2025

Ontario Spring Cereal Performance Trials

Data collected in 2025

www.gocrops.ca

Conducted by the Ontario Cereal Crop Committee

Current as of October 2025

General Information:

Cereal Performance Trials are conducted annually by the Ontario Cereal Crops Committee (OCCC). For more information about the OCCC, go to the GoCrops website under "About".

Spring wheat trials are conducted at 8 locations, barley and oat trials are at 7 locations. A map showing the testing areas can be found on GoCrops under "Performance Trial Results". Each trial consists of three replications and is managed according to the recommendations of the Ontario Ministry of Agriculture, Food and Agribusiness. Detailed information about the practices used and explanations of the terms can be found on GoCrops under "Performance Trial Results > Procedures: OCCC Trial Methods & Testing Procedures". Trials are inspected by representatives of the OCCC after heading to ensure that they meet OCCC standards.

"Fungicide Applied" trials for spring cereals refers to trials that receive one or two applications of a foliar fungicide for the control of leaf diseases and/or Fusarium Head Blight. Fungicide treatments for spring wheat include a T1 (GS 30-31) and T3 (GS 60-65) application. Fungicide treatment for oats includes one T2 (GS 39) application. Fungicide treatment for barley may include one T3 application at head emergence (GS59). **The OCCC thanks the Grain Farmers of Ontario, BASF, Bayer and Syngenta for their financial support towards the intensive trials.**

The Yield Index reflects the performance of the variety relative to the average of the trials. Yield Indices are "Heritability Adjusted Relative Values" (HARV), which favour results from trial locations with high repeatability from rep to rep. For more information, see: Yan, W. Use of HARV in Variety Trial Summaries. Index values differing by less than 3 within a column may not represent true differences in yield. Variety yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

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

Not all traits are expressed in any given year or area. For traits not reported in a table, see other area trait tables for that crop or previous years' performance trial reports. Head-to-Head comparisons on GoCrops website give multi-year data for all trait characteristics.

Some years specific diseases or weather events impact variety performance. More information of diseases and pests present in any given year in Ontario can be found in the FieldCrop News crop report and under specific crop types at, https://fieldcropnews.com/cereals/

Plant Breeders' Rights Status;  indicates varieties protected under PBR 91 or PBR78. Visit PBR Facts to learn more.

Abbreviations:

- Days = days from planting
- Fusarium Ratings: "Combined Fusarium Ratings" for spring wheat 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. Ratings are, MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst)
- Other Ratings: For ratings 0 - 9, a high score is undesirable. Disease ratings are taken from naturally occurring infection.
- Spring Wheat Classes: hrs = eastern hard red spring; efs = eastern feed; eow = Canada Eastern Other Wheat; a = awned
- Barley: 2R = 2 Rowed, 6R = 6 Rowed

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

Tables are hyperlinked – click on the table# to go directly to the desired table

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Table 1. Spring Wheat Cumulative Yield Index[1] Summary

		Area 2					Area 3					Area 5				
Cultivar	**Class**	**5 yr[2]**	**4 yr**	**3 yr**	**2 yr**	**2025**	**5 yr[2]**	**4 yr**	**3 yr**	**2 yr**	**2025**	**5 yr[2]**	**4 yr**	**3 yr**	**2 yr**	**2025**
Furano	HRS						97	100	102	100	96	95	96	96	97	99
MAJOR	HRS						101	102	103	101	101	97	97	99	96	98
Wilkin	HRS	100	102	97	97	96	97	97	94	93	92	97	97	97	95	97
Raven	HRS-a	111	110	107	103	105	102	102	101	101	102	109	111	112	112	108
Ventry	HRS-a	102	102	101	104	99	99	101	99	100	100					
AAC Synox	HRS-a						101	100	97	98	100	98	99	98	98	95
Agora	HRS						100	100	101	100	100	100	101	100	99	100
Starlite	HRS						100	100	98	97	92	96	94	95	96	98
Arvida	HRS						103	101	100	101	99	102	100	100	99	95
Audika	HRS								94	93	95			97	99	96
Beloukha	HRS-a									103	102				94	99
Arkco	HRS										96					90
Kerson	EFS-a									117	118				120	125
Jackbo	EFS									103	106				103	101
Means (t/ha)		4.55	4.73	4.06	3.90	4.56	4.03	4.13	4.13	4.11	4.12	4.36	4.48	4.39	4.07	4.59
Means (bu/ac)		67.7	70.3	60.4	58.0	67.7	60.0	61.4	61.5	61.1	61.3	64.8	66.5	65.2	60.6	68.2
Locations		14	11	8	5	3	13	10	7	5	3	9	7	6	4	2

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

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

PBR Status; indicates varieties protected under PBR 91 or pbr78. Visit pbrfacts.ca to learn more.

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Table 1a - Spring Wheat Cumulative Yield Index[1] Area 2 Fungicide Applied

Class	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2025 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
hrs	Wilkin	99[2]	107	102	111	95	109	92	115	88	112
	Raven (awned)	107	112	105	112	100	110	88	108	93	117
	Ventry (awned)	96	101	96	101	92	102	93	111	86	103
Means (t/ha)		4.55	4.84	4.68	4.98	4.53	5.14	4.74	5.89	4.12	5.20
Means (bu/ac)		67.7	72.0	69.5	74.1	67.4	76.5	70.5	87.6	61.2	77.3
Location-Years		8		6		4		2		1	

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Table 1b - Spring Wheat Varietal Characteristics[1] Area 2

Cultivar	Class	**Fusarium Data			Test Weight (kg/hL)	Protein (%)	1000 Kernel Weight (g)	Lodging (0-9)[3]	Height (cm)	Heading (days)	Mildew (0-9)[3]	Stripe Rust (0-9)[3]	Straw Yield Index
		Combined Fusarium Rating[2]	DON Rating[2]	Years									
Wilkin	HRS	HS	HS	6	68.5	14.3	31.7	0.0	87	58	2.4	2.0	92
Raven	HRS-a	S	S	6	75.0	14.5	35.7	2.3	98	61	3.0	1.5	106
Ventry	HRS-a	MS	MS	6	74.6	14.6	34.1	0.5	102	57	0.8	1.0	102
Means					72.7	14.4	33.8	0.9	96	59	2.1	1.5	5.04 t/ha
Locations					3	2	3	2	3	2	2	2	1

[1]See Head to Head comparisons on GoCrops.ca website for multi-year data for trait characteristics.

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

** These columns will be updated when the 2025 data are available.

[3] For ratings 0-9, a high score is undesirable. Disease ratings are taken from naturally occurring infection.

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Table 1c - Spring Wheat Cumulative Yield Index[1] Area 3 Fungicide Applied

Class	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2025 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
hrs	Furano	104[2]	110	105	111	104	109	101	108	100	104
	MAJOR	100	104	101	105	102	106	98	105	99	104
	Wilkin	94	102	94	103	93	101	92	105	94	99
	Raven (awned)	98	101	96	102	98	101	94	101	100	104
	Ventry (awned)	94	99	94	100	93	99	94	103	97	100
	AAC Synox (awned)	97	102	97	102	94	100	91	97	97	104
	Agora	96	103	95	103	99	105	96	107	96	101
	Starlite	95	99	95	99	97	100	98	104	96	96
	Arvida	101	107	101	109	99	106	98	109	96	98
	Audika					95	99	92	99	95	96
	Beloukha (awned)							98	104	96	99
	Arkco									96	97
efs	Kerson (awned)							111	115	110	113
	Jackbo							98	106	106	108
Means (t/ha)		5.15	5.51	5.04	5.37	5.17	5.43	5.21	5.63	5.91	6.14
Means (bu/ac)		76.6	82.0	74.9	79.9	76.8	80.7	77.5	83.8	87.8	91.3
Location-Years		5		4		3		2		1	

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

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Table 1d - Spring Wheat Varietal Characteristics[1] Area 3

Cultivar	Class	**Fusarium Data			Test Weight (kg/hL)	Protein (%)	1000 Kernel Weight (g)	Height (cm)	Heading (days)	Maturity (days)	Leaf Rust (0-9)[3]	Leaf Septoria (0-9)[3]	Straw Yield Index
		Combined Fusarium Rating[2]	DON Rating[2]	Years									
Furano	HRS	MS	MS	6	80.7	13.8	34.0	94	55	87	0.8	1.7	98
MAJOR	HRS	MR	MS	6	80.7	14.0	35.9	97	55	88	0.2	0.3	121
Wilkin	HRS	HS	HS	6	78.6	14.2	32.7	76	51	85	1.8	3.5	84
Raven	HRS-a	S	S	6	80.7	13.6	36.3	87	53	87	2.5	3.0	94
Ventry	HRS-a	MS	MS	6	81.0	14.9	37.3	90	51	85	1.7	4.2	89
AAC Synox	HRS-a	MR	MR	6	82.9	15.3	34.0	90	52	85	0.7	2.8	109
Agora	HRS	MS	S	5	81.6	15.1	35.3	96	52	88	0.8	2.7	128
Starlite	HRS	HS	S	4	80.7	15.2	37.2	90	52	84	1.5	1.2	89
Arvida	HRS	MR	MR	3	81.6	13.8	35.8	96	51	84	4.8	1.7	84
Audika	HRS	MS	MS	2	82.3	14.6	32.5	94	54	86	0.8	2.5	101
Beloukha	HRS-a	--	--	--	77.2	14.6	36.8	89	55	88	2.0	0.5	113
Arkco	HRS	--	--	--	79.4	14.4	38.5	92	52	85	2.5	1.3	91
Kerson	EFS-a	MR	MS	1	80.9	13.3	38.2	92	54	87	1.2	1.5	112
Jackbo	EFS	--	--	--	81.0	13.9	34.5	91	53	87	0.5	1.5	86
Means					80.7	14.3	35.7	91	53	86	1.6	2.0	4.14 t/ha
Locations					3	3	3	3	3	1	2	2	1

[1]See Head to Head comparisons on GoCrops.ca website for multi-year data for trait characteristics.

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Table 1e - Spring Wheat Cumulative Yield Index[1] Area 5 Fungicide Applied

Class	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2025 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
hrs	Furano	89[2]	101	91	101	91	102	92	99	91	94
	MAJOR	91	96	92	95	95	94	88	87	90	93
	Wilkin	99	106	100	107	102	106	102	105	101	107
	Raven (awned)	109	114	113	117	116	121	115	121	108	118
	AAC Synox (awned)	97	101	98	101	97	101	98	102	94	98
	Agora	96	105	98	107	96	105	96	108	98	105
	Starlite	90	94	87	92	88	91	88	87	91	89
	Arvida	97	105	94	102	93	99	89	97	85	98
	Audika					100	101	101	104	97	104
	Beloukha (awned)							83	81	91	91
	Arkco									79	97
efs	Kerson (awned)							126	131	129	134
	Jackbo							106	120	103	113
Means (t/ha)		5.23	5.65	5.44	5.82	5.58	5.87	5.30	5.60	5.41	5.80
Means (bu/ac)		77.7	84.0	80.8	86.6	82.9	87.2	78.8	83.3	80.4	86.2
Location-Years		5		4		3		2		1	

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

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Table 1f - Spring Wheat Varietal Characteristics[1] Area 5

Cultivar	Class	**Fusarium Data			Test Weight (kg/hL)	Protein (%)	1000 Kernel Weight (g)	Height (cm)	Heading (days)	Maturity (days)	Barley Yellow Dwarf Virus	Stem Rust (0-9)[3]	Straw Yield Index
		Combined Fusarium Rating[2]	DON Rating[2]	Years									
Furano	HRS	MS	MS	6	75.0	13.4	33.3	97	57	98	2.0	2.0	94
MAJOR	HRS	MR	MS	6	74.9	13.3	33.7	97	59	96	1.7	1.0	108
Wilkin	HRS	HS	HS	6	68.2	13.5	29.5	75	52	94	2.0	1.5	95
Raven	HRS-a	S	S	6	75.4	13.2	33.6	85	54	95	2.0	1.5	107
AAC Synox	HRS-a	MR	MR	6	75.6	14.8	31.9	88	54	97	1.0	3.0	94
Agora	HRS	MS	S	5	75.2	14.7	32.7	90	52	95	1.7	5.5	100
Starlite	HRS	HS	S	4	76.3	14.1	34.7	92	53	96	1.7	2.5	104
Arvida	HRS	MR	MR	3	76.0	12.7	33.8	93	51	93	2.3	9.0	90
Audika	HRS	MS	MS	2	74.0	14.2	30.2	96	57	95	1.0	2.0	108
Beloukha	HRS-a	--	--	--	70.3	13.7	35.5	87	60	98	2.3	3.5	102
Arkco	HRS	--	--	--	72.6	13.3	33.2	92	53	96	2.3	8.0	93
Kerson	EFS-a	MR	MS	1	76.0	12.5	34.3	93	56	98	1.0	0.5	121
Jackbo	EFS	--	--	--	76.6	13.4	32.7	88	57	98	1.7	1.0	86
Means					74.3	13.6	33.0	90	55	96	1.7	3.2	4.25 t/ha
Locations					2	2	2	2	2	2	1	1	2

[1]See Head to Head comparisons on GoCrops.ca website for multi-year data for trait characteristics.

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Table 2. Spring Barley Cumulative Yield Index[1] Summary

Cultivar	Area 2					Area 3					Area 5				
	5 yr[2]	4 yr	3 yr	2 yr	2025	5 yr[2]	4 yr	3 yr	2 yr	2025	5 yr[2]	4 yr	3 yr	2 yr	2025
2 Rowed															
Bornholm	99	99	100	101	100	92	92	88	87	83	95	94	93	89	87
AAC Synergy	99	97	96	94	88	92	91	89	88	90	94	94	93	89	87
Esma	103	104	102	103	102										
6 Rowed															
Dignity	98	96	94	92	89	97	97	96	96	91					
OCEANIK						100	98	98	96	97	98	97	95	91	87
Amberly	101	101	101	100	104	106	105	106	106	108	104	104	103	102	97
DS8126RB	106	104	101	99	94	111	110	109	109	109	105	106	104	106	106
Rafale	104	104	104	108	110	102	102	99	98	98	102	103	104	104	107
Ariber						106	105	106	102	105	105	103	101	101	98
Massy	100	100	101	101	106	102	99	97	97	97		102	103	101	101
AAC Cranbrook	107	105	106	110	115	108	109	109	106	110	110	109	109	111	111
Tsunami	104	103	104	105	109	103	104	102	101	97	101	101	102	103	105
Waterloo							110	111	108	106		106	107	105	108
Orion								105	106	109					
6 Rowed Hulless															
AAC Malcolm	93	92	92	87	78										
Means (t/ha)	5.35	5.68	5.36	5.40	5.66	5.35	5.61	5.40	6.10	6.21	6.70	6.67	6.53	6.49	5.63
Means (bu/ac)	99.4	105.7	99.6	100.3	105.2	99.4	104.3	100.5	113.5	115.5	124.6	123.9	121.4	120.6	104.7
Locations	14	11	8	5	3	10	8	5	3	2	7	6	5	3	2

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[2] 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 2a - Spring Barley Varietal Characteristics[1] Area 2

Cultivar	Class	Test Weight (kg/hL)	1000 Kernel Weight (g)	Height (cm)	Lodging (0-9)[2]	Stem Break (0-9)[2]	Heading (days)	Mildew (0-9)[2]	Leaf Rust (0-9)[2]	Spot Blotch (0-9)[2]	Straw Yield Index
Bornholm	2R	57.0	45.6	83	1.3	3.3	56	0.0	0.0	1.0	116
AAC Synergy	2R	56.7	47.6	86	2.3	5.8	55	5.5	0.0	2.0	130
Esma	2R	55.4	43.9	76	0.3	6.5	56	0.0	0.0	0.5	97
Dignity	6R	56.2	43.2	95	0.3	3.8	56	6.8	0.7	2.0	113
Amberly	6R	57.8	48.7	97	0.0	0.2	59	4.7	1.0	4.5	108
DS8126RB	6R	58.3	45.0	93	3.0	6.8	57	6.2	1.0	2.0	90
Rafale	6R	57.2	40.8	104	0.0	1.5	57	4.9	1.0	2.5	85
Massy	6R	59.0	45.1	104	0.3	0.7	57	3.3	0.7	2.0	87
AAC Cranbrook	6R	58.4	45.8	96	0.0	0.5	58	1.8	0.3	0.0	86
Tsunami	6R	56.3	46.6	98	0.7	0.8	58	5.3	2.0	3.5	103
AAC Malcolm	6R hulless	59.0	45.2	91	3.3	5.5	58	7.0	0.7	3.5	86
Means		57.4	45.2	93	1.1	3.2	57	4.1	0.7	2.1	5.27 t/ha
Locations		3	3	3	1	2	2	2	1	1	1

[1]See Head to Head comparisons on GoCrops.ca website for multi-year data for trait characteristics.

[2] For ratings 0-9, a high score is undesirable. Disease ratings are taken from naturally occurring infection.

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Table 2b - Spring Barley Varietal Characteristics[1] Area 3

Cultivar	Class	Test Weight (kg/hL)	1000 Kernel Weight (g)	Height (cm)	Lodging (0-9)[2]	Heading (days)	Maturity (days)	Loose Smut (0-9)[2]	Straw Yield Index
Bornholm	2R	70.6	45.6	66	0.0	54	82	0.0	96
AAC Synergy	2R	67.5	45.8	71	0.7	54	81	0.0	100
Dignity	6R	65.7	43.0	77	0.3	52	82	5.0	88
OCEANIK	6R	62.1	43.6	81	0.3	52	82	0.0	122
Amberly	6R	65.1	46.5	83	1.3	54	84	0.0	99
DS8126RB	6R	65.3	42.5	73	0.0	52	82	0.0	96
Rafale	6R	66.3	41.8	79	0.7	52	82	2.7	91
Ariber	6R	62.4	43.9	77	1.0	54	82	0.0	101
Massy	6R	65.2	44.0	86	0.7	53	82	0.0	109
AAC Cranbrook	6R	63.4	43.8	74	0.3	53	83	0.0	81
Tsunami	6R	65.3	42.4	77	0.0	53	83	1.7	119
Waterloo	6R	67.3	44.4	83	0.3	53	83	0.0	105
Orion	6R	65.4	45.0	82	0.0	53	83	0.0	91
Means		65.5	44.0	78	0.4	53	82	0.7	2.63 t/ha
Locations		2	2	2	1	2	1	1	1

[1]See Head to Head comparisons on GoCrops.ca website for multi-year data for trait characteristics.

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Table 2c - Spring Barley Varietal Characteristics[1] Area 5

Cultivar	Class	Test Weight (kg/hL)	1000 Kernel Weight (g)	Height (cm)	Lodging (0-9)[2]	Heading (days)	Maturity (days)	Barley Yellow Dwarf Virus (0-9)[2]	Straw Yield Index
Bornholm	2R	66.2	44.7	66	0.0	55	90	2.0	79
AAC Synergy	2R	59.6	43.0	75	0.7	56	90	2.0	97
OCEANIK	6R	55.6	39.7	84	0.0	54	90	2.3	98
Amberly	6R	59.7	47.1	87	0.3	55	93	1.0	108
DS8126RB	6R	60.0	44.8	78	0.7	53	91	1.7	83
Rafale	6R	60.8	42.6	86	0.5	55	92	2.0	109
Ariber	6R	57.9	45.1	84	0.7	54	91	1.3	84
Massy	6R	59.3	44.4	89	0.0	54	91	2.0	117
AAC Cranbrook	6R	58.9	43.4	84	0.8	55	91	1.0	103
Tsunami	6R	59.0	43.7	82	0.0	55	92	2.0	112
Waterloo	6R	62.0	45.2	86	0.5	53	91	1.0	111
Means		59.9	44.0	82	0.4	54	91	1.7	4.08 t/ha
Locations		2	2	2	2	2	2	1	2

[1]See Head to Head comparisons on GoCrops.ca website for multi-year data for trait characteristics.

[2] For ratings 0-9, a high score is undesirable. Disease ratings are taken from naturally occurring infection.

PBR Status; indicates varieties protected under PBR 91 or pbr78. Visit pbrfacts.ca to learn more.

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Ontario Cereal Crop Performance Trials 2025

Table 3. Oat Cumulative Yield Index[1] Summary

Cultivar	Area 2					Area 3					Area 5				
	5 yr[2]	4 yr	3 yr	2 yr	2025	5 yr[2]	4 yr	3 yr	2 yr	2025	5 yr[2]	4 yr	3 yr	2 yr	2025
Hulled															
RC Amaze	99	102	101	108	101	98	101	99	102	96					
Avatar						84	81	88	82	97					
AAC Bullet	90	92	91	92	97										
AAC Nicolas											101	99	99	100	101
Kalio											104	104	105	103	97
AAC Chandler										95	100	100	99	99	101
AAC Reid	108	104	99	94	89	116	117	112	114	100					
AAC Zip													107	105	101
Alise						92	89	91	88	96	99	99	101	100	97
AAC Captain	110	104	103	95	96	115	115	110	111	102					
AAC Wallace									100	107					
AAC Loki											102	102	101	102	103
Nika											104	104	103	103	101
Mistral											100	101	100	99	98
AAC Basil		109	107	107	103										
AAC Wight												103	103	104	102
Shaka													102	103	102
Annie			115	119	113			116	122	108			102	102	106
Trinity			94	94	99			104	106	105			101	100	95
Iago										99					
Means (t/ha)	4.54	4.80	4.53	4.33	4.95	4.22	4.21	4.38	4.43	5.49	5.67	5.98	5.82	5.58	6.44
Means (bu/ac)	119	126	119	114	130	111	111	115	116	144	149	157	153	147	169
Locations	14	11	8	5	3	10	8	6	4	2	9	7	6	4	2

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

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

Rust races have overcome genetic resistance over many years, with some varieties being significantly impacted.

PBR Status; indicates varieties protected under PBR 91 or pbr78. Visit pbrfacts.ca to learn more.

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Table 3a - Ontario Performance Trial; Oat 2025 - Cumulative Yield Index[1] Summary for Area 2 & 3 Combined, OCCC, August 2025

Hull Colour	Variety	5 Year	4 Year	3 Year	2 Year	2025
white	RC Amaze	99[2]	101	101	105	99
	AAC Reid	112	109	104	103	94
	AAC Captain	112	109	106	102	99
	Annie			115	121	111
	Trinity			98	99	101
Means (t/ha)		4.37	4.49	4.45	4.39	5.22
Means (bu/ac)		115	118	117	115	137
Location-Years		24	19	14	9	5

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

[2] Cultivar yield rankings 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 over many years, with some varieties being significantly impacted.

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Ontario Cereal Crop Performance Trials 2025

Table 3b - Oat Cumulative Yield Index[1] Area 2 and 3 Fungicide Applied

Hull Colour	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2025 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	RC Amaze	88[2]	113	91	115	91	111	93	118	95	102
	AAC Reid	103	114	102	115	100	110	100	113	91	98
	AAC Captain	104	115	102	114	101	112	98	113	96	98
	Annie					110	123	114	130	103	109
	Trinity					90	109	88	112	96	108
Means (t/ha)		4.77	5.81	4.88	5.99	5.06	5.95	4.67	5.71	5.84	6.29
Means (bu/ac)		125	153	128	157	133	156	123	150	153	165
Location-Years		13		10		7		4		2	

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

[2] Cultivar yield rankings 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 over many years, with some varieties being significantly impacted.

PBR Status; indicates varieties protected under PBR 91 or pbr78s. Visit pbrfacts.ca to learn more.

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Ontario Cereal Crop Performance Trials 2025

Table 3c - Oat Cumulative Yield Index[1] Area 2 Fungicide Applied

Hull Colour	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2025 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	RC Amaze	88[2]	108	90	109	86	107	88	113	95	106
	AAC Bullet	83	107	84	106	81	103	78	110	90	100
	AAC Reid	99	110	96	110	92	107	87	106	86	98
	AAC Captain	100	113	97	111	97	111	87	110	93	102
	AAC Basil			98	118	96	117	91	121	97	114
	Annie					102	116	102	119	100	109
	Trinity					85	113	79	120	91	113
Means (t/ha)		4.85	5.93	5.18	6.34	5.12	6.29	4.96	6.56	5.51	6.28
Means (bu/ac)		127	156	136	167	134	165	130	172	145	165
Location-Years		8		6		4		2		1	

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

[2] Cultivar yield rankings 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 over many years, with some varieties being significantly impacted.

PBR Status; indicates varieties protected under PBR 91 or pbr78s. Visit pbrfacts.ca to learn more.

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Ontario Cereal Crop Committee Performance Trials 2025

Table 3d - Oat Cumulative Lodging Score[1] Area 2 Fungicide Applied

Hull Colour	Variety	5-Year Lodging Score Fungicides		4-Year Lodging Score Fungicides		3-Year Lodging Score Fungicides		2-Year Lodging Score Fungicides		2024 Lodging Score[3] Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	RC Amaze	3.5[2]	0.7	2.6	0.2	3.8	0.3	4.7	0.3	9.0	0.7
	AAC Bullet	4.4	1.1	4.0	0.8	4.8	1.1	4.5	0.3	9.0	0.7
	AAC Reid	2.2	1.3	1.7	1.0	2.3	1.5	0.5	0.3	1.0	0.0
	AAC Captain			1.1	0.3	1.1	0.4	0.7	0.0	1.3	0.0
	AAC Basil					2.9	0.7	4.3	0.0	8.7	0.0
	Annie							4.2	0.2	7.3	0.0
	Trinity							4.5	0.7	9.0	0.0
Means		3.9	1.9	3.1	1.2	3.9	1.5	3.3	0.2	6.8	0.2
Location-Years		7		6		4		2		1	

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

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

[3] 2025 had minimal to no lodging due to drought impact on plant growth.

PBR Status; indicates varieties protected under PBR 91 or pbr78s. Visit pbrfacts.ca to learn more.

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Ontario Cereal Crop Performance Trials 2025
Table 3e - Oat Varietal Characteristics[1] Area 2

Cultivar	Hull Colour	Test Weight (kg/hL)	1000 Kernel Weight (g)	Heading (days)	Height (cm)	Lodging (0-9)[2]	Crown Rust (0-9)[2]	Leaf Septoria (0-9)[2]	Straw Yield Index
RC Amaze	white	42.3	30.0	56	99	5.5	4.5	4.5	106
AAC Bullet	white	40.9	30.9	59	108	4.5	4.6	4.0	101
AAC Reid	white	39.9	31.7	63	124	2.2	3.7	3.5	92
AAC Captain	white	37.9	25.9	64	115	1.5	3.8	2.8	97
AAC Basil	white	38.3	30.7	60	105	4.5	3.7	3.3	127
Annie	white	39.1	29.7	62	119	5.0	1.8	4.0	93
Trinity	white	38.8	31.6	62	115	4.0	3.7	3.5	83
Means		39.6	30.1	61	112	3.9	3.7	3.6	8.79 t/ha
Locations		3.0	3.0	2	2	2.0	3.0	2.0	1

[1]See Head to Head comparisons on GoCrops.ca website for multi-year data for trait characteristics.

[2] For ratings 0-9, a high score is undesirable. Disease ratings are taken from naturally occurring infection.

PBR Status; indicates varieties protected under PBR 91 or pbr78. Visit pbrfacts.ca to learn more.

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Ontario Cereal Crop Performance Trials 2025

Table 3f - Oat Cumulative Yield Index[1] Area 3 Fungicide Applied

Hull Colour	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2025 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	RC Amaze	89[2]	120	92	124	97	117	99	124	95	98
	Avatar	70	95	65	91	73	93	65	85	93	103
	AAC Chandler									94	104
	AAC Reid	111	121	111	123	111	115	113	120	95	97
	Alise	77	100	71	97	75	92	69	89	92	99
	AAC Captain	109	119	109	119	107	112	109	115	99	94
	AAC Wallace							84	97	103	105
	Annie					120	131	127	140	106	109
	Trinity					98	105	97	105	102	104
	Iago									100	104
Means (t/ha)		4.67	5.68	4.58	5.63	5.01	5.66	4.49	5.16	6.06	6.29
Means (bu/ac)		123	149	120	148	131	149	118	136	159	165
Location-Years		5		4		3		2		1	

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

[2] Cultivar yield rankings 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 over many years, with some varieties being significantly impacted.

PBR Status; indicates varieties protected under PBR 91 or pbr78s. Visit pbrfacts.ca to learn more.

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Ontario Cereal Crop Committee Performance Trials 2025

Table 3g - Oat Cumulative Lodging Score[1] Area 3 Fungicide Applied

Hull Colour	Variety	5-Year Lodging Score Fungicides		4-Year Lodging Score Fungicides		3-Year Lodging Score Fungicides		2-Year Lodging Score Fungicides		2024 Lodging Score[3] Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	RC Amaze	4.5[2]	2.1	5.3	2.2	6.4	0.6	5.2	0.2	8.0	0.3
	Avatar	6.4	4.2	6.8	4.8	8.6	6.1	8.3	4.7	8.7	8.0
	AAC Reid	2.1	1.5	1.9	1.4	2.6	1.7	1.8	2.3	3.7	4.7
	Alise	2.9	1.9	2.8	2.1	3.7	2.8	1.0	2.7	2.0	5.3
	AAC Captain			3.4	2.1	4.2	2.7	3.8	3.0	7.0	6.0
	AAC Wallace									8.0	8.0
	Annie							2.7	1.7	5.3	3.3
	Trinity							5.2	4.3	8.0	7.7
Means		3.9	2.4	4.2	2.5	5.3	3.0	4.0	2.6	6.9	5.4
Location-Years		5		4		3		2		1	

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

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

[3] 2025 had minimal to no lodging due to drought impact on plant growth.

PBR Status; indicates varieties protected under PBR 91 or pbr78s. Visit pbrfacts.ca to learn more.

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Ontario Cereal Crop Performance Trials 2025
Table 3h - Oat Varietal Characteristics[1] Area 3

Cultivar	Hull Colour	Test Weight (kg/hL)	1000 Kernel Weight (g)	Heading (days)	Maturity (days)	Height (cm)	Crown Rust (0-9)[2]	Straw Yield Index
RC Amaze	white	51.9	32.3	51	82	80	4.7	68
Avatar	white	53.4	30.4	55	84	88	4.0	79
AAC Chandler	white	49.9	29.4	59	86	73	5.0	83
AAC Reid	white	52.3	34.2	56	84	93	3.0	110
Alise	white	48.5	32.7	59	89	95	4.7	111
AAC Captain	white	52.5	30.3	59	85	84	3.0	107
AAC Wallace	white	50.6	33.5	62	87	94	4.0	133
Annie	white	50.2	32.1	55	85	93	3.3	120
Trinity	white	50.1	32.5	55	85	88	3.3	98
Iago	white	51.6	31.3	54	84	90	4.0	91
Means		51.1	31.9	57	85	88	3.9	3.14 t/ha
Locations		2.0	2.0	2	1	2	1.0	1

[1]See Head to Head comparisons on GoCrops.ca website for multi-year data for trait characteristics.

[2] For ratings 0-9, a high score is undesirable. Disease ratings are taken from naturally occurring infection.

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

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Ontario Cereal Crop Performance Trials 2025

Table 3i - Oat Cumulative Yield Index[1] Area 5 Fungicide Applied

Hull Colour	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2025 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	AAC Nicolas	100[2]	105	98	104	95	102	95	102	91	110
	Kalio	100	103	99	101	98	103	95	100	90	97
	AAC Chandler	100	105	101	106	99	105	98	105	99	114
	AAC Zip					99	107	95	107	95	112
	Alise	96	102	96	100	96	102	93	100	88	101
	AAC Loki	102	107	101	105	98	105	100	107	102	114
	Nika	101	105	101	105	98	104	97	106	96	104
	Mistral	99	98	100	101	96	101	96	103	94	104
	AAC Wight			98	103	97	105	95	104	95	103
	Shaka					98	103	98	104	97	109
	Annie					102	105	102	106	105	112
	Trinity					96	105	92	102	87	101
Means (t/ha)		6.64	6.95	6.96	7.30	6.91	7.44	6.68	7.29	6.48	7.32
Means (bu/ac)		174	183	183	192	181	195	175	191	170	192
Location-Years		5		4		3		2		1	

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

[2] Cultivar yield rankings 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 over many years, with some varieties being significantly impacted.

PBR Status; indicates varieties protected under PBR 91 or pbr78s. Visit pbrfacts.ca to learn more.

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Ontario Cereal Crop Committee Performance Trials 2025

Table 3j - Oat Cumulative Lodging Score[1] Area 5 Fungicide Applied

Hull Colour	Variety	5-Year Lodging Score Fungicides		4-Year Lodging Score Fungicides		3-Year Lodging Score Fungicides		2-Year Lodging Score Fungicides		2024 Lodging Score[3] Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	AAC Nicolas	1.2[2]	1.3	1.4	1.3	1.1	1.2	1.7	1.8	0.0	0.0
	Kalio	2.7	2.6	2.3	2.6	2.0	1.8	2.8	2.7	0.0	0.0
	AAC Chandler	2.2	2.0	2.4	2.3	2.2	2.1	3.3	3.2	0.0	0.0
	AAC Zip							2.7	2.8	0.0	0.0
	Alise	1.4	1.4	1.5	1.8	1.6	2.0	2.3	3.0	0.3	0.3
	AAC Loki			1.1	1.0	1.1	1.0	1.7	1.5	0.0	0.0
	Nika			1.9	1.3	2.0	1.4	2.7	2.2	0.3	0.0
	Mistral			2.3	2.3	2.1	2.3	3.2	3.5	0.3	1.7
	AAC Wight					1.9	1.7	2.7	2.5	0.0	0.0
	Shaka							2.2	1.5	0.0	0.0
	Annie							3.2	2.7	0.7	0.3
	Trinity							3.0	2.3	0.0	0.0
Means		2.1	2.0	2.2	2.1	2.2	2.0	2.9	2.8	0.4	0.5
Location-Years		5		4		3		2		1	

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

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

[3] 2025 had minimal to no lodging due to drought impact on plant growth.

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

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Ontario Cereal Crop Performance Trials 2025
Table 3k - Oat Varietal Characteristics[1] Area 5

Cultivar	Hull Colour	Test Weight (kg/hL)	1000 Kernel Weight (g)	Heading (days)	Maturity (days)	Height (cm)	Lodging (0-9)[2]	Straw Yield Index
AAC Nicolas	white	43.8	31.6	59	98	96	0.4	79
Kalio	white	44.4	33.8	55	91	91	4.1	71
AAC Chandler	white	44.2	31.4	60	99	88	2.6	83
AAC Zip	white	44.0	30.3	60	99	88	1.2	115
Alise	white	42.4	33.9	59	100	107	5.4	114
AAC Loki	white	44.3	33.3	57	97	94	3.0	71
Nika	white	47.0	35.2	58	98	97	4.1	108
Mistral	white	45.1	33.9	55	96	96	0.4	122
AAC Wight	white	44.3	35.1	57	98	97	2.0	91
Shaka	white	47.4	32.7	58	100	93	1.2	123
Annie	white	46.1	33.5	57	97	102	3.3	116
Trinity	white	44.2	34.1	57	98	97	4.8	107
Means		44.8	33.2	58	98	95	2.7	5.86 t/ha
Locations		2.0	2.0	2	2	2	1.0	1

[1]See Head to Head comparisons on GoCrops.ca website for multi-year data for trait characteristics.

[2] For ratings 0-9, a high score is undesirable. Disease ratings are taken from naturally occurring infection.

PBR Status; indicates varieties protected under PBR 91 or pbr78. Visit pbrfacts.ca to learn more.

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Ontario Cereal Crop Performance Trials 2025
Table 4a - Spring Wheat Distributors

Class[1]	Variety	Distributor
hrs	Furano	C&M Seeds
	MAJOR	Synagri
	Wilkin	C&M Seeds
	Raven (awned)	C&M Seeds
	Ventry (awned)	SeCan Association
	AAC Synox (awned)	Synagri
	Agora	Semican Inc
	Starlite	Snobelen Farms/Marc Bercier Seed Cleaning
	Arvida	Semican Inc
	Audika	Synagri
	Beloukha (awned)	Semican Inc
	Arkco	Maizex
efs	Kerson (awned)	Maizex
	Jackbo	Marc Bercier Seed Cleaning

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

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

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Ontario Cereal Crop Performance Trials 2025
Table 4b - Spring Barley Distributors

Class[1]	Variety	Distributor
2r	Bornholm	Alliance Agri-Turf/Beatty Seeds/Snobelen Farms
	AAC Synergy	Semican Inc
	Esma	SeCan Association
6r	Dignity	SeCan Association
	OCEANIK	Synagri
	Amberly	Rosebank Seed Farms Ltd.
	DS8126RB	Alliance Agri-Turf/Beatty Seeds/Snobelen Farms
	Rafale	Semican Inc
	Ariber	Marc Bercier Seed Cleaning
	Massy	Snobelen Farms
	AAC Cranbrook	SeCan Association
	Tsunami	Semican Inc
	Waterloo	Synagri
	Orion	Pedigrain
6r hulless	AAC Malcolm	SeCan Association

[1] 2r = 2 Row, 6r = 6 Row

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

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Ontario Cereal Crop Performance Trials 2025
Table 4c - Oat Distributors

Class	Variety	Distributor
hulled	RC Amaze	Rosebank Seed Farms Ltd.
	Avatar	Pedigrain
	AAC Bullet	SeCan Association
	AAC Nicolas	SeCan Association
	Kalio	Maizex
	AAC Chandler	Labonte Seed Ltd.
	AAC Reid	Alliance Agri-Turf
	AAC Zip	Semican Inc
	Alise	Marc Bercier Seed Cleaning
	AAC Captain	SeCan Association
	AAC Wallace	Semican Inc
	AAC Loki	Synagri
	Nika	Maizex
	Mistral	Synagri
	AAC Basil	SeCan Association
	AAC Wight	SeCan Association
	Shaka	Maizex
	Annie	C&M Seeds
	Trinity	C&M Seeds
	Iago	Pedigrain

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

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Table 4d - Distributor Contact Information

Distributor	Address
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 Website: www.beattyseeds.com
C&M Seeds	6180 5th Line, Palmerston, ON, N0G 2P0 Tel: 1-888-733-9432 Fax: 519-343-3792 Website: www.redwheat.com
Labonte Seeds	Box 130, New Liskeard, ON, P0J 1P0 Tel: 1-705-647-3129
Maizex Seeds	4488 Mint Line, Tilbury, ON, N0P 2L0 Tel: 1-877-682-1720 Fax: 1-877-682-2144 Website: www.maizex.com
Marc Bercier Cleaning Inc	251 Caledonia Rd, Saint Isidore, ON, K0C 2B0 Tel: 1-613-524-2981 Website: marcbercier.com
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 www.rosebankseeds.ca
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

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