2020

Ontario Spring Cereal Performance Trials

Data collected 2015-2019

www.gocereals.ca

Conducted by the Ontario Cereal Crop Committee

Current as of November 1, 2019

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, including

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

For more information contact:

Ellen Sparry
Trial Coordinator
C&M Seeds
519-343-2126
esparry@redwheat.com

Joanna Follings
Cereals Specialist, OMAFRA
63 Lorne Avenue East-Suite 2B, Stratford, ON N5A 6S4
joanna.follings@ontario.ca
Office: 519-271-8180
Cell: 519-400-7124

Ontario Spring Cereal Performance Trials

Conducted by the Ontario Cereal Crop Committee ♦ www.gocereals.ca

Table 1. 2019 Spring Wheat Performance Trial Cumulative Yield Index[1] Summary

		Area 2[2]					Area 3[2]					Area 5[2]				
Cultivar	**Class[3]**	**5 yr[4]**	**4 yr**	**3 yr**	**2 yr**	**2019**	**5 yr[4]**	**4 yr**	**3 yr**	**2 yr**	**2019**	**5 yr[4]**	**4 yr**	**3 yr**	**2 yr**	**2019**
Furano	HRS						101	100	100	100	98	102	103	100	100	101
MAJOR	HRS						100	101	100	101	102	98	97	98	103	108
Fuzion	HRS						95	95	95	94	95	99	99	98	101	99
Wilkin	HRS	110	115	115	110	112	104	104	103	103	102	103	103	101	92	91
AAC Scotia	HRS-a	95	93	94	97	97	106	105	104	101	98	106	108	110	110	108
AAC Brandon	HRS-a														93	89
Easton	HRS-a	110	111	113	105	103	106	106	105	98	94	102	103	103	93	93
RGT Presidio	HRS													105	111	117
Raven	HRS-a		118	121	113	114		110	110	109	113		109	108	106	108
Ventry	HRS-a		108	109	107	107		101	102	103	103					
AAC Synox	HRS-a									98	96				91	86
Toundra	HRS-a				90	89			97	96	94			92	90	90
Hoffman	EFS-a	98	96	106	113	115	106	104	101	105	102	112	113	113	123	127
Bangor	EFS-a				89	81			99	98	96			98	104	104
Dagon	EFS-a			94	101	99			108	107	108			97	100	101
Means (t/ha)		4.26	3.96	3.98	4.71	4.94	3.84	3.62	3.45	3.65	4.37	4.17	3.97	3.88	3.99	4.34
Means (bu/ac)		63	59	59	70	73	57	54	51	54	65	62	59	58	59	65
Locations		13	9	6	4	3	15	12	9	6	3	14	12	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 2019 Cumulative Yield Index[1] Intensive Trials Summary for Area 2[2], OCCC, November 2019

Class[3]	Variety	4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2019 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes
hrs	Wilkin	105[4]	116	107	120	109	124	107	113
	AAC Scotia (awned)	89	96	88	96	85	93	91	97
	Easton (awned)	107	117	107	119	111	130	105	115
	Raven (awned)			115	121	121	129	117	119
	Ventry (awned)			99	105	100	108	100	103
efs	Toundra (awned)							78	89
	Bangor (awned)							81	101
	Dagon (awned)					86	103	102	109
Means (t/ha)		4.01	4.38	3.83	4.27	3.66	4.23	4.71	5.12
Means (bu/ac)		60	65	57	64	54	63	70	76
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.

[4] 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 intensive trials.

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Table 1b - Ontario Performance Trial; Spring Wheat 2019 Cumulative Yield Index[1] Intensive Trials
Summary for Area 3[2], OCCC, November 2019

Class[3]	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2019 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
hrs	Furano	99[4]	103	100	106	99	105	103	105	104	104
	MAJOR	94	101	95	103	94	103	97	103	105	106
	Fuzion	89	97	91	99	89	98	90	95	92	97
	Wilkin	94	104	94	104	95	106	102	104	97	101
	AAC Scotia (awned)	104	109	104	110	102	108	100	103	101	104
	Easton (awned)	98	111	98	112	99	114	97	107	95	101
	Raven (awned)			106	113	107	114	107	111	108	108
	Ventry (awned)			92	99	91	100	94	100	87	92
	AAC Synox (awned)							99	102	100	101
	Toundra (awned)					93	98	94	95	92	94
efs	Hoffman (awned)	108	120	111	123	108	122	114	116	113	121
	Bangor (awned)					97	107	96	102	97	103
	Dagon (awned)					100	108	99	105	102	106
Means (t/ha)		5.06	5.55	4.62	5.09	4.54	5.06	5.37	5.62	6.04	6.23
Means (bu/ac)		75	83	69	76	68	75	80	84	90	93
Location-Years		5		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.

[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 2019 Cumulative Yield Index[1] Intensive Trials
Summary for Area 5[2], OCCC, November 2019

Class[3]	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2019 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
hrs	Furano	101[4]	100	104	100	104	99	102	103	105	103
	MAJOR	100	95	100	95	102	94	106	101	111	101
	Fuzion	97	101	98	102	98	104	105	105	104	103
	Wilkin	104	105	104	105	106	105	90	90	94	93
	AAC Scotia (awned)	105	108	108	109	109	113	115	113	112	106
	AAC Brandon (awned)							100	102	100	94
	Easton (awned)	106	107	108	107	111	107	92	89	100	91
	RGT Presidio					107	110	114	113	114	112
	Raven (awned)			110	108	111	106	107	106	112	105
	AAC Synox (awned)							87	86	84	79
	Toundra (awned)					82	83	84	82	87	80
efs	Hoffman (awned)	111	120	112	121	112	122	132	130	146	124
	Bangor (awned)					91	97	102	101	103	99
	Dagon (awned)					94	100	102	102	105	101
Means (t/ha)		4.67	4.87	4.31	4.44	3.65	3.77	3.51	3.45	4.15	3.90
Means (bu/ac)		69	72	64	66	54	56	52	51	62	58
Location-Years		5		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.

[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 2a - Ontario Spring Wheat Varietal Characteristics Based on Data from Area 2, 2019

Cultivar	Class[1]	** Fusarium Data: Combined Fusarium Rating[2]	** Fusarium Data: DON Rating[2]	** Fusarium Data: Years	Test Weight (kg/hL)	Protein (%)	1000 Kernel Weight (g)	Lodging (0-9)[3]	Height (cm)	Heading[4] (days)	Mildew (0-9)[3]	Leaf Rust (0-9)[3]	Leaf Septoria (0-9)[3]	Maturity[4] (days)	Straw Yield Index
Wilkin	HRS	S	MS	6	77.2	14.6	35.8	0.3	88	51	0.1	0.2	3.4	87	98
AAC Scotia	HRS-a	MR	MR	6	77.1	14.7	40.8	3.6	105	55	0.2	0.8	3.6	85	91
Easton	HRS-a	MS	MS	6	76.3	13.7	34.7	1.4	84	56	2.4	0.0	3.0	88	108
Raven	HRS-a	MS	MS	5	77.8	13.9	40.2	2.5	99	54	0.3	0.0	2.9	88	124
Ventry	HRS-a	MS	MS	5	79.6	15.3	44.2	2.3	104	49	0.4	0.2	3.9	85	80
Toundra	HRS-a	MS	MR	2	80.5	16.1	37.7	2.0	111	51	3.7	0.8	4.8	84	111
Hoffman	EFS-a	S	HS	6	77.0	13.9	44.6	2.3	108	54	0.3	0.3	3.8	87	115
Bangor	EFS-a	MR	MS	2	74.8	13.8	36.0	2.4	106	55	0.2	4.9	5.3	88	79
Dagon	EFS-a	MS	S	2	77.4	13.4	34.8	0.8	88	56	4.5	0.2	3.9	88	94
Means					77.5	14.4	38.7	2.0	99	53	1.3	0.8	3.8	87	5.53 t/ha
Locations					3	2	3	3	3	3	3	2	3	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)

** These columns will be updated when the 2019 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, 2019

Cultivar	Class[1]	** Fusarium Data: Combined Fusarium Rating[2]	** Fusarium Data: DON Rating[2]	Years	Test Weight (kg/hL)	Protein (%)	1000 Kernel Weight (g)	Lodging (0-9)[3]	Height (cm)	Heading[4] (days)	Leaf Rust (0-9)[3]	Leaf Septoria (0-9)[3]	Stem Rust (0-9)[3]	Maturity[4] (days)	Straw Yield Index
Furano	HRS	MR	MR	5	77.0	13.4	34.0	0.3	104	59	0.3	2.0	0.0	94	102
MAJOR	HRS	MR	MR	5	76.9	13.3	35.4	0.7	111	60	0.0	0.8	0.0	94	93
Fuzion	HRS	MS	MS	6	75.3	13.5	34.5	2.3	113	56	1.0	3.8	0.0	90	94
Wilkin	HRS	S	MS	6	74.0	13.3	32.1	0.3	87	54	0.5	4.0	0.3	91	79
AAC Scotia	HRS-a	MR	MR	6	73.5	13.2	35.9	4.5	105	57	1.8	3.8	1.0	92	114
Easton	HRS-a	MS	MS	6	75.6	12.9	32.0	1.1	85	58	0.0	2.9	0.0	93	100
Raven	HRS-a	MS	MS	5	76.8	12.5	36.4	1.5	102	55	0.3	2.8	0.0	92	105
Ventry	HRS-a	MS	MS	5	77.0	14.0	37.4	1.0	107	52	0.8	3.6	0.3	91	93
AAC Synox	HRS-a	MS	MR	1	78.7	14.1	32.3	1.0	102	56	0.0	3.6	0.0	91	100
Toundra	HRS-a	MS	MR	2	77.3	13.7	34.6	1.2	111	54	1.8	2.9	2.3	92	106
Hoffman	EFS-a	S	HS	6	74.4	12.1	38.7	1.1	109	56	2.0	3.8	0.0	93	110
Bangor	EFS-a	MR	MS	2	72.5	12.1	33.5	0.3	104	57	4.0	3.8	2.3	93	110
Dagon	EFS-a	MS	S	2	75.6	12.6	30.6	0.3	91	57	1.3	4.3	0.0	93	95
Means					75.7	13.1	34.4	1.2	102	56	1.0	3.2	0.5	92	3.77 t/ha
Locations					3	3	3	3	3	3	1	3	1	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 2019 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 2c - Ontario Spring Wheat Varietal Characteristics Based on Data from Area 5, 2019

Cultivar	Class[1]	** Fusarium Data			Test Weight (kg/hL)	Protein (%)	1000 Kernel Weight (g)	Lodging (0-9)[3]	Height (cm)	Heading[4] (days)	Leaf Septoria (0-9)[3]	Barley Yellow Dwarf Virus (0-9)[3]	Maturity[4] (days)	Straw Yield Index
		Combined Fusarium Rating[2]	DON Rating[2]	Years										
Furano	HRS	MR	MR	5	75.3	12.3	36.9	0.1	96	58	1.5	0.0	96	103
MAJOR	HRS	MR	MR	5	75.4	12.6	39.2	0.3	101	59	2.5	0.0	94	122
Fuzion	HRS	MS	MS	6	76.1	12.5	38.3	1.6	103	55	0.3	0.3	92	106
Wilkin	HRS	S	MS	6	75.4	13.0	33.4	0.0	79	53	0.0	0.0	94	85
AAC Scotia	HRS-a	MR	MR	6	74.6	11.2	38.9	3.2	101	57	0.8	0.1	93	101
AAC Brandon	HRS-a	MR	MR	1	77.0	14.1	35.3	0.0	79	52	1.5	0.0	93	77
Easton	HRS-a	MS	MS	6	77.2	12.5	34.0	0.0	78	59	0.0	0.0	95	92
RGT Presidio	HRS	S	HS	2	75.3	10.9	35.0	0.0	81	56	0.0	0.0	95	96
Raven	HRS-a	MS	MS	5	77.3	12.1	40.5	0.4	90	55	0.0	0.0	94	108
AAC Synox	HRS-a	MS	MR	1	78.8	13.5	34.3	0.0	92	57	0.0	0.0	94	89
Toundra	HRS-a	MS	MR	2	78.1	13.1	37.7	0.6	104	54	0.0	0.0	94	109
Hoffman	EFS-a	S	HS	6	75.2	11.0	46.1	1.3	98	55	0.0	0.3	96	118
Bangor	EFS-a	MR	MS	2	74.4	11.7	40.8	0.8	100	56	0.8	0.3	95	100
Dagon	EFS-a	MS	S	2	77.1	12.2	33.5	0.0	82	57	0.8	0.0	95	94
Means					76.2	12.3	37.4	0.6	92	56	0.6	0.1	94	3.54 t/ha
Locations					3	2	3	3	3	3	1	2	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 2019 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. 2019 Spring Barley Performance Trial Cumulative Yield Index[1] Summary

	Area 2[2]					Area 3[2]					Area 5[2]				
Cultivar	**5 yr[3]**	**4 yr**	**3 yr**	**2 yr**	**2019**	**5 yr[3]**	**4 yr**	**3 yr**	**2 yr**	**2019**	**5 yr[3]**	**4 yr**	**3 yr**	**2 yr**	**2019**
2 Rowed															
AC Kings	96	94	93	93	91										
Bornholm	102	101	101	105	104	100	100	101	101	98					97
Conestogo	99	99	98	101	102	97	97	98	98	94					
AAC Purpose	99	100	101	105	101	96	97	96	98	96	100	101	103	102	100
Dundee		94	93	94	91		100	101	100	99		98	99	101	103
DS5692RB		102	103	105	103		103	104	103	95					95
Champion							100	100	101	102					102
AAC Synergy									92	96					101
Newport									99	96					98
6 Rowed															
Cyane	101	100	102	99	99	106	105	107	108	104					
Dignity	99	98	97	94	96	102	101	101	97	102					
OCEANIK						108	107	107	109	103	107	107	104	103	106
OAC Laverne	104	103	104	104	100	101	101	100	101	97					
Harmony						104	105	105	109	105	95	94	97	99	93
Amberly	105	106	108	106	103	103	104	103	102	105				105	102
HY 621-6R	100	102	104	102	95	100	101	104	103	99					93
Alyssa											95	94	94	99	102
Boroe											107	107	107	105	107
Masky						106	104	105	106	106	104	104	104	103	102
Chambly						105	105	107	104	102	101	100	101	99	96
AAC Vitality	102	104	103	102	102	103	104	105	104	107	102	103	105	105	108
AAC Montrose											103	102	101	100	103
Marden		102	102	99	96		97	99	96	96		99	95	88	84
Baden		103	104	104	102		109	109	107	106		106	103	101	100
DS8126RB				109	110				110	107					111
Sagamie									99	104					
6 Rowed Hulless															
Bastile								73	78	78	82	82	87	90	89
Means (t/ha)	4.32	4.54	4.35	4.48	5.38	4.76	4.38	4.39	4.51	5.84	5.00	4.85	4.93	4.83	5.31
Means (bu/ac)	80	84	81	83	100	89	82	82	84	109	93	90	92	90	99
Locations	14	10	7	5	3	12	10	8	6	3	13	11	8	5	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, 2019

Cultivar	Class[1]	Test Weight (kg/hL)	1000 Kernel Weight (g)	Height (cm)	Lodging (0-9)[2]	Heading[3] (days)	Maturity[3] (days)	Net Blotch (0-9)[2]	Spot Blotch (0-9)[2]	Straw Yield Index
AC Kings	2R	65.6	49.3	86	2.3	54	78	2.8	1.4	94
Bornholm	2R	65.9	46.8	74	2.0	52	77	1.5	3.3	74
Conestogo	2R	63.2	42.3	79	4.1	53	76	1.8	3.0	73
AAC Purpose	2R	62.3	48.6	82	3.9	53	80	2.8	0.8	125
Dundee	2R	64.6	45.9	78	4.0	53	79	2.8	4.8	84
DS5692RB	2R	63.1	44.6	76	2.3	53	76	3.8	1.0	71
Cyane	6R	61.6	43.0	89	2.1	53	80	1.5	1.3	147
Dignity	6R	63.0	40.5	79	2.1	52	81	2.8	2.4	100
OAC Laverne	6R	65.0	45.1	80	2.2	52	76	2.0	3.0	108
Amberly	6R	62.5	46.5	84	2.9	54	83	0.5	2.1	136
HY 621-6R	6R	62.8	43.3	78	4.1	50	78	3.8	1.4	81
AAC Vitality	6R	59.5	42.3	84	4.3	54	80	2.3	2.4	134
Marden	6R	63.3	44.1	81	1.9	49	76	1.8	1.5	94
Baden	6R	63.2	38.9	76	2.2	52	78	1.3	2.4	77
DS8126RB	6R	61.8	42.8	82	3.8	53	80	3.5	0.3	101
Means		63.2	44.3	80	2.9	53	79	2.3	2.1	4.20 t/ha
Locations		3	3	3	3	3	1	1	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.

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

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Table 4b - Ontario Spring Barley Varietal Characteristics Based on Data from Area 3, 2019

Cultivar	Class[1]	Test Weight (kg/hL)	1000 Kernel Weight (g)	Height (cm)	Heading[3] (days)	Maturity[3] (days)	Leaf Rust (0-9)[2]	Net Blotch (0-9)[2]	Straw Yield Index
Bornholm	2R	70.7	45.8	67	61	84	1.5	2	102
Conestogo	2R	68.6	44.3	77	58	82	0.0	4	97
AAC Purpose	2R	64.3	48.7	82	60	86	0.3	0	108
Dundee	2R	68.8	44.3	73	64	86	0.0	1	115
DS5692RB	2R	67.5	44.5	67	63	83	3.3	1	107
Champion	2R	68.1	44.0	75	60	86	0.3	0	103
AAC Synergy	2R	64.6	42.9	71	62	85	0.8	0	123
Newport	2R	68.3	43.6	72	60	84	1.8	0	89
Cyane	6R	63.9	43.0	88	60	87	0.3	4	103
Dignity	6R	66.2	40.6	82	58	85	2.5	2	91
OCEANIK	6R	63.9	42.7	83	60	86	2.3	3	105
OAC Laverne	6R	68.3	41.7	84	57	85	4.0	4	75
Harmony	6R	64.5	43.4	92	61	87	2.3	0	120
Amberly	6R	64.8	43.8	88	60	88	1.3	0	125
HY 621-6R	6R	65.9	43.6	80	55	84	1.8	1	103
Masky	6R	65.9	39.7	80	61	87	0.3	4	96
Chambly	6R	64.6	44.1	80	60	87	2.8	6	101
AAC Vitality	6R	63.4	41.4	85	60	86	0.3	2	116
Marden	6R	66.8	42.3	74	55	83	1.5	0	64
Baden	6R	65.3	36.9	65	59	85	0.3	2	69
DS8126RB	6R	65.0	43.2	76	60	87	3.0	6	70
Sagamie	6R	64.7	42.0	88	59	86	1.3	0	120
Bastile	6R hulless	75.5	34.5	77	64	86	1.0	4	96
Means		66.5	42.6	79	60	85	1.4	2	2.51 t/ha
Locations		3	3	3	3	3	1	1	1

Notes:

1. 2R = 2 Row, 6R = 6 Row
2. For ratings 0-9, a high score is undesirable. There is only one rep of data for Net Blotch.

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, 2019

Cultivar	Class[1]	Test Weight (kg/hL)	1000 Kernel Weight (g)	Height (cm)	Lodging (0-9)[2]	Heading[3] (days)	Maturity[3] (days)	Barley Yellow Dwarf Virus (0-9)[2]	Spot Blotch (0-9)[2]	Straw Yield Index
Bornholm	2R	64.8	47.0	68	0.1	60	87	2.3	0.9	91
AAC Purpose	2R	61.0	53.1	79	0.8	60	89	0.0	0.8	110
Dundee	2R	64.8	48.1	74	0.1	60	87	0.0	1.0	107
DS5692RB	2R	64.0	47.2	71	0.0	59	85	2.5	0.4	102
Champion	2R	62.8	46.0	71	0.2	61	90	0.3	0.5	81
AAC Synergy	2R	60.6	45.0	75	0.3	60	88	0.0	0.0	116
Newport	2R	64.5	46.9	71	0.3	58	85	1.8	0.0	90
OCEANIK	6R	59.8	44.2	84	0.0	58	88	0.5	0.0	110
Harmony	6R	58.2	43.9	94	0.0	57	89	0.0	0.0	118
Amberly	6R	60.4	46.0	86	0.1	58	90	0.0	0.6	114
HY 621-6R	6R	60.6	45.1	78	1.8	53	87	0.8	0.6	85
Alyssa	6R	59.9	42.4	82	0.2	59	90	0.0	0.4	110
Boroe	6R	59.8	44.1	84	0.0	55	89	0.0	0.9	101
Masky	6R	61.4	40.5	80	0.0	59	89	0.0	0.4	89
Chambly	6R	60.5	46.1	77	0.0	58	88	0.0	0.3	115
AAC Vitality	6R	58.4	43.4	85	0.6	59	90	1.3	1.9	108
AAC Montrose	6R	59.4	44.1	87	0.6	56	88	0.5	2.5	116
Marden	6R	60.3	43.0	71	0.0	53	85	2.0	1.0	65
Baden	6R	61.2	37.6	68	0.0	58	88	1.0	0.6	73
DS8126RB	6R	61.5	45.1	80	0.0	60	90	0.0	0.6	87
Bastile	6R hulless	72.1	36.4	81	0.1	60	89	0.5	0.3	113
Means		61.7	44.5	78	0.2	58	88	0.6	0.6	2.97 t/ha
Locations		3	3	3	3	3	3	1	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.

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

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Table 5. 2019 Oat Performance Trial Cumulative Yield Index[1] Summary

Cultivar	Area 2[2]					Area 3[2]					Area 5[2]				
	5 yr[3]	4 yr	3 yr	2 yr	2019	5 yr[3]	4 yr	3 yr	2 yr	2019	5 yr[3]	4 yr	3 yr	2 yr	2019
Hulled															
OAC Markdale	85	81	79	79	80	92	93	93	98	95					
RC Amaze	88	88	85	90	89	92	92	92	106	98					
Avatar						90	89	84	92	80					
Hidalgo											99	99	99	99	96
Vitality								88	96	98	99	100	100	99	95
AAC Bullet	103	101	99	93	84	110	109	114	103	106					
Nice											102	102	101	101	103
AAC Almonte	98	94	92	85	79	105	107	111	103	106	97	98	99	98	99
CDC Orrin						108	110	110	116	110			100	102	95
AAC Richmond	102	101	100	96	89	100	98	94	91	97	104	106	107	108	107
AAC Oaklin	100	98	99	88	79	109	108	113	105	107	99	99	100	97	99
Kara											103	102	102	103	102
Akina											104	103	104	106	104
AAC Nicolas											103	102	102	99	96
AAC Noranda						106	104	103	101	100	100	99	97	93	93
AAC Blake	100	98	95	92	85										
AAC Banner			123	121	130			114	109	119					
Means (t/ha)	3.76	4.02	3.68	3.60	3.98	4.05	4.06	3.55	3.60	4.70	5.06	5.03	5.14	4.93	5.62
Means (bu/ac)	99	106	97	95	104	106	106	93	95	123	133	132	135	129	147
Locations	15	11	8	5	3	10	8	6	4	2	14	12	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 2019 Cumulative Yield Index[1] Intensive Trials
Summary for Area 2[2], OCCC, November 2019

Class[3]	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2019 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	OAC Markdale	90[4]	96	88	96	88	96	85	99	77	99
	RC Amaze	89	97	90	99	89	102	89	104	82	106
	AAC Bullet	98	105	97	105	95	105	87	106	81	109
	AAC Richmond	100	102	96	101	93	99	89	100	84	100
	AAC Oaklin	97	103	96	104	94	106	83	103	75	104
	AAC Blake	100	107	98	106	95	105	90	105	86	108
	AAC Banner					104	110	104	113	107	120
tan	AAC Almonte	96	100	93	100	91	101	86	101	79	101
Means (t/ha)		4.02	4.21	4.08	4.37	3.96	4.36	3.86	4.52	4.17	5.03
Means (bu/ac)		106	111	107	115	104	115	101	119	110	132
Location-Years		9		7		5		3		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 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.

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

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Table 5b - Ontario Performance Trial; Oat 2019 Cumulative Yield Index[1] Intensive Trials
Summary for Area 3[2], OCCC, November 2019

Class[3]	Variety	4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2019 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes
white	OAC Markdale	85[4]	99	84	101	89	101	80	104
	RC Amaze	80	101	78	101	94	103	85	103
	Avatar	79	102	73	101	90	108	77	110
	Vitality			81	99	92	101	88	101
	AAC Bullet	106	110	110	113	99	103	98	108
	CDC Orrin	101	109	101	108	105	107	106	111
	AAC Richmond	95	111	90	110	93	108	88	114
	AAC Oaklin	104	109	110	116	96	104	93	111
	AAC Noranda	96	105	95	107	93	99	89	96
	AAC Banner			110	111	108	110	116	117
tan	AAC Almonte	102	108	107	111	98	102	98	106
Means (t/ha)		4.30	4.94	3.90	4.54	4.10	4.55	4.74	5.55
Means (bu/ac)		113	130	102	119	108	120	124	146
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] hull colour.

[4] 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 intensive trials.

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Table 5c - Ontario Performance Trial; Oat 2019 Cumulative Yield Index[1] Intensive Trials
Summary for Area 5[2], OCCC, November 2019

Class[3]	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2019 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	Hidalgo	98[4]	102	99	102	100	102	102	105	104	102
	Vitality	96	99	95	100	97	100	94	99	95	93
	Nice	102	103	102	104	103	104	104	104	108	103
	CDC Orrin					99	98	99	99	99	94
	AAC Richmond	102	103	103	104	103	102	105	109	105	107
	AAC Oaklin	97	99	96	99	97	98	93	95	94	98
	Kara	104	105	104	105	104	103	101	102	103	101
	Akina	101	102	101	101	102	99	101	98	103	100
	AAC Nicolas	103	104	102	102	103	102	101	98	97	90
	AAC Noranda	98	102	97	101	97	99	95	97	94	92
tan	AAC Almonte	95	99	96	100	97	99	97	101	97	93
Means (t/ha)		5.39	5.54	5.32	5.46	5.14	5.16	4.76	4.84	5.21	5.03
Means (bu/ac)		141.5	145.3	139.5	143.4	134.9	135.3	124.9	127.1	136.6	132.1
Location-Years		5		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 5d - Ontario Performance Trial; Oat 2019 Cumulative Lodging Score[1] Intensive Trials Summary for Area 2[2], OCCC, November 2019

Class[3]	Variety	4-Year Lodging Score Fungicides		3-Year Lodging Score Fungicides		2-Year Lodging Score Fungicides		2019 Lodging Score Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes
white	OAC Markdale	3.8[4]	2.9	3.3	2.2	4.0	0.6	5.8	0.9
	RC Amaze	5.5	3.1	4.5	2.4	6.8	1.9	7.3	1.4
	AAC Bullet	3.6	2.8	3.2	2.1	3.8	0.8	5.5	1.0
	AAC Richmond	3.8	4.2	3.2	3.6	3.7	1.0	5.3	1.5
	AAC Oaklin	4.4	2.9	3.8	2.2	5.3	1.3	6.4	0.8
	AAC Blake	4.9	3.5	4.1	2.3	4.4	1.0	5.9	0.5
	AAC Banner			3.6	3.0	2.7	1.3	3.0	1.0
tan	AAC Almonte	6.0	5.2	5.1	4.7	6.7	3.3	7.8	2.9
Means		4.3	3.6	3.3	2.6	3.9	1.2	4.8	1.0
Location-Years		7		5		3		2	

[1] Lodging scroes range from 0 to 9. A high score is undesirable

[2] Area 2: see area map on www.gocereals.ca website.

[3] hull colour.

[4] Cultivar lodging rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

Fungicide treatments included a T2 application of foliar fungicide at Zadoks Growth Stage 39

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

PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit pbrfacts.ca to learn more.

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Table 5e - Ontario Performance Trial; Oat 2019 Cumulative Lodging Score[1]
Intensive Trials
Summary for Area 3[2], OCCC, November 2019

Class[3]	Variety	2-Year Lodging Score Fungicides		2019 Lodging Score Fungicides	
		No	Yes	No	Yes
white	OAC Markdale	5.6[4]	5.0	2.3	1.0
	RC Amaze	7.7	5.0	6.8	1.0
	Avatar			8.0	2.5
	Vitality			6.5	1.8
	AAC Bullet	4.5	2.6	1.5	0.3
	CDC Orrin			4.0	1.3
	AAC Richmond	5.8	3.8	2.5	1.0
	AAC Oaklin	6.8	4.1	5.0	1.8
	AAC Noranda	4.9	4.5	0.8	0.0
	AAC Banner	5.8	4.3	2.5	1.3
tan	AAC Almonte	8.5	7.3	8.0	5.8
Means		7.0	4.9	4.5	1.4
Location-Years		2		1	

[1] Lodging scores range from 0 to 9. A high score is undesirable

[2] Area 3: see area map on www.gocereals.ca website.

[3] hull colour.

[4] Cultivar lodging rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

Fungicide treatments included a T2 application of foliar fungicide at Zadoks Growth Stage 39

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

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Table 5f - Ontario Performance Trial; Oat 2019 Cumulative Lodging Score[1]
Summary for Area 5[2], OCCC, November 2019

Class[3]	Variety	3-Year Lodging Score Fungicides		2-Year Lodging Score Fungicides		2019 Lodging Score Fungicides	
		No	Yes	No	Yes	No	Yes
white	Hidalgo	2.7[4]	2.3	1.5	1.3	0.0	0.0
	Vitality	3.5	2.8	2.8	2.4	0.8	1.0
	Nice	4.0	2.3	3.5	3.4	2.8	2.5
	CDC Orrin			1.8	1.5	0.5	0.5
	AAC Richmond	3.7	2.9	3.9	3.6	3.0	3.0
	AAC Oaklin	2.9	2.8	1.9	2.0	0.0	0.5
	Kara	2.6	1.5	1.8	1.8	0.0	0.0
	Akina	2.5	1.8	1.3	1.5	0.0	0.0
	AAC Nicolas	2.7	2.8	1.5	1.6	0.0	0.0
	AAC Noranda	2.8	2.3	1.7	1.4	0.0	0.0
tan	AAC Almonte	3.8	3.8	3.3	3.0	1.0	1.0
Means		3.5	2.7	2.8	2.7	0.7	0.7
Location-Years		3		2		1	

[1] Lodging scroes range from 0 to 9. A high score is undesirable

[2] Area 5: see area map on www.gocereals.ca website.

[3] hull colour.

[4] Cultivar lodging rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

Fungicide treatments included a T2 application of foliar fungicide at Zadoks Growth Stage 39

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

PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit pbrfacts.ca to learn more.

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Table 6a - Ontario Oat Varietal Characteristics Based on Data from Area 2, 2019

Cultivar	Class[1]	Test Weight (kg/hL)	1000 Kernel Weight (g)	Heading[3] (days)	Maturity[3] (days)	Height (cm)	Lodging (0-9)[2]	Crown Rust (0-9)[2]	Straw Yield Index
OAC Markdale	white	39.0	30.2	52	78	102	5.7	5.1	89
RC Amaze	white	38.9	30.0	49	77	93	7.4	5.9	102
AAC Bullet	white	39.0	32.2	54	78	95	5.4	5.8	101
AAC Almonte	tan	42.1	29.2	57	81	101	7.3	4.8	94
AAC Richmond	white	38.5	29.8	61	85	107	4.2	4.9	118
AAC Oaklin	white	38.6	30.6	55	78	98	6.8	5.8	85
AAC Blake	white	35.4	28.7	57	80	99	5.2	5.5	101
AAC Banner	white	42.9	32.8	55	84	96	2.8	1.1	110
Means		39.3	30.4	55	80	99	5.6	4.9	3.93 t/ha
Locations		3	3	3	1	3	3	3	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 to learn more.

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Table 6b - Ontario Oat Varietal Characteristics Based on Data from Area 3, 2019

Cultivar	Class[1]	Test Weight (kg/hL)	1000 Kernel Weight (g)	Heading[3] (days)	Maturity[3] (days)	Height (cm)	Lodging (0-9)[2]	Crown Rust (0-9)[2]	Leaf Septoria (0-9)[2]	Straw Yield Index
OAC Markdale	white	49.9	30.4	60	90	98	2.3	5.9	2.8	121
RC Amaze	white	49.1	32.1	58	88	91	6.8	6.1	5.3	79
Avatar	white	48.6	27.7	61	90	96	8.0	5.8	6.8	103
Vitality	white	47.8	34.5	60	90	98	6.5	6.0	3.5	115
AAC Bullet	white	49.2	33.9	61	89	93	1.5	4.4	3.0	101
AAC Almonte	tan	55.2	32.7	62	89	95	8.0	4.8	0.0	93
CDC Orrin	white	48.1	31.4	61	90	96	4.0	4.5	4.3	115
AAC Richmond	white	45.7	29.6	64	92	101	2.5	4.6	1.5	80
AAC Oaklin	white	50.7	33.8	59	87	94	5.0	4.4	1.8	81
AAC Noranda	white	44.7	31.1	62	90	94	0.8	4.5	0.0	113
AAC Banner	white	49.5	31.0	61	91	97	2.5	1.0	0.0	100
Means		48.9	31.6	61	90	96	4.3	4.7	2.6	2.16 t/ha
Locations		2	2	2	1	2	1	2	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 to learn more.

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Table 6c - Ontario Oat Varietal Characteristics Based on Data from Area 5, 2019

Cultivar	Class[1]	Test Weight (kg/hL)	1000 Kernel Weight (g)	Heading[3] (days)	Maturity[3] (days)	Height (cm)	Lodging (0-9)[2]	Stem Rust (0-9)[2]	Barley Yellow Dwarf Virus (0-9)[2]	Straw Yield Index
Hidalgo	white	46.7	34.3	58	91	86	0.9	3.8	0.8	96
Vitality	white	45.4	38.6	57	92	92	0.4	0.5	1.5	98
Nice	white	46.0	37.5	56	90	96	1.6	1.5	1.0	88
AAC Almonte	tan	47.2	35.0	58	91	94	0.8	1.0	0.8	104
CDC Orrin	white	46.4	38.1	57	92	91	0.3	2.8	1.5	96
AAC Richmond	white	48.4	38.3	62	95	99	1.8	3.3	0.8	131
AAC Oaklin	white	46.4	35.4	57	90	90	0.0	1.3	1.3	103
Kara	white	47.6	37.0	56	90	87	0.0	3.7	0.7	96
Akina	white	44.3	36.3	56	91	89	0.0	4.0	1.0	93
AAC Nicolas	white	42.9	32.9	61	94	89	0.0	3.0	0.5	96
AAC Noranda	white	43.4	35.5	59	93	88	0.0	3.0	0.3	98
Means		45.9	36.3	58	92	91	0.5	2.5	0.9	3.24 t/ha
Locations		3	3	3	3	3	2	1	1	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 to indicate relative differences.

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

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Table 7a - Ontario Spring Wheat Distributors 2019

Class[1]	Variety	Distributor
hrs	Furano	C & M Seeds
	MAJOR	Synagri
	Fuzion	Semences Prograin Inc
	Wilkin	C & M Seeds
	AAC Scotia (awned)	Semican Inc
	AAC Brandon (awned)	SeCan Association
	Easton (awned)	C & M Seeds
	RGT Presidio	Synagri
	Raven (awned)	C & M Seeds
	Ventry (awned)	SeCan Association
	AAC Synox (awned)	Synagri
	Toundra (awned)	Semican Inc
efs	Hoffman (awned)	Elite Seeds
	Bangor (awned)	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 to learn more.

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Table 7b - Ontario Barley Distributors 2019

Class[1]	Variety	Distributor
2r	AC Kings	Snobelen Farms
	Bornholm	Alliance Agri-Turf/Beatty Seeds/ Snobelen Farms
	Conestogo	SeCan Association
	AAC Purpose	Snobelen Farms
	Dundee	SeCan Association
	DS5692RB	Snobelen Farms
	Champion	Semican Inc
	AAC Synergy	Semican Inc
	Newport	Semican Inc
6r	Cyane	Elite Seeds
	Dignity	SeCan Association
	OCEANIK	Synagri
	OAC Laverne	Snobelen Farms
	Harmony	Synagri
	Amberly	Rosebank Seed Farms Ltd.
	HY 621-6R	Alliance Agri-Turf/Beatty Seeds/ Snobelen Farms
	Alyssa	Elite Seeds
	Boroe	Elite Seeds
	Masky	Synagri
	Chambly	Semences Prograin Inc
	AAC Vitality	Advantage Seed Growers
	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 2019

Class	Variety	Distributor
hulled	OAC Markdale	Rosebank Seed Farms Ltd.
	RC Amaze	Rosebank Seed Farms Ltd.
	Avatar	Pedigrain
	Hidalgo	Synagri
	Vitality	Synagri
	AAC Bullet	SeCan Association
	Nice	Elite Seeds
	AAC Almonte	Advantage Seed Growers
	CDC Orrin	Semican Inc
	AAC Richmond	Semican Inc
	AAC Oaklin	C & M Seeds
	Kara	Elite Seeds
	Akina	Elite Seeds
	AAC Nicolas	SeCan Association
	AAC Noranda	Semican Inc
	AAC Blake	SeCan Association
	AAC Banner	SeCan Association

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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
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 Association	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

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