39	71.5	35	95	1.5	104	162	1.7	4.5	3.8	3.1	3.0	4.4	2.4	3.6	196
5 AC RON	1	5.66	71.3	36	96	2.1	103	162	2.7	5.1	3.7	2.9	4.4	3.1	2.1	4.4	195
6 OAC ARISS	4	5.41	71.6	33	95	1.7	96	163	2.5	5.8	4.0	3.0	3.7	2.9	1.7	3.2	196
7 DELAWARE	2	5.50	69.4	38	96	4.0	98	164	1.6	5.8	3.6	2.5	3.1	3.5	2.0	3.1	196
LOCATIONS		38	40	38	19	27	38	28	19	9	18	6	3	3	4	5	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.
 1995: NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON.

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

YEAR(S): 89-95**
 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	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	7	4.47	77.5	38	65	1.3	96	166	4.7	8.0	5.5	.	.	.	.	.	.
2 REBECCA	6	4.60	76.5	38	72	1.9	94	167	5.3	8.0	4.0	.	.	.	.	.	.
3 ZAVITZ	1	5.03	75.5	44	74	1.8	100	168	4.8	8.0	5.5	.	.	.	.	.	.
4 KARENA	2	4.88	78.0	38	70	1.4	100	167	3.7	8.0	2.5	.	.	.	.	.	.
5 AC RON	2	4.88	76.4	38	72	1.3	100	167	5.7	8.0	3.0	.	.	.	.	.	.
6 OAC ARISS	5	4.81	78.7	36	73	2.3	94	168	4.0	7.0	6.5	.	.	.	.	.	.
7 DELAWARE	4	4.83	74.8	41	70	3.4	92	169	3.9	8.0	2.0	.	.	.	.	.	.
LOCATIONS		9	13	14	12	6	14	11	2	1	1	0	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.
 1995: KEMPTVILLE, OTTAWA-1.

YEAR(S): 89-95**
 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	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	6	5.18	73.9	36	84	1.2	100	159	2.1	4.2	4.0	4.9	2.3	3.3	2.0	3.0	194
2 REBECCA	2	5.31	72.6	37	86	2.0	97	160	2.6	4.9	3.4	2.0	2.0	5.1	2.7	3.4	197
3 ZAVITZ	6	5.18	71.4	41	88	2.3	105	161	2.4	2.5	3.8	2.3	1.6	3.4	1.8	2.9	196
4 KARENA	4	5.26	72.9	36	86	1.6	104	160	1.8	3.8	3.5	3.4	2.4	4.4	2.1	4.0	195
5 AC RON	1	5.46	72.2	36	87	1.9	103	160	2.8	4.5	3.5	3.0	3.1	3.1	1.8	4.5	195
6 OAC ARISS	4	5.26	73.2	34	87	2.0	96	161	2.5	5.3	4.0	3.5	2.1	2.9	2.1	3.5	195
7 DELAWARE	3	5.28	70.3	39	86	4.1	98	162	1.6	4.9	3.4	2.3	2.3	3.5	2.3	3.1	196
LOCATIONS		69	68	63	34	50	77	61	39	25	25	11	9	3	11	6	5

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

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 91-95
 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 OAC ARISS	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
9 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	HW95N	WE95N	RN95N	ID95N	MEAN
1 HARUS	4.80	5.49	5.32	5.60	6.50	6.57	5.42	5.38
2 REBECCA	6.00	5.23	5.47	5.60	6.20	6.36	5.76	5.50
3 ZAVITZ	5.60	4.73	4.75	5.80	6.20	6.08	5.53	5.30
4 KARENA	5.30	5.17	5.29	5.60	7.00	6.51	5.46	5.39
5 AC RON	5.20	5.07	5.68	6.30	6.80	6.73	5.72	5.60
6 OAC ARISS	5.30	5.03	5.27	5.00	6.80	6.50	5.88	5.53
7 DELAWARE	5.30	4.86	5.17	4.00	4.90	6.17	5.90	5.24
9 DIANA	5.30	5.53	5.18	5.30	6.10	6.27	5.52	5.59
LOCATION MEAN	5.35	5.14	5.27	5.40	6.31	6.40	5.65	5.44

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 OAC ARISS	101	96	92	94	107	112	99	107	102	102
7 DELAWARE	105	91	97	100	95	100	101	107	102	96
9 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	HW95N	WE95N	RN95N	ID95N	MEAN*
1 HARUS	90	107	101	104	103	103	96	99
2 REBECCA	112	102	104	104	98	99	102	101
3 ZAVITZ	105	92	90	107	98	95	98	99
4 KARENA	99	101	100	104	111	102	97	99
5 AC RON	97	99	108	117	108	105	101	102
6 OAC ARISS	99	98	100	93	108	102	104	101
7 DELAWARE	99	95	98	74	78	96	104	96
9 DIANA	99	108	98	98	97	98	98	103
LOCATION MEAN	5.35	5.14	5.27	5.40	6.31	6.40	5.65	5.44

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 91-95
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

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

KEY NAME	NN93N	LN93N	EA93N	HN93N	BH93N	WP94N	NN94N	LN94N	EA94N	HN94N
1 HARUS	5.54	3.76	4.66	4.03	5.19	6.09	5.17	5.42	5.81	5.48
2 REBECCA	5.31	3.60	4.70	3.65	4.41	6.83	5.25	6.17	6.17	5.55
3 ZAVITZ	4.98	3.92	4.65	3.61	4.24	6.22	4.71	5.29	6.22	5.68
4 KARENA	5.43	3.43	4.53	2.76	4.38	6.30	5.26	5.30	5.98	5.56
5 AC RON	5.50	3.90	4.70	2.95	4.94	6.56	5.41	5.63	6.25	5.64
6 OAC ARISS	5.34	3.51	4.77	2.91	4.41	5.90	5.05	5.83	5.82	5.26
7 DELAWARE	5.60	3.85	4.60	3.51	4.39	6.47	5.28	5.90	6.55	5.13
9 DIANA	5.23	3.78	4.48	2.99	5.18	6.38	5.46	6.01	6.27	5.16
LOCATION MEAN	5.37	3.72	4.64	3.30	4.64	6.34	5.20	5.69	6.13	5.43

KEY NAME	BH94N	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN
1 HARUS	3.38	6.50	4.29	4.41	6.04	6.52	7.25	5.49	5.38	5.46
2 REBECCA	4.24	6.37	4.48	4.75	6.46	7.13	7.43	5.12	5.28	5.56
3 ZAVITZ	4.28	6.03	2.97	4.27	5.96	7.49	6.94	5.31	5.38	5.35
4 KARENA	4.59	6.24	3.71	4.81	6.35	6.85	7.56	5.39	5.39	5.45
5 AC RON	4.63	6.55	4.57	5.41	6.35	7.43	7.65	5.90	5.55	5.78
6 OAC ARISS	5.21	6.20	4.47	4.98	6.14	7.23	7.50	5.46	5.62	5.53
7 DELAWARE	4.37	6.63	4.13	4.68	6.41	7.08	7.06	4.79	6.00	5.56
9 DIANA	4.73	6.05	3.91	5.18	6.28	7.19	7.36	4.84	5.49	5.58
LOCATION MEAN	4.43	6.32	4.07	4.81	6.25	7.11	7.34	5.29	5.51	5.53

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 91-95
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

DATA EXPRESSED RELATIVE TO LOCATION MEANS

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

KEY NAME	NN93N	LN93N	EA93N	HN93N	BH93N	WP94N	NN94N	LN94N	EA94N	HN94N
1 HARUS	103	101	101	122	112	96	99	95	95	101
2 REBECCA	99	97	101	111	95	108	101	108	101	102
3 ZAVITZ	93	105	100	109	91	98	91	93	101	105
4 KARENA	101	92	98	84	94	99	101	93	97	102
5 AC RON	102	105	101	89	106	103	104	99	102	104
6 OAC ARISS	100	94	103	88	95	93	97	102	95	97
7 DELAWARE	104	104	99	106	95	102	102	104	107	94
9 DIANA	97	102	97	91	112	101	105	106	102	95
LOCATION MEAN	5.37	3.72	4.64	3.30	4.64	6.34	5.20	5.69	6.13	5.43

KEY NAME	BH94N	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN*
1 HARUS	76	103	106	92	97	92	99	104	98	99
2 REBECCA	96	101	110	99	103	100	101	97	96	100
3 ZAVITZ	97	95	73	89	95	105	95	100	98	97
4 KARENA	104	99	91	100	102	96	103	102	98	98
5 AC RON	105	104	112	112	102	104	104	112	101	104
6 OAC ARISS	118	98	110	104	98	102	102	103	102	100
7 DELAWARE	99	105	102	97	103	100	96	91	109	100
9 DIANA	107	96	96	108	101	101	100	92	100	101
LOCATION MEAN	4.43	6.32	4.07	4.81	6.25	7.11	7.34	5.29	5.51	5.53

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S): 91-95**
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	KE91N	O193N	KE93N	O194N	KE94N	KE95N	O195N	MEAN
1 HARUS	2.61	3.90	5.93	7.32	4.42	4.25	4.97	4.77
2 REBECCA	2.53	3.93	6.18	7.05	4.71	4.47	5.51	4.91
3 ZAVITZ	3.05	5.12	6.64	7.52	5.06	4.96	5.42	5.40
4 KARENA	2.64	4.86	6.14	7.61	5.01	4.46	5.32	5.15
5 AC RON	2.44	4.30	6.03	7.68	5.11	4.34	5.55	5.06
6 OAC ARISS	2.86	4.96	5.70	6.52	4.29	4.33	5.46	4.87
7 DELAWARE	2.75	5.15	5.77	7.09	4.11	4.55	5.46	4.98
9 DIANA	2.82	3.99	6.58	7.59	5.06	4.26	5.46	5.11
LOCATION MEAN	2.71	4.53	6.12	7.30	4.72	4.45	5.39	5.03

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	KE91N	O193N	KE93N	O194N	KE94N	KE95N	O195N	MEAN*
1 HARUS	96	86	97	100	94	95	92	94
2 REBECCA	93	87	101	97	100	100	102	97
3 ZAVITZ	112	113	108	103	107	111	100	108
4 KARENA	97	107	100	104	106	100	99	102
5 AC RON	90	95	99	105	108	97	103	100
6 OAC ARISS	105	110	93	89	91	97	101	98
7 DELAWARE	101	114	94	97	87	102	101	100
9 DIANA	104	88	107	104	107	96	101	101
LOCATION MEAN	2.71	4.53	6.12	7.30	4.72	4.45	5.39	5.03

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 91-95 +
 MGMT : NORMAL

KEY NAME	AREA 1 (17)*	AREA 2 (29)	AREA 3 (7)+	PROVINCE (53)**
1 HARUS	5.38	5.46	4.77	5.34
2 REBECCA	5.50	5.56	4.91	5.45
3 ZAVITZ	5.30	5.35	5.40	5.34
4 KARENA	5.39	5.45	5.15	5.39
5 AC RON	5.60	5.78	5.06	5.63
6 OAC ARISS	5.53	5.53	4.87	5.44
7 DELAWARE	5.24	5.56	4.98	5.38
9 DIANA	5.59	5.58	5.11	5.52
OVERALL MEAN	5.44	5.53	5.03	5.44

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1 (17)	AREA 2 (29)	AREA 3 (7)+	PROVINCE (53)
1 HARUS	98.7	99.3	94.4	98.4
2 REBECCA	101.2	100.4	97.1	100.2
3 ZAVITZ	98.9	96.7	108.0	98.9
4 KARENA	98.9	98.3	102.0	99.0
5 AC RON	102.3	104.4	99.6	103.1
6 OAC ARISS	100.8	100.0	98.1	100.0
7 DELAWARE	96.3	100.3	99.6	99.0
9 DIANA	102.9	100.6	101.1	101.4
OVERALL MEAN	5.44	5.53	5.03	5.44

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

+ THERE ARE NO DATA FOR AREA 3 LOCATIONS IN 1992

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

YEAR(S): 91-95
 MGMT : NORMAL
 AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	6	5.38	73.9	37	93	1.0	102	154	2.0	3.9	4.0	5.0	2.0	.	2.0	.	192
2 REBECCA	4	5.50	72.1	37	84	2.4	99	155	2.7	4.9	3.7	2.3	1.4	.	2.8	.	195
3 ZAVITZ	7	5.30	70.9	42	91	2.7	107	156	2.5	1.8	3.2	2.3	1.2	.	1.4	.	194
4 KARENA	5	5.39	72.6	36	89	2.0	106	154	1.7	3.4	3.2	3.7	1.7	.	1.6	.	194
5 AC RON	1	5.60	71.7	36	90	2.0	106	154	2.6	4.2	3.2	3.3	1.8	.	1.4	.	193
6 OAC ARISS	3	5.53	73.7	34	91	1.7	98	155	2.4	5.0	3.5	3.8	.9	.	2.1	.	193
7 DELAWARE	8	5.24	69.0	38	90	5.2	100	156	1.6	4.5	3.8	2.5	1.6	.	2.1	.	194
9 DIANA	2	5.59	71.5	34	90	1.6	103	155	2.5	3.9	4.0	2.8	1.9	.	1.4	.	193
LOCATIONS		17	10	9	3	12	18	16	12	13	3	3	5	0	6	0	1

YIELD AVERAGES WERE BASED ON DATA FROM:

1991: HARROW, WOODSLEE, RIDGETOWN, MORPETH.

1992: HARROW, WOODSLEE, RIDGETOWN, MORPETH, INWOOD.

1993: RIDGETOWN.

1994: HARROW, RIDGETOWN, INWOOD.

1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S): 91-95
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	6	5.46	72.8	36	92	1.1	101	161	1.4	3.9	4.1	5.2	.7	3.3	1.7	3.2	195
2 REBECCA	3	5.56	71.3	37	94	1.9	97	162	1.8	4.0	3.5	1.7	1.1	5.1	2.4	3.3	197
3 ZAVITZ	8	5.35	70.0	40	95	2.5	106	163	2.1	1.7	4.0	2.4	.7	3.4	2.1	2.8	197
4 KARENA	7	5.45	71.2	35	94	1.4	104	162	1.6	3.3	3.8	3.1	1.5	4.4	2.7	3.6	196
5 AC RON	1	5.78	71.1	36	95	2.0	103	162	2.0	4.0	3.5	2.9	1.3	3.1	2.4	4.4	195
6 OAC ARISS	5	5.53	71.3	33	94	1.5	97	163	2.1	5.2	3.8	3.0	1.2	2.9	2.1	3.2	196
7 DELAWARE	3	5.56	69.2	38	95	3.9	99	164	1.5	5.0	3.7	2.5	1.0	3.5	2.4	3.1	196
9 DIANA	2	5.58	70.1	33	95	1.6	101	163	1.9	2.9	3.9	2.2	1.2	3.9	2.1	3.9	195
LOCATIONS		29	31	31	13	22	30	22	12	6	15	6	1	3	3	5	4

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.

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

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

YEAR(S): 91-95**
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS	8	4.77	77.1	36	75	.7	97	166	2.3	.	.	.	.	.	.	.	.
2 REBECCA	6	4.91	75.6	36	86	1.7	95	167	3.0	.	.	.	.	.	.	.	.
3 ZAVITZ	1	5.40	74.9	43	85	1.3	101	167	2.0	.	.	.	.	.	.	.	.
4 KARENA	2	5.15	77.2	36	80	.7	101	166	.3	.	.	.	.	.	.	.	.
5 AC RON	4	5.06	75.5	36	82	.4	102	166	4.0	.	.	.	.	.	.	.	.
6 OAC ARISS	7	4.87	77.8	34	84	1.5	94	168	1.0	.	.	.	.	.	.	.	.
7 DELAWARE	5	4.98	74.2	40	83	3.6	92	169	.8	.	.	.	.	.	.	.	.
9 DIANA	3	5.11	75.2	33	84	1.8	99	167	1.0	.	.	.	.	.	.	.	.
LOCATIONS		7	9	10	7	3	10	9	1	0	0	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.

1995: KEMPTVILLE, OTTAWA-1.

YEAR(S): 91-95
 MGMT : NORMAL
 AREA(S): 1- 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS	7	5.34	73.8	36	87	1.0	101	159	1.7	3.9	4.1	5.1	1.8	3.3	1.9	3.2	194
2 REBECCA	3	5.45	72.2	36	90	2.1	97	161	2.3	4.6	3.6	1.9	1.4	5.1	2.7	3.3	197
3 ZAVITZ	7	5.34	71.0	41	92	2.5	106	161	2.3	1.8	3.8	2.4	1.1	3.4	1.6	2.8	196
4 KARENA	5	5.39	72.5	36	89	1.5	104	160	1.6	3.4	3.7	3.3	1.6	4.4	2.0	3.6	195
5 AC RON	1	5.63	72.0	36	91	1.9	104	160	2.4	4.2	3.5	3.0	1.8	3.1	1.7	4.4	195
6 OAC ARISS	4	5.44	72.9	33	91	1.6	96	161	2.2	5.0	3.8	3.3	.9	2.9	2.1	3.2	195
7 DELAWARE	6	5.38	70.1	39	91	4.3	98	162	1.5	4.6	3.7	2.5	1.5	3.5	2.2	3.1	196
9 DIANA	2	5.52	71.3	33	91	1.6	101	161	2.2	3.6	3.9	2.4	1.8	3.9	1.6	3.9	195
LOCATIONS		53	50	50	23	37	58	47	25	19	18	9	6	3	9	5	5

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.

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

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 93-95
 AREA : 1

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	RN93N	HW94N	RN94N	ID94N	HW95N	WE95N	RN95N	ID95N	MEAN
1 HARUS	4.45	4.80	5.49	5.32	5.60	6.50	6.57	5.42	5.52
2 REBECCA	4.21	6.00	5.23	5.47	5.60	6.20	6.36	5.76	5.60
3 ZAVITZ	4.36	5.60	4.73	4.75	5.80	6.20	6.08	5.53	5.38
4 KARENA	4.14	5.30	5.17	5.29	5.60	7.00	6.51	5.46	5.56
5 AC RON	4.30	5.20	5.07	5.68	6.30	6.80	6.73	5.72	5.72
6 OAC ARISS	4.38	5.30	5.03	5.27	5.00	6.80	6.50	5.88	5.52
7 DELAWARE	4.10	5.30	4.86	5.17	4.00	4.90	6.17	5.90	5.05
8 CASEY	4.89	5.20	5.57	4.99	6.10	7.20	6.62	5.47	5.76
9 DIANA	4.27	5.30	5.53	5.18	5.30	6.10	6.27	5.52	5.43
LOCATION MEAN	4.34	5.33	5.19	5.24	5.48	6.41	6.42	5.63	5.51

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	RN93N	HW94N	RN94N	ID94N	HW95N	WE95N	RN95N	ID95N	MEAN*
1 HARUS	102	90	106	102	102	101	102	96	100
2 REBECCA	97	113	101	104	102	97	99	102	102
3 ZAVITZ	100	105	91	91	106	97	95	98	98
4 KARENA	95	99	100	101	102	109	101	97	101
5 AC RON	99	97	98	108	115	106	105	102	104
6 OAC ARISS	101	99	97	101	91	106	101	104	100
7 DELAWARE	94	99	94	99	73	76	96	105	92
8 CASEY	113	97	107	95	111	112	103	97	105
9 DIANA	98	99	107	99	97	95	98	98	99
LOCATION MEAN	4.34	5.33	5.19	5.24	5.48	6.41	6.42	5.63	5.51

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S): 93-95
 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 OAC ARISS	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 DIANA	2.78	5.23	3.78	4.48	2.99	5.18	6.38	5.46	6.01	6.27
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	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN
1 HARUS	5.48	3.38	6.50	4.29	4.41	6.04	6.52	7.25	5.49	5.38	5.19
2 REBECCA	5.55	4.24	6.37	4.48	4.75	6.46	7.13	7.43	5.12	5.28	5.29
3 ZAVITZ	5.68	4.28	6.03	2.97	4.27	5.96	7.49	6.94	5.31	5.38	5.06
4 KARENA	5.56	4.59	6.24	3.71	4.81	6.35	6.85	7.56	5.39	5.39	5.15
5 AC RON	5.64	4.63	6.55	4.57	5.41	6.35	7.43	7.65	5.90	5.55	5.43
6 OAC ARISS	5.26	5.21	6.20	4.47	4.98	6.14	7.23	7.50	5.46	5.62	5.23
7 DELAWARE	5.13	4.37	6.63	4.13	4.68	6.41	7.08	7.06	4.79	6.00	5.26
8 CASEY	5.16	4.73	6.83	4.12	4.54	6.52	7.32	7.81	4.84	5.72	5.33
9 DIANA	5.04	4.30	6.05	3.91	5.18	6.28	7.19	7.36	4.84	5.49	5.24
LOCATION MEAN	5.39	4.41	6.38	4.07	4.78	6.28	7.14	7.40	5.24	5.53	5.24

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 OAC ARISS	96	99	94	103	88	95	93	97	102	95
7 DELAWARE	93	104	103	99	106	94	102	102	103	106
8 CASEY	113	103	105	102	102	102	101	100	102	103
9 DIANA	91	97	101	96	90	111	101	105	105	102
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	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN*
1 HARUS	102	77	102	105	92	96	91	98	105	97	100
2 REBECCA	103	96	100	110	99	103	100	100	98	95	101
3 ZAVITZ	105	97	95	73	89	95	105	94	101	97	97
4 KARENA	103	104	98	91	101	101	96	102	103	97	98
5 AC RON	105	105	103	112	113	101	104	103	113	100	103
6 OAC ARISS	98	118	97	110	104	98	101	101	104	102	100
7 DELAWARE	95	99	104	101	98	102	99	95	91	108	100
8 CASEY	94	97	107	101	95	104	103	106	92	103	102
9 DIANA	96	107	95	96	108	100	101	100	92	99	100
LOCATION MEAN	5.39	4.41	6.38	4.07	4.78	6.28	7.14	7.40	5.24	5.53	5.24

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 93-95
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	O193N	KE93N	O194N	KE94N	KE95N	O195N	MEAN
1 HARUS	3.90	5.93	7.32	4.42	4.25	4.97	5.13
2 REBECCA	3.93	6.18	7.05	4.71	4.47	5.51	5.31
3 ZAVITZ	5.12	6.64	7.52	5.06	4.96	5.42	5.79
4 KARENA	4.86	6.14	7.61	5.01	4.46	5.32	5.57
5 AC RON	4.30	6.03	7.68	5.11	4.34	5.55	5.50
6 OAC ARISS	4.96	5.70	6.52	4.29	4.33	5.46	5.21
7 DELAWARE	5.15	5.77	7.09	4.11	4.55	5.46	5.36
8 CASEY	4.23	6.22	7.35	4.79	4.53	5.29	5.40
9 DIANA	3.99	6.58	7.59	5.06	4.26	5.46	5.49
LOCATION MEAN	4.49	6.13	7.30	4.73	4.46	5.38	5.42

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O193N	KE93N	O194N	KE94N	KE95N	O195N	MEAN*
1 HARUS	87	97	100	93	95	92	94
2 REBECCA	87	101	97	100	100	102	98
3 ZAVITZ	114	108	103	107	111	101	107
4 KARENA	108	100	104	106	100	99	103
5 AC RON	96	98	105	108	97	103	101
6 OAC ARISS	110	93	89	91	97	101	97
7 DELAWARE	115	94	97	87	102	101	99
8 CASEY	94	101	101	101	102	98	100
9 DIANA	89	107	104	107	95	101	101
LOCATION MEAN	4.49	6.13	7.30	4.73	4.46	5.38	5.42

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 93-95
 MGMT : NORMAL

KEY NAME	AREA 1 (8)*	AREA 2 (20)	AREA 3 (6)	PROVINCE (34)**
1 HARUS	5.52	5.19	5.13	5.25
2 REBECCA	5.60	5.29	5.31	5.37
3 ZAVITZ	5.38	5.06	5.79	5.27
4 KARENA	5.56	5.15	5.57	5.32
5 AC RON	5.72	5.43	5.50	5.51
6 OAC ARISS	5.52	5.23	5.21	5.29
7 DELAWARE	5.05	5.26	5.36	5.23
8 CASEY	5.76	5.33	5.40	5.44
9 DIANA	5.43	5.24	5.49	5.33
OVERALL MEAN	5.51	5.24	5.42	5.33

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1 (8)*	AREA 2 (20)	AREA 3 (6)	PROVINCE (34)**
1 HARUS	100.3	99.8	94.1	98.9
2 REBECCA	101.9	100.9	97.8	100.6
3 ZAVITZ	97.8	96.7	107.3	98.8
4 KARENA	100.6	97.9	102.9	99.4
5 AC RON	103.8	103.4	101.3	103.1
6 OAC ARISS	100.1	99.7	97.0	99.3
7 DELAWARE	92.1	100.3	99.4	98.2
8 CASEY	104.6	101.7	99.6	102.0
9 DIANA	98.9	99.7	100.7	99.7
OVERALL MEAN	5.51	5.24	5.42	5.33

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

YEAR(S) : 93-95
 MGMT : NORMAL
 AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	5	5.52	72.5	35	.	.5	108	156	2.0	4.1	6.0	7.0	1.4	.	1.6	.	192
2 REBECCA	3	5.60	71.6	35	.	2.4	104	157	2.5	4.8	6.0	2.0	.8	.	3.1	.	195
3 ZAVITZ	8	5.38	70.0	40	.	2.7	112	159	2.4	1.7	4.0	3.0	.6	.	1.6	.	194
4 KARENA	4	5.56	71.7	33	.	1.7	110	157	1.9	3.6	4.0	5.0	.9	.	1.4	.	194
5 AC RON	2	5.72	70.2	33	.	1.6	111	157	2.3	4.3	4.0	5.0	.9	.	1.1	.	193
6 OAC ARISS	5	5.52	72.6	33	.	1.6	101	158	2.2	5.2	6.0	6.0	.3	.	1.8	.	193
7 DELAWARE	9	5.05	67.8	36	.	6.2	106	159	1.3	3.8	6.0	2.0	.6	.	1.9	.	194
8 CASEY	1	5.76	70.8	35	.	2.3	102	156	2.1	1.4	4.0	2.0	1.1	.	1.3	.	190
9 DIANA	7	5.43	70.4	32	.	1.4	107	158	2.4	3.9	6.0	2.0	1.1	.	2.2	.	193
LOCATIONS		8	5	5	0	7	9	8	7	7	1	1	3	0	3	0	1

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: RIDGETOWN.

1994: HARROW, RIDGETOWN, INWOOD.

1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S) : 93-95
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	7	5.19	72.2	35	92	1.3	101	163	1.2	3.6	3.5	4.8	.7	4.0	1.3	3.2	195
2 REBECCA	3	5.29	70.7	36	94	2.4	97	165	1.8	3.7	3.2	1.7	1.1	5.8	1.8	3.3	197
3 ZAVITZ	9	5.06	68.8	40	95	3.0	107	165	2.0	1.3	3.6	2.3	.7	4.3	2.2	2.8	197
4 KARENA	8	5.15	70.4	35	94	1.6	105	165	1.4	2.8	3.3	3.1	1.5	5.7	2.3	3.6	196
5 AC RON	1	5.43	70.3	35	94	2.2	103	164	1.9	3.8	3.1	3.0	1.3	3.7	2.7	4.4	195
6 OAC ARISS	6	5.23	72.0	33	93	1.7	96	165	2.0	4.7	3.4	3.1	1.2	3.3	1.9	3.2	196
7 DELAWARE	4	5.26	68.5	38	94	4.2	98	166	1.4	5.0	3.3	2.5	1.0	3.7	2.3	3.1	196
8 CASEY	2	5.33	70.4	35	94	2.3	97	164	1.6	3.8	3.8	3.7	1.8	3.7	1.4	3.4	194
9 DIANA	5	5.24	69.3	33	94	2.0	101	165	1.7	2.1	3.5	2.6	1.2	4.8	1.9	3.9	195
LOCATIONS		20	22	22	9	16	21	16	11	3	12	5	1	2	2	5	4

YIELD AVERAGES WERE BASED ON DATA FROM:

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

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

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

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S): 94-95
 AREA : 1

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	HW94N	RN94N	ID94N	HW95N	WE95N	RN95N	ID95N	MEAN
1 HARUS	4.80	5.49	5.32	5.60	6.50	6.57	5.42	5.67
2 REBECCA	6.00	5.23	5.47	5.60	6.20	6.36	5.76	5.80
3 ZAVITZ	5.60	4.73	4.75	5.80	6.20	6.08	5.53	5.53
4 KARENA	5.30	5.17	5.29	5.60	7.00	6.51	5.46	5.76
5 AC RON	5.20	5.07	5.68	6.30	6.80	6.73	5.72	5.93
6 OAC ARISS	5.30	5.03	5.27	5.00	6.80	6.50	5.88	5.68
7 DELAWARE	5.30	4.86	5.17	4.00	4.90	6.17	5.90	5.19
8 CASEY	5.20	5.57	4.99	6.10	7.20	6.62	5.47	5.88
9 DIANA	5.30	5.53	5.18	5.30	6.10	6.27	5.52	5.60
10 MARILEE	5.30	5.13	5.53	5.20	5.80	6.16	5.61	5.53
LOCATION MEAN	5.33	5.18	5.27	5.45	6.35	6.40	5.63	5.66

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	HW94N	RN94N	ID94N	HW95N	WE95N	RN95N	ID95N	MEAN*
1 HARUS	90	106	101	103	102	103	96	100
2 REBECCA	113	101	104	103	98	99	102	103
3 ZAVITZ	105	91	90	106	98	95	98	98
4 KARENA	99	100	100	103	110	102	97	102
5 AC RON	98	98	108	116	107	105	102	105
6 OAC ARISS	99	97	100	92	107	102	104	100
7 DELAWARE	99	94	98	73	77	96	105	92
8 CASEY	98	108	95	112	113	103	97	104
9 DIANA	99	107	98	97	96	98	98	99
10 MARILEE	99	99	105	95	91	96	100	98
LOCATION MEAN	5.33	5.18	5.27	5.45	6.35	6.40	5.63	5.66

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S): 94-95
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	NN95N	CA95N	LN95N	WP95N
1 HARUS	6.09	5.17	5.42	5.81	5.48	3.38	6.50	4.29	4.41	6.04
2 REBECCA	6.83	5.25	6.17	6.17	5.55	4.24	6.37	4.48	4.75	6.46
3 ZAVITZ	6.22	4.71	5.29	6.22	5.68	4.28	6.03	2.97	4.27	5.96
4 KARENA	6.30	5.26	5.30	5.98	5.56	4.59	6.24	3.71	4.81	6.35
5 AC RON	6.56	5.41	5.63	6.25	5.64	4.63	6.55	4.57	5.41	6.35
6 OAC ARISS	5.90	5.05	5.83	5.82	5.26	5.21	6.20	4.47	4.98	6.14
7 DELAWARE	6.47	5.28	5.90	6.55	5.13	4.37	6.63	4.13	4.68	6.41
8 CASEY	6.38	5.22	5.83	6.33	5.04	4.30	6.83	4.12	4.54	6.52
9 DIANA	6.38	5.46	6.01	6.27	5.16	4.73	6.05	3.91	5.18	6.28
10 MARILEE	6.60	5.37	5.60	6.35	5.56	4.64	6.42	4.51	5.20	6.43
LOCATION MEAN	6.37	5.22	5.70	6.18	5.41	4.44	6.38	4.12	4.82	6.29

KEY NAME	WK95N	EA95N	GH95N	HN95N	MEAN
1 HARUS	6.52	7.25	5.49	5.38	5.52
2 REBECCA	7.13	7.43	5.12	5.28	5.80
3 ZAVITZ	7.49	6.94	5.31	5.38	5.48
4 KARENA	6.85	7.56	5.39	5.39	5.66
5 AC RON	7.43	7.65	5.90	5.55	5.97
6 OAC ARISS	7.23	7.50	5.46	5.62	5.76
7 DELAWARE	7.08	7.06	4.79	6.00	5.75
8 CASEY	7.32	7.81	4.84	5.72	5.77
9 DIANA	7.19	7.36	4.84	5.49	5.74
10 MARILEE	7.08	7.55	5.65	5.51	5.89
LOCATION MEAN	7.13	7.41	5.28	5.53	5.73

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	NN95N	CA95N	LN95N	WP95N
1 HARUS	96	99	95	94	101	76	102	104	91	96
2 REBECCA	107	101	108	100	103	96	100	109	98	103
3 ZAVITZ	98	90	93	101	105	96	94	72	89	95
4 KARENA	99	101	93	97	103	103	98	90	100	101
5 AC RON	103	104	99	101	104	104	103	111	112	101
6 OAC ARISS	93	97	102	94	97	117	97	109	103	98
7 DELAWARE	102	101	104	106	95	98	104	100	97	102
8 CASEY	100	100	102	103	93	97	107	100	94	104
9 DIANA	100	105	105	102	95	107	95	95	107	100
10 MARILEE	104	103	98	103	103	105	101	110	108	102
LOCATION MEAN	6.37	5.22	5.70	6.18	5.41	4.44	6.38	4.12	4.82	6.29

KEY NAME	WK95N	EA95N	GH95N	HN95N	MEAN*
1 HARUS	91	98	104	97	96
2 REBECCA	100	100	97	95	101
3 ZAVITZ	105	94	101	97	95
4 KARENA	96	102	102	97	99
5 AC RON	104	103	112	100	104
6 OAC ARISS	101	101	103	102	101
7 DELAWARE	99	95	91	108	100
8 CASEY	103	105	92	103	100
9 DIANA	101	99	92	99	100
10 MARILEE	99	102	107	100	103

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S): 94-95
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	O194N	KE94N	KE95N	O195N	MEAN
1 HARUS	7.32	4.42	4.25	4.97	5.24
2 REBECCA	7.05	4.71	4.47	5.51	5.43
3 ZAVITZ	7.52	5.06	4.96	5.42	5.74
4 KARENA	7.61	5.01	4.46	5.32	5.60
5 AC RON	7.68	5.11	4.34	5.55	5.67
6 OAC ARISS	6.52	4.29	4.33	5.46	5.15
7 DELAWARE	7.09	4.11	4.55	5.46	5.30
8 CASEY	7.35	4.79	4.53	5.29	5.49
9 DIANA	7.59	5.06	4.26	5.46	5.59
10 MARILEE	7.74	5.76	4.56	5.13	5.80
LOCATION MEAN	7.35	4.83	4.47	5.36	5.50

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O194N	KE94N	KE95N	O195N	MEAN*
1 HARUS	100	91	95	93	95
2 REBECCA	96	97	100	103	99
3 ZAVITZ	102	105	111	101	105
4 KARENA	104	104	100	99	102
5 AC RON	105	106	97	104	103
6 OAC ARISS	89	89	97	102	94
7 DELAWARE	97	85	102	102	96
8 CASEY	100	99	101	99	100
9 DIANA	103	105	95	102	101
10 MARILEE	105	119	102	96	106
LOCATION MEAN	7.35	4.83	4.47	5.36	5.50

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 94-95
 MGMT : NORMAL

KEY NAME	AREA 1 (7)*	AREA 2 (14)	AREA 3 (4)	PROVINCE (25)**
1 HARUS	5.67	5.52	5.24	5.52
2 REBECCA	5.80	5.80	5.43	5.74
3 ZAVITZ	5.53	5.48	5.74	5.54
4 KARENA	5.76	5.66	5.60	5.68
5 AC RON	5.93	5.97	5.67	5.91
6 OAC ARISS	5.68	5.76	5.15	5.64
7 DELAWARE	5.19	5.75	5.30	5.52
8 CASEY	5.88	5.77	5.49	5.76
9 DIANA	5.60	5.74	5.59	5.68
10 MARILEE	5.53	5.89	5.80	5.78
OVERALL MEAN	5.66	5.73	5.50	5.68

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1 (7)*	AREA 2 (14)	AREA 3 (4)	PROVINCE (25)**
1 HARUS	100.2	96.1	94.7	97.0
2 REBECCA	102.8	101.2	99.1	101.3
3 ZAVITZ	97.7	95.0	104.8	97.3
4 KARENA	101.6	98.7	101.6	100.0
5 AC RON	104.7	104.4	102.7	104.2
6 OAC ARISS	100.2	101.1	94.1	99.7
7 DELAWARE	91.9	100.2	96.3	97.2
8 CASEY	103.7	100.2	99.8	101.1
9 DIANA	99.1	100.1	101.3	100.0
10 MARILEE	98.0	103.1	105.6	102.1
OVERALL MEAN	5.66	5.73	5.50	5.68

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

YEAR(S) : 94-95
 MGMT : NORMAL
 AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	6	5.67	73.0	37	.	.5	109	156	2.2	4.4	6.0	7.0	.2	.	.0	.	192
2 REBECCA	3	5.80	72.5	37	.	2.5	106	157	2.8	5.2	6.0	2.0	1.0	.	2.5	.	195
3 ZAVITZ	8	5.53	70.7	42	.	2.8	115	158	2.6	1.5	4.0	3.0	.1	.	.5	.	194
4 KARENA	4	5.76	72.6	35	.	1.8	112	157	2.2	3.6	4.0	5.0	.3	.	.5	.	194
5 AC RON	1	5.93	71.3	35	.	1.7	113	157	2.5	4.5	4.0	5.0	.4	.	.0	.	193
6 OAC ARISS	5	5.68	73.0	34	.	1.8	102	157	2.4	5.6	6.0	6.0	.2	.	1.0	.	193
7 DELAWARE	10	5.19	68.6	38	.	6.7	108	159	1.3	3.9	6.0	2.0	.4	.	.5	.	194
8 CASEY	2	5.88	70.3	36	.	2.3	104	156	2.3	1.2	4.0	2.0	.0	.	.5	.	190
9 DIANA	7	5.60	71.0	34	.	1.4	109	157	2.4	4.1	6.0	2.0	.4	.	1.5	.	193
10 MARILEE	8	5.53	70.0	38	.	1.3	108	158	2.9	6.0	6.0	2.0	.6	.	1.0	.	195
LOCATIONS		7	4	4	0	6	7	6	6	5	1	1	1	0	2	0	1

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

YEAR(S) : 94-95
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	9	5.52	73.8	38	90	1.2	101	162	1.1	2.2	3.5	4.8	.7	4.0	.	.3	195
2 REBECCA	3	5.80	73.0	39	93	2.8	98	164	1.5	1.8	3.3	1.7	1.1	5.8	.	.8	197
3 ZAVITZ	10	5.48	70.9	42	93	3.0	108	164	1.6	.9	3.6	2.3	.7	4.3	.	1.3	197
4 KARENA	8	5.66	73.0	38	92	1.7	105	163	1.2	1.8	3.4	3.1	1.5	5.7	.	2.1	196
5 AC RON	1	5.97	72.9	38	93	2.1	103	163	1.6	2.3	3.4	3.0	1.3	3.7	.	3.3	195
6 OAC ARISS	5	5.76	74.8	36	91	1.9	96	164	1.7	3.0	3.2	3.1	1.2	3.3	.	.8	196
7 DELAWARE	6	5.75	70.9	41	92	4.7	99	165	1.1	3.3	3.2	2.5	1.0	3.7	.	.3	196
8 CASEY	4	5.77	72.2	38	93	2.6	97	162	1.4	2.5	3.8	3.7	1.8	3.7	.	.5	194
9 DIANA	7	5.74	71.7	35	93	2.5	101	164	1.5	1.1	3.5	2.6	1.2	4.8	.	.8	195
10 MARILEE	2	5.89	71.7	41	92	2.0	99	164	1.6	2.4	3.6	2.8	.7	2.8	.	.0	197
LOCATIONS		14	15	15	7	12	14	11	9	2	8	5	1	2	0	1	4

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

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

YEAR(S): 94-95
 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	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	9	5.24	76.0	35	84	1.0	100	168	2.3	.	.	.	.	.	.	.	.
2 REBECCA	7	5.43	74.9	37	87	2.5	97	169	3.0	.	.	.	.	.	.	.	.
3 ZAVITZ	2	5.74	73.6	43	91	2.0	102	169	2.0	.	.	.	.	.	.	.	.
4 KARENA	4	5.60	76.7	36	83	1.0	101	169	.3	.	.	.	.	.	.	.	.
5 AC RON	3	5.67	74.9	36	89	.6	103	168	4.0	.	.	.	.	.	.	.	.
6 OAC ARISS	10	5.15	77.0	34	86	1.5	93	170	1.0	.	.	.	.	.	.	.	.
7 DELAWARE	8	5.30	73.0	39	90	4.7	96	171	.8	.	.	.	.	.	.	.	.
8 CASEY	6	5.49	76.0	36	83	2.0	94	168	2.0	.	.	.	.	.	.	.	.
9 DIANA	5	5.59	74.1	33	91	2.0	100	169	1.0	.	.	.	.	.	.	.	.
10 MARILEE	1	5.80	73.8	39	87	.6	100	170	6.0	.	.	.	.	.	.	.	.
LOCATIONS		4	4	5	3	2	5	5	1	0	0	0	0	0	0	0	0

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

YEAR(S): 94-95
 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	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	9	5.52	74.1	37	88	1.0	103	162	1.5	3.8	3.8	5.2	.4	4.0	.0	.3	194
2 REBECCA	4	5.74	73.2	38	91	2.7	100	163	2.0	4.2	3.6	1.7	1.0	5.8	2.5	.8	197
3 ZAVITZ	8	5.54	71.3	42	93	2.8	109	164	2.0	1.3	3.6	2.4	.4	4.3	.5	1.3	196
4 KARENA	5	5.68	73.6	37	89	1.7	106	163	1.5	3.1	3.4	3.4	.9	5.7	.5	2.1	195
5 AC RON	1	5.91	72.9	37	91	1.9	106	163	2.1	3.9	3.4	3.4	.8	3.7	.0	3.3	195
6 OAC ARISS	7	5.64	74.8	35	90	1.8	97	164	1.9	4.9	3.5	3.6	.7	3.3	1.0	.8	195
7 DELAWARE	9	5.52	70.9	40	92	5.3	101	165	1.2	3.7	3.5	2.5	.7	3.7	.5	.3	196
8 CASEY	3	5.76	72.5	37	90	2.5	98	162	1.8	1.6	3.8	3.4	.9	3.7	.5	.5	193
9 DIANA	5	5.68	72.0	35	92	2.1	103	163	1.8	3.3	3.8	2.5	.8	4.8	1.5	.8	195
10 MARILEE	2	5.78	71.7	40	90	1.7	101	164	2.4	5.0	3.9	2.7	.6	2.8	1.0	.0	196
LOCATIONS		25	23	24	10	20	26	22	16	7	9	6	2	2	2	1	5

YIELD AVERAGES WERE BASED ON DATA FROM:
 1994: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH,
 KEMPTVILLE, OTTAWA-1.
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, CENTRALIA,
 WOODSTOCK, GUELPH, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR : 95
 AREA : 1

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	HW95N	WE95N	RN95N	ID95N	MEAN
1 HARUS	5.60	6.50	6.57	5.42	6.02
2 REBECCA	5.60	6.20	6.36	5.76	5.98
3 ZAVITZ	5.80	6.20	6.08	5.53	5.90
4 KARENA	5.60	7.00	6.51	5.46	6.14
5 AC RON	6.30	6.80	6.73	5.72	6.39
6 OAC ARISS	5.00	6.80	6.50	5.88	6.05
7 DELAWARE	4.00	4.90	6.17	5.90	5.24
8 CASEY	6.10	7.20	6.62	5.47	6.35
9 DIANA	5.30	6.10	6.27	5.52	5.80
10 MARILEE	5.20	5.80	6.16	5.61	5.69
11 AUGUSTA	4.90	6.20	6.30	5.12	5.63
12 FREEDOM	7.00	7.20	7.33	5.57	6.77
LOCATION MEAN	5.53	6.41	6.47	5.58	6.00

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	HW95N	WE95N	RN95N	ID95N	MEAN*
1 HARUS	101	101	102	97	100
2 REBECCA	101	97	98	103	100
3 ZAVITZ	105	97	94	99	99
4 KARENA	101	109	101	98	102
5 AC RON	114	106	104	103	107
6 OAC ARISS	90	106	101	105	101
7 DELAWARE	72	76	95	106	87
8 CASEY	110	112	102	98	106
9 DIANA	96	95	97	99	97
10 MARILEE	94	91	95	101	95
11 AUGUSTA	89	97	97	92	94
12 FREEDOM	127	112	113	100	113
LOCATION MEAN	5.53	6.41	6.47	5.58	6.00

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR : 95
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN
1 HARUS	6.50	4.29	4.41	6.04	6.52	7.25	5.49	5.38	5.74
2 REBECCA	6.37	4.48	4.75	6.46	7.13	7.43	5.12	5.28	5.88
3 ZAVITZ	6.03	2.97	4.27	5.96	7.49	6.94	5.31	5.38	5.54
4 KARENA	6.24	3.71	4.81	6.35	6.85	7.56	5.39	5.39	5.79
5 AC RON	6.55	4.57	5.41	6.35	7.43	7.65	5.90	5.55	6.18
6 OAC ARISS	6.20	4.47	4.98	6.14	7.23	7.50	5.46	5.62	5.95
7 DELAWARE	6.63	4.13	4.68	6.41	7.08	7.06	4.79	6.00	5.85
8 CASEY	6.83	4.12	4.54	6.52	7.32	7.81	4.84	5.72	5.96
9 DIANA	6.05	3.91	5.18	6.28	7.19	7.36	4.84	5.49	5.79
10 MARILEE	6.42	4.51	5.20	6.43	7.08	7.55	5.65	5.51	6.04
11 AUGUSTA	6.09	4.20	5.13	6.14	7.13	6.99	4.85	5.44	5.75
12 FREEDOM	6.90	4.33	5.51	6.64	7.65	7.70	5.35	5.81	6.24
LOCATION MEAN	6.40	4.14	4.91	6.31	7.17	7.40	5.25	5.55	5.89

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN*
1 HARUS	102	104	90	96	91	98	105	97	98
2 REBECCA	100	108	97	102	99	100	98	95	100
3 ZAVITZ	94	72	87	94	104	94	101	97	93
4 KARENA	97	90	98	101	95	102	103	97	98
5 AC RON	102	110	110	101	104	103	112	100	105
6 OAC ARISS	97	108	102	97	101	101	104	101	101
7 DELAWARE	104	100	95	102	99	95	91	108	99
8 CASEY	107	99	93	103	102	106	92	103	101
9 DIANA	95	94	106	100	100	99	92	99	98
10 MARILEE	100	109	106	102	99	102	108	99	103
11 AUGUSTA	95	101	105	97	99	94	92	98	98
12 FREEDOM	108	105	112	105	107	104	102	105	106
LOCATION MEAN	6.40	4.14	4.91	6.31	7.17	7.40	5.25	5.55	5.89

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR : 95
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	KE95N	O195N	MEAN
1 HARUS	4.25	4.97	4.61
2 REBECCA	4.47	5.51	4.99
3 ZAVITZ	4.96	5.42	5.19
4 KARENA	4.46	5.32	4.89
5 AC RON	4.34	5.55	4.95
6 OAC ARISS	4.33	5.46	4.89
7 DELAWARE	4.55	5.46	5.01
8 CASEY	4.53	5.29	4.91
9 DIANA	4.26	5.46	4.86
10 MARILEE	4.56	5.13	4.85
11 AUGUSTA	4.21	5.47	4.84
12 FREEDOM	4.75	5.41	5.08
LOCATION MEAN	4.47	5.37	4.92

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	KE95N	O195N	MEAN*
1 HARUS	95	93	94
2 REBECCA	100	103	101
3 ZAVITZ	111	101	106
4 KARENA	100	99	99
5 AC RON	97	103	100
6 OAC ARISS	97	102	99
7 DELAWARE	102	102	102
8 CASEY	101	98	100
9 DIANA	95	102	98
10 MARILEE	102	96	99
11 AUGUSTA	94	102	98
12 FREEDOM	106	101	103
LOCATION MEAN	4.47	5.37	4.92

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

TRAIT : YIELD
 YEAR : 95
 MGMT : NORMAL

KEY NAME	AREA 1 (4)*	AREA 2 (8)	AREA 3 (2)	PROVINCE (14)**
1 HARUS	6.02	5.74	4.61	5.66
2 REBECCA	5.98	5.88	4.99	5.78
3 ZAVITZ	5.90	5.54	5.19	5.60
4 KARENA	6.14	5.79	4.89	5.76
5 AC RON	6.39	6.18	4.95	6.06
6 OAC ARISS	6.05	5.95	4.89	5.83
7 DELAWARE	5.24	5.85	5.01	5.55
8 CASEY	6.35	5.96	4.91	5.92
9 DIANA	5.80	5.79	4.86	5.66
10 MARILEE	5.69	6.04	4.85	5.77
11 AUGUSTA	5.63	5.75	4.84	5.58
12 FREEDOM	6.77	6.24	5.08	6.22
OVERALL MEAN	6.00	5.89	4.92	5.78

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1 (4)*	AREA 2 (8)	AREA 3 (2)	PROVINCE (14)**
1 HARUS	100.3	97.6	93.8	97.9
2 REBECCA	99.9	99.9	101.3	100.1
3 ZAVITZ	98.7	93.0	105.9	96.4
4 KARENA	102.2	97.9	99.4	99.4
5 AC RON	106.6	105.4	100.2	105.0
6 OAC ARISS	100.6	101.4	99.2	100.9
7 DELAWARE	87.5	99.2	101.7	96.2
8 CASEY	105.7	100.6	99.9	102.0
9 DIANA	96.7	98.1	98.5	97.8
10 MARILEE	95.1	103.1	98.7	100.2
11 AUGUSTA	93.6	97.8	98.0	96.7
12 FREEDOM	113.0	105.9	103.5	107.6
OVERALL MEAN	6.00	5.89	4.92	5.78

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

YEAR : 95
 MGMT : NORMAL
 AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	6	6.02	72.3	38	.	.3	116	154	2.0	4.0	.	.	.	.	.0	.	192
2 REBECCA	7	5.98	71.5	39	.	2.4	112	155	3.2	5.3	.	.	.	.	2.5	.	195
3 ZAVITZ	8	5.90	69.6	44	.	3.2	121	156	2.5	1.8	.	.	.	.	.5	.	194
4 KARENA	4	6.14	71.3	36	.	1.7	119	155	2.3	4.0	.	.	.	.	.5	.	194
5 AC RON	2	6.39	71.4	37	.	1.3	119	155	3.0	4.5	.	.	.	.	.0	.	193
6 OAC ARISS	5	6.05	71.0	35	.	2.4	110	156	2.5	6.0	.	.	.	.	1.0	.	193
7 DELAWARE	12	5.24	68.1	38	.	7.3	115	157	1.3	4.5	.	.	.	.	.5	.	194
8 CASEY	3	6.35	68.7	38	.	3.0	112	154	2.0	1.0	.	.	.	.	.5	.	190
9 DIANA	9	5.80	69.3	34	.	2.0	116	156	2.5	4.5	.	.	.	.	1.5	.	193
10 MARILEE	10	5.69	69.8	40	.	1.2	114	156	3.5	6.7	.	.	.	.	1.0	.	195
11 AUGUSTA	11	5.63	70.2	36	.	1.8	119	156	3.8	5.5	.	.	.	.	1.0	.	194
12 FREEDOM	1	6.77	72.8	33	.	1.5	109	154	2.2	.7	.	.	.	.	.5	.	195
LOCATIONS		4	2	2	0	4	4	3	3	3	0	0	0	0	2	0	1

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

YEAR : 95
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	11	5.74	73.1	37	95	1.4	106	159	1.1	2.4	4.1	1.6	.	6.0	.	.3	195
2 REBECCA	6	5.88	72.7	38	96	4.0	103	161	1.5	2.5	4.0	.4	.	8.0	.	.8	197
3 ZAVITZ	12	5.54	70.8	42	95	3.2	114	161	1.6	1.3	4.1	.6	.	5.0	.	1.3	197
4 KARENA	8	5.79	72.4	37	94	1.8	111	161	.8	2.5	3.8	.8	.	8.0	.	2.1	196
5 AC RON	2	6.18	72.1	37	95	2.7	109	161	1.5	2.5	4.2	.6	.	6.0	.	3.3	195
6 OAC ARISS	5	5.95	74.2	34	96	2.6	102	162	1.7	4.0	3.9	.6	.	5.3	.	.8	196
7 DELAWARE	7	5.85	70.2	41	95	6.4	102	163	1.2	3.0	3.6	.9	.	3.7	.	.3	196
8 CASEY	4	5.96	72.3	38	95	3.5	102	160	1.2	3.0	3.9	.9	.	4.3	.	.5	194
9 DIANA	8	5.79	71.2	35	95	3.5	105	161	1.6	1.3	4.1	.8	.	6.7	.	.8	195
10 MARILEE	3	6.04	71.3	41	95	2.9	105	162	1.8	2.8	4.2	1.3	.	1.0	.	.0	197
11 AUGUSTA	10	5.75	71.1	36	95	3.8	112	162	2.1	2.8	4.1	.9	.	7.0	.	1.5	196
12 FREEDOM	1	6.24	73.0	35	94	3.0	101	161	1.0	1.5	3.2	1.8	.	4.3	.	.0	196
LOCATIONS		8	9	9	3	7	8	7	6	1	4	1	0	1	0	1	4

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

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

YEAR : 95
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS	12 4.61	73.1	33	81	2.0	97	160	.	.	.	.	.	.	.	.	.
2 REBECCA	4 4.99	72.3	35	82	4.0	93	161	.	.	.	.	.	.	.	.	.
3 ZAVITZ	1 5.19	71.3	40	87	4.0	99	161	.	.	.	.	.	.	.	.	.
4 KARENA	7 4.89	73.8	34	75	2.0	95	161	.	.	.	.	.	.	.	.	.
5 AC RON	5 4.95	72.8	34	88	1.0	100	160	.	.	.	.	.	.	.	.	.
6 OAC ARISS	7 4.89	75.2	32	85	1.0	91	162	.	.	.	.	.	.	.	.	.
7 DELAWARE	3 5.01	70.7	36	86	5.0	93	163	.	.	.	.	.	.	.	.	.
8 CASEY	6 4.91	73.6	34	79	3.0	91	160	.	.	.	.	.	.	.	.	.
9 DIANA	9 4.86	71.6	32	89	4.0	97	161	.	.	.	.	.	.	.	.	.
10 MARILEE	10 4.85	70.8	36	83	1.0	96	162	.	.	.	.	.	.	.	.	.
11 AUGUSTA	11 4.84	72.1	34	87	4.0	101	162	.	.	.	.	.	.	.	.	.
12 FREEDOM	2 5.08	72.2	34	86	3.0	91	160	.	.	.	.	.	.	.	.	.
LOCATIONS		2	2	3	2	1	3	3	0	0	0	0	0	0	0	0

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

YEAR : 95
 MGMT : NORMAL
 AREA(S): 1- 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS	8 5.66	73.0	36	89	1.1	107	158	1.4	3.6	4.1	1.6	.	6.0	.0	.3	194
2 REBECCA	5 5.78	72.4	37	90	3.5	103	160	2.0	4.6	4.0	.4	.	8.0	2.5	.8	197
3 ZAVITZ	10 5.60	70.7	42	92	3.2	113	160	1.9	1.7	4.1	.6	.	5.0	.5	1.3	196
4 KARENA	7 5.76	72.5	36	86	1.8	110	160	1.3	3.6	3.8	.8	.	8.0	.5	2.1	195
5 AC RON	2 6.06	72.1	36	92	2.1	110	159	2.0	4.0	4.2	.6	.	6.0	.0	3.3	195
6 OAC ARISS	4 5.83	73.8	34	91	2.4	102	160	2.0	5.5	3.9	.6	.	5.3	1.0	.8	195
7 DELAWARE	12 5.55	69.9	40	91	6.6	103	161	1.3	4.1	3.6	.9	.	3.7	.5	.3	196
8 CASEY	3 5.92	72.0	37	89	3.3	102	159	1.5	1.5	3.9	.9	.	4.3	.5	.5	193
9 DIANA	8 5.66	71.0	34	92	3.0	106	160	1.9	3.7	4.1	.8	.	6.7	1.5	.8	195
10 MARILEE	6 5.77	71.0	40	90	2.2	105	161	2.3	5.7	4.2	1.3	.	1.0	1.0	.0	196
11 AUGUSTA	11 5.58	71.1	36	91	3.2	112	161	2.7	4.8	4.1	.9	.	7.0	1.0	1.5	196
12 FREEDOM	1 6.22	72.9	34	91	2.5	101	159	1.4	.9	3.2	1.8	.	4.3	.5	.0	196
LOCATIONS		14	13	14	5	12	15	13	9	4	4	1	0	1	2	1

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

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

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	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	5	5.60	.	.	.	.0	117	153	4.0	3.0	.	.	.	.	.0	.	.
2 REBECCA	5	5.60	.	.	.	2.0	114	154	6.0	5.0	.	.	.	.	2.0	.	.
3 ZAVITZ	4	5.80	.	.	.	4.0	120	155	4.0	2.0	.	.	.	.	.0	.	.
4 KARENA	5	5.60	.	.	.	2.0	112	154	5.0	3.0	.	.	.	.	.0	.	.
5 AC RON	2	6.30	.	.	.	3.0	123	153	5.0	3.0	.	.	.	.	.0	.	.
6 OAC ARISS	10	5.00	.	.	.	4.0	114	154	4.0	4.0	.	.	.	.	1.0	.	.
7 DELAWARE	12	4.00	.	.	.	9.0	122	155	3.0	3.0	.	.	.	.	1.0	.	.
8 CASEY	3	6.10	.	.	.	4.0	116	153	4.0	.0	.	.	.	.	1.0	.	.
9 DIANA	8	5.30	.	.	.	1.0	122	154	5.0	3.0	.	.	.	.	.0	.	.
10 MARILEE	9	5.20	.	.	.	1.0	118	154	4.0	5.0	.	.	.	.	2.0	.	.
11 AUGUSTA	11	4.90	.	.	.	3.0	118	154	7.0	4.0	.	.	.	.	.0	.	.
12 FREEDOM	1	7.00	.	.	.	4.0	118	152	4.0	1.0	.	.	.	.	1.0	.	.
MEANS		5.53	.	.	.	3.1	118	154	4.6	3.0	.	.	.	.	.7	.	.

LOCATION - WOODSLEE
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	6	6.50	.	.	.	.0	114	155	.0	3.0	.	.	.	.	.0	.	.
2 REBECCA	7	6.20	.	.	.	1.0	107	156	1.0	4.0	.	.	.	.	3.0	.	.
3 ZAVITZ	7	6.20	.	.	.	3.0	119	157	1.0	2.0	.	.	.	.	1.0	.	.
4 KARENA	3	7.00	.	.	.	.0	116	155	.0	2.0	.	.	.	.	1.0	.	.
5 AC RON	4	6.80	.	.	.	.0	116	155	1.0	4.0	.	.	.	.	.0	.	.
6 OAC ARISS	4	6.80	.	.	.	.0	105	156	1.0	5.0	.	.	.	.	1.0	.	.
7 DELAWARE	12	4.90	.	.	.	9.0	109	157	.0	4.0	.	.	.	.	.0	.	.
8 CASEY	1	7.20	.	.	.	3.0	106	155	.0	1.0	.	.	.	.	.0	.	.
9 DIANA	10	6.10	.	.	.	1.0	109	156	.0	3.0	.	.	.	.	3.0	.	.
10 MARILEE	11	5.80	.	.	.	.0	111	156	3.0	6.0	.	.	.	.	.0	.	.
11 AUGUSTA	7	6.20	.	.	.	.0	118	156	1.0	4.0	.	.	.	.	2.0	.	.
12 FREEDOM	1	7.20	.	.	.	.0	102	153	1.0	.0	.	.	.	.	.0	.	.
MEANS		6.41	.	.	.	1.4	111	156	.8	3.2	.	.	.	.	.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	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	4	6.57	73.8	39	.	.8	121	155	2.0	6.0	.	.	.	.	.	.	192
2 REBECCA	7	6.36	72.1	38	.	5.2	117	156	2.5	7.0	.	.	.	.	.	.	195
3 ZAVITZ	12	6.08	71.1	43	.	4.8	124	157	2.5	1.5	.	.	.	.	.	.	194
4 KARENA	5	6.51	72.3	36	.	3.5	126	156	2.0	7.0	.	.	.	.	.	.	194
5 AC RON	2	6.73	73.1	38	.	1.2	123	156	3.0	6.5	.	.	.	.	.	.	193
6 OAC ARISS	6	6.50	74.4	35	.	3.8	116	157	2.5	9.0	.	.	.	.	.	.	193
7 DELAWARE	10	6.17	67.8	36	.	7.5	118	158	1.0	6.5	.	.	.	.	.	.	194
8 CASEY	3	6.62	71.9	37	.	4.0	116	155	2.0	2.0	.	.	.	.	.	.	190
9 DIANA	9	6.27	71.5	33	.	5.2	121	157	2.5	7.5	.	.	.	.	.	.	193
10 MARILEE	11	6.16	71.1	39	.	3.2	117	158	3.5	9.0	.	.	.	.	.	.	195
11 AUGUSTA	8	6.30	71.2	35	.	4.0	126	158	3.5	8.5	.	.	.	.	.	.	194
12 FREEDOM	1	7.33	74.2	34	.	1.8	112	156	1.5	1.0	.	.	.	.	.	.	195
MEANS		6.46	72.0	37	.	3.8	120	157	2.4	6.0	.	.	.	.	.	.	194

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

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	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	9	7.25	74.2	35	.	2.0	111	165	2.0	.	3.5	.	.	.	.	.	200
2 REBECCA	7	7.43	73.9	37	.	4.0	105	166	2.3	.	4.3	.	.	.	.	.	201
3 ZAVITZ	12	6.94	71.1	40	.	4.0	115	167	2.0	.	3.3	.	.	.	.	.	201
4 KARENA	4	7.56	73.6	37	.	2.5	115	166	1.8	.	3.3	.	.	.	.	.	200
5 AC RON	3	7.65	72.3	34	.	4.8	113	165	2.5	.	3.5	.	.	.	.	.	200
6 OAC ARISS	6	7.50	74.2	32	.	2.8	105	167	3.0	.	3.0	.	.	.	.	.	200
7 DELAWARE	10	7.06	69.9	38	.	7.3	106	168	1.5	.	2.8	.	.	.	.	.	200
8 CASEY	1	7.81	73.6	37	.	3.8	106	166	1.3	.	4.0	.	.	.	.	.	199
9 DIANA	8	7.36	71.1	32	.	4.0	109	166	2.3	.	3.3	.	.	.	.	.	199
10 MARILEE	5	7.55	71.7	39	.	4.3	108	167	3.0	.	3.3	.	.	.	.	.	200
11 AUGUSTA	11	6.99	71.1	34	.	4.3	115	168	3.0	.	3.0	.	.	.	.	.	200
12 FREEDOM	2	7.70	73.0	33	.	4.3	105	166	1.3	.	2.5	.	.	.	.	.	201
MEANS		7.40	72.5	36	.	4.0	109	166	2.1	.	3.3	.	.	.	.	.	200

LOCATION - GUELPH
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	3	5.49	72.9	37	.	2.5	103	160	.5	.	.	.	.	.	.	.	.
2 REBECCA	8	5.12	72.4	37	.	4.5	102	163	1.0	.	.	.	.	.	.	.	.
3 ZAVITZ	7	5.31	69.6	43	.	2.3	111	163	1.3	.	.	.	.	.	.	.	.
4 KARENA	5	5.39	72.1	37	.	3.8	104	161	.8	.	.	.	.	.	.	.	.
5 AC RON	1	5.90	71.7	36	.	4.0	104	161	1.3	.	.	.	.	.	.	.	.
6 OAC ARISS	4	5.46	73.1	34	.	6.3	99	163	1.8	.	.	.	.	.	.	.	.
7 DELAWARE	12	4.79	72.9	41	.	6.8	95	164	.8	.	.	.	.	.	.	.	.
8 CASEY	10	4.84	72.1	40	.	4.3	96	161	.5	.	.	.	.	.	.	.	.
9 DIANA	10	4.84	71.1	35	.	5.0	98	162	1.5	.	.	.	.	.	.	.	.
10 MARILEE	2	5.65	71.4	40	.	3.0	100	164	1.8	.	.	.	.	.	.	.	.
11 AUGUSTA	9	4.85	71.1	37	.	5.8	106	163	1.8	.	.	.	.	.	.	.	.
12 FREEDOM	6	5.35	72.4	33	.	4.5	99	161	.0	.	.	.	.	.	.	.	.
MEANS		5.25	71.9	37	.	4.4	101	162	1.1	.	.	.	.	.	.	.	.

LOCATION - HARRISTON
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	10	5.38	73.3	40	93	.	95	163	1.0	.	2.3	.	.	.	.	.	.
2 REBECCA	12	5.28	73.8	45	95	.	90	165	1.0	.	2.0	.	.	.	.	.	.
3 ZAVITZ	10	5.38	71.8	45	95	.	105	164	1.0	.	3.3	.	.	.	.	.	.
4 KARENA	9	5.39	74.3	42	91	.	100	165	1.0	.	2.0	.	.	.	.	.	.
5 AC RON	5	5.55	73.0	40	95	.	98	164	1.0	.	2.0	.	.	.	.	.	.
6 OAC ARISS	4	5.62	74.9	39	95	.	93	165	1.0	.	2.0	.	.	.	.	.	.
7 DELAWARE	1	6.00	71.4	47	95	.	93	167	1.0	.	2.0	.	.	.	.	.	.
8 CASEY	3	5.72	73.4	42	93	.	93	163	1.0	.	2.3	.	.	.	.	.	.
9 DIANA	7	5.49	72.4	41	91	.	95	165	1.3	.	2.7	.	.	.	.	.	.
10 MARILEE	6	5.51	72.9	46	93	.	95	166	2.3	.	2.7	.	.	.	.	.	.
11 AUGUSTA	8	5.44	73.0	42	91	.	100	166	1.0	.	2.3	.	.	.	.	.	.
12 FREEDOM	2	5.81	74.0	39	94	.	95	164	.7	.	1.7	.	.	.	.	.	.
MEANS		5.55	73.2	42	93	.	96	165	1.1	.	2.3	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

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	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	.	.	74.1	36	91	.	.	.	.	.	.	.	.	6.0	.	.	.
2 REBECCA	.	.	72.1	37	95	.	.	.	.	.	.	.	.	8.0	.	.	.
3 ZAVITZ	.	.	72.7	42	93	.	.	.	.	.	.	.	.	5.0	.	.	.
4 KARENA	.	.	73.1	35	93	.	.	.	.	.	.	.	.	8.0	.	.	.
5 AC RON	.	.	73.3	39	93	.	.	.	.	.	.	.	.	6.0	.	.	.
6 OAC ARISS	.	.	75.8	35	93	.	.	.	.	.	.	.	.	5.3	.	.	.
7 DELAWARE	.	.	71.4	41	93	.	.	.	.	.	.	.	.	3.7	.	.	.
8 CASEY	.	.	73.3	36	93	.	.	.	.	.	.	.	.	4.3	.	.	.
9 DIANA	.	.	73.5	37	94	.	.	.	.	.	.	.	.	6.7	.	.	.
10 MARILEE	.	.	71.9	41	94	.	.	.	.	.	.	.	.	1.0	.	.	.
11 AUGUSTA	.	.	70.7	36	93	.	.	.	.	.	.	.	.	7.0	.	.	.
12 FREEDOM	.	.	74.0	34	93	.	.	.	.	.	.	.	.	4.3	.	.	.
MEANS	.	.	73.0	37	93	.	.	.	.	.	.	.	.	5.4	.	.	.

LOCATION - KEMPTVILLE
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	11	4.25	75.0	27	.	2.0	109	159	.	.	.	.	.	.	.	.	.
2 REBECCA	6	4.47	74.0	35	.	4.0	110	160	.	.	.	.	.	.	.	.	.
3 ZAVITZ	1	4.96	73.0	37	.	4.0	115	160	.	.	.	.	.	.	.	.	.
4 KARENA	7	4.46	76.0	32	.	2.0	113	160	.	.	.	.	.	.	.	.	.
5 AC RON	8	4.34	75.0	29	.	1.0	114	160	.	.	.	.	.	.	.	.	.
6 OAC ARISS	9	4.33	78.0	31	.	1.0	104	160	.	.	.	.	.	.	.	.	.
7 DELAWARE	4	4.55	73.0	36	.	5.0	106	161	.	.	.	.	.	.	.	.	.
8 CASEY	5	4.53	75.0	34	.	3.0	106	160	.	.	.	.	.	.	.	.	.
9 DIANA	10	4.26	73.0	27	.	4.0	110	160	.	.	.	.	.	.	.	.	.
10 MARILEE	3	4.56	72.0	33	.	1.0	110	160	.	.	.	.	.	.	.	.	.
11 AUGUSTA	12	4.21	74.0	31	.	4.0	118	160	.	.	.	.	.	.	.	.	.
12 FREEDOM	2	4.75	74.0	29	.	3.0	106	159	.	.	.	.	.	.	.	.	.
MEANS		4.47	74.3	32	.	2.8	110	160	.	.	.	.	.	.	.	.	.

LOCATION - OTTAWA-1
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	12	4.97	71.2	31	86	.	95	159	.	.	.	.	.	.	.	.	.
2 REBECCA	2	5.51	70.5	33	93	.	94	159	.	.	.	.	.	.	.	.	.
3 ZAVITZ	7	5.42	69.6	41	94	.	105	160	.	.	.	.	.	.	.	.	.
4 KARENA	9	5.32	71.6	31	91	.	96	159	.	.	.	.	.	.	.	.	.
5 AC RON	1	5.55	70.7	32	93	.	99	159	.	.	.	.	.	.	.	.	.
6 OAC ARISS	4	5.46	72.4	28	90	.	91	161	.	.	.	.	.	.	.	.	.
7 DELAWARE	4	5.46	68.4	32	96	.	94	162	.	.	.	.	.	.	.	.	.
8 CASEY	10	5.29	72.2	30	91	.	89	160	.	.	.	.	.	.	.	.	.
9 DIANA	4	5.46	70.1	30	95	.	101	160	.	.	.	.	.	.	.	.	.
10 MARILEE	11	5.13	69.7	34	94	.	98	161	.	.	.	.	.	.	.	.	.
11 AUGUSTA	3	5.47	70.2	32	93	.	101	161	.	.	.	.	.	.	.	.	.
12 FREEDOM	8	5.41	70.3	31	93	.	88	159	.	.	.	.	.	.	.	.	.
MEANS		5.37	70.6	32	92	.	96	160	.	.	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY WHEAT 1995

LOCATION - BEACHBURG
 MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	.	.	.	40	75	.	88	161	.	.	.	.	.	.	.	.	.
2 REBECCA	.	.	.	37	71	.	75	163	.	.	.	.	.	.	.	.	.
3 ZAVITZ	.	.	.	42	80	.	78	163	.	.	.	.	.	.	.	.	.
4 KARENA	.	.	.	38	59	.	75	165	.	.	.	.	.	.	.	.	.
5 AC RON	.	.	.	40	83	.	88	161	.	.	.	.	.	.	.	.	.
6 OAC ARISS	.	.	.	38	79	.	78	166	.	.	.	.	.	.	.	.	.
7 DELAWARE	.	.	.	41	75	.	78	167	.	.	.	.	.	.	.	.	.
8 CASEY	.	.	.	37	67	.	78	161	.	.	.	.	.	.	.	.	.
9 DIANA	.	.	.	40	83	.	80	164	.	.	.	.	.	.	.	.	.
10 MARILEE	.	.	.	42	72	.	80	164	.	.	.	.	.	.	.	.	.
11 AUGUSTA	.	.	.	40	80	.	85	165	.	.	.	.	.	.	.	.	.
12 FREEDOM	.	.	.	43	78	.	80	162	.	.	.	.	.	.	.	.	.
MEANS	.	.	.	40	75	.	80	164	.	.	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1995

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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
SRS	- STEM RUST
MDT	- MATURITY DATE

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

LOCATIONS ABBREVIATIONS

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

Ruby, (TW84BU039):

Fredrick/Priboy. Developed and marketed by W.G. Thompson and Sons Ltd. A high yielding, short strawed, variety with good winter survival. A specialty gluten wheat with good 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 Ltd., Palmerston, Ont. A very high yielding, short strawed variety with good winter survival and good resistance to mildew, leaf rust, and wheat spindle streak mosaic virus. Good milling quality wheat with medium gluten. Suitable for bread making in blends with Canadian Western red springs. Susceptible to glume blotch.

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1995

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR(S) : 92-95
 AREA : 1

KEY NAME	WE92N	RN92N	RN93N	HW94N	RN94N	ID94N	HW95N	WE95N	RN95N	ID95N	MEAN
1 RUBY	6.93	6.88	4.86	5.90	5.40	5.20	6.80	7.20	6.60	5.20	6.10
2 FUNDULEA	7.51	6.42	5.06	5.40	5.36	5.42	7.00	7.20	6.68	5.63	6.17
LOCATION MEAN	7.22	6.65	4.96	5.65	5.38	5.31	6.90	7.20	6.64	5.41	6.13

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WE92N	RN92N	RN93N	HW94N	RN94N	ID94N	HW95N	WE95N	RN95N	ID95N	MEAN*
1 RUBY	96	103	98	104	100	98	99	100	99	96	99
2 FUNDULEA	104	97	102	96	100	102	101	100	101	104	101
LOCATION MEAN	7.22	6.65	4.96	5.65	5.38	5.31	6.90	7.20	6.64	5.41	6.13

TRAIT : YIELD
 YEAR(S) : 92-95
 AREA : 2

KEY NAME	NN92N	WK92N	EA92N	HN92N	WP93N	NN93N	LN93N	EA93N	HN93N	BH93N	WP94N	NN94N
1 RUBY	6.25	7.10	8.59	5.23	3.38	5.51	3.35	4.97	3.38	3.78	6.29	4.82
2 FUNDULEA	5.99	7.98	7.77	4.35	3.57	6.06	3.96	4.66	4.42	4.10	5.54	4.99
LOCATION MEAN	6.12	7.54	8.18	4.79	3.47	5.78	3.65	4.81	3.90	4.32	5.91	4.90

KEY NAME	LN94N	EA94N	HN94N	BH94N	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN
1 RUBY	5.39	5.72	5.27	4.68	6.45	4.22	4.85	6.40	7.53	7.24	4.84	5.39	5.44
2 FUNDULEA	6.01	5.58	5.01	4.27	6.37	4.36	5.39	6.18	6.80	6.72	5.99	5.14	5.50
LOCATION MEAN	5.70	5.65	5.14	4.47	6.41	4.29	5.12	6.29	7.16	6.98	5.41	5.26	5.47

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NN92N	WK92N	EA92N	HN92N	WP93N	NN93N	LN93N	EA93N	HN93N	BH93N	WP94N	NN94N
1 RUBY	102	94	105	109	97	95	92	103	87	88	106	98
2 FUNDULEA	98	106	95	91	103	105	108	97	113	112	94	102
LOCATION MEAN	6.12	7.54	8.18	4.79	3.47	5.78	3.65	4.81	3.90	4.32	5.91	4.90

KEY NAME	LN94N	EA94N	HN94N	BH94N	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN*
1 RUBY	95	101	103	105	101	98	95	102	105	104	89	102	99
2 FUNDULEA	105	99	97	95	99	102	105	98	95	96	111	98	101
LOCATION MEAN	5.70	5.65	5.14	4.47	6.41	4.29	5.12	6.29	7.16	6.98	5.41	5.26	5.47

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1995

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR(S) : 93-95
 AREA : 3

KEY NAME	O193N	KE93N	O194N	KE94N	KE95N	O195N	MEAN
1 RUBY	4.32	4.80	6.76	4.11	3.74	5.25	4.83
2 FUNDULEA	4.17	5.36	7.32	5.03	4.34	5.22	5.24
LOCATION MEAN	4.24	5.08	7.04	4.57	4.04	5.24	5.03

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O193N	KE93N	O194N	KE94N	KE95N	O195N	MEAN*
1 RUBY	102	94	96	90	93	100	96
2 FUNDULEA	98	106	104	110	107	100	104
LOCATION MEAN	4.24	5.08	7.04	4.57	4.04	5.23	5.03

TRAIT : YIELD
 YEAR(S) : 92-95+
 MGMT : NORMAL

KEY NAME	AREA 1 (10)**	AREA 2 (24)	AREA 3 (6)	PROVINCE (40)***
1 RUBY	6.10	5.44	4.83	5.51
2 FUNDULEA	6.17	5.50	5.24	5.63
OVERALL MEAN	6.13	5.47	5.03	5.57

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1 (10)*	AREA 2 (24)	AREA 3 (6)	PROVINCE (40)**
1 RUBY	99.4	99.0	95.8	98.6
2 FUNDULEA	100.6	101.0	104.2	101.4
OVERALL MEAN	6.13	5.47	5.03	5.57

- + THERE ARE NO DATA FOR AREA 3 IN 1992
 * MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS
 ** # OF LOCATIONS
 *** AVERAGE ACROSS LOCATIONS

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ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1995

YEAR(S): 92-95
MGMT : NORMAL
AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	2	6.10	77.0	38	90	1.0	102	156	3.3	.5	6.0	2.0	.8	.	1.7	.	191
2 FUNDULEA	1	6.17	77.0	35	89	.1	98	158	2.9	.5	7.0	6.0	.7	.	.5	.	193
LOCATIONS		10	6	6	2	9	11	10	7	7	1	1	3	0	3	0	1

YIELD AVERAGES WERE BASED ON DATA FROM: 1992: WOODSLEE, RIDGETOWN. 1993: RIDGETOWN.
1994: HARROW, RIDGETOWN, INWOOD. 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S): 92-95
MGMT : NORMAL
AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	2	5.44	74.5	36	94	1.7	96	163	3.3	1.2	3.6	2.9	1.2	3.7	3.0	2.9	195
2 FUNDULEA	1	5.50	75.6	34	94	.7	94	165	2.0	.8	3.3	4.9	.5	1.3	2.2	1.0	196
LOCATIONS		24	26	26	11	18	25	20	12	4	14	6	1	3	3	5	4

YIELD AVERAGES WERE BASED ON DATA FROM: 1992: NAIRN, WOODSTOCK, ELORA, HARRISTON.
1993: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.
1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH,
1995: NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON.

YEAR(S): 92-95
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	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	2	4.83	79.7	38	89	1.1	95	167	6.0	.	.	.	.	.	.	.	.
2 FUNDULEA	1	5.24	80.5	37	83	1.0	90	169	.8	.	.	.	.	.	.	.	.
LOCATIONS		6	8	9	6	3	9	8	1	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM: NO YIELD DATA FOR AREA 3 LOCATIONS IN 1992.
1993: KEMPTVILLE, OTTAWA-1. 1994: KEMPTVILLE, OTTAWA-1. 1995: KEMPTVILLE, OTTAWA-1.

YEAR(S): 92-95
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	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	2	5.51	75.9	37	92	1.4	97	162	3.4	.8	3.7	2.8	.9	3.7	2.4	2.9	194
2 FUNDULEA	1	5.63	76.8	34	90	.6	94	164	2.2	.6	3.6	5.1	.6	1.3	1.3	1.0	196
LOCATIONS		40	40	41	19	30	45	38	20	11	15	7	4	3	6	5	5

YIELD AVERAGES WERE BASED ON DATA FROM:
1992: WOODSLEE, RIDGETOWN, NAIRN, WOODSTOCK, ELORA, HARRISTON.
1993: RIDGETOWN, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH, KEMPTVILLE, OTTAWA-1.
1994: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH,
KEMPTVILLE, OTTAWA-1.
1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, CENTRALIA,

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1995

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
YEAR : 95

AREA : 1

KEY NAME	HW95N	WE95N	RN95N	ID95N	MEAN
1 RUBY	6.80	7.20	6.60	5.20	6.45
2 FUNDULEA	7.00	7.20	6.68	5.63	6.63
LOCATION MEAN	6.90	7.20	6.64	5.41	6.54

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	HW95N	WE95N	RN95N	ID95N	MEAN*
1 RUBY	99	100	99	96	98
2 FUNDULEA	101	100	101	104	102
LOCATION MEAN	6.90	7.20	6.64	5.41	6.54

AREA : 2

KEY NAME	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN
1 RUBY	6.45	4.22	4.85	6.40	7.53	7.24	4.84	5.39	5.87
2 FUNDULEA	6.37	4.36	5.39	6.18	6.80	6.72	5.99	5.14	5.87
LOCATION MEAN	6.41	4.29	5.12	6.29	7.16	6.98	5.41	5.26	5.87

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN*
1 RUBY	101	98	95	102	105	104	89	102	100
2 FUNDULEA	99	102	105	98	95	96	111	98	100
LOCATION MEAN	6.41	4.29	5.12	6.29	7.16	6.98	5.41	5.26	5.87

AREA : 3

KEY NAME	KE95N	O195N	MEAN
1 RUBY	3.74	5.25	4.49
2 FUNDULEA	4.34	5.22	4.78
LOCATION MEAN	4.04	5.24	4.64

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	KE95N	O195N	MEAN*
1 RUBY	93	100	96
2 FUNDULEA	107	100	104

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1995

TRAIT : YIELD
 YEAR : 95
 MGMT : NORMAL

KEY NAME	AREA 1 (4)*	AREA 2 (8)	AREA 3 (2)	PROVINCE (14)**
1 RUBY	6.45	5.87	4.49	5.84
2 FUNDULEA	6.63	5.87	4.78	5.93
OVERALL MEAN	6.54	5.87	4.64	5.88

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1 (4)*	AREA 2 (8)	AREA 3 (2)	PROVINCE (14)**
1 RUBY	98.5	99.5	96.4	98.8
2 FUNDULEA	101.5	100.5	103.6	101.2
OVERALL MEAN	6.54	5.87	4.64	5.88

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1995

YEAR : 95
 MGMT : NORMAL
 AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	2	6.45	77.2	39	.	.3	112	154	3.7	.2	.	.	.	.	1.0	.	191
2 FUNDULEA	1	6.63	76.9	34	.	.2	108	155	3.7	.2	.	.	.	.	.0	.	193
LOCATIONS		4	2	2	0	4	4	3	3	3	0	0	0	0	2	0	1

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

YEAR : 95
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	1	5.87	76.5	37	96	2.4	105	160	2.4	.3	3.8	.8	.	8.0	.	.0	195
2 FUNDULEA	1	5.87	76.9	34	97	1.3	103	163	2.2	.0	3.6	1.3	.	1.0	.	.0	196
LOCATIONS		8	9	9	3	7	8	7	6	1	4	1	0	1	0	1	4

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

YEAR : 95
 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	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	2	4.49	76.7	33	89	3.0	96	159	.	.	.	.	.	.	.	.	.
2 FUNDULEA	1	4.78	77.7	32	84	3.0	92	162	.	.	.	.	.	.	.	.	.
LOCATIONS		2	2	3	2	1	3	3	0	0	0	0	0	0	0	0	0

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

YEAR : 95
 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	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	2	5.84	76.6	36	93	1.8	105	158	2.8	.2	3.8	.8	.	8.0	1.0	.0	194
2 FUNDULEA	1	5.93	77.0	33	92	1.1	102	161	2.7	.1	3.6	1.3	.	1.0	.0	.0	196
LOCATIONS		14	13	14	5	12	15	13	9	4	4	1	0	1	2	1	5

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

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1995

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	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	2	6.80	.	.	.	1.0	112	152	6.0	.0	.	.	.	.	.	.0	.
2 FUNDULEA	1	7.00	.	.	.	.0	111	154	6.0	.0	.	.	.	.	.	.0	.
MEANS		6.90	.	.	.	.5	112	153	6.0	.	.	.	.	.	.	.	.

LOCATION - WOODSLEE
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	1	7.20	.	.	.	.0	108	155	2.0	.0	.	.	.	.	2.0	.	.
2 FUNDULEA	1	7.20	.	.	.	.0	103	155	2.0	.0	.	.	.	.	.0	.	.
MEANS		7.20	.	.	.	.	106	155	2.0	.	.	.	.	.	1.0	.	.

LOCATION - RIDGETOWN
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	2	6.60	78.7	40	.	.2	116	155	3.0	.5	.	.	.	.	.	.	191
2 FUNDULEA	1	6.68	78.1	33	.	.8	114	157	3.0	.5	.	.	.	.	.	.	193
MEANS		6.64	78.4	37	.	.5	115	156	3.0	.5	.	.	.	.	.	.	192

LOCATION - INWOOD
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	2	5.20	75.7	38	.	.0	111	.	.	.	.	.	.	.	.	.	.
2 FUNDULEA	1	5.63	75.8	34	.	.0	104	.	.	.	.	.	.	.	.	.	.
MEANS		5.41	75.8	36	.	.	108	.	.	.	.	.	.	.	.	.	.

LOCATION - NAIRN
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	1	6.45	76.5	36	.	2.8	104	155	.	.3	6.9	.8	.	.	.	.	.0 190
2 FUNDULEA	2	6.37	77.1	32	.	3.1	99	158	.	.0	6.5	1.3	.	.	.	.	.0 194
MEANS		6.41	76.8	34	.	3.0	102	157	.	.2	6.7	1.1	.	.	.	.	192

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

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1995

LOCATION - CENTRALIA
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
	RK	T/HA																
1 RUBY	2	4.22	72.9	32	.	5.0	108	156	1.0	.	.	.	.	.	.	.	.	193
2 FUNDULEA	1	4.36	75.2	32	.	.0	106	158	1.0	.	.	.	.	.	.	.	.	195
MEANS		4.29	74.1	32	.	2.5	107	157	1.0	.	.	.	.	.	.	.	.	194

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	SRS 0-9	MDT *	
	RK	T/HA																
1 RUBY	2	4.85	76.1	36	.	1.0	114	.	.	.	.	.	.	.	.	.	.	.
2 FUNDULEA	1	5.39	77.1	33	.	.7	112	.	.	.	.	.	.	.	.	.	.	.
MEANS		5.12	76.6	34	.	.9	113	.	.	.	.	.	.	.	.	.	.	.

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	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	1	6.40	77.7	42	99	3.0	109	160	6.0	.	3.1	.	.	.	.	.	.
2 FUNDULEA	2	6.18	78.7	39	98	3.8	108	162	4.0	.	3.0	.	.	.	.	.	.
MEANS		6.29	78.2	41	99	3.4	109	161	5.0	.	3.1	.	.	.	.	.	.

LOCATION - WOODSTOCK
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	1	7.53	77.3	38	.	.0	103	159	2.0	.	.	.	.	.	.	.	195
2 FUNDULEA	2	6.80	76.1	31	.	.0	99	161	2.0	.	.	.	.	.	.	.	196
MEANS		7.17	76.7	35	.	.	101	160	2.0	.	.	.	.	.	.	.	196

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	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	1	7.24	77.3	38	.	2.5	108	166	3.8	.	3.0	.	.	.	.	.	200
2 FUNDULEA	2	6.72	73.6	29	.	.8	103	168	2.5	.	2.0	.	.	.	.	.	200
MEANS		6.98	75.5	34	.	1.6	105	167	3.1	.	2.5	.	.	.	.	.	200

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1995

LOCATION - GUELPH
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	2	4.84	75.7	35	.	2.8	102	160	.8	.	.	.	.	.	.	.	.
2 FUNDULEA	1	5.99	77.6	34	.	.8	100	164	1.8	.	.	.	.	.	.	.	.
MEANS		5.41	76.7	35	.	1.8	101	162	1.3	.	.	.	.	.	.	.	.

LOCATION - HARRISTON
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	1	5.39	76.7	40	95	.	95	163	1.0	.	2.0	.	.	.	.	.	.
2 FUNDULEA	2	5.14	78.3	38	95	.	93	167	2.0	.	3.0	.	.	.	.	.	.
MEANS		5.27	77.5	39	95	.	94	165	1.5	.	2.5	.	.	.	.	.	.

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	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	.	.	78.0	34	95	.	.	.	.	.	.	.	.	8.0	.	.	.
2 FUNDULEA	.	.	78.5	36	98	.	.	.	.	.	.	.	.	1.0	.	.	.
MEANS		.	78.2	35	96	.	.	.	.	.	.	.	.	4.5	.	.	.

LOCATION - KEMPTVILLE
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	2	3.74	78.0	29	.	3.0	106	159	.	.	.	.	.	.	.	.	.
2 FUNDULEA	1	4.34	78.0	27	.	3.0	103	160	.	.	.	.	.	.	.	.	.
MEANS		4.04	78.0	28	.	3.0	105	160	.	.	.	.	.	.	.	.	.

LOCATION - OTTAWA-1
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	1	5.25	75.3	31	94	.	103	158	.	.	.	.	.	.	.	.	.
2 FUNDULEA	2	5.22	77.4	31	95	.	94	163	.	.	.	.	.	.	.	.	.
MEANS		5.24	76.3	31	95	.	99	161	.	.	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL RED WHEAT 1995

LOCATION - BEACHBURG
 MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 RUBY	.	.	.	39	84	.	80	161	.	.	.	.	.	.	.	.	.
2 FUNDULEA	.	.	.	37	73	.	78	164	.	.	.	.	.	.	.	.	.
MEANS	.	.	.	38	78	.	79	163	.	.	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

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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
SRS	-	STEM RUST
MDT	-	MATURITY DATE

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

LOCATIONS ABBREVIATIONS

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TEST DETAILS (GRAIN YIELD)

AREA	LOCATION	MEAN (G M-2)	REPS	ERROR SS	ERROR DF	ERROR MS	C.V. %
1	HARROW	574	4	172904	39	4433	11.6
1	WOODSLEE	652	4	293267	39	7520	13.3
1	RIDGETOWN	649	4	26944	39	691	4.05
1	INWOOD	556	6	39078	65	601	4.41
2	NAIRN	640	4	76797	39	1969	6.93
2	CENTRALIA	416	6	146187	65	2249	11.4
2	LONDON	494	3	21937	26	843	5.88
2	WINTHROP	631	4	43958	39	1127	5.32
2	WOODSTOCK	717	4	97014	37	2622	7.1
2	ELORA	734	4	56815	39	1468	5.2
2	GUELPH	527	4	128452	39	3294	10.89
2	HARRISTON	551	4	11674	39	299	3.14
3	KEMPTVILLE	441	4	24556	39	630	5.69
3	OTTAWA	535	4	29034	39	744	5.1

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995
 MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

TRAIT : YIELD
 YEAR(S) : 93-95
 MGMT : NORMAL

KEY NAME	AREA 1 (8)*	AREA 2 (20)	AREA 3 (6)	PROVINCE (34)**
1 HARUS	98.8	99.6	95.4	98.7
2 REBECCA	100.5	100.8	99.1	100.4
3 ZAVITZ	96.4	96.5	108.8	98.7
4 KARENA	99.2	97.8	104.2	99.2
5 AC RON	102.3	103.3	102.6	102.9
6 OAC ARISS	98.7	99.6	98.2	99.2
7 DELAWARE	90.9	100.2	100.6	98.1
8 CASEY	103.0	101.5	100.9	101.8
9 RUBY	105.6	98.7	90.3	98.8
10 FUNDULEA	106.9	102.4	98.1	102.7
11 DIANA	97.5	99.6	102.0	99.5
OVERALL MEAN	5.58	5.24	5.35	5.34

TRAIT : YIELD
 YEAR(S) : 94-95
 MGMT : NORMAL

KEY NAME	AREA 1 (7)*	AREA 2 (14)	AREA 3 (4)	PROVINCE (25)**
1 HARUS	99.0	96.4	95.6	97.0
2 REBECCA	101.6	101.5	100.0	101.3
3 ZAVITZ	96.5	95.2	105.8	97.3
4 KARENA	100.4	99.0	102.5	100.0
5 AC RON	103.4	104.7	103.7	104.1
6 OAC ARISS	99.1	101.3	94.9	99.7
7 DELAWARE	91.0	100.5	97.2	97.3
8 CASEY	102.4	100.5	100.7	101.1
9 RUBY	105.4	98.8	90.5	99.3
10 FUNDULEA	106.3	98.5	100.5	101.0
11 DIANA	98.0	100.4	102.2	100.0
12 MARILEE	96.9	103.3	106.5	102.1
OVERALL MEAN	5.73	5.72	5.45	5.68

TRAIT : YIELD
 YEAR : 95
 MGMT : NORMAL

KEY NAME	AREA 1 (4)*	AREA 2 (8)	AREA 3 (2)	PROVINCE (14)**
1 HARUS	99.0	97.6	94.6	97.6
2 REBECCA	98.6	99.9	102.2	99.9
3 ZAVITZ	97.4	93.0	106.9	96.2
4 KARENA	100.9	97.9	100.3	99.1
5 AC RON	105.2	105.4	101.1	104.7
6 OAC ARISS	99.4	101.4	100.1	100.6
7 DELAWARE	86.5	99.2	102.6	96.1
8 CASEY	104.3	100.6	100.8	101.7
9 RUBY	106.1	99.4	91.4	100.2
10 FUNDULEA	109.2	100.6	98.0	102.7
11 DIANA	95.5	98.1	99.3	97.5
12 MARILEE	93.9	103.1	99.6	100.0
13 AUGUSTA	92.5	97.8	98.8	96.4
14 FREEDOM	111.4	105.9	104.4	107.3
OVERALL MEAN	6.07	5.89	4.88	5.80

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 93-95
 AREA : 1

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	RN93N	HW94N	RN94N	ID94N	HW95N	WE95N	RN95N	ID95N	MEAN
1 HARUS	4.45	4.80	5.49	5.32	5.60	6.50	6.57	5.42	5.52
2 REBECCA	4.21	6.00	5.23	5.47	5.60	6.20	6.36	5.76	5.60
3 ZAVITZ	4.36	5.60	4.73	4.75	5.80	6.20	6.08	5.53	5.38
4 KARENA	4.14	5.30	5.17	5.29	5.60	7.00	6.51	5.46	5.56
5 AC RON	4.30	5.20	5.07	5.68	6.30	6.80	6.73	5.72	5.72
6 OAC ARISS	4.38	5.30	5.03	5.27	5.00	6.80	6.50	5.88	5.52
7 DELAWARE	4.10	5.30	4.86	5.17	4.00	4.90	6.17	5.90	5.05
8 CASEY	4.89	5.20	5.57	4.99	6.10	7.20	6.62	5.47	5.76
9 RUBY	4.86	5.90	5.40	5.20	6.80	7.20	6.60	5.20	5.89
10 FUNDULEA	5.06	5.40	5.36	5.42	7.00	7.20	6.68	5.63	5.97
11 DIANA	4.27	5.30	5.53	5.18	5.30	6.10	6.27	5.52	5.43
LOCATION MEAN	4.46	5.39	5.22	5.25	5.74	6.55	6.46	5.59	5.58

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	RN93N	HW94N	RN94N	ID94N	HW95N	WE95N	RN95N	ID95N	MEAN*
1 HARUS	100	89	105	101	98	99	102	97	99
2 REBECCA	94	111	100	104	98	95	98	103	100
3 ZAVITZ	98	104	91	90	101	95	94	99	96
4 KARENA	93	98	99	101	98	107	101	98	99
5 AC RON	96	96	97	108	110	104	104	102	102
6 OAC ARISS	98	98	96	100	87	104	101	105	99
7 DELAWARE	92	98	93	98	70	75	95	106	91
8 CASEY	110	96	107	95	106	110	102	98	103
9 RUBY	109	109	103	99	119	110	102	93	106
10 FUNDULEA	114	100	103	103	122	110	103	101	107
11 DIANA	96	98	106	99	92	93	97	99	97
LOCATION MEAN	4.46	5.39	5.22	5.25	5.74	6.55	6.46	5.59	5.58

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 93-95
 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 OAC ARISS	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 DIANA	2.78	5.23	3.78	4.48	2.99	5.18	6.38	5.46	6.01	6.27
LOCATION MEAN	3.13	5.46	3.72	4.68	3.42	4.59	6.27	5.15	5.71	6.06

KEY NAME	HN94N	BH94N	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN
1 HARUS	5.48	3.38	6.50	4.29	4.41	6.04	6.52	7.25	5.49	5.38	5.19
2 REBECCA	5.55	4.24	6.37	4.48	4.75	6.46	7.13	7.43	5.12	5.28	5.29
3 ZAVITZ	5.68	4.28	6.03	2.97	4.27	5.96	7.49	6.94	5.31	5.38	5.06
4 KARENA	5.56	4.59	6.24	3.71	4.81	6.35	6.85	7.56	5.39	5.39	5.15
5 AC RON	5.64	4.63	6.55	4.57	5.41	6.35	7.43	7.65	5.90	5.55	5.43
6 OAC ARISS	5.26	5.21	6.20	4.47	4.98	6.14	7.23	7.50	5.46	5.62	5.23
7 DELAWARE	5.13	4.37	6.63	4.13	4.68	6.41	7.08	7.06	4.79	6.00	5.26
8 CASEY	5.04	4.30	6.83	4.12	4.54	6.52	7.32	7.81	4.84	5.72	5.33
9 RUBY	5.27	4.68	6.45	4.22	4.85	6.40	7.53	7.24	4.84	5.39	5.17
10 FUNDULEA	5.01	4.27	6.37	4.36	5.39	6.18	6.80	6.72	5.99	5.14	5.29
11 DIANA	5.16	4.73	6.05	3.91	5.18	6.28	7.19	7.36	4.84	5.49	5.24
LOCATION MEAN	5.34	4.43	6.38	4.11	4.84	6.28	7.14	7.32	5.27	5.49	5.24

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 93-95
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WP93N	NN93N	LN93N	EA93N	HN93N	BH93N	WP94N	NN94N	LN94N	EA94N
1 HARUS	105	102	101	100	118	113	97	100	95	96
2 REBECCA	93	97	97	100	107	96	109	102	108	102
3 ZAVITZ	99	91	105	99	106	92	99	92	93	103
4 KARENA	101	100	92	97	81	95	100	102	93	99
5 AC RON	97	101	105	100	86	108	105	105	99	103
6 OAC ARISS	94	98	94	102	85	96	94	98	102	96
7 DELAWARE	90	103	103	98	103	96	103	103	103	108
8 CASEY	110	101	105	101	99	103	102	101	102	104
9 RUBY	108	101	90	106	99	82	100	94	94	94
10 FUNDULEA	114	111	106	100	129	106	88	97	105	92
11 DIANA	89	96	101	96	87	113	102	106	105	103
LOCATION MEAN	3.13	5.46	3.72	4.68	3.42	4.59	6.27	5.15	5.71	6.06

KEY NAME	HN94N	BH94N	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN*
1 HARUS	103	76	102	104	91	96	91	99	104	98	100
2 REBECCA	104	96	100	109	98	103	100	102	97	96	101
3 ZAVITZ	106	97	94	72	88	95	105	95	101	98	97
4 KARENA	104	104	98	90	99	101	96	103	102	98	98
5 AC RON	106	105	103	111	112	101	104	105	112	101	103
6 OAC ARISS	98	118	97	109	103	98	101	102	104	102	100
7 DELAWARE	96	99	104	100	97	102	99	96	91	109	100
8 CASEY	94	97	107	100	94	104	102	107	92	104	102
9 RUBY	99	106	101	103	100	102	105	99	92	98	99
10 FUNDULEA	94	96	100	106	111	98	95	92	114	94	102
11 DIANA	97	107	95	95	107	100	101	101	92	100	100
LOCATION MEAN	5.34	4.43	6.38	4.11	4.84	6.28	7.14	7.32	5.27	5.49	5.24

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR(S): 93-95
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	O193N	KE93N	O194N	KE94N	KE95N	O195N	MEAN
1 HARUS	3.90	5.93	7.32	4.42	4.25	4.97	5.13
2 REBECCA	3.93	6.18	7.05	4.71	4.47	5.51	5.31
3 ZAVITZ	5.12	6.64	7.52	5.06	4.96	5.42	5.79
4 KARENA	4.86	6.14	7.61	5.01	4.46	5.32	5.57
5 AC RON	4.30	6.03	7.68	5.11	4.34	5.55	5.50
6 OAC ARISS	4.96	5.70	6.52	4.29	4.33	5.46	5.21
7 DELAWARE	5.15	5.77	7.09	4.11	4.55	5.46	5.36
8 CASEY	4.23	6.22	7.35	4.79	4.53	5.29	5.40
9 RUBY	4.32	4.80	6.76	4.11	3.74	5.25	4.83
10 FUNDULEA	4.17	5.36	7.32	5.03	4.34	5.22	5.24
11 DIANA	3.99	6.58	7.59	5.06	4.26	5.46	5.49
LOCATION MEAN	4.45	5.94	7.26	4.70	4.38	5.36	5.35

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O193N	KE93N	O194N	KE94N	KE95N	O195N	MEAN*
1 HARUS	88	100	101	94	97	93	95
2 REBECCA	88	104	97	100	102	103	99
3 ZAVITZ	115	112	104	108	113	101	109
4 KARENA	109	103	105	107	102	99	104
5 AC RON	97	101	106	109	99	104	103
6 OAC ARISS	112	96	90	91	99	102	98
7 DELAWARE	116	97	98	87	104	102	101
8 CASEY	95	105	101	102	103	99	101
9 RUBY	97	81	93	87	85	98	90
10 FUNDULEA	94	90	101	107	99	97	98
11 DIANA	90	111	105	108	97	102	102
LOCATION MEAN	4.45	5.94	7.26	4.70	4.38	5.36	5.35

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 93-95
 MGMT : NORMAL

KEY NAME	AREA 1 (8)*	AREA 2 (20)	AREA 3 (6)	PROVINCE (34)**
1 HARUS	5.52	5.19	5.13	5.25
2 REBECCA	5.60	5.29	5.31	5.37
3 ZAVITZ	5.38	5.06	5.79	5.27
4 KARENA	5.56	5.15	5.57	5.32
5 AC RON	5.72	5.43	5.50	5.51
6 OAC ARISS	5.52	5.23	5.21	5.29
7 DELAWARE	5.05	5.26	5.36	5.23
8 CASEY	5.76	5.33	5.40	5.44
9 RUBY	5.89	5.17	4.83	5.28
10 FUNDULEA	5.97	5.29	5.24	5.44
11 DIANA	5.43	5.24	5.49	5.33
OVERALL MEAN	5.58	5.24	5.35	5.34

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1 (8)*	AREA 2 (20)	AREA 3 (6)	PROVINCE (34)**
1 HARUS	98.8	99.6	95.4	98.7
2 REBECCA	100.5	100.8	99.1	100.4
3 ZAVITZ	96.4	96.5	108.8	98.7
4 KARENA	99.2	97.8	104.2	99.2
5 AC RON	102.3	103.3	102.6	102.9
6 OAC ARISS	98.7	99.6	98.2	99.2
7 DELAWARE	90.9	100.2	100.6	98.1
8 CASEY	103.0	101.5	100.9	101.8
9 RUBY	105.6	98.7	90.3	98.8
10 FUNDULEA	106.9	102.4	98.1	102.7
11 DIANA	97.5	99.6	102.0	99.5
OVERALL MEAN	5.58	5.24	5.35	5.34

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

YEAR(S) : 93-95
 MGMT : NORMAL
 AREA : 1

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS	7 5.52	72.5	35	.	.5	108	156	2.0	4.1	6.0	7.0	1.4	.	1.6	.	192
2 REBECCA	5 5.60	71.6	35	.	2.4	104	157	2.5	4.8	6.0	2.0	.8	.	3.1	.	195
3 ZAVITZ	10 5.38	70.0	40	.	2.7	112	159	2.4	1.7	4.0	3.0	.6	.	1.6	.	194
4 KARENA	6 5.56	71.7	33	.	1.7	110	157	1.9	3.6	4.0	5.0	.9	.	1.4	.	194
5 AC RON	4 5.72	70.2	33	.	1.6	111	157	2.3	4.3	4.0	5.0	.9	.	1.1	.	193
6 OAC ARISS	7 5.52	72.6	33	.	1.6	101	158	2.2	5.2	6.0	6.0	.3	.	1.8	.	193
7 DELAWARE	11 5.05	67.8	36	.	6.2	106	159	1.3	3.8	6.0	2.0	.6	.	1.9	.	194
8 CASEY	3 5.76	70.8	35	.	2.3	102	156	2.1	1.4	4.0	2.0	1.1	.	1.3	.	190
9 RUBY	2 5.89	76.8	36	.	1.0	103	156	3.3	.5	6.0	2.0	.8	.	1.7	.	191
10 FUNDULEA	1 5.97	76.8	34	.	.1	101	158	2.9	.5	7.0	6.0	.7	.	.5	.	193
11 DIANA	9 5.43	70.4	32	.	1.4	107	158	2.4	3.9	6.0	2.0	1.1	.	2.2	.	193
LOCATIONS	8	5	5	0	7	9	8	7	7	1	1	3	0	3	0	1

YIELD AVERAGES WERE BASED ON DATA FROM:
 1993: RIDGETOWN.
 1994: HARROW, RIDGETOWN, INWOOD.
 1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD.

YEAR(S) : 93-95
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS	8 5.19	72.2	35	92	1.3	101	163	1.2	3.6	3.2	5.6	.7	4.0	1.3	3.2	195
2 REBECCA	3 5.29	70.7	36	94	2.4	97	165	1.8	3.7	2.9	2.0	1.1	5.8	1.8	3.3	197
3 ZAVITZ	11 5.06	68.8	40	95	3.0	107	165	2.0	1.3	3.4	2.7	.7	4.3	2.2	2.8	197
4 KARENA	10 5.15	70.4	35	94	1.6	105	165	1.4	2.8	2.9	3.7	1.5	5.7	2.3	3.6	196
5 AC RON	1 5.43	70.3	35	94	2.2	103	164	1.9	3.8	2.8	3.6	1.3	3.7	2.7	4.4	195
6 OAC ARISS	7 5.23	72.0	33	93	1.7	96	165	2.0	4.7	2.9	3.7	1.2	3.3	1.9	3.2	196
7 DELAWARE	5 5.26	68.5	38	94	4.2	98	166	1.4	5.0	2.9	3.0	1.0	3.7	2.3	3.1	196
8 CASEY	2 5.33	70.4	35	94	2.3	97	164	1.6	3.8	3.4	4.4	1.8	3.7	1.4	3.4	194
9 RUBY	9 5.17	74.1	35	94	1.9	95	163	3.0	1.3	3.5	3.6	1.2	5.0	2.6	2.9	195
10 FUNDULEA	3 5.29	75.7	33	96	.8	94	166	2.1	.5	3.4	5.8	.5	1.5	2.0	1.0	196
11 DIANA	6 5.24	69.3	33	94	2.0	101	165	1.7	2.1	3.1	3.0	1.2	4.8	1.9	3.9	195
LOCATIONS	20	22	22	9	16	21	16	11	3	12	4	1	2	2	5	4

YIELD AVERAGES WERE BASED ON DATA FROM:
 1993: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.
 1994: NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH.
 1995: NAIRN, LONDON, WINTHROP, CENTRALIA, WOODSTOCK, GUELPH, ELORA, HARRISTON.

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

*Fund. = 5.63
 = 5.58*

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

YEAR(S): 93-95
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS	10	5.13	77.2	36	79	.7	101	168	2.3	.	.	.	.	.	.	.	.
2 REBECCA	7	5.31	75.7	37	86	1.7	98	169	3.0	.	.	.	.	.	.	.	.
3 ZAVITZ	1	5.79	75.2	44	90	1.3	105	169	2.0	.	.	.	.	.	.	.	.
4 KARENA	2	5.57	77.8	36	81	.7	103	169	.3	.	.	.	.	.	.	.	.
5 AC RON	3	5.50	75.9	36	85	.4	106	168	4.0	.	.	.	.	.	.	.	.
6 OAC ARISS	9	5.21	78.0	34	86	1.5	96	170	1.0	.	.	.	.	.	.	.	.
7 DELAWARE	6	5.36	74.3	40	89	3.6	96	171	.8	.	.	.	.	.	.	.	.
8 CASEY	5	5.40	77.0	36	79	1.3	94	168	2.0	.	.	.	.	.	.	.	.
9 RUBY	11	4.83	80.7	37	88	1.1	98	168	6.0	.	.	.	.	.	.	.	.
10 FUNDULEA	8	5.24	81.3	35	81	1.0	93	170	.8	.	.	.	.	.	.	.	.
11 DIANA	4	5.49	75.6	33	88	1.8	103	169	1.0	.	.	.	.	.	.	.	.
LOCATIONS		6	6	7	5	3	7	7	1	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: KEMPTVILLE, OTTAWA-1.

1994: KEMPTVILLE, OTTAWA-1.

1995: KEMPTVILLE, OTTAWA-1.

YEAR(S): 93-95
 MGMT : NORMAL
 AREA(S): 1- 3

KEY NAME	YIELD		TSTW	KW	SUR	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	%	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 HARUS	10	5.25	73.1	35	87	1.0	103	162	1.6	4.0	3.4	5.9	1.2	4.0	1.5	3.2	194
2 REBECCA	4	5.37	71.7	36	91	2.3	99	164	2.1	4.4	3.1	2.0	.9	5.8	2.6	3.3	197
3 ZAVITZ	9	5.27	70.1	41	93	2.7	108	164	2.1	1.6	3.4	2.8	.6	4.3	1.8	2.8	196
4 KARENA	6	5.32	71.9	35	89	1.5	106	164	1.5	3.3	3.0	4.0	1.1	5.7	1.8	3.6	195
5 AC RON	1	5.51	71.3	35	91	1.8	105	163	2.2	4.2	2.9	3.9	1.0	3.7	1.7	4.4	195
6 OAC ARISS	7	5.29	73.2	33	90	1.6	97	164	2.0	5.0	3.2	4.1	.6	3.3	1.9	3.2	195
7 DELAWARE	11	5.23	69.4	38	92	4.7	100	166	1.3	4.2	3.1	2.8	.7	3.7	2.1	3.1	196
8 CASEY	2	5.44	71.6	36	89	2.2	98	163	1.8	2.2	3.4	3.9	1.3	3.7	1.4	3.4	193
9 RUBY	8	5.28	75.7	36	92	1.5	98	162	3.3	.7	3.7	3.3	.9	5.0	2.0	2.9	194
10 FUNDULEA	2	5.44	76.9	34	90	.7	96	165	2.3	.5	3.6	5.9	.6	1.5	1.1	1.0	196
11 DIANA	5	5.33	70.6	33	92	1.9	103	164	1.9	3.3	3.3	2.8	1.2	4.8	2.1	3.9	195
LOCATIONS		34	33	34	14	26	37	31	19	10	13	5	4	2	5	5	5

YIELD AVERAGES WERE BASED ON DATA FROM:

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

1994: HARROW, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, ELORA, HARRISTON, BATH,

KEMPTVILLE, OTTAWA-1.

1995: HARROW, WOODSLEE, RIDGETOWN, INWOOD, NAIRN, LONDON, WINTHROP, CENTRALIA,

WOODSTOCK, GUELPH, ELORA, HARRISTON, KEMPTVILLE, OTTAWA-1.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR(S): 94-95
 AREA : 1

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	HW94N	RN94N	ID94N	HW95N	WE95N	RN95N	ID95N	MEAN
1 HARUS	4.80	5.49	5.32	5.60	6.50	6.57	5.42	5.67
2 REBECCA	6.00	5.23	5.47	5.60	6.20	6.36	5.76	5.80
3 ZAVITZ	5.60	4.73	4.75	5.80	6.20	6.08	5.53	5.53
4 KARENA	5.30	5.17	5.29	5.60	7.00	6.51	5.46	5.76
5 AC RON	5.20	5.07	5.68	6.30	6.80	6.73	5.72	5.93
6 OAC ARISS	5.30	5.03	5.27	5.00	6.80	6.50	5.88	5.68
7 DELAWARE	5.30	4.86	5.17	4.00	4.90	6.17	5.90	5.19
8 CASEY	5.20	5.57	4.99	6.10	7.20	6.62	5.47	5.88
9 RUBY	5.90	5.40	5.20	6.80	7.20	6.60	5.20	6.04
10 FUNDULEA	5.40	5.36	5.42	7.00	7.20	6.68	5.63	6.10
11 DIANA	5.30	5.53	5.18	5.30	6.10	6.27	5.52	5.60
12 MARILEE	5.30	5.13	5.53	5.20	5.80	6.16	5.61	5.53
LOCATION MEAN	5.38	5.21	5.27	5.69	6.49	6.44	5.59	5.73

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	HW94N	RN94N	ID94N	HW95N	WE95N	RN95N	ID95N	MEAN*
1 HARUS	89	105	101	98	100	102	97	99
2 REBECCA	111	100	104	98	96	99	103	102
3 ZAVITZ	104	91	90	102	96	94	99	97
4 KARENA	98	99	100	98	108	101	98	100
5 AC RON	97	97	108	111	105	105	102	103
6 OAC ARISS	98	96	100	88	105	101	105	99
7 DELAWARE	98	93	98	70	75	96	106	91
8 CASEY	97	107	95	107	111	103	98	102
9 RUBY	110	104	99	119	111	103	93	105
10 FUNDULEA	100	103	103	123	111	104	101	106
11 DIANA	98	106	98	93	94	97	99	98
12 MARILEE	98	98	105	91	89	96	100	97
LOCATION MEAN	5.38	5.21	5.27	5.69	6.49	6.44	5.59	5.73

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 94-95
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	NN95N	CA95N	LN95N	WP95N
1 HARUS	6.09	5.17	5.42	5.81	5.48	3.38	6.50	4.29	4.41	6.04
2 REBECCA	6.83	5.25	6.17	6.17	5.55	4.24	6.37	4.48	4.75	6.46
3 ZAVITZ	6.22	4.71	5.29	6.22	5.68	4.28	6.03	2.97	4.27	5.96
4 KARENA	6.30	5.26	5.30	5.98	5.56	4.59	6.24	3.71	4.81	6.35
5 AC RON	6.56	5.41	5.63	6.25	5.64	4.63	6.55	4.57	5.41	6.35
6 OAC ARISS	5.90	5.05	5.83	5.82	5.26	5.21	6.20	4.47	4.98	6.14
7 DELAWARE	6.47	5.28	5.90	6.55	5.13	4.37	6.63	4.13	4.68	6.41
8 CASEY	6.38	5.22	5.83	6.33	5.04	4.30	6.83	4.12	4.54	6.52
9 RUBY	6.29	4.82	5.39	5.72	5.27	4.68	6.45	4.22	4.85	6.40
10 FUNDULEA	5.54	4.99	6.01	5.58	5.01	4.27	6.37	4.36	5.39	6.18
11 DIANA	6.38	5.46	6.01	6.27	5.16	4.73	6.05	3.91	5.18	6.28
12 MARILEE	6.60	5.37	5.60	6.35	5.56	4.64	6.42	4.51	5.20	6.43
LOCATION MEAN	6.30	5.17	5.70	6.09	5.36	4.44	6.39	4.14	4.87	6.29

KEY NAME	WK95N	EA95N	GH95N	HN95N	MEAN
1 HARUS	6.52	7.25	5.49	5.38	5.52
2 REBECCA	7.13	7.43	5.12	5.28	5.80
3 ZAVITZ	7.49	6.94	5.31	5.38	5.48
4 KARENA	6.85	7.56	5.39	5.39	5.66
5 AC RON	7.43	7.65	5.90	5.55	5.97
6 OAC ARISS	7.23	7.50	5.46	5.62	5.76
7 DELAWARE	7.08	7.06	4.79	6.00	5.75
8 CASEY	7.32	7.81	4.84	5.72	5.77
9 RUBY	7.53	7.24	4.84	5.39	5.65
10 FUNDULEA	6.80	6.72	5.99	5.14	5.60
11 DIANA	7.19	7.36	4.84	5.49	5.74
12 MARILEE	7.08	7.55	5.65	5.51	5.89
LOCATION MEAN	7.14	7.34	5.30	5.49	5.72

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 94-95
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WP94N	NN94N	LN94N	EA94N	HN94N	BH94N	NN95N	CA95N	LN95N	WP95N
1 HARUS	97	100	95	95	102	76	102	103	91	96
2 REBECCA	108	102	108	101	104	95	100	108	97	103
3 ZAVITZ	99	91	93	102	106	96	94	72	88	95
4 KARENA	100	102	93	98	104	103	98	90	99	101
5 AC RON	104	105	99	103	105	104	103	110	111	101
6 OAC ARISS	94	98	102	96	98	117	97	108	102	98
7 DELAWARE	103	102	104	108	96	98	104	100	96	102
8 CASEY	101	101	102	104	94	97	107	99	93	104
9 RUBY	100	93	95	94	98	105	101	102	100	102
10 FUNDULEA	88	97	105	92	93	96	100	105	111	98
11 DIANA	101	106	105	103	96	106	95	94	106	100
12 MARILEE	105	104	98	104	104	104	101	109	107	102
LOCATION MEAN	6.30	5.17	5.70	6.09	5.36	4.44	6.39	4.14	4.87	6.29

KEY NAME	WK95N	EA95N	GH95N	HN95N	MEAN*
1 HARUS	91	99	104	98	96
2 REBECCA	100	101	97	96	101
3 ZAVITZ	105	95	100	98	95
4 KARENA	96	103	102	98	99
5 AC RON	104	104	111	101	105
6 OAC ARISS	101	102	103	102	101
7 DELAWARE	99	96	90	109	100
8 CASEY	103	106	91	104	101
9 RUBY	105	99	91	98	99
10 FUNDULEA	95	92	113	94	98
11 DIANA	101	100	91	100	100
12 MARILEE	99	103	107	100	103
LOCATION MEAN	7.14	7.34	5.30	5.49	5.72

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 94-95
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	O194N	KE94N	KE95N	O195N	MEAN
1 HARUS	7.32	4.42	4.25	4.97	5.24
2 REBECCA	7.05	4.71	4.47	5.51	5.43
3 ZAVITZ	7.52	5.06	4.96	5.42	5.74
4 KARENA	7.61	5.01	4.46	5.32	5.60
5 AC RON	7.68	5.11	4.34	5.55	5.67
6 OAC ARISS	6.52	4.29	4.33	5.46	5.15
7 DELAWARE	7.09	4.11	4.55	5.46	5.30
8 CASEY	7.35	4.79	4.53	5.29	5.49
9 RUBY	6.76	4.11	3.74	5.25	4.97
10 FUNDULEA	7.32	5.03	4.34	5.22	5.48
11 DIANA	7.59	5.06	4.26	5.46	5.59
12 MARILEE	7.74	5.76	4.56	5.13	5.80
LOCATION MEAN	7.30	4.79	4.40	5.34	5.45

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	O194N	KE94N	KE95N	O195N	MEAN*
1 HARUS	100	92	97	93	96
2 REBECCA	97	98	102	103	100
3 ZAVITZ	103	106	113	102	106
4 KARENA	104	105	101	100	103
5 AC RON	105	107	99	104	104
6 OAC ARISS	89	90	98	102	95
7 DELAWARE	97	86	103	102	97
8 CASEY	101	100	103	99	101
9 RUBY	93	86	85	98	90
10 FUNDULEA	100	105	99	98	100
11 DIANA	104	106	97	102	102
12 MARILEE	106	120	104	96	107
LOCATION MEAN	7.30	4.79	4.40	5.34	5.45

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 94-95
 MGMT : NORMAL

KEY NAME	AREA 1 (7)*	AREA 2 (14)	AREA 3 (4)	PROVINCE (25)**
1 HARUS	5.67	5.52	5.24	5.52
2 REBECCA	5.80	5.80	5.43	5.74
3 ZAVITZ	5.53	5.48	5.74	5.54
4 KARENA	5.76	5.66	5.60	5.68
5 AC RON	5.93	5.97	5.67	5.91
6 OAC ARISS	5.68	5.76	5.15	5.64
7 DELAWARE	5.19	5.75	5.30	5.52
8 CASEY	5.88	5.77	5.49	5.76
9 RUBY	6.04	5.65	4.97	5.65
10 FUNDULEA	6.10	5.60	5.48	5.72
11 DIANA	5.60	5.74	5.59	5.68
12 MARILEE	5.53	5.89	5.80	5.78
OVERALL MEAN	5.73	5.72	5.45	5.68

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1 (7)*	AREA 2 (14)	AREA 3 (4)	PROVINCE (25)**
1 HARUS	99.0	96.4	95.6	97.0
2 REBECCA	101.6	101.5	100.0	101.3
3 ZAVITZ	96.5	95.2	105.8	97.3
4 KARENA	100.4	99.0	102.5	100.0
5 AC RON	103.4	104.7	103.7	104.1
6 OAC ARISS	99.1	101.3	94.9	99.7
7 DELAWARE	91.0	100.5	97.2	97.3
8 CASEY	102.4	100.5	100.7	101.1
9 RUBY	105.4	98.8	90.5	99.3
10 FUNDULEA	106.3	98.5	100.5	101.0
11 DIANA	98.0	100.4	102.2	100.0
12 MARILEE	96.9	103.3	106.5	102.1
OVERALL MEAN	5.73	5.72	5.45	5.68

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

YEAR(S): 94-95
 MGMT : NORMAL
 AREA : 1

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
1 HARUS	8 5.67	73.0	37	.	.5	109	156	2.2	4.4	6.0	7.0	.2	.	.0	.	192	
2 REBECCA	5 5.80	72.5	37	.	2.5	106	157	2.8	5.2	6.0	2.0	1.0	.	2.5	.	195	
3 ZAVITZ	10 5.53	70.7	42	.	2.8	115	158	2.6	1.5	4.0	3.0	.1	.	.5	.	194	
4 KARENA	6 5.76	72.6	35	.	1.8	112	157	2.2	3.6	4.0	5.0	.3	.	.5	.	194	
5 AC RON	3 5.93	71.3	35	.	1.7	113	157	2.5	4.5	4.0	5.0	.4	.	.0	.	193	
6 OAC ARISS	7 5.68	73.0	34	.	1.8	102	157	2.4	5.6	6.0	6.0	.2	.	1.0	.	193	
7 DELAWARE	12 5.19	68.6	38	.	6.7	108	159	1.3	3.9	6.0	2.0	.4	.	.5	.	194	
8 CASEY	4 5.88	70.3	36	.	2.3	104	156	2.3	1.2	4.0	2.0	.0	.	.5	.	190	
9 RUBY	2 6.04	77.1	37	.	.9	106	156	3.5	.5	6.0	2.0	.0	.	1.0	.	191	
10 FUNDULEA	1 6.10	77.3	35	.	.1	102	157	3.2	.3	7.0	6.0	.0	.	.0	.	193	
11 DIANA	9 5.60	71.0	34	.	1.4	109	157	2.4	4.1	6.0	2.0	.4	.	1.5	.	193	
12 MARILEE	10 5.53	70.0	38	.	1.3	108	158	2.9	6.0	6.0	2.0	.6	.	1.0	.	195	
LOCATIONS		7	4	4	0	6	7	6	6	5	1	1	1	0	2	0	1

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

YEAR(S): 94-95
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
1 HARUS	11 5.52	73.8	38	90	1.2	101	162	1.1	2.2	3.5	5.6	.7	4.0	.	.3	195	
2 REBECCA	3 5.80	73.0	39	93	2.8	98	164	1.5	1.8	3.3	2.0	1.1	5.8	.	.8	197	
3 ZAVITZ	12 5.48	70.9	42	93	3.0	108	164	1.6	.9	3.6	2.7	.7	4.3	.	1.3	197	
4 KARENA	8 5.66	73.0	38	92	1.7	105	163	1.2	1.8	3.4	3.7	1.5	5.7	.	2.1	196	
5 AC RON	1 5.97	72.9	38	93	2.1	103	163	1.6	2.3	3.4	3.6	1.3	3.7	.	3.3	195	
6 OAC ARISS	5 5.76	74.8	36	91	1.9	96	164	1.7	3.0	3.2	3.7	1.2	3.3	.	.8	196	
7 DELAWARE	6 5.75	70.9	41	92	4.7	99	165	1.1	3.3	3.2	3.0	1.0	3.7	.	.3	196	
8 CASEY	4 5.77	72.2	38	93	2.6	97	162	1.4	2.5	3.8	4.4	1.8	3.7	.	.5	194	
9 RUBY	9 5.65	76.0	38	93	1.9	98	162	2.8	.9	3.8	3.6	1.2	5.0	.	.0	195	
10 FUNDULEA	10 5.60	76.7	34	95	.9	95	165	2.1	.8	4.0	5.8	.5	1.5	.	.0	196	
11 DIANA	7 5.74	71.7	35	93	2.5	101	164	1.5	1.1	3.5	3.0	1.2	4.8	.	.8	195	
12 MARILEE	2 5.89	71.7	41	92	2.0	99	164	1.6	2.4	3.6	3.2	.7	2.8	.	.0	197	
LOCATIONS		14	15	15	7	12	14	11	9	2	8	4	1	2	0	1	4

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

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

YEAR(S): 94-95
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS	10 5.24	76.0	35	84	1.0	100	168	2.3	.	.	.	.	.	.	.	.
2 REBECCA	8 5.43	74.9	37	87	2.5	97	169	3.0	.	.	.	.	.	.	.	.
3 ZAVITZ	2 5.74	73.6	43	91	2.0	102	169	2.0	.	.	.	.	.	.	.	.
4 KARENA	4 5.60	76.7	36	83	1.0	101	169	.3	.	.	.	.	.	.	.	.
5 AC RON	3 5.67	74.9	36	89	.6	103	168	4.0	.	.	.	.	.	.	.	.
6 OAC ARISS	11 5.15	77.0	34	86	1.5	93	170	1.0	.	.	.	.	.	.	.	.
7 DELAWARE	9 5.30	73.0	39	90	4.7	96	171	.8	.	.	.	.	.	.	.	.
8 CASEY	6 5.49	76.0	36	83	2.0	94	168	2.0	.	.	.	.	.	.	.	.
9 RUBY	12 4.97	78.9	35	92	1.6	97	168	6.0	.	.	.	.	.	.	.	.
10 FUNDULEA	7 5.48	79.3	34	88	1.5	93	170	.8	.	.	.	.	.	.	.	.
11 DIANA	5 5.59	74.1	33	91	2.0	100	169	1.0	.	.	.	.	.	.	.	.
12 MARILEE	1 5.80	73.8	39	87	.6	100	170	6.0	.	.	.	.	.	.	.	.
LOCATIONS	4	4	5	3	2	5	5	1	0	0	0	0	0	0	0	0

YIELD AVERAGES WERE BASED ON DATA FROM:

1994: KEMPTVILLE, OTTAWA-1.

1995: KEMPTVILLE, OTTAWA-1.

YEAR(S): 94-95
 MGMT : NORMAL
 AREA(S): 1- 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 HARUS	11 5.52	74.1	37	88	1.0	103	162	1.5	3.8	3.8	5.9	.4	4.0	.0	.3	194
2 REBECCA	4 5.74	73.2	38	91	2.7	100	163	2.0	4.2	3.6	2.0	1.0	5.8	2.5	.8	197
3 ZAVITZ	10 5.54	71.3	42	93	2.8	109	164	2.0	1.3	3.6	2.8	.4	4.3	.5	1.3	196
4 KARENA	6 5.68	73.6	37	89	1.7	106	163	1.5	3.1	3.4	4.0	.9	5.7	.5	2.1	195
5 AC RON	1 5.91	72.9	37	91	1.9	106	163	2.1	3.9	3.4	3.9	.8	3.7	.0	3.3	195
6 OAC ARISS	9 5.64	74.8	35	90	1.8	97	164	1.9	4.9	3.5	4.1	.7	3.3	1.0	.8	195
7 DELAWARE	11 5.52	70.9	40	92	5.3	101	165	1.2	3.7	3.5	2.8	.7	3.7	.5	.3	196
8 CASEY	3 5.76	72.5	37	90	2.5	98	162	1.8	1.6	3.8	3.9	.9	3.7	.5	.5	193
9 RUBY	8 5.65	76.7	37	93	1.6	100	162	3.3	.6	4.0	3.3	.6	5.0	1.0	.0	194
10 FUNDULEA	5 5.72	77.3	34	93	.7	97	164	2.4	.4	4.3	5.9	.3	1.5	.0	.0	196
11 DIANA	6 5.68	72.0	35	92	2.1	103	163	1.8	3.3	3.8	2.8	.8	4.8	1.5	.8	195
12 MARILEE	2 5.78	71.7	40	90	1.7	101	164	2.4	5.0	3.9	3.0	.6	2.8	1.0	.0	196
LOCATIONS	25	23	24	10	20	26	22	16	7	9	5	2	2	2	1	5

YIELD AVERAGES WERE BASED ON DATA FROM:

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

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

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR : 95
 AREA : 1

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	HW95N	WE95N	RN95N	ID95N	MEAN
1 HARUS	5.60	6.50	6.57	5.42	6.02
2 REBECCA	5.60	6.20	6.36	5.76	5.98
3 ZAVITZ	5.80	6.20	6.08	5.53	5.90
4 KARENA	5.60	7.00	6.51	5.46	6.14
5 AC RON	6.30	6.80	6.73	5.72	6.39
6 OAC ARISS	5.00	6.80	6.50	5.88	6.05
7 DELAWARE	4.00	4.90	6.17	5.90	5.24
8 CASEY	6.10	7.20	6.62	5.47	6.35
9 RUBY	6.80	7.20	6.60	5.20	6.45
10 FUNDULEA	7.00	7.20	6.68	5.63	6.63
11 DIANA	5.30	6.10	6.27	5.52	5.80
12 MARILEE	5.20	5.80	6.16	5.61	5.69
13 AUGUSTA	4.90	6.20	6.30	5.12	5.63
14 FREEDOM	7.00	7.20	7.33	5.57	6.77
LOCATION MEAN	5.73	6.52	6.49	5.56	6.07

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	HW95N	WE95N	RN95N	ID95N	MEAN*
1 HARUS	98	100	101	98	99
2 REBECCA	98	95	98	104	99
3 ZAVITZ	101	95	94	100	97
4 KARENA	98	107	100	98	101
5 AC RON	110	104	104	103	105
6 OAC ARISS	87	104	100	106	99
7 DELAWARE	70	75	95	106	87
8 CASEY	106	110	102	98	104
9 RUBY	119	110	102	94	106
10 FUNDULEA	122	110	103	101	109
11 DIANA	93	94	97	99	95
12 MARILEE	91	89	95	101	94
13 AUGUSTA	86	95	97	92	92
14 FREEDOM	122	110	113	100	111
LOCATION MEAN	5.73	6.52	6.49	5.56	6.07

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR : 95
 AREA : 2

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN
1 HARUS	6.50	4.29	4.41	6.04	6.52	7.25	5.49	5.38	5.74
2 REBECCA	6.37	4.48	4.75	6.46	7.13	7.43	5.12	5.28	5.88
3 ZAVITZ	6.03	2.97	4.27	5.96	7.49	6.94	5.31	5.38	5.54
4 KARENA	6.24	3.71	4.81	6.35	6.85	7.56	5.39	5.39	5.79
5 AC RON	6.55	4.57	5.41	6.35	7.43	7.65	5.90	5.55	6.18
6 OAC ARISS	6.20	4.47	4.98	6.14	7.23	7.50	5.46	5.62	5.95
7 DELAWARE	6.63	4.13	4.68	6.41	7.08	7.06	4.79	6.00	5.85
8 CASEY	6.83	4.12	4.54	6.52	7.32	7.81	4.84	5.72	5.96
9 RUBY	6.45	4.22	4.85	6.40	7.53	7.24	4.84	5.39	5.87
10 FUNDULEA	6.37	4.36	5.39	6.18	6.80	6.72	5.99	5.14	5.87
11 DIANA	6.05	3.91	5.18	6.28	7.19	7.36	4.84	5.49	5.79
12 MARILEE	6.42	4.51	5.20	6.43	7.08	7.55	5.65	5.51	6.04
13 AUGUSTA	6.09	4.20	5.13	6.14	7.13	6.99	4.85	5.44	5.75
14 FREEDOM	6.90	4.33	5.51	6.64	7.65	7.70	5.35	5.81	6.24
LOCATION MEAN	6.40	4.16	4.94	6.31	7.17	7.34	5.27	5.51	5.89

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NN95N	CA95N	LN95N	WP95N	WK95N	EA95N	GH95N	HN95N	MEAN*
1 HARUS	102	103	89	96	91	99	104	98	98
2 REBECCA	99	108	96	102	99	101	97	96	100
3 ZAVITZ	94	71	86	94	104	95	101	98	93
4 KARENA	97	89	97	101	95	103	102	98	98
5 AC RON	102	110	110	101	104	104	112	101	105
6 OAC ARISS	97	107	101	97	101	102	104	102	101
7 DELAWARE	104	99	95	102	99	96	91	109	99
8 CASEY	107	99	92	103	102	106	92	104	101
9 RUBY	101	101	98	101	105	99	92	98	99
10 FUNDULEA	99	105	109	98	95	92	114	93	101
11 DIANA	94	94	105	100	100	100	92	100	98
12 MARILEE	100	108	105	102	99	103	107	100	103
13 AUGUSTA	95	101	104	97	99	95	92	99	98
14 FREEDOM	108	104	112	105	107	105	101	105	106
LOCATION MEAN	6.40	4.16	4.94	6.31	7.17	7.34	5.27	5.51	5.89

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR : 95
 AREA : 3

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

KEY NAME	KE95N	O195N	MEAN
1 HARUS	4.25	4.97	4.61
2 REBECCA	4.47	5.51	4.99
3 ZAVITZ	4.96	5.42	5.19
4 KARENA	4.46	5.32	4.89
5 AC RON	4.34	5.55	4.95
6 OAC ARISS	4.33	5.46	4.89
7 DELAWARE	4.55	5.46	5.01
8 CASEY	4.53	5.29	4.91
9 RUBY	3.74	5.25	4.49
10 FUNDULEA	4.34	5.22	4.78
11 DIANA	4.26	5.46	4.86
12 MARILEE	4.56	5.13	4.85
13 AUGUSTA	4.21	5.47	4.84
14 FREEDOM	4.75	5.41	5.08
LOCATION MEAN	4.41	5.35	4.88

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	KE95N	O195N	MEAN*
1 HARUS	96	93	95
2 REBECCA	101	103	102
3 ZAVITZ	112	101	107
4 KARENA	101	99	100
5 AC RON	98	104	101
6 OAC ARISS	98	102	100
7 DELAWARE	103	102	103
8 CASEY	103	99	101
9 RUBY	85	98	91
10 FUNDULEA	98	98	98
11 DIANA	97	102	99
12 MARILEE	103	96	100
13 AUGUSTA	95	102	99
14 FREEDOM	108	101	104
LOCATION MEAN	4.41	5.35	4.88

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

TRAIT : YIELD
 YEAR : 95
 MGMT : NORMAL

KEY NAME	AREA 1 (4)*	AREA 2 (8)	AREA 3 (2)	PROVINCE (14)**
1 HARUS	6.02	5.74	4.61	5.66
2 REBECCA	5.98	5.88	4.99	5.78
3 ZAVITZ	5.90	5.54	5.19	5.60
4 KARENA	6.14	5.79	4.89	5.76
5 AC RON	6.39	6.18	4.95	6.06
6 OAC ARISS	6.05	5.95	4.89	5.83
7 DELAWARE	5.24	5.85	5.01	5.55
8 CASEY	6.35	5.96	4.91	5.92
9 RUBY	6.45	5.87	4.49	5.84
10 FUNDULEA	6.63	5.87	4.78	5.93
11 DIANA	5.80	5.79	4.86	5.66
12 MARILEE	5.69	6.04	4.85	5.77
13 AUGUSTA	5.63	5.75	4.84	5.58
14 FREEDOM	6.77	6.24	5.08	6.22
OVERALL MEAN	6.07	5.89	4.88	5.80

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 1 (4)*	AREA 2 (8)	AREA 3 (2)	PROVINCE (14)**
1 HARUS	99.0	97.6	94.6	97.6
2 REBECCA	98.6	99.9	102.2	99.9
3 ZAVITZ	97.4	93.0	106.9	96.2
4 KARENA	100.9	97.9	100.3	99.1
5 AC RON	105.2	105.4	101.1	104.7
6 OAC ARISS	99.4	101.4	100.1	100.6
7 DELAWARE	86.5	99.2	102.6	96.1
8 CASEY	104.3	100.6	100.8	101.7
9 RUBY	106.1	99.4	91.4	100.2
10 FUNDULEA	109.2	100.6	98.0	102.7
11 DIANA	95.5	98.1	99.3	97.5
12 MARILEE	93.9	103.1	99.6	100.0
13 AUGUSTA	92.5	97.8	98.8	96.4
14 FREEDOM	111.4	105.9	104.4	107.3
OVERALL MEAN	6.07	5.89	4.88	5.80

* # OF LOCATIONS

** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

YEAR : 95
 MGMT : NORMAL
 AREA : 1

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	8	6.02	72.3	38	.	.3	116	154	2.0	4.0	.	.	.	.	.0	.	192
2 REBECCA	9	5.98	71.5	39	.	2.4	112	155	3.2	5.3	.	.	.	.	2.5	.	195
3 ZAVITZ	10	5.90	69.6	44	.	3.2	121	156	2.5	1.8	.	.	.	.	.5	.	194
4 KARENA	6	6.14	71.3	36	.	1.7	119	155	2.3	4.0	.	.	.	.	.5	.	194
5 AC RON	4	6.39	71.4	37	.	1.3	119	155	3.0	4.5	.	.	.	.	.0	.	193
6 OAC ARISS	7	6.05	71.0	35	.	2.4	110	156	2.5	6.0	.	.	.	.	1.0	.	193
7 DELAWARE	14	5.24	68.1	38	.	7.3	115	157	1.3	4.5	.	.	.	.	.5	.	194
8 CASEY	5	6.35	68.7	38	.	3.0	112	154	2.0	1.0	.	.	.	.	.5	.	190
9 RUBY	3	6.45	77.2	39	.	.3	112	154	3.7	.2	.	.	.	.	1.0	.	191
10 FUNDULEA	2	6.63	76.9	34	.	.2	108	155	3.7	.2	.	.	.	.	.0	.	193
11 DIANA	11	5.80	69.3	34	.	2.0	116	156	2.5	4.5	.	.	.	.	1.5	.	193
12 MARILEE	12	5.69	69.8	40	.	1.2	114	156	3.5	6.7	.	.	.	.	1.0	.	195
13 AUGUSTA	13	5.63	70.2	36	.	1.8	119	156	3.8	5.5	.	.	.	.	1.0	.	194
14 FREEDOM	1	6.77	72.8	33	.	1.5	109	154	2.2	.7	.	.	.	.	.5	.	195
LOCATIONS		4	2	2	0	4	4	3	3	3	0	0	0	0	2	0	1

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

YEAR : 95
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	13	5.74	73.1	37	95	1.4	106	159	1.1	2.4	4.1	.	.	6.0	.	.3	195
2 REBECCA	6	5.88	72.7	38	96	4.0	103	161	1.5	2.5	4.0	.	.	8.0	.	.8	197
3 ZAVITZ	14	5.54	70.8	42	95	3.2	114	161	1.6	1.3	4.1	.	.	5.0	.	1.3	197
4 KARENA	10	5.79	72.4	37	94	1.8	111	161	.8	2.5	3.8	.	.	8.0	.	2.1	196
5 AC RON	2	6.18	72.1	37	95	2.7	109	161	1.5	2.5	4.2	.	.	6.0	.	3.3	195
6 OAC ARISS	5	5.95	74.2	34	96	2.6	102	162	1.7	4.0	3.9	.	.	5.3	.	.8	196
7 DELAWARE	9	5.85	70.2	41	95	6.4	102	163	1.2	3.0	3.6	.	.	3.7	.	.3	196
8 CASEY	4	5.96	72.3	38	95	3.5	102	160	1.2	3.0	3.9	.	.	4.3	.	.5	194
9 RUBY	7	5.87	76.5	37	96	2.4	105	160	2.4	.3	3.8	.	.	8.0	.	.0	195
10 FUNDULEA	7	5.87	76.9	34	97	1.3	103	163	2.2	.0	3.6	.	.	1.0	.	.0	196
11 DIANA	10	5.79	71.2	35	95	3.5	105	161	1.6	1.3	4.1	.	.	6.7	.	.8	195
12 MARILEE	3	6.04	71.3	41	95	2.9	105	162	1.8	2.8	4.2	.	.	1.0	.	.0	197
13 AUGUSTA	12	5.75	71.1	36	95	3.8	112	162	2.1	2.8	4.1	.	.	7.0	.	1.5	196
14 FREEDOM	1	6.24	73.0	35	94	3.0	101	161	1.0	1.5	3.2	.	.	4.3	.	.0	196
LOCATIONS		8	9	9	3	7	8	7	6	1	4	0	0	1	0	1	4

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

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

YEAR : 95
 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	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	13	4.61	73.1	33	81	2.0	97	160	.	.	.	.	.	.	.	.	.
2 REBECCA	4	4.99	72.3	35	82	4.0	93	161	.	.	.	.	.	.	.	.	.
3 ZAVITZ	1	5.19	71.3	40	87	4.0	99	161	.	.	.	.	.	.	.	.	.
4 KARENA	7	4.89	73.8	34	75	2.0	95	161	.	.	.	.	.	.	.	.	.
5 AC RON	5	4.95	72.8	34	88	1.0	100	160	.	.	.	.	.	.	.	.	.
6 OAC ARISS	7	4.89	75.2	32	85	1.0	91	162	.	.	.	.	.	.	.	.	.
7 DELAWARE	3	5.01	70.7	36	86	5.0	93	163	.	.	.	.	.	.	.	.	.
8 CASEY	6	4.91	73.6	34	79	3.0	91	160	.	.	.	.	.	.	.	.	.
9 RUBY	14	4.49	76.7	33	89	3.0	96	159	.	.	.	.	.	.	.	.	.
10 FUNDULEA	12	4.78	77.7	32	84	3.0	92	162	.	.	.	.	.	.	.	.	.
11 DIANA	9	4.86	71.6	32	89	4.0	97	161	.	.	.	.	.	.	.	.	.
12 MARILEE	10	4.85	70.8	36	83	1.0	96	162	.	.	.	.	.	.	.	.	.
13 AUGUSTA	11	4.84	72.1	34	87	4.0	101	162	.	.	.	.	.	.	.	.	.
14 FREEDOM	2	5.08	72.2	34	86	3.0	91	160	.	.	.	.	.	.	.	.	.
LOCATIONS		2	2	3	2	1	3	3	0	0	0	0	0	0	0	0	0

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

YEAR : 95
 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	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	10	5.66	73.0	36	89	1.1	107	158	1.4	3.6	4.1	.	.	6.0	.0	.3	194
2 REBECCA	7	5.78	72.4	37	90	3.5	103	160	2.0	4.6	4.0	.	.	8.0	2.5	.8	197
3 ZAVITZ	12	5.60	70.7	42	92	3.2	113	160	1.9	1.7	4.1	.	.	5.0	.5	1.3	196
4 KARENA	9	5.76	72.5	36	86	1.8	110	160	1.3	3.6	3.8	.	.	8.0	.5	2.1	195
5 AC RON	2	6.06	72.1	36	92	2.1	110	159	2.0	4.0	4.2	.	.	6.0	.0	3.3	195
6 OAC ARISS	6	5.83	73.8	34	91	2.4	102	160	2.0	5.5	3.9	.	.	5.3	1.0	.8	195
7 DELAWARE	14	5.55	69.9	40	91	6.6	103	161	1.3	4.1	3.6	.	.	3.7	.5	.3	196
8 CASEY	4	5.92	72.0	37	89	3.3	102	159	1.5	1.5	3.9	.	.	4.3	.5	.5	193
9 RUBY	5	5.84	76.6	36	93	1.8	105	158	2.8	.2	3.8	.	.	8.0	1.0	.0	194
10 FUNDULEA	3	5.93	77.0	33	92	1.1	102	161	2.7	.1	3.6	.	.	1.0	.0	.0	196
11 DIANA	10	5.66	71.0	34	92	3.0	106	160	1.9	3.7	4.1	.	.	6.7	1.5	.8	195
12 MARILEE	8	5.77	71.0	40	90	2.2	105	161	2.3	5.7	4.2	.	.	1.0	1.0	.0	196
13 AUGUSTA	13	5.58	71.1	36	91	3.2	112	161	2.7	4.8	4.1	.	.	7.0	1.0	1.5	196
14 FREEDOM	1	6.22	72.9	34	91	2.5	101	159	1.4	.9	3.2	.	.	4.3	.5	.0	196
LOCATIONS		14	13	14	5	12	15	13	9	4	4	0	0	1	2	1	5

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

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

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	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	7	5.60	.	.	.	.0	117	153	4.0	3.0	.	.	.	.	.	.	.
2 REBECCA	7	5.60	.	.	.	2.0	114	154	6.0	5.0	.	.	.	.	.0	.	.
3 ZAVITZ	6	5.80	.	.	.	4.0	120	155	4.0	2.0	.	.	.	.	2.0	.	.
4 KARENA	7	5.60	.	.	.	2.0	112	154	5.0	3.0	.	.	.	.	.0	.	.
5 AC RON	4	6.30	.	.	.	3.0	123	153	5.0	3.0	.	.	.	.	.0	.	.
6 OAC ARISS	12	5.00	.	.	.	4.0	114	154	4.0	4.0	.	.	.	.	.0	.	.
7 DELAWARE	14	4.00	.	.	.	9.0	122	155	3.0	3.0	.	.	.	.	1.0	.	.
8 CASEY	5	6.10	.	.	.	4.0	116	153	4.0	.0	.	.	.	.	1.0	.	.
9 RUBY	3	6.80	.	.	.	1.0	112	152	6.0	.0	.	.	.	.	1.0	.	.
10 FUNDULEA	1	7.00	.	.	.	.0	111	154	6.0	.0	.	.	.	.	.0	.	.
11 DIANA	10	5.30	.	.	.	1.0	122	154	5.0	3.0	.	.	.	.	.0	.	.
12 MARILEE	11	5.20	.	.	.	1.0	118	154	4.0	5.0	.	.	.	.	.0	.	.
13 AUGUSTA	13	4.90	.	.	.	3.0	118	154	7.0	4.0	.	.	.	.	2.0	.	.
14 FREEDOM	1	7.00	.	.	.	4.0	118	152	4.0	1.0	.	.	.	.	.0	.	.
MEANS		5.73	.	.	.	2.7	117	154	4.8	2.6	.	.	.	.	1.0	.	.
															.6		

LOCATION - WOODSLEE
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	8	6.50	.	.	.	.0	114	155	.0	3.0	.	.	.	.	.	.	.
2 REBECCA	9	6.20	.	.	.	1.0	107	156	1.0	4.0	.	.	.	.	.0	.	.
3 ZAVITZ	9	6.20	.	.	.	3.0	119	157	1.0	2.0	.	.	.	.	3.0	.	.
4 KARENA	5	7.00	.	.	.	.0	116	155	.0	2.0	.	.	.	.	1.0	.	.
5 AC RON	6	6.80	.	.	.	.0	116	155	1.0	4.0	.	.	.	.	1.0	.	.
6 OAC ARISS	6	6.80	.	.	.	.0	105	156	1.0	5.0	.	.	.	.	.0	.	.
7 DELAWARE	14	4.90	.	.	.	9.0	109	157	.0	4.0	.	.	.	.	1.0	.	.
8 CASEY	1	7.20	.	.	.	3.0	106	155	.0	1.0	.	.	.	.	.0	.	.
9 RUBY	1	7.20	.	.	.	.0	108	155	2.0	.0	.	.	.	.	.0	.	.
10 FUNDULEA	1	7.20	.	.	.	.0	103	155	2.0	.0	.	.	.	.	2.0	.	.
11 DIANA	12	6.10	.	.	.	1.0	109	156	.0	3.0	.	.	.	.	.0	.	.
12 MARILEE	13	5.80	.	.	.	.0	111	156	3.0	6.0	.	.	.	.	3.0	.	.
13 AUGUSTA	9	6.20	.	.	.	.0	118	156	1.0	4.0	.	.	.	.	.0	.	.
14 FREEDOM	1	7.20	.	.	.	.0	102	153	1.0	.0	.	.	.	.	2.0	.	.
MEANS		6.52	.	.	.	1.2	110	156	.9	2.7	.	.	.	.	.9	.	.

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

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

LOCATION - RIDGETOWN
 MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	6	6.57	73.8	39	.	.8	121	155	2.0	6.0	.	.	.	.	.	.	192
2 REBECCA	9	6.36	72.1	38	.	5.2	117	156	2.5	7.0	.	.	.	.	.	.	195
3 ZAVITZ	14	6.08	71.1	43	.	4.8	124	157	2.5	1.5	.	.	.	.	.	.	194
4 KARENA	7	6.51	72.3	36	.	3.5	126	156	2.0	7.0	.	.	.	.	.	.	194
5 AC RON	2	6.73	73.1	38	.	1.2	123	156	3.0	6.5	.	.	.	.	.	.	193
6 OAC ARISS	8	6.50	74.4	35	.	3.8	116	157	2.5	9.0	.	.	.	.	.	.	193
7 DELAWARE	12	6.17	67.8	36	.	7.5	118	158	1.0	6.5	.	.	.	.	.	.	194
8 CASEY	4	6.62	71.9	37	.	4.0	116	155	2.0	2.0	.	.	.	.	.	.	190
9 RUBY	5	6.60	78.7	40	.	.2	116	155	3.0	.5	.	.	.	.	.	.	191
10 FUNDULEA	3	6.68	78.1	33	.	.8	114	157	3.0	.5	.	.	.	.	.	.	193
11 DIANA	11	6.27	71.5	33	.	5.2	121	157	2.5	7.5	.	.	.	.	.	.	193
12 MARILEE	13	6.16	71.1	39	.	3.2	117	158	3.5	9.0	.	.	.	.	.	.	195
13 AUGUSTA	10	6.30	71.2	35	.	4.0	126	158	3.5	8.5	.	.	.	.	.	.	194
14 FREEDOM	1	7.33	74.2	34	.	1.8	112	156	1.5	1.0	.	.	.	.	.	.	195
MEANS		6.49	73.0	37	.	3.3	119	157	2.5	5.2	.	.	.	.	.	.	193

LOCATION - INWOOD
 MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	12	5.42	70.7	37	.	.2	111	.	.	.	.	.	.	.	.	.	.
2 REBECCA	3	5.76	70.9	39	.	1.5	109	.	.	.	.	.	.	.	.	.	.
3 ZAVITZ	8	5.53	68.2	44	.	.8	121	.	.	.	.	.	.	.	.	.	.
4 KARENA	11	5.46	70.2	36	.	1.2	120	.	.	.	.	.	.	.	.	.	.
5 AC RON	4	5.72	69.7	36	.	1.0	115	.	.	.	.	.	.	.	.	.	.
6 OAC ARISS	2	5.88	67.6	34	.	1.8	106	.	.	.	.	.	.	.	.	.	.
7 DELAWARE	1	5.90	68.4	40	.	3.5	109	.	.	.	.	.	.	.	.	.	.
8 CASEY	10	5.47	65.5	38	.	.8	108	.	.	.	.	.	.	.	.	.	.
9 RUBY	13	5.20	75.7	38	.	.0	111	.	.	.	.	.	.	.	.	.	.
10 FUNDULEA	5	5.63	75.8	34	.	.0	104	.	.	.	.	.	.	.	.	.	.
11 DIANA	9	5.52	67.1	34	.	1.0	110	.	.	.	.	.	.	.	.	.	.
12 MARILEE	6	5.61	68.6	41	.	.5	109	.	.	.	.	.	.	.	.	.	.
13 AUGUSTA	14	5.12	69.2	37	.	.2	115	.	.	.	.	.	.	.	.	.	.
14 FREEDOM	7	5.57	71.3	32	.	.2	104	.	.	.	.	.	.	.	.	.	.
MEANS		5.56	69.9	37	.	.9	111	.	.	.	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

LOCATION - NAIRN
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	5	6.50	73.9	38	.	2.3	103	156	.	2.4	7.0	1.6	.	.	.	.3	192
2 REBECCA	8	6.37	72.5	33	.	5.4	106	157	.	2.5	6.4	.4	.	.	.	.8	194
3 ZAVITZ	14	6.03	71.8	41	.	3.8	110	157	.	1.3	6.6	.6	.	.	.	1.3	193
4 KARENA	10	6.24	72.0	35	.	2.1	108	157	.	2.5	6.9	.8	.	.	.	2.1	193
5 AC RON	4	6.55	72.3	35	.	2.4	109	157	.	2.5	7.1	.6	.	.	.	3.3	192
6 OAC ARISS	11	6.20	75.3	35	.	2.1	101	157	.	4.0	7.3	.6	.	.	.	.8	193
7 DELAWARE	3	6.63	70.2	42	.	5.5	102	158	.	3.0	6.5	.9	.	.	.	.3	194
8 CASEY	2	6.83	73.3	38	.	4.1	101	156	.	3.0	7.1	.9	.	.	.	.5	191
9 RUBY	6	6.45	76.5	36	.	2.8	104	155	.	.3	6.9	.8	.	.	.	.0	190
10 FUNDULEA	8	6.37	77.1	32	.	3.1	99	158	.	.0	6.5	1.3	.	.	.	.0	194
11 DIANA	13	6.05	71.7	37	.	3.8	109	157	.	1.3	6.6	.8	.	.	.	.8	193
12 MARILEE	7	6.42	72.1	41	.	3.5	108	157	.	2.8	7.3	1.3	.	.	.	.0	194
13 AUGUSTA	12	6.09	71.3	38	.	4.0	114	158	.	2.8	7.3	.9	.	.	.	1.5	194
14 FREEDOM	1	6.90	72.0	40	.	4.8	99	157	.	1.5	6.6	1.8	.	.	.	.0	192
MEANS		6.40	73.0	37	.	3.5	105	157	.	2.1	6.9	.9	.	.	.	.8	193

LOCATION - CENTRALIA
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	7	4.29	69.8	33	.	.0	109	152	1.0	.	.	.	.	.	.	.	192
2 REBECCA	3	4.48	69.4	34	.	7.0	103	157	1.0	.	.	.	.	.	.	.	196
3 ZAVITZ	14	2.97	68.0	39	.	4.0	118	156	1.0	.	.	.	.	.	.	.	195
4 KARENA	13	3.71	68.8	35	.	.0	109	157	.0	.	.	.	.	.	.	.	195
5 AC RON	1	4.57	67.6	32	.	.0	109	157	1.0	.	.	.	.	.	.	.	195
6 OAC ARISS	4	4.47	70.8	32	.	.0	101	158	.0	.	.	.	.	.	.	.	195
7 DELAWARE	10	4.13	66.2	36	.	9.0	102	158	1.0	.	.	.	.	.	.	.	195
8 CASEY	11	4.12	68.2	34	.	6.0	104	156	1.0	.	.	.	.	.	.	.	195
9 RUBY	8	4.22	72.9	32	.	5.0	108	156	1.0	.	.	.	.	.	.	.	193
10 FUNDULEA	5	4.36	75.2	32	.	.0	106	158	1.0	.	.	.	.	.	.	.	193
11 DIANA	12	3.91	66.7	30	.	4.0	105	158	1.0	.	.	.	.	.	.	.	195
12 MARILEE	2	4.51	67.8	37	.	2.0	104	158	1.0	.	.	.	.	.	.	.	195
13 AUGUSTA	9	4.20	67.6	34	.	4.0	108	159	1.0	.	.	.	.	.	.	.	195
14 FREEDOM	6	4.33	70.3	29	.	.0	100	157	.0	.	.	.	.	.	.	.	196
MEANS		4.16	69.2	34	.	2.9	106	157	.8	.	.	.	.	.	.	.	195

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

LOCATION - LONDON
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	SRS 0-9	MDT *
1 HARUS	13 4.41	72.3	36	.	.7	115	.	.	.	.	.	.	.	.	.	.
2 REBECCA	10 4.75	72.2	40	.	1.7	106	.	.	.	.	.	.	.	.	.	.
3 ZAVITZ	14 4.27	68.1	39	.	3.3	126	.	.	.	.	.	.	.	.	.	.
4 KARENA	9 4.81	71.5	35	.	1.7	122	.	.	.	.	.	.	.	.	.	.
5 AC RON	2 5.41	71.8	37	.	3.3	120	.	.	.	.	.	.	.	.	.	.
6 OAC ARISS	7 4.98	73.2	34	.	3.0	110	.	.	.	.	.	.	.	.	.	.
7 DELAWARE	11 4.68	68.4	38	.	5.3	110	.	.	.	.	.	.	.	.	.	.
8 CASEY	12 4.54	71.2	38	.	3.0	112	.	.	.	.	.	.	.	.	.	.
9 RUBY	8 4.85	76.1	36	.	1.0	114	.	.	.	.	.	.	.	.	.	.
10 FUNDULEA	3 5.39	77.1	33	.	.7	112	.	.	.	.	.	.	.	.	.	.
11 DIANA	5 5.18	70.1	34	.	3.3	113	.	.	.	.	.	.	.	.	.	.
12 MARILEE	4 5.20	70.4	41	.	3.7	113	.	.	.	.	.	.	.	.	.	.
13 AUGUSTA	6 5.13	70.3	36	.	4.0	119	.	.	.	.	.	.	.	.	.	.
14 FREEDOM	1 5.51	73.1	33	.	3.3	109	.	.	.	.	.	.	.	.	.	.
MEANS	4.94	71.8	36	.	2.7	114	.	.	.	.	.	.	.	.	.	.

LOCATION - WINTHROP
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	SRS 0-9	MDT *
1 HARUS	13 6.04	74.2	38	100	2.5	107	160	1.0	.	3.5	.	.	.	.	.	.
2 REBECCA	3 6.46	74.2	37	97	5.5	107	161	2.0	.	3.1	.	.	.	.	.	.
3 ZAVITZ	14 5.96	71.6	43	98	5.0	113	162	3.0	.	3.3	.	.	.	.	.	.
4 KARENA	7 6.35	74.2	37	98	2.5	116	161	1.0	.	3.1	.	.	.	.	.	.
5 AC RON	7 6.35	73.5	41	97	4.3	111	161	2.0	.	4.3	.	.	.	.	.	.
6 OAC ARISS	11 6.14	75.5	34	99	2.8	108	161	4.0	.	3.3	.	.	.	.	.	.
7 DELAWARE	5 6.41	71.1	44	97	6.8	106	162	2.0	.	3.1	.	.	.	.	.	.
8 CASEY	2 6.52	73.4	36	99	3.5	104	160	2.0	.	2.1	.	.	.	.	.	.
9 RUBY	6 6.40	77.7	42	99	3.0	109	160	6.0	.	3.1	.	.	.	.	.	.
10 FUNDULEA	10 6.18	78.7	39	98	3.8	108	162	4.0	.	3.0	.	.	.	.	.	.
11 DIANA	9 6.28	73.2	32	99	4.3	108	161	2.0	.	3.8	.	.	.	.	.	.
12 MARILEE	4 6.43	72.7	42	97	3.8	107	162	2.0	.	3.4	.	.	.	.	.	.
13 AUGUSTA	11 6.14	73.0	35	100	4.8	121	162	5.0	.	3.8	.	.	.	.	.	.
14 FREEDOM	1 6.64	75.0	36	96	3.3	100	161	3.0	.	2.1	.	.	.	.	.	.
MEANS	6.31	74.1	38	98	4.0	109	161	2.8	.	3.2	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

LOCATION - WOODSTOCK
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	14	6.52	73.6	38	.	.0	103	158	1.0	.	.	.	.	.	.	.	194
2 REBECCA	8	7.13	73.6	41	.	.0	105	160	1.5	.	.	.	.	.	.	.	197
3 ZAVITZ	3	7.49	72.3	42	.	.0	115	161	1.5	.	.	.	.	.	.	.	197
4 KARENA	12	6.85	72.3	39	.	.0	111	160	.5	.	.	.	.	.	.	.	195
5 AC RON	4	7.43	73.0	40	.	.0	109	159	1.0	.	.	.	.	.	.	.	194
6 OAC ARISS	6	7.23	74.8	35	.	1.0	100	161	.5	.	.	.	.	.	.	.	196
7 DELAWARE	10	7.08	69.9	41	.	4.3	101	162	1.0	.	.	.	.	.	.	.	195
8 CASEY	5	7.32	72.3	43	.	.0	100	159	1.5	.	.	.	.	.	.	.	194
9 RUBY	2	7.53	77.3	38	.	.0	103	159	2.0	.	.	.	.	.	.	.	195
10 FUNDULEA	13	6.80	76.1	31	.	.0	99	161	2.0	.	.	.	.	.	.	.	196
11 DIANA	7	7.19	71.1	36	.	.0	105	160	1.5	.	.	.	.	.	.	.	194
12 MARILEE	10	7.08	71.1	39	.	.0	104	162	.5	.	.	.	.	.	.	.	197
13 AUGUSTA	8	7.13	71.7	36	.	.0	110	161	1.0	.	.	.	.	.	.	.	195
14 FREEDOM	1	7.65	73.6	35	.	.5	100	159	1.0	.	.	.	.	.	.	.	197
MEANS		7.17	73.1	38	.	.4	105	160	1.2	.	.	.	.	.	.	.	195

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	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	9	7.25	74.2	35	.	2.0	111	165	2.0	.	3.5	.	.	.	.	.	200
2 REBECCA	7	7.43	73.9	37	.	4.0	105	166	2.3	.	4.3	.	.	.	.	.	201
3 ZAVITZ	13	6.94	71.1	40	.	4.0	115	167	2.0	.	3.3	.	.	.	.	.	201
4 KARENA	4	7.56	73.6	37	.	2.5	115	166	1.8	.	3.3	.	.	.	.	.	200
5 AC RON	3	7.65	72.3	34	.	4.8	113	165	2.5	.	3.5	.	.	.	.	.	200
6 OAC ARISS	6	7.50	74.2	32	.	2.8	105	167	3.0	.	3.0	.	.	.	.	.	200
7 DELAWARE	11	7.06	69.9	38	.	7.3	106	168	1.5	.	2.8	.	.	.	.	.	200
8 CASEY	1	7.81	73.6	37	.	3.8	106	166	1.3	.	4.0	.	.	.	.	.	199
9 RUBY	10	7.24	77.3	38	.	2.5	108	166	3.8	.	3.0	.	.	.	.	.	200
10 FUNDULEA	14	6.72	73.6	29	.	.8	103	168	2.5	.	2.0	.	.	.	.	.	200
11 DIANA	8	7.36	71.1	32	.	4.0	109	166	2.3	.	3.3	.	.	.	.	.	199
12 MARILEE	5	7.55	71.7	39	.	4.3	108	167	3.0	.	3.3	.	.	.	.	.	200
13 AUGUSTA	12	6.99	71.1	34	.	4.3	115	168	3.0	.	3.0	.	.	.	.	.	200
14 FREEDOM	2	7.70	73.0	33	.	4.3	105	166	1.3	.	2.5	.	.	.	.	.	201
MEANS		7.34	72.9	35	.	3.6	109	166	2.3	.	3.2	.	.	.	.	.	200

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

LOCATION - GUELPH
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	4	5.49	72.9	37	.	2.5	103	160	.5	.	.	.	.	.	.	.	.
2 REBECCA	9	5.12	72.4	37	.	4.5	102	163	1.0	.	.	.	.	.	.	.	.
3 ZAVITZ	8	5.31	69.6	43	.	2.3	111	163	1.3	.	.	.	.	.	.	.	.
4 KARENA	6	5.39	72.1	37	.	3.8	104	161	.8	.	.	.	.	.	.	.	.
5 AC RON	2	5.90	71.7	36	.	4.0	104	161	1.3	.	.	.	.	.	.	.	.
6 OAC ARISS	5	5.46	73.1	34	.	6.3	99	163	1.8	.	.	.	.	.	.	.	.
7 DELAWARE	14	4.79	72.9	41	.	6.8	95	164	.8	.	.	.	.	.	.	.	.
8 CASEY	11	4.84	72.1	40	.	4.3	96	161	.5	.	.	.	.	.	.	.	.
9 RUBY	11	4.84	75.7	35	.	2.8	102	160	.8	.	.	.	.	.	.	.	.
10 FUNDULEA	1	5.99	77.6	34	.	.8	100	164	1.8	.	.	.	.	.	.	.	.
11 DIANA	11	4.84	71.1	35	.	5.0	98	162	1.5	.	.	.	.	.	.	.	.
12 MARILEE	3	5.65	71.4	40	.	3.0	100	164	1.8	.	.	.	.	.	.	.	.
13 AUGUSTA	10	4.85	71.1	37	.	5.8	106	163	1.8	.	.	.	.	.	.	.	.
14 FREEDOM	7	5.35	72.4	33	.	4.5	99	161	.0	.	.	.	.	.	.	.	.
MEANS		5.27	72.6	37	.	4.0	101	162	1.1	.	.	.	.	.	.	.	.

LOCATION - HARRISTON
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	11	5.38	73.3	40	93	.	95	163	1.0	.	2.3	.	.	.	.	.	.
2 REBECCA	13	5.28	73.8	45	95	.	90	165	1.0	.	2.0	.	.	.	.	.	.
3 ZAVITZ	11	5.38	71.8	45	95	.	105	164	1.0	.	3.3	.	.	.	.	.	.
4 KARENA	9	5.39	74.3	42	91	.	100	165	1.0	.	2.0	.	.	.	.	.	.
5 AC RON	5	5.55	73.0	40	95	.	98	164	1.0	.	2.0	.	.	.	.	.	.
6 OAC ARISS	4	5.62	74.9	39	95	.	93	165	1.0	.	2.0	.	.	.	.	.	.
7 DELAWARE	1	6.00	71.4	47	95	.	93	167	1.0	.	2.0	.	.	.	.	.	.
8 CASEY	3	5.72	73.4	42	93	.	93	163	1.0	.	2.3	.	.	.	.	.	.
9 RUBY	9	5.39	76.7	40	95	.	95	163	1.0	.	2.0	.	.	.	.	.	.
10 FUNDULEA	14	5.14	78.3	38	95	.	93	167	2.0	.	3.0	.	.	.	.	.	.
11 DIANA	7	5.49	72.4	41	91	.	95	165	1.3	.	2.7	.	.	.	.	.	.
12 MARILEE	6	5.51	72.9	46	93	.	95	166	2.3	.	2.7	.	.	.	.	.	.
13 AUGUSTA	8	5.44	73.0	42	91	.	100	166	1.0	.	2.3	.	.	.	.	.	.
14 FREEDOM	2	5.81	74.0	39	94	.	95	164	.7	.	1.7	.	.	.	.	.	.
MEANS		5.51	73.8	42	94	.	96	165	1.2	.	2.3	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

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	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS			74.1	36	91	.	.	.	.	.	.	.	.	.	.	.	.
2 REBECCA	.	.	72.1	37	95	.	.	.	.	.	.	.	.	6.0	.	.	.
3 ZAVITZ	.	.	72.7	42	93	.	.	.	.	.	.	.	.	8.0	.	.	.
4 KARENA	.	.	73.1	35	93	.	.	.	.	.	.	.	.	5.0	.	.	.
5 AC RON	.	.	73.3	39	93	.	.	.	.	.	.	.	.	8.0	.	.	.
6 OAC ARISS	.	.	75.8	35	93	.	.	.	.	.	.	.	.	6.0	.	.	.
7 DELAWARE	.	.	71.4	41	93	.	.	.	.	.	.	.	.	5.3	.	.	.
8 CASEY	.	.	73.3	36	93	.	.	.	.	.	.	.	.	3.7	.	.	.
9 RUBY	.	.	78.0	34	95	.	.	.	.	.	.	.	.	4.3	.	.	.
10 FUNDULEA	.	.	78.5	36	98	.	.	.	.	.	.	.	.	8.0	.	.	.
11 DIANA	.	.	73.5	37	94	.	.	.	.	.	.	.	.	1.0	.	.	.
12 MARILEE	.	.	71.9	41	94	.	.	.	.	.	.	.	.	6.7	.	.	.
13 AUGUSTA	.	.	70.7	36	93	.	.	.	.	.	.	.	.	1.0	.	.	.
14 FREEDOM	.	.	74.0	34	93	.	.	.	.	.	.	.	.	7.0	.	.	.
MEANS	.	.	73.8	37	94	.	.	.	.	.	.	.	.	5.3	.	.	.

LOCATION - KEMPTVILLE
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	12	4.25	75.0	27	.	2.0	109	159	.	.	.	.	.	.	.	.	.
2 REBECCA	6	4.47	74.0	35	.	4.0	110	160	.	.	.	.	.	.	.	.	.
3 ZAVITZ	1	4.96	73.0	37	.	4.0	115	160	.	.	.	.	.	.	.	.	.
4 KARENA	7	4.46	76.0	32	.	2.0	113	160	.	.	.	.	.	.	.	.	.
5 AC RON	8	4.34	75.0	29	.	1.0	114	160	.	.	.	.	.	.	.	.	.
6 OAC ARISS	10	4.33	78.0	31	.	1.0	104	160	.	.	.	.	.	.	.	.	.
7 DELAWARE	4	4.55	73.0	36	.	5.0	106	161	.	.	.	.	.	.	.	.	.
8 CASEY	5	4.53	75.0	34	.	3.0	106	160	.	.	.	.	.	.	.	.	.
9 RUBY	14	3.74	78.0	29	.	3.0	106	159	.	.	.	.	.	.	.	.	.
10 FUNDULEA	8	4.34	78.0	27	.	3.0	103	160	.	.	.	.	.	.	.	.	.
11 DIANA	11	4.26	73.0	27	.	4.0	110	160	.	.	.	.	.	.	.	.	.
12 MARILEE	3	4.56	72.0	33	.	1.0	110	160	.	.	.	.	.	.	.	.	.
13 AUGUSTA	13	4.21	74.0	31	.	4.0	118	160	.	.	.	.	.	.	.	.	.
14 FREEDOM	2	4.75	74.0	29	.	3.0	106	159	.	.	.	.	.	.	.	.	.
MEANS		4.41	74.9	31	.	2.9	109	160	.	.	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; FALL PASTRY AND RED WHEAT 1995

LOCATION - OTTAWA-1
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	14	4.97	71.2	31	86	.	95	159	.	.	.	.	.	.	.	.	.
2 REBECCA	2	5.51	70.5	33	93	.	94	159	.	.	.	.	.	.	.	.	.
3 ZAVITZ	7	5.42	69.6	41	94	.	105	160	.	.	.	.	.	.	.	.	.
4 KARENA	9	5.32	71.6	31	91	.	96	159	.	.	.	.	.	.	.	.	.
5 AC RON	1	5.55	70.7	32	93	.	99	159	.	.	.	.	.	.	.	.	.
6 OAC ARISS	4	5.46	72.4	28	90	.	91	161	.	.	.	.	.	.	.	.	.
7 DELAWARE	4	5.46	68.4	32	96	.	94	162	.	.	.	.	.	.	.	.	.
8 CASEY	10	5.29	72.2	30	91	.	89	160	.	.	.	.	.	.	.	.	.
9 RUBY	11	5.25	75.3	31	94	.	103	158	.	.	.	.	.	.	.	.	.
10 FUNDULEA	12	5.22	77.4	31	95	.	94	163	.	.	.	.	.	.	.	.	.
11 DIANA	4	5.46	70.1	30	95	.	101	160	.	.	.	.	.	.	.	.	.
12 MARILEE	13	5.13	69.7	34	94	.	98	161	.	.	.	.	.	.	.	.	.
13 AUGUSTA	3	5.47	70.2	32	93	.	101	161	.	.	.	.	.	.	.	.	.
14 FREEDOM	8	5.41	70.3	31	93	.	88	159	.	.	.	.	.	.	.	.	.
MEANS		5.35	71.4	32	93	.	96	160	.	.	.	.	.	.	.	.	.

LOCATION - BEACHBURG
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	SUR %	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA															
1 HARUS	.	.	.	40	75	.	88	161	.	.	.	.	.	.	.	.	.
2 REBECCA	.	.	.	37	71	.	75	163	.	.	.	.	.	.	.	.	.
3 ZAVITZ	.	.	.	42	80	.	78	163	.	.	.	.	.	.	.	.	.
4 KARENA	.	.	.	38	59	.	75	165	.	.	.	.	.	.	.	.	.
5 AC RON	.	.	.	40	83	.	88	161	.	.	.	.	.	.	.	.	.
6 OAC ARISS	.	.	.	38	79	.	78	166	.	.	.	.	.	.	.	.	.
7 DELAWARE	.	.	.	41	75	.	78	167	.	.	.	.	.	.	.	.	.
8 CASEY	.	.	.	37	67	.	78	161	.	.	.	.	.	.	.	.	.
9 RUBY	.	.	.	39	84	.	80	161	.	.	.	.	.	.	.	.	.
10 FUNDULEA	.	.	.	37	73	.	78	164	.	.	.	.	.	.	.	.	.
11 DIANA	.	.	.	40	83	.	80	164	.	.	.	.	.	.	.	.	.
12 MARILEE	.	.	.	42	72	.	80	164	.	.	.	.	.	.	.	.	.
13 AUGUSTA	.	.	.	40	80	.	85	165	.	.	.	.	.	.	.	.	.
14 FREEDOM	.	.	.	43	78	.	80	162	.	.	.	.	.	.	.	.	.
MEANS		.	.	40	76	.	80	163	.	.	.	.	.	.	.	.	.

* DAYS FROM JAN.1

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

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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 TRIALS; SPRING RED AND WHITE WHEAT 1995

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 and stem rust. Susceptible to powdery mildew and septoria. A short, strong strawed cultivar with good flour yield and ash content.

CDC Teal, (W84315):

BW514/BIT//BW38. Developed at the Crop Development Centre at the University of Saskatchewan by Dr.G.R.Hughes. Sponsored by W.G. Thompson and Sons Ltd. A high yielding red spring wheat with moderate resistance to mildew and stem rust. susceptible to leaf rust and septoria.

AC Reed, (SWS:087):

Potom303/Dirkwin//Kenya321/Fieldwin. A soft white spring cultivar developed at Agriculture and Agri-Food Canada, Lethbridge, Alberta. A semi dwarf variety with very strong straw. Susceptible to most prevalent diseases. Has a regional registration for western Canada.

Pacific, (BW90):

RL4302/RL4356//RL4359/RL4353. A hard red spring wheat developed by Dr.T.F.Townley-Smith at Agriculture and Agri-Food Canada, Winnipeg. Co-sponsored by the University of Guelph and C&M Seeds Ltd. A high yielding wheat with a high test weight and kernel weight and good powdery mildew scores. Has a regional registration for eastern Canada.

AC Voyageur, (QW522:3):

From Agriculture and Agri-Food Canada, 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.

Grandin, (Len//Butte*2/ND507/3/ND593)

A very high yielding hard red spring wheat developed at North Dakota State University. semi dwarf wheat with strong straw and good ratings for most prevalent diseases, however, has poor head blight scores. Has an interim regional registration for eastern Canada.

SS Blomidon, (WEIH23.1/Kokart)

A very high yielding hard red spring wheat bred in Hege, Germany and represented in Canada by Minas Seed Co-op in Canning, Nova Scotia. W.G. Thompson & Sons Ltd. has the Ontario rights. Good resistance to most prevalent diseases. Heading date five days later than Celtic. Has a regional registration for eastern Canada.

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 93-95
 MGMT : NORMAL

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4.

KEY NAME	AREA 2 (9)*	AREA 3 (5)	AREA 5 (5)	PROVINCE (19)**
1 CELTIC	98.2	103.4	96.3	99.1
2 CDC TEAL	98.4	96.6	98.7	98.0
3 AC REED	73.1	106.6	96.5	88.1
4 PACIFIC	103.4	100.0	105.1	102.9
CHECKS MEAN	3.13	4.05	3.65	3.51

TRAIT : YIELD
 YEAR(S) : 1993 & 1995 +
 MGMT : NORMAL

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 6.

KEY NAME	AREA 2 (6)*	AREA 3 (3)	AREA 5 (3)	PROVINCE (12)**
1 CELTIC	96.7	105.2	97.5	99.0
2 CDC TEAL	99.5	95.6	98.1	98.2
3 AC REED	69.3	102.0	99.3	85.0
4 PACIFIC	103.8	99.3	104.4	102.8
6 GRANDIN	101.8	118.7	107.9	107.5
CHECKS MEAN	3.22	4.35	3.89	3.67

+ 1994 DATA WERE EXCLUDED FROM SUMMARIES BECAUSE GRANDIN WAS NOT GROWN IN TRIAL.
 * # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

TRAIT : YIELD
 YEAR(S) : 94-95
 MGMT : NORMAL

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 5.

KEY NAME	AREA 2 (6)*	AREA 3 (4)	AREA 5 (4)	PROVINCE (14)**
1 CELTIC	99.3	102.6	95.6	99.2
2 CDC TEAL	97.4	97.5	96.9	97.3
3 AC REED	83.4	109.8	92.0	93.4
4 PACIFIC	103.1	99.6	103.5	102.2
5 AC VOYAGEUR	100.2	100.2	104.0	101.3
CHECKS MEAN	3.12	3.84	3.39	3.41

TRAIT : YIELD
 YEAR : 95
 MGMT : NORMAL

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 5 6 7.

KEY NAME	AREA 2 (3)*	AREA 3 (2)	AREA 5 (2)	PROVINCE (7)**
1 CELTIC	94.4	99.4	97.8	96.8
2 CDC TEAL	95.4	92.4	95.6	94.6
3 AC REED	83.3	101.4	92.8	91.2
4 PACIFIC	100.7	93.5	102.3	99.1
5 AC VOYAGEUR	98.3	90.1	107.8	98.7
6 GRANDIN	100.9	118.0	107.4	107.6
7 SS BLOMIDON	110.3	106.5	89.0	103.1
CHECKS MEAN	3.39	4.30	3.44	3.66

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

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

"CHECKS" REFERS TO ENTRIES: 1 2 4.

TRAIT : YIELD
 YEAR(S): 93-95
 AREA : 2

KEY NAME	EA93N	WP93N	HN93N	WP94N	EA94N	HN94N	WP95N	EA95N	HN95N	MEAN*
1 CELTIC	2.52	2.50	4.05	2.27	3.56	3.17	2.45	3.96	3.23	3.08
2 CDC TEAL	3.48	2.20	3.88	2.32	3.43	2.76	2.50	3.95	3.28	3.09
3 AC REED	2.06	0.91	2.08	2.02	3.00	2.12	1.92	3.31	3.34	2.31
4 PACIFIC	3.33	2.53	3.89	2.32	3.51	3.25	2.70	4.02	3.51	3.23
CHECKS MEAN	3.11	2.42	3.94	2.30	3.50	3.06	2.55	3.98	3.34	3.13

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4.

KEY NAME	EA93N	WP93N	HN93N	WP94N	EA94N	HN94N	WP95N	EA95N	HN95N	MEAN*
1 CELTIC	81	104	103	99	102	104	96	100	97	98
2 CDC TEAL	112	91	98	101	98	90	98	99	98	98
3 AC REED	66	38	53	88	86	69	75	83	100	73
4 PACIFIC	107	105	99	101	100	106	106	101	105	103
CHECKS MEAN	3.11	2.42	3.94	2.30	3.50	3.06	2.55	3.98	3.34	3.13

TRAIT : YIELD
 YEAR(S): 93-95
 AREA : 3

KEY NAME	O193N	KE94N	O194N	KE95N	O195N	MEAN
1 CELTIC	5.19	3.41	3.85	4.71	3.81	4.19
2 CDC TEAL	4.51	3.41	3.65	4.34	3.57	3.90
3 AC REED	4.53	3.82	4.35	4.63	4.02	4.27
4 PACIFIC	4.93	3.59	3.68	4.64	3.42	4.05
CHECKS MEAN	4.88	3.47	3.73	4.56	3.60	4.05

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4.

KEY NAME	O193N	KE94N	O194N	KE95N	O195N	MEAN*
1 CELTIC	106	98	103	103	106	103
2 CDC TEAL	92	98	98	95	99	97
3 AC REED	93	110	117	101	112	107
4 PACIFIC	101	103	99	102	95	100
CHECKS MEAN	4.88	3.47	3.73	4.56	3.60	4.05

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

"CHECKS" REFERS TO ENTRIES: 1 2 4.

TRAIT : YIELD
 YEAR(S) : 93-95
 AREA : 5

KEY NAME	NL93N	NL94N	EO94N	NL95N	EO95N	MEAN
1 CELTIC	4.56	3.62	2.57	3.81	2.88	3.49
2 CDC TEAL	4.88	4.01	2.57	4.03	2.60	3.62
3 AC REED	5.30	4.30	1.98	3.54	2.79	3.58
4 PACIFIC	5.14	3.95	2.97	4.40	2.72	3.84
CHECKS MEAN	4.86	3.86	2.70	4.08	2.73	3.65

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4.

KEY NAME	NL93N	NL94N	EO94N	NL95N	EO95N	MEAN*
1 CELTIC	94	94	95	93	105	96
2 CDC TEAL	100	104	95	99	95	99
3 AC REED	109	111	73	87	102	97
4 PACIFIC	106	102	110	108	100	105
CHECKS MEAN	4.86	3.86	2.70	4.08	2.73	3.65

TRAIT : YIELD
 YEAR(S) : 93-95
 MGMT : NORMAL

KEY NAME	AREA 2 (9)**	AREA 3 (5)	AREA 5 (5)	PROVINCE (19)***
1 CELTIC	3.08	4.19	3.49	3.48
2 CDC TEAL	3.09	3.90	3.62	3.44
3 AC REED	2.31	4.27	3.58	3.16
4 PACIFIC	3.23	4.05	3.84	3.61
CHECKS MEAN	3.13	4.05	3.65	3.51

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4.

KEY NAME	AREA 2 (9)**	AREA 3 (5)	AREA 5 (5)	PROVINCE (19)***
1 CELTIC	98.2	103.4	96.3	99.1
2 CDC TEAL	98.4	96.6	98.7	98.0
3 AC REED	73.1	106.6	96.5	88.1
4 PACIFIC	103.4	100.0	105.1	102.9
CHECKS MEAN	3.13	4.05	3.65	3.51

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

** # OF LOCATIONS

*** MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

YEAR(S): 93-95
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	3	3.08	74.9	35	1.4	86	55	3.2	.5	3.6	1.4	2.0	.	.	1.3	89
2 CDC TEAL	2	3.09	73.7	33	1.7	95	55	2.5	4.0	3.8	1.9	2.3	.	.	2.8	87
3 AC REED	4	2.31	64.7	26	1.3	80	55	4.3	6.0	5.1	.9	2.3	.	.	6.7	88
4 PACIFIC	1	3.23	74.8	33	3.1	104	55	1.6	3.0	3.1	1.9	2.5	.	.	2.3	88
LOCATIONS		9	10	10	4	9	9	8	1	7	2	2	0	0	2	1

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

YEAR(S): 93-95
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	2	4.19	79.4	34	.0	81	56	.	.	.	.	.	.	.	.	.
2 CDC TEAL	4	3.90	79.3	33	.3	91	56	.	.	.	.	.	.	.	.	.
3 AC REED	1	4.27	76.7	34	.0	77	55	.	.	.	.	.	.	.	.	.
4 PACIFIC	3	4.05	80.9	34	3.2	101	55	.	.	.	.	.	.	.	.	.
LOCATIONS		5	5	5	3	4	4	0	0	0	0	0	0	0	0	0

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

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

YEAR(S): 93-95
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	4	3.49	73.8	33	1.0	82	53	.	.	6.3	.	.	.	.	.	96
2 CDC TEAL	2	3.62	73.7	34	1.5	92	53	.	.	7.5	.	.	.	.	.	96
3 AC REED	3	3.58	69.9	30	1.3	78	53	.	.	8.8	.	.	.	.	.	94
4 PACIFIC	1	3.84	74.1	34	1.6	100	53	.	.	6.8	.	.	.	.	.	97
LOCATIONS		5	6	6	4	6	4	0	0	1	0	0	0	0	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:

1993: LISKEARD.

1994: NEW LISKEARD, EMO.

1995: NEW LISKEARD, EMO.

YEAR(S): 93-95
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	2	3.48	75.6	34	.9	83	55	3.2	.5	4.0	1.4	2.0	.	.	1.3	94
2 CDC TEAL	3	3.44	75.0	33	1.2	93	55	2.5	4.0	4.3	1.9	2.3	.	.	2.8	93
3 AC REED	4	3.16	69.0	29	.9	79	55	4.3	6.0	5.6	.9	2.3	.	.	6.7	92
4 PACIFIC	1	3.61	76.1	34	2.6	102	55	1.6	3.0	3.6	1.9	2.5	.	.	2.3	94
LOCATIONS		19	21	21	11	19	17	8	1	8	2	2	0	0	2	3

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.

1995: 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 TRIALS; SPRING RED AND WHITE WHEAT 1995
 ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

"CHECKS" REFERS TO ENTRIES: 1 2 4 6.

TRAIT : YIELD
 YEAR(S): 1993 & 1995**
 AREA : 2

KEY NAME	EA93N	WP93N	HN93N	WP95N	EA95N	HN95N	MEAN
1 CELTIC	2.52	2.50	4.05	2.45	3.96	3.23	3.12
2 CDC TEAL	3.48	2.20	3.88	2.50	3.95	3.28	3.22
3 AC REED	2.06	0.91	2.08	1.92	3.31	3.34	2.27
4 PACIFIC	3.33	2.53	3.89	2.70	4.02	3.51	3.33
6 GRANDIN	3.01	2.57	3.75	2.64	4.05	3.58	3.27
CHECKS MEAN	3.09	2.45	3.89	2.57	4.00	3.40	3.23

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 6.

KEY NAME	EA93N	WP93N	HN93N	WP95N	EA95N	HN95N	MEAN*
1 CELTIC	82	102	104	95	99	95	96
2 CDC TEAL	113	90	100	97	99	96	99
3 AC REED	67	37	53	75	83	98	69
4 PACIFIC	108	103	100	105	101	103	103
6 GRANDIN	98	105	96	103	101	105	101
CHECKS MEAN	3.09	2.45	3.89	2.57	4.00	3.40	3.23

TRAIT : YIELD
 YEAR(S): 1993 & 1995**
 AREA : 3

KEY NAME	O193N	KE95N	O195N	MEAN
1 CELTIC	5.19	4.71	3.81	4.57
2 CDC TEAL	4.51	4.34	3.57	4.14
3 AC REED	4.53	4.63	4.02	4.39
4 PACIFIC	4.93	4.64	3.42	4.33
6 GRANDIN	5.26	5.81	4.35	5.14
CHECKS MEAN	4.97	4.88	3.79	4.55

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 6.

KEY NAME	O193N	KE95N	O195N	MEAN*
1 CELTIC	104	97	101	101
2 CDC TEAL	91	89	94	91
3 AC REED	91	95	106	97
4 PACIFIC	99	95	90	95
6 GRANDIN	106	119	115	113
CHECKS MEAN	4.97	4.88	3.79	4.55

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS
 ** 1994 DATA WERE EXCLUDED FROM SUMMARIES BECAUSE GRANDIN WAS NOT GROWN IN TRIAL.

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

"CHECKS" REFERS TO ENTRIES: 1 2 4 6.

TRAIT : YIELD
 YEAR(S): 1993 & 1995**
 AREA : 5

KEY NAME	NL93N	NL95N	EO95N	MEAN
1 CELTIC	4.56	3.81	2.88	3.75
2 CDC TEAL	4.88	4.03	2.60	3.84
3 AC REED	5.30	3.54	2.79	3.88
4 PACIFIC	5.14	4.40	2.72	4.09
6 GRANDIN	5.14	4.47	2.96	4.19
CHECKS MEAN	4.93	4.18	2.79	3.97

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 6.

KEY NAME	NL93N	NL95N	EO95N	MEAN*
1 CELTIC	92	91	103	96
2 CDC TEAL	99	96	93	96
3 AC REED	108	85	100	97
4 PACIFIC	104	105	97	102
6 GRANDIN	104	107	106	106
CHECKS MEAN	4.93	4.18	2.79	3.97

TRAIT : YIELD
 YEAR(S): 1993 & 1995**

KEY NAME	AREA 2 (6)+	AREA 3 (3)	AREA 5 (3)	PROVINCE (12)++
1 CELTIC	3.12	4.57	3.75	3.64
2 CDC TEAL	3.22	4.14	3.84	3.60
3 AC REED	2.27	4.39	3.88	3.20
4 PACIFIC	3.33	4.33	4.09	3.77
6 GRANDIN	3.27	5.14	4.19	3.97
CHECKS MEAN	3.22	4.35	3.89	3.67

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 6.

KEY NAME	AREA 2 (6)+	AREA 3 (3)	AREA 5 (3)	PROVINCE (12)++
1 CELTIC	96.2	100.5	95.6	97.2
2 CDC TEAL	99.1	91.3	96.2	96.4
3 AC REED	68.9	97.4	97.4	83.2
4 PACIFIC	103.4	94.9	102.4	101.0
6 GRANDIN	101.3	113.3	105.8	105.4
CHECKS MEAN	3.23	4.55	3.97	3.74

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS
 ** 1994 DATA WERE EXCLUDED FROM SUMMARIES BECAUSE GRANDIN WAS NOT GROWN IN TRIAL.
 + # OF LOCATIONS

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

YEAR(S): 1993 & 1995**
AREA : 2

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	4	3.12	74.4	34	.5	85	56	4.0	.5	4.1	.	2.5	.	.	1.3	89
2 CDC TEAL	3	3.22	73.4	32	1.5	96	55	3.2	4.0	3.7	.	3.5	.	.	2.8	87
3 AC REED	5	2.27	62.9	25	1.0	80	56	5.4	6.0	5.5	.	3.5	.	.	6.7	88
4 PACIFIC	1	3.33	74.4	32	2.5	105	56	1.8	3.0	3.0	.	4.0	.	.	2.3	88
6 GRANDIN	2	3.27	74.3	34	1.1	88	55	3.0	2.0	4.9	.	3.5	.	.	2.5	88
LOCATIONS		6	7	7	2	6	6	5	1	5	0	1	0	0	2	1

YIELD AVERAGES WERE BASED ON DATA FROM: 1993: WINTHROP, ELORA, HARRISTON.
1995: WINTHROP, ELORA, HARRISTON.YEAR(S): 1993 & 1995**
AREA : 3

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	2	4.57	78.1	34	.0	82	56	.	.	.	.	.	.	.	.	.
2 CDC TEAL	5	4.14	78.2	32	.4	96	57	.	.	.	.	.	.	.	.	.
3 AC REED	3	4.39	77.1	33	.0	78	56	.	.	.	.	.	.	.	.	.
4 PACIFIC	4	4.33	79.9	34	3.8	105	56	.	.	.	.	.	.	.	.	.
6 GRANDIN	1	5.14	80.1	38	.0	85	55	.	.	.	.	.	.	.	.	.
LOCATIONS		3	3	3	2	2	2	0	0	0	0	0	0	0	0	0

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

YEAR(S): 1993 & 1995**
AREA : 5

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	5	3.75	74.0	34	1.0	83	55	.	.	6.3	.	.	.	.	.	96
2 CDC TEAL	4	3.84	74.3	35	1.6	91	55	.	.	7.5	.	.	.	.	.	96
3 AC REED	3	3.88	70.3	30	1.3	78	55	.	.	8.8	.	.	.	.	.	94
4 PACIFIC	2	4.09	74.0	35	1.8	100	55	.	.	6.8	.	.	.	.	.	97
6 GRANDIN	1	4.19	76.0	38	1.0	84	55	.	.	7.0	.	.	.	.	.	96
LOCATIONS		3	4	4	3	4	2	0	0	1	0	0	0	0	0	2

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

YEAR(S): 1993 & 1995**
AREA(S): 2- 5

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	3	3.64	75.1	34	.6	84	56	4.0	.5	4.5	.	2.5	.	.	1.3	94
2 CDC TEAL	4	3.60	74.7	33	1.2	94	55	3.2	4.0	4.3	.	3.5	.	.	2.8	93
3 AC REED	5	3.20	68.0	28	.9	79	55	5.4	6.0	6.1	.	3.5	.	.	6.7	92
4 PACIFIC	2	3.77	75.5	33	2.6	103	56	1.8	3.0	3.7	.	4.0	.	.	2.3	94
6 GRANDIN	1	3.97	76.1	36	.8	86	55	3.0	2.0	5.3	.	3.5	.	.	2.5	93
LOCATIONS		12	14	14	7	12	10	5	1	6	0	1	0	0	2	3

YIELD AVERAGES WERE BASED ON DATA FROM:
1993: WINTHROP, ELORA, HARRISTON, OTTAWA-1, NEW LISKEARD.
1995: WINTHROP, ELORA, HARRISTON, OTTAWA-1, KEMPTVILLE, NEW LISKEARD, EMO.A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS
* DAYS FROM PLANTING

** 1994 DATA WERE EXCLUDED FROM AVERAGES

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995
 ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

"CHECKS" REFERS TO ENTRIES: 1 2 4 5.

TRAIT : YIELD
 YEAR(S): 94-95
 AREA : 2

KEY NAME	WP94N	EA94N	HN94N	WP95N	EA95N	HN95N	MEAN*
1 CELTIC	2.27	3.56	3.17	2.45	3.96	3.23	3.11
2 CDC TEAL	2.32	3.43	2.76	2.50	3.95	3.28	3.04
3 AC REED	2.02	3.00	2.12	1.92	3.31	3.34	2.62
4 PACIFIC	2.32	3.51	3.25	2.70	4.02	3.51	3.22
5 AC VOYAGEUR	2.29	3.42	3.05	2.52	3.96	3.55	3.13
CHECKS MEAN	2.30	3.48	3.06	2.54	3.97	3.39	3.12

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 5.

KEY NAME	WP94N	EA94N	HN94N	WP95N	EA95N	HN95N	MEAN*
1 CELTIC	99	102	104	96	100	95	99
2 CDC TEAL	101	99	90	98	99	97	97
3 AC REED	88	86	69	76	83	98	83
4 PACIFIC	101	101	106	106	101	103	103
5 AC VOYAGEUR	100	98	100	99	100	105	100
CHECKS MEAN	2.30	3.48	3.06	2.54	3.97	3.39	3.12

TRAIT : YIELD
 YEAR(S): 94-95
 AREA : 3

KEY NAME	KE94N	O194N	KE95N	O195N	MEAN
1 CELTIC	3.41	3.85	4.71	3.81	3.95
2 CDC TEAL	3.41	3.65	4.34	3.57	3.74
3 AC REED	3.82	4.35	4.63	4.02	4.20
4 PACIFIC	3.59	3.68	4.64	3.42	3.83
5 AC VOYAGEUR	3.44	4.22	4.48	3.29	3.86
CHECKS MEAN	3.46	3.85	4.54	3.52	3.84

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 5.

KEY NAME	KE94N	O194N	KE95N	O195N	MEAN*
1 CELTIC	98	100	104	108	103
2 CDC TEAL	98	95	96	101	98
3 AC REED	110	113	102	114	110
4 PACIFIC	104	96	102	97	100
5 AC VOYAGEUR	99	110	99	93	100

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

TRAIT : YIELD
 YEAR(S): 94-95
 AREA : 5

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

"CHECKS" REFERS TO ENTRIES: 1 2 4 5.

KEY NAME	NL94N	EO94N	NL95N	EO95N	MEAN
1 CELTIC	3.62	2.57	3.81	2.88	3.22
2 CDC TEAL	4.01	2.57	4.03	2.60	3.30
3 AC REED	4.30	1.98	3.54	2.79	3.15
4 PACIFIC	3.95	2.97	4.40	2.72	3.51
5 AC VOYAGEUR	4.02	2.67	4.35	3.07	3.53
CHECKS MEAN	3.90	2.69	4.15	2.82	3.39

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 5.

KEY NAME	NL94N	EO94N	NL95N	EO95N	MEAN*
1 CELTIC	93	95	92	102	96
2 CDC TEAL	103	95	97	92	97
3 AC REED	110	73	85	99	92
4 PACIFIC	101	110	106	97	104
5 AC VOYAGEUR	103	99	105	109	104
CHECKS MEAN	3.90	2.69	4.15	2.82	3.39

TRAIT : YIELD
 YEAR(S): 94-95
 MGMT : NORMAL

KEY NAME	AREA 2 (6)**	AREA 3 (4)	AREA 5 (4)	PROVINCE (14)***
1 CELTIC	3.11	3.95	3.22	3.38
2 CDC TEAL	3.04	3.74	3.30	3.32
3 AC REED	2.62	4.20	3.15	3.22
4 PACIFIC	3.22	3.83	3.51	3.48
5 AC VOYAGEUR	3.13	3.86	3.53	3.45
CHECKS MEAN	3.12	3.84	3.39	3.41

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 5.

KEY NAME	AREA 2 (6)**	AREA 3 (4)	AREA 5 (4)	PROVINCE (14)***
1 CELTIC	99.3	102.6	95.6	99.2
2 CDC TEAL	97.4	97.5	96.9	97.3
3 AC REED	83.4	109.8	92.0	93.4
4 PACIFIC	103.1	99.6	103.5	102.2
5 AC VOYAGEUR	100.2	100.2	104.0	101.3
CHECKS MEAN	3.12	3.84	3.39	3.41

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

YEAR(S): 94-95
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 CELTIC	3	3.11	75.6	35	1.8	84	54	2.9	.	3.1	1.4	2.0	.	.	.	89
2 CDC TEAL	4	3.04	73.8	32	2.1	91	54	2.0	.	3.9	1.9	2.3	.	.	.	87
3 AC REED	5	2.62	68.6	29	1.8	77	55	3.5	.	4.3	.9	2.3	.	.	.	88
4 PACIFIC	1	3.22	74.9	33	3.9	101	54	1.3	.	3.3	1.9	2.5	.	.	.	88
5 AC VOYAGEUR	2	3.13	74.1	32	3.8	100	57	3.4	.	2.9	2.2	.5	.	.	.	90
LOCATIONS		6	7	7	3	6	6	6	0	4	2	2	0	0	0	1

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

YEAR(S): 94-95
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD		TSTW	KW	LOG	HGT	HDT	MIL	LRS	SEP	GLB	HBL	SSM	BYD	SRS	MDT
	RK	T/HA	K/HL	MG	0-9	CM	*	0-9	0-9	0-9	0-9	0-9	0-9	0-9	0-9	*
1 CELTIC	2	3.95	80.7	36	.0	78	56	.	.	.	.	.	.	.	.	.
2 CDC TEAL	5	3.74	79.8	34	.4	86	56	.	.	.	.	.	.	.	.	.
3 AC REED	1	4.20	76.0	34	.0	75	55	.	.	.	.	.	.	.	.	.
4 PACIFIC	4	3.83	81.3	36	3.3	96	55	.	.	.	.	.	.	.	.	.
5 AC VOYAGEUR	3	3.86	79.6	34	1.8	96	59	.	.	.	.	.	.	.	.	.
LOCATIONS		4	4	4	2	3	3	0	0	0	0	0	0	0	0	0

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

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

YEAR(S): 94-95
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	4	3.22	74.2	32	1.5	79	51	.	.	.	.	.	.	.	.	.
2 CDC TEAL	3	3.30	73.5	33	2.0	89	51	.	.	.	.	.	.	.	.	96
3 AC REED	5	3.15	70.7	30	2.0	75	51	.	.	.	.	.	.	.	.	96
4 PACIFIC	2	3.51	75.4	34	2.0	97	51	.	.	.	.	.	.	.	.	94
5 AC VOYAGEUR	1	3.53	73.8	34	2.0	96	55	.	.	.	.	.	.	.	.	97
LOCATIONS		4	4	4	2	4	3	0	0	0	0	0	0	0	0	2

YIELD AVERAGES WERE BASED ON DATA FROM:

1994: NEW LISKEARD, EMO.

1995: NEW LISKEARD, EMO.

YEAR(S): 94-95
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	3	3.38	76.6	34	1.2	81	54	2.9	.	3.1	1.4	2.0	.	.	.	94
2 CDC TEAL	4	3.32	75.3	33	1.6	89	54	2.0	.	3.9	1.9	2.3	.	.	.	93
3 AC REED	5	3.22	71.1	31	1.3	76	54	3.5	.	4.3	.9	2.3	.	.	.	92
4 PACIFIC	1	3.48	76.7	34	3.2	98	54	1.3	.	3.3	1.9	2.5	.	.	.	94
5 AC VOYAGEUR	2	3.45	75.5	33	2.7	98	57	3.4	.	2.9	2.2	.5	.	.	.	94
LOCATIONS		14	15	15	7	13	12	6	0	4	2	2	0	0	0	3

YIELD AVERAGES WERE BASED ON DATA FROM:

1994: WINTHROP, ELORA, HARRISTON, OTTAWA-1, KEMPTVILLE, NEW LISKEARD, EMO.

1995: 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 TRIALS; SPRING RED AND WHITE WHEAT 1995
 ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

"CHECKS" REFERS TO ENTRIES: 1 2 4 5 6 7.

TRAIT : YIELD
 YEAR : 95
 AREA : 2

KEY NAME	WP95N	EA95N	HN95N	MEAN
1 CELTIC	2.45	3.96	3.23	3.21
2 CDC TEAL	2.50	3.95	3.28	3.24
3 AC REED	1.92	3.31	3.34	2.86
4 PACIFIC	2.70	4.02	3.51	3.41
5 AC VOYAGEUR	2.52	3.96	3.55	3.34
6 GRANDIN	2.64	4.05	3.58	3.42
7 SS BLOMIDON	2.98	4.18	4.01	3.72
CHECKS MEAN	2.63	4.02	3.53	3.39

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 5 6 7.

KEY NAME	WP95N	EA95N	HN95N	MEAN*
1 CELTIC	93	99	92	94
2 CDC TEAL	95	98	93	95
3 AC REED	73	82	95	83
4 PACIFIC	103	100	100	101
5 AC VOYAGEUR	96	99	101	98
6 GRANDIN	100	101	102	101
7 SS BLOMIDON	113	104	114	110
CHECKS MEAN	2.63	4.02	3.53	3.39

TRAIT : YIELD
 YEAR : 95
 AREA : 3

KEY NAME	KE95N	O195N	MEAN
1 CELTIC	4.71	3.81	4.26
2 CDC TEAL	4.34	3.57	3.95
3 AC REED	4.63	4.02	4.32
4 PACIFIC	4.64	3.42	4.03
5 AC VOYAGEUR	4.48	3.29	3.88
6 GRANDIN	5.81	4.35	5.08
7 SS BLOMIDON	5.10	4.04	4.57
CHECKS MEAN	4.85	3.75	4.30

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 5 6 7.

KEY NAME	KE95N	O195N	MEAN*
1 CELTIC	97	102	99
2 CDC TEAL	90	95	92
3 AC REED	96	107	101
4 PACIFIC	96	91	94
5 AC VOYAGEUR	92	88	90
6 GRANDIN	120	116	118
7 SS BLOMIDON	105	108	107
CHECKS MEAN	4.85	3.75	4.30

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995
 ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

"CHECKS" REFERS TO ENTRIES: 1 2 4 5 6 7.

TRAIT : YIELD
 YEAR : 95
 AREA : 5

KEY NAME	NL95N	EO95N	MEAN
1 CELTIC	3.81	2.88	3.35
2 CDC TEAL	4.03	2.60	3.32
3 AC REED	3.54	2.79	3.16
4 PACIFIC	4.40	2.72	3.56
5 AC VOYAGEUR	4.35	3.07	3.71
6 GRANDIN	4.47	2.96	3.71
7 SS BLOMIDON	2.97	2.98	2.97
CHECKS MEAN	4.00	2.87	3.44

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 5 6 7.

KEY NAME	NL95N	EO95N	MEAN*
1 CELTIC	95	100	98
2 CDC TEAL	101	91	96
3 AC REED	88	97	93
4 PACIFIC	110	95	102
5 AC VOYAGEUR	109	107	108
6 GRANDIN	112	103	107
7 SS BLOMIDON	74	104	89
CHECKS MEAN	4.00	2.87	3.44

TRAIT : YIELD
 YEAR : 95
 MGMT : NORMAL

KEY NAME	AREA 2 (3)**	AREA 3 (2)	AREA 5 (2)	PROVINCE (7)***
1 CELTIC	3.21	4.26	3.35	3.55
2 CDC TEAL	3.24	3.95	3.32	3.47
3 AC REED	2.86	4.32	3.16	3.36
4 PACIFIC	3.41	4.03	3.56	3.63
5 AC VOYAGEUR	3.34	3.88	3.71	3.60
6 GRANDIN	3.42	5.08	3.71	3.98
7 SS BLOMIDON	3.72	4.57	2.97	3.75
CHECKS MEAN	3.39	4.30	3.44	3.66

DATA EXPRESSED RELATIVE TO THE MEANS OF ENTRIES: 1 2 4 5 6 7.

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 2 (3)**	AREA 3 (2)	AREA 5 (2)	PROVINCE (7)***
1 CELTIC	94.4	99.4	97.8	96.8
2 CDC TEAL	95.4	92.4	95.6	94.6
3 AC REED	83.3	101.4	92.8	91.2
4 PACIFIC	100.7	93.5	102.3	99.1
5 AC VOYAGEUR	98.3	90.1	107.8	98.7
6 GRANDIN	100.9	118.0	107.4	107.6
7 SS BLOMIDON	110.3	106.5	89.0	103.1
CHECKS MEAN	3.39	4.30	3.44	3.66

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

YEAR : 95
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
1 CELTIC	6 3.21	75.4	34	1.0	79	54	4.0	.	3.7	.	2.5	.	.	.	.	89
2 CDC TEAL	5 3.24	73.2	30	2.5	89	53	2.6	.	3.8	.	3.5	.	.	.	.	87
3 AC REED	7 2.86	68.2	29	2.0	73	54	4.7	.	4.4	.	3.5	.	.	.	.	88
4 PACIFIC	3 3.41	74.3	31	4.5	100	54	1.4	.	3.4	.	4.0	.	.	.	.	88
5 AC VOYAGEUR	4 3.34	73.6	31	3.8	100	57	3.3	.	3.2	.	.5	.	.	.	.	90
6 GRANDIN	2 3.42	75.0	36	2.3	80	53	2.9	.	4.0	.	3.5	.	.	.	.	88
7 SS BLOMIDON	1 3.72	70.4	33	3.0	90	59	.1	.	2.3	.	1.0	.	.	.	.	91
LOCATIONS		3	4	4	1	3	3	3	0	2	0	1	0	0	0	1

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

YEAR : 95
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 CELTIC	4 4.26	80.1	37	.0	76	57	.	.	.	.	.	.	.	.	.
2 CDC TEAL	6 3.95	78.9	32	.8	88	57	.	.	.	.	.	.	.	.	.
3 AC REED	3 4.32	75.8	33	.0	71	56	.	.	.	.	.	.	.	.	.
4 PACIFIC	5 4.03	80.2	36	4.5	95	57	.	.	.	.	.	.	.	.	.
5 AC VOYAGEUR	7 3.88	79.1	33	3.5	89	61	.	.	.	.	.	.	.	.	.
6 GRANDIN	1 5.08	80.3	36	.0	80	54	.	.	.	.	.	.	.	.	.
7 SS BLOMIDON	2 4.57	77.9	38	.3	76	62	.	.	.	.	.	.	.	.	.
LOCATIONS		2	2	2	1	1	1	0	0	0	0	0	0	0	0

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

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

ONTARIO RECOMMENDATION TRIALS; SPRING RED AND WHITE WHEAT 1995

YEAR : 95
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
	RK	T/HA															
1 CELTIC	4	3.35	75.2	33	2.0	77	51	.	.	.	.	.	.	.	.	.	96
2 CDC TEAL	5	3.32	74.7	34	3.0	85	51	.	.	.	.	.	.	.	.	.	96
3 AC REED	6	3.16	72.4	30	3.0	72	51	.	.	.	.	.	.	.	.	.	94
4 PACIFIC	3	3.56	76.4	35	3.0	96	51	.	.	.	.	.	.	.	.	.	97
5 AC VOYAGEUR	1	3.71	72.8	35	3.0	96	53	.	.	.	.	.	.	.	.	.	96
6 GRANDIN	1	3.71	77.4	37	2.0	78	51	.	.	.	.	.	.	.	.	.	96
7 SS BLOMIDON	7	2.97	67.3	33	2.0	88	59	.	.	.	.	.	.	.	.	.	97
LOCATIONS		2	2	2	1	2	1	0	0	0	0	0	0	0	0	0	2

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

YEAR : 95
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
	RK	T/HA															
1 CELTIC	5	3.55	76.5	34	1.0	78	54	4.0	.	3.7	.	2.5	.	.	.	.	94
2 CDC TEAL	6	3.47	75.0	32	2.1	88	54	2.6	.	3.8	.	3.5	.	.	.	.	93
3 AC REED	7	3.36	71.1	30	1.7	72	54	4.7	.	4.4	.	3.5	.	.	.	.	92
4 PACIFIC	3	3.63	76.3	33	4.0	98	54	1.4	.	3.4	.	4.0	.	.	.	.	94
5 AC VOYAGEUR	4	3.60	74.8	32	3.4	97	57	3.3	.	3.2	.	.5	.	.	.	.	94
6 GRANDIN	1	3.98	76.9	36	1.4	80	53	2.9	.	4.0	.	3.5	.	.	.	.	93
7 SS BLOMIDON	2	3.75	71.5	34	1.8	87	59	.1	.	2.3	.	1.0	.	.	.	.	95
LOCATIONS		7	8	8	3	6	5	3	0	2	0	1	0	0	0	0	3

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 TRIALS; SPRING RED AND WHITE WHEAT 1995

LOCATION - KEMPTVILLE
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	3	4.71	81.6	38	.	.	.	.	.	.	.	.	.	.	.	.
2 CDC TEAL	7	4.34	81.2	34	.	.	.	.	.	.	.	.	.	.	.	.
3 AC REED	5	4.63	75.9	33	.	.	.	.	.	.	.	.	.	.	.	.
4 PACIFIC	4	4.64	82.6	37	.	.	.	.	.	.	.	.	.	.	.	.
5 AC VOYAGEUR	6	4.48	81.4	35	.	.	.	.	.	.	.	.	.	.	.	.
6 GRANDIN	1	5.81	82.4	38	.	.	.	.	.	.	.	.	.	.	.	.
7 SS BLOMIDON	2	5.10	80.0	40	.	.	.	.	.	.	.	.	.	.	.	.
MEANS		4.82	80.7	36	.	.	.	.	.	.	.	.	.	.	.	.

LOCATION - OTTAWA-1
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	4	3.81	78.7	35	.0	76	57	.	.	.	.	.	.	.	.	.
2 CDC TEAL	5	3.57	76.6	30	.8	88	57	.	.	.	.	.	.	.	.	.
3 AC REED	3	4.02	75.6	32	.0	71	56	.	.	.	.	.	.	.	.	.
4 PACIFIC	6	3.42	77.8	34	4.5	95	57	.	.	.	.	.	.	.	.	.
5 AC VOYAGEUR	7	3.29	76.8	31	3.5	89	61	.	.	.	.	.	.	.	.	.
6 GRANDIN	1	4.35	78.1	34	.0	80	54	.	.	.	.	.	.	.	.	.
7 SS BLOMIDON	2	4.04	75.8	35	.3	76	62	.	.	.	.	.	.	.	.	.
MEANS		3.79	77.1	33	1.3	82	58	.	.	.	.	.	.	.	.	.

LOCATION - NEW LISKEARD
MANAGEMENT - NORMAL

KEY NAME	YIELD		TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	5	3.81	72.3	29	2.0	75	.	.	.	.	.	.	.	.	.	97
2 CDC TEAL	4	4.03	72.3	35	3.0	91	.	.	.	.	.	.	.	.	.	98
3 AC REED	6	3.54	69.8	27	3.0	71	.	.	.	.	.	.	.	.	.	97
4 PACIFIC	2	4.40	74.8	33	3.0	102	.	.	.	.	.	.	.	.	.	97
5 AC VOYAGEUR	3	4.35	68.6	34	3.0	97	.	.	.	.	.	.	.	.	.	97
6 GRANDIN	1	4.47	74.8	36	2.0	76	.	.	.	.	.	.	.	.	.	97
7 SS BLOMIDON	7	2.97	58.6	27	2.0	88	.	.	.	.	.	.	.	.	.	97
MEANS		3.94	70.2	32	2.6	86	.	.	.	.	.	.	.	.	.	97

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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
	RK	T/HA														
1 CELTIC	4	2.88	78.0	37	.	79	51	.	.	.	.	.	.	.	.	95
2 CDC TEAL	7	2.60	77.0	33	.	79	51	.	.	.	.	.	.	.	.	94
3 AC REED	5	2.79	75.0	33	.	72	51	.	.	.	.	.	.	.	.	90
4 PACIFIC	6	2.72	78.0	36	.	90	51	.	.	.	.	.	.	.	.	97
5 AC VOYAGEUR	1	3.07	77.0	35	.	95	53	.	.	.	.	.	.	.	.	95
6 GRANDIN	3	2.96	80.0	38	.	80	51	.	.	.	.	.	.	.	.	94
7 SS BLOMIDON	2	2.98	76.0	39	.	87	59	.	.	.	.	.	.	.	.	97
MEANS		2.86	77.3	36	.	83	52	.	.	.	.	.	.	.	.	95

* DAYS FROM PLANTING

QUEBEC REGISTRATION TRIAL ; SPRING WHEAT 1995

LOCATION - ELORA
MANAGEMENT - NORMAL

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
1 KATEPWA	7 3.59	73.6	29	.	93	55	4.5	.	.	.	.	.	.
2 AC VOYAGEUR	8 3.54	72.3	31	.	98	60	2.5	.	.	.	.	.	.
3 SS BLOMIDON	10 3.09	67.4	33	.	90	62	.0	.	.	.	.	.	.
4 AC POLLET	2 3.83	77.3	40	.	103	57	4.5	.	.	.	.	.	.
5 AW197	3 3.72	68.6	31	.	99	60	.0	.	.	.	.	.	.
6 QW547:31	4 3.68	72.3	37	.	95	56	3.8	.	.	.	.	.	.
7 QW550:13	1 3.90	71.7	41	.	93	55	5.8	.	.	.	.	.	.
8 QW546:17	6 3.62	75.4	31	.	90	57	5.0	.	.	.	.	.	.
9 91606	11 3.00	67.4	28	.	90	60	.0	.	.	.	.	.	.
10 CFB91:643	13 2.45	72.4	25	.	89	61	.3	.	.	.	.	.	.
11 CFB92:616	12 2.54	63.6	29	.	85	60	.0	.	.	.	.	.	.
12 CFB92:618	9 3.17	68.6	27	.	89	58	.0	.	.	.	.	.	.
13 QW534:14	5 3.67	73.0	35	.	95	59	6.5	.	.	.	.	.	.
MEANS	3.37	71.0	32	.	93	58	2.5	.	.	.	.	.	.

ANALYSIS OF VARIANCE INFORMATION

TRAIT	MEAN	RDF	VDF	EDF	REPMS	VARMS	ERRMS	REPF	VARF	C.V.
YIELD	337	3	12	36	423	9114	321	1.3	28.3	5.3%

WESTERN REGISTRATION TRIAL; SPRING WHITE WHEAT 1995

LOCATION - ELORA
MANAGEMENT - NORMAL

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
1 FIELDER;CHECK	3 3.55	67.4	29	.	75	56	5.0	.	.	.	.	.	.
2 AC REED;SWS:087	6 3.24	65.5	29	.	70	54	5.0	.	.	.	.	.	.
3 AC PHIL;SWS:089	8 3.17	61.7	28	.	70	54	5.3	.	.	.	.	.	.
4 SWS:109	1 4.05	64.9	29	.	66	57	1.0	.	.	.	.	.	.
5 SWS:177	2 4.00	64.2	28	.	81	57	2.0	.	.	.	.	.	.
6 SWS:179	4 3.42	68.6	31	.	84	61	2.0	.	.	.	.	.	.
7 SWS:180	9 3.07	61.1	26	.	78	60	3.5	.	.	.	.	.	.
8 SWS:189	5 3.34	68.6	30	.	79	57	5.0	.	.	.	.	.	.
9 SWS:193	7 3.20	73.6	32	.	95	56	2.0	.	.	.	.	.	.
MEANS	3.45	66.2	29	.	78	57	3.4	.	.	.	.	.	.

ANALYSIS OF VARIANCE INFORMATION

TRAIT	MEAN	RDF	VDF	EDF	REPMS	VARMS	ERRMS	REPF	VARF	C.V.
YIELD	345	3	8	24	3826	5139	774	4.9	6.6	8.0%

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; SPRING WHEAT 1995

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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
SRS	-	STEM RUST
MDT	-	MATURITY DATE

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

TEST DETAILS (GRAIN YIELD)

AREA	LOCATION	MEAN (G M-2)	REPS	ERROR SS	ERROR DF	ERROR MS	C.V. %
2	WINTHROP	245	4	23258	27	86142	11.97
2	ELORA	385	4	17847	27	661	6.8
2	HARRISTON	336	4	11869	27	440	6.24
3	KEMPTVILLE	483	4	38198	27	1819	8.83
3	OTTAWA	377	4	19894	27	737	7.2
5	NEW LISKEARD	406	4	58450	27	2165	11.46
5	EMO	280	4	22110	27	819	10.22

ONTARIO RECOMMENDATION TRIALS; SPRING WHEAT 1995

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR : 95
 AREA : 2

KEY NAME	WP95N	EA95N	HN95N	MEAN
1 CELTIC	2.45	3.96	3.23	3.21
2 CDC TEAL	2.50	3.95	3.28	3.24
3 AC REED	1.92	3.31	3.34	2.86
4 PACIFIC	2.70	4.02	3.51	3.41
5 AC VOYAGEUR	2.52	3.96	3.55	3.34
6 GRANDIN	2.64	4.05	3.58	3.42
7 SS BLOMIDON	2.98	4.18	4.01	3.72
8 MEDORA	2.14	3.38	2.58	2.70
LOCATION MEAN	2.48	3.85	3.38	3.24

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	WP95N	EA95N	HN95N	MEAN*
1 CELTIC	99	103	95	99
2 CDC TEAL	101	103	97	100
3 AC REED	77	86	99	87
4 PACIFIC	109	104	104	106
5 AC VOYAGEUR	102	103	105	103
6 GRANDIN	106	105	106	106
7 SS BLOMIDON	120	109	118	116
8 MEDORA	86	88	76	83
LOCATION MEAN	2.48	3.85	3.38	3.24

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; SPRING WHEAT 1995

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR : 95
 AREA : 3

KEY NAME	KE95N	O195N	MEAN
1 CELTIC	4.71	3.81	4.26
2 CDC TEAL	4.34	3.57	3.95
3 AC REED	4.63	4.02	4.32
4 PACIFIC	4.64	3.42	4.03
5 AC VOYAGEUR	4.48	3.29	3.88
6 GRANDIN	5.81	4.35	5.08
7 SS BLOMIDON	5.10	4.04	4.57
8 MEDORA	4.91	3.69	4.30
LOCATION MEAN	4.83	3.77	4.30

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	KE95N	O195N	MEAN*
1 CELTIC	98	101	99
2 CDC TEAL	90	95	92
3 AC REED	96	107	101
4 PACIFIC	96	91	93
5 AC VOYAGEUR	93	87	90
6 GRANDIN	120	115	118
7 SS BLOMIDON	106	107	106
8 MEDORA	102	98	100
LOCATION MEAN	4.83	3.77	4.30

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; SPRING WHEAT 1995

ABBREVIATED HEADINGS REPRESENT LOCATION-YEAR-MANAGEMENT COMBINATION

TRAIT : YIELD
 YEAR : 95
 AREA : 5

KEY NAME	NL95N	EO95N	MEAN
1 CELTIC	3.81	2.88	3.35
2 CDC TEAL	4.03	2.60	3.32
3 AC REED	3.54	2.79	3.16
4 PACIFIC	4.40	2.72	3.56
5 AC VOYAGEUR	4.35	3.07	3.71
6 GRANDIN	4.47	2.96	3.71
7 SS BLOMIDON	2.97	2.98	2.97
8 MEDORA	5.03	2.64	3.84
LOCATION MEAN	4.08	2.83	3.45

DATA EXPRESSED RELATIVE TO LOCATION MEANS

KEY NAME	NL95N	EO95N	MEAN*
1 CELTIC	93	102	98
2 CDC TEAL	99	92	95
3 AC REED	87	99	93
4 PACIFIC	108	96	102
5 AC VOYAGEUR	107	108	108
6 GRANDIN	110	105	107
7 SS BLOMIDON	73	105	89
8 MEDORA	123	93	108
LOCATION MEAN	4.08	2.83	3.45

* MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

ONTARIO RECOMMENDATION TRIALS; SPRING WHEAT 1995

TRAIT : YIELD
 YEAR : 95
 MGMT : NORMAL

KEY NAME	AREA 2 (3)*	AREA 3 (2)	AREA 5 (2)	PROVINCE (7)**
1 CELTIC	3.21	4.26	3.35	3.55
2 CDC TEAL	3.24	3.95	3.32	3.47
3 AC REED	2.86	4.32	3.16	3.36
4 PACIFIC	3.41	4.03	3.56	3.63
5 AC VOYAGEUR	3.34	3.88	3.71	3.60
6 GRANDIN	3.42	5.08	3.71	3.98
7 SS BLOMIDON	3.72	4.57	2.97	3.75
8 MEDORA	2.70	4.30	3.84	3.48
OVERALL MEAN	3.24	4.30	3.45	3.60

MEAN OF RELATIVE YIELDS OVER ALL LOCATIONS

KEY NAME	AREA 2 (3)*	AREA 3 (2)	AREA 5 (2)	PROVINCE (7)**
1 CELTIC	99.0	99.3	97.6	98.7
2 CDC TEAL	100.1	92.3	95.4	96.5
3 AC REED	87.3	101.2	92.7	92.8
4 PACIFIC	105.6	93.4	102.0	101.1
5 AC VOYAGEUR	103.1	90.0	107.6	100.6
6 GRANDIN	105.8	117.8	107.1	109.6
7 SS BLOMIDON	115.7	106.4	89.1	105.4
8 MEDORA	83.4	99.7	108.4	95.2
OVERALL MEAN	3.24	4.30	3.45	3.60

* # OF LOCATIONS
 ** AVERAGE ACROSS LOCATIONS

ONTARIO RECOMMENDATION TRIALS; SPRING WHEAT 1995

YEAR : 95
 MGMT : NORMAL
 AREA : 2

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
1 CELTIC	6 3.21	75.4	34	1.0	79	54	4.0	.	3.7	.	2.5	.	.	.	89	
2 CDC TEAL	5 3.24	73.2	30	2.5	89	53	2.6	.	3.8	.	3.5	.	.	.	87	
3 AC REED	7 2.86	68.2	29	2.0	73	54	4.7	.	4.4	.	3.5	.	.	.	88	
4 PACIFIC	3 3.41	74.3	31	4.5	100	54	1.4	.	3.4	.	4.0	.	.	.	88	
5 AC VOYAGEUR	4 3.34	73.6	31	3.8	100	57	3.3	.	3.2	.	.5	.	.	.	90	
6 GRANDIN	2 3.42	75.0	36	2.3	80	53	2.9	.	4.0	.	3.5	.	.	.	88	
7 SS BLOMIDON	1 3.72	70.4	33	3.0	90	59	.1	.	2.3	.	1.0	.	.	.	91	
8 MEDORA	8 2.70	71.9	36	3.0	95	55	1.4	.	4.8	.	3.5	.	.	.	89	
LOCATIONS		3	4	4	1	3	3	3	0	2	0	1	0	0	0	1

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

YEAR : 95
 MGMT : NORMAL
 AREA : 3

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
1 CELTIC	5 4.26	80.1	37	.0	76	57	.	.	.	.	.	.	.	.	.
2 CDC TEAL	7 3.95	78.9	32	.8	88	57	.	.	.	.	.	.	.	.	.
3 AC REED	3 4.32	75.8	33	.0	71	56	.	.	.	.	.	.	.	.	.
4 PACIFIC	6 4.03	80.2	36	4.5	95	57	.	.	.	.	.	.	.	.	.
5 AC VOYAGEUR	8 3.88	79.1	33	3.5	89	61	.	.	.	.	.	.	.	.	.
6 GRANDIN	1 5.08	80.3	36	.0	80	54	.	.	.	.	.	.	.	.	.
7 SS BLOMIDON	2 4.57	77.9	38	.3	76	62	.	.	.	.	.	.	.	.	.
8 MEDORA	4 4.30	80.9	43	.8	100	59	.	.	.	.	.	.	.	.	.
LOCATIONS		2	2	2	1	1	1	0	0	0	0	0	0	0	0	0

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

* DAYS FROM PLANTING

A HIGH SCORE IS UNDESIRABLE IN THE LODGING AND DISEASE RATINGS

ONTARIO RECOMMENDATION TRIALS; SPRING WHEAT 1995

YEAR : 95
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
	RK	T/HA															
1 CELTIC	5	3.35	75.2	33	2.0	77	51	.	.	.	.	.	.	.	.	.	96
2 CDC TEAL	6	3.32	74.7	34	3.0	85	51	.	.	.	.	.	.	.	.	.	96
3 AC REED	7	3.16	72.4	30	3.0	72	51	.	.	.	.	.	.	.	.	.	94
4 PACIFIC	4	3.56	76.4	35	3.0	96	51	.	.	.	.	.	.	.	.	.	97
5 AC VOYAGEUR	2	3.71	72.8	35	3.0	96	53	.	.	.	.	.	.	.	.	.	96
6 GRANDIN	2	3.71	77.4	37	2.0	78	51	.	.	.	.	.	.	.	.	.	96
7 SS BLOMIDON	8	2.97	67.3	33	2.0	88	59	.	.	.	.	.	.	.	.	.	97
8 MEDORA	1	3.84	76.6	41	4.0	99	53	.	.	.	.	.	.	.	.	.	99
LOCATIONS		2	2	2	1	2	1	0	0	0	0	0	0	0	0	0	2

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

YEAR : 95
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *	
	RK	T/HA															
1 CELTIC	5	3.55	76.5	34	1.0	78	54	4.0	.	3.7	.	2.5	.	.	.	.	94
2 CDC TEAL	7	3.47	75.0	32	2.1	88	54	2.6	.	3.8	.	3.5	.	.	.	.	93
3 AC REED	8	3.36	71.1	30	1.7	72	54	4.7	.	4.4	.	3.5	.	.	.	.	92
4 PACIFIC	3	3.63	76.3	33	4.0	98	54	1.4	.	3.4	.	4.0	.	.	.	.	94
5 AC VOYAGEUR	4	3.60	74.8	32	3.4	97	57	3.3	.	3.2	.	.5	.	.	.	.	94
6 GRANDIN	1	3.98	76.9	36	1.4	80	53	2.9	.	4.0	.	3.5	.	.	.	.	93
7 SS BLOMIDON	2	3.75	71.5	34	1.8	87	59	.1	.	2.3	.	1.0	.	.	.	.	95
8 MEDORA	6	3.48	75.3	39	2.6	97	55	1.4	.	4.8	.	3.5	.	.	.	.	96
LOCATIONS		7	8	8	3	6	5	3	0	2	0	1	0	0	0	0	3

YIELD AVERAGES WERE BASED ON DATA FROM: 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 TRIALS, SPRING DURUM WHEAT 1995

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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 VARIETY

Medora:

Ward/Macoun. Developed at the Agriculture and Agri-Food Canada Research Station in Winnipeg. Marketed by SeCan. Susceptible to most prevalent diseases.

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 ONTARIO RECOMMENDATION TRIALS, SPRING DURUM WHEAT 1995

YEAR(S): 87-95
 MGMT : NORMAL
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 MEDORA	3.01	72.7	38	2.8	100	57	3.2	1.4	3.7	1.9	2.9	.	6.6	1.8	89
LOCATIONS	24	24	23	9	24	24	20	6	13	2	4	0	2	2	1

YEAR(S): 87-95
 MGMT : NORMAL
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 MEDORA	3.42	74.0	39	2.4	100	57	3.2	1.4	4.0	1.9	2.9	.	6.6	1.8	96
LOCATIONS	37	38	37	18	37	35	20	6	14	2	4	0	2	2	3

YEAR(S): 92-95
 MGMT : NORMAL
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 MEDORA	2.89	72.2	38	2.4	105	57	2.6	3.0	3.9	1.9	3.4	.	.	1.8	89
LOCATIONS	12	13	13	6	12	11	10	1	8	2	3	0	0	2	1

YEAR(S): 92-95
 MGMT : NORMAL
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 MEDORA	4.07	80.7	41	.6	99	57	.	.	.	.	.	.	.	.	.
LOCATIONS	6	6	6	3	5	5	0	0	0	0	0	0	0	0	0

YEAR(S): 92-95
 MGMT : NORMAL
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 MEDORA	4.24	72.6	39	2.8	103	57	.	.	8.8	.	.	.	.	.	99
LOCATIONS	7	8	8	6	8	6	0	0	1	0	0	0	0	0	2

YEAR(S): 92-95
 MGMT : NORMAL
 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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 MEDORA	3.55	74.2	39	2.2	103	57	2.6	3.0	4.5	1.9	3.4	.	.	1.8	96
LOCATIONS	25	27	27	15	25	22	10	1	9	2	2	0	0	2	2

ONTARIO RECOMMENDATION TRIALS, SPRING DURUM WHEAT 1995

YEAR : 95
MGMT : NORMAL
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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 MEDORA	2.70	71.9	36	3.0	95	55	1.4	.	4.8	.	3.5	.	.	.	89
LOCATIONS	3	4	4	1	3	3	3	0	2	0	1	0	0	0	1

YEAR : 95
MGMT : NORMAL
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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 MEDORA	4.30	80.9	43	.8	100	59	.	.	.	.	.	.	.	.	.
LOCATIONS	2	2	2	1	1	1	0	0	0	0	0	0	0	0	0

YEAR : 95
MGMT : NORMAL
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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 MEDORA	3.84	76.6	41	4.0	99	53	.	.	.	.	.	.	.	.	99
LOCATIONS	2	2	2	1	2	1	0	0	0	0	0	0	0	0	2

YEAR : 95
MGMT : NORMAL
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	SSM 0-9	BYD 0-9	SRS 0-9	MDT *
1 MEDORA	3.48	75.3	39	2.6	97	55	1.4	.	4.8	.	3.5	.	.	.	96
LOCATIONS	7	8	8	3	6	5	3	0	2	0	1	0	0	0	3

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

WESTERN REGISTRATION TRIAL, SPRING DURUM WHEAT 1995

LOCATION - ELORA
 MANAGEMENT - NORMAL

KEY NAME	YIELD RK T/HA	TSTW K/HL	KW MG	LOG 0-9	HGT CM	HDT *	MIL 0-9	LRS 0-9	SEP 0-9	GLB 0-9	HBL 0-9	SSM 0-9	BYD 0-9
1 HERCULES;DT191	5 3.14	68.0	29	.	93	55	3.5	.	.	.	.	.	.
2 KYLE;DT375	4 3.15	68.6	36	.	103	59	4.3	.	.	.	.	.	.
3 AC MELITA,DT475	1 3.48	68.6	32	.	94	57	3.5	.	.	.	.	.	.
4 PLENTY;DT606	1 3.48	69.9	31	.	96	58	5.3	.	.	.	.	.	.
5 DT484;ACWpg	6 3.10	66.1	34	.	86	57	5.0	.	.	.	.	.	.
6 DT912;SWP	3 3.44	69.2	32	.	95	56	3.5	.	.	.	.	.	.
MEANS	3.30	68.4	32	.	94	57	4.2	.	.	.	.	.	.

* 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	330	3	5	15	473	1370	570	.8	2.4	7.2%

CO-OPERATORS AND LOCATIONS OF RECOMMENDATION TESTS, 1995

Testing area	Country or District	Co-operators	Crops			
			Barley	Oats	Winter Wheat	Spring Wheat
I	Kent	MH = W.G. Thompson and Sons Ltd., Morpeth, Ont.				
	Kent I	RN = Ridgetown C.A.T., Ridgetown, Ont.	X	X	X	
	Lambton	ID = David MacKellar, R.R. #7, Alvinston (Ridgetown C.A.T.)			X	
	Essex	HW = Harrow Research Centre, Agriculture & Agri-Food Canada			X	
	Essex	WE = Woodslee Research Centre, Agriculture & Agri-Food Canada			X	
II	Oxford	WK = Crop Science Department, OAC, Woodstock, Ont.	X	X	X	
	Huron I	WP = W.G. Thompson and Sons Ltd., Winthrop, Ontario	X	X	X	X
	Huron II	Centralia, Ontario (Ridgetown C.A.T.)	X*	X	X	
	Wellington I	EA = Crop Science Department, OAC, Elora, Ont.			X	X
	Wellington II	GH = First Line Seeds Ltd., Guelph, Ont.			X	
	Wellington	HN = C & M Seeds Inc., Pamerston, Ontario			X	X
	Middlesex I	NN = W.G. Thompson & Sons Ltd., Nairn, Ont.	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**	X	X**	X**
	III	Grenville	KE = Kemptville C.A.T., Kemptville, Ont.	X**	X**	X
Dundas		Winchester, Ont. (Kemptville C.A.T.)	X**	X**		
Carleton I		O1 = Agriculture & Agri-Food Canada, P.R.C., Ottawa, Ont.	X	X**	X	X
Renfrew		BG = L. Seaman, Agriculture & Agri-Food Canada, Beachburg, Ontario			X**	
Prescott & Russell		Alfred C.A.T., Alfred, Ont.	X	X**		
IV	Wellington I	Crop Science Dept., OAC, Elora, Ont.	X	X		
	Wellington	C & M Seeds, Palmerston, Ont.	X	X		
V	Nipissing District	Verner Research Sta., Verner, Ont. (New Liskeard C.A.T.)	X	X		
	Temiskaming	NL = New Liskeard Agricultural Research Station, New Liskeard, Ont.	X	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

