

# 2019

## Ontario Spring Cereal Performance Trials

Data collected 2014-2018

[www.gocereals.ca](http://www.gocereals.ca)



**Conducted by the Ontario Cereal Crop Committee**

Current as of November 18, 2018

## Ontario Spring Cereal Performance Trials

This report has been prepared by the Ontario Cereal Crop Committee and contains the most recent varietal information on spring cereals that were planted and harvested in 2018.

### ADDITIONAL INFORMATION

Additional information is available at [www.gocereals.ca](http://www.gocereals.ca), including

- Map with area and individual locations
- Head to Head comparisons which also provide multi-year data
- Historical Performance reports

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# Ontario Spring Cereal Performance Trials



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**Table 1. 2018 Spring Wheat Performance Trial Cumulative Yield Index<sup>1</sup> Summary**








Cultivar	Class <sup>3</sup>	Area II <sup>2</sup>					Area III <sup>2</sup>					Area V <sup>2</sup>				
		5 yr <sup>4</sup>	4 yr	3 yr	2 yr	2018	5 yr <sup>4</sup>	4 yr	3 yr	2 yr	2018	5 yr <sup>4</sup>	4 yr	3 yr	2 yr	2018
Furano	HRS						103	101	101	101	101	100	102	103	100	100
MAJOR	HRS						102	100	100	100	101	96	95	94	92	97
Fuzion	HRS						95	95	95	95	94	99	98	99	97	103
Wilkin 	HRS	107	110	116	118	106	103	105	104	104	105	106	106	106	106	94
AAC Scotia 	HRS-a	98	94	92	91	98	109	108	107	107	104	107	106	109	111	112
TOPAZE	HRS-a						97	95	99	97	96					
AAC Brandon 	HRS-a															98
Easton 	HRS-a	111	113	115	123	110	109	109	109	111	102	105	105	106	108	93
Dakosta 	HRS-a														103	102
Moka	HRS					77	92	93	92	91	92	98	97	96	98	95
RGT Presidio	HRS									102	104				99	104
Raven 	HRS-a			121	129	109			108	109	105			109	107	103
Ventry	HRS			108	110	107			100	101	102			97	101	98
DS206HRS	HRS			99	96	86			92	92	93					
AAC Synox	HRS-a										100					96
Toundra	HRS-a					92				99	97				93	91
Hoffman	EFS-a	100	93	86	96	104	107	107	105	101	108		107	108	106	119
Bangor	EFS-a					113				101	100				96	105
Dagon 	EFS-a				89	110				109	105				96	99
Means (t/ha)		4.25	4.12	3.62	3.30	4.15	3.62	3.76	3.46	3.15	3.09	4.11	4.14	3.88	3.70	3.70
Means (bu/ac)		63	61	54	49	62	54	56	52	47	46	61	62	58	55	55
Locations		14	10	6	3	1	15	12	9	6	3	13	11	9	6	3

Notes:

1. Values differing by less than 3 within a column may not represent true differences in yield. Yield Indices are Heritability Adjusted Relative Values (HARV), which favour results from trial locations with high repeatability. For more information, see: Yan, W. Use of HARV in Variety Trial Summaries.
  2. See area map on GoCereals.ca website.
  3. HRS = hard red spring, EFS = eastern feed spring, -a = awned
  4. Cultivar yield ranking may vary from year to year. Decisions are therefore best made using data with the greatest number of years
-   = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit pbrfacts.ca to learn more.

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**Table 1a - Ontario Performance Trial; Spring Wheat 2018 Cumulative Yield Index<sup>1</sup> Intensive Trials  
Summary for Area II<sup>2</sup>, OCCC, November 2018**

Class <sup>3</sup>	Variety	4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2017 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes
hrs	Sable (awned)	99 <sup>4</sup>	113	101	116	101	121	98	131
	HY 124-HRS (awned)	97	107	97	105	95	106	95	116
	Wilkin 	101	115	105	117	107	123	111	136
	AAC Scotia (awned) 	93	101	88	95	87	95	79	90
	Easton (awned) 	107	118	108	117	109	121	116	144
	AAC Fairwind (awned) 	98	110	98	108	97	113	98	127
	Dakosta (awned) 							70	83
	SS Blomidon	89	96	86	92	82	87	69	77
	Raven (awned) 					115	122	124	139
	Ventry					98	106	99	113
	DS206HRS					94	102	90	106
other	Pasteur			102	115	101	116	95	122
efs	HY 162-HRF (awned)							76	106
	Hoffman (awned)	96	111	92	106	85	108	83	111
	Dagon (awned) 							70	97
trit	Sonika (awned)			98	107	98	107	90	107
Means (t/ha)		3.93	4.36	3.86	4.21	3.53	3.98	2.98	3.66
Means (bu/ac)		58.4	64.8	57.4	62.6	52.5	59.2	44.3	54.4
Location-Years		8		6		4		2	



<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield. Yield Indices are Heritability Adjusted Relative Values (HARV), which favour results from trial locations with high repeatability. For more information, see: Yan, W. Use of HARV in Variety Trial Summaries.

<sup>2</sup> Area 2: see map of areas on [www.gocereals.ca/variety\\_trial.php](http://www.gocereals.ca/variety_trial.php).

<sup>3</sup> hrs = hard red spring, efs = eastern feed spring, trit = triticale, other = does not meet quality standards for CEHRS.






<sup>4</sup> Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of Fungicide treatments included a T1 application of foliar fungicide at Zadoks Growth Stage 30 to 31, followed by a T3 application of fusarium fungicide during flowering.

**The OCCC is thankful to the Grain Farmers of Ontario, BASF, Bayer and Syngenta for their financial support towards the**

  PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [pbrfacts.ca](http://pbrfacts.ca) to learn more.

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**Table 1b - Ontario Performance Trial; Spring Wheat 2018 Cumulative Yield Index<sup>1</sup> Intensive Trials  
Summary for Area III<sup>2</sup>, OCCC, November 2018**

Class <sup>3</sup>	Variety	5-Year Index		4-Year Index		3-Year Index		2-Year Index		2018 Index	
		Fungicides		Fungicides		Fungicides		Fungicides		Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
hrs	Furano	99 <sup>4</sup>	104	98	103	99	107	96	106	101	106
	MAJOR	92	99	91	100	91	102	89	101	88	100
	Fuzion	91	97	89	97	91	100	87	98	87	94
	Wilkin 	91	104	93	105	94	105	94	108	107	106
	AAC Scotia (awned) 	105	110	105	111	105	113	103	110	99	103
	TOPAZE (awned)	95	103	94	103	94	103	95	103	98	99
	Easton (awned) 	99	113	99	114	99	116	101	120	98	114
	Moka	92	102	93	104	87	100	86	102	90	95
	RGT Presidio							95	115	103	113
	Raven (awned) 					105	115	106	117	107	114
	Ventry					93	101	93	105	101	108
	DS206HRS					79	91	77	92	82	96
AAC Synox (awned)									98	102	
Toundra (awned)							93	100	95	96	
efs	Hoffman (awned)	107	118	107	120	110	124	105	122	115	112
	Bangor (awned)							97	109	95	102
	Dagon (awned) 							99	109	97	105
Means (t/ha)		4.41	4.85	4.91	5.44	4.31	4.84	4.04	4.67	4.84	5.14
Means (bu/ac)		65.5	72.2	73.0	80.9	64.1	72.0	60.0	69.5	72.0	76.4
Location-Years		5		4		3		2		1	



<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield. Yield Indices are Heritability Adjusted Relative Values (HARV), which favour results from trial locations with high repeatability. For more information, see: Yan, W. Use of HARV in Variety Trial Summaries.

<sup>2</sup> Area 3: see map of areas on [www.gocereals.ca/variety\\_trial.php](http://www.gocereals.ca/variety_trial.php).

<sup>3</sup> hrs = hard red spring, efs = eastern feed spring.








<sup>4</sup> Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years. Fungicide treatments included a T1 application of foliar fungicide at Zadoks Growth Stage 30 to 31, followed by a T3 application of fusarium fungicide during flowering.

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**Table 1c - Ontario Performance Trial; Spring Wheat 2018 Cumulative Yield Index<sup>1</sup> Intensive Trials  
Summary for Area V<sup>2</sup>, OCCC, November 2018**

Class <sup>3</sup>	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2018 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
hrs	Furano	99 <sup>4</sup>	98	100	99	103	99	104	98	100	103
	MAJOR	96	94	97	94	97	92	97	91	101	101
	Fuzion	96	101	95	100	96	102	94	105	105	108
	Wilkin 	106	105	106	107	108	108	112	111	85	87
	AAC Scotia (awned) 	103	107	103	108	106	110	108	116	118	120
	AAC Brandon (awned) 									101	109
	Easton (awned) 	106	108	108	111	111	112	117	116	84	88
	Dakosta (awned) 							93	97	95	94
	Moka	95	98	93	98	93	96	92	96	94	95
	RGT Presidio							104	110	115	114
	Raven (awned) 					110	108	111	107	102	107
	Ventry					90	94	92	95	92	94
	AAC Synox (awned)									90	93
	Tundra (awned)							80	85	82	84
efs	Hoffman (awned)			102	119	100	120	95	121	119	136
	Bangor (awned)							86	96	101	103
	Dagon (awned) 							89	100	99	102
Means (t/ha)		4.81	5.04	4.76	5.04	4.35	4.57	3.47	3.72	2.98	3.08
Means (bu/ac)		71.5	74.9	70.7	74.9	64.7	67.9	51.6	55.3	44.2	45.8
Location-Years		5		4		3		2		1	

<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield. Yield Indices are Heritability Adjusted Relative Values (HARV), which favour results from trial locations with high repeatability. For more information, see: Yan, W. Use of HARV in Variety Trial Summaries.

<sup>2</sup> Area 5: see map of areas on [www.gocereals.ca/variety\\_trial.php](http://www.gocereals.ca/variety_trial.php).

<sup>3</sup> hrs = hard red spring, efs = eastern feed spring, trit = triticale, other = does not meet quality standards for CEHRS.

<sup>4</sup> Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

Fungicide treatments included a T1 application of foliar fungicide at Zadoks Growth Stage 30 to 31, followed by a T3 application of fusarium fungicide during flowering.






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**Table 2a - Ontario Spring Wheat Varietal Characteristics Based on Data from Area 2, 2018**

Cultivar	Class <sup>1</sup>	** Fusarium Data			Test Weight (kg/hL)	1000 Kernel Weight (g)	Height (cm)	Heading <sup>4</sup> (days)	Maturity <sup>4</sup> (days)
		Combined Fusarium Rating <sup>2</sup>	DON Rating <sup>2</sup>	Years					
Wilkin 	HRS	S	S	9	71.2	31.4	73	48	77
AAC Scotia 	HRS-a	MR	MR	9	68.5	31.4	93	49	78
Easton 	HRS-a	MS	MS	7	71.7	29.8	72	51	79
Moka	HRS	MS	MS	4	71.2	37.1	86	45	76
Raven 	HRS-a	MS	S	4	71.4	35.4	77	49	79
Ventry	HRS	MS	MS	4	71.3	39.0	92	46	76
DS206HRS	HRS	MS	MS	4	70.5	34.1	61	45	77
Toundra	HRS-a	MR	MR	1	72.5	35.5	90	48	77
Hoffman	EFS-a	S	HS	6	69.1	42.7	87	50	78
Bangor	EFS-a	MR	MS	1	68.5	35.4	88	50	79
Dagon 	EFS-a	MS	S	1	70.5	29.2	73	50	79
Means					70.6	34.6	81	48	77
Locations					1	1	1	1	1

Notes:






1. HRS = hard red spring, EFS = eastern feed spring, -a = awned
2. Combined Fusarium Ratings are based on BOTH Fusarium head blight ratings and deoxynivalenol (DON) levels from inoculated provincial trials.  
DON Ratings are based only on DON levels from inoculated provincial trials.  
MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst)
3. For ratings 0-9, a high score is undesirable.
4. Days from planting. Heading and Physiological Maturity vary from year to year and should only be used to indicate relative differences.

  = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [pbrfacts.ca](http://pbrfacts.ca) to learn more.

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**Table 2b - Ontario Spring Wheat Varietal Characteristics Based on Data from Area 3, 2018**

Cultivar	Class <sup>1</sup>	** Fusarium Data			1000							
		Combined Fusarium Rating <sup>2</sup>	DON Rating <sup>2</sup>	Years	Test Weight (kg/hL)	Protein (%)	Kernel Weight (g)	Lodging (0-9) <sup>3</sup>	Height (cm)	Heading <sup>4</sup> (days)	Maturity <sup>4</sup> (days)	Straw Yield Index
Furano	HRS	MR	MR	10	74.3	14.7	31.1	1.5	93	54	87	81
MAJOR	HRS	MR	MR	10	74.1	14.8	31.1	1.9	93	55	88	82
Fuzion	HRS	MS	MS	10	73.1	14.3	30.4	1.8	101	50	86	98
Wilkin 	HRS	S	S	9	73.1	14.6	29.5	0.0	84	50	85	102
AAC Scotia 	HRS-a	MR	MR	9	72.0	14.1	32.0	1.4	100	53	85	112
TOPAZE	HRS-a	MR	MS	7	71.8	14.7	25.9	0.0	85	56	87	123
Easton 	HRS-a	MS	MS	7	73.8	14.4	26.7	0.0	79	53	85	92
Moka	HRS	MS	MS	4	74.7	14.9	33.1	1.4	99	48	83	89
RGT Presidio	HRS	S	HS	1	71.9	13.6	27.0	0.8	79	54	87	93
Raven 	HRS-a	MS	S	4	73.3	13.5	31.0	0.0	89	51	86	119
Ventry	HRS	MS	MS	4	75.3	14.6	33.6	0.4	101	47	83	96
DS206HRS	HRS	MS	MS	4	74.8	15.0	31.1	0.7	81	46	83	64
AAC Synox	HRS-a	--	--	--	76.7	14.9	28.5	0.0	93	50	84	103
Toundra	HRS-a	MR	MR	1	75.9	15.5	33.1	0.9	102	49	85	126
Hoffman	EFS-a	S	HS	6	72.3	13.6	33.7	0.5	96	51	86	121
Bangor	EFS-a	MR	MS	1	70.4	13.9	30.7	0.0	95	52	87	115
Dagon 	EFS-a	MS	S	1	72.9	14.1	26.3	0.0	82	52	85	84
Means					73.5	14.4	30.3	0.7	91	51	85	3.44 t/ha
Locations					3	3	3	2	3	3	1	1

Notes:

1. HRS = hard red spring, EFS = eastern feed spring, TRIT = triticale, Other = does not meet quality standards for CEHRS, -a = awned
2. Combined Fusarium Ratings are based on BOTH Fusarium head blight ratings and deoxynivalenol (DON) levels from inoculated provincial trials.



DON Ratings are based only on DON levels from inoculated provincial trials.

MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst)

\*\* These columns will be updated when the 2018 data are available.








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

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

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**Table 2c - Ontario Spring Wheat Varietal Characteristics Based on Data from Area 5, 2018**

Cultivar	Class <sup>1</sup>	** Fusarium Data			Test Weight (kg/hL)	Protein (%)	1000 Kernel				Straw Yield Index
		Combined Fusarium Rating <sup>2</sup>	DON Rating <sup>2</sup>	Years			Weight (g)	Height (cm)	Heading <sup>4</sup> (days)	Maturity <sup>4</sup> (days)	
Furano	HRS	MR	MR	10	74.0	15.4	35.8	85	55	89	117
MAJOR	HRS	MR	MR	10	73.4	14.6	36.5	88	55	89	138
Fuzion	HRS	MS	MS	10	75.0	14.8	37.0	94	51	87	111
Wilkin 	HRS	S	S	9	72.3	14.8	32.3	70	50	86	94
AAC Scotia 	HRS-a	MR	MR	9	73.8	13.6	38.4	90	53	88	101
AAC Brandon 	HRS-a	--	--	--	75.9	15.3	33.8	69	50	86	89
Easton 	HRS-a	MS	MS	7	74.3	14.8	31.2	68	54	89	128
Dakosta 	HRS-a	MR	MR	1	75.5	15.1	35.9	84	51	87	80
Moka	HRS	MS	MS	4	75.2	15.1	39.4	84	50	85	66
RGT Presidio	HRS	S	HS	1	73.3	14.2	31.8	73	54	89	79
Raven 	HRS-a	MS	S	4	74.8	13.9	36.9	82	51	88	108
Ventry	HRS	MS	MS	4	75.5	15.6	37.9	86	50	86	77
AAC Synox	HRS-a	--	--	--	77.1	15.7	32.6	82	51	87	71
Toundra	HRS-a	MR	MR	1	75.4	16.1	35.6	92	50	86	133
Hoffman	EFS-a	S	HS	6	74.2	13.3	43.0	89	50	87	126
Bangor	EFS-a	MR	MS	1	72.6	14.0	37.3	90	51	88	101
Dagon 	EFS-a	MS	S	1	75.3	14.8	30.7	70	54	89	81
Means					74.6	14.8	35.7	82	52	87	3.19 t/ha
Locations					3	2	3	3	3	3	2







Notes:

1. HRS = hard red spring, EFS = eastern feed spring, -a = awned
2. Combined Fusarium Ratings are based on BOTH Fusarium head blight ratings and deoxynivalenol (DON) levels from inoculated provincial trials.  
DON Ratings are based only on DON levels from inoculated provincial trials.  
MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst)
- \*\* These columns will be updated when the 2018 data are available.
3. For ratings 0-9, a high score is undesirable.
4. Days from planting. Heading and Physiological Maturity vary from year to year and should only be used to indicate relative differences.

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**Table 3. 2018 Spring Barley Performance Trial Cumulative Yield Index<sup>1</sup> Summary**

Cultivar	Area II <sup>2</sup>					Area III <sup>2</sup>					Area V <sup>2</sup>				
	5 yr <sup>3</sup>	4 yr	3 yr	2 yr	2018	5 yr <sup>3</sup>	4 yr	3 yr	2 yr	2018	5 yr <sup>3</sup>	4 yr	3 yr	2 yr	2018
<b>2 Rowed</b>															
AC Kings	98	97	95	95	97										
Bornholm	100	102	99	99	107	98	101	101	104	105					
Conestogo	97	99	97	96	100	95	97	98	101	101					
AAC Purpose 	98	99	99	102	111	96	96	97	97	101	99	100	101	104	104
Dundee			96	95	99			101	103	101			96	97	100
Champion 			98	91	97			100	98	99					
AAC Bell 										94					95
AAC Ling 										80					96
AAC Synergy 					91					88					
Newport					104					102					
<b>6 Rowed</b>															
Cyane	104	102	101	105	99	107	107	106	108	111					
Dignity	101	99	99	98	91	101	102	101	101	93					
OCEANIK						108	110	109	110	114	107	107	107	103	100
OAC Laverne	103	104	104	107	110	101	103	103	102	104					
Harmony						106	104	104	105	113	97	96	95	100	107
Synasolis											106	106	108	107	106
Amberly	105	106	107	112	111	104	102	104	102	99					111
HY 621-6R	104	101	105	112	111	101	101	102	107	107					
Alyssa												93	91	89	95
AAC Mirabel						97	96	96	94	99	98	95	95	94	94
OAC Belwood	99	100	98	97	102	102	104	103	104	104					
Boroë											107	107	107	107	102
Masky						105	105	104	104	106	105	105	105	106	104
Chambly						105	106	107	110	107	101	102	102	104	102
AAC Vitality	102	102	105	105	102	104	102	103	103	102	101	100	101	103	100
DS7176RB	99	98	96	94	92	108	109	108	112	120					
AAC Montrose 												103	102	100	96
Marden			104	107	102			97	100	96			105	102	95
Baden			104	105	107			110	112	109			108	105	103
DS8126RB					107					113					
Sagamie										94					
<b>6 Rowed Hulless</b>															
Bastile									70	78		80	79	86	90
Means (t/ha)	4.36	4.06	4.23	3.70	3.50	4.48	4.41	3.80	3.60	3.45	4.76	4.89	4.64	4.64	4.03
Means (bu/ac)	81	76	79	69	65	83	82	71	67	64	88	91	86	86	75
Locations	15	11	7	4	2	11	9	7	5	3	12	10	8	5	2

Notes:

1. Values differing by less than 3 within a column may not represent true differences in yield. Yield Indices are Heritability Adjusted Relative Values (HARV), which favour results from trial locations with high repeatability. For more information, see: Yan, W. Use of HARV in Variety Trial Summaries.




2. See area map on GoCereals.ca website.

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

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**Table 4a - Ontario Spring Barley Varietal Characteristics Based on Data from Area 2, 2018**

Cultivar	Class <sup>1</sup>	Test	1000	Height (cm)	Lodging (0-9) <sup>2</sup>	Heading <sup>3</sup> (days)	Maturity <sup>3</sup> (days)	Straw Yield Index
		Weight (kg/hL)	Kernel Weight (g)					
AC Kings	2R	60.8	48.3	77	1.8	49	74	101
Bornholm	2R	63.1	45.2	67	0.3	50	74	130
Conestogo	2R	61.2	45.5	74	4.5	49	74	104
AAC Purpose 	2R	59.2	54.1	73	3.3	52	78	113
Dundee	2R	60.4	46.7	68	2.5	50	75	92
Champion 	2R	60.9	49.1	61	0.8	51	77	90
AAC Synergy 	2R	56.6	46.9	72	3.0	49	74	97
Newport	2R	62.5	46.7	68	4.3	48	74	74
Cyane	6R	57.4	51.5	77	0.0	51	77	109
Dignity	6R	57.6	46.8	71	0.0	50	76	107
OAC Laverne	6R	62.6	48.0	76	0.0	48	77	81
Amberly	6R	58.2	44.4	77	0.0	54	81	129
HY 621-6R	6R	57.1	50.3	74	1.0	46	74	74
OAC Belwood	6R	60.6	52.7	68	1.3	47	74	92
AAC Vitality	6R	50.2	41.6	76	1.8	54	79	88
DS7176RB	6R	50.7	53.0	73	0.0	50	75	111
Marden	6R	58.8	47.3	74	0.8	48	74	81
Baden	6R	56.6	37.5	67	0.0	51	75	110
DS8126RB	6R	58.3	45.3	70	0.0	51	78	120
Means		58.6	47.4	72	1.3	50	76	2.13 t/ha
Locations		2	1	2	1	2	1	1






Notes:

1. 2R = 2 Row, 6R = 6 Row
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.

 = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [pbrfacts.ca](http://pbrfacts.ca) to learn more.

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**Table 4b - Ontario Spring Barley Varietal Characteristics Based on Data from Area 3, 2018**

Cultivar	Class <sup>1</sup>	Test Weight (kg/hL)	1000 Kernel Weight (g)	Height (cm)	Heading <sup>3</sup> (days)	Maturity <sup>3</sup> (days)	Straw Yield Index
Bornholm	2R	65.3	37.8	61	53	73	100
Conestogo	2R	63.1	37.1	71	52	73	121
AAC Purpose 	2R	60.7	43.1	75	55	75	94
Dundee	2R	62.1	36.7	70	54	74	58
Champion 	2R	61.1	37.3	61	54	75	87
AAC Bell 	2R	62.0	41.9	70	55	75	93
AAC Ling 	2R	61.1	43.6	70	56	75	99
AAC Synergy 	2R	59.2	37.9	65	55	75	96
Newport	2R	62.3	37.3	65	51	73	101
Cyane	6R	57.2	36.4	77	55	75	111
Dignity	6R	60.2	32.7	72	53	74	90
OCEANIK	6R	57.3	34.4	76	54	74	97
OAC Laverne	6R	62.2	34.4	78	52	75	93
Harmony	6R	58.4	35.6	79	55	75	80
Amberly	6R	59.2	36.8	74	55	75	103
HY 621-6R	6R	59.2	36.1	72	49	71	120
AAC Mirabel	6R	55.8	33.7	74	55	75	113
OAC Belwood	6R	60.8	37.4	66	49	74	102
Masky	6R	60.2	32.3	73	56	75	93
Chambly	6R	57.6	36.3	70	55	75	101
AAC Vitality	6R	58.3	34.5	73	56	76	97
DS7176RB	6R	56.2	37.2	75	52	73	91
Marden	6R	58.8	34.9	70	49	72	107
Baden	6R	59.1	30.0	60	52	74	133
DS8126RB	6R	58.9	35.5	71	54	75	86
Sagamie	6R	58.0	33.5	68	58	76	110
Bastile	6R hulless	70.7	28.7	71	57	75	125
Means		60.2	36.0	71	54	74	2.17 t/ha
Locations		3	3	2	2	2	1

Notes:





1. 2R = 2 Row, 6R = 6 Row
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.



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**Table 4c - Ontario Spring Barley Varietal Characteristics Based on Data from Area 5, 2018**

Cultivar	Class <sup>1</sup>	Test Weight (kg/hL)	1000 Kernel Weight (g)	Height (cm)	Lodging (0-9) <sup>2</sup>	Heading <sup>3</sup> (days)	Maturity <sup>3</sup> (days)	Straw Yield Index
AAC Purpose 	2R	57.8	46.6	82	2.5	57	80	140
Dundee	2R	60.1	40.2	75	1.3	58	77	131
AAC Bell 	2R	59.7	43.1	80	1.3	60	81	138
AAC Ling 	2R	59.3	44.2	79	1.3	61	82	107
OCEANIK	6R	56.0	38.7	78	1.0	57	77	103
Harmony	6R	58.0	41.2	81	1.5	55	83	110
Synasolis	6R	56.4	36.0	67	1.5	58	83	99
Amberly	6R	59.5	41.3	80	1.5	55	81	93
Alyssa	6R	57.4	38.1	74	1.0	59	81	95
AAC Mirabel	6R	54.8	38.4	75	1.8	57	83	96
Boroe	6R	56.7	37.6	80	1.0	55	81	97
Masky	6R	58.8	36.4	72	1.3	57	79	86
Chambly	6R	56.8	40.7	71	1.0	54	82	68
AAC Vitality	6R	56.2	39.7	79	1.3	57	81	109
AAC Montrose 	6R	55.6	39.1	77	1.0	55	82	109
Marden	6R	56.5	38.4	71	1.8	53	77	80
Baden	6R	56.8	33.0	60	2.0	56	76	60
Bastile	6R hulless	68.1	35.5	76	1.0	56	80	80
Means		58.0	39.3	75	1.4	57	80	1.52 t/ha
Locations		2	2	2	1	2	2	1








Notes:

1. 2R = 2 Row, 6R = 6 Row
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

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**Table 5. 2018 Oat Performance Trial Cumulative Yield Index<sup>1</sup> Summary**

Cultivar	Area II <sup>2</sup>					Area III <sup>2</sup>					Area V <sup>2</sup>				
	5 yr <sup>3</sup>	4 yr	3 yr	2 yr	2018	5 yr <sup>3</sup>	4 yr	3 yr	2 yr	2018	5 yr <sup>3</sup>	4 yr	3 yr	2 yr	2018
<b>Hulled</b>															
OAC Markdale	85	87	82	79	78	95	92	93	93	101					
RC Amaze	86	88	87	83	92	91	91	91	89	115		97	94	93	87
Dieter 						92	89	89	84	86	99	99	100	102	103
Avatar						95	93	92	87	105					
Hidalgo											100	100	100	101	103
Vitality									83	94	100	101	101	102	102
AAC Bullet	115	107	107	108	106	110	111	111	118	101					
AAC Roskens	100	99	99	104	101										
Nice											101	101	102	100	99
AAC Almonte	107	103	99	100	96	107	105	107	113	99	98	96	98	99	97
CDC Orrin 					96	107	107	110	110	121				103	108
AAC Richmond		105	106	106	106		100	98	93	85		104	105	106	110
AAC Oaklin	109	105	105	110	103	109	110	109	117	103	100	99	99	100	96
Kara 											106	103	102	102	104
Akina 											106	103	103	103	108
AAC Nicolas 							109	107	108	109	108	105	104	105	103
AAC Kolosse		105	105	108	110		112	111	115	105		99	99	98	98
AAC Noranda		97	95	93	89		108	105	105	101		101	101	99	94
AAC Blake		104	103	100	101										
AAC Banner 				119	108				111	99				92	83
AAC Torrent 				116	114				101	77				95	92
Means (t/ha)	3.69	3.72	4.04	3.53	3.08	3.98	3.94	3.90	3.11	2.58	4.77	4.95	4.88	4.95	4.28
Means (bu/ac)	97	98	106	93	81	105	103	102	82	68	125	130	128	130	112
Locations	15	12	8	5	2	10	8	6	4	2	13	11	9	6	3




Notes:

1. Values differing by less than 3 within a column may not represent true differences in yield. Yield Indices are Heritability Adjusted Relative Values (HARV), which favour results from trial locations with high repeatability. For more information, see: Yan, W. Use of HARV in Variety Trial Summaries.
2. See area map on GoCereals.ca website.
3. Cultivar yield ranking may vary from year to year. Decisions are therefore best made using data with the greatest number of years. Rust races have overcome genetic resistance in the past 10 years, with some varieties being significantly impacted.

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**Table 5a - Ontario Performance Trial; Oat 2018 Cumulative Yield Index<sup>1</sup> Intensive Trials  
Summary for Area II<sup>2</sup>, OCCC, November 2018**

Class <sup>3</sup>	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2018 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
yellow	AAC Kolosse			102 <sup>4</sup>	101	101	99	102	97	100	99
	AAC Torrent 							102	100	100	100
white	OAC Markdale	89	97	93	96	93	96	95	95	102	101
	RC Amaze	87	94	91	95	94	96	93	99	103	100
	AAC Bullet	108	111	103	104	103	104	105	103	100	100
	CDC Orrin 									100	99
	AAC Richmond			104	103	101	101	99	98	100	100
	AAC Oaklin	104	107	104	103	104	104	107	107	100	99
	AAC Noranda			99	95	98	99	100	101	100	101
	AAC Blake			104	106	103	105	102	103	99	99
AAC Banner 							102	103	99	99	
tan	AAC Roskens	97	99	98	98	96	98	99	98	101	101
	AAC Almonte	100	100	100	99	99	100	99	101	100	99
Means (t/ha)		3.99	4.24	3.99	4.04	4.05	4.16	3.84	3.97	3.28	3.57
Means (bu/ac)		104.6	111.4	104.6	106.1	106.4	109.3	100.7	104.3	86.2	93.7
Location-Years		9		7		5		3		1	



<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield. Yield Indices are Heritability Adjusted Relative Values (HARV), which favour results from trial locations with high repeatability. For more information, see: Yan, W. Use of HARV in Variety Trial Summaries.

<sup>2</sup> Area 2: see map of areas on [www.gocereals.ca/variety\\_trial.php](http://www.gocereals.ca/variety_trial.php).

<sup>3</sup> hull colour.

<sup>4</sup> Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of Fungicide treatments included a T1 application of foliar fungicide at Zadoks Growth Stage 30 to 31, followed by a T3 application of fusarium fungicide during flowering.






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**Table 5b - Ontario Performance Trial; Oat 2018 Cumulative Yield Index<sup>1</sup> Intensive Trials  
Summary for Area III<sup>2</sup>, OCCC, November 2018**

Class <sup>3</sup>	Variety	4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2018 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes
yellow	AAC Kolosse			107 <sup>4</sup>	109	108	111	102	102
	AAC Torrent 					102	105	96	100
white	OAC Markdale	94	98	87	97	86	100	98	97
	RC Amaze	81	99	79	100	75	100	102	102
	Dieter 	89	103	86	101	82	97	94	97
	Avatar	84	103	80	99	72	97	102	107
	Vitality					78	97	97	100
	AAC Bullet	106	107	108	110	116	115	99	98
	CDC Orrin 	101	109	100	108	99	106	104	103
	AAC Richmond			97	110	92	108	97	101
	AAC Oaklin	108	107	108	108	118	119	99	97
	AAC Nicolas 			99	107	100	112	102	104
	AAC Noranda			98	108	98	112	96	102
	AAC Banner 					107	107	101	103
tan	AAC Almonte	106	108	103	109	112	114	99	99
Means (t/ha)		3.79	4.27	4.20	4.80	3.57	4.15	3.51	3.62
Means (bu/ac)		99.6	112.1	110.3	125.9	93.6	108.8	92.1	95.1
Location-Years		4		3		2		1	



<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield. Yield Indices are Heritability Adjusted Relative Values (HARV), which favour results from trial locations with high repeatability. For more information, see: Yan, W. Use of HARV in Variety Trial Summaries.

<sup>2</sup> Area 3: see map of areas on [www.gocereals.ca/variety\\_trial.php](http://www.gocereals.ca/variety_trial.php).

<sup>3</sup> hull colour.








<sup>4</sup> Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number Fungicide treatments included a T1 application of foliar fungicide at Zadoks Growth Stage 30 to 31, followed by a T3 application of fusarium fungicide during flowering.

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**Table 5c - Ontario Performance Trial; Oat 2018 Cumulative Yield Index<sup>1</sup> Intensive Trials  
Summary for Area V<sup>2</sup>, OCCC, November 2018**

Class <sup>3</sup>	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2018 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
yellow	AAC Kolosse			101 <sup>4</sup>	102	101	103	100	102	98	102
	AAC Torrent 							92	90	83	84
white	RC Amaze			96	99	95	97	95	98	91	97
	Dieter 	94	94	95	96	95	95	97	97	96	100
	Hidalgo	99	104	97	102	97	102	98	102	100	108
	Vitality	96	100	96	101	96	103	98	104	93	105
	Nice	99	102	100	103	100	104	100	105	100	105
	CDC Orrin 							99	100	98	103
	AAC Richmond			101	102	102	103	101	100	106	111
	AAC Oaklin	100	101	98	100	96	100	99	98	91	92
	Kara 	109	110	105	106	104	106	104	104	99	104
	Akina 	105	106	101	102	101	101	102	98	100	97
	AAC Nicolas 	110	111	105	107	104	107	106	108	104	107
AAC Noranda			99	104	98	104	98	103	96	102	
AAC Banner 							100	99	93	95	
tan	AAC Almonte	94	99	95	101	96	102	97	102	97	109
Means (t/ha)		5.23	5.39	5.43	5.63	5.34	5.58	5.11	5.21	4.33	4.66
Means (bu/ac)		137.3	141.5	142.4	147.8	140.3	146.3	134.2	136.6	113.7	122.3
Location-Years		5		4		3		2		1	



<sup>1</sup> Values differing by less than 3 within a column may not represent true differences in yield. Yield Indices are Heritability Adjusted Relative Values (HARV), which favour results from trial locations with high repeatability. For more information, see: Yan, W. Use of HARV in Variety Trial Summaries.

<sup>2</sup> Area 5: see map of areas on [www.gocereals.ca/variety\\_trial.php](http://www.gocereals.ca/variety_trial.php).

<sup>3</sup> hull colour.




<sup>4</sup> Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years. Fungicide treatments included a T1 application of foliar fungicide at Zadoks Growth Stage 30 to 31, followed by a T3 application of fusarium fungicide during flowering.

**The OCCC is thankful to the Grain Farmers of Ontario, BASF, Bayer and Syngenta for their financial support towards the intensive trials.**

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**Table 6a - Ontario Oat Varietal Characteristics Based on Data from Area 2, 2018**



Cultivar	Class <sup>1</sup>	Test	1000	Heading <sup>3</sup> (days)	Maturity <sup>3</sup> (days)	Height (cm)	Lodging (0-9) <sup>2</sup>	Crown Rust (0-9) <sup>2</sup>	Straw Yield Index
		Weight (kg/hL)	Kernel Weight (g)						
OAC Markdale	white	39.9	36.5	50	82	81	0.5	5.7	90
RC Amaze	white	43.0	34.0	46	80	72	6.0	5.7	75
AAC Bullet	white	41.6	34.7	50	81	71	0.5	5.0	101
AAC Roskens	tan	41.4	32.3	50	80	75	4.0	4.0	87
AAC Almonte	tan	45.7	35.3	54	82	85	4.5	4.3	115
CDC Orrin 	white	39.2	37.3	53	83	70	1.0	4.7	82
AAC Richmond	white	37.3	41.9	58	87	90	0.5	4.0	136
AAC Oaklin	white	42.2	36.4	52	81	75	3.0	5.7	89
AAC Kolosse	yellow	38.4	36.8	54	84	80	0.5	4.0	114
AAC Noranda	white	39.2	35.8	53	84	71	4.0	4.3	102
AAC Blake	white	37.1	36.1	53	81	77	1.5	6.3	126
AAC Banner 	white	38.8	33.9	52	87	72	2.0	2.0	90
AAC Torrent 	yellow	39.2	40.4	55	85	70	1.0	4.3	93
Means		40.2	36.2	52	83	76	2.2	4.6	1.85 t/ha
Locations		2	1	2	1	1	1	1	1

Notes:

1. hull colour






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.



  = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [pbrfacts.ca](http://pbrfacts.ca) to learn more.

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**Table 6b - Ontario Oat Varietal Characteristics Based on Data from Area 3, 2018**








Cultivar	Class <sup>1</sup>	Test	1000	Heading <sup>3</sup> (days)	Maturity <sup>3</sup> (days)	Height (cm)	Lodging (0-9) <sup>2</sup>	Crown	Leaf	Straw Yield Index
		Weight (kg/hL)	Kernel Weight (g)					Rust (0-9) <sup>2</sup>	Septoria (0-9) <sup>2</sup>	
OAC Markdale	white	48.7	30.8	54	87	85	3.0	1.8	1.8	108
RC Amaze	white	48.0	32.0	52	85	79	3.8	0.0	0.0	81
Dieter 	white	51.0	35.7	59	88	84	1.0	5.3	2.8	113
Avatar	white	52.9	29.5	56	85	76	7.5	0.8	0.0	85
Vitality	white	48.8	35.2	55	87	76	2.0	2.5	0.5	106
AAC Bullet	white	48.9	34.3	57	89	69	0.5	3.3	0.5	93
AAC Almonte	tan	52.5	31.8	58	88	78	3.8	1.8	1.8	94
CDC Orrin 	white	48.6	33.2	58	87	80	5.5	5.3	2.0	94
AAC Richmond	white	50.2	35.5	62	90	80	0.0	4.5	2.3	133
AAC Oaklin	white	48.0	33.7	57	88	74	3.0	2.5	1.0	93
AAC Nicolas 	white	48.4	30.8	60	86	72	1.3	3.8	2.5	105
AAC Kolosse	yellow	50.8	32.3	59	88	81	2.0	2.0	1.8	100
AAC Noranda	white	46.5	30.9	58	89	73	3.3	3.8	1.8	90
AAC Banner 	white	51.5	33.4	58	88	72	0.8	0.8	2.8	107
AAC Torrent 	yellow	47.6	32.9	60	89	69	0.0	2.5	3.0	98
Means		49.5	32.8	58	88	77	2.5	2.7	1.6	1.86 t/ha
Locations		2	2	2	1	2	1	1	1	1

Notes:



1. hull colour
  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.
-   = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [pbrfacts.ca](http://pbrfacts.ca) to learn more.

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**Table 6c - Ontario Oat Varietal Characteristics Based on Data from Area 5, 2018**

Cultivar	Class <sup>1</sup>	Test Weight (kg/hL)	1000 Kernel Weight (g)	Heading <sup>3</sup> (days)	Maturity <sup>3</sup> (days)	Height (cm)	Straw Yield Index
RC Amaze	white	42.9	32.1	50	80	83	69
Dieter 	white	44.9	35.3	59	82	99	112
Hidalgo	white	43.9	33.3	54	82	88	80
Vitality	white	42.0	34.1	53	82	92	86
Nice	white	43.6	35.6	54	80	95	87
AAC Almonte	tan	43.7	33.0	55	82	95	86
CDC Orrin 	white	43.3	32.6	55	83	93	90
AAC Richmond	white	43.3	34.3	61	85	101	152
AAC Oaklin	white	43.8	34.2	54	79	88	90
Kara 	white	43.6	34.3	55	82	83	84
Akina 	white	41.9	34.5	54	82	86	76
AAC Nicolas 	white	40.6	32.1	58	82	88	94
AAC Kolosse	yellow	42.9	33.7	56	84	91	136
AAC Noranda	white	40.6	33.7	55	83	89	92
AAC Banner 	white	41.9	33.0	57	84	84	137
AAC Torrent 	yellow	39.3	30.1	60	86	85	131
Means		42.6	33.5	56	82	90	5.08 t/ha
Locations		3	3	3	3	3	2

Notes:



1. hull colour
  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
-   = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [pbrfacts.ca](http://pbrfacts.ca) to learn more.

**Table 7a - Ontario Spring Wheat Distributors 2018**







Class <sup>1</sup>	Variety	Distributor	
hrs	Furano MAJOR	C & M Seeds Synagri	
	Fuzion Wilkin 	Semences Prograin Inc C & M Seeds	
	AAC Scotia (awned)  TOPAZE (awned)	Semican Inc Pedigrain	
	AAC Brandon (awned)  Easton (awned) 	SeCan Association C & M Seeds	
	Dakosta (awned)  Moka	Elite Seeds Semican Inc	
	RGT Presidio Raven (awned) 	Synagri C & M Seeds	
	Ventry DS206HRS	SeCan Association Alliance Agri-Turf/Beatty Seeds/Snobelen Farms	
	AAC Synox (awned) Toundra (awned)	Synagri Semican Inc	
	efs	Hoffman (awned) Bangor (awned)	Elite Seeds Semican Inc
		Dagon (awned) 	Elite Seeds

Notes:

1. hrs = hard red spring, efs = eastern feed spring.



  = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [pbrfacts.ca](http://pbrfacts.ca) to learn more.

**Table 7b - Ontario Barley Distributors 2018**

Class <sup>1</sup>	Variety	Distributor
2r	AC Kings	Bramhill Seeds
	Bornholm	Alliance Agri-Turf/Beatty Seeds/Snobelen Farms
	Conestogo	SeCan Association
	AAC Purpose 	Bramhill Seeds
	Dundee	SeCan Association
	Champion 	Semican Inc
	AAC Bell 	SeCan Association
	AAC Ling 	SeCan Association
6r	AAC Synergy 	Semican Inc
	Newport	Semican Inc
	Cyane	Elite Seeds
	Dignity	SeCan Association
	OCEANIK	Synagri
	OAC Laverne	Bramhill Seeds
	Harmony	Synagri
	Synasolis	Synagri
	Amberly	Rosebank Seed Farms Ltd.
	HY 621-6R	Alliance Agri-Turf/Beatty Seeds/Snobelen Farms
	Alyssa	Elite Seeds
	AAC Mirabel	SeCan Association
	OAC Belwood	SeCan Association
	Boroe	Elite Seeds
	Masky	Synagri
	Chambly	Semences Prograin Inc
AAC Vitality	Advantage Seed Growers	
DS7176RB	Alliance Agri-Turf/Beatty Seeds/Snobelen Farms	
AAC Montrose 	SeCan Association	
Marden	SeCan Association	
Baden	SeCan Association	
DS8126RB	Alliance Agri-Turf/Beatty Seeds/Snobelen Farms	
Sagamie	Pedigrain	
6r hulless	Bastile	Synagri








Notes:



1. 2r = 2 Row, 6r = 6 Row

  = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit pbrfacts.ca to learn more.

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**Table 7c - Ontario Oat Distributors 2018**

Class	Variety	Distributor
hulled	OAC Markdale	Rosebank Seed Farms Ltd.
	RC Amaze	Rosebank Seed Farms Ltd.
	Dieter 	SeCan Association
	Avatar	Pedigrain
	Hidalgo	Synagri
	Vitality	Synagri
	AAC Bullet	SeCan Association
	AAC Roskens	SeCan Association
	Nice	Elite Seeds
	AAC Almonte	Alliance Agri-Turf/Beatty Seeds/Snobelen Farms
	CDC Orrin 	Semican Inc
	AAC Richmond	Semican Inc
	AAC Oaklin	C & M Seeds
	Kara 	Elite Seeds
	Akina 	Elite Seeds
	AAC Nicolas 	SeCan Association
	AAC Kolosse	William Houde Ltd
	AAC Noranda	Semican Inc
	AAC Blake	SeCan Association
	AAC Banner 	SeCan Association
AAC Torrent 	Advantage Seed Growers	

  = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit [pbrfacts.ca](http://pbrfacts.ca) to learn more.

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**Table 7d - Distributor Contact Information**

Distributor	Address
Advantage Seed Growers	P.O. Box 351, Lucknow, ON, N0G 2H0 Tel: 519-440-6406 Fax: 519-812-1010 Website: www.advantageseeds.com
Alliance Agri-Turf	7386 9th Line, RR3 Thornton, Ontario, L0L 2N0 Tel: 1-800-971-4870 Fax: 905-857-8215 Website: www.allianceagri-turf.com
Beatty Seeds Ltd	289 County Road 12, PO Box 358, Bloomfield, Ontario, K0K 1G0 Tel: 1-613-393-2333 Fax: 1-613-393-1038
Bramhill Seeds	5220 Hwy 23, RR#2, Palmerston, ON, N0G 2P0 Tel: 519-343-3630 Fax: 519-343-2037 Website: www.bramhillseeds.com
C&M Seeds	6180 5th Line, Palmerston, ON, N0G 2P0 Tel: 1-888-733-9432 Fax: 519-343-3792 Website: www.redwheat.com
Elite Seeds	Available through your local Agromart Tel: 519-282-6701 Website: www.eliteseeds.ca
Pedigrain	5175 Boul. Laurier Est, St Hyacinthe, QC, J2R 2B4 Tel: 819-347-7502 Fax: 450-799-3229
Rosebank Seed Farms Ltd	7340 Perth Line, Staffa, ON, N0K 1Y0 Tel: 1-519-345-2697
SeCan	400-300 Terry Fox Drive, Kanata, ON, K2K 0E3 Tel: 1-866-797-7874 Fax: 613-592-9497 Website: www.secan.com
Semences Prograin	145 Bas Rivière Nord, St Césaire, QC, J0L 1T0 Tel: 1-800-817-3732 Fax: 450-469-4547 Website: www.semencesprograin.com
Semican Inc	366, Rang 10, Plessisville, QC, G6L 2Y2 Tel: 1-866-362-3385 Fax: 819-362-3385 Website: www.semican.ca
Snobelen Farms Ltd	323 Havelock Street, Lucknow, Ontario, N0G 2H0 Tel: 1-519-528-2092 Fax: 1-519-528-3542 Website: www.snobelengrain.com
Synagri	5175 Boul. Laurier Est, St Hyacinthe, QC, J2R 2B4 Tel: 450-799-3226 Fax: 450-799-3229 Website: www.synagri.ca
William Houde Ltd.	8, 3ieme Rang Ouest, St Simon, QC, J0H 1Y0 Phone: 450-798-2002 Fax: 450-798-2776 Website: www.williamhoude.com