
INFOSheet

Ministry of Agriculture, Food and Rural Affairs
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2006 PERFORMANCE TRIALS FOR SPRING CEREAL CROPS

prepared by the Ontario Cereal Crop Committee

This INFOSheet contains the most recent varietal information on cereals that were planted and harvested in 2005.

REFERENCES:

OMAFRA Publication 811, *Agronomy Guide for Field Crop*

OMAFRA Publication 812, *Field Crop Protection Guide*

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**TABLE 1 - 2005 Spring Wheat
Performance Trial Cumulative Yield Index¹ Summary**
Indexed for each site and then averaged
Index = 100 x (variety yield/site yield)

Cultivar	Class ²	Area II West of Frontenac (2,300 - 2,900 Crop Heat Units) & Area IV					Area III East of Frontenac (2,500-2,900 Crop Heat Units)					Area V & VI Northern Ontario (less than 2,300 Crop Heat Units)				
		5-year ³	4-year	3-year	2-year	1-year	5-year ³	4-year	3-year	2-year	1-year	5-year ³	4-year	3-year	2-year	1-year
Quantum	hrs-a	115	111	111	109	99	105	108	111	108	111	101	101	105	105	103
AC Brio ⁴	Hrs	98	97	95	94	96	106	109	109	111	105	98	97	97	98	88
B89:6:28:883	hrs-a	105	103	102	101	92	94	99	101	103	96	97	97	101	101	80
SS Fundy	efs	94	90	89	87	106	97	93	87	87	103	104	101	102	100	109
Torka	hrs	88	82	80	81	96	98	96	92	92	102	101	98	96	96	103
AC Barrie ⁴	hrs		89	87	85	86		99	100	98	94		91	89	89	92
Superb ⁴	hrs-a		102	99	97	96		99	98	94	92		98	96	96	100
606	hrs-a		104	101	104	99		96	97	96	97		98	100	99	97
Winfield	hrs-a		97	94	96	98		96	95	99	93		96	95	97	92
Arion	hrs-a		94	91	90	89		84	79	78	75		91	88	91	99
Hoffman	efs-a		120	117	120	114		124	125	130	132		128	131	127	136
Norwell	hrs-a		112	113	113	108		97	96	92	88		102	106	105	102
Sable	hrs-a			115	117	111			102	100	93			100	105	97
Hobson	hrs-a			106	103	105			108	107	105			96	96	94
Brookfield	hrs-a				100	100				105	111				106	110
Nass	efs-a				104	105				100	104				91	100
Mean (t/ha)		3.57	3.39	3.09	2.86	2.89	4.24	4.13	3.59	3.17	3.15	4.41	4.55	4.49	4.13	3.98
No. of Locations		15	12	9	6	3	17	13	9	6	3	14	12	9	5	2

¹ Indexed for each site and then averaged. Index = 100 x (variety yield ÷ site yield). Values differing by less than 3 within a column may not represent true differences in yield.

² hrs = hard red spring, efs = eastern feed spring, -a = awned

³ Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

⁴ Good samples of these varieties are widely accepted by the milling industry. Some varieties are not accepted by some Wheat Board agents and/or flour mills due to unique quality traits. Consult the OWPMB or the variety sponsor for details.

**TABLE 2 - 2005 Spring Wheat
Varietal Characteristics Based on Data From Across Ontario**

Cultivar	Class ¹	Test Weight (hl)	1,000 Kernel Weight (g)	Lodging (0-9) ²	Height (cm)	Heading Days ³	Physiological Maturity ³	Powdery Mildew (0-9) ²	Leaf Rust (0-9) ²	Septoria (0-9) ²	BYDV (0-9) ²
Quantum	hrs-a	76.2	38	0.8	83	53	105	0.8	5.2	4.9	1.0
AC Brio ⁴	hrs	74.5	37	1.3	95	54	107	5.9	3.8	5.6	1.0
B89:6:28:883	hrs-a	77.3	36	1.6	89	52	107	2.7	1.1	3.4	4.0
SS Fundy	efs	72.8	31	1.2	91	57	109	2.3	7.4	4.4	0.0
Torka	hrs	70.7	32	1.5	91	60	112	0.8	4.2	3.5	0.0
AC Barrie ⁴	hrs	75.1	35	1.1	91	54	107	6.1	4.8	6.1	2.0
Superb ⁴	hrs-a	74.9	37	1.4	84	53	108	4.2	3.2	5.9	3.0
606	hrs-a	77.9	32	0.4	76	55	110	1.1	4.4	3.8	1.0
Winfield	hrs-a	75.0	32	1.9	86	56	109	3.3	1.5	4.3	2.0
Arion	hrs-a	73.0	27	0.5	74	57	110	0.9	2.2	4.3	3.0
Hoffman	efs-a	75.0	42	3.0	99	56	111	1.1	2.8	3.8	1.0
Norwell	hrs-a	76.9	34	1.3	88	52	107	1.3	2.4	4.0	1.0
Sable	hrs-a	75.9	36	0.6	78	53	109	0.2	2.8	4.2	0.0
Hobson	hrs-a	74.8	39	1.3	83	52	107	4.1	3.2	5.4	2.0
Brookfield	hrs-a	74.2	32	2.0	99	56	109	0.4	5.3	4.3	1.0
Nass	efs-a	74.2	33	2.3	101	57	108	0.8	4.8	4.4	3.0
Mean		74.9	35	1.4	88	55	108	2.3	3.7	4.5	1.6
No. of locations		17	17	7	17	13	4	14	2	3	4

¹ hrs = hard red spring, efs = eastern feed spring, -a = awned

² For ratings 0-9, a high score is undesirable.

³ Days from planting. Heading and Physiological Maturity vary from year to year and should only be used to indicate relative differences.

⁴ Good samples of these varieties are widely accepted by the milling industry. Some varieties are not accepted by some Wheat Board agents and/or flour mills due to unique quality traits. Consult the OWPMB or the variety sponsor for details.

⁵ % spikelets infected x % heads infected in inoculated, irrigated trials at Ottawa and Nairn

⁶ Deoxynivalenol (vomitoxin) in parts per million.

**TABLE 2 (continued) - 2005 Spring Wheat
Varietal Characteristics Based on Data From Across Ontario**

Cultivar	Class¹	FHBI (0-100)⁵ 4 yr. ave. 2002-05	FHBI (0-100)⁵ 3 yr. ave. 2003-05	FHBI (0-100)⁵ 2 yr. ave. 2004-05	DON⁶
Quantum	hrs-a	40	43	54	2.7
AC Brio ⁴	hrs	31	35	41	0.8
B89:6:28:883	hrs-a	19	22	30	2.1
SS Fundy	efs	31	35	40	2.5
Torka	hrs	16	19	24	1.0
AC Barrie ⁴	hrs	20	22	31	0.6
Superb ⁴	hrs-a	27	29	36	3.2
606	hrs-a	27	31	38	1.7
Winfield	hrs-a	23	27	31	0.7
Arion	hrs-a	22	24	28	1.7
Hoffman	efs-a	16	18	20	1.2
Norwell	hrs-a	17	19	27	1.3
Sable	hrs-a		25	26	2.9
Hobson	hrs-a		34	41	3.5
Brookfield	hrs-a			33	2.5
Nass	efs-a			22	0.8
Mean		24	27	33	1.9
No. of locations		7	5	3	2

¹ hrs = hard red spring, efs = eastern feed spring, -a = awned

² For ratings 0-9, a high score is undesirable.

³ Days from planting. Heading and Physiological Maturity vary from year to year and should only be used to indicate relative differences.

⁴ Good samples of these varieties are widely accepted by the milling industry. Some varieties are not accepted by some Wheat Board agents and/or flour mills due to unique quality traits. Consult the OWPMB or the variety sponsor for details.

⁵ % spikelets infected x % heads infected in inoculated, irrigated trials at Ottawa and Nairn

⁶ Deoxynivalenol (vomitoxin) in parts per million.

TABLE 3 - 2005 Performance Trial Cumulative Yield Index¹ Summary - Barley

Cultivar	Area II: West of Frontenac (2,300 -2,900 Crop Heat Units) & Area IV: Dundalk Plains (<2500 Crop Heat Units)					Area III: East of Frontenac (2500-1900 Crop Heat Units)					Area V & VI: Northern Ontario (< 2,300 Crop heat units)				
	5-year ²	4-year	3-year	2-year	2005	5-year ²	4-year	3-year	2-year	2005	5-year ²	4-year	3-year	2-year	2005
2 rowed															
AC Kings	96	97	97	95	94	93	94	94	99	96	98	96	96	95	95
AC Parkhill	99	96	97	101	104	96	93	96	97	100	101	99	98	96	99
Formosa	104	103	100	100	105										
Sunderland	102	100	98	101	100			97	98	102	97	93	92	94	90
Chief		102	100	104	107		97	99	98	105		103	96	102	110
AC Metcalfe			93	95	99			82	83	79			94	92	89
Sabrina								104	103	103			96	95	93
Newdale			99	101	102			82	77	77			94	94	97
CDC Stratus			94	97	99			78	74	71			91	92	89
Creemore				100	98				79	68				90	90
6 rowed															
AC Alma						99	98	99	96	85	100	99	102	96	99
AC Klinck	99	98	97	96	89	102	102	103	107	113	104	104	103	101	101
AC Vision	104	103	101	99	96	98	96	94	96	98	96	97	98	98	97
Brucefield	102	103	101	100	101	104	104	108	107	105	105	103	102	103	106
Chapais	95	96	97	100	95	101	102	103	106	102	103	103	105	105	108
Balance			96	97	100	108	106	108	109	111		107	108	107	112
OAC Baxter	99	97	100	100	103	101	100	101	104	105	96	94	92	93	96
Sumosan						99	99	102	107	116		100	98	102	102
Celebrity		100	99	101	97		104	104	107	106		99	104	102	98
Prosper		104	101	101	101		104	104	105	106					
OAC Staffa		103	103	103	99		101	102	102	100		101	103	106	107
Encore			93	97	102			118	119	128			110	110	113
OAC Cobourg			106	102	104			100	104	103			94	90	95
OAC Chesley			107	106	98			105	108	109			105	101	105
OAC Kawartha			115	113	118			103	106	106			99	104	116
Cyane					100			112	111	110			114	117	115
OAC Belleville			106	105	94			102	96	90			103	104	89
Paidia								101	101	104			98	97	91
Perseos								97	99	100			104	106	98
Celinex				88	93				103	112					98
Legacy									97	89				108	96
Tradition					101					101					105
Mean Yield t/ha	4.10	3.91	4.07	3.86	3.84	5.10	5.04	4.85	4.71	4.10	5.28	5.23	5.23	4.89	4.58
No. of Locations	19	16	12	8	4	10	8	6	4	2	14	11	8	5	2

¹ Values differing by less than 3 within a column may not represent true differences in yield

² Cultivar yield ranking may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

TABLE 4 - 2005 Varietal Characteristics Based on Data from Areas II & IV – Barley

Area II: West of Frontenac (2300 – 2900 Crop Heat Units)

Area IV: The Dundalk Plains (<2500 Crop Heat Units)

Cultivar	Test Wt kg/hl	Kernel Wt g/1000	Height cm	Lodging 0-9 ¹	Heading Days ²	Mildew 0-9 ¹	Leaf Rust 0-9 ¹	Scald 0-9 ¹	Spot Blotch 0-9 ¹
2 rowed									
AC Kings	61.8	46.0	91	3.5	53	1.6	2.0	6.5	6.2
AC Parkhill	63.2	44.2	81	4.4	53	1.4	3.0	8.0	6.1
Formosa	61.7	42.7	79	3.9	52	1.5	4.0	4.5	6.8
Sunderland	63.2	43.1	79	3.0	53	2.2	4.0	7.0	6.7
Chief	58.0	46.4	87	6.0	53	1.2	3.0	7.0	6.1
AC Metcalfe	60.5	40.8	84	4.5	53	0.6	3.0	3.0	6.0
Newdale	57.6	38.3	79	2.6	55	0.8	0.0	3.5	4.5
CDC Stratus	60.0	41.0	76	3.6	54	3.8	2.0	4.0	6.4
Creemore	59.9	45.1	74	1.8	54	0.2	0.0	3.5	5.8
6 rowed									
AC Klinck	56.7	43.8	93	4.3	51	3.3	2.0	4.0	5.6
AC Vision	57.4	38.5	74	5.3	50	0.5	3.0	1.0	5.9
Brucefield	58.1	37.8	84	3.4	50	4.3	3.0	2.0	5.4
Chapais	57.7	42.1	79	4.2	49	3.9	2.0	4.5	6.6
Balance	59.4	39.2	88	2.8	50	5.3	2.0	8.0	5.9
OAC Baxter	59.8	39.9	91	3.1	50	4.0	4.0	4.0	6.3
Celebrity	56.4	44.4	91	4.0	50	5.0	0.0	2.5	6.1
Propser	58.1	38.5	84	1.8	50	4.9	2.0	3.0	6.3
OAC Staffa	58.5	38.2	85	3.4	50	5.0	2.0	2.5	5.2
Encore	54.7	36.5	91	3.8	54	5.7	5.0	1.5	5.9
OAC Cobourg	60.9	40.2	86	1.8	50	1.9	2.0	4.5	5.4
OAC Chesley	61.5	43.1	89	3.6	49	1.1	1.0	2.0	4.9
OAC Kawartha	54.6	42.0	88	3.8	50	1.6	1.0	1.5	5.5
OAC Belleville	57.4	41.6	82	3.5	51	1.5	0.0	3.5	5.4
Celinex	57.0	41.1	99	6.6	53	6.8	1.0	1.0	6.4
No. of Locations	8	8	6	4	7	5	1	1	2

¹ For ratings of 0-9, a high score is undesirable² Number of days from seeding to heading or maturity

TABLE 5 - 2005 Varietal Characteristics Based on Data from Area III – Barley
East of Frontenac (2300 – 2900 Crop Heat Units)

Cultivar	Test Wt kg/hl	Kernel Wt g/1000	Height cm	Lodging 0-9 ¹	Heading days ²	Maturity days ²	Net Blotch 0-9 ¹
2 rowed							
AC Kings	67.8	48.7	83	3.4	55	91	4.7
AC Parkhill	68.6	46.9	74	3.2	57	90	5.2
Sunderland	67.9	45.7	75	4.1	57	89	8.5
Chief	62.6	50.2	84	4.7	56	91	7.1
AC Metcalfe	64.3	41.5	78	4.5	56	91	5.7
Sabrina	67.8	47.1	75	2.6	57	90	5.2
Newdale	62.5	41.2	72	2.0	60	94	5.7
CDC Stratus	62.8	41.1	72	4.0	58	92	4.2
Creemore	65.0	47.7	65	1.1	57	92	6.6
6 rowed							
AC Alma	62.0	43.8	77	1.9	53	91	5.7
AC Klinck	63.3	48.3	85	2.7	54	91	2.8
AC Vision	62.1	41.2	66	5.0	53	90	5.7
Brucefield	64.7	41.3	80	2.4	53	92	5.2
Chapais	63.3	45.6	73	2.2	51	89	6.6
Balance	66.9	44.5	84	1.7	53	90	3.8
OAX Baxter	65.4	43.9	84	2.7	54	91	3.8
Sumosan	65.4	39.2	87	4.3	55	91	4.2
Celebrity	63.8	47.5	85	1.8	52	91	3.8
Propser	64.5	40.3	76	1.0	53	91	5.7
OAC Staffa	64.4	41.5	77	2.0	53	90	5.2
Encore	62.8	44.8	87	1.5	57	93	0.9
OAC Cobourg	65.5	42.1	86	2.4	54	90	5.7
OAC Chesley	66.2	44.1	86	3.5	53	90	2.3
OAC Kawartha	61.8	44.7	79	2.6	53	92	7.6
Cyane	62.4	45.7	93	2.6	57	92	3.3
OAC Belleville	62.2	44.8	75	1.7	54	92	4.2
Paidia	62.3	38.5	94	3.8	57	93	3.3
Perseos	65.5	43.2	88	3.4	56	92	2.8
Celinex	65.1	46.0	95	3.8	56	92	3.8
Legacy	63.3	38.3	81	2.5	54	90	3.3
No. of Locations	4	4	4	4	4	2	1

¹ For ratings of 0-9, a high score is undesirable

² Number of days from seeding to heading or maturity

TABLE 6 - 2005 Varietal Characteristics Based on Data from Areas V & VI – Barley
Area V & VI - Northern Ontario (<2300 Crop Heat Units)

Cultivar	Test Wt kg/hl	Kernel Wt g/1000	Height Cm	Lodging 0-9 ¹	Heading days ²	Maturity days ²	Barley Yellow Dwarf Virus ³	Spot Blotch 0-9 ¹
2 rowed								
AC Kings	61.8	46.9	83	2.6	59	95	2.0	2.0
AC Parkhill	62.8	43.2	72	2.9	61	92	1.0	5.0
Sunderland	61.2	43.1	74	3.6	61	93	0.0	3.0
Chief	60.0	47.2	83	5.2	59	96	1.0	3.0
AC Metcalfe	59.0	39.8	76	3.7	61	95	4.0	3.0
Sabrina	62.4	45.0	74	3.8	65	87	0.0	2.0
Newdale	57.5	41.6	72	1.8	63	95	2.0	4.0
CDC Stratus	58.1	42.3	71	4.0	62	95	4.0	4.0
Creemore	62.3	44.8	65	1.4	60	93	0.0	4.0
6 rowed								
AC Alma	57.0	43.0	74	2.3	58	96	0.0	1.0
AC Klinck	58.6	45.3	83	3.6	58	98	2.0	0.0
AC Vision	59.3	41.7	66	1.4	58	94	2.0	4.0
Brucefield	60.6	40.4	75	2.7	56	95	2.0	2.0
Chapais	58.5	42.7	72	1.3	57	92	1.0	4.0
Balance	60.4	42.8	76	1.6	57	93	1.0	2.0
OAC Baxter	59.2	41.7	78	2.3	58	94	2.0	1.0
Sumosan	60.1	38.0	83	4.0	60	96	2.0	3.0
Celebrity	57.9	44.4	83	2.8	56	93	1.0	3.0
OAC Staffa	60.2	39.4	76	2.5	60	96	0.0	0.0
Encore	56.5	43.1	82	2.7	61	98	3.0	3.0
OAC Cobourg	58.3	41.8	75	2.3	59	95	1.0	4.0
OAC Chesley	59.6	42.2	78	4.0	58	94	0.0	0.0
OAC Kawartha	56.5	42.7	76	1.8	57	95	1.0	2.0
Cyane	60.8	44.8	85	1.9	61	97	1.0	0.0
OAC Belleville	57.8	41.4	77	3.2	59	96	0.0	4.0
Paidia	57.6	38.0	86	2.3	61	98	1.0	0.0
Perseis	59.3	41.8	78	2.4	60	95	2.0	3.0
Legacy	58.0	38.4	78	2.2	58	97	2.0	1.0
No. of Locations	5	5	6	3	5	5	1	1

¹ For ratings of 0-9, a high score is undesirable

² Number of days from seeding to heading or maturity

TABLE 7 - 2005 Trial Cumulative Yield Index¹ Summary - Oats

Cultivar	Area II: West of Frontenac (2,300 - 2,900 Crop Heat Units) Area IV: The Dundalk Plains (<2,500 Crop Heat Units)					Area III: East of Frontenac (2,500-2,900 Crop Heat Units)					Area V & VI: Northern Ontario (< 2,300 Crop Heat Units)				
	5-yr ²	4-yr	3-yr	2-yr	2005	5-yr ²	4-yr	3-yr	2-yr	2005	5-yr ²	4-yr	3-yr	2-yr	2005
AC Aylmer	96	95	95	91	95	91	89	86	82	85	100	100	103	103	101
Goslin	98	98	99	97	92	99	99	101	100	102		98	97	96	95
AC Rigodon	93	90	89	92	99	102	101	99	101	107	106	105	102	100	99
Ida	96	96	95	96	99	94	93	93	93	91		95	97	98	99
Irish	101	101	102	103	105	100	100	102	103	105		99	102	103	105
OAC Markdale	95	94	93	96	96										
Manotick	104	105	106	104	103	100	102	102	103	100	94	94	96	97	100
Fjord						97	96	96	98	95		94	91	90	88
Triple Crown												103	100	101	98
Alcyon		103	104	104	102		106	106	105	119		103	101	100	97
Sherwood		108	108	108	108		113	115	116	118		104	105	105	106
Prescott		106	106	103	100		110	112	115	115		105	107	108	104
Jay			100	101	107										
SW Exactor				103	90				112	110					95
Nice					104			98	99	97			103	101	107
Canuk									88	87				100	104
Dancer										115					
Bullion										54					
Means t/ha	4.32	4.14	4.39	4.34	3.36	4.22	4.16	3.95	3.68	4.07	4.81	4.55	4.37	3.95	3.73
Hulless															
Navan ³	100	100	100	100	100	116	120	114	117	128	109	111	106	108	112
AC Ernie ³							80	86	83	72		89	94	92	88
Means t/ha	2.77	2.51	2.61	2.75	2.40	2.90	2.23	2.20	1.99	2.18	2.72	2.94	2.92	2.62	2.47
Locations	19	16	12	8	4	10	8	6	4	2	13	10	7	6	4

¹ Values differing by less than 3 within a column may not represent true differences in yield

² Cultivar yield ranking may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

TABLE 8a - 2005 Varietal Characteristics by Area – Oats

Cultivar	Hull Colour	Area II: West of Frontenac (2,300 - 2,900 Crop Heat Units) Area IV: The Dundalk Plains (<2,500 Crop Heat Units)							
		Test Wt Kg/hl	Kernel Wt g/1000	Height cm	Lodging g 0-9 ¹	Heading Days ²	Septoria 0-9	2004 Crown Rust 0-9	2004 Septoria 0-9
AC Aylmer	White	48.5	39	78	5.8	47	3.6	1.0	5.3
Goslin	White	44.9	35	73	3.0	48	5.0	0.0	5.3
AC Rigodon	White	46.0	34	87	3.0	51	5.1	4.5	4.3
Ida	White	46.8	30	84	4.0	50	3.1	1.6	4.0
Irish	Yellow	46.8	32	80	2.0	49	4.1	0.9	4.7
OAC Markdale	White	47.3	33	84	1.7	50	3.3	1.6	4.3
Manotick	Yellow	45.3	36	78	3.2	47	4.9	0.2	5.0
Fjord	White								
Triple Crown	White								
Alcyon	White	47.4	36	89	6.0	50	3.8	0.0	3.7
Sherwood	White	47.1	40	75	4.5	48	5.3	0.0	5.7
Prescott	White	48.4	33	78	4.5	48	3.5	0.0	5.0
Jay	Tan	49.1	31	69	2.6	47	3.6	0.0	4.7
SW Exactor	White	42.4	30	86	2.8	57	2.4	0.8	3.3
Nice	White	44.0	33	85	4.4	52	3.0	-	-
Canuk	White								
Dancer	White								
Bullion	White								
Means		46.4	34.0	80.3	3.6	49.4	3.9	0.9	4.6
No. of Locations		4	4	3	2	4	2	2	1
Navan ³	----	56.8	23	89	4.8	52	4.9	2.8	5.3
AC Ernie ³	----								

¹ For ratings of a 9, a high score is undesirable

² Number of days from seeding to heading or maturity

³ 2004 data included where significant disease did not develop in 2005 due to weather conditions

TABLE 8b - 2005 Varietal Characteristics by Area – Oats

Cultivar	Hull Colour	Area III East of Frontenac (2,500 - 2,900 Crop Heat Units)							
		Test Wt Kg/hl	Kernel Wt g/1000	Height cm	Lodging 0-9 ¹	Heading Days ²	Crown Rust 0-9	Septoria 0-9	2004 Crown Rust 0-9
AC Aylmer	White	47.7	35	96	8.0	47	2.0	1.0	5.7
Goslin	White	48.3	37	94	6.5	49	2.0	3.0	0.5
AC Rigodon	White	47.0	33	103	7.8	51	3.0	1.0	4.0
Ida	White	46.3	31	102	8.0	51	3.0	1.0	1.8
Irish	Yellow	46.5	33	97	4.0	52	1.0	1.0	1.7
OAC Markdale	White								
Manotick	Yellow	44.9	38	93	6.0	48	3.0	1.0	0.8
Fjord	White	49.1	34	104	8.0	50	3.0	1.0	1.8
Triple Crown	White								
Alcyon	White	48.5	35	108	6.8	50	0.0	1.0	
Sherwood	White	48.9	39	94	5.5	48	0.0	3.0	0.0
Prescott	White	49.2	33	91	6.0	48	0.0	0.0	0.2
Jay	Tan								
SW Exactor	White	49.4	36	113	5.8	55	3.0	0.0	1.0
Nice	White	45.6	32	106	8.3	53	2.0	1.0	0.3
Canuk	White	47.0	30	110	8.0	52	3.0	1.0	4.7
Dancer	White	52.2	33	105	8.0	52	4.0	1.0	-
Bullion	White	62.8	22	90	4.8	51	5.0	1.0	-
Means		48.9	33.4	100.2	6.8	50.2	2.3	1.1	2.0
No. of Locations		2	2	2	1	1	1	1	2
Navan ³	----	59.6	26	105	7.8	51	2.0	1.0	3.4
AC Ernie ³	----	55.6	21	100	6.3	57	2.0	1.0	4.4
Means		57.6	23.3	102.1	7.0	53.8	2.0	1.0	3.9

¹ For ratings of a 9, a high score is undesirable

² Number of days from seeding to heading or maturity

³ 2004 data included where significant disease did not develop in 2005 due to weather conditions

TABLE 8c - 2005 Varietal Characteristics by Area – Oats

Cultivar	Hull Colour	Area V & VI Northern Ontario (<2,300 Crop Heat Units)							
		Test Wt Kg/hl	Kernel Wt g/1000	Height cm	Lodging 0-9 ¹	Heading Days ²	Maturity Days	Septoria 0-9	BYDV 0-9
AC Aylmer	White	49.7	37	83	1.9	57	93	2.0	1.0
Goslin	White	45.7	35	81	1.6	57	92	3.0	1.0
AC Rigodon	White	47.0	32	84	1.9	60	93	2.0	1.0
Ida	White	48.8	31	82	2.0	58	93	3.0	1.0
Irish	Yellow	48.2	31	77	0.6	58	92	3.0	1.0
OAC Markdale	White								
Manotick	Yellow	46.2	35	76	1.4	57	90	1.0	1.3
Fjord	White	48.3	36	88	1.6	58	92	3.0	2.0
Triple Crown	White	45.2	35	87	1.0	64	94	1.5	2.5
Alcyon	White	47.0	35	91	4.0	59	92	2.0	0.0
Sherwood	White	48.1	36	80	0.5	57	93	1.0	1.0
Prescott	White	48.2	31	73	1.5	57	95	2.0	1.4
Jay	Tan								
SW Exactor	White	46.7	38	87	0.5	64	94	1.0	1.0
Nice	White	48.0	33	86	1.0	61	93	0.0	1.3
Canuk	White	49.5	36	91	1.8	60	93	2.0	1.0
Dancer	White								
Bullion	White								
Means		47.6	34.3	83.1	1.5	59.1	92.8	1.9	1.2
No. of Locations		4	4	4	1	2	2	1	1
Navan ³	----	60.8	29	86	0.9	61	96	2.5	1.0
AC Ernie ³	----	54.8	28	83	0.8	64	95	1.0	5.0
Means		57.8	28.3	84.3	0.8	62.5	95.6	1.8	3.0

¹ For ratings of a 9, a high score is undesirable

² Number of days from seeding to heading or maturity

³ 2004 data included where significant disease did not develop in 2005 due to weather conditions

TABLE 9 - Distributors and Breeders of Cereal Varieties

	Variety	Distributor	Breeder
Barley	AC Alma	Advantage Seed Growers and Processors Inc.	AAFC, Charlottetown
	AC Kings	Bramhill Seeds Ltd.	AAFC, Charlottetown
	AC Klinck	SeCan	AAFC, Charlottetown
	AC Metcalfe	SeCan	AAFC, Brandon
	AC Parkhill	SeCan	AAFC-ECORC, Ottawa
	AC Vision	SeCan	AAFC-ECORC, Ottawa
	Balance	Hyland Seeds, Div. of Thompson Ltd.	Semico, Quebec
	Brucefield	Hyland Seeds, Div. of Thompson Ltd.	Semico, Quebec
	CDC Stratus	Hyland Seeds, Div. of Thompson Ltd.	University of Saskatchewan
	Celebrity (CRB 996028)	Cribit Seeds	OMAFRA/University of Guelph
	Celinux	Semico	Semico
	Chapais	SeCan	AAFC Ste. Foy
	Chief	SeCan	AAFC, Charlottetown
	Creemore (ACS50516)	C & M Seeds	ACS-PZO, Germany
	Cyane	La Coop Fédérée	Laval University
	Encore (AB183-5)	SeCan	AAFC, Charlottetown
	Formosa	C&M Seeds	ACS-PZO, Germany
	Legacy	C&M Seeds	Busch Agricultural Resources Inc.
	Newdale	Hyland Seeds, Div. of Thompson Ltd.	AAFC, Brandon
	OAC Baxter	C&M Seeds	OMAFRA/ University of Guelph
	OAC Belleville	Advantage Seed Growers and Processors Inc.	OMAFRA/University of Guelph
	OAC Chesley	C & M Seeds	OMAFRA/University of Guelph
	OAC Cobourg	Advantage Seed Growers and Processors Inc.	OMAFRA/University of Guelph
	OAC Kawartha	SeCan	OMAFRA/University of Guelph
	OAC Staffa (GB 966057-1)	PRO Seeds	OMAFRA/University of Guelph
	Paçdia (CFO 141AA7)	La Coop Fédérée	Laval University
	Perseis (CFO 35AA1)	La Coop Fédérée	Laval University
	Prosper (GB 966057-2)	PRO Seeds	OMAF/University of Guelph
	Sabrina	La Coop Fédérée	La Coop Fédérée
	Sumosan	La Coop Fédérée	Thompson Ltd.
Sunderland	Hyland Seeds, Div. of Thompson Ltd.	Thompson Ltd	
Tradition	Hyland Seeds, Div. of Thompson Ltd.	Anheiser Busch	
Oats	AC Aylmer	Advantage Seed Growers and Processors Inc.	AAFC-ECORC, Ottawa
	AC Ernie	La Coop Fédérée	AAFC, Ottawa
	AC Rigodon	SeCan	AAFC Ste. Foy
	Alcyon	Advantage Seed Growers and Processors Inc.	
	Bullion	Synargi	
	Canuk	Semican	
	Dancer	Synargi	
	Fjord	La Coop Fédérée	McGill University
	Goslin	Hyland Seeds, Div. of Thompson Ltd.	AAFC-ECORC, Ottawa
	Ida	Hyland Seeds, Div. of Thompson Ltd.	Michigan State University
	Irish	Hyland Seeds, Div. of Thompson Ltd.	Michigan State University
	Jay (P8640A1-31)	Belterre	Purdue Univ., USA
	Lafayette (OA1017-1)	William Houde Ltee	AAFC, Ottawa

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	Variety	Distributor	Breeder
	Manotick	SeCan	AAFC, Ottawa
	Navan	SeCan	AAFC, Ottawa
	Nice	La Coop Fédérée	
	OAC Markdale	PRO Seeds	OMAF/University of Guelph
	Prescott (OA1021-1)	C&M Seeds	AAFC, Ottawa
	Sherwood (OA1019-1)	Hyland Seeds, Div. of Thompson Ltd.	AAFC, Ottawa
	SW Exactor	Bonis & Company Ltd.	Svalof - Weibulls, Sweden
	Triple Crown	La Coop Fédérée	Svalöf Weibull
Spring Wheat	606	C & M Seeds	ACS-PZO, Germany
	AC Barrie	SeCan	AAFC, Swift Current
	AC Brio	C&M Seeds	AAFC Ste. Foy
	Arion (CFB 97626)	La Coop Fédérée	ACS-PZO, Germany
	B89:6:28:88	C&M Seeds	AAFC/University of Guelph
	Brookfield (AW466)	C&M Seeds	AAFC, Charlottetown
	Hobson	Hyland Seeds, div. of Thompson Ltd.	CDC, Saskatchewan
	Hoffman (QW628:5)	Hyland Seeds, div. of Thompson Ltd.	AAFC Ste. Foy
	Nass	SeCan	AAFC, Charlottetown
	Norwell	C&M Seeds	AAFC/University of Guelph
	Quantum	C&M Seeds	ACS-PZO, Germany
	Sable (CM 2032)	C&M Seeds	ACS-PZO, Germany
	SS Fundy	La Coop Fédérée	
	Superb	Secan	AAFC, Winnipeg
	Torka	La Coop Fédérée	ACS-PZO, Germany
	Winfield (W94194)	Hyland Seeds, div. of Thompson Ltd.	CDC, Saskatchewan