

2018

Ontario Spring Cereal Performance Trials

Data collected 2013-2017

www.gocereals.ca



Conducted by the Ontario Cereal Crop Committee

Current as of Nov 15, 2017

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 2017.

ADDITIONAL INFORMATION

Additional information is available at 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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Table 1. 2017 Spring Wheat Performance Trial Cumulative Yield Index¹ Summary

Cultivar	Class ³	Area II ²					Area III ²					Area V ²				
		5 yr ⁴	4 yr	3 yr	2 yr	2017	5 yr ⁴	4 yr	3 yr	2 yr	2017	5 yr ⁴	4 yr	3 yr	2 yr	2017
Sable	HRS-a	103	103	108	112	109	100	99	99	100	101	107	107	110	110	113
Megantic	HRS-a						97	97	97	94	92	97	95	94	96	101
HY 124-HRS	HRS-a	102	102	100	101	106	95	95	96	96	98					
Touran	HRS-a													101	98	98
Furano	HRS						104	103	101	101	102	102	99	103	105	100
MAJOR	HRS						100	102	100	100	98	97	96	94	92	88
Fuzion	HRS						96	96	95	96	97	98	98	97	97	92
Wilkin	HRS	106	107	111	118	124	101	103	105	104	103	108	110	110	113	119
AAC Scotia 	HRS-a	98	98	94	90	88	110	111	110	108	110	106	105	104	107	110
TOPAZE	HRS-a						98	97	95	101	97					
Easton 	HRS-a	113	111	113	116	130	110	111	112	113	120	107	108	109	113	123
AAC Fairwind 	HRS-a	101	100	99	98	110	109	106	105	109	109	104	105	107	109	108
Dakosta	HRS-a					79					97					105
SS Blomidon	HRS		96	91	85	77		103	100	96	96		98	97	96	94
Moka	HRS							92	94	91	89		98	98	97	100
RGT Presidio	HRS										99					94
Ventry	HRS				108	112				98	100				96	104
DS206HRS	HRS				102	101				92	91					
Toundra	HRS-a										100					96
Pasteur	Other			104	104	106			102	103	100			104	105	101
HY 162-HRF	EFS-a					85					98					
Hoffman	EFS-a	101	99	92	83	92	108	107	106	104	94			103	102	93
Bangor	EFS-a										102					87
Dagon 	EFS-a					78					112					92
Sonika	TRIT-a			102	106	99			99	100	94			91	93	81
Means (t/ha)		4.20	4.25	4.12	3.54	2.98	3.57	3.72	3.93	3.60	3.20	4.24	4.20	4.27	3.96	3.70
Means (bu/ac)		63	63	61	53	44	53	55	58	54	48	63	63	63	59	55
Locations		15	13	9	5	2	15	12	9	6	3	13	10	8	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, TRIT = triticale, Other = does not meet quality standards for CEHRS, -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. Visit pbrfacts.ca to learn more.

Table 1a - Ontario Performance Trial; Spring Wheat 2017 Cumulative Yield Index¹ Intensive Summary for Area II², OCCC, November 2017

Class ³	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 ⁴	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
	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	

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 Area 2: see map of areas on www.gocereals.ca/variety_trial.php.

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

⁴ Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest 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






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Table 1b - Ontario Performance Trial; Spring Wheat 2017 Cumulative Yield Index¹ Intensive Trials Summary for Area III², OCCC, November 2017

Class ³	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)	95 ⁴	103	92	104	93	106	86	109
	Megantic (awned)	92	99	93	102	86	101	74	102
	HY 124-HRS (awned)	87	98	85	97	89	102	86	108
	Furano	99	103	97	102	98	107	90	106
	MAJOR	93	99	92	100	93	103	89	102
	Fuzion	92	98	89	97	93	103	86	102
	Wilkin	88	103	88	104	87	105	82	109
	AAC Scotia (awned) 	107	111	108	113	108	118	107	118
	TOPAZE (awned)	95	104	93	104	92	104	92	108
	Easton (awned) 	100	113	100	114	100	117	104	127
	AAC Fairwind (awned) 	100	112	99	114	101	119	106	130
	Dakosta (awned)							98	123
	SS Blomidon	103	112	99	110	94	108	89	114
	Moka	92	104	93	108	85	103	82	110
	RGT Presidio							88	117
	Ventry					90	98	85	101
	DS206HRS					78	89	72	88
Toundra (awned)							91	103	
other	Pasteur			96	113	96	114	89	114
efs	HY 162-HRF (awned)							86	101
	Hoffman (awned)	105	119	104	123	107	130	95	133
	Bangor (awned)							99	116
	Dagon (awned) 							101	113
trit	Sonika (awned)			96	105	88	100	74	91
Means (t/ha)		4.33	4.80	4.93	5.51	4.11	4.73	3.45	4.33
Means (bu/ac)		64.3	71.4	73.3	82.0	61.1	70.4	51.2	64.4
Location-Years		4		3		2		1	

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 Area 3: see map of areas on www.gocereals.ca/variety_trial.php.

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

⁴ 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 1c - Ontario Performance Trial; Spring Wheat 2017 Cumulative Yield Index¹ Intensive Summary for Area V², OCCC, November 2017

Class ³	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)	104 ⁴	113	105	115	108	121	115	137
	Megantic (awned)	99	100	98	100	105	102	108	102
	Touran (awned)			98	103	97	102	90	98
	Furano	98	97	100	97	105	97	108	92
	MAJOR	95	92	95	91	94	88	93	80
	Fuzion	93	99	92	98	92	99	84	101
	Wilkin	111	110	113	114	119	119	139	135
	AAC Scotia (awned) 	99	104	98	104	100	105	98	111
	Easton (awned) 	112	113	115	118	124	124	149	143
	AAC Fairwind (awned) 	102	113	102	117	104	122	103	138
	Dakosta (awned)							92	100
	SS Blomidon	100	102	99	102	95	98	92	92
	Moka	95	99	93	99	93	97	91	96
	RGT Presidio							92	105
	Ventry					88	94	91	96
	Toundra (awned)							79	86
other	Pasteur			106	110	105	107	97	101
efs	Hoffman (awned)			96	113	91	112	71	107
	Bangor (awned)							70	90
	Dagon (awned) 							79	98
trit	Sonika (awned)			86	92	85	88	71	74
Means (t/ha)		5.16	5.42	5.21	5.54	4.89	5.16	3.87	4.25
Means (bu/ac)		76.8	80.6	77.5	82.4	72.8	76.7	57.6	63.1
Location-Years		4		3		2		1	

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 Area 5: see map of areas on www.gocereals.ca/variety_trial.php.

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

⁴ 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, 2017

Cultivar	Class ¹	Fusarium Data**			Test Weight (kg/hL)	Protein (%)	1000 Kernel			Height (cm)	Heading ⁴ (days)	Mildew (0-9) ³	Stripe Rust (0-9) ³
		Combined Fusarium Rating ²	DON Rating ²	Years			Weight (g)	Lodging (0-9) ³					
Sable	HRS-a	HS	HS	10	73.6	14.8	31.5	0.0	80	51	1.8	0.8	
HY 124-HRS	HRS-a	HS	HS	10	71.8	14.7	37.6	0.4	82	56	0.0	0.5	
Wilkin	HRS	S	S	8	71.1	13.4	34.5	0.0	82	53	0.7	0.5	
AAC Scotia 	HRS-a	MR	MS	8	71.4	13.8	36.9	4.6	109	58	0.3	1.8	
Easton 	HRS-a	MS	MS	6	74.7	13.2	34.9	3.1	89	59	0.3	0.3	
AAC Fairwind 	HRS-a	MS	MS	6	74.5	12.6	40.7	1.8	111	56	1.0	4.8	
Dakosta	HRS-a	--	--	--	75.1	14.4	32.7	1.8	94	54	4.5	3.3	
SS Blomidon	HRS	S	MS	3	68.9	14.4	34.8	1.5	90	59	0.0	0.8	
Ventry	HRS	MS	MS	3	75.3	14.2	37.3	0.3	97	51	0.3	2.8	
DS206HRS	HRS	MS	MS	3	73.7	14.5	33.7	0.5	82	47	0.0	1.7	
Pasteur	Other	S	MS	2	72.0	13.1	34.5	0.4	93	60	0.0	0.3	
HY 162-HRF	EFS-a	HS	HS	9	68.2	13.3	35.5	0.1	85	49	0.8	4.3	
Hoffman	EFS-a	S	HS	5	70.7	12.7	40.6	2.1	110	56	0.5	6.7	
Dagon 	EFS-a	--	--	--	72.7	13.3	29.4	0.5	81	57	3.7	2.3	
Sonika	TRIT-a	MS	MS	2	57.3	11.8	35.1	0.0	104	58	0.0	0.0	
Means					71.4	13.6	35.3	1.2	93	55	0.9	2.1	
Locations					2	2	2	2	2	2	2	2	

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 2017 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 2b - Ontario Spring Wheat Varietal Characteristics Based on Data from Area 3, 2017

Cultivar	Class ¹	Fusarium Data**			1000							Leaf Rust (0-9) ³	Leaf Septoria (0-9) ³	Stripe Rust (0-9) ³	Straw Yield Index
		Combined Fusarium Rating ²	DON Rating ²	Years	Test Weight (kg/hL)	Protein (%)	Kernel Weight (g)	Lodging (0-9) ³	Height (cm)	Heading ⁴ (days)	Mildew (0-9) ³				
Sable	HRS-a	HS	HS	10	71.8	13.0	30.0	0.3	81	53	2.0	3.1	2.9	1.3	78
Megantic	HRS-a	MS	S	10	74.9	13.1	34.9	0.8	107	53	0.8	2.8	1.3	0.1	106
HY 124-HRS	HRS-a	HS	HS	10	70.5	13.2	34.0	1.3	85	56	0.6	1.3	0.0	0.6	89
Furano	HRS	MR	MR	9	74.6	11.6	32.7	1.3	107	61	3.1	0.0	1.3	0.1	84
MAJOR	HRS	MR	MR	9	74.6	11.5	32.9	2.6	108	62	0.1	0	0	0.1	84
Fuzion	HRS	MS	MS	9	71.3	11.8	30.2	4.6	111	57	0.9	3	2.1	0.8	119
Wilkin	HRS	S	S	8	68.9	11.7	27.1	0.0	85	54	0.4	2.5	0.3	0.1	110
AAC Scotia 	HRS-a	MR	MS	8	71.5	11.6	33.0	4.5	114	59	1.3	1.5	2	0.8	75
TOPAZE	HRS-a	MR	MS	6	72.3	12.7	28.1	2.1	106	61	0.5	1.3	1.5	0.3	95
Easton 	HRS-a	MS	MS	6	74.0	11.6	29.2	0.7	88	58	0.1	0.3	0	0.1	105
AAC Fairwind 	HRS-a	MS	MS	6	68.3	10.8	31.9	1.9	107	57	1.8	2.4	3	2.3	111
Dakosta	HRS-a	--	--	--	74.9	12.1	32.5	2.3	103	55	1.4	2.4	2.1	0.9	97
SS Blomidon	HRS	S	MS	3	69.7	11.9	32.3	2.3	97	58	0.4	0.5	1.8	0.4	87
Moka	HRS	MS	MS	3	73.7	11.6	32.7	2.6	101	53	2	3.1	2.3	2.4	98
RGT Presidio	HRS	S	MS	1	68.2	10.9	25.5	1.6	87	61	0.9	0.8	2.4	0.3	102
Ventry	HRS	MS	MS	3	73.5	12.8	32.9	0.5	99	52	0.5	2	0.1	0.1	94
DS206HRS	HRS	MS	MS	3	74.0	13.6	32.9	0.7	78	50	0.3	1.8	0.6	0.3	88
Toundra	HRS-a	--	--	--	75.0	12.0	32.3	1.6	110	55	0.6	2.5	1.4	1.9	118
Pasteur	Other	S	MS	2	71.2	11.3	28.5	1.2	93	61	0.4	0.0	0.0	0.6	89
HY 162-HRF	EFS-a	HS	HS	9	70.5	11.1	35.2	0.0	82	51	1.0	2.1	0.9	1.9	113
Hoffman	EFS-a	S	HS	5	70.5	11.0	33.8	1.6	110	58	0.8	2.0	2.8	3.5	125
Bangor	EFS-a	--	--	--	65.2	10.7	31.1	2.6	106	58	0.6	2.1	1.9	0.5	117
Dagon 	EFS-a	--	--	--	73.3	11.7	28.2	1.4	88	57	1.5	2.0	0.4	1.0	109
Sonika	TRIT-a	MS	MS	2	52.7	10.5	25.3	1.5	102	59	0.0	0.3	0.3	0.0	108
Means					71.3	11.8	31.1	1.7	98	57	0.9	1.6	1.3	0.8	2.73 t/ha
Locations					3	1	3	3	3	2	2	2	2	2	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.
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 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 2c - Ontario Spring Wheat Varietal Characteristics Based on Data from Area 5, 2017

Cultivar	Class ¹	Fusarium Data**			1000								Leaf Rust (0-9) ³	Leaf Septoria (0-9) ³	Stripe Rust (0-9) ³	Maturity ⁴ (days)	Straw Yield Index
		Combined Fusarium Rating ²	DON Rating ²	Years	Test Weight (kg/hL)	Protein (%)	Kernel Weight (g)	Lodging (0-9) ³	Height (cm)	Heading ⁴ (days)	Mildew (0-9) ³						
Sable	HRS-a	HS	HS	10	73.5	14.2	34.3	6.0	83	56	2.5	1.5	3.4	0.8	106	101	
Megantic	HRS-a	MS	S	10	75.4	13.7	38.1	4.0	112	55	1.5	2.5	3.0	0.8	106	87	
Touran	HRS-a	MS	S	10	73.4	14.3	36.4	3.5	107	56	2.0	2.5	5.0	2.3	106	89	
Furano	HRS	MR	MR	9	72.9	13.4	35.1	4.6	108	60	4.5	0.0	3.0	0.8	113	106	
MAJOR	HRS	MR	MR	9	71.7	13.7	33.4	5.4	111	60	0.5	0.0	3.6	0.0	113	132	
Fuzion	HRS	MS	MS	9	70.6	13.7	32.5	5.1	115	56	0.5	3.0	3.6	1.3	106	93	
Wilkin	HRS	S	S	8	72.0	12.5	33.7	6.0	84	57	0.0	0.0	4.1	0.8	110	90	
AAC Scotia	HRS-a	MR	MS	8	71.1	13.1	36.6	5.5	117	57	0.5	6.0	3.5	1.8	106	113	
Easton	HRS-a	MS	MS	6	74.2	12.2	34.1	3.8	89	59	0.0	0.0	2.8	0.5	113	116	
AAC Fairwind	HRS-a	MS	MS	6	72.0	12.2	32.8	3.9	113	56	2.0	3.0	4.6	2.8	106	107	
Dakosta	HRS-a	--	--	--	73.5	14.6	34.3	5.1	109	56	3.0	2.5	4.1	1.8	106	109	
SS Blomidon	HRS	S	MS	3	68.1	14.2	32.9	7.0	95	57	0.0	2.0	4.1	1.3	108	91	
Moka	HRS	MS	MS	3	73.4	13.6	37.3	4.8	106	55	0.0	0.0	5.0	2.3	106	81	
RGT Presidio	HRS	S	MS	1	67.5	12.6	27.2	3.5	87	57	0.5	0.0	4.5	2.0	108	70	
Ventry	HRS	MS	MS	3	72.8	14.4	35.2	4.3	106	55	0.0	4.5	3.3	0.5	106	92	
Toundra	HRS-a	--	--	--	73.2	13.2	33.0	4.3	115	56	2.5	3.5	4.0	2.8	106	122	
Pasteur	Other	S	MS	2	72.1	13.2	31.7	4.5	92	56	0.5	2.0	2.9	0.3	106	107	
Hoffman	EFS-a	S	HS	5	69.1	12.3	34.2	3.3	112	57	0.5	3.5	4.9	4.0	108	84	
Bangor	EFS-a	--	--	--	68.0	12.5	32.7	4.8	115	57	0.0	2.0	4.6	2.3	108	101	
Dagon	EFS-a	--	--	--	71.3	12.2	28.1	3.8	90	57	2.0	7.0	3.8	2.5	108	100	
Sonika	TRIT-a	MS	MS	2	57.7	12.8	33.1	1.3	98	57	0.0	2.0	2.9	0.5	106	109	
Means					71.1	13.2	33.6	4.5	103	57	1.1	2.3	3.8	1.5	108	6.35 t/ha	
Locations					3	1	3	2	3	3	1	1	2	1	1	3	

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 2017 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.


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

Table 3. 2017 Spring Barley Performance Trial Cumulative Yield Index¹ Summary

Cultivar	Area II ²					Area III ²					Area V ²				
	5 yr ³	4 yr	3 yr	2 yr	2017	5 yr ³	4 yr	3 yr	2 yr	2017	5 yr ³	4 yr	3 yr	2 yr	2017
2 Rowed															
AC Kings	96	98	98	95	93										
Bornholm	100	99	101	96	92	96	95	99	98	101					
Conestogo	98	97	98	96	92	96	92	95	95	100					
AAC Purpose		96	96	94	92		94	94	95	91	98	99	101	105	
Dundee				94	90				102	106				95	96
Champion				99	85				100	98				102	99
6 Rowed															
Cyane	105	105	103	102	111	107	106	105	102	104					
Dignity	104	102	101	102	105	103	104	106	107	113					
OCEANIK						101	106	108	105	103	107	109	109	109	105
OAC Laverne	103	102	103	102	104	101	100	102	102	99				98	93
Harmony						107	103	99	97	92	95	95	93	90	95
Synasolis											108	106	106	108	108
Amberly	102	104	105	106	114	103	105	104	107	106					
Alliance	103	101	99	100	102	103	103	102	102	105	96	95	95	94	94
HY 621-6R	107	103	99	103	112	102	98	97	98	106					
Alyssa													92	90	85
AAC Mirabel						98	96	94	93	87	101	99	96	95	94
OAC Belwood	100	99	99	96	92	101	101	104	103	105					
Boroe												109	108	109	110
Masky						100	105	105	102	102	105	106	106	105	108
Chambly						108	104	106	106	115	102	100	102	102	106
AAC Vitality		102	102	106	107		105	101	104	105		101	100	101	105
DS7176RB		100	99	98	95		104	104	99	102					
AAC Montrose													105	104	103
Baden				103	104				111	116				110	107
6 Rowed Hulless															
AAC Azimuth								82	80	74					
Bastile										57			78	75	83
Means (t/ha)	4.36	4.54	4.23	4.60	3.97	4.52	4.99	5.07	4.15	3.90	4.68	4.92	5.12	4.87	5.18
Means (bu/ac)	81	84	79	86	74	84	93	94	77	73	87	91	95	91	96
Locations	17	13	9	5	2	11	8	6	4	2	13	10	8	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

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Table 4a - Ontario Spring Barley Varietal Characteristics Based on Data from Area 2, 2017

Cultivar	Class ¹	Test Weight (kg/hL)	1000 Kernel Weight (g)	Height (cm)	Lodging (0-9) ²	Heading ³ (days)
AC Kings	2R	63.5	46.8	86	0.6	53
Bornholm	2R	65.2	42.2	85	0.9	52
Conestogo	2R	62.8	43.7	86	0.4	50
AAC Purpose	2R	60.9	56.3	87	0.4	53
Dundee	2R	63.7	46.9	89	1.8	53
Champion	2R	61.7	45.1	88	0.4	53
Cyane	6R	59.3	46.8	89	0.4	55
Dignity	6R	59.7	39.4	92	0.1	51
OAC Laverne	6R	60.8	38.9	90	0.0	51
Amberly	6R	60.7	45.3	93	0.9	56
Alliance	6R	60.7	39.8	89	0.0	52
HY 621-6R	6R	60.1	44.8	88	0.0	50
OAC Belwood	6R	60.5	43.4	86	0.0	47
AAC Vitality	6R	56.8	41.0	92	1.6	55
DS7176RB	6R	54.3	41.8	86	0.0	53
Baden	6R	59.6	35.8	77	0.0	51
Means		60.6	43.6	88	0.5	52
Locations		2	2	2	2	2

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 4b - Ontario Spring Barley Varietal Characteristics Based on Data from Area 3, 2017

Cultivar	Class ¹	1000		Height (cm)	Lodging (0-9) ²	Stem Break (0-9) ²	Heading ³ (days)	Maturity ³ (days)	Net Blotch (0-9) ²	Spot Blotch (0-9) ²	Straw Yield Index
		Test Weight (kg/hL)	Kernel Weight (g)								
Bornholm	2R	64.8	40.0	76	2.0	0.0	59	77	7.8	0.0	114
Conestogo	2R	62.8	39.1	82	2.5	0.0	59	77	7.3	1.0	110
AAC Purpose	2R	57.8	42.5	89	7.0	0.0	56	78	7.5	2.3	140
Dundee	2R	63.0	39.8	85	7.0	0.0	55	80	6.5	2.5	104
Champion	2R	60.6	38.6	75	3.0	0.0	57	79	6.8	1.0	78
Cyane	6R	57.9	39.2	96	2.0	0.0	56	81	6.5	0.0	123
Dignity	6R	59.0	35.9	87	0.0	0.0	52	79	6.0	3.3	106
OCEANIK	6R	57.0	35.8	86	1.0	0.0	55	79	6.8	1.3	88
OAC Laverne	6R	60.0	34.8	84	1.0	0.0	53	79	6.0	1.0	74
Harmony	6R	57.8	36.3	103	3.0	0.0	55	82	6.8	0.0	111
Amberly	6R	59.7	41.6	98	3.0	5.0	54	83	6.8	1.0	98
Alliance	6R	58.6	36.1	83	4.0	0.0	54	81	6.0	2.3	100
HY 621-6R	6R	57.3	39.0	83	6.0	0.0	53	79	6.8	1.3	87
AAC Mirabel	6R	51.9	34.2	84	0.0	3.0	53	78	8.3	0.0	94
OAC Belwood	6R	60.0	39.3	76	5.0	0.0	47	78	7.0	1.0	82
Masky	6R	58.2	34.9	83	1.0	0.0	56	79	6.5	1.0	104
Chambly	6R	57.7	38.8	83	1.5	0.0	55	82	7.0	1.8	109
AAC Vitality	6R	54.5	36.4	96	6.0	0.0	55	79	7.8	4.8	105
DS7176RB	6R	54.5	40.7	85	1.0	0.0	55	86	5.0	0.8	106
Baden	6R	59.2	32.5	72	0.0	0.0	54	78	7.5	1.3	96
AAC Azimuth	6R hulless	66.5	33.8	87	4.0	0.0	54	80	6.8	0.0	78
Bastile	6R hulless	63.9	29.1	79	1.0	0.0	60	78	6.5	1.8	93
Means		59.2	37.2	85	3.2	4.0	55	80	6.8	1.3	3.35 t/ha
Locations		2	2	2	1	1	1	1	1	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.

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Table 4c - Ontario Spring Barley Varietal Characteristics Based on Data from Area 5, 2017

Cultivar	Class ¹	Test	1000	Height (cm)	Lodging (0-9) ²	Heading ³ (days)	Maturity ³ (days)	Leaf Rust (0-9) ²	Spot Blotch (0-9) ²	Straw Yield Index
		Weight (kg/hL)	Kernel Weight (g)							
AAC Purpose	2R	61.5	50.4	96	4.6	59	102	0.3	3.0	119
Dundee	2R	63.6	44.4	84	4.4	59	102	0.0	2.5	112
Champion	2R	62.6	42.6	83	3.7	59	100	0.0	2.8	96
OCEANIK	6R	60.3	42.2	94	3.7	59	102	0.0	3.5	95
OAC Laverne	6R	61.9	40.8	94	4.4	55	99	0.3	3.3	89
Harmony	6R	60.2	44.4	103	3.7	58	102	0.0	2.8	131
Synasolis	6R	60.9	41.3	91	4.7	61	103	0.3	3.0	102
Alliance	6R	59.9	38.9	89	3.7	58	100	0.0	4.0	83
Alyssa	6R	60.3	42.8	94	4.3	59	102	0.0	2.8	88
AAC Mirabel	6R	57.6	40.2	91	4.3	59	100	0.0	4.3	91
Boroe	6R	61.4	44.6	95	4.1	58	102	0.3	4.0	111
Masky	6R	62.8	42.0	91	3.7	59	100	0.0	3.3	90
Chambly	6R	60.1	43.9	88	3.9	59	102	0.0	3.3	109
AAC Vitality	6R	58.0	39.9	94	4.6	59	102	0.0	4.8	101
AAC Montrose	6R	59.0	42.6	98	4.0	56	101	0.3	4.5	110
Baden	6R	60.7	37.6	75	3.7	57	101	0.0	2.8	84
Bastile	6R hulless	69.9	37.3	92	4.0	61	103	0.3	3.0	90
Means		61.2	42.1	91	4.1	58	101	0.1	3.4	5.29 t/ha
Locations		3	3	3	3	2	2	1	1	3

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 5. 2017 Oat Performance Trial Cumulative Yield Index¹ Summary

Cultivar	Area II ²					Area III ²					Area V ²				
	5 yr ³	4 yr	3 yr	2 yr	2017	5 yr ³	4 yr	3 yr	2 yr	2017	5 yr ³	4 yr	3 yr	2 yr	2017
Hulled															
OAC Markdale	88	87	88	83	80	95	94	89	89	84			96	95	97
Canmore										78	100	100	101	101	98
RC Amaze	86	85	87	85	76	90	86	83	79	63			100	98	99
Synextra										71	94	95	95	95	94
Dieter						92	93	90	90	82	99	98	97	99	100
Avatar						91	92	89	86	69					
Oscar					86					82	100	101	99	98	98
Hidalgo											99	99	99	99	99
Vitality										73	101	99	100	101	102
AAC Bullet	116	116	108	107	109	114	112	115	116	136	101	101	101	100	101
AAC Roskens	102	100	99	98	105	109	106	104	102	117					
Nice											104	102	102	103	100
AAC Almonte	108	109	105	100	103	109	109	107	111	127	98	98	96	98	100
Bolina											104	105	105	102	99
CDC Orrin						102	103	102	104	99					98
AAC Richmond			105	106	106			106	105	101			101	103	103
AAC Oaklin	110	110	106	105	115	114	110	112	112	131	102	101	101	101	104
Kara												106	103	101	101
Akina												106	102	101	99
AAC Nicolas								109	106	107		109	106	105	106
AAC Kolosse			104	104	106			114	114	125			100	99	99
AAC Noranda			99	97	96			110	106	109			104	104	105
AAC Blake			105	103	100			112	113	120			101	101	100
Kyron														101	98
Pomona														101	101
ADELE					76					80					100
Means (t/ha)	3.71	3.77	3.82	4.30	3.81	4.13	4.21	4.23	4.35	3.49	4.61	4.88	5.13	5.11	5.43
Means (bu/ac)	98	99	100	113	100	108	111	111	114	92	121	128	135	134	143
Locations	16	13	10	6	3	10	8	6	4	2	13	10	8	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 7 years, with some varieties being significantly impacted.

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**Table 5a - Ontario Performance Trial; Oat 2017 Cumulative Yield Index¹ Intensive Trials
Summary for Area II², OCCC, November 2017**

Class ³	Variety	4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2017 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes
yellow	AAC Kolosse			103 ⁴	101	101	99	103	96
white	OAC Markdale	88	96	92	95	90	94	92	92
	RC Amaze	85	93	89	94	91	95	89	99
	Oscar							95	100
	AAC Bullet	108	112	104	104	103	104	107	105
	AAC Richmond			105	104	101	101	99	98
	AAC Oaklin	105	108	105	104	105	105	110	111
	AAC Noranda			99	94	98	99	100	101
	AAC Blake			104	107	103	106	103	105
	ADELE							93	98
tan	AAC Roskens	97	98	98	97	95	97	98	97
	AAC Almonte	100	101	100	99	98	100	98	102
Means (t/ha)		4.06	4.31	4.08	4.10	4.22	4.29	4.10	4.16
Means (bu/ac)		106.5	113.2	107.0	107.7	110.6	112.5	107.5	109.3
Location-Years		8		6		4		2	

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 Area 2: see map of areas on www.gocereals.ca/variety_trial.php.

³ hull colour.

⁴ 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.

**Table 5b - Ontario Performance Trial; Oat 2017 Cumulative Yield Index¹ Intensive Trials
Summary for Area III², OCCC, November 2017**

Class ³	Variety	3-Year Index Fungicides		2-Year Index Fungicides		2017 Index Fungicides	
		No	Yes	No	Yes	No	Yes
yellow	AAC Kolosse			110 ⁴	113	115	120
white	OAC Markdale	92	98	82	97	75	102
	Canmore					61	108
	RC Amaze	73	98	67	99	47	97
	Synextra					48	84
	Dieter	87	105	81	103	70	97
	Avatar	78	102	68	95	41	86
	Oscar					73	112
	Vitality					59	94
	AAC Bullet	108	110	113	116	134	131
	CDC Orrin	100	112	98	111	94	110
	AAC Richmond			97	115	86	116
	AAC Oaklin	111	111	113	114	138	141
	AAC Nicolas			98	108	98	119
	AAC Noranda			99	111	100	121
	AAC Blake			110	118	121	132
	ADELE					62	93
tan	AAC Roskens	102	109	96	108	109	109
	AAC Almonte	108	112	105	114	125	128
Means (t/ha)		3.86	4.41	4.44	5.20	3.61	4.52
Means (bu/ac)		101.2	115.8	116.5	136.4	94.8	118.6
Location-Years		3		2		1	

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 Area 3: see map of areas on www.gocereals.ca/variety_trial.php.

³ hull colour.

⁴ 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 5c - Ontario Performance Trial; Oat 2017 Cumulative Yield Index¹ Intensive Trials
Summary for Area V², OCCC, November 2017**

Class ³	Variety	4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2017 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes
yellow	AAC Kolosse			103 ⁴	102	102	104	102	102
white	OAC Markdale			97	96	95	95	97	93
	Canmore	98	103	96	102	96	103	93	97
	RC Amaze			98	100	97	98	98	99
	Synextra	91	94	94	96	94	97	93	95
	Dieter	93	92	95	95	94	93	98	93
	Oscar	97	101	97	100	95	99	95	101
	Hidalgo	99	103	96	100	96	99	97	96
	Vitality	97	99	97	100	97	102	102	104
	AAC Bullet	103	102	100	101	99	100	101	98
	Nice	98	101	100	103	100	103	100	104
	Bolina	108	108	103	106	100	105	100	102
	CDC Orrin							101	97
	AAC Richmond			99	99	101	99	97	88
	AAC Oaklin	103	104	100	102	99	103	106	104
	Kara	112	112	106	107	107	107	109	104
	Akina	106	108	102	104	101	103	104	100
	AAC Nicolas	112	112	105	108	104	107	108	109
	AAC Noranda			100	105	98	105	100	103
	AAC Blake			101	104	101	103	101	100
	Kyron					103	105	102	100
	Pomona					103	106	102	103
	ADELE							97	101
tan	AAC Almonte	94	97	94	98	95	99	97	95
Means (t/ha)		5.40	5.53	5.70	5.87	5.72	5.92	5.69	5.60
Means (bu/ac)		#	#	#	#	#	#	#	#
Location-Years		4		3		2		1	

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 Area 5: see map of areas on www.gocereals.ca/variety_trial.php.

³ hull colour.

⁴ 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, 2017

Cultivar	Class¹	Test Weight (kg/hL)	1000 Kernel Weight (g)	Heading³ (days)	Height (cm)	Lodging (0-9)²	Crown Rust (0-9)²	Leaf Septoria (0-9)²
OAC Markdale	white	39.5	32.7	54	119	2.3	5.0	3.0
RC Amaze	white	34.5	33.5	50	101	1.0	5.9	3.5
Oscar	white	40.1	32.5	52	106	3.4	4.6	3.5
AAC Bullet	white	43.6	41.8	56	112	2.3	2.4	2.0
AAC Roskens	tan	42.3	32.7	55	109	1.2	3.1	2.5
AAC Almonte	tan	47.4	35.9	59	121	2.8	2.0	3.0
AAC Richmond	white	39.0	37.5	63	125	2.5	2.0	2.5
AAC Oaklin	white	43.0	39.0	56	118	1.6	2.1	2.0
AAC Kolosse	yellow	40.9	36.9	59	117	0.3	2.0	3.0
AAC Noranda	white	38.6	37.4	58	112	1.5	3.5	3.0
AAC Blake	white	38.5	36.4	58	120	3.5	3.0	2.5
ADELE	white	36.4	35.9	57	115	3.5	4.9	3.5
Means		40.3	36.0	56	115	2.2	3.4	2.8
Locations		3	2	3	3	2	2	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.

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Table 6b - Ontario Oat Varietal Characteristics Based on Data from Area 3, 2017

Cultivar	Class ¹	Test	1000	Heading ³ (days)	Height (cm)	Lodging (0-9) ²	Crown	Barley Yellow	Stem	Straw Yield Index
		Weight (kg/hL)	Kernel Weight (g)				Rust (0-9) ²	Dwarf Virus (0-9) ²	Break (0-9) ²	
OAC Markdale	white	44.8	28.3	63	103	9.0	7.8	1.0	0.0	82
Canmore	white	42.7	30.8	67	113	9.0	8.0	2.3	9.0	77
RC Amaze	white	40.3	25.9	60	87	8.7	8.0	1.0	9.0	39
Synextra	white	44.6	26.6	67	114	9.0	8.0	2.5	8.0	83
Dieter	white	43.6	28.9	67	105	9.0	8.0	1.3	9.0	85
Avatar	white	44.5	26.9	65	104	9.0	8.0	1.0	9.0	59
Oscar	white	44.4	27.7	62	93	9.0	8.0	1.3	9.0	65
Vitality	white	41.7	28.2	64	108	9.0	8.0	1.5	9.0	76
AAC Bullet	white	50.8	34.9	63	97	7.5	4.0	1.3	0.0	146
AAC Roskens	tan	49.9	31.5	62	97	9.0	6.8	1.3	0.0	95
AAC Almonte	tan	54.2	35.4	67	107	9.0	1.8	1.0	0.0	139
CDC Orrin	white	46.5	30.1	67	108	0.0	8.0	2.0	8.5	83
AAC Richmond	white	49.5	33.3	72	119	9.0	6.5	1.8	8.0	160
AAC Oaklin	white	51.4	34.0	64	99	8.7	1.3	1.5	7.0	139
AAC Nicolas	white	47.0	29.1	70	108	8.5	7.0	1.5	0.0	101
AAC Kolosse	yellow	50.4	35.2	67	107	7.3	4.0	1.3	0.0	137
AAC Noranda	white	47.4	32.7	68	106	9.0	6.3	1.0	9.0	114
AAC Blake	white	48.9	32.7	68	111	9.0	6.8	1.0	0.0	133
ADELE	white	44.6	29.7	65	109	8.8	8.0	1.3	0.0	88
Means		46.7	30.6	66	105	8.7	6.5	1.4	8.6	1.60 t/ha
Locations		2	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.

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Table 6c - Ontario Oat Varietal Characteristics Based on Data from Area 5, 2017





Cultivar	Class ¹	1000										Straw Yield Index
		Test Weight (kg/hL)	Kernel Weight (g)	Heading ³ (days)	Maturity ³ (days)	Height (cm)	Lodging (0-9) ²	Crown Rust (0-9) ²	Barley Yellow Dwarf Virus (0-9) ²	Leaf Septoria (0-9) ²	Stem Break (0-9) ²	
OAC Markdale	white	44.4	32.9	56	102	117	4.7	5.5	2.5	4.4	6.8	105
Canmore	white	47.1	35.9	59	102	125	4.0	5.8	2.6	4.4	7.0	100
RC Amaze	white	45.2	33.0	53	97	98	3.8	5.5	2.8	4.3	6.5	74
Synextra	white	47.2	33.7	58	101	129	4.6	6.5	2.8	5.1	7.5	110
Dieter	white	44.5	34.9	60	105	127	5.1	5.3	2.5	4.3	7.0	123
Oscar	white	45.5	33.4	54	98	104	4.7	5.3	2.5	4.4	6.8	87
Hidalgo	white	43.7	30.8	58	101	108	4.0	5.8	2.4	5.0	8.0	81
Vitality	white	43.8	35.0	57	103	119	4.6	5.3	2.1	4.1	8.0	90
AAC Bullet	white	45.4	34.5	57	102	109	4.6	3.3	1.9	4.0	7.5	98
Nice	white	43.9	34.4	58	102	122	4.4	5.3	2.3	4.3	7.5	91
AAC Almonte	tan	46.6	33.5	59	103	121	4.8	3.3	2.4	4.8	8.0	101
Bolina	white	44.4	29.9	58	102	106	5.2	5.8	2.4	4.6	7.3	101
CDC Orrin	white	44.0	33.4	58	104	118	4.0	4.5	2.8	4.1	8.0	89
AAC Richmond	white	45.2	34.8	62	109	131	4.6	4.3	2.0	3.9	6.0	136
AAC Oaklin	white	46.2	34.6	59	102	113	4.3	3.8	2.1	4.0	6.3	84
Kara	white	43.7	33.1	58	103	107	4.2	2.3	2.3	3.9	0.0	84
Akina	white	41.8	32.8	57	101	107	3.8	3.8	2.5	3.8	4.0	87
AAC Nicolas	white	43.1	32.2	59	103	117	4.0	4.8	2.4	5.1	4.0	108
AAC Kolosse	yellow	43.8	33.1	59	105	118	4.3	3.8	2.4	3.5	5.5	130
AAC Noranda	white	42.4	34.2	58	104	112	4.1	5.8	2.3	5.1	6.3	96
AAC Blake	white	42.5	33.0	59	104	117	4.3	5.0	2.5	5.0	5.5	119
Kyron	white	42.2	31.9	58	103	112	4.2	3.3	2.5	3.9	3.5	107
Pomona	white	47.6	33.8	58	106	116	4.9	4.5	2.1	4.5	6.0	111
ADELE	white	43.5	33.3	57	100	122	4.2	6.3	2.9	4.8	7.3	87
Means		44.5	33.4	58	102	116	4.4	4.8	2.4	4.4	6.5	6.18 t/ha
Locations		3	3	3	2	3	3	1	2	2	1	3

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.


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Table 7a - Ontario Spring Wheat Distributors 2017

Class ¹	Variety	Distributor
hrs	Sable (awned)	C & M Seeds
	Megantic (awned)	Synagri
	HY 124-HRS (awned)	Alliance Agri-Turf/Beatty Seeds/Snobelen Farms
	Touran (awned)	Elite Seeds
	Furano	C & M Seeds
	MAJOR	Synagri
	Fuzion	Semences Prograin Inc
	Wilkin	C & M Seeds
	AAC Scotia (awned) 	Semican Inc
	TOPAZE (awned)	Pedigrain
	Easton (awned) 	C & M Seeds
	AAC Fairwind (awned) 	C & M Seeds
	Dakosta (awned)	Elite Seeds
	SS Blomidon	Elite Seeds
	Moka	Semican Inc
	RGT Presidio	Synagri
	Ventry	SeCan Association
DS206HRS	Alliance Agri-Turf/Beatty Seeds/Snobelen Farms	
Toundra (awned)	Semican Inc	
other	Pasteur	SeCan Association
efs	HY 162-HRF (awned)	Alliance Agri-Turf/Beatty Seeds/Snobelen Farms
	Hoffman (awned)	Elite Seeds
	Bangor (awned)	Semican Inc
	Dagon (awned) 	Elite Seeds
trit	Sonika (awned)	Elite Seeds

Notes:

1. hrs = hard red spring, efs = eastern feed spring, trit=triticale, other = does not meet quality standards for CEHRS.

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

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Table 7b - Ontario Barley Distributors 2017

Class¹	Variety	Distributor
2r	AC Kings	Bramhill Seeds
	Bornholm	Alliance Agri-Turf/Beatty Seeds/Snobelen Farms
	Conestogo	SeCan Association
	AAC Purpose	Bramhill Seeds
6r	Dundee	SeCan Association
	Champion	Semican Inc
	Cyane	Elite Seeds
	Dignity	SeCan Association
	OCEANIK	Synagri
	OAC Laverne	Bramhill Seeds
	Harmony	Synagri
	Synasolis	Synagri
	Amberly	Rosebank Seed Farms Ltd.
	Alliance	Advantage Seed Growers
	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	
Baden	SeCan Association	
6r hullless	AAC Azimuth	Pedigrain
	Bastile	Synagri

Notes:

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

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Table 7c - Ontario Oat Distributors 2017

Class	Variety	Distributor
hulled	OAC Markdale	Rosebank Seed Farms Ltd.
	Canmore	Semican Inc
	RC Amaze	Rosebank Seed Farms Ltd.
	Synextra	Synagri
	Dieter	SeCan Association
	Avatar	Pedigrain
	Oscar	Advantage Seed Growers
	Hidalgo	Synagri
	Vitality	Synagri
	AAC Bullet	SeCan Association
	AAC Roskens	SeCan Association
	Nice	Elite Seeds
	AAC Almonte	Advantage Seed Growers
	Bolina	Elite Seeds
	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	
Kyron	Elite Seeds	
Pomona	Elite Seeds	
ADELE	William Houde Ltd	

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