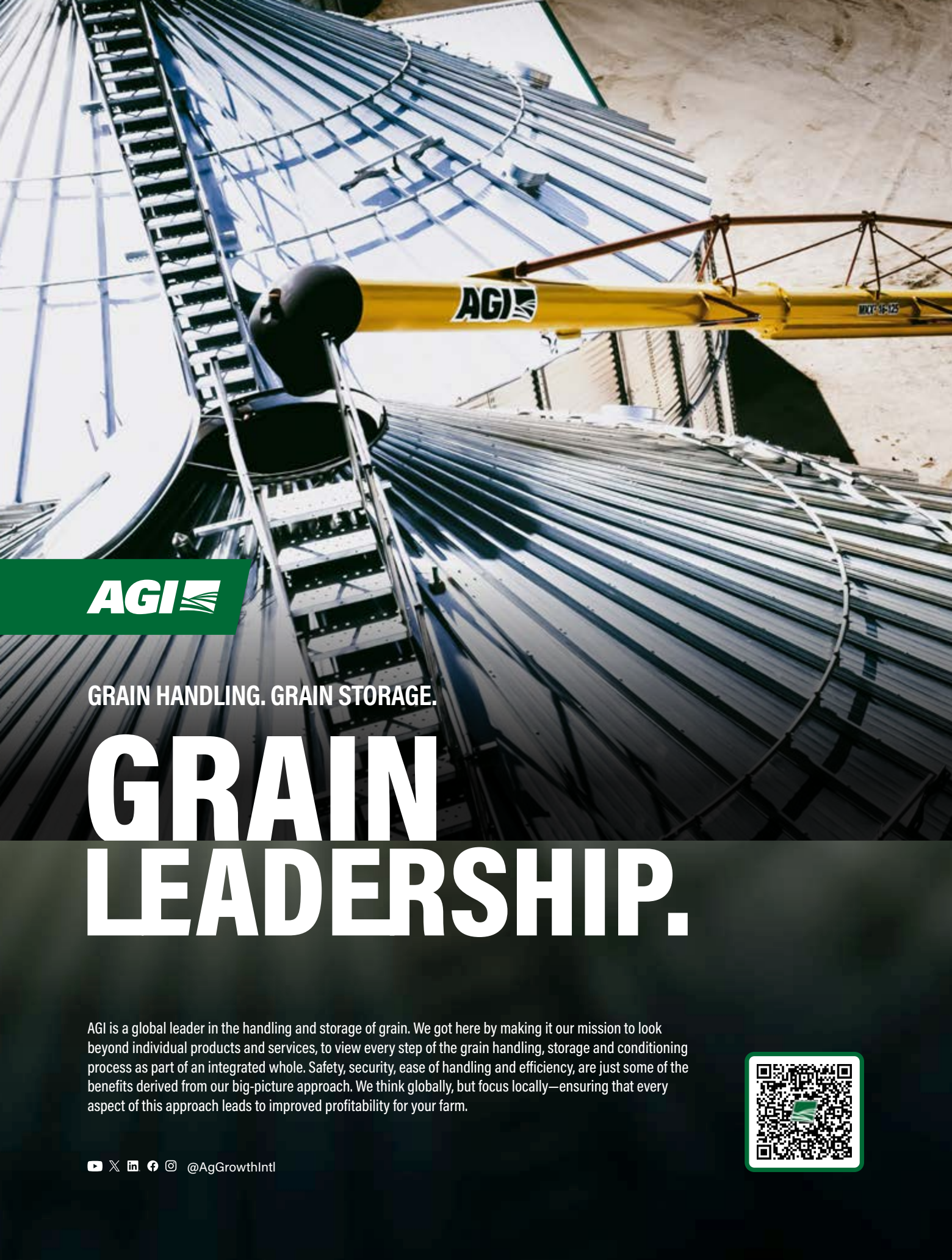




Seed Ontario 2024

**Variety
Performance
Trial Data
& Seed
Source Guide**

www.seedontario.ca



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GRAIN LEADERSHIP.

AGI is a global leader in the handling and storage of grain. We got here by making it our mission to look beyond individual products and services, to view every step of the grain handling, storage and conditioning process as part of an integrated whole. Safety, security, ease of handling and efficiency, are just some of the benefits derived from our big-picture approach. We think globally, but focus locally—ensuring that every aspect of this approach leads to improved profitability for your farm.



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F=Foundation; R=Registered; and C=Certified.)

Crops are sorted alphabetically by town and grower
(or company) name within variety within crop kind.
'®' indicates the variety is protected by Plant
Breeder's Rights, PBR'78 and '®' protected by
PBR'91.



Ontario Corn
Committee



Ontario Pulse Crop
Committee



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Minister's Message



As Ontario's Minister of Agriculture, Food and Rural Affairs, I am pleased to support the distribution of the 2024 Seed Guide by the Ontario Seed Growers' Association.

Ontario's agriculture industry, including the Seed Growers' Association and its membership, work incredibly hard to provide people across the province with high-quality products – and this guide helps to ensure that crop farmers have the information they need to continue being successful in that endeavor.

OSGA's dedication to pedigreed seed development has led to several positive outcomes for the sector. Ontario is hailed as a leader in the field, and for good reason: we have a reputation for developing hardy and resilient varieties, with products that are widely sought after in the world-wide market. I note that the OSGA website indicates that the Ontario pedigreed seed industry employs 15,000 people with a farm-gate value of \$462 million and economic impact of \$985 million. Those figures drive home the fact that the work you do in the fields supports the prosperity of the province as a whole.

Please accept my best wishes for a successful year and for many successful seed growing years to come.

Honourable Lisa M. Thompson
Minister of Agriculture, Food and Rural Affairs

President's Message



Welcome to Seed Ontario. We hope this resource, which highlights performance trial information combined with a directory listing of where to access seed varieties, continues to be part of your crop planning and purchase decisions. Data from all the variety performance trials across the province are peer reviewed and presented here

for your convenience. Using the information found in this publication can assist you in selecting varieties that can help eliminate risk on your farm and improve profitability.

Certified seed offers great value and returns for producers. The blue Certified tag is your seal of quality and your commitment to investing in future varietal development work. To learn more about what is behind the Blue Certified seed tag follow this link: www.choosecertifiedseed.ca

The Certified Blue Tag is the mark of trust and excellence from the Canadian Seed Sector #CHOOSECERTIFIEDSEED

On behalf of the board of the Ontario Seed Growers' Association, I would like to recognize the work of the performance evaluation committees, the many industry collaborators, the sponsors and advertisers for their assistance in making this SeedOntario publication a reality.

Best of success to you in your farming endeavours in 2024.

Andrew Dawson
President, Ontario Seed Growers' Association



THE
BLUE TAG
MEANS
PEACE
OF MIND



#ChooseCertifiedSeed



Seed Tenders



SmoothWall Bins



Stainless Tanks

Visit us online at meridianmfg.com
to see our full line of storage & handling products.



CANADIAN CERTIFIED SEED — CHOOSE QUALITY FROM THE START

Canadian agriculture relies on Certified Seed. Clean, pure seed is the foundation of Canada's reputation as a trusted supplier of high-quality, consistent agricultural products to the world at a time when demand for safe and healthy food is growing.

As a farmer, you understand the importance of starting with high-quality seed to ensure the best possible results. That's why the Canadian seed sector proudly offers Canada's Blue Certified Seed Tag – a symbol of trust and excellence.

WHEN YOU #CHOOSECERTIFIEDSEED, YOU GET WHAT YOU PAID FOR – PURE, CLEAN SEED, VARIETAL PURITY, AND HIGH GERMINATION

A. Behind the Blue Tag

Look for the Blue Certified Seed Tag When Buying Seed

Not just any seed receives the Canadian Food Inspection Agency (CFIA) Blue Certified Seed Tag. It means that seed is Certified as having been grown under stringent, federally regulated requirements and overseen by official CFIA-recognized auditors. Common seed can't make that claim.

THE CERTIFIED BLUE TAG IS THE MARK OF TRUST AND EXCELLENCE FROM THE CANADIAN SEED SECTOR. #CHOOSECERTIFIEDSEED

B. Top Quality

Build on a Foundation of Success

Certified seed is the first thing you put in your field and your foundation for quality food. You can't control the weather, but you can control the seed you plant, and Certified seed gives you the edge. It is the highest quality, most consistent and identity-assured seed available. It delivers predictable, third-party assured quality from farm to fork.

#CHOOSECERTIFIEDSEED FOR THE HIGHEST QUALITY, IDENTITY-ASSURED, THIRD-PARTY VERIFIED SEED TO SET YOU UP FOR SUCCESS.

C. The best value for farmers, processors and manufacturers Traceable, high quality seed for consistent results

Farmers who plant Certified seed can be certain of the quality and variety of that seed and other benefits, including marketing power, risk management tools, and access to new varieties. Sowing Certified seed can be the most cost-effective risk management tool for a farmer's business.

Food processors and end users who produce foods grown from Certified Seed know they are starting with the best ingredients available – a foundation of quality foods and a promise they can market to today's food-savvy consumers. Using Certified seed means a seed grown under controlled management practices to deliver uniform yield, texture, flavour, appearance and consistency. What you plant is precisely what you get.

#CHOOSECERTIFIEDSEED TO OPEN MARKET DOORS AND BUILD CONSUMER CONFIDENCE

D. Identity Assured

The promise of genetic identity, varietal purity, and performance

Identity assurance is critical for farmers. It means the seed is true-to-type or has all the benefits developed by the plant breeder retained as it is multiplied up from the original bag of breeder seed.

WHEN YOU #CHOOSECERTIFIEDSEED, YOU GET ASSURANCES ON YIELD, REGIONAL ADAPTION, AND DISEASE AND INSECT TOLERANCE AND ARE FREE OF WEEDS, COMMON SEED OR OTHER SEED VARIETIES.

E. Innovation

Get the latest genetics, Increased Yields, Improved Standability, Disease Resistance and Pest Tolerance

Certified seed provides the latest innovation, increased yields, and improved disease resistance. It means the assurance of start-

ing with identity-verified ingredient characteristics to ensure consistent, high-quality premium products. Genetic innovation in the seed sector helps address many of the economic, environmental and health issues we face in today's global reality.

WHEN YOU #CHOOSECERTIFIEDSEED, YOU CHOOSE THE MOST VALUABLE AND CUTTING-EDGE CROP TRAITS IN AVAILABLE SEED VARIETIES.

F. Traceability

Fully traceable from Field to Fork

You can only be sure of your product if you know its origins, so food safety and traceability are important considerations. Certified Seed is the key to that knowledge – the seed is carefully controlled under a quality assurance system right from the beginning. Using Certified Seed will allow you to capitalize on traceability measures.

#CHOOSECERTIFIEDSEED AND CONFIDENTLY DELIVER ON SPECIFIC FOOD CHARACTERISTIC PROMISES AND FARM-TO-FORK TRACEABILITY TO YOUR CONSUMERS.

G. Trusted

It all starts with Certified Seed – pure and clean with nothing to hide

Certified Seed is produced by farmers for farmers. Certified Seed growers live among their customers – they are their neighbours. They live and work in the same sector. Those relationships depend on trust. Certified Seed growers offer varieties they trust to deliver on their customers' needs.

#CHOOSECERTIFIED SEED BECAUSE, WHEN IT COMES DOWN TO IT, THE BIG DIFFERENCE IS THE AMOUNT OF DETAIL THAT GOES INTO IT.

Source: www.choosecertifiedseed.ca

Cereal Crops

Cereal Performance Trials are conducted by the Ontario Cereal Crops Committee (OCCC). For more information about the OCCC go to the GoCereals.ca website under “About Us”.

Winter wheat trials are conducted annually at 12 locations across Ontario, spring wheat and barley trials are conducted at 8 locations and oat trials are conducted at 7 locations. For reporting, the trial results are grouped into 4 regions based on their environment. A map showing the testing area and trial locations for each crop can be found on page 9 or at GoCereals.ca under “Performance”.

Each trial consists of three replications for spring cereals and four replications for winter cereals. The trials are managed according to the recommendations of the Ontario Ministry of Agriculture, Food and Rural Affairs. “Intensive” trials refers to trials that receive one or two applications of a foliar fungicide for the control of leaf diseases and/or Fusarium Head Blight. Detailed information about the practices used can be found on GoCereals.ca under “Procedures”.

Trials are inspected by representatives of the OCCC after heading to ensure that they meet OCCC standards.

Yield values reflect the performance of the variety relative to the average of the trials and is referred to as the “Yield Index”. Index values differing by less than 3 within a column may not represent true differences in yield.

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

Abbreviations:

Winter Wheat: sww = soft white winter; srw = soft red winter; hrw = hard red winter; efw = eastern feed winter; eow = (Canada Eastern Other Wheat) = does not meet quality standards for sww, srw or hrw

Spring Wheat: hrs = hard red spring; efs = eastern feed spring; Other = does not meet quality standards for CEHRS; a = awned

Barley: 2R = 2 Rowed, 6R = 6 Rowed

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

Other Ratings:

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

☉ Indicates a variety that is protected by Plant Breeders Rights legislation that complies with UPOV 1978.

☪ Indicates a variety that is protected by, or has been applied for and is pending, Plant Breeders Rights legislation that complies with UPOV 1991.

Ontario Performance Trial Data

AREA MAP



Locations of performance tests by crop:

Oats: Palmerston, Kincardine, Elora, Winchester, New Liskeard, Ottawa, Emo

Barley: Palmerston, Kincardine, Elora, Winchester, New Liskeard, Ottawa, Osgoode, Emo

Spring Wheat: Palmerston, Kincardine, Elora, Winchester, New Liskeard, Casselman, Ottawa, Emo

Winter wheat: Woodslee, Inwood, Palmerston, Elora, Winchester, Moose Creek, Ottawa, Emo, New Liskeard, Ridgetown, Kincardine, Centralia

For more information, go to GoCereals.ca

OATS – AREAS 2, 3 & 5 COMBINED

Cumulative Yield Index¹ Summary

Cultivar	Area 2					Area 3					Area 5				
	5 yr ²	4 yr	3 yr	2 yr	2023	5 yr ²	4 yr	3 yr	2 yr	2023	5 yr ²	4 yr	3 yr	2 yr	2023
Hulled															
RC Amaze	96	98	95	97	91	96	96	96	100	95					
Avatar						86	88	86	81	99					
AAC Bullet	92	94	90	93	89	93	90	90	89	93					95
AAC Richmond											105	104	103	101	100
AAC Oaklin	85	87	83	86	83	90	85	84	83	85	96	94	93	96	94
AAC Nicolas ^⓪											101	104	103	99	97
AAC Banner ^⓪															94
Kalio ^⓪											102	102	105	106	108
AAC Chandler ^⓪											103	103	101	102	99
AAC Reid ^⓪	121	119	116	112	107		116	118	120	107					95
AAC Zip ^⓪															101
Alise							95	94	90	96		100	99	99	102
Orford							106	107	108	104					
AAC Loki ^⓪														102	99
Nika ^⓪														104	104
Mistral														101	102
AAC Basil ^⓪				111	108				115	111					106
AAC Wight ^⓪														102	103
Shaka ^⓪															100
CDC Endure ^⓪										92					99
Means (t/ha)	4.23	4.30	4.63	5.11	4.83	4.16	4.03	4.10	4.03	4.30	5.54	5.51	5.73	6.43	6.18
Means (bu/ac)	111	113	122	134	127	109	106	108	106	113	145	145	151	169	162
Locations	15	12	9	6	3	9	7	6	4	2	10	7	5	3	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 in the past 13 years, with some varieties being significantly impacted.

^⓪ = PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit pbrfacts.ca to learn more.

OATS – AREA 2 & 3 COMBINED

Cumulative Yield Index¹

Hull Colour	Variety	5 Year	4 Year	3 Year	2 Year	2023
white	RC Amaze	96*	97	95	98	93
	AAC Bullet	93	92	90	92	91
	AAC Oaklin	87	86	83	85	84
	AAC ReidⓈ		118	117	115	107
	AAC BasilⓈ				113	109
Means (t/ha)		4.2	4.18	4.36	4.57	4.55
Means (bu/ac)		110	110	115	120	120
Location-Years		24	19	15	10	5

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

* Cultivar yield rankings 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.

Cumulative Yield Index¹ Summary – Intensive Trials

Hull Colour	Variety	5-Year Index		4-Year Index		3-Year Index		2-Year Index		2023 Index	
		Fungicides		Fungicides		Fungicides		Fungicides		Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	RC Amaze	89*	111	91	112	86	111	89	113	87	101
	AAC Bullet	88	108	88	108	83	106	84	106	86	98
	AAC Oaklin	82	103	82	102	77	102	78	103	81	95
	AAC ReidⓈ			108	115	105	115	104	117	100	107
	AAC BasilⓈ							100	121	102	113
Means (t/ha)		4.43	5.24	4.44	5.25	4.80	5.85	5.00	6.16	5.54	6.25
Means (bu/ac)		116	138	117	138	126	154	131	162	145	164
Location-Years		15		12		9		6		3	

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

* Cultivar yield rankings 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.

OATS – AREA 2

Varietal Characteristics¹

Cultivar	Hull Colour	Test Weight (kg/hL)	1000 Kernel Weight(g)	Heading (days)	Maturity (days)	Height (cm)	Crown ² Rust (0-9)	Leaf ² Septoria (0-9)	Straw Yield Index
RC Amaze	white	43.5	35.1	65	106	80	4.3	1.5	96
AAC Bullet	white	45.1	37.4	69	106	89	5.0	1.5	102
AAC Oaklin	white	45.2	36.7	69	106	89	5.7	5.0	99
AAC Reid [Ⓢ]	white	43.5	37.3	71	107	96	2.2	1.0	99
AAC Basil [Ⓢ]	white	41.4	35.4	69	107	85	3.2	2.0	105
Means		43.7	36.4	69	107	88	4.1	2.2	7.75 t/ha
Locations		3	3	3	1	2	2	1	2

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

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

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

Cumulative Yield Index¹ Summary – Intensive Trials

Hull Colour	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2023 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	RC Amaze	91*	111	94	112	88	107	91	108	85	101
	AAC Bullet	89	110	91	110	85	106	87	105	84	97
	AAC Oaklin	83	104	84	104	78	101	81	101	80	94
	AAC Reid [Ⓢ]	108	115	108	114	103	112	100	112	97	108
	AAC Basil [Ⓢ]							101	116	100	113
Means		4.37	5.15	4.42	5.18	4.82	5.77	5.27	6.26	5.26	6.05
Means (bu/ac)		115	135	116	136	127	151	138	164	138	159
Location-Years		10		8		6		4		2	

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

* Cultivar yield rankings 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.

Cumulative Lodging Score¹ Summary – Intensive Trials

Hull Colour	Variety	5-Year Lodging Score Fungicides		4-Year Lodging Score Fungicides		3-Year Lodging Score Fungicides		2-Year Lodging Score Fungicides		2023 Lodging Score Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	RC Amaze	3.7*	0.9	2.6	0.7	1.3	0.1	2.1	0.2	0.3	0.0
	AAC Bullet	4.1	1.2	3.6	1.2	3.0	0.9	3.4	1.2	0.0	0.0
	AAC Oaklin	5.4	1.1	5.1	1.2	4.6	0.9	4.4	1.4	0.0	0.0
	AAC Reid [Ⓢ]	1.9	1.2	2.4	1.5	1.9	1.2	2.8	2.0	0.0	0.7
	AAC Basil [Ⓢ]							1.0	0.9	0.0	0.0
Means		3.9	1.8	3.6	2.1	2.6	1.4	3.2	1.8	0.1	0.3
Location-Years		8		6		5		3		1	

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

* Cultivar lodging rankings 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.

Varietal Characteristics¹

Cultivar	Hull Colour	Test Weight (kg/hL)	1000 Kernel Weight(g)	Heading (days)	Maturity (days)	Height (cm)	Lodging ² (0-9)	Crown ² Rust (0-9)	Straw Yield Index
RC Amaze	white	47.8	31.3	48	77	76	2.3	3.0	88
Avatar	white	50.4	32.6	51	79	78	8.0	4.0	63
AAC Bullet	white	48.9	32.8	52	81	79	0.7	2.7	92
AAC Oaklin	white	47.3	32.8	51	79	79	3.3	4.7	94
AAC Reid [Ⓢ]	white	49.0	33.2	53	83	86	0.0	1.0	155
AAC Zip [Ⓢ]	white	43.5	28.5	56	83	74	1.3	5.0	110
Alise	white	45.5	32.3	56	85	92	0.0	4.0	89
Orford	white	46.7	33.9	56	85	89	0.0	1.7	127
AAC Basil [Ⓢ]	white	46.3	32.5	51	80	79	0.3	1.7	94
CDC Endure [Ⓢ]	white	48.3	35.2	53	81	83	0.0	2.7	89
Means		47.4	32.5	53	81	82	1.6	3.0	3.34 t/ha
Locations		2	2	2	1	2	1	1	1

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

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

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

Cumulative Yield Index¹ Summary – Intensive Trials

Hull Colour	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2023 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	RC Amaze	85*	110	85	112	82	118	86	124	91	102
	Avatar	80	104	80	102	74	102	65	98	90	108
	AAC Bullet	86	104	83	103	81	107	78	110	89	100
	AAC Oaklin	80	102	76	99	74	103	73	106	84	96
	AAC Reid [Ⓢ]			108	117	109	122	110	126	106	105
	AAC Zip [Ⓢ]									91	111
	Alise			86	105	82	108	73	104	86	99
	Orford			98	107	96	109	96	107	98	99
	AAC Basil [Ⓢ]							98	131	106	112
	CDC Endure [Ⓢ]									87	98
Means (t/ha)		4.52	5.37	4.47	5.33	4.77	5.95	4.65	6.02	5.87	6.49
Means (bu/ac)		119	141	117	140	125	156	122	158	154	171
Location-Years		5		4		3		2		1	

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

* 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 in the past 13 years, with some varieties being significantly impacted.

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

OATS – AREA 3 (continued)

Cumulative Lodging Score¹ Summary – Intensive Trials

Hull Colour	Variety	5-Year Lodging Score Fungicides		4-Year Lodging Score Fungicides		3-Year Lodging Score Fungicides		2-Year Lodging Score Fungicides		2023 Lodging Score Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	RC Amaze	4.2*	2.3	3.6	2.6	4.4	2.9	5.7	0.7	2.3	0.0
	Avatar	6.3	3.1	5.8	3.3	6.1	3.8	8.5	5.2	8.0	1.3
	AAC Bullet	3.0	1.8	3.4	2.1	3.7	2.4	4.7	2.0	0.7	0.0
	AAC Oaklin	4.5	2.1	4.3	2.1	4.1	1.8	6.2	2.7	3.3	0.0
	AAC Reid [Ⓢ]			1.8	0.7	1.3	0.3	2.0	0.3	0.0	0.0
	AAC Zip [Ⓢ]									1.3	0.0
	Alise			3.1	1.1	3.0	1.0	4.5	1.5	0.0	0.0
	Orford			3.6	2.7	3.6	2.9	2.8	4.0	0.0	0.0
	AAC Basil [Ⓢ]							4.2	0.2	0.3	0.0
	CDC Endure [Ⓢ]									0.0	0.0
Means		3.5	1.7	3.3	1.8	3.5	1.7	4.6	2.0	1.4	0.2
Location-Years		5		4		3		2		1	

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

* Cultivar lodging rankings 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.

OATS – AREA 5

Varietal Characteristics¹

Cultivar	Hull Colour	Test Weight (kg/hL)	1000 Kernel Weight(g)	Heading (days)	Maturity (days)	Height (cm)	Lodging ² (0-9)	Leaf ² Septoria (0-9)	Straw Yield Index
AAC Bullet	white	45.4	32.1	55	101	92	6.2	3.3	91
AAC Richmond	white	48.1	35.2	59	102	114	4.3	3.7	142
AAC Oaklin	white	46.3	32.0	53	100	95	3.0	3.7	88
AAC Nicolas [Ⓢ]	white	44.1	32.6	59	101	99	2.8	5.3	80
AAC Banner [Ⓢ]	white	43.2	29.7	56	102	95	4.7	5.3	108
Kalio [Ⓢ]	white	44.8	31.6	52	98	97	6.7	3.3	71
AAC Chandler [Ⓢ]	white	46.2	31.8	56	101	86	6.0	4.3	74
AAC Reid [Ⓢ]	white	42.6	30.0	55	100	101	3.2	4.0	138
AAC Zip [Ⓢ]	white	45.7	30.0	58	100	91	5.7	4.3	83
Alise	white	44.7	34.5	60	102	111	2.5	4.7	117
AAC Loki [Ⓢ]	white	44.8	31.8	56	99	102	2.0	5.7	109
Nika [Ⓢ]	white	47.8	33.8	56	101	101	3.5	3.7	104
Mistral	white	44.9	31.3	53	101	96	5.7	3.7	119
AAC Basil [Ⓢ]	white	42.5	29.9	52	98	95	5.7	5.7	87
AAC Wight [Ⓢ]	white	43.6	32.3	56	101	99	2.7	5.0	95
Shaka [Ⓢ]	white	47.5	30.9	56	102	101	5.0	4.3	125
CDC Endure [Ⓢ]	white	45.5	31.2	54	100	100	5.2	5.3	67
Means		45.2	31.8	55	100	98	4.4	4.4	5.88 t/ha
Locations		2		2	2	2	2	1	2

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

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

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

Cumulative Yield Index¹ Summary – Intensive Trials

Hull Colour	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2023 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	AAC Bullet									98*	98
	AAC Richmond	104	103	104	102	104	102	103	99	101	98
	AAC Oaklin	93	96	93	95	93	95	96	96	92	93
	AAC Nicolas☉	103	104	104	108	104	106	100	105	95	103
	AAC Banner☉									89	92
	Kalio☉	102	105	102	106	104	104	104	102	105	109
	AAC Chandler☉	101	104	103	106	102	105	105	108	102	104
	AAC Reid☉									97	98
	AAC Zip☉									105	108
	Alise			97	101	97	103	98	100	102	107
	AAC Loki☉					102	107	102	104	94	103
	Nika☉					104	105	105	105	99	100
	Mistral					101	95	104	99	95	97
	AAC Basil☉							105	104	99	105
	AAC Wight☉							101	103	100	106
	Shaka☉									97	102
CDC Endure☉									94	105	
Means (t/ha)		5.96	6.10	6.13	6.33	6.61	6.76	7.20	7.31	7.26	7.67
Means (bu/ac)		157	160	161	166	173	177	189	192	191	201
Location-Years		5		4		3		2		1	

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

* 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 in the past 13 years, with some varieties being significantly impacted.

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

Cumulative Lodging Score¹ Summary – Intensive Trials

Hull Colour	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2023 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
white	AAC Bullet									5.0*	5.3
	AAC Richmond	3.0	2.5	3.0	2.3	3.2	2.7	3.3	2.8	5.7	5.7
	AAC Oaklin	1.5	1.9	1.9	2.3	2.4	2.6	2.0	2.2	4.0	4.3
	AAC Nicolas☉	1.2	1.3	1.5	1.6	1.9	1.8	1.7	1.8	3.3	3.7
	AAC Banner☉									6.3	6.3
	Kalio☉	2.8	2.7	3.4	3.3	3.1	3.4	3.0	2.7	5.7	5.3
	AAC Chandler☉	2.2	2.0	2.7	2.5	3.2	3.1	3.3	3.2	6.7	6.3
	AAC Reid☉									5.7	5.3
	AAC Zip☉									5.3	5.7
	Alise			1.6	1.7	1.9	2.2	2.2	2.8	4.3	5.7
	AAC Loki☉					1.4	1.3	1.7	1.5	3.3	3.0
	Nika☉					2.4	1.8	2.8	2.2	5.0	4.3
	Mistral					3.0	2.4	3.0	2.7	6.0	5.3
	AAC Basil☉							2.3	2.5	4.7	5.0
	AAC Wight☉							2.8	2.5	5.3	5.0
	Shaka☉									4.3	3.0
CDC Endure☉									5.0	4.7	
Means		2.2	2.1	2.5	2.4	2.8	2.6	3.1	2.8	5.1	4.8
Location-Years		5		4		3		2		1	

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

* Cultivar lodging rankings 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.

SPRING BARLEY – AREAS 2, 3 & 5 COMBINED

Cumulative Yield Index¹ Summary

Cultivar	Area 2					Area 3					Area 5				
	5 yr ²	4 yr	3 yr	2 yr	2023	5 yr ²	4 yr	3 yr	2 yr	2023	5 yr ²	4 yr	3 yr	2 yr	2023
2 Rowed															
Bornholm	101	100	98	97	98	96	95	94	96	88	99	100	100	99	99
AAC Synergy [Ⓞ]		99	101	99	100	94	94	94	92	89	100	100	99	100	101
Esma [Ⓞ]		103	102	104	99		96	94	95	90		105	102	102	96
6 Rowed															
Dignity	101	102	101	99	96	99	98	97	98	97					
OCEANIK						102	101	101	99	100	103	101	103	103	102
Nordbec															81
Amberly	102	102	101	102	102	105	105	105	105	106	104	105	106	106	105
HY 621-6R	100	102	101	100	99	100	100	101	101	97	96	97	98	94	88
Chambly						105	106	107	107	104	102	105	107	107	111
AAC Vitality [Ⓞ]	101	101	101	101	103	107	107	105	104	106	107	106	105	105	102
AAC Montrose [Ⓞ]											98	95	99	99	96
Baden	104	104	102	101	99	107	107	106	106	107	104	105	106	107	109
DS8126RB	110	110	110	109	105	111	113	112	110	109	106	104	104	106	102
Rafale		101	101	100	98	101	101	104	104	101	100	102	101	102	103
Ariber [Ⓞ]				103	105		106	108	108	112		109	107	104	102
Massy [Ⓞ]		101	100	99	101		103	104	100	97				103	106
AAC Cranbrook [Ⓞ]			104	101	98			108	111	113			109	107	107
Tsunami			103	102	102			104	106	105			100	99	100
Means (t/ha)	5.08	5.01	5.33	5.83	5.31	5.18	4.96	5.17	5.43	4.64	5.89	6.20	6.79	6.77	6.57
Means (bu/ac)	94	93	99	109	99	96	92	96	101	86	110	115	126	126	122
Locations	15	12	9	6	3	11	8	7	5	2	9	6	4	3	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 PBR 78. Visit pbrfacts.ca to learn more.

SPRING BARLEY – AREA 2

Varietal Characteristics¹

Cultivar	Class	Test Weight (kg/hL)	1000 Kernel Weight(g)	Height (cm)	Lodging ² (0-9)	Heading (days)	Mildew ² (0-9)	Leaf ² Rust (0-9)	Net ² Blotch (0-9)	Spot ² Blotch (0-9)	Straw Yield Index
Bornholm	2R	68.4	46.2	65	1.7	66	0.0	0.8	0.0	2.8	104
AAC Synergy [Ⓞ]	2R	62.2	43.4	66	0.3	65	1.3	1.3	0.0	1.5	103
Esma [Ⓞ]	2R	60.8	44.3	60	0.3	68	0.5	0.8	0.0	3.8	108
Dignity	6R	61.4	43.7	68	0.0	65	3.3	3.3	0.0	1.5	103
Amberly	6R	62.2	46.5	80	0.5	67	1.0	1.8	0.0	0.3	100
HY 621-6R	6R	60.6	48.6	75	0.8	63	2.0	1.3	0.0	1.8	100
AAC Vitality [Ⓞ]	6R	58.1	43.1	78	3.8	68	2.5	2.5	0.0	2.5	106
Baden	6R	61.3	38.1	59	0.0	66	2.5	1.8	0.0	1.0	91
DS8126RB	6R	61.4	44.0	71	0.7	67	3.3	1.8	0.0	1.5	97
Rafale	6R	63.0	43.3	77	0.0	67	2.0	3.0	0.0	2.0	106
Ariber [Ⓞ]	6R	60.4	46.4	75	0.7	67	0.3	1.0	2.0	2.5	93
Massy [Ⓞ]	6R	61.9	47.2	78	0.3	67	0.8	0.5	1.7	2.8	101
AAC Cranbrook [Ⓞ]	6R	61.8	43.2	71	0.0	67	0.8	1.5	0.0	1.5	90
Tsunami	6R	61.2	45.0	74	0.0	67	3.3	2.0	2.7	1.3	98
Means		61.8	44.5	71	0.7	66	1.7	1.6	0.5	1.9	3.71 t/ha
Locations		3	3	3	2	3	2	2	1	2	2

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

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

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

Varietal Characteristics¹

Cultivar	Class	Test Weight (kg/hL)	1000 Kernel Weight(g)	Height (cm)	Lodging ² (0-9)	Heading (days)	Maturity (days)	Net ² Blotch (0-9)	Straw Yield Index
Bornholm	2R	66.4	43.3	60	0.8	52	75	4.3	121
AAC Synergy [Ⓞ]	2R	61.0	41.7	63	1.7	56	76	3.3	124
Esma [Ⓞ]	2R	61.3	43.1	56	4.0	55	76	5.0	113
Dignity	6R	61.0	40.4	69	1.3	54	78	4.3	96
OCEANIK	6R	59.8	41.7	74	2.0	54	77	3.7	98
Amberly	6R	60.2	43.6	77	0.3	56	85	3.3	91
HY 621-6R	6R	61.1	41.8	68	2.2	49	77	3.3	92
Chambly	6R	58.9	43.3	65	0.8	54	79	3.0	82
AAC Vitality [Ⓞ]	6R	57.2	40.4	70	4.3	56	83	3.0	99
Baden	6R	59.8	35.5	55	0.5	53	77	4.0	92
DS8126RB	6R	60.5	43.2	66	3.0	54	81	3.3	97
Rafale	6R	62.3	40.9	70	1.3	54	79	3.3	98
Ariber [Ⓞ]	6R	59.5	43.0	67	0.8	55	80	3.3	102
Massy [Ⓞ]	6R	60.4	43.0	78	0.3	54	77	4.0	102
AAC Cranbrook [Ⓞ]	6R	59.6	42.0	68	0.8	56	78	3.7	95
Tsunami	6R	60.7	41.4	71	1.0	55	81	5.0	99
Means		60.6	41.8	67	1.6	54	79	3.8	5.29 t/ha
Locations		2	2	2	2	2	1	1	1

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

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

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

Esma Barley

- 2-Row Barley
- ✓ Excellent yield
- ✓ High test weight
- ✓ great disease package
- ✓ mid maturity
- ✓ Limited supply

AAC Reid Oats

- ✓ Top yielding
- ✓ Excellent standability
- ✓ great disease package
- ✓ Excellent crown rust tolerance
- ✓ good straw yield

For information contact: Julia@cribit.com or craig@cribit.com

SPRING BARLEY – AREA 5

Varietal Characteristics¹

Cultivar	Class	Test Weight (kg/hL)	1000 Kernel Weight(g)	Height (cm)	Lodging ² (0-9)	Heading (days)	Maturity (days)	Barley Yellow ² Dwarf Virus (0-9)	Straw Yield Index
Bornholm	2R	62.8	43.7	66	0.5	57	94	4.0	107
AAC Synergy [Ⓞ]	2R	58.7	43.9	74	4.3	57	95	3.0	126
Esma [Ⓞ]	2R	58.4	46.3	65	1.5	57	95	6.0	96
OCEANIK	6R	57.3	43.8	86	2.2	54	91	3.7	108
Nordbec	6R	56.8	36.6	67	0.7	45	83	6.7	41
Amberly	6R	59.3	47.4	92	2.8	53	95	1.7	100
HY 621-6R	6R	57.0	40.3	77	4.8	48	86	2.7	72
Chambly	6R	56.5	45.5	77	1.0	55	96	1.7	99
AAC Vitality [Ⓞ]	6R	55.6	42.4	84	4.2	54	95	2.7	113
AAC Montrose [Ⓞ]	6R	53.5	44.2	83	1.2	52	92	3.7	130
Baden	6R	58.8	38.0	67	0.3	52	92	2.0	91
DS8126RB	6R	57.4	45.2	79	2.3	53	93	2.0	117
Rafale	6R	59.4	43.0	82	0.3	52	93	2.0	97
Ariber [Ⓞ]	6R	57.5	44.8	80	1.8	57	96	1.7	95
Massy [Ⓞ]	6R	59.1	45.8	87	1.5	52	91	3.0	107
AAC Cranbrook [Ⓞ]	6R	58.6	43.4	79	1.7	54	93	2.0	86
Tsunami	6R	57.5	43.5	81	0.5	57	95	2.7	116
Means		57.9	43.4	78	1.9	53	92	3.0	3.58 t/ha
Locations		2	2	2	2	2	2	1	1

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

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

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

SPRING WHEAT – AREAS 2, 3 & 5 COMBINED

Cumulative Yield Index¹ Summary

Cultivar	Class	Area 2					Area 3					Area 5				
		5 yr ²	4 yr	3 yr	2 yr	2023	5 yr ²	4 yr	3 yr	2 yr	2023	5 yr ²	4 yr	3 yr	2 yr	2023
Furano	HRS						97	96	96	101	106	99	98	95	95	94
MAJOR	HRS						101	101	102	103	107	103	101	98	99	103
Fuzion	HRS						97	98	97	98	99	99	99	100	100	100
Wilkin [Ⓞ]	HRS	106	104	102	107	97	99	99	99	100	94	94	95	99	100	100
AAC Scotia [Ⓞ]	HRS-a						103	104	105	105	108	110	111	108	107	107
TOPAZE	HRS-a								89	84	97					
Raven [Ⓞ]	HRS-a	114	113	115	115	115	106	104	104	104	104	108	108	107	110	111
Ventry	HRS-a	102	101	101	101	95	101	100	99	102	96					
AAC Synox [Ⓞ]	HRS-a						101	103	103	103	96	92	94	97	99	96
Agora	HRS							101	100	100	103		99	101	105	103
AAC Harlaka	HRS-a							100	100	101	97		92	96	97	95
Starlite [Ⓞ]	HRS			95	94	94			101	102	100			95	92	94
Arvida [Ⓞ]	HRS								104	102	99			105	103	103
Means (t/ha)		4.58	4.44	4.72	5.09	4.29	4.03	3.93	3.99	4.14	4.19	4.41	4.44	4.59	5.01	5.01
Means (bu/ac)		68	66	70	76	64	60	58	59	62	62	66	66	68	75	74
Locations		15	12	9	6	3	12	9	8	5	2	10	7	5	3	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 PBR 78. Visit pbrfacts.ca to learn more.

Varietal Characteristics¹

Cultivar	Class	Fusarium Data			Test Weight (kg/hL)	Protein (%)	1000 Kernel		Height (cm)	Heading (days)	Maturity (days)	Mildew ³ (0-9)	Leaf ³ Rust (0-9)	Leaf ³ Septoria (0-9)	Straw Yield Index
		Combined ² Fusarium Rating	DON ² Rating	Years			Weight (g)	Lodging ³ (0-9)							
Wilkin [Ⓞ]	HRS	HS	S	6	73.1	14.5	38.9	0.0	84	63	95	0.0	2.3	3.0	91
Raven [Ⓞ]	HRS-a	S	S	6	74.6	15.0	42.9	3.3	89	64	96	0.8	2.3	1.7	105
Ventry	HRS-a	MS	MR	6	75.1	16.4	41.9	1.0	94	63	95	0.2	1.0	3.0	95
Starlite [Ⓞ]	HRS	HS	HS	2	74.6	15.9	40.7	1.3	94	63	95	4.2	1.3	2.0	109
Means					74.3	15.4	41.1	1.4	90	63	95	1.3	1.8	2.4	5.24 t/ha
Locations					3	2	3	1	2	3	1	2	1	1	1

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

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

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

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

Cumulative Yield Index¹ Summary – Intensive Trials

Class	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2023 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
hrs	Wilkin [Ⓞ]	104*	108	103	107	101	105	106	110	97	103
	Raven [Ⓞ] (awned)	113	114	112	112	113	114	114	114	112	112
	Ventry (awned)	97	100	97	99	96	98	97	97	90	93
	Starlite [Ⓞ]					95	97	94	95	96	98
Means (t/ha)		4.39	4.61	4.27	4.42	4.52	4.68	4.66	4.74	4.35	4.48
Means (bu/ac)		65	69	64	66	67	70	69	71	65	67
Location-Years		10		8		6		4		2	

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

* Cultivar yield rankings 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.

SPRING WHEAT — AREA 3

Varietal Characteristics¹

Variety	Class	Fusarium Data			Test Weight (kg/hL)	Protein (%)	1000 Kernel Weight (g)	Lodging ³ (0-9)	Height (cm)	Heading (days)	Maturity (days)	Leaf ³ Rust (0-9)	Leaf ³ Septoria (0-9)	Straw Yield Index
		Combined ² Fusarium Rating	DON ² Rating	Years										
Furano	HRS	MS	MS	6	74.1	13.1	35.4	2.3	86	51	87	2.0	3.7	98
MAJOR	HRS	MR	MS	6	74.9	13.2	36.3	2.0	87	52	87	0.0	2.0	98
Fuzion	HRS	MS	MS	6	75.5	13.6	35.5	8.3	77	47	80	1.0	3.0	100
Wilkin [Ⓞ]	HRS	HS	S	6	74.0	13.6	31.6	0.0	74	46	82	1.3	3.7	81
AAC Scotia [Ⓞ]	HRS-a	MS	MS	6	75.2	12.7	38.5	9.0	80	49	82	1.7	4.0	99
TOPAZE	HRS-a	S	S	6	72.9	13.6	32.2	0.0	89	53	86	3.0	3.0	119
Raven [Ⓞ]	HRS-a	S	S	6	75.7	13.1	37.6	0.7	78	48	83	3.0	2.7	99
Ventry	HRS-a	MS	MR	6	75.9	14.7	37.4	0.3	81	46	78	1.3	2.7	94
AAC Synox [Ⓞ]	HRS-a	MR	MR	5	78.5	14.5	32.9	3.3	78	48	78	1.3	4.3	93
Agora	HRS	MS	S	3	75.7	14.3	35.9	4.3	83	47	84	1.3	3.7	104
AAC Harlaka	HRS-a	MS	MS	3	75.7	15.0	34.5	0.7	82	47	78	0.0	4.0	109
Starlite [Ⓞ]	HRS	HS	HS	2	75.7	14.2	36.7	2.0	83	48	79	1.3	2.7	100
Arvida [Ⓞ]	HRS	MR	MR	1	76.7	13.7	35.5	0.3	83	46	78	3.0	2.7	107
Means					75.4	13.8	35.4	2.6	82	48	81	1.6	3.2	7.12 t/ha
Locations					2	2	2	1	2	2	1	1	1	1

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

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

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

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

Cumulative Yield Index¹ Summary – Intensive Trials

Class	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2023 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
hrs	Furano	104*	108	104	109	105	112	109	114	109	110
	MAJOR	101	103	99	102	102	104	105	105	111	109
	Fuzion	95	98	96	98	94	97	93	95	97	95
	Wilkin [Ⓞ]	95	100	95	100	94	100	96	100	94	92
	AAC Scotia [Ⓞ] (awned)	99	105	99	106	100	108	102	107	106	105
	TOPAZE (awned)					88	99	86	99	104	101
	Raven [Ⓞ] (awned)	102	104	101	103	100	102	98	102	104	101
	Ventry (awned)	94	96	96	98	93	96	94	96	91	93
	AAC Synox [Ⓞ] (awned)	100	104	101	105	100	105	103	106	101	104
	Agora			98	102	96	100	95	98	104	102
	AAC Harlaka (awned)			99	101	99	102	101	103	96	98
	Starlite [Ⓞ]					93	96	92	93	94	91
	Arvida [Ⓞ]					102	106	104	110	101	101
Means (t/ha)		4.94	5.20	4.69	4.96	5.11	5.45	4.89	5.14	5.09	5.04
Means (bu/ac)		74	77	70	74	76	81	73	76	76	75
Location-Years		5		4		3		2		1	

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

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

Varietal Characteristics¹

Variety	Class	Fusarium Data			Test Weight (kg/hL)	Protein (%)	1000 Kernel Weight (g)	Lodging ³ (0-9)	Height (cm)	Heading (days)	Maturity (days)	Leaf ³ Rust (0-9)	Leaf ³ Septoria (0-9)	Straw Yield Index
		Combined ² Fusarium Rating	DON ² Rating	Years										
Furano	HRS	MS	MS	6	75.7	13.3	34.9	2.8	98	56	105	0.0	3.3	86
MAJOR	HRS	MR	MS	6	74.4	13.4	36.2	3.5	99	56	105	0.0	1.3	115
Fuzion	HRS	MS	MS	6	73.1	14.0	36.0	3.8	100	55	101	0.0	2.7	92
Wilkin [Ⓞ]	HRS	HS	S	6	72.7	13.3	31.5	0.0	79	52	98	0.0	3.0	96
AAC Scotia [Ⓞ]	HRS-a	MS	MS	6	73.3	13.1	39.7	3.5	101	55	100	0.0	2.7	95
Raven [Ⓞ]	HRS-a	S	S	6	74.7	13.1	36.9	1.7	88	53	100	0.0	1.7	106
AAC Synox [Ⓞ]	HRS-a	MR	MR	5	76.3	15.1	31.2	2.3	92	53	99	0.0	2.0	103
Agora	HRS	MS	S	3	75.3	14.5	34.2	2.0	96	52	101	0.0	3.7	107
AAC Harlaka	HRS-a	MS	MS	3	74.8	15.8	34.2	1.3	90	51	97	0.0	2.7	93
Starlite [Ⓞ]	HRS	HS	HS	2	75.2	14.7	36.5	0.7	95	52	96	0.0	1.3	106
Arvida [Ⓞ]	HRS	MR	MR	1	75.9	13.7	36.5	0.7	100	51	96	3.3	3.0	101
Means					74.7	14.0	35.3	2.0	94	53	100	0.3	2.5	4.50 t/ha
Locations					2	1	2	2	2	2	2	1	1	1

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

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

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

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



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SPRING WHEAT – AREA 5 (continued)

Cumulative Yield Index¹ Summary – Intensive Trials

Class	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2023 Index Fungicides		
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	
hrs	Furano	93*	104	90	104	87	103	90	103	89	107	
	MAJOR	101	104	98	105	94	102	97	103	107	108	
	Fuzion	93	100	91	99	91	101	93	100	91	90	
	Wilkin [Ⓢ]	92	99	92	100	97	107	98	108	102	108	
	AAC Scotia [Ⓢ] (awned)	110	118	109	121	105	119	104	112	105	108	
	Raven [Ⓢ] (awned)	106	107	105	108	104	109	110	113	118	120	
	AAC Synox [Ⓢ] (awned)	93	93	95	96	96	100	98	100	96	100	
	Agora			94	99	97	102	99	105	96	99	
	AAC Harlaka (awned)			89	95	92	100	94	101	94	101	
	Starlite [Ⓢ]					91	99	86	97	87	97	
	Arvida [Ⓢ]					102	110	98	107	100	101	
	Means (t/ha)		4.67	4.9	4.83	5.19	5.18	5.68	5.57	6.04	6.13	6.39
	Means (bu/ac)		70	73	72	77	77	84	83	90	91	95
Location-Years			5		4		3		2		1	

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

* Cultivar yield rankings 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.

WINTER WHEAT – AREAS 1 & 2 COMBINED

Cumulative Yield Index¹

Class	Variety	5 year	4 year	3 year	2 year	2023
sww	Ava	98*	99	98	99	99
	25W38 [Ⓢ] (awned)	105	105	105	102	103
srw	Branson [Ⓢ]	98	98	97	97	97
	25R40 [Ⓢ] (awned)	103	103	104	103	102
	Marker	100	100	99	100	101
	UGRC Ring [Ⓢ] (awned)	100	100	98	99	96
	Cruze (awned)	98	98	97	99	98
	B654SRW [Ⓢ]	99	99	98	98	97
	25R61 [Ⓢ] (awned)	100	100	99	101	101
	25R74 [Ⓢ] (awned)	101	101	101	102	101
	Blaze (awned)	103	104	103	103	101
	Hilliard [Ⓢ] (awned)	106	106	108	106	106
	OAC Constellation [Ⓢ] (awned)	102	102	103	102	100
	Swoop [Ⓢ]			101	103	103
	B700SRW (awned)			100	100	98
	OAC Moon [Ⓢ] (awned)			103	103	104
	UGRC Comet [Ⓢ]				98	98
	OAC Virgo [Ⓢ]				104	104
OAC Twilight [Ⓢ]					99	
25R64 (awned)					102	
25R29 (awned)					103	
hrw	PRO 81 [Ⓢ] (awned)	103	103	103	103	104
	Adrianus [Ⓢ] (awned)	105	106	106	104	106
Means (t/ha)		7.08	7.11	7.16	7.57	7.30
Means (bu/ac)		105	106	107	113	109
Location-years		25	24	18	11	7

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

* Cultivar yield rankings 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.

Cumulative Yield Index¹ Summary – Intensive Trials

Class	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2023 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
sww	Ava	95*	101	96	101	95	100	96	101	96	101
	25W38Ⓢ (awned)	103	108	103	108	103	109	101	106	101	108
srw	BransonⓈ	95	101	94	101	94	101	95	99	95	99
	25R40Ⓢ (awned)	100	106	101	105	101	107	101	105	101	105
	Marker	97	103	97	103	96	103	98	104	98	104
	UGRC RingⓈ (awned)	96	102	96	101	95	102	97	103	93	100
	Cruze (awned)	95	103	96	103	95	103	97	103	96	103
	B654SRWⓈ	96	103	95	102	94	102	95	101	94	100
	25R61Ⓢ (awned)	96	104	97	104	97	105	100	105	98	103
	25R74Ⓢ (awned)	98	104	99	104	99	104	99	103	100	102
	Blaze (awned)	101	108	102	108	100	108	100	106	99	106
	HilliardⓈ (awned)Ⓢ	103	107	103	107	104	109	102	106	103	107
	OAC ConstellationⓈ (awned)	99	104	99	104	99	104	99	103	97	101
	UGRC CometⓈ							95	100	95	101
	SwoopⓈ					98	104	100	106	100	108
	B700SRW (awned)					97	106	98	104	95	101
	OAC MoonⓈ (awned)					101	109	101	109	102	110
	OAC TwilightⓈ									94	96
	OAC VirgoⓈ								101	106	101
25R64 (awned)									100	109	
25R29 (awned)									101	108	
hrw	PRO 81Ⓢ (awned)	100	102	100	102	99	101	99	100	100	103
	AdrianusⓈ (awned)	103	106	104	107	103	106	102	105	103	106
Means (t/ha)		6.91	7.38	6.94	7.39	7.10	7.61	7.34	7.78	6.98	7.45
Means (bu/ac)		103	110	103	110	106	113	109	116	104	111
Location-years		17		16		13		8		5	

1 Values differing by less than 3 within a column may not represent true differences in yield.
 * Cultivar yield rankings may vary from year to year. Decisions are 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.

WINTER WHEAT – AREA 1

Varietal Characteristics¹

Class	Variety	Fusarium Data			Test Weight (kg/hL)	Protein (%)	1000 Kernel Weight (g)	Winter Survival (%)	Lodging ³ (0-9)	Height (cm)	Heading Date (JD)	Maturity Date (JD)	Leaf ³ Rust (0-9)
		Combined ² Fusarium Rating	DON ² Rating	Years									
sww	Ava	MS	S	6	72.4	10.4	31.7	94	0.0	94	152	186	0.5
	25W38Ⓢ	S	S	4	71.0	11.2	32.7	93	0.0	77	150	186	3.8
srw	BransonⓈ	S	MS	6	74.7	11.0	34.4	91	1.4	80	148	184	0.0
	25R40Ⓢ	S	S	6	73.9	10.7	35.3	91	0.3	75	150	185	2.0
	Marker	S	MS	6	74.8	11.1	34.0	95	1.6	82	148	185	0.0
	UGRC RingⓈ	MS	MS	6	73.9	11.1	35.6	91	0.6	89	150	185	0.0
	Cruze	MS	MS	6	75.2	11.4	32.0	94	0.4	79	150	187	1.0
	B654SRWⓈ	S	MS	6	74.3	10.3	34.2	97	1.4	89	150	184	0.0
	25R61Ⓢ	MS	MS	6	74.2	11.1	32.9	98	0.5	89	150	185	2.8
	25R74Ⓢ	MS	MS	6	74.0	11.9	29.2	95	0.4	76	149	185	0.0
	Blaze	MS	MS	5	74.1	11.6	35.6	98	0.5	84	151	185	0.0
	HilliardⓈ	MS	S	4	74.1	11.2	32.8	98	0.1	82	148	186	0.0
	OAC ConstellationⓈ	S	S	3	75.6	11.3	35.0	93	0.5	79	149	184	1.0
	UGRC CometⓈ	MS	MS	3	73.5	11.1	34.9	91	0.1	81	150	185	0.0
	SwoopⓈ	MS	MS	2	75.0	10.6	34.3	97	1.0	90	150	184	0.0
	B700SRW	MR	MR	2	74.8	11.5	33.7	98	0.4	79	149	185	0.0
	OAC MoonⓈ	MS	S	2	73.3	11.2	28.9	98	0.6	82	148	185	0.0
	OAC TwilightⓈ	—	—	—	75.4	11.4	35.7	95	1.6	91	147	184	0.0
	OAC VirgoⓈ	S	MS	1	75.7	10.6	34.6	96	0.5	84	150	185	0.0
25R64	—	—	—	72.0	10.8	31.7	91	0.0	78	152	185	0.0	
25R29	—	—	—	74.3	10.9	34.5	94	0.0	83	151	186	1.3	
hrw	PRO 81Ⓢ	MS	MS	5	77.9	12.9	35.9	98	0.0	93	151	186	0.0
	AdrianusⓈ	S	HS	4	76.7	12.7	44.0	97	0.0	88	153	187	0.0
Means					74.4	11.2	34.1	95	0.5	84	150	185	0.5
Locations					3	3	3	3	2	3	3	2	1

1 See 'Head to Head' comparisons on GoCereals.ca website for multi-year data for trait characteristics.
 2 MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst).
 3 For ratings 0-9, a high score is undesirable.
 Ⓢ = PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit pbrfacts.ca to learn more.

WINTER WHEAT – AREA 1 (continued)

Cumulative Yield Index¹

Class	Variety	4 year	3 year	2 year	2023
sww	Ava	96*	95	97	98
	25W38Ⓢ (awned)	106	107	105	105
srw	BransonⓈ	97	97	97	98
	25R40Ⓢ (awned)	103	103	102	103
	Marker	99	98	99	99
	UGRC RingⓈ (awned)	100	99	100	96
	Cruze (awned)	99	99	102	100
	B654SRWⓈ	98	96	96	97
	25R61Ⓢ (awned)Ⓢ	102	102	104	104
	25R74Ⓢ (awned)Ⓢ	103	102	101	102
	Blaze (awned)	105	103	103	103
	HilliardⓈ (awned)	104	106	103	104
	OAC ConstellationⓈ (awned)	100	101	98	96
	SwoopⓈ		98	99	100
	B700SRW (awned)		103	103	100
	OAC MoonⓈ (awned)		104	103	105
	UGRC CometⓈ			97	98
	OAC VirgoⓈ			103	102
OAC TwilightⓈ				94	
25R64 (awned)				107	
25R29 (awned)				105	
hrw	PRO 81Ⓢ (awned)	102	101	101	103
	AdrianusⓈ (awned)	106	106	104	105
Means (t/ha)		6.98	7.18	7.37	7.14
Means (bu/ac)		104	107	110	106
Location-Years		11	8	5	3

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

* Cultivar yield rankings 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.

Cumulative Yield Index¹ Summary – Intensive Trials

Class	Variety	4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2023 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes
sww	Ava	95*	97	93	96	96	98	97	98
	25W38Ⓢ (awned)	105	108	105	110	105	107	104	109
srw	BransonⓈ	96	99	95	99	96	98	97	98
	25R40Ⓢ (awned)	102	105	102	105	101	102	102	103
	Marker	97	100	97	100	98	102	98	102
	UGRC RingⓈ (awned)	98	100	97	101	99	101	95	98
	Cruze (awned)	98	103	97	102	101	104	100	103
	B654SRWⓈ	96	99	95	98	95	96	96	96
	25R61Ⓢ (awned)	100	103	101	104	104	104	104	101
	25R74Ⓢ (awned)	101	104	101	103	100	101	101	100
	Blaze (awned)	104	107	101	106	103	105	102	105
	HilliardⓈ (awned)	103	106	104	107	102	104	103	105
	OAC ConstellationⓈ (awned)	99	102	99	103	97	99	95	96
	UGRC CometⓈ					96	100	97	100
	SwoopⓈ			97	101	99	102	100	104
	B700SRW (awned)			101	106	102	103	99	101
	OAC MoonⓈ (awned)			103	107	103	106	105	107
	OAC TwilightⓈ							93	90
OAC VirgoⓈ					102	104	101	102	
25R64 (awned)							106	110	
25R29 (awned)							105	108	
hrw	PRO 81Ⓢ (awned)	101	100	100	99	100	98	102	101
	AdrianusⓈ (awned)	106	108	105	107	103	105	104	106
Means (t/ha)		6.94	7.17	7.18	7.44	7.37	7.53	7.14	7.29
Means (bu/ac)		103	107	107	111	110	112	106	108
Location-Years		10		8		5		3	

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

* Cultivar yield rankings 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.

Varietal Characteristics¹

Class	Variety	Fusarium Data			Test Weight (kg/hL)	Protein (%)	1000 Kernel Weight (g)	Lodging ³ (0-9)	Height (cm)	Heading Date (JD)	Powdery ³ Mildew (0-9)	Leaf ³ Rust (0-9)	Stripe ³ Rust (0-9)	Straw Yield Index	
		Combined ² Fusarium Rating		DON ² Rating											Years
		Fusarium Rating	DON ² Rating												
sww	Ava	MS	S	6	73.7	10.8	35.3	1.6	98	156	4.1	3.0	3.3	108	
	25W38 ^⓪	S	S	4	73.4	11.7	35.6	0.0	71	155	1.0	2.3	0.0	100	
srw	Branson ^⓪	S	MS	6	74.1	11.6	33.4	0.0	77	154	3.6	3.8	2.0	95	
	25R40 ^⓪	S	S	6	74.9	11.1	37.7	0.0	70	156	1.9	1.5	2.8	96	
	Marker	S	MS	6	74.3	11.3	33.1	0.0	80	154	4.2	3.3	1.8	90	
	UGRC Ring ^⓪	MS	MS	6	74.5	11.4	38.2	0.3	85	155	4.6	2.8	3.0	90	
	UGRC C2-5	MS	MS	3	72.6	10.8	38.0	2.8	94	158	3.8	2.3	5.5	114	
	Cruze	MS	MS	6	75.8	11.6	32.8	0.3	76	155	4.8	4.0	3.3	94	
	UGRC GL164	HS	S	4	75.5	11.1	29.0	0.8	78	155	3.4	1.0	4.0	99	
	B654SRW ^⓪	S	MS	6	73.5	10.7	34.5	0.7	89	155	5.4	2.5	1.0	94	
	25R61 ^⓪	MS	MS	6	74.5	11.5	31.6	0.1	85	155	5.0	1.3	4.8	93	
	25R74 ^⓪	MS	MS	6	75.1	11.4	29.9	0.0	72	154	2.4	2.3	1.0	93	
	Blaze	MS	MS	5	74.5	11.4	36.0	0.1	83	156	3.5	3.8	0.0	94	
	Hilliard ^⓪	MS	S	4	74.3	11.3	33.5	0.3	81	155	1.3	2.8	0.0	110	
	OAC Constellation ^⓪	S	S	3	75.7	11.3	34.3	0.1	79	154	1.7	0.8	0.5	106	
	UGRC Comet ^⓪	MS	MS	3	73.8	11.7	33.4	0.0	77	154	3.8	3.3	0.8	89	
	Swoop ^⓪	MS	MS	2	75.0	10.7	34.2	1.8	89	156	4.1	3.0	0.5	107	
	B700SRW	MR	MR	2	74.0	11.4	33.4	0.0	75	155	5.5	3.0	4.3	89	
	OAC Moon ^⓪	MS	S	2	73.5	11.4	27.7	0.0	79	154	4.5	4.0	1.0	100	
	OAC Twilight ^⓪	—	—	—	75.5	10.9	35.1	0.5	88	153	3.8	2.0	3.8	104	
	OAC Virgo ^⓪	S	MS	1	76.3	11.0	37.1	0.1	83	155	2.9	4.3	0.5	87	
	25R64	—	—	—	71.3	11.1	31.7	0.0	75	157	4.4	2.0	0.5	94	
25R29	—	—	—	74.6	11.0	37.1	0.0	78	157	5.2	2.8	3.3	94		
hrw	PRO 81 ^⓪	MS	MS	5	79.3	13.0	36.2	1.1	93	155	0.9	2.3	0.0	111	
	Adrianus ^⓪	S	HS	4	77.1	12.3	43.6	0.3	88	158	0.7	1.0	0.5	135	
	Hudson	—	—	—	77.5	12.5	42.0	3.1	102	156	1.8	2.0	2.0	115	
Means					74.8	11.4	34.8	0.5	83	155	3.4	2.6	1.9	4.30t/ha	
Locations					4	3	4	3	4	4	3	1	1	1	

1 See 'Head to Head' comparisons on GoCereals.ca website for multi-year data for trait characteristics.

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

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

^⓪ = PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit pbrfacts.ca to learn more.

2023 VARIETIES SELECTED

Variety

Variety

Variety

Seeding date:

Harvest date:

Yield:

2023: TOP PICKS

WINTER WHEAT – AREA 2 (continued)

Cumulative Yield Index¹

Class	Variety	5 year	4 year	3 year	2 year	2023
sww	Ava	100*	100	100	100	101
	25W38Ⓢ (awned)	103	103	103	99	101
srw	BransonⓈ	99	98	98	97	97
	25R40Ⓢ (awned)	103	103	104	104	102
	Marker	101	101	100	101	102
	UGRC RingⓈ (awned)	100	101	98	99	97
	Cruze (awned)	97	97	96	97	96
	B654SRWⓈ	100	99	99	100	98
	25R61Ⓢ (awned)	98	98	96	99	98
	25R74Ⓢ (awned)	99	99	100	102	101
	Blaze (awned)	103	103	102	102	100
	HilliardⓈ (awned)	108	108	110	109	108
	OAC ConstellationⓈ (awned)	104	104	104	106	104
	UGRC C2-5			98	98	101
	UGRC GL164			102	103	103
	SwoopⓈ			104	105	105
	B700SRW (awned)			98	98	96
	OAC MoonⓈ (awned)			102	103	102
	UGRC CometⓈ				99	98
OAC VirgoⓈ				104	105	
OAC TwilightⓈ					103	
25R64 (awned)					98	
25R29 (awned)					101	
hrw	PRO 81Ⓢ (awned)	104	104	105	104	104
	AdrianusⓈ (awned)	105	105	105	105	107
	Hudson					97
Means (t/ha)		7.15	7.21	7.15	7.72	7.40
Means (bu/ac)		106	107	106	115	110
Location-Years		14	13	10	6	4

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

* Cultivar yield rankings 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.

Cumulative Yield Index¹ Summary – Intensive Trials

Class	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2023 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
sww	Ava	96*	106	97	106	97	106	97	105	96	105
	25W38Ⓢ (awned)	100	108	99	109	99	109	95	105	96	107
srw	BransonⓈ	94	104	92	103	92	104	92	101	91	100
	25R40Ⓢ (awned)	98	107	99	106	100	109	101	110	98	108
	Marker	97	107	98	107	96	107	98	107	97	107
	UGRC RingⓈ (awned)	93	104	93	103	92	103	94	105	92	104
	UGRC C2-5					96	106	95	107	98	111
	Cruze (awned)	92	104	91	103	91	103	91	102	90	102
	UGRC GL164					100	106	101	108	103	111
	B654SRWⓈ	97	110	95	109	94	109	94	108	90	106
	25R61Ⓢ (awned)	91	106	92	106	90	106	93	107	90	106
	25R74Ⓢ (awned)	94	104	94	104	95	105	98	106	98	106
	Blaze (awned)	98	110	98	111	97	111	96	108	93	107
	HilliardⓈ (awned)	103	109	103	109	104	111	103	110	103	110
	OAC ConstellationⓈ (awned)	99	106	99	106	99	107	101	109	101	108
	UGRC CometⓈ							94	102	93	101
	SwoopⓈ					101	110	102	114	101	114
	B700SRW (awned)					91	106	92	105	90	102
	OAC MoonⓈ (awned)					97	110	100	112	99	114
OAC TwilightⓈ									97	106	
OAC VirgoⓈ							100	109	100	110	
25R64 (awned)									90	109	
25R29 (awned)									95	109	
hrw	PRO 81Ⓢ (awned)	99	103	99	104	98	104	96	103	96	105
	AdrianusⓈ (awned)	100	104	101	105	100	105	100	105	101	106
	Hudson									95	100
Means (t/ha)		6.87	7.64	6.95	7.72	6.99	7.84	7.29	8.14	6.76	7.67
Means (bu/ac)		102	114	103	115	104	117	108	121	101	114
Location-Years		7		6		5		3		2	

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

* Cultivar yield rankings 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.

Varietal Characteristics¹

Class	Variety	Fusarium Data			Test Weight (kg/hL)	Protein (%)	1000 Kernel Weight (g)	Winter Survival (%)	Lodging ³ (0-9)	Height (cm)	Heading Date (JD)	Maturity Date (JD)	Powdery ³ Mildew (0-9)	Straw Yield Index
		Combined ² Fusarium Rating	DON ² Rating	Years										
srw	Branson☉	S	MS	6	78.1	11.4	34.7	83	1.7	79	155	188	1.0	96
	25R40☉	S	S	6	78.3	11.0	39.0	92	0.4	72	156	190	0.3	101
	Marker	S	MS	6	78.0	11.3	34.1	94	2.6	78	155	187	1.3	85
	UGRC Ring☉	MS	MS	6	77.3	11.7	39.2	63	0.8	81	157	191	2.8	79
	UGRC C2-5	MS	MS	3	75.0	11.2	42.4	80	1.3	89	160	191	0.3	118
	UGRC GL164	HS	S	4	79.5	11.0	31.4	80	0.7	81	155	190	0.7	94
	B654SRW☉	S	MS	6	77.7	10.8	37.8	81	2.3	86	156	188	2.5	114
	25R61☉	MS	MS	6	77.5	11.2	33.7	91	0.8	82	156	187	1.0	99
	25R74☉	MS	MS	6	78.1	11.4	30.5	88	0.0	70	155	189	0.2	92
	Blaze	MS	MS	5	77.3	11.4	37.6	87	0.3	82	157	189	0.5	95
	Hilliard☉	MS	S	4	77.4	11.3	35.0	80	0.2	77	157	190	0.2	100
	OAC Constellation☉	S	S	3	78.4	11.1	36.5	84	0.3	75	156	188	0.0	102
	UGRC Comet☉	MS	MS	3	78.0	11.6	33.6	83	0.8	79	154	188	0.8	85
	Swoop☉	MS	MS	2	77.1	10.5	35.5	80	1.8	84	156	189	1.8	107
	B700SRW	MR	MR	2	78.9	11.2	36.4	84	0.7	76	155	189	1.8	88
	OAC Moon☉	MS	S	2	76.8	11.2	29.9	87	0.1	78	154	190	1.7	99
	OAC Virgo☉	S	MS	1	78.5	10.8	35.2	90	0.9	80	155	188	0.5	108
	25R64	—	—	—	75.4	10.8	34.3	87	0.0	71	158	191	0.2	99
	25R29	—	—	—	77.8	11.0	38.1	84	0.2	75	158	191	1.0	79
	hrw	PRO 81☉	MS	MS	5	81.4	12.9	35.6	86	0.3	82	158	190	0.0
Adrianus☉		S	HS	4	78.1	12.0	42.7	83	0.8	77	160	192	0.2	111
Hudson		—	—	—	80.7	12.7	42.8	84	0.4	91	157	187	0.2	127
Means					78.0	11.3	36.2	84	0.8	79	156	189	0.9	5.42t/ha
Locations					3	3	3	2	3	2	3	2	2	1

1 See 'Head to Head' comparisons on GoCereals.ca website for multi-year data for trait characteristics.
 2 MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst).
 3 For ratings 0-9, a high score is undesirable.
 ☉☉ = PBR Status; indicates varieties protected under PBR 91 or PBR78. Visit pbrfacts.ca to learn more.

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WINTER WHEAT – AREA 3 (continued)

Cumulative Yield Index¹

Class	Variety	4 year	3 year	2 year	2023
srw	Branson☉	101*	100	100	102
	25R40☉ (awned)	105	105	107	109
	Marker	97	97	96	101
	UGRC Ring☉ (awned)	99	98	95	92
	UGRC C2-5	100	100	98	101
	UGRC GL164	100	99	99	101
	B654SRW☉	101	100	100	100
	25R61☉ (awned)	103	103	103	102
	25R74☉ (awned)	101	101	102	101
	Blaze (awned)	101	101	101	101
	OAC Constellation☉ (awned)	99	100	99	100
	Swoop☉		102	103	101
	Hilliard☉ (awned)			100	99
	UGRC Comet☉			100	100
	OAC Moon☉ (awned)			103	103
	OAC Virgo☉			102	100
	B700SRW (awned)				101
	25R64 (awned)				102
	25R29 (awned)				102
	hrw	PRO 81☉ (awned)	98	99	99
Adrianus☉ (awned)		99	100	98	93
Hudson					96
Means (t/ha)		7.94	8.28	8.42	8.42
Means (bu/ac)		118	123	125	125
Location-Years		10	9	6	3

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

* Cultivar yield rankings may vary from year to year. Decisions are 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.

Cumulative Yield Index¹ Summary – Intensive Trials

Class	Variety	4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2023 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes
srw	Branson☉	100*	110	96	110	93	113	98	110
	25R40☉ (awned)	105	109	105	111	106	114	109	107
	Marker	91	101	89	102	84	104	96	105
	UGRC Ring☉ (awned)	99	107	93	104	88	103	90	102
	UGRC C2-5	95	103	93	104	89	105	95	104
	UGRC GL164	98	103	97	105	95	105	100	102
	B654SRW☉	96	107	91	105	90	109	93	106
	25R61☉ (awned)	102	109	102	112	101	114	98	104
	25R74☉ (awned)	97	104	96	106	94	107	98	111
	Blaze (awned)	99	103	97	105	95	108	99	110
	Hilliard☉ (awned)					91	104	95	106
	OAC Constellation☉ (awned)	94	103	93	107	90	109	96	109
	UGRC Comet☉					91	110	93	109
	Swoop☉			98	107	95	110	96	106
	B700SRW (awned)							96	109
	OAC Moon☉ (awned)					97	112	99	113
OAC Virgo☉					98	111	95	104	
25R64 (awned)							95	109	
25R29 (awned)							99	114	
hrw	PRO 81☉ (awned)	92	99	91	100	87	100	79	91
	Adrianus☉ (awned)	92	95	91	97	87	96	80	91
	Hudson							92	98
Means (t/ha)		6.80	7.36	7.32	8.22	7.57	8.79	8.37	9.39
Means (bu/ac)		101	109	109	122	113	131	125	140
Location-Years		4		3		2		1	

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

* Cultivar yield rankings may vary from year to year. Decisions are 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.

Varietal Characteristics¹

Class	Variety	Fusarium Data			Test Weight (kg/hL)	Protein %	1000 Kernel Weight (g)	Winter Survival (%)	Lodging ³ (0-9)	Height (cm)	Heading Date (JD)	Maturity Date (JD)	
		Combined ² Fusarium Rating	DON ² Rating	Years									
srw	Branson☉	S	MS	6	75.8	11.0	32.5	97	1.1	86	160	202	
	25R40☉	S	S	6	76.9	10.6	37.5	91	0.5	82	163	204	
	Marker	S	MS	6	76.2	10.9	32.8	97	2.5	85	160	202	
	UGRC C2-5	MS	MS	3	72.6	10.9	36.0	93	5.0	98	166	204	
	UGRC GL164	HS	S	4	76.2	11.0	27.9	76	3.5	84	161	204	
	B654SRW☉	S	MS	6	76.2	10.0	33.7	100	3.4	100	162	204	
	25R61☉	MS	MS	6	76.2	11.1	31.4	92	0.0	90	161	203	
	25R74☉	MS	MS	6	76.4	10.9	29.5	96	0.8	83	160	203	
	Blaze	MS	MS	5	76.9	10.8	37.5	86	0.0	90	162	205	
	Hilliard☉	MS	S	4	76.7	11.0	33.7	86	0.4	86	161	204	
	OAC Constellation☉	S	S	3	77.8	10.8	34.8	98	1.8	86	161	203	
	UGRC Comet☉	MS	MS	3	75.8	11.3	32.2	95	0.5	88	160	203	
	Swoop☉	MS	MS	2	76.5	10.3	34.3	84	3.1	94	164	205	
	B700SRW	MR	MR	2	76.8	10.5	33.2	91	1.1	86	162	204	
	OAC Moon☉	MS	S	2	74.5	11.0	27.4	98	0.4	84	160	204	
	OAC Virgo☉	S	MS	1	77.2	10.5	35.1	93	0.8	87	162	205	
	25R29	—	—	—	75.9	10.3	35.6	99	0.4	87	165	208	
	hrw	PRO 81☉	MS	MS	5	80.4	12.8	34.7	62	0.5	93	164	207
		Adrianus☉	S	HS	4	73.9	12.8	36.0	61	0.0	76	165	208
Hudson		—	—	—	79.3	12.9	41.2	86	3.9	101	162	203	
Means					76.4	11.1	33.9	89	1.5	88	162	204	
Locations					2	1	2	2	2	2	2	2	

1 See 'Head to Head' comparisons on GoCereals.ca website for multi-year data for trait characteristics.

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

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

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

Cumulative Yield Index¹

Class	Variety	4 year	3 year	2 year	2023
srw	Branson☉	102*	103	103	106
	Marker	104	104	103	106
	B654SRW☉	108	109	108	105
	Blaze (awned)	104	105	107	104
	25R40☉ (awned)		108	108	104
	UGRC C2-5		106	101	100
	UGRC GL164		100	97	87
	25R61☉ (awned)		106	107	108
	25R74☉ (awned)		97	99	96
	Swoop☉		104	106	104
	Hilliard☉ (awned)			100	100
	OAC Virgo☉			106	106
	OAC Constellation☉ (awned)				102
	UGRC Comet☉				103
	B700SRW (awned)				109
	OAC Moon☉ (awned)				104
	25R29 (awned)				115
hrw	PRO 81☉ (awned)	95	92	93	89
	Adrianus☉ (awned)	83	77	69	67
	Hudson				91
Means (t/ha)		7.62	7.44	7.79	8.10
Means (bu/ac)		113	111	116	120
Location-Years		8	6	4	2

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

* Cultivar yield rankings may vary from year to year. Decisions are 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.

WINTER WHEAT — AREA 5 (continued)

Cumulative Yield Index¹ Summary – Intensive Trials

Class	Variety	4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2023 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes
srw	Branson☉	95*	104	93	103	91	102	99	99
	25R40☉ (awned)			111	113	112	112	106	107
	Marker	100	103	98	103	97	102	100	104
	UGRC C2-5			99	99	98	95	100	102
	UGRC GL164			97	99	95	95	92	102
	B654SRW☉	103	107	102	108	102	106	101	107
	25R61☉ (awned)			102	103	101	102	98	102
	25R74☉ (awned)			100	102	102	101	101	100
	Blaze (awned)	106	106	107	108	111	109	104	103
	Hilliard☉ (awned)					106	106	98	99
	OAC Constellation☉ (awned)							102	100
	UGRC Comet☉							95	96
	Swoop☉			105	111	103	109	98	108
	B700SRW (awned)							106	107
	OAC Moon☉ (awned)							102	103
	OAC Virgo☉					102	103	96	100
25R29 (awned)							111	111	
hrw	PRO 81☉ (awned)	97	97	94	95	96	98	93	89
	Adrianus☉ (awned)	89	92	85	90	83	88	90	98
	Hudson							94	94
Means (t/ha)		8.64	8.85	8.42	8.65	8.78	8.95	8.86	9.11
Means (bu/ac)		129	132	125	129	131	133	132	136
Location-Years		4		3		2		1	

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

* Cultivar yield rankings may vary from year to year. Decisions are 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.

2023 VARIETIES SELECTED

Variety **Variety** **Variety**

Seeding date:

Harvest date:

Yield:

2023: TOP PICKS

Distributor Contacts for Listed Varieties in Seed Ontario 2024

Look up variety within the correct CROP KIND to find the company, then look for company phone number in the box at bottom of section.

Oats

Hulled	
RC Amaze	Rosebank Seed Farms Ltd.
Avatar	Pedigrain
AAC Bullet	SeCan Association
AAC Richmond	Semican Inc
AAC Oaklin	C & M Seeds
AAC Nicolas ^U	SeCan Association
AAC Banner ^U	SeCan Association
Kalio ^U	Elite Seeds
AAC Chandler ^U	Labonte Seed Ltd.
AAC Reid ^U	Alliance Agri-Turf
AAC Zip ^U	SeCan Association
Alise	Marc Bercier Seed Cleaning
Orford	Semican Inc
AAC Loki ^U	Synagri
Nika ^U	Elite Seeds
Mistral	Synagri
AAC Basil ^U	SeCan Association
AAC Wight ^U	SeCan Association
Shaka ^U	Elite Seeds
CDC Endure ^U	Semican Inc

Spring Barley

2 Row	
Bornholm	Alliance Agri-Turf/Beatty Seeds/ Snobelen Farms
AAC Synergy ^U	Semican Inc
Esma ^U	SeCan Association
6 Row	
Dignity	SeCan Association
OCEANIK	Synagri
Nordbec	Labonte Seed Ltd.
Amberly	Rosebank Seed Farms Ltd.
HY 621-6R	Alliance Agri-Turf/Beatty Seeds/ Snobelen Farms
Chambly	Semences Prograin Inc
AAC Vitality ^U	Advantage Seed Growers
AAC Montrose ^U	Labonte Seed Ltd.
Baden	SeCan Association
DS8126RB	Alliance Agri-Turf/Beatty Seeds/ Snobelen Farms
Rafale	Semican Inc
Ariber ^U	Marc Bercier Seed Cleaning
Massy ^U	Snobelen Farms
AAC Cranbrook ^U	SeCan Association
Tsunami	Semican Inc

Spring Wheat

Hard Red Spring Wheat	
Furano	C & M Seeds
MAJOR	Synagri
Fuzion	Semences Prograin Inc
Wilkin ^U	C & M Seeds
AAC Scotia ^U (awned)	Semican Inc
TOPAZE (awned)	Pedigrain
Raven ^U (awned)	C & M Seeds
Ventry (awned)	SeCan Association
AAC Synox ^U (awned)	Synagri
Agora	Semican Inc
AAC Harlaka (awned)	Semican Inc
Starlite ^U	Snobelen Farms/Marc Bercier Seed Cleaning
Arvida ^U	Semican Inc

Winter Wheat

Soft White Winter	
Ava	Brevant Seeds
25W38 ^U (awned)	Pioneer Seeds
Soft Red Winter	
Branson ^U	Brevant Seeds
25R40 ^U (awned)	Pioneer Seeds
Marker	Snobelen Farms
UGRC Ring ^U (awned)	Elite Seeds
UGRC C2-5	Semican Inc
Cruze (awned)	C & M Seeds
UGRC GL164	Semican Inc
B654SRW ^U	Brevant Seeds
25R61 ^U (awned)	Pioneer Seeds
25R74 ^U (awned)	Pioneer Seeds
Blaze (awned)	C & M Seeds
Hilliard ^U (awned)	C & M Seeds
OAC Constellation ^U (awned)	SeCan Association
UGRC Comet ^U	Ridgetown Campus, U. of Guelph
Swoop ^U	C & M Seeds
B700SRW (awned)	Brevant Seeds
OAC Moon ^U (awned)	SeCan Association
OAC Twilight ^U	University of Guelph
OAC Virgo ^U	SeCan Association
25R64 (awned)	Pioneer Seeds
25R29 (awned)	Pioneer Seeds
Hard Red Winter	
PRO 81 ^U (awned)	C & M Seeds
Adrianus ^U (awned)	C & M Seeds
Hudson	Semican Inc

DISTRIBUTOR

PHONE NUMBER

Advantage Seed Growers	1-519-440-6406
Alliance Agri-Turf	1-800-268-4425
Beatty Seeds	1-613-393-2333
C&M Seeds	1-888-733-9432
Cribit Seeds	1-519-664-3701
Elite Seeds	1-519-282-6701
Marc Bercier Cleaning Inc.....	1-613-524-2981
Pedigrain	1-819-347-7502
Rosebank Seed Farms Inc.....	1-519-345-2697
SeCan Association	1-866-797-7874
Semences Prograin	1-800-817-3732
Semican Inc	1-866-362-3385
Snobelen Farms Ltd.....	1-519-528-2092
Synagri	1-450-799-3226

Growers List



OATS

S=Select; F=Foundation; R=Registered; C=Certified; ☉ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☉ protected or pending under UPOV 1991; ** listed varieties are eligible for seed class, but undergoing post-harvest seed testing for Additional Certification Requirements, at time of publication.

AAC BASIL ☉

Branchton; Szentimrey, Peter, Zachary, Zane & Hannah..	519-620-1100	S F
Lucknow; Snobelen Farms Ltd.	519-528-2092	R
Palmerston; Connell Farms Inc.	519-343-2626	S F
Ripley; Courtney Grain And Seed (2015) Ltd.....	519-395-2972	S F

AAC BULLET

Bath; Miller Seed Farm	613-483-9423	R C
Dublin; R.T. Bolton & Son.....	519-525-6430	C
Lindsay; Midnight Acres.....	705-878-8200	R
Lucknow; Snobelen Farms Ltd.	519-528-2092	C
New Liskeard; Labonte Seed Division Of Reliable Elevators Corp. (On)	705-647-3129	R C
Palmerston; Connell Farms Inc.	519-343-2626	C
Ripley; Courtney Grain And Seed (2015) Ltd.....	519-395-2972	R
West Montrose; Cribit Seeds	519-664-3701	F C

AAC CHANDLER ☉

New Liskeard; Labonte Seed Division Of Reliable Elevators Corp. (On)	705-647-3129	F R
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OATS

S=Select; F=Foundation; R=Registered; C=Certified; ☉ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☉ protected or pending under UPOV 1991; ** listed varieties are eligible for seed class, but undergoing post-harvest seed testing for Additional Certification Requirements, at time of publication.

AAC NICOLAS ☉

New Liskeard; Labonte Seed Division Of Reliable Elevators Corp. (On)	705-647-3129	C
New Liskeard; Phillips Seeds Ltd.	705-676-7976	C

AAC REID ☉

Branchton; Szentimrey, Peter, Zachary, Zane & Hannah..	519-620-1100	F
Cobden; Stone Farms	613-646-9737	R
Lindsay; Midnight Acres.....	705-878-8200	R C
West Montrose; Cribit Seeds	519-664-3701	R

AAC WIGHT ☉

New Liskeard; Phillips Seeds Ltd.	705-676-7976	F
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ALISE

Emo; Purity Seeds Limited.....	807-707-3717	R
St. Isidore; CCMB	613-524-2981	R

CDC HAYMAKER ☉

Lucknow; Snobelen Farms Ltd.	519-528-2092	R
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EVERLEAF 126

Lucknow; Snobelen Farms Ltd.	519-528-2092	S F C
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ORE3542M ☉

New Liskeard; Labonte Seed Division Of Reliable Elevators Corp. (On)	705-647-3129	R
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SPRING BARLEY

AAC CRANBROOK ☉

Bath; Miller Seed Farm	613-483-9423	S
Ripley; Courtney Grain And Seed (2015) Ltd.....	519-395-2972	S
West Montrose; Cribit Seeds	519-664-3701	S

AAC VITALITY ☉

Lindsay; Midnight Acres.....	705-878-8200	R
Lucknow; Snobelen Farms Ltd.	519-528-2092	R

AMBERLY

Perth Line 24; Rosebank Seed Farms Ltd.....	519-345-2697	C
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ARIBER ☉

St. Isidore; CCMB	613-524-2981	F R
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BADEN

Palmerston; Connell Farms Inc.	519-343-2626	F
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BORNHOLM

Lucknow; Snobelen Farms Ltd.519-528-2092 C

CONESTOGO

Palmerston; Connell Farms Inc.519-343-2626 R

DIGNITY

Bath; Miller Seed Farm613-483-9423 R
 Demorestville; Wager Farms Ltd.613-921-9557 C
 Lindsay; Midnight Acres705-878-8200 R
 Palmerston; Connell Farms Inc.519-343-2626 C
 Perth Line 24; Rosebank Seed Farms Ltd.519-345-2697 C
 Ripley; Courtney Grain And Seed (2015) Ltd.519-395-2972 C
 West Montrose; Cribit Seeds519-664-3701 R

DS8126RB

Branchton; Szentimrey, Peter, Zachary, Zane & Hannah..519-620-1100 R
 Lucknow; Snobelen Farms Ltd.519-528-2092 C

DUNDEE

Ripley; Courtney Grain And Seed (2015) Ltd.519-395-2972 R

ESMA☽

Branchton; Szentimrey, Peter, Zachary, Zane & Hannah..519-620-1100 F
 Cobden; Stone Farms613-646-9737 R
 Lucknow; Snobelen Farms Ltd.519-528-2092 C
 West Montrose; Cribit Seeds519-664-3701 R C

MASSY☽

Lucknow; Snobelen Farms Ltd.519-528-2092 C

PSL KERNS

Emo; Purity Seeds Limited.....807-707-3717 R C
 New Liskeard; Phillips Seeds Ltd.705-676-7976 F R

SPRING WHEAT

FURANO

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 St. Isidore; CCMB613-524-2981 R

QUANTUM (USA = DANDY)

Lucknow; Snobelen Farms Ltd.519-528-2092 R
 Ripley; Courtney Grain And Seed (2015) Ltd.519-395-2972 S F

RAVEN☽

Palmerston; C & M Seeds.....888-733-9432 S F R C

STARLITE☽

Emo; Purity Seeds Limited.....807-707-3717 R
 St. Isidore; CCMB613-524-2981 S F C



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Patrick Théoret
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 613-804-5096

Wayne MacLean
 wmaclean@semican.ca
 1-902-940-5970

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SPRING WHEAT

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WILKIN ☼

Palmerston; C & M Seeds.....888-733-9432 F R C

WINTER BARLEY

LCS CALYPSO

Branchton; Szentimrey, Peter, Zachary, Zane & Hannah..519-620-1100 S F
Lucknow; Snobelen Farms Ltd.519-528-2092 C

SU RUZENA Ⓢ

Cobden; Stone Farms.....613-646-9737 F
Palmerston; Connell Farms Inc.....519-343-2626 R
West Montrose; Cribit Seeds519-664-3701 F C

WINTER RYE

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HAZLET

Courtland; Horizon Seeds Canada Inc.519-842-5538 S C

WINTER WHEAT

AC MORLEY

Lindsay; Midnight Acres.....705-878-8200 C

AC MOUNTAIN

West Montrose; Cribit Seeds519-664-3701 S F

ADRIANUS Ⓢ

Palmerston; C & M Seeds.....888-733-9432 S F R C

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SCHOOL OF DE DELL REPORT CARD

Hybrid: DL 3905 – 2850 CHU, 95 RM

SUBJECT	MARK
Topping plot at Courtland and Aven.	A+
Top 3 hybrids across all tested locations.	A+
Outperformed ALL competition at Ilberton, Aven and Brunner.	A+
Excellent agronomics.	A+
Excellent performance in OCC & RSCA provincial trials!	A+

COMMENTS
DL 3905 proved itself this year plot after plot. High yielding new genetics with solid agronomics.

NEXT STEPS
You should try DL 3905 in 2024!

SCHOOL OF DE DELL REPORT CARD

Hybrid: DL 3007 – 2700 CHU, 90 RM

SUBJECT	GRADE
Topping Plot at Brunner, Elmira and Corn.	A+
In the top 4 De Dell hybrids across all tested locations.	A+
Outperformed ALL competition at Aven and Brunner.	A+

COMMENTS
DL 3007 is a high yielding new hybrid exhibiting strong late-season health and robustness.

NEXT STEPS
Plant DL 3007 on your farm in 2024

4 LOCATION SUMMARY

Average	DL3905	DL3007	P9946AML	A6757G8 RIB	A6015	A6016RR	DL 3146
Moisture (%)	27.3	26.5	29.4	28.4	26.0	26.7	25.8
Yield (bu/ac)	243	228	221	206	186	208	207
Test Weight (lbs/bu)	52.2	53.9	52.3	51.5	51.6	51.8	53.3

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WINTER WHEAT

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B654SRW☼			
Lucknow; Snobelen Farms Ltd.	519-528-2092		C
BLAZE			
Palmerston; C & M Seeds.....	888-733-9432	S F R C	
BRANSON☼			
Lucknow; Snobelen Farms Ltd.	519-528-2092		R
CRUZE			
Palmerston; C & M Seeds.....	888-733-9432	F R	
EMPEROR☼			
Brantford; Bow Park Farm Inc.	519-751-9782	F R	
HILLIARD☼			
Palmerston; C & M Seeds.....	888-733-9432	S F R C	
MARKER			
Lucknow; Snobelen Farms Ltd.	519-528-2092		R

WINTER WHEAT

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OAC CONSTELLATION☼			
Alvinston; Mackellar Farms.....	519-318-4463	S F C	
Alvinston; Mc Rae, Jonathan & Matthew.....	519-464-2887		R
Branchton; Szentimrey, Peter, Zachary, Zane & Hannah..	519-620-1100	S F R	
Brantford; Bow Park Farm Inc.	519-751-9782	S F R	
Demorestville; Wager Farms Ltd.....	613-921-9557		R C
Guelph; Woodrill Farm Ent.	519-821-1018	S F R C	
Jarvis; Landray Farm Inc.....	905-870-4002		C
Lindsay; Midnight Acres.....	705-878-8200		C
New Liskeard; Labonte Seed Division Of Reliable Elevators Corp. (On)	705-647-3129		C
PRO 81☼			
Palmerston; C & M Seeds.....	888-733-9432		R
SWOOP☼			
Palmerston; C & M Seeds.....	888-733-9432		R
UGRC GL164			
Cobden; Stone Farms.....	613-646-9737		R

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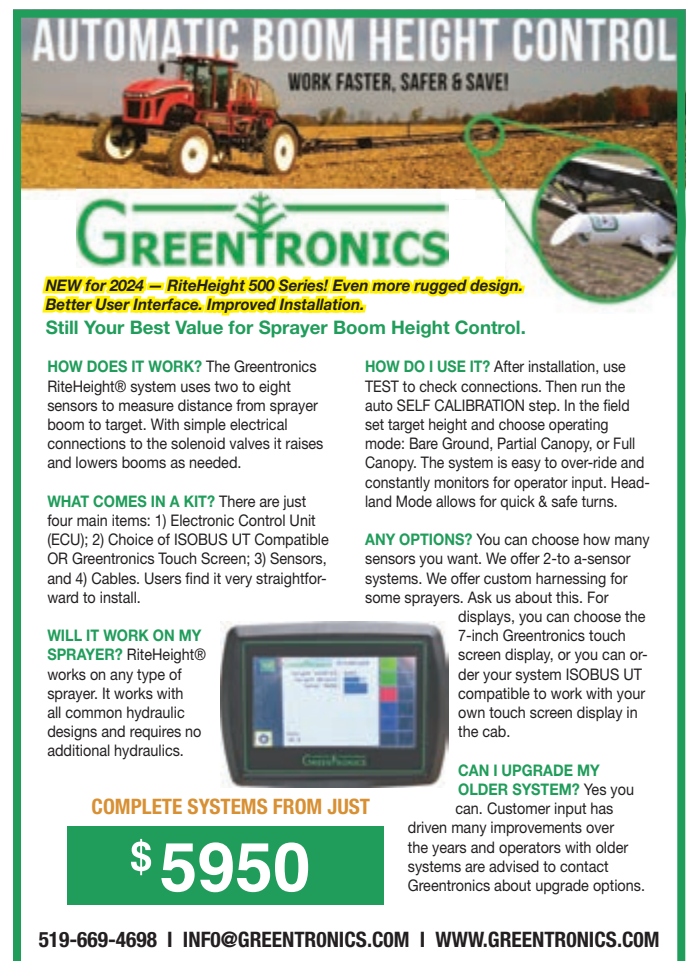


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Corn Crops

Corn Performance Trials are conducted by the Ontario Corn Committee

The ONTARIO CORN COMMITTEE is made up of representatives of Agriculture and Agri-Food Canada, the Ontario Ministry of Agriculture, Food and Rural Affairs, the University of Guelph, the Ontario Soil and Crop Improvement Association, the Grain Farmers of Ontario and the Canadian Seed Trade Association. Hybrid Performance trials are conducted each year by the following cooperating agencies: Ridgetown Campus, University of Guelph; Plant Agriculture Department, University of Guelph; Winchester Research Station, University of Guelph, Kent Ag Research Inc., Agriculture and Agri-Food Canada at Ottawa.

For more information go to www.GoCorn.net

Interpretation of Results

Corn Heat Units – Ratings for all areas of the province are based on the average heat unit accumulation for the period from May 1 to the date in the fall when the long-term average daily temperature falls below 12 C or an occurrence of -2 C, whichever comes first. Hybrid heat unit ratings have been assigned by the sponsoring company.

% Lodging – “Lodged Plants” includes plants with stalks that are broken below the ear and plants leaning such that the ear is in the adjacent row or otherwise unharvestable. Because all hybrids in a trial are harvested on the same date, the early hybrids within each table tend to show a greater amount of stalk breakage than do later hybrids. Stalk strength should be compared only with hybrids of the same maturity.

% Moisture – The accuracy of moisture measurement decreases as moisture content increases. Results for hybrids with very high moisture contents should be interpreted with caution.

LSD (0.10) – The LSD is a measure of variability within the trial. There is a ninety percent probability that yield indices that differ by an amount greater than the LSD are different. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal. For example, if the LSD is 10, two hybrids with yield indexes of 110 and 101 should be considered to be equal.

Managing Bt Corn – When using Bt corn, it is imperative that a refuge area of non-Bt corn be planted near the Bt corn to reduce the risk of developing insect resistance to Bt. A list of potential refuge hybrids and information related to the practices that must be followed to comply with current regulations can be obtained from the Canadian Corn Refuge Hybrid Selector at www.refugeselector.ca

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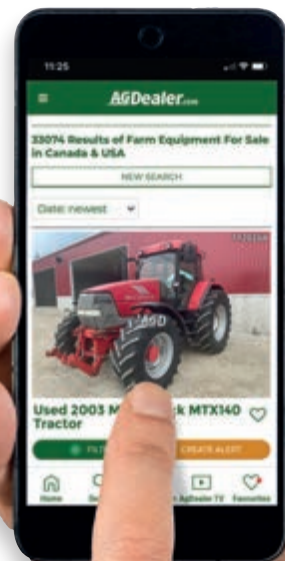
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Testing Methods

Hybrids entered in the Hybrid Corn Performance Trials are selected by the seed companies. A testing fee is charged per hybrid per replication. A hybrid must be entered in all trials within a table.

In each trial, hybrids are replicated in a suitable experimental design. Trials are machine planted with an excess of seed and thinned at an early growth stage to obtain a uniform population. A row width of 30 inches is used in all trials. Plots consist of four rows of which the middle two rows are harvested for yield. Fertilizer rates may be higher than those recommended by OMAFRA to compensate for any variability in soil nutrient supply.

Most of the hybrids entered in the trials were treated with a seed treatment to control soil insects. Hybrids that were not treated with are not identified in the report. There was no significant damage from soil insects at any of the locations.

To determine the percentage of lodged plant, a count is made, immediately before harvest, of all plants broken below the ear and all plants which are leaning such that the ear is in the adjacent row or is otherwise unharvestable.

The moisture percentage of the grain is measured at harvest time. The weight of grain harvested from each plot is determined and the yield of shelled corn is calculated at 15% moisture. Test weights are recorded either during harvest, using combine-mounted monitoring equipment, or in the laboratory, using accepted procedures.

The index in the tables indicates a percent of the average of all hybrids included in the trial(s). Index figures above 100 reflect the percentage by which a hybrid is above the average, and index figures below 100 show the percent below average. Small differences in index (i.e. less than the LSD shown at the bottom of the table) are not significant. When a hybrid has a higher index over two years, this difference is probably real and should be considered when choosing a hybrid.

Hybrid selection should be based on the most data available. Greater emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

The average yield for each table is given in bushels per acre. You can calculate the actual yield for a hybrid by multiplying the average yield times its yield index and dividing by 100.

The average test weight is given in kg/h1 (kilograms per hectoliter). You can calculate the actual test weight of a hybrid by multiplying the average test weight times its test weight index and dividing by 100.

Within each table, hybrids are identified by brand and/or hybrid number or name. Hybrids are listed in approximate order of maturity based on heat unit ratings provided by the companies.

Explanation of Codes for Special Genetic Traits

Code	GM Traits
0	Conventional Hybrid
4	Roundup Ready Corn 2
6	VT Double PRO
8	SmartStax
14	Agrisure GT
20	Agrisure Viptera 3111
24	Optimum AcreMax Xtreme
25	Optimum AcreMax Xtra
27	Viptera
28	Agrisure Above
30	PowerCore Enlist
31	SmartStax Enlist
32	Trecepta
33	Duracade
34	DuracadeViptera
36	Qrome
37	Optimum AcreMax Leptra
38	SmartStax PRO

Notes:

The Ontario Corn Committee does not assess hybrids for Special Genetic Traits. Hybrid descriptions are based on information received from corn companies, as of November 2023. Although the Ontario Corn Committee believes the information contained in this report is accurate, growers are advised to consult dealers of the respective hybrids and products before making purchasing or management decisions. All hybrids included in this report have been fully approved for food and feed use in Canada and the United States. However, a number have not been approved for use in the European Union. Corn harvested from these non-EU approved hybrids must be delivered to a market that will not ship the grain or its processed products to Europe. For more information, contact your seed supplier. Information regarding the genetic traits carried by all commercially available hybrids and their acceptability for export can also be obtained from the Seeds Canada website at: <https://seeds-canada.ca/corn-hybrid-database/>

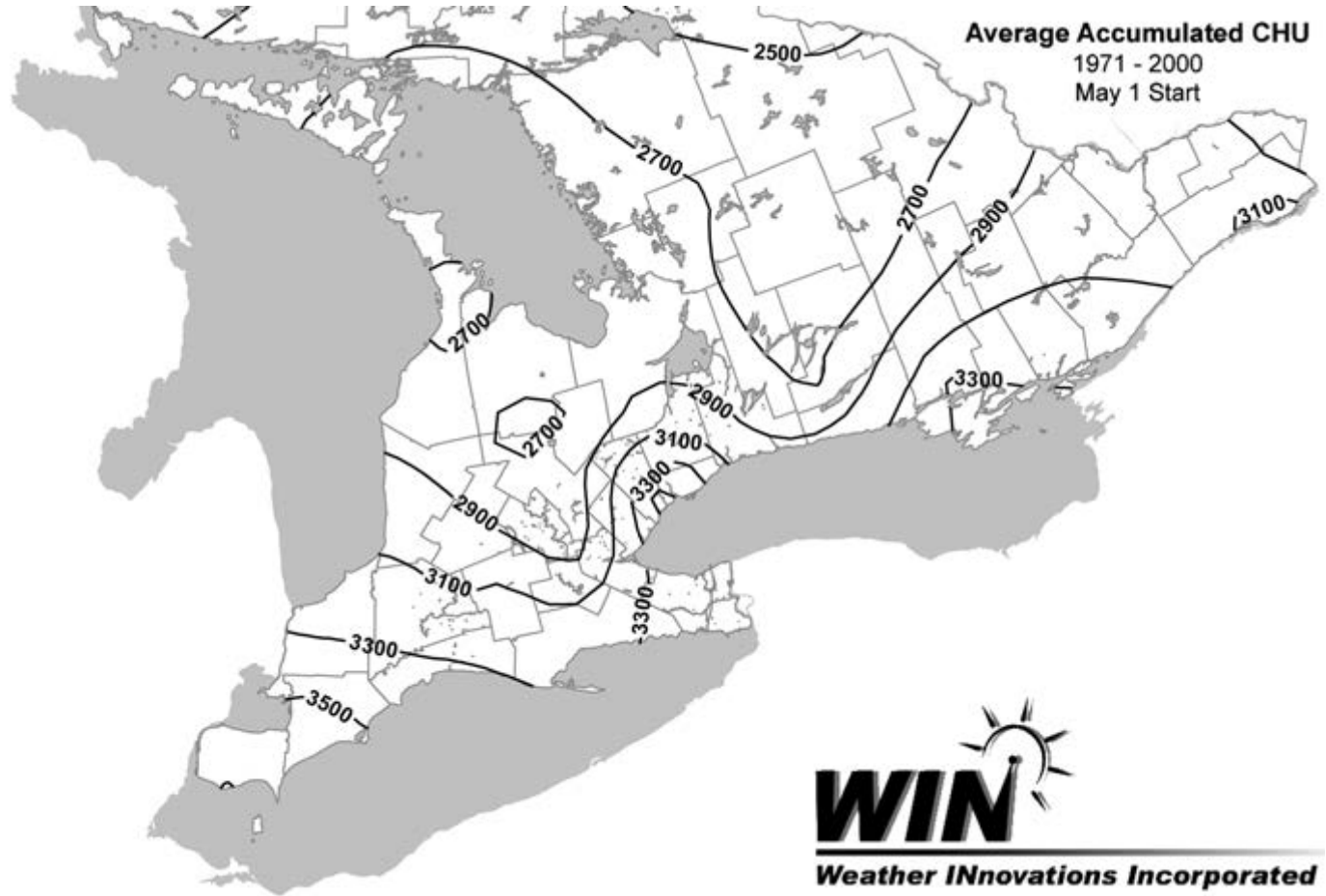
Explanation of Seed Treatment Codes

Seed Treatments	
–	No Treatment
A	Acceleron 250
C	Cruiser Maxx 250
F	Fortenza
L	Lumivia
P	Poncho 250

CORN HEAT UNIT MAP

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CHU Ratings are based on the average heat unit accumulation for the period from May 1 to the date in the fall when the long-term average daily temperature falls below 12° C or an occurrence of -2° C, whichever comes first.

DISTRIBUTOR CONTACTS – Seed Corn

Brevant	1-800-265-9435	Maizex	1-877-682-1720
CROPLAN	1-613-323-6846	NK Brand.....	1-800-756-SEED
De Dell.....	1-519-264-2676	Pioneer	1-800-265-9435
DEKALB.....	1-888-283-6847	PRIDE Seeds.....	1-519-354-3210
DLF	1-705-878-9240	Saatbau	1-514-609-0881
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MarketsFarm survey responses 05/2022



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TABLE 1 – Harriston, Dundalk, Orangeville

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2022-2023 averages ¹				2023 averages ²					
				average of 4 trials				average of 2 trials					
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index		
2075	Pioneer	P7389AM	23	L					96	21.9	3	104	
2100	CROPLAN	CP1440VT2P	6	F					102	25.3	0	101	
2100	Pioneer	P72068AM	23	L					93	21.5	3	107	
2150	Pioneer	P7574AM	23	L	95	23.2	1	106	102	22.7	1	105	
2200	Brevant	B76C31AM	23	L					99	23.7	3	104	
2250	Maizex	MZ 1544DBR	6	F	98	23.8	0	101	102	24.6	1	98	
2275	Saatbau	SL18441	0	C					103	25.1	3	106	
2300	Brevant	B79H45AM	23	L	99	24.9	0	101	102	25.4	1	99	
2300	Maizex	MZ 1688DBR	6	F	98	25.1	1	102	101	24.7	2	101	
2325	Saatbau	SL10541	0	C					110	27.8	7	101	
2350	Pioneer	P8048AM	23	L					100	25.8	0	101	
2375	CROPLAN	CP2180VT2P	6	F	101	24.0	0	101	102	23.8	0	100	
2375	Saatbau	SL16143	0	C					108	28.7	0	104	
2400	Brevant	B82R52AM	23	L					92	26.5	1	97	
2400	Pioneer	P82288AM	23	L					101	24.8	3	99	
2400	Pioneer	P8294AM	23	L	98	23.7	0	103	99	23.5	1	102	
2450	Brevant	B85V67AM	23	L					100	24.9	1	98	
2450	CROPLAN	2288VT2P/RIB	6	F	93	24.7	0	103	96	25.0	0	103	
2450	DEKALB	DKC32-49RIB	6	AD	98	24.8	0	101	95	25.6	0	99	
2450	Maizex	MZ 2266DBR	6	F	100	24.4	0	104	98	24.2	0	103	
2450	Pioneer	P8407AM	23	L	99	27.0	1	97	102	27.6	1	96	
2500	CROPLAN	CP2315VT2P/RIB	6	F	99	25.1	0	101	96	24.8	1	101	
2500	Maizex	MZ 2344DBR	6	F					102	24.4	3	101	
2525	De Dell	DL 1815	0	—					101	27.3	2	100	
2525	DEKALB	DKC084-60RIB	6	AD					104	25.9	0	99	
2550	Brevant	B87D33AM	23	L					100	27.8	0	98	
2550	Horizon	HZ 2536	34	F					103	28.2	1	101	
2550	NK Brand	NK8204-V	27	F	94	26.1	0	102	91	26.4	1	101	
2550	Pioneer	P8537AM	23	L	85	25.7	0	100	84	25.9	1	98	
2575	DEKALB	DKC35-29RIB	6	AD	103	25.4	0	102	105	25.4	0	101	
2575	DEKALB	DKC35-34RIB	8	AD	100	25.6	0	100	100	25.7	1	100	
2600	DEKALB	DKC36-48RIB	6	AD	108	27.0	1	99	105	27.2	2	99	
2600	Maizex	MZ 269	0	F	111	25.9	0	100	111	25.8	0	99	
2600	Maizex	MZ 2699DBR	6	F	108	26.0	0	99	108	25.7	0	100	
2600	Saatbau	EGIDIO	0	C	96	27.1	1	97	95	27.8	1	97	
2625	De Dell	DL 2315	0	—	100	27.3	0	99	92	27.7	0	99	
2625	DLF	DLF 2777RR	4	AD	103	27.6	0	98	106	27.9	1	99	
2625	NK Brand	NK8558-AA	28	F					98	27.8	1	100	
2625	PRIDE Seeds	A5292G8 RIB	8	F	102	26.8	0	101	100	26.8	0	100	
2625	PRIDE Seeds	A5424G2 RIB	6	F					98	27.2	0	100	
2650	DEKALB	DKC087-08RIB	8	AD					108	27.9	0	99	
2650	NK Brand	NK8519-DV	34	F	99	28.4	0	98	101	29.0	1	98	
2650	NK Brand	NK8618-D	33	F	97	28.1	1	99	94	28.8	3	99	
2650	PRIDE Seeds	A5404G2 RIB	6	F	99	26.6	0	99	95	26.6	1	100	
2675	Horizon	HZ 3135	14	F	96	31.4	0	98	94	31.4	0	98	
2675	PRIDE Seeds	A5383G8 RIB	8	F	94	27.9	0	100	88	28.8	0	100	
2700	DLF	DLF 2778VT2P RIB	6	AD	101	27.1	0	99	100	27.3	0	100	
2700	Maizex	MZ 2982DBR	6	F	108	28.8	0	98	107	29.6	0	98	
2725	DEKALB	DKC39-55RIB	6	AD	104	28.3	0	99	100	29.3	1	98	
2725	DLF	DLF 2767VT2P RIB	6	AD	110	29.1	0	98	104	29.3	0	98	
2725	NK Brand	NK9023-DV	34	F	101	29.2	0	98	101	29.3	0	99	
2750	NK Brand	NK9175-DV	34	F	101	30.0	0	99	98	29.3	0	99	
2775	DLF	DLF 2799RR	4	AD					101	29.9	1	98	
2800	DEKALB	DKC42-05RIB	6	AD	103	28.2	0	98	105	27.1	1	99	
2800	DLF	DLF 2731VT2P RIB	6	AD					104	28.6	0	99	
LSD (0.10) for Yield Index Points*					5				9				
Average all hybrids†					206	26.6	0	67	190	26.6	1	67	

1 Harriston 2023, Dundalk 2022-2023, Orangeville 2022

2 Harriston, Dundalk

* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

† Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Results of 2023 Performance Trials								
			DUNDALK			HARRISTON		
CHU	Brand and/or Hybrid		Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2075	Pioneer	P7389AM	101	22.6	0	92	21.2	6
2100	CROPLAN	CP1440VT2P	103	26.6	0	100	24.1	0
2100	Pioneer	P72068AM	95	23.9	0	90	19.2	5
2150	Pioneer	P7574AM	107	23.2	0	98	22.1	3
2200	Brevant	B76C31AM	96	25.7	0	101	21.7	6
2250	Maizex	MZ 1544DBR	110	25.8	0	94	23.4	1
2275	Saatbau	SL18441	107	29.3	0	100	20.9	5
2300	Brevant	B79H45AM	104	28.2	0	101	22.6	1
2300	Maizex	MZ 1688DBR	99	27.4	0	103	21.9	4
2325	Saatbau	SL10541	101	31.6	0	118	24.0	14
2350	Pioneer	P8048AM	102	28.7	0	98	22.9	0
2375	CROPLAN	CP2180VT2P	98	26.0	0	106	21.6	0
2375	Saatbau	SL16143	98	34.2	0	116	23.2	0
2400	Brevant	B82R52AM	96	28.6	0	88	24.4	1
2400	Pioneer	P82288AM	103	27.2	0	100	22.3	5
2400	Pioneer	P8294AM	106	25.9	0	94	21.2	1
2450	Brevant	B85V67AM	103	29.2	0	97	20.7	3
2450	CROPLAN	2288VT2P/RIB	101	28.2	0	92	21.7	0
2450	DEKALB	DKC32-49RIB	91	27.7	0	98	23.4	0
2450	Maizex	MZ 2266DBR	105	27.3	0	92	21.2	0
2450	Pioneer	P8407AM	109	32.1	1	96	23.0	1
2500	CROPLAN	CP2315VT2P/RIB	100	28.7	0	93	20.8	1
2500	Maizex	MZ 2344DBR	93	27.7	0	109	21.2	6
2525	De Dell	DL 1815	98	29.9	0	103	24.7	4
2525	DEKALB	DKC084-60RIB	100	29.1	0	107	22.7	0
2550	Brevant	B87D33AM	108	32.1	0	93	23.6	0
2550	Horizon	HZ 2536	102	33.2	0	103	23.2	1
2550	NK Brand	NK8204-V	88	31.2	0	94	21.6	1
2550	Pioneer	P8537AM	85	30.8	0	82	21.1	1
2575	DEKALB	DKC35-29RIB	113	29.1	0	98	21.8	0
2575	DEKALB	DKC35-34RIB	104	29.1	0	97	22.3	1
2600	DEKALB	DKC36-48RIB	100	31.8	0	108	22.6	4
2600	Maizex	MZ 269	109	29.0	0	112	22.6	0
2600	Maizex	MZ 2699DBR	113	27.6	0	105	23.7	0
2600	Saatbau	EGIDIO	92	33.6	0	97	22.1	3
2625	De Dell	DL 2315	91	31.7	0	92	23.8	0
2625	DLF	DLF 2777RR	107	32.8	0	105	22.9	1
2625	NK Brand	NK8558-AA	96	33.3	0	100	22.2	3
2625	PRIDE Seeds	A5292G8 RIB	100	29.9	0	100	23.7	0
2625	PRIDE Seeds	A5424G2 RIB	100	32.0	0	97	22.4	0
2650	DEKALB	DKC087-08RIB	102	32.2	0	113	23.6	0
2650	NK Brand	NK8519-DV	87	34.6	0	112	23.4	1
2650	NK Brand	NK8618-D	91	33.9	0	98	23.8	5
2650	PRIDE Seeds	A5404G2 RIB	97	29.9	0	93	23.2	1
2675	Horizon	HZ 3135	93	37.0	0	95	25.7	0
2675	PRIDE Seeds	A5383G8 RIB	87	35.0	0	89	22.7	0
2700	DLF	DLF 2778VT2P RIB	105	31.6	0	95	23.0	0
2700	Maizex	MZ 2982DBR	103	34.3	0	110	25.0	0
2725	DEKALB	DKC39-55RIB	103	35.4	0	97	23.3	1
2725	DLF	DLF 2767VT2P RIB	103	35.5	0	105	23.1	0
2725	NK Brand	NK9023-DV	92	34.7	0	109	24.0	0
2750	NK Brand	NK9175-DV	97	34.5	0	99	24.1	0
2775	DLF	DLF 2799RR	101	36.4	0	101	23.3	1
2800	DEKALB	DKC42-05RIB	105	31.3	0	106	22.9	1
2800	DLF	DLF 2731VT2P RIB	97	34.3	0	109	22.8	0
LSD (0.10) for Yield Index Points*			10			13		
Average all hybrids†			170	30.4	0	209	22.7	2

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

TABLE 2 – Elora, Port Hope, Kinburn, Wingham

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2022-2023 averages ¹				2023 averages ²				
				average of 8 trials				average of 4 trials				
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	
2450	Brevant	B85V67AM	23	L	95	21.3		100	94	22.1		100
2450	Pioneer	P8407AM	23	L	97	21.1		100	96	22.3		100
2475	Saatbau	SL29331	0	C					99	23.7		107
2550	Brevant	B87D33AM	23	L					90	22.5		101
2550	Pioneer	P8537AM	23	L	91	21.1		103	94	22.4		102
2600	Maizex	MZ 269	0	F	98	21.3		102	96	22.5		101
2600	Maizex	MZ 2699DBR	6	F	98	21.6		101	99	22.9		100
2600	Pioneer	P8602AM	23	L					97	22.0		100
2600	Pioneer	P8859AM	23	L	98	21.6		100	97	22.6		100
2625	CROPLAN	CP2585VT2P	6	F	92	21.2		102	92	22.7		101
2650	Brevant	B91T25AM	23	L	101	22.6		100	104	23.6		100
2650	CROPLAN	2790VT2P/RIB	6	F	97	21.5		102	96	22.4		102
2650	Maizex	MZ 2711DBR	6	F	95	22.0		100	91	23.2		99
2650	Pioneer	P9026AM	23	L	103	22.4		103	104	23.6		103
2650	Pioneer	P90630Q	36	L					102	23.1		101
2700	CROPLAN	2965VT2P/RIB	6	F	95	22.2		101	94	23.2		101
2700	Horizon	HZ 3015	0	F	100	22.5		101	102	24.3		101
2700	Horizon	HZ 3050	33	F	97	23.8		99	98	25.6		98
2700	Maizex	MZ 2982DBR	6	F	103	22.9		100	104	23.7		100
2725	Brevant	B92D25Q	36	L					98	24.0		99
2725	Brevant	B92R26Q	36	L					97	24.7		97
2725	CROPLAN	CP2972SS	8	F	99	22.8		101	103	24.0		101
2725	CROPLAN	CP3166VT2P	6	F	96	23.0		99	95	22.9		100
2725	DEKALB	DKC39-55RIB	6	AD	100	22.6		101	97	23.7		100
2725	DEKALB	DKC40-99RIB	32	AD	99	22.6		100	95	23.4		99
2725	DLF	DLF 2712GSX RIB	8	AD					106	24.6		101
2725	DLF	DLF 2724GSX RIB	8	AD					101	24.7		99
2725	DLF	DLF 2767VT2P RIB	6	AD	100	22.2		100	96	23.3		100
2725	Maizex	MZ 3117DBR	6	F	102	22.6		98	100	22.8		99
2725	NK Brand	NK9023-DV	34	F	99	22.8		100	99	24.0		100
2725	Pioneer	P9233AM	23	L	100	23.0		101	101	24.1		101
2725	PRIDE Seeds	A5959G2 RIB	6	F	102	22.7		100	100	23.9		100
2750	Brevant	B93C41AM	23	L					101	23.8		103
2750	De Dell	DL 3146	0	—	97	22.8		101	97	24.2		101
2750	Horizon	HZ 3247	34	F					97	24.7		100
2750	Horizon	HZ 3260	0	F	101	23.0		98	104	24.7		99
2750	Maizex	MZ 3120SMX	8	F	101	23.3		100	99	24.2		100
2750	Maizex	MZ 314	0	F	99	24.1		98	101	25.2		99
2750	NK Brand	NK9175-DV	34	F	100	23.8		100	97	24.6		100
2750	PRIDE Seeds	A5925	0	F	97	23.1		100	97	24.7		100
2750	PRIDE Seeds	A5977G8 RIB	8	F	99	22.5		102	99	24.2		102
2775	DLF	DLF 2799RR	4	AD					96	25.7		99
2775	Maizex	MZ 3314SMX	8	F	100	23.4		100	99	24.6		100
2800	CROPLAN	CP3341SS	8	F	98	23.0		99	96	24.3		99
2800	DEKALB	DKC42-05RIB	6	AD	104	23.1		99	102	24.0		100
2800	DEKALB	DKC42-90RIB	6	AD	105	23.0		101	103	24.0		100
2800	DLF	DLF 2731VT2P RIB	6	AD					100	24.7		102
2800	Horizon	HZ 3375	27	F	95	24.4		97	95	25.8		98
2800	Horizon	HZ 3386	33	F	99	24.3		98	101	26.5		97
2825	DEKALB	DKC093-76RIB	38	AD					102	26.2		98
2825	DLF	DLF 2883TRE RIB	32	AD	99	23.5		98	95	24.3		99
2850	CROPLAN	CP3490VT2P	6	F	102	24.8		98	104	26.0		99
2850	De Dell	DL 3905	0	—					109	24.6		100
2850	DEKALB	DKC44-80RIB	6	AD	107	23.5		97	104	24.8		97

Results of 2023 Performance Trials

CHU	Brand and/or Hybrid	Results of 2023 Performance Trials											
		ELORA			PORT HOPE T2			KINBURN			WINGHAM		
		Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2450	Brevant	B85V67AM	86	26.9	0	95	17.4	0	101	20.5	90	23.5	0
2450	Pioneer	P8407AM	96	27.8	0	99	18.0	0	93	19.9	99	23.3	0
2475	Saatbau	SL29331	103	28.6	0	99	18.4	4	101	22.3	88	25.5	1
2550	Brevant	B87D33AM	94	28.5	0	85	17.2	0	93	20.9	88	23.5	0
2550	Pioneer	P8537AM	95	27.4	0	94	18.0	1	93	20.0	93	24.0	0
2600	Maizex	MZ 269	95	28.7	0	100	18.2	0	91	20.5	101	22.7	0
2600	Maizex	MZ 2699DBR	102	27.0	0	110	21.6	0	91	20.2	97	22.6	0
2600	Pioneer	P8602AM	94	26.9	0	100	18.2	1	103	20.5	89	22.4	0
2600	Pioneer	P8859AM	105	28.1	0	97	18.6	0	97	21.0	89	22.7	1
2625	CROPLAN	CP2585VT2P	86	28.1	0	93	17.9	0	95	20.7	92	24.2	0
2650	Brevant	B91T25AM	103	28.3	0	100	18.3	1	104	22.2	108	25.5	0
2650	CROPLAN	2790VT2P/RIB	91	26.9	0	108	18.7	1	96	21.0	89	22.9	0
2650	Maizex	MZ 2711DBR	95	28.1	0	87	19.1	0	97	21.5	84	24.0	0
2650	Pioneer	P9026AM	100	30.2	0	103	17.8	0	106	21.2	106	25.3	0
2650	Pioneer	P90630Q	103	29.3	0	103	18.2	0	102	20.3	101	24.6	2
2700	CROPLAN	2965VT2P/RIB	89	27.6	0	97	18.2	1	98	21.9	89	25.1	0
2700	Horizon	HZ 3015	100	30.7	0	105	19.5	3	101	22.0	101	24.9	0
2700	Horizon	HZ 3050	99	28.5	0	100	20.2	0	98	24.6	96	29.2	0
2700	Maizex	MZ 2982DBR	105	29.7	0	111	19.9	0	101	21.4	97	23.9	0
2725	Brevant	B92D25Q	96	30.8	0	97	18.8	0	99	20.9	99	25.6	1
2725	Brevant	B92R26Q	95	31.0	0	97	19.5	0	99	23.1	99	25.3	0
2725	CROPLAN	CP2972SS	101	29.5	0	113	19.0	0	103	22.6	94	25.0	0
2725	CROPLAN	CP3166VT2P	95	26.6	0	95	18.3	0	100	21.9	88	24.8	0
2725	DEKALB	DKC39-55RIB	96	29.1	0	94	17.9	0	97	21.3	101	26.5	0
2725	DEKALB	DKC40-99RIB	95	28.3	0	98	19.0	0	98	21.7	88	24.8	0
2725	DLF	DLF 2712GSX RIB	107	30.2	0	108	18.5	0	100	22.4	110	27.1	0
2725	DLF	DLF 2724GSX RIB	99	30.1	0	106	18.7	0	95	23.3	108	26.6	0
2725	DLF	DLF 2767VT2P RIB	92	29.0	0	94	17.9	1	106	21.4	89	25.0	0
2725	Maizex	MZ 3117DBR	108	28.5	0	93	17.5	0	105	21.9	90	23.4	0
2725	NK Brand	NK9023-DV	97	29.5	0	106	19.5	0	92	21.4	105	25.6	0
2725	Pioneer	P9233AM	99	28.5	0	91	17.8	1	104	22.8	109	27.4	0
2725	PRIDE Seeds	A5959G2 RIB	104	29.0	0	97	18.3	0	98	23.0	102	25.2	0
2750	Brevant	B93C41AM	92	30.5	0	106	18.0	1	103	21.9	101	24.7	0
2750	De Dell	DL 3146	95	29.6	0	96	18.4	1	96	21.7	102	27.1	0
2750	Horizon	HZ 3247	99	28.9	0	97	20.0	0	91	23.0	103	27.1	0
2750	Horizon	HZ 3260	105	30.1	0	102	19.4	1	101	21.2	108	27.9	2
2750	Maizex	MZ 3120SMX	101	29.0	0	99	19.8	1	100	22.8	96	25.1	0
2750	Maizex	MZ 314	105	30.5	0	91	18.5	0	101	23.2	109	28.8	0
2750	NK Brand	NK9175-DV	104	30.3	0	96	19.6	0	93	22.8	98	25.7	0
2750	PRIDE Seeds	A5925	99	29.8	0	104	19.1	0	98	23.6	86	26.3	0
2750	PRIDE Seeds	A5977G8 RIB	104	30.2	0	98	18.7	0	96	22.3	97	25.6	0
2775	DLF	DLF 2799RR	100	31.7	0	94	19.1	0	97	23.7	91	28.3	0
2775	Maizex	MZ 3314SMX	96	30.7	0	98	18.8	0	103	22.4	98	26.7	0
2800	CROPLAN	CP3341SS	91	28.7	0	93	18.7	0	101	23.3	98	26.6	0
2800	DEKALB	DKC42-05RIB	99	29.9	0	104	18.0	0	102	23.0	104	25.1	0
2800	DEKALB	DKC42-90RIB	99	29.0	0	104	18.8	0	108	22.1	99	26.0	0
2800	DLF	DLF 2731VT2P RIB	95	29.8	0	104	18.8	0	104	23.4	94	27.0	0
2800	Horizon	HZ 3375	99	29.6	0	94	21.6	0	87	24.9	104	27.1	0
2800	Horizon	HZ 3386	102	31.1	0	96	21.3	0	97	24.8	111	28.9	0
2825	DEKALB	DKC093-76RIB	99	31.3	0	107	20.0	0	100	23.5	102	30.1	0
2825	DLF	DLF 2883TRE RIB	98	29.4	0	98	19.2	0	94	23.0	88	25.6	0
2850	CROPLAN	CP3490VT2P	104	32.0	0	102	18.6	0	108	24.5	100	29.1	0
2850	De Dell	DL 3905	107	30.0	0	101	19.5	0	106	21.5	124	27.2	0
2850	DEKALB	DKC44-80RIB	106	30.4	0	99	18.4	1	106	24.5	106	25.8	0

(continued)

TABLE 2 – Elora, Port Hope, Kinburn, Wingham (continued)

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2022-2023 averages ¹				2023 averages ²				
				average of 8 trials				average of 4 trials				
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	
2850	Maizex	MZ 3505DBR	6	F	106	23.5		99	104	24.7		99
2850	Maizex	MZ 3528DBR	6	F					103	26.0		99
2850	NK Brand	NK9535-V	27	F	104	24.6		100	105	25.5		101
2850	PRIDE Seeds	A6572G2 RIB	6	F	104	24.1		99	102	25.2		99
2875	DEKALB	DKC45-35RIB	6	AD	109	24.4		100	110	25.3		100
2875	DEKALB	DKC46-50RIB	8	AD	104	24.5		100	104	26.1		100
2875	DLF	DLF 2891GSX RIB	8	AD					107	27.1		99
2875	NK Brand	NK9601-AA	28	F					107	25.2		100
2875	NK Brand	NK9653-DV	34	F	101	24.6		101	100	25.8		101
2900	CROPLAN	CP3720TRE	32	F					106	24.7		100
2900	DEKALB	DKC096-21RIB	32	AD					108	26.5		98
2900	DEKALB	DKC46-40RIB	6	AD	110	24.0		99	110	24.8		100
LSD (0.10) for Yield Index Points*					3				5			
Average all hybrids†					230	23.0		69	243	24.3		67

1 Elora 2022-2023, Port Hope T2 2022-2023, Winchester T2 2022-2023, Wingham 2022-2023

2 Elora, Port Hope T2, Winchester T2, Wingham

* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

† Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

2023 TRIAL LOCATIONS AND GENERAL INFORMATION

Location	See Table Number	Heat Unit Rating	5 Year ¹ Heat Unit Average	2023 ² CHU Total	Soil Type	Co-operator	Final ³ Plants per acre	Date ⁴ planted	Date Harvested
Harriston	1	2700		2770	Clay Loam	Max von Westerholt	35000	May 15	Nov 15
Dundalk	1	2600	N/A	2784	Clay Loam	Leo Blydorp	35000	May 01	Nov 04
Elora	2	2800	N/A	N/A	Silt Loam	University of Guelph	32000	May 11	Nov 01
Port Hope T2	2	2800	N/A	3021	Clay Loam	Bruce Hendry	35000	May 17	Nov 13
Kinburn	2	3000	N/A	N/A	Silt Loam	Panmure Farms	34000	May 18	Nov 8
Wingham	2	2800	N/A	N/A	Silt Loam	Rob Warwick	34000		
Bainsville	3E	3000	N/A	2980	Clay Loam	Rob McDonald	35000	May 17	Nov 12
Ottawa	3E	3000	N/A	2993	Clay	AAFC -- ORDC	n/a ⁵	May 23	n/a ⁵
Winchester	3E	3000	N/A	N/A	clay loam	Ontario CRC - Winchester	34000	May 12	
Blyth	3W	3000	N/A	N/A	Silt Loam	Peter Heinrich	34000		
Port Hope	3W	3000	N/A	3021	Clay Loam	Bruce Hendry	35000	May 17	Nov 13
Waterloo	3W	2900	N/A	N/A	Sandy Loam	Rosendale Farms Ltd.	34000	May 10	Nov 03
Exeter	4	3050	N/A	N/A	Silt Loam	Cliff Hicks	34000		
Ilderton	4	3100	N/A	N/A	Silt Loam	Ralph Kuebler	34000	Jun 01	
Woodstock	4	3150	N/A	3260	Silt Loam	Wes Hart	35000	May 13	Nov 14
Belmont	4	3250	N/A	N/A	Silt Loam	Claire Hooker	34000	May 12	Nov 16
Ridgetown	5	3450	N/A	N/A	Loam	University of Guelph	34000	May 10	Nov 02
Tilbury	5	3650	N/A	N/A	Clay	Gus Ternoey	33000	May 18	Nov 20
Dresden	5	3600	N/A	N/A	Sandy Loam	Brent McFadden	34000	May 11	Nov 18

1 Average total heat unit accumulation 2018 - 2022, inclusive.

2 Total heat unit accumulation at location from day of planting to either occurrence of killing frost (-2 C) or 30-year average end-of-season date.

3 These populations may not be suitable for your farm.

4 All trials planted in 30 inch row widths.

5 Data not included due to emergence issues

(continued) TABLE 2 — Elora, Port Hope, Kinburn, Wingham

CHU	Brand and/or Hybrid	Results of 2023 Performance Trials												
		ELORA			PORT HOPE T2			KINBURN			WINGHAM			
		Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	
2850	Maizex	MZ 3505DBR	105	29.3	0	102	19.5	0	105	24.2		104	25.7	0
2850	Maizex	MZ 3528DBR	110	30.9	0	98	19.2	0	101	24.1		103	29.8	0
2850	NK Brand	NK9535-V	102	29.9	0	108	21.1	0	101	24.0		113	27.0	0
2850	PRIDE Seeds	A6572G2 RIB	100	31.0	0	105	19.4	0	103	23.1		101	27.3	0
2875	DEKALB	DKC45-35RIB	114	30.5	0	105	18.6	0	109	23.9		114	28.1	0
2875	DEKALB	DKC46-50RIB	107	30.2	0	104	20.3	0	104	23.8		100	30.2	0
2875	DLF	DLF 2891GSX RIB	116	33.2	0	103	19.3	0	103	26.1		107	29.6	0
2875	NK Brand	NK9601-AA	109	29.7	0	101	19.7	0	106	24.0		111	27.5	0
2875	NK Brand	NK9653-DV	99	32.3	0	101	19.9	0	93	23.8		110	27.1	0
2900	CROPLAN	CP3720TRE	104	29.9	0	98	19.0	0	108	23.5		112	26.4	0
2900	DEKALB	DKC096-21RIB	104	31.6	0	105	21.5	0	109	24.6		115	28.5	1
2900	DEKALB	DKC46-40RIB	108	31.6	0	112	19.1	0	109	22.6		112	25.9	0
LSD (0.10) for Yield Index Points*			10			12			6			10		
Average all hybrids†			241	29.5	0	222	19.0	0	304	22.5		205	26.0	0

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TABLE 3E – Bainsville, Ottawa, Winchester

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2022-2023 averages ¹				2023 averages ²			
				average of 5 trials				average of 2 trials			
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index
2600	Pioneer	P8602AM	23	L	98	18.9	103	92	19.8	1	105
2600	Pioneer	P8859AM	23	L	94	18.6	103	95	20.6	0	104
2650	Brevant	B91T25AM	23	L	100	20.0	101	103	21.8	1	103
2650	CROPLAN	2790VT2P/RIB	6	F	94	18.2	104	90	19.1	0	105
2650	Pioneer	P9026AM	23	L	100	19.1	103	101	20.9	0	105
2650	Pioneer	P90630Q	36	L				101	21.0	1	104
2700	CROPLAN	2965VT2P/RIB	6	F	93	18.6	103	88	20.2	1	106
2725	Brevant	B92D25Q	36	L				98	21.6	1	101
2725	Brevant	B92R26Q	36	L				95	21.5	0	99
2725	CROPLAN	CP2972SS	8	F	96	19.8	102	98	22.2	0	102
2725	CROPLAN	CP3166VT2P	6	F	98	19.7	100	94	21.8	2	100
2725	Maizex	MZ 3117DBR	6	F	99	19.3	100	97	21.4	0	101
2725	NK Brand	NK9023-DV	34	F	97	19.3	101	96	21.0	0	102
2725	Pioneer	P9233AM	23	L	99	19.8	102	98	22.1	1	103
2750	Brevant	B93C41AM	23	L				99	22.2	0	105
2750	De Dell	DL 3146	0	—	93	19.7	103	92	21.2	0	104
2750	Horizon	HZ 3260	0	F	94	19.0	100	96	20.9	1	102
2750	Maizex	MZ 3120SMX	8	F	98	20.5	102	101	23.0	0	102
2750	Maizex	MZ 314	0	F	99	20.8	100	95	24.0	3	98
2750	NK Brand	NK9175-DV	34	F	99	20.8	102	98	22.3	1	103
2750	Pioneer	P9316Q	36	L	101	19.9	104	101	21.9	0	104
2775	Maizex	MZ 3314SMX	8	F	100	20.5	101	98	22.9	1	101
2800	CROPLAN	CP3341SS	8	F	98	19.6	99	96	21.9	0	101
2800	Horizon	HZ 3375	27	F	94	20.9	99	93	23.4	2	99
2800	Pioneer	P9466AML	37	L	102	20.0	99	101	22.4	0	100
2825	Brevant	B95R46AMXT	24	L				98	22.1	1	100
2825	Pioneer	P9535AM	23	L	101	20.6	100	98	23.3	1	101
2825	PRIDE Seeds	J4208TRC	32	F				99	22.8	0	101
2850	Brevant	B96H83AM	23	L	98	21.0	101	99	23.0	0	102
2850	Brevant	B96R56AM	23	L	97	20.4	104	96	22.6	1	104
2850	CROPLAN	CP3490VT2P	6	F	101	20.5	99	97	22.4	0	101
2850	De Dell	DL 3905	0	—				102	21.5	1	101
2850	DEKALB	DKC44-80RIB	6	AD	105	19.9	99	104	22.3	1	99
2850	Horizon	HZ 3584	34	F	99	21.4	97	102	23.8	2	98
2850	Maizex	MZ 3505DBR	6	F	102	21.2	100	104	24.1	0	98
2850	Maizex	MZ 3528DBR	6	F				105	22.9	0	100
2850	NK Brand	NK9535-V	27	F	101	20.9	101	97	23.1	1	102
2850	Pioneer	P9624Q	36	L	100	20.7	100	98	23.2	1	99
2850	Pioneer	P96760AM	23	L				104	25.8	0	99
2850	PRIDE Seeds	A6566G8 RIB	8	F	97	19.8	101	97	22.1	0	102
2850	PRIDE Seeds	A6572G2 RIB	6	F	101	20.1	100	97	22.2	0	101
2875	DEKALB	DKC45-35RIB	6	AD	104	21.2	100	104	24.9	0	98
2875	DEKALB	DKC45-74RIB	8	AD	104	21.2	99	108	25.1	0	97
2875	DLF	DLF 2891GSX RIB	8	AD	103	21.6	99	104	26.1	0	98
2875	Maizex	MZ 369	0	F	99	20.3	97	103	22.8	0	98
2875	NK Brand	NK9601-AA	28	F				103	23.3	1	101
2875	NK Brand	NK9653-DV	34	F	96	20.9	101	97	22.9	0	102
2900	CROPLAN	CP3720TRE	32	F	100	20.4	101	101	23.2	1	101
2900	DEKALB	DKC096-21RIB	32	AD				110	24.2	0	98
2900	DEKALB	DKC46-40RIB	6	AD	104	20.4	102	109	22.7	0	103
2900	DLF	DLF 2954VT2P RIB	6	AD				102	25.0	0	99
2900	Pioneer	P97299AM	23	L				105	24.6	0	99
2900	PRIDE Seeds	A6694G2 RIB	6	F	101	20.8	101	98	23.5	0	99
2925	Brevant	B98D25Q	36	L				99	24.2	1	97
2925	Pioneer	P9823Q	36	L	105	21.3	98	102	23.7	0	99
2950	DEKALB	DKC48-08RIB	8	AD	105	21.3	98	105	25.3	0	98
2950	DEKALB	DKC48-70RIB	32	AD	107	21.4	99	106	24.8	0	98
2950	Maizex	MZ 3930DBR	6	F	102	22.4	99	100	25.8	0	97
2950	Maizex	MZ 397	0	F	104	21.0	98	106	23.4	0	97

Results of 2023 Performance Trials

BAINSVILLE

WINCHESTER

CHU	Brand and/or Hybrid	BAINSVILLE			WINCHESTER			
		Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	
2600	Pioneer	P8602AM	96	20.3	3	89	19.3	0
2600	Pioneer	P8859AM	102	21.4	0	89	19.7	0
2650	Brevant	B91T25AM	104	21.8	3	103	21.8	0
2650	CROPLAN	2790VT2P/RIB	91	18.9	0	89	19.4	0
2650	Pioneer	P9026AM	101	21.3	0	101	20.5	0
2650	Pioneer	P90630Q	109	21.7	3	93	20.3	0
2700	CROPLAN	2965VT2P/RIB	88	20.9	1	88	19.6	0
2725	Brevant	B92D25Q	101	22.1	1	96	21.2	0
2725	Brevant	B92R26Q	99	22.2	0	92	20.9	0
2725	CROPLAN	CP2972SS	92	21.8	0	103	22.6	0
2725	CROPLAN	CP3166VT2P	92	21.8	4	96	21.9	0
2725	Maizex	MZ 3117DBR	92	21.4	0	102	21.3	0
2725	NK Brand	NK9023-DV	97	21.2	0	95	20.8	0
2725	Pioneer	P9233AM	98	21.9	1	98	22.4	0
2750	Brevant	B93C41AM	103	22.5	0	95	21.9	0
2750	De Dell	DL 3146	98	21.8	0	88	20.6	0
2750	Horizon	HZ 3260	103	21.2	3	90	20.7	0
2750	Maizex	MZ 3120SMX	103	22.6	0	99	23.3	0
2750	Maizex	MZ 314	91	24.1	6	99	24.0	0
2750	NK Brand	NK9175-DV	98	22.6	1	97	22.0	0
2750	Pioneer	P9316Q	103	21.6	0	100	22.1	0
2775	Maizex	MZ 3314SMX	96	23.0	1	101	22.8	0
2800	CROPLAN	CP3341SS	92	21.7	0	99	22.1	0
2800	Horizon	HZ 3375	91	23.1	3	95	23.7	0
2800	Pioneer	P9466AML	99	21.9	0	102	22.9	0
2825	Brevant	B95R46AMXT	99	22.7	1	96	21.4	0
2825	Pioneer	P9535AM	94	22.8	3	102	23.7	0
2825	PRIDE Seeds	J4208TRC	99	22.5	0	99	23.0	0
2850	Brevant	B96H83AM	100	23.8	0	99	22.2	0
2850	Brevant	B96R56AM	100	23.0	3	93	22.2	0
2850	CROPLAN	CP3490VT2P	99	22.7	0	96	22.1	0
2850	De Dell	DL 3905	112	21.9	1	94	21.2	0
2850	DEKALB	DKC44-80RIB	101	21.8	1	107	22.8	0
2850	Horizon	HZ 3584	102	23.1	4	101	24.6	0
2850	Maizex	MZ 3505DBR	102	24.3	0	106	23.9	0
2850	Maizex	MZ 3528DBR	100	23.1	0	109	22.6	0
2850	NK Brand	NK9535-V	96	22.4	1	98	23.8	0
2850	Pioneer	P9624Q	95	23.0	1	100	23.3	0
2850	Pioneer	P96760AM	99	26.4	0	107	25.2	0
2850	PRIDE Seeds	A6566G8 RIB	96	22.1	0	97	22.1	0
2850	PRIDE Seeds	A6572G2 RIB	96	22.2	0	97	22.2	0
2875	DEKALB	DKC45-35RIB	108	24.2	0	100	25.6	0
2875	DEKALB	DKC45-74RIB	110	24.7	0	106	25.5	0
2875	DLF	DLF 2891GSX RIB	108	25.8	0	102	26.3	0
2875	Maizex	MZ 369	104	23.2	0	102	22.4	0
2875	NK Brand	NK9601-AA	106	23.6	1	100	23.0	0
2875	NK Brand	NK9653-DV	97	22.5	0	98	23.3	0
2900	CROPLAN	CP3720TRE	105	23.2	1	98	23.1	0
2900	DEKALB	DKC096-21RIB	108	24.1	0	111	24.3	0
2900	DEKALB	DKC46-40RIB	105	22.9	0	112	22.4	0
2900	DLF	DLF 2954VT2P RIB	96	25.1	0	106	24.9	0
2900	Pioneer	P97299AM	104	24.5	0	106	24.7	0
2900	PRIDE Seeds	A6694G2 RIB	97	23.2	0	99	23.8	0
2925	Brevant	B98D25Q	101	23.1	1	96	25.3	0
2925	Pioneer	P9823Q	109	23.3	0	96	24.0	0
2950	DEKALB	DKC48-08RIB	104	24.5	0	106	26.0	0
2950	DEKALB	DKC48-70RIB	103	24.3	0	109	25.2	0
2950	Maizex	MZ 3930DBR	104	24.3	0	97	27.2	0
2950	Maizex	MZ 397	105	22.1	0	106	24.7	0

(continued)

TABLE 3E — Bainsville, Ottawa, Winchester (continued)

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2022-2023 averages ¹				2023 averages ²			
				average of 5 trials				average of 2 trials			
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index
2950	Pioneer P9845PCE	30	L					100	25.4	1	96
2975	DEKALB DKC49-09RIB	6	AD	103	21.5		99	104	24.4	1	99
2975	DLF DLF 2955GSX RIB	8	AD	96	21.6		100	97	25.8	0	97
2975	DLF DLF 2991VT2P RIB	6	AD	107	21.6		98	105	24.7	0	97
2975	Maizex MZ 4049SMX	8	F	101	22.4		99	102	26.0	0	98
3000	Brevant B00R96AM	23	L	101	23.7		98	103	27.7	0	97
3000	DLF DLF 3039TRE RIB	32	AD					105	27.5	0	96
3000	Maizex MZ 4151TRE	32	F	100	21.7		97	109	25.1	0	97
3000	NK Brand NK0007-AA	28	F	101	22.4		100	100	25.5	1	100
3000	NK Brand NK9991-D	33	F	101	23.1		98	100	25.8	1	97
3000	Pioneer P0035AM	23	L	106	23.3		96	110	26.6	0	96
3000	Pioneer P0075AM	23	L	101	23.9		96	100	27.2	1	96
3000	Saatbau Arcadio	0	C	93	19.6		98	87	21.4	1	100
3075	DEKALB DKC101-35RIB	6	AD	108	23.4		98	109	27.0	0	95
3100	DEKALB DKC52-52RIB	8	AD	101	23.6		98	97	27.8	0	95
LSD (0.10) for Yield Index Points*				3				5			
Average all hybrids†				231				20.8			
				71				239			
				23.4				0			
				67							

¹ Bainsville 2022-2023, Williamsburg 2022, Winchester 2022-2023

² Bainsville, Winchester

* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

† Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

2023 VARIETIES SELECTED

Variety	Variety	Variety
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Seeding date:

Harvest date:

Yield:

2023: TOP PICKS

		Results of 2023 Performance Trials					
		BAINSVILLE			WINCHESTER		
CHU	Brand and/or Hybrid	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
2950	Pioneer P9845PCE	101	24.6	3	98	26.2	0
2975	DEKALB DKC49-09RIB	97	23.8	3	111	25.0	0
2975	DLF DLF 2955GSX RIB	94	24.8	0	99	26.7	0
2975	DLF DLF 2991VT2P RIB	100	24.2	0	109	25.1	0
2975	Maizex MZ 4049SMX	101	25.2	0	104	26.7	0
3000	Brevant B00R96AM	101	26.6	0	104	28.8	0
3000	DLF DLF 3039TRE RIB	98	26.6	0	112	28.5	0
3000	Maizex MZ 4151TRE	111	24.7	0	106	25.6	0
3000	NK Brand NK0007-AA	102	25.2	1	98	25.7	0
3000	NK Brand NK9991-D	96	26.0	1	104	25.6	0
3000	Pioneer P0035AM	109	25.6	0	111	27.7	0
3000	Pioneer P0075AM	99	26.6	1	101	27.8	0
3000	Saatbau Arcadio	89	20.9	1	84	21.8	0
3075	DEKALB DKC101-35RIB	108	25.8	0	110	28.3	0
3100	DEKALB DKC52-52RIB	93	26.5	0	101	29.1	0
LSD (0.10) for Yield Index Points*		8			5		
Average all hybrids†		226	23.2	1	252	23.6	0

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NEW VARIETIES


 OAC Bruton
  *OAC Union*
 *Beliveau R2X
  Keith XF

TABLE 3W – Blyth, Port Hope, Waterloo

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2022-2023 averages ¹				2023 averages ²				
				average of 6 trials				average of 3 trials				
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index	
2600	Pioneer	P8859AM	23	L	99	21.6	0	101	98	22.6	0	101
2625	CROPLAN	CP2585VT2P	6	F					92	22.5	0	101
2650	Brevant	B91T25AM	23	L	98	21.8	1	101	101	22.7	3	100
2650	CROPLAN	2790VT2P/RIB	6	F	93	20.1	1	103	93	20.6	0	104
2650	Pioneer	P9026AM	23	L	98	21.8	0	103	99	22.1	1	103
2650	Pioneer	P90630Q	36	L					103	22.7	0	101
2700	CROPLAN	2965VT2P/RIB	6	F	89	21.0	1	102	89	22.1	0	103
2725	Brevant	B92D25Q	36	L					97	23.6	0	99
2725	Brevant	B92R26Q	36	L					100	22.5	1	99
2725	CROPLAN	CP2972SS	8	F	96	22.2	0	102	96	23.3	0	102
2725	CROPLAN	CP3166VT2P	6	F	97	22.7	0	99	95	23.7	0	100
2725	Maizex	MZ 3117DBR	6	F	99	22.4	0	98	97	23.3	0	98
2725	NK Brand	NK9023-DV	34	F	97	21.6	0	101	95	22.5	0	101
2725	Pioneer	P9233AM	23	L	96	22.7	0	101	100	23.8	1	101
2750	Brevant	B93C41AM	23	L					102	23.6	0	103
2750	De Dell	DL 3146	0	—	100	21.7	1	102	99	22.7	1	102
2750	Horizon	HZ 3247	34	F					95	24.2	0	101
2750	Horizon	HZ 3260	0	F	98	21.8	1	99	98	22.8	2	99
2750	NK Brand	NK9175-DV	34	F	100	23.0	0	101	97	23.6	0	102
2750	Pioneer	P9316Q	36	L	100	22.1	0	103	100	23.2	1	102
2775	Maizex	MZ 3314SMX	8	F	99	23.1	0	100	99	24.1	0	99
2800	CROPLAN	CP3341SS	8	F	98	23.1	0	101	98	24.8	0	100
2800	Horizon	HZ 3386	33	F	99	23.7	1	99	99	25.4	1	99
2800	Pioneer	P9466AML	37	L	97	23.3	2	99	98	24.6	4	100
2825	Brevant	B95R46AMXT	24	L					94	24.7	0	100
2825	Pioneer	P9535AM	23	L	101	22.7	0	101	103	23.7	0	101
2825	PRIDE Seeds	J4208TRC	32	F					98	24.8	0	100
2850	Brevant	B96H83AM	23	L	98	24.1	0	100	102	25.2	0	100
2850	Brevant	B96R56AM	23	L	95	22.8	0	103	93	23.8	1	102
2850	CROPLAN	CP3490VT2P	6	F	104	23.8	0	98	104	24.5	0	98
2850	De Dell	DL 3905	0	—					111	24.4	0	99
2850	Horizon	HZ 3584	34	F	100	23.2	0	98	103	24.5	0	99
2850	Maizex	MZ 3505DBR	6	F	100	22.7	0	100	98	23.8	0	100
2850	Maizex	MZ 3528DBR	6	F					103	24.2	0	100
2850	NK Brand	NK9535-V	27	F	100	23.7	0	102	99	24.7	0	102
2850	Pioneer	P9624Q	36	L	96	23.6	0	99	98	24.7	0	99
2850	PRIDE Seeds	A6566G8 RIB	8	F	100	22.9	0	101	98	23.7	0	101
2850	PRIDE Seeds	A6572G2 RIB	6	F	102	22.9	0	100	102	24.2	1	100
2875	DEKALB	DKC45-35RIB	6	AD	102	23.3	0	101	103	24.6	0	101
2875	DEKALB	DKC45-74RIB	8	AD	103	24.0	0	99	102	25.3	0	99
2875	DLF	DLF 2891GSX RIB	8	AD	103	23.7	1	100	100	24.7	1	100
2875	NK Brand	NK9601-AA	28	F					100	24.6	0	101
2875	NK Brand	NK9653-DV	34	F	96	23.4	0	103	94	24.6	1	103
2900	CROPLAN	CP3720TRE	32	F	99	24.0	0	100	98	25.2	0	100
2900	DEKALB	DKC096-21RIB	32	AD					105	25.5	1	98
2900	DEKALB	DKC46-40RIB	6	AD	105	23.5	0	100	106	24.3	1	101
2900	DLF	DLF 2954VT2P RIB	6	AD					100	24.9	0	99
2900	Pioneer	P97299AM	23	L					103	27.0	0	99
2900	PRIDE Seeds	A6694G2 RIB	6	F	100	23.7	0	100	103	25.1	0	99
2925	Brevant	B98D25Q	36	L					101	25.9	0	97
2925	Horizon	K2112N	0	C	95	24.7	0	100	92	25.6	0	101
2925	Pioneer	P9823Q	36	L	106	24.3	0	98	107	25.6	1	99
2950	DEKALB	DKC48-08RIB	8	AD	103	24.9	0	98	104	26.0	0	98
2950	Maizex	MZ 3930DBR	6	F	106	24.6	0	99	105	26.1	0	99
2950	Pioneer	P9845PCE	30	L					106	26.8	0	97
2975	DEKALB	DKC49-09RIB	6	AD	100	23.6	0	100	98	24.4	0	100
2975	DLF	DLF 2955GSX RIB	8	AD	99	24.0	0	100	97	25.2	0	100
2975	DLF	DLF 2991VT2P RIB	6	AD	104	24.3	0	99	102	25.0	0	99
2975	Maizex	MZ 4049SMX	8	F	105	25.3	0	99	106	26.7	0	99
3000	Brevant	B00R96AM	23	L	99	26.0	0	99	100	27.4	1	99

Results of 2023 Performance Trials

CHU	Brand and/or Hybrid	Results of 2023 Performance Trials									
		BLYTH			PORT HOPE			WATERLOO			
		Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	
2600	Pioneer	P8859AM	93	24.1	0	101	18.9	0	101	24.9	0
2625	CROPLAN	CP2585VT2P	85	25.3	0	96	17.6	0	95	24.5	0
2650	Brevant	B91T25AM	105	25.6	0	94	18.2	9	104	24.3	0
2650	CROPLAN	2790VT2P/RIB	87	22.4	0	102	17.2	0	89	22.2	1
2650	Pioneer	P9026AM	99	24.6	0	100	18.0	3	97	23.8	0
2650	Pioneer	P90630Q	101	24.2	1	104	18.2	0	105	25.8	0
2700	CROPLAN	2965VT2P/RIB	84	24.5	0	93	17.9	1	89	24.0	0
2725	Brevant	B92D25Q	95	25.7	0	102	19.8	0	94	25.3	0
2725	Brevant	B92R26Q	100	25.2	0	97	18.3	1	103	24.1	0
2725	CROPLAN	CP2972SS	91	26.2	0	100	17.8	0	98	25.9	0
2725	CROPLAN	CP3166VT2P	90	25.6	0	100	18.0	0	95	27.5	1
2725	Maizex	MZ 3117DBR	96	26.4	0	96	18.5	0	97	25.0	0
2725	NK Brand	NK9023-DV	97	25.0	0	95	18.4	0	94	24.3	0
2725	Pioneer	P9233AM	96	26.2	0	103	19.5	2	101	25.7	0
2750	Brevant	B93C41AM	100	26.6	0	107	18.4	0	99	25.8	0
2750	De Dell	DL 3146	96	25.7	0	99	18.2	2	101	24.3	0
2750	Horizon	HZ 3247	100	27.1	0	92	19.5	0	92	26.1	0
2750	Horizon	HZ 3260	103	25.9	2	98	18.2	3	95	24.3	1
2750	NK Brand	NK9175-DV	95	27.2	0	90	19.1	0	107	24.4	1
2750	Pioneer	P9316Q	98	26.4	0	102	17.8	2	101	25.4	0
2775	Maizex	MZ 3314SMX	97	26.9	0	103	19.5	0	96	26.0	0
2800	CROPLAN	CP3341SS	100	28.5	0	103	18.5	0	92	27.3	0
2800	Horizon	HZ 3386	99	29.0	0	97	18.9	3	102	28.2	0
2800	Pioneer	P9466AML	98	28.9	0	97	18.2	13	99	26.6	0
2825	Brevant	B95R46AMXT	98	28.2	0	85	17.9	1	99	28.0	0
2825	Pioneer	P9535AM	103	26.8	0	101	18.1	1	105	26.1	0
2825	PRIDE Seeds	J4208TRC	92	28.6	0	104	18.7	0	97	27.3	0
2850	Brevant	B96H83AM	103	28.3	0	98	18.8	1	103	28.5	0
2850	Brevant	B96R56AM	96	27.7	0	89	18.2	2	94	25.6	0
2850	CROPLAN	CP3490VT2P	98	28.4	0	110	18.6	1	103	26.6	0
2850	De Dell	DL 3905	117	26.3	0	108	19.8	1	108	26.9	0
2850	Horizon	HZ 3584	104	28.0	1	100	19.4	0	105	26.0	0
2850	Maizex	MZ 3505DBR	97	26.5	0	100	18.4	0	98	26.5	0
2850	Maizex	MZ 3528DBR	101	28.6	1	104	18.5	0	105	25.4	0
2850	NK Brand	NK9535-V	103	29.1	0	94	18.4	1	100	26.6	0
2850	Pioneer	P9624Q	98	28.0	0	98	19.2	0	97	26.8	0
2850	PRIDE Seeds	A6566G8 RIB	95	27.3	0	101	18.7	0	98	25.1	0
2850	PRIDE Seeds	A6572G2 RIB	98	28.0	0	104	18.4	1	104	26.3	0
2875	DEKALB	DKC45-35RIB	103	29.3	0	108	18.4	1	99	26.0	0
2875	DEKALB	DKC45-74RIB	105	30.0	0	105	17.8	0	98	28.0	0
2875	DLF	DLF 2891GSX RIB	105	29.4	1	95	18.3	1	100	26.4	0
2875	NK Brand	NK9601-AA	102	28.1	0	94	18.8	0	104	26.8	0
2875	NK Brand	NK9653-DV	97	27.9	0	89	18.8	3	96	27.2	0
2900	CROPLAN	CP3720TRE	103	29.5	0	94	19.1	0	96	27.0	0
2900	DEKALB	DKC096-21RIB	110	29.6	0	109	19.9	1	97	27.1	0
2900	DEKALB	DKC46-40RIB	108	27.8	0	100	18.0	3	109	26.9	0
2900	DLF	DLF 2954VT2P RIB	101	28.7	0	106	19.1	0	95	27.0	0
2900	Pioneer	P97299AM	101	30.6	0	103	20.0	0	104	30.3	0
2900	PRIDE Seeds	A6694G2 RIB	104	28.9	0	102	18.7	0	104	27.6	0
2925	Brevant	B98D25Q	97	29.1	0	117	20.3	0	92	28.4	0
2925	Horizon	K2112N	93	29.8	0	91	19.0	0	92	28.1	0
2925	Pioneer	P9823Q	101	29.1	1	103	18.9	1	115	28.7	0
2950	DEKALB	DKC48-08RIB	105	30.1	0	110	20.3	1	97	27.4	0
2950	Maizex	MZ 3930DBR	109	31.2	0	100	18.7	0	105	28.5	0
2950	Pioneer	P9845PCE	113	30.0	0	98	19.9	0	108	30.4	0
2975	DEKALB	DKC49-09RIB	101	27.7	0	95	18.0	0	99	27.5	0
2975	DLF	DLF 2955GSX RIB	94	29.5	0	91	18.4	0	105	27.7	0
2975	DLF	DLF 2991VT2P RIB	106	29.2	0	107	19.1	1	96	26.6	0
2975	Maizex	MZ 4049SMX	111	31.5	0	103	20.1	0	105	28.5	0
3000	Brevant	B00R96AM	102	31.2	1	105	20.3	1	93	30.8	0

(continued)

TABLE 3W – Blyth, Port Hope, Waterloo (continued)

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2022-2023 averages ¹				2023 averages ²			
					average of 6 trials				average of 3 trials			
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index
3000	DLF	DLF 3039TRE RIB	32	AD					104	27.1	1	99
3000	NK Brand	NK0007-AA	28	F	106	25.3	0	100	103	26.6	1	100
3000	NK Brand	NK9991-D	33	F	99	25.1	0	99	99	25.8	0	99
3000	Pioneer	P0035AM	23	L	105	26.0	0	98	104	27.6	0	99
3000	Pioneer	P0075AM	23	L	99	26.5	0	98	97	28.4	0	98
3025	Horizon	HZ 4169	27	F	97	25.4	0	98	96	26.7	0	99
3075	DEKALB	DKC101-35RIB	6	AD	107	25.0	0	97	106	26.0	0	97
3100	DEKALB	DKC52-52RIB	8	AD	104	25.6	0	98	101	26.5	0	99
3100	Maizex	MZ 4158DBR	6	F	108	25.3	0	99	109	26.5	0	99
LSD (0.10) for Yield Index Points*					4				6			
Average all hybrids†					215	23.5	0	70	231	24.6	0	68

¹ Blyth 2022-2023, Port Hope 2022-2023, Waterloo 2022-2023

² Blyth, Port Hope, Waterloo

* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

† Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

CORN PERFORMANCE TRIAL MANAGEMENT INFORMATION

Location	Table	Previous Crop	Tillage		Soil Test Ratings			Fertilizer Applications			
			Fall	Spring	P	K	pH	N	P2O5	K2O	S
Harriston	1	Soybeans		Conventional	MR	HR	6.3	180	75	100	
Dundalk	1	Soybeans		Conventional	MR	LR	7.4	200	75	100	
Elora	2	Wheat	Disc	Cultivator	MR	LR	7.5	170	130	130	10
Port Hope T2	2	Soybeans		Conventional	LR	LR	7.3	200	75	100	
Kinburn	2	Soybeans	None	Disc, Cultivator	RR	MR	6.8	159.3	51	18.7	34
Wingham	2	Winter Wheat						195	13	3	1
Bainville	3E	Soybeans		Conventional	MR	MR	5	200	75	100	
Ottawa	3E	Oats	Mold Board	Mulch And Chisel	MR	MR	7.4	250			
Winchester	3E	Soybeans	Chisel Plow	Cultivator	LR	LR	6	189	87	63	17
Blyth	3W	Winter Wheat	Strip Till	Strip Till				162	13	3	1
Port Hope	3W	Soybeans		Conventional	LR	LR	7.3	200	75	100	
Waterloo	3W	Wheat	Chisel Plow	Cultivator & Disc	LR	RR	7	190	72	112	19
Exeter	4	Winter Wheat	No	High Speed Disk					13	3	1
Ilderton	4	Winter Wheat	Chisel	Cultivate					13	3	1
Woodstock	4	Soybeans		Conventional	HR	LR	7.1	200	75	100	
Belmont	4	Wheat	Disk	Cultivate				206	13	3	1
Ridgetown	5	Soybeans	Chisel Plow	Cultivate				206	13	3	1
Tilbury	5	Wheat	Chisel Plow	Cultivate				206	13	3	1
Dresden	5	Wheat	Chisel Plow	Cultivate				206	13	3	1

		Results of 2023 Performance Trials									
		BLYTH			PORT HOPE			WATERLOO			
CHU	Brand and/or Hybrid		Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %
3000	DLF	DLF 3039TRE RIB	102	31.6	0	104	20.2	2	107	29.4	0
3000	NK Brand	NK0007-AA	102	31.7	0	110	19.4	1	99	28.8	0
3000	NK Brand	NK9991-D	97	30.4	0	95	20.2	0	104	26.8	0
3000	Pioneer	P0035AM	106	32.0	0	102	20.3	1	105	30.5	0
3000	Pioneer	P0075AM	99	32.9	0	96	20.3	0	97	31.9	0
3025	Horizon	HZ 4169	97	30.8	0	95	19.8	0	96	29.4	0
3075	DEKALB	DKC101-35RIB	105	30.4	0	108	18.3	0	104	29.3	0
3100	DEKALB	DKC52-52RIB	107	30.7	0	93	19.4	1	104	29.4	0
3100	Maizex	MZ 4158DBR	110	30.8	0	102	19.6	1	113	29.2	0
LSD (0.10) for Yield Index Points*			7			13			10		
Average all hybrids†			231	28.2	0	220	18.8	1	241	26.9	0

Location	Herbicide or Pesticide Applications				Rainfall (mm)						
	Product	Rate	Date	Method	May	Jun	Jul	Aug	Sep	Total	
Harriston	Acuron	2L/ac	May 16	pre	49	108	128	59	29	373	
Dundalk	Corvus	5.6oz/ac	May 15	pre	49	125	132	78	29	413	
Elora	Acuron	4.8 l/ha	May 26	post	39	84	190	108	42	463	
	Accent	33.4 g/ha	Jun 14	post							
	Callisto	.24 l/ha	Jun 14	post							
Port Hope T2	Acuron	2L/ac	May 19	pre	51	68	85	89	23	316	
Kinburn	Acuron	1.96 L/ac	May 31	post	103	133	102	87	23	448	
Wingham	Integrity	440 mL/ac	May 06	ppi	63	57	115	123	71	429	
	Roundup	1 L/ac	May 06	ppi							
Bainsville	Acuron	2L/ac	May 19	pre	89	45	150	90	58	432	
Ottawa	Primextra II Magnum	4.0L/ha	May 11	pre	24	105	163	157	152	601	
	Roundup Weathermax with Transo	1.67L/h	May 11	pre							
	Ultim 75 DF	33.3g/ha	Jun 15	post							
	Distinct	285g/h	Jun 15	post							
Winchester	Dual II Magnum	0.5 L/ac	May 10	ppi	69	33	143	43	48	336	
	Acuron	1.96 L/ac	May 30	post							
	Distinct	115 g/ac	Jun 30	post							
	Accent	13 g/ac	Jun 30	post							
Blyth	Integrity	0.3 L/ac	May 06	pre	40	72	150	107	75	444	
	glyphosate	1 L/ac	May 06	pre							
Port Hope	Acuron	2L/ac	May 19	pre	51	68	85	89	23	316	
Waterloo	Primextra	3.1 l/ha	Apr 20	pre	48	93	180	139	31	491	
	Callisto	.3 l/ha	May 30	post							
Exeter	Frontier Max		May 16	ppi	32	75	230	130	75	542	
	Marksman		Jun 05	post							
Ilderton	Acuron	1.96 L/ac	May 30	post	28	69	235	128		N/A	
	Option	0.63 L/ac	Jun 14	post							
Woodstock	Corvus	5.6oz/ac	May 17	pre	45	63	168	107	49	432	
	Delaro Complete	586mL/ac	Aug 16	post							
Belmont	Acuron	1.4 L/ac	Nov 01	post	22	45	228	74	40	409	
	Accent	33.4 g/ac	Nov 14	post							
	Headline AMP	400 ml/ac	Aug 02	post							
Ridgetown	Acuron	1.96 L/ac	May 31	post	11	82	101	91	42	327	
	Headline AMP	400 ml/ac	Aug 01	post							
Tilbury	Acuron	1.96 L/ac	May 31	post	23	97	101	91	45	357	
	Headline AMP	400 ml/ac	Aug 03	post							
Dresden	Acuron	1.96 L/ac	May 29	post	9	80	101	91	45	326	
	Headline Amp	400 ml/ac	Aug 03	post							

TABLE 4 – Exeter, Ilderton, Woodstock, Belmont

CHU	Brand and/or Hybrid	GM Trait	Seed Trt	2022-2023 averages ¹				2023 averages ²					
				average of 8 trials				average of 4 trials					
				Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index		
2750	Pioneer	P9316Q	36	L	91	21.5	0	106	91	22.4	0	105	
2800	CROPLAN	CP3341SS	8	F					95	22.4	0	101	
2800	Pioneer	P9466AML	37	L					96	22.5	0	101	
2825	Brevant	B95R46AMXT	24	L					96	22.6	1	102	
2825	Pioneer	P9535AM	23	L	94	21.5	0	104	93	22.4	0	104	
2850	Brevant	B96H83AM	23	L	93	22.5	0	103	94	23.5	0	103	
2850	Brevant	B96R56AM	23	L	95	21.8	0	106	96	22.8	0	105	
2850	CROPLAN	CP3490VT2P	6	F					93	23.9	0	100	
2850	De Dell	DL 3905	0	—					110	22.4	0	101	
2850	Maizex	MZ 3505DBR	6	F	97	21.9	0	103	97	22.8	0	103	
2850	Maizex	MZ 3528DBR	6	F					98	22.2	0	103	
2850	Pioneer	P9624Q	36	L	96	23.1	0	102	96	24.2	0	101	
2875	Maizex	MZ 369	0	F	97	22.1	0	101	96	22.9	0	99	
2875	PRIDE Seeds	A6580G4 RIB	32	F					98	23.2	0	103	
2900	CROPLAN	CP3720TRE	32	F	98	22.3	0	103	99	23.1	0	103	
2900	Pioneer	P97299AM	23	L					97	25.5	0	100	
2925	Brevant	B98D25Q	36	L					90	23.6	0	99	
2925	CROPLAN	CP3823SS	8	F	98	23.1	0	104	97	24.4	0	102	
2925	Pioneer	P9823Q	36	L	101	23.0	0	99	99	24.2	0	99	
2950	CROPLAN	CP3980VT2P	6	F	102	23.2	0	101	102	24.8	0	100	
2950	Maizex	MZ 3930DBR	6	F	104	24.0	0	99	100	25.1	0	99	
2950	Maizex	MZ 397	0	F	104	22.5	0	101	104	22.9	0	101	
2950	Pioneer	P9845PCE	30	L					108	24.9	0	98	
2975	DEKALB	DKC49-09RIB	6	AD	100	22.7	0	103	98	23.5	0	102	
2975	DLF	DLF 2991VT2P RIB	6	AD	98	23.0	0	100	93	23.6	0	100	
2975	Horizon	HZ 3858	34	F					99	26.4	0	102	
2975	Maizex	MZ 4049SMX	8	F	103	24.2	0	101	104	25.1	0	100	
3000	Brevant	B00R96AM	23	L	97	25.8	0	99	95	26.7	1	100	
3000	DLF	DLF 3039TRE RIB	32	AD					104	25.6	1	100	
3000	Maizex	MZ 4151TRE	32	F	99	24.0	0	98	100	25.1	0	98	
3000	NK Brand	NK0007-AA	28	F					95	25.5	0	102	
3000	Pioneer	P0035AM	23	L	103	25.3	0	98	106	26.3	1	99	
3000	Pioneer	P0075AM	23	L	97	25.8	0	98	95	26.4	0	99	
3000	PRIDE Seeds	A6929G4 RIB	32	F	100	23.2	0	99	99	24.0	0	99	
3025	PRIDE Seeds	A7199G9 RIB	38	F					102	26.9	0	98	
3050	PRIDE Seeds	A7197G8 RIB	8	F	99	24.5	1	100	100	25.8	1	100	
3075	DEKALB	DKC101-35RIB	6	AD					107	25.1	0	96	
3075	NK Brand	NK0243-D	33	F	105	25.0	0	98	102	26.4	0	98	
3075	PRIDE Seeds	A7181	0	F	104	24.6	0	100	109	25.8	0	102	
3100	Horizon	HZ 4314	33	F	96	27.8	0	94	95	28.8	0	95	
3100	Maizex	MZ 4158DBR	6	F	103	24.6	0	99	107	26.1	0	99	
3100	NK Brand	NK0472-DV	34	F	97	25.5	0	101	101	26.6	0	102	
3125	Brevant	B04D72Q	36	L	105	27.7	0	97	105	28.5	0	98	
3125	Brevant	B04S21AM	23	L	98	27.4	0	99	98	28.6	0	101	
3125	DEKALB	DKC103-07RIB	32	AD					102	25.0	0	102	
3125	DEKALB	DKC53-60RIB	32	P	101	24.2	0	99	102	25.3	0	100	
3125	Pioneer	P0404AM	23	L	104	25.8	0	97	104	27.3	0	98	
3125	Pioneer	P04511AM	23	L					106	26.5	0	100	
3125	Pioneer	P0487Q	36	L	98	27.0	0	97	96	28.8	0	97	
3125	Pioneer	P04922Q	36	L									
3150	De Dell	DL 6090	0	—					100	27.9	1	98	
3150	Maizex	MZ 4577SMX	8	F	106	25.4	0	100	109	26.7	0	100	
3175	DEKALB	DKC105-35RIB	6	AD	111	26.0	0	96	113	27.2	0	97	
3175	DEKALB	DKC105-44RIB	38	AD					107	29.2	0	97	
3175	DEKALB	DKC54-77RIB	6	AD	103	24.1	0	99	104	25.0	0	99	
3175	NK Brand	NK0696-D	33	F					95	27.7	0	95	
3200	Maizex	MZ 4608SMX	8	F	103	26.3	0	97	103	27.8	0	96	
LSD (0.10) for Yield Index Points*					3				5				
Average all hybrids†					228	24.2	0	67	230	25.2	0	64	

¹ Exeter 2022-2023, Ilderton 2022-2023, Woodstock 2022-2023, Belmont 2022-2023

² Exeter, Ilderton, Woodstock, Belmont

* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

† Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

Results of 2023 Performance Trials

CHU	Brand and/or Hybrid	BELMONT			EXETER			ILDERTON			WOODSTOCK			
		Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	
2750	Pioneer	P9316Q	94	20.3	0	90	23.8	0	83	24.0	0	96	21.4	0
2800	CROPLAN	CP3341SS	95	20.4	0	95	23.1	0	91	24.5	0	97	21.4	0
2800	Pioneer	P9466AML	101	20.9	0	97	23.4	0	83	23.6	0	101	22.0	0
2825	Brevant	B95R46AMXT	93	20.1	0	96	23.1	4	96	24.5	0	99	22.6	0
2825	Pioneer	P9535AM	100	20.7	0	90	23.8	1	88	22.5	0	94	22.4	0
2850	Brevant	B96H83AM	93	20.7	0	96	25.3	0	89	24.6	0	98	23.3	0
2850	Brevant	B96R56AM	98	21.6	0	101	24.2	0	88	24.5	0	95	21.0	1
2850	CROPLAN	CP3490VT2P	92	21.6	0	92	25.2	0	88	26.1	0	102	22.5	0
2850	De Dell	DL 3905	113	21.1	0	104	23.0	0	111	23.8	0	109	21.7	1
2850	Maizex	MZ 3505DBR	99	20.6	0	103	23.7	0	93	25.8	0	94	21.3	0
2850	Maizex	MZ 3528DBR	97	20.3	0	98	23.8	0	104	23.5	0	94	21.3	1
2850	Pioneer	P9624Q	95	22.0	0	93	25.2	0	92	25.5	0	102	24.2	0
2875	Maizex	MZ 369	99	22.3	0	93	24.7	0	94	24.3	0	98	20.5	0
2875	PRIDE Seeds	A6580G4 RIB	101	20.6	0	90	24.6	1	99	24.5	0	101	23.2	0
2900	CROPLAN	CP3720TRE	99	21.3	0	96	24.0	0	100	24.8	0	102	22.3	1
2900	Pioneer	P97299AM	99	24.7	0	93	25.5	0	95	26.1	0	101	25.9	0
2925	Brevant	B98D25Q	90	21.4	0	98	24.5	0	79	24.8	0	94	23.4	0
2925	CROPLAN	CP3823SS	95	21.8	0	100	26.1	0	99	25.6	0	95	24.1	0
2925	Pioneer	P9823Q	100	21.0	0	100	24.3	2	91	26.3	0	106	24.9	0
2950	CROPLAN	CP3980VT2P	104	21.9	0	98	26.5	0	96	27.3	0	108	23.7	0
2950	Maizex	MZ 3930DBR	94	23.2	0	101	25.5	1	103	27.8	0	104	23.8	0
2950	Maizex	MZ 397	101	21.2	0	104	24.9	0	107	24.6	0	104	20.9	1
2950	Pioneer	P9845PCE	104	21.3	0	110	25.4	0	109	25.6	0	107	27.2	1
2975	DEKALB	DKC49-09RIB	96	21.2	0	94	24.2	0	101	25.1	0	102	23.4	0
2975	DLF	DLF 2991VT2P RIB	96	20.6	0	94	24.9	0	86	27.2	0	94	21.7	1
2975	Horizon	HZ 3858	98	25.1	0	93	27.6	1	105	26.8	0	99	26.3	0
2975	Maizex	MZ 4049SMX	102	22.8	0	107	26.2	0	104	27.8	0	104	23.5	0
3000	Brevant	B00R96AM	101	24.6	0	92	26.7	1	91	28.3	0	95	27.2	1
3000	DLF	DLF 3039TRE RIB	104	24.0	0	101	26.0	1	108	26.1	0	103	26.3	1
3000	Maizex	MZ 4151TRE	94	21.5	0	104	25.7	1	104	29.2	0	97	23.8	0
3000	NK Brand	NK0007-AA	88	23.6	0	99	26.4	2	98	27.2	0	97	24.7	0
3000	Pioneer	P0035AM	109	23.3	0	112	27.0	1	102	26.4	0	100	28.4	1
3000	Pioneer	P0075AM	91	24.5	0	94	27.2	0	96	27.1	0	99	26.8	0
3000	PRIDE Seeds	A6929G4 RIB	106	21.4	0	102	24.3	0	93	27.4	0	91	22.9	1
3025	PRIDE Seeds	A7199G9 RIB	98	23.3	0	104	27.9	0	106	28.8	0	102	27.5	0
3050	PRIDE Seeds	A7197G8 RIB	105	22.8	0	93	26.6	1	98	28.3	3	101	25.7	0
3075	DEKALB	DKC101-35RIB	109	23.8	0	101	26.2	1	110	26.4	0	108	23.9	0
3075	NK Brand	NK0243-D	98	24.1	0	108	26.2	0	105	28.2	0	99	27.0	1
3075	PRIDE Seeds	A7181	108	23.2	0	106	26.2	0	114	26.7	0	109	27.0	0
3100	Horizon	HZ 4314	103	25.6	0	101	28.7	1	84	31.7	0	92	29.3	0
3100	Maizex	MZ 4158DBR	107	23.5	0	105	27.7	0	110	27.9	0	104	25.5	0
3100	NK Brand	NK0472-DV	103	24.8	0	92	27.7	1	113	27.3	0	97	26.4	0
3125	Brevant	B04D72Q	103	25.7	0	109	28.8	0	109	29.9	0	98	29.9	0
3125	Brevant	B04S21AM	101	24.8	0	99	29.2	1	96	30.3	0	96	30.1	0
3125	DEKALB	DKC103-07RIB	95	22.3	0	101	28.2	0	111	25.8	0	101	23.7	0
3125	DEKALB	DKC53-60RIB	106	21.8	0	98	26.5	0	105	27.0	0	99	25.7	0
3125	Pioneer	P0404AM	101	24.7	0	102	28.7	0	106	27.4	0	107	28.5	0
3125	Pioneer	P04511AM	102	23.3	0	114	25.8	0	105	29.7	0	102	27.3	0
3125	Pioneer	P0487Q	97	25.1	0	100	30.1	0	88	30.7	0	99	29.4	0
3125	Pioneer	P04922Q				112	29.3	0	108	30.2	0	104	30.1	0
3150	De Dell	DL 6090	90	25.7	0	96	28.0	5	111	29.1	0	102	28.9	0
3150	Maizex	MZ 4577SMX	108	23.1	0	113	27.2	0	109	29.4	0	104	26.9	0
3175	DEKALB	DKC105-35RIB	110	24.5	0	117	27.5	0	118	28.7	0	106	28.0	0
3175	DEKALB	DKC105-44RIB	113	25.7	0	102	30.9	1	111	31.1	0	98	29.2	0
3175	DEKALB	DKC54-77RIB	103	21.8	0	99	26.8	0	114	26.7	0	102	24.6	0
3175	NK Brand	NK0696-D	100	24.6	0	96	29.3	0	95	28.5	0	89	28.6	0
3200	Maizex	MZ 4608SMX	99	23.8	0	102	28.8	1	108	30.1	0	105	28.5	0
LSD (0.10) for Yield Index Points*			10			10			11			6		
Average all hybridst			257	22.7	0	224	26.2	1	224	26.9	0	215	25.1	0

TABLE 5 – Ridgetown, Tilbury, Dresden

CHU	Brand and/or Hybrid		GM Trait	Seed Trt	2022-2023 averages ¹				2023 averages ²			
					average of 5 trials				average of 3 trials			
					Yield Index	Moist %	Ldg %	Test Wt Index	Yield Index	Moist %	Ldg %	Test Wt Index
2975	Maizex	MZ 4049SMX	8	F	101	18.6	0	101	101	19.7	0	102
3000	CROPLAN	4188VT2P/RIB	6	F	94	18.1	0	99	91	18.7	0	101
3000	Pioneer	P0035AM	23	L	100	19.3	0	100	99	20.4	0	100
3000	Pioneer	P0075AM	23	L	94	19.1	0	100	92	20.7	0	100
3050	CROPLAN	CP4265VT2P/RIB	6	F	96	18.7	0	100	97	19.8	0	101
3075	NK Brand	NK0243-D	33	F	96	19.4	0	98	95	21.3	0	99
3100	Maizex	MZ 4158DBR	6	F	100	18.9	0	101	102	20.5	0	100
3100	NK Brand	NK0472-DV	34	F	96	20.5	0	103	98	22.2	0	103
3125	Brevant	B04D72Q	36	L	106	20.2	0	99	108	21.2	0	100
3125	Brevant	B04S21AM	23	L	97	20.1	0	100	99	21.4	0	100
3125	DEKALB	DKC53-60RIB	32	P	102	18.3	0	101	102	19.7	0	100
3125	Pioneer	P0404AM	23	L	98	19.3	0	99	94	20.5	0	100
3125	Pioneer	P04511AM	23	L					103	20.4	0	101
3125	Pioneer	P0487Q	36	L	95	19.6	0	99	91	20.7	0	99
3125	Pioneer	P04922Q	36	L					101	21.4	0	100
3150	CROPLAN	CP4615TRE	32	F					103	20.2	0	99
3150	De Dell	DL 6090	0	—	99	20.1	0	98	101	21.9	0	98
3150	Maizex	MZ 4577SMX	8	F	98	19.2	0	102	97	20.5	0	101
3150	Pioneer	P0529Q	36	L	104	20.5	0	100	105	22.2	0	99
3175	DEKALB	DKC105-35RIB	6	AD	106	19.5	0	98	106	20.7	0	98
3175	DEKALB	DKC105-44RIB	38	AD					105	22.1	0	99
3175	DEKALB	DKC56-15RIB	32	P			0				0	
3175	NK Brand	NK0696-D	33	F					93	20.8	0	98
3175	PRIDE Seeds	A7373G2 RIB	6	F	100	19.6	0	101	98	20.3	0	101
3200	Brevant	B07M64AM	23	L	100	20.8	0	100	100	22.8	0	100
3200	CROPLAN	CP4757VT2P	6	F					104	20.6	0	103
3200	DEKALB	DKC56-65RIB	8	P	104	20.4	0	98	102	21.0	0	99
3200	Maizex	MZ 460	0	F								
3200	Maizex	MZ 4608SMX	8	F	105	19.2	0	101	104	20.8	0	100
3200	PRIDE Seeds	I5509SSP	38	F					107	21.8	0	98
3225	Pioneer	P0720AM	23	L	100	21.7	0	98	102	23.3	0	98
3250	DEKALB	DKC58-64RIB	8	AD	100	19.9	0	101	100	21.2	0	101
3250	Maizex	MZ 4799SMX	8	F					98	21.0	0	101
3250	Pioneer	P0806AM	23	L	99	21.2	0	100	97	23.1	0	100
3250	Pioneer	P0859AM	23	L					103	22.5	0	98
3275	De Dell	DL 6880	0	—							0	
3275	Maizex	MZ 4821DBR	6	F	104	21.6	0	101	102	22.9	0	102
3350	PRIDE Seeds	A8188G8 RIB	8	F	101	22.6	0	99	98	23.4	0	100
3400	PRIDE Seeds	A8303G8 RIB	8	F	103	23.7	0	102	100	25.7	0	101
LSD (0.10) for Yield Index Points*					4				5			
Average all hybrids†					251	20.0	0	70	261	21.3	0	67

1 Ridgetown 2022-2023, Tilbury 2022-2023, Dresden 2022-2023

2 Ridgetown, Tilbury, Dresden

* The LSD is a measure of variability within the trial. Yield indices that differ by an amount less than or equal to the LSD should be considered to be equal.

† Average Yields are shown in bushels per acre. Average Test Weights are shown in kg/hl.

Hybrid selection should be based on the most data available. Emphasis should be put on averages from several locations and years because these provide a more accurate prediction of future performance than do single location results.

Note: The accuracy of moisture measurement decreases as moisture content increases. This also affects the accuracy of yield determination.

Results for hybrids with moisture contents over 30% should be interpreted with much caution.

Results of 2023 Performance Trials

CHU	Brand and/or Hybrid	DRESDEN			RIDGETOWN			TILBURY			
		Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	Yield Index	Moist %	Ldg %	
2975	Maizex	MZ 4049SMX	101	17.5	0	100	23.0	0	103	18.5	0
3000	CROPLAN	4188VT2P/RIB	90	16.7	0	93	21.8	0	91	17.4	0
3000	Pioneer	P0035AM	97	18.6	0	100	23.8	0	99	18.8	0
3000	Pioneer	P0075AM	92	18.6	0	91	23.6	0	93	19.8	0
3050	CROPLAN	CP4265VT2P/RIB	95	18.3	0	95	21.3	0	102	19.9	0
3075	NK Brand	NK0243-D	105	20.0	0	92	23.7	0	86	20.2	0
3100	Maizex	MZ 4158DBR	105	20.3	0	103	22.7	0	98	18.4	0
3100	NK Brand	NK0472-DV	99	20.6	0	98	24.9	0	97	21.2	0
3125	Brevant	B04D72Q	107	18.7	0	110	25.5	0	106	19.5	0
3125	Brevant	B04S21AM	100	19.1	0	96	26.0	0	102	19.2	0
3125	DEKALB	DKC53-60RIB	106	18.2	0	102	22.1	0	99	18.8	0
3125	Pioneer	P0404AM	95	19.0	0	89	23.0	0	98	19.5	0
3125	Pioneer	P04511AM	101	18.0	0	102	23.8	0	106	19.3	0
3125	Pioneer	P0487Q	98	18.8	0	95	24.2	0	79	19.2	0
3125	Pioneer	P04922Q	111	19.7	0	94	24.1	0	98	20.3	0
3150	CROPLAN	CP4615TRE	94	16.3	0	106	24.5	0	109	19.8	0
3150	De Dell	DL 6090	108	20.2	0	99	24.7	0	98	20.7	0
3150	Maizex	MZ 4577SMX	95	18.7	0	97	22.9	0	97	20.0	0
3150	Pioneer	P0529Q	106	20.5	0	105	25.6	0	103	20.4	0
3175	DEKALB	DKC105-35RIB	105	18.8	0	103	23.9	0	110	19.5	0
3175	DEKALB	DKC105-44RIB	101	19.1	0	105	26.3	0	110	21.0	0
3175	DEKALB	DKC56-15RIB	104	20.3	0			0	98	20.7	0
3175	NK Brand	NK0696-D	95	17.4	0	89	24.1	0	96	20.8	0
3175	PRIDE Seeds	A7373G2 RIB	96	17.3	0	98	22.9	0	98	20.6	0
3200	Brevant	B07M64AM	101	20.3	0	99	27.2	0	100	20.9	0
3200	CROPLAN	CP4757VT2P	104	18.4	0	106	23.6	0	103	19.9	0
3200	DEKALB	DKC56-65RIB	99	18.9	0	100	24.6	0	107	19.6	0
3200	Maizex	MZ 460	108	20.7	0	99	25.6	0			
3200	Maizex	MZ 4608SMX	98	18.1	0	106	24.1	0	107	20.1	0
3200	PRIDE Seeds	I5509SSP	101	19.8	0	104	25.8	0	117	19.8	0
3225	Pioneer	P0720AM	96	22.4	0	100	26.5	0	110	20.9	0
3250	DEKALB	DKC58-64RIB	98	18.3	0	110	25.6	0	93	19.6	0
3250	Maizex	MZ 4799SMX	96	18.0	0	103	26.1	0	95	18.9	0
3250	Pioneer	P0806AM	95	19.5	0	97	28.8	0	98	21.0	0
3250	Pioneer	P0859AM	108	19.9	0	104	27.3	0	96	20.4	0
3275	De Dell	DL 6880	96	22.3	0	105	25.7	0			0
3275	Maizex	MZ 4821DBR	99	19.3	0	104	28.0	0	102	21.3	0
3350	PRIDE Seeds	A8188G8 RIB	97	20.7	0	98	29.1	0	99	20.4	0
3400	PRIDE Seeds	A8303G8 RIB	100	22.5	0	103	30.6	0	97	24.0	0
LSD (0.10) for Yield Index Points*			8			6			10		
Average all hybrids†			264	19.2	0	262	24.9	0	257	20.0	0

What's the most important investment you will make in your crop this year?

In this busy, stressful season, make sure you look after your farm's best asset...

YOU!

If you are feeling depressed, not able to cope, may be thinking about suicide or are feeling emotional distress, or you see any of these signs in someone you know or care about...

Contact the free, confidential Canada Suicide Prevention Service.



Voice: 1.833.456.4566 / Text: 45645
Chat: www.CrisisServicesCanada.ca

Soybean Crops

ONTARIO SOYBEAN AND CANOLA COMMITTEE (OSACC)

This organization is made up of representatives of Agriculture & AgriFood Canada, the University of Guelph, the Ontario Seed Growers Association, the Canadian Seed Trade Association, the Grain Farmers of Ontario, OMAFRA and various agricultural organizations. Soybean variety trials are conducted each year by AAFC research centres at Ottawa and Harrow; University of Guelph and its regional campuses at Ridgetown, Winchester and New Liskeard; or by a contractor under the directions of regional MG zone coordinators. More information can be found at www.GoSoy.ca

The Ontario Soybean and Canola Committee (OSACC) ceased running public performance and registration trials for canola in 2016. For more information go to the GoCanola.ca website.

Interpretation of Variety Description Table

Plant Breeders' Rights

☉ Indicates a variety that is protected by Plant Breeders Rights legislation that complies with UPOV 1978.

☪ Indicates a variety that is protected by, or has been applied for and is pending, Plant Breeders Rights legislation that complies with UPOV 1991.

Notes: Varieties with resistance genes for races of the *Phytophthora* root rot organism in Ontario:

1a,1c,1k, 6: Resistance genes for *Phytophthora* root rot in Ontario which provide resistance to some races of the pathogen. Rps 1a does not provide protection to most races of the pathogen in Ontario

SCN: Resistant to some HG types of Soybean Cyst Nematode (SCN) in Ontario.

HP: Varieties with above average protein index.

L-LA: L-LA is a designation used by seed sponsors to indicate a soybean variety that produces low linolenic acid in the seed

Herbicide Reaction

RR: Roundup Ready™ (Trademark of Monsanto Company)

RR2X: Roundup Ready 2 Xtend™ (Trademark of Monsanto Company)

E3: Enlist E3™ (Trademark of Dow AgroSciences, DuPont or Pioneer and affiliated companies or their respective owners)

RR2Y: Roundup Ready 2 Yield™ (Trademark of Monsanto Company)

LL: Liberty Link™ (Trademark of Bayer CropScience AG)

Varieties have not been evaluated for metribuzin tolerance by OSACC.

For further information contact seed distributor. The following variety has been reported to OSACC as being Metribuzin Sensitive (MS): Astor.

Relative Maturity

Ranking of maturities has been initiated to provide producers with a rating system that is similar to the USA soybean industry standards. Rankings are not assigned by OSACC. See attached Relative Maturity map on page 63.

Hilum Colour

Each soybean seed has a hilum which is the point where it was attached to the pod. Varieties differ in hilum colour and can be either Yellow (Y), Imperfect Yellow (IY), Gray (GR), Buff (BF), Brown (BR), Black (BL), or Imperfect Black (IBL). Hilum colour may also be Light (L). Yellow hilum soybeans are usually the only type accepted for the export market. In certain years discolouration of the hilum of IY varieties can occur and as a result the soybeans may not be acceptable for export markets.

Ontario Performance Trial Data

SOYBEANS

Interpretation of Variety Description Table

Seeds per Kilogram

This is an estimate of the relative number of seeds of a particular variety in a kilogram of seed based on a 1-2 years of data from all locations where a variety was tested. Since seed size can vary from year to year and from seed lot to seed lot these figures should be used as a rough guide only. The actual seed size reported on each seed lot should be used to calculate seeding rate.

Phytophthora Root Rot % Plant Loss

Phytophthora root rot testing is carried out on clay soils infested with common races of Phytophthora at Woodslee. Previous methodology used counting plants shortly after emergence (3-4 weeks after planting) and a subsequent counting 4 weeks later. The loss was estimated based on the difference between count 2 and count 1, taken as a percentage. The limitation in this counting method is that it does not take into account pre-emergence mortality due to PRR nor does it take into account late season mortality. Starting in 2019 we began expressing the PRR ratings based on final stand in a high phytophthora pressure environment. This final stand was only rated once for all maturity groups and this was again changed to rate the plants near the R6 growth stage which was done in 2020 in order to capture late season PRR damage.

Protein & Oil Index

Protein Index (%) and Oil (%) are found on the web at www.Gosoy.ca.

Least Significant Difference (LSD)

The Least Significant Difference (LSD) was determined for each Yield Index column. To compare any two varieties within a column, the yield can be considered the same if the difference between their yield indices is less than or equal to the LSD for that column.

Interpretation of Agronomic Performance Tables

Days from Planting to Maturity

Maturity is affected by planting date and the area where a variety is being grown. Varieties are rated as being mature when 95% of the pods on the plants are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining. Starting in 2022, the 1-year average in addition to the 2-year average is shown. Tables are sorted by the 2-year average.

Yield Index

Varieties can only be compared within each test area. Yield index of a variety indicates its performance as a percentage of the average yield of all varieties grown in a test area. Small index differences may not be meaningful. In Tables 2-4, the yield index for each location and for the average of all locations is based on 2-3 years of testing. In Tables 5-6, the Clay and Loam Averages are based on 3 years of testing. Yield index averaged over locations and years will be a more reliable indicator of yield potential than performance from one single location or single year.

Plant Height

An indicator of the amount of plant growth, it is measured at maturity as the length of the stem from the base of the plant at soil level to its tip. A 2-year average is shown.

Lodging

A visual estimate at maturity of the standability of the crop. A value of 1 is equivalent to a crop standing completely upright, while a 5 represents a crop entirely flat. Within a test area, varieties with lower values are less prone to lodging. A 2-year average is shown. Lodging may not be rated for all test sites in each maturity group.

Testing Methods

In each trial, varieties were replicated in a suitable experimental design and received equal fertility, weed control and management. All trials were planted and harvested by machine. Tests were separated into conventional herbicide and glyphosate herbicide treated plots. Prior to harvest, plant height and lodging scores were obtained. The grain harvested from each plot was weighed and the yield of soybeans was calculated in tonnes/hectare at 13% moisture.

Food Soybean Varieties (F)

The Conventional and Food soybean variety trials were combined for the first time in 2006. All conventional and food varieties were grown in the same test sites in all three years for which data is presented.

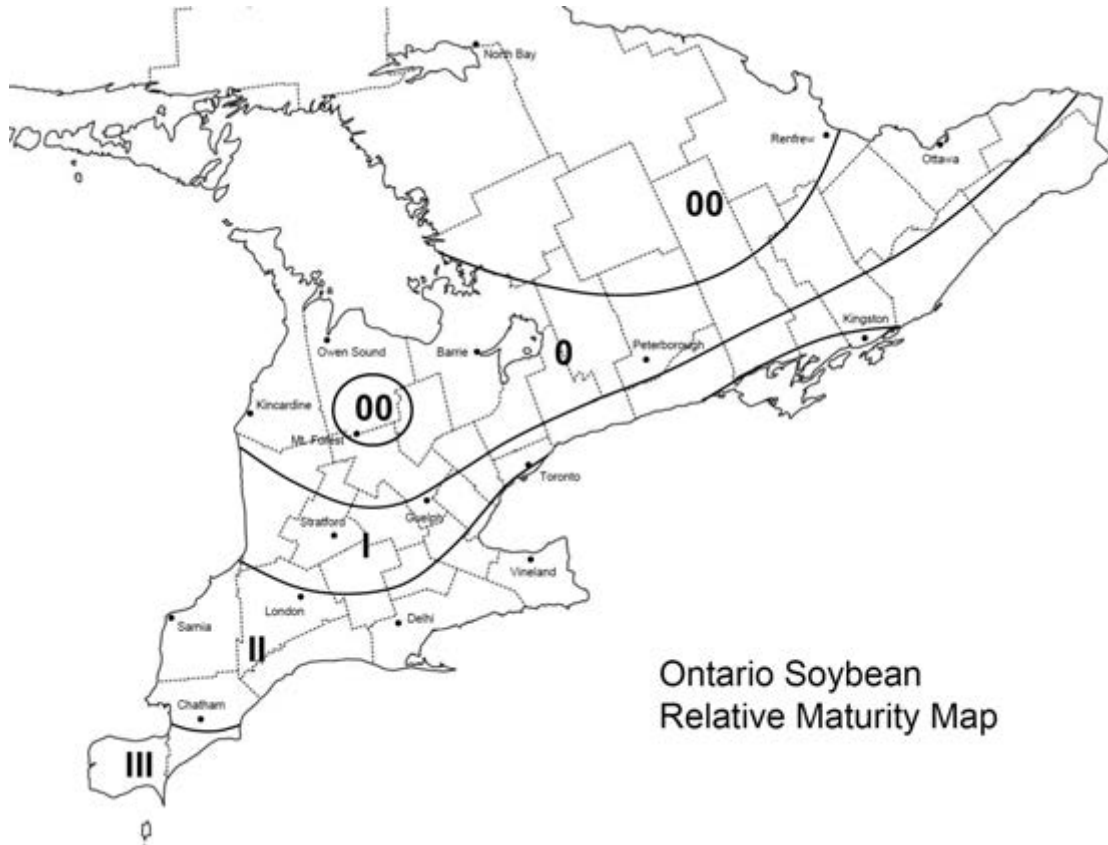
SOYBEAN TEST LOCATIONS & SOIL TYPES

2023 Trials

Location	Table	Relative Maturity	Soil Type	Row Width (cm)	Seeding Rate (plant/ac)	Co-operator	Trial Co-ordinator
New Liskeard	2a	00.5	clay	35	200,000	U of Guelph, New Liskeard	U of Guelph, New Liskeard
Dundalk	2b	00.9	loam	56	192,000	Leo Blydorp	U of Guelph, OCRC-Winchester
Belwood	2b	0.2	clay loam	56	192,000	Doug Shaw	U of Guelph, OCRC-Winchester
Elora	2b & 3	0.6	silt loam	35	200,000	OAC, U of Guelph	OAC, U of Guelph
Ottawa	3	0.6	clay loam	45	200,000	Research Centre, AAFC, Ottawa	ORDC, AAFC, Ottawa
Walton	3	0.7	loam	56	192,000	Neil Mitchell	ORDC, AAFC, Ottawa
Winchester	4	1.0	clay loam	Twin (48, 28)*	175,000	U of Guelph, Winchester	U of Guelph, OCRC-Winchester
Port Hope	3	1.5	clay loam	56	192,000	Bruce Hendry	ORDC, AAFC, Ottawa
Woodstock	4	1.8	clay loam	35	200,000	OAC, U of Guelph	OAC, U of Guelph
Exeter	4	1.7	clay loam	38	200,000	Huron Research Station	Ridgetown Campus, U of Guelph
St. Marys	4	1.5	clay loam	35	200,000	Lawrie Bell	OAC, U of Guelph
Fingal	5	2.1	clay loam	56	192,000	Dan Curtis	Ridgetown Campus, U of Guelph
Palmyra	5	2.7	clay	43	235,000	Richard Wierenga	Ridgetown Campus, U of Guelph
Inwood	5	2.4	clay	43	235,000	Jeff Lassaline	Ridgetown Campus, U of Guelph
Ridgetown	5	2.8	clay loam	43	200,000	Ridgetown Campus, U of Guelph	Ridgetown Campus, U of Guelph
Chatham	6	2.9	clay loam	43	200,000	Heather Macleod	Ridgetown Campus, U of Guelph
Merlin	6	3.1	clay	43	235,000	Grant Guy	Ridgetown Campus, U of Guelph
Woodslee	6	3.3	clay	46	200,000	Research Centre, AAFC, Harrow	HRDC, AAFC, Harrow
Harrow	6	3.5	sandy loam	46	185,000	Research Centre, AAFC, Harrow	HRDC, AAFC, Harrow

* Twin rows 48 (between twin rows) and 28 cm (within twin row) spacing.

SOYBEAN RELATIVE MATURITY MAP



Ontario Soybean
Relative Maturity Map

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TABLE 1 – VARIETY PERFORMANCE LIST AND DESCRIPTIONS

Variety	Notes	SCN Source	Herbicide Reaction	Relative ¹ Maturity	Hilum Colour	Seeds per Kg	Phytophthora ²		Distributor
							Root Rot %	Plant Loss	
Wolf R2X ^⓪	SCN 3a	PI 88788	RR2X	000.3	BL	5700	na	Maizex	
DKB0005-03	1c		RR2X	000.5	IBL	5800	na	DEKALB	
ABACA ^⓪				000.7	IY	5100	44*	SG Ceresco, Inc.	
Castor R2X ^⓪	SCN 3a	PI 88788	RR2X	000.7	BL	5900	na	Maizex	
S0007-S1X	1c, 3a		RR2X	000.7	IY	6100	na	NK	
Fresco R2X	1a		RR2X	000.9	BL	5700	65	Prograin	
S0009-J5X	1c, 3a		RR2X	000.9	BR	5000	na	NK	
Young R2X	SCN 1c	PI 88788	RR2X	000.9	BL	5200	49*	SeCan	
PS 0011 XRN	SCN 1c	PI 88788	RR2X	00.0	BL	6300	na	PRIDE Seeds	
Bomber R2X	1k, 3a		RR2X	00.1	BL	5500	na	Maizex	
DKB001-07	SCN 1k	PI 88788	RR2X	00.1	BL	6200	na	DEKALB	
PR229001Z	SCN	PI 88788	RR2X	00.1	BL	6200	na	Prograin	
S001-D8X	1c		RR2X	00.1	IY	6700	na	NK	
Badger R2X	1k		RR2X	00.2	BL	5000	na	Maizex	
DKB002-32	SCN 1k	PI 88788	RR2X	00.2	BR	6200	na	DEKALB	
JAGO				00.2	Y	5100	33	SG Ceresco, Inc.	
P002A42E	1c		E3	00.2	Y	5700	na	Pioneer	
Siberia	1a			00.2	IY	6100	67*	Prograin	
Liska ^⓪				00.3	IY	5400	48*	Prograin	
S003-R5X	1c		RR2X	00.3	IY	6400	na	NK	
Bourke R2X	1k		RR2X	00.4	BL	5700	36	SeCan	
Merino R2X	SCN 1k	PI 88788	RR2X	00.4	BL	5000	40	Prograin	
Mozart				00.4	Y	4800	54	Semican Inc.	
Aurelina ^⓪				00.5	IY	4900	43	C&M Seeds	
Hart R2X	1c		RR2X	00.5	BR	5100	48*	SeCan	
P005A59E	1c		E3	00.5	BR	4800	na	Pioneer	
Prostar ^⓪	6			00.5	Y	4900	na	Semican Inc.	
DKB006-80	SCN 1c	PI 88788	RR2X	00.6	BL	5600	na	DEKALB	
Kudo R2X			RR2X	00.6	BL	6200	42	Prograin	
B0073EE	SCN 1c	Peking	E3	00.7	IBL	5800	na	Brevant Seeds	
Elmo E3	SCN 1a	PI 88788	E3	00.7	LBR	7200	44	Prograin	
Maya ^⓪	1c			00.7	IY	5300	40*	Prograin	
P007A68E	1c		E3	00.7	BF	5700	na	Pioneer	
PS 0072 XR	1c, 1k		RR2X	00.7	BL	5300	46*	PRIDE Seeds	
S007-A2XS			RR2X	00.7	GR	6700	na	NK	
S007-Z1X	1c		RR2X	00.7	BR	5400	na	NK	
SI 00723XFN	SCN 1c	PI 88788	XF	00.7	BL	5700	na	Sevita International	
Koa ^⓪	1c			00.8	IY	5500	55*	Prograin	
RICHMOND				00.8	IY	4900	69	Agrocentre Belcan	
S008-N2			RR2Y	00.8	BR	5200	na	NK	
Hana				00.9	Y	5400	53*	Prograin	
PS 0098 XR	1k		RR2X	00.9	BL	6300	37	PRIDE Seeds	
Triquet R2X	SCN 1k	PI 88788	RR2X	00.9	BL	5300	49	SeCan	
Verso R2X	1k		RR2X	00.9	BR	6000	46	Prograin	
Bronco R2X	1c, 6		RR2X	0	IY	5400	52	Prograin	
Nala ^⓪	1c			0	IY	5300	56*	Prograin	
Apollina ^⓪				0.1	IY	4900	31	Saatbau Linz	
Atiron	HP			0.1	IY	5000	41	Huron Commodities Inc.	
Bellistar				0.1	IY	4600	na	Semican Inc.	
Rico R2X	SCN 1c	PI 88788	RR2X	0.1	LBR	6600	38	Prograin	
S01-D5	SCN 1c, 3a	PI 88788		0.1	IY	5300	na	Silverline	
Tiger E3	SCN 3a	PI 88788	E3	0.1	LBR	5700	na	Maizex	
Asahi				0.2	IY	5300	50	Synagri	
Donaldo R2X	1c		RR2X	0.2	BL	5900	45	Prograin	
Emilio E3	1a, 3a		E3	0.2	BF	6400	39	Prograin	
Haltifo				0.2	Y	4600	45	Centre de Criblage MarcBercier	

(continued) TABLE 1 – VARIETY PERFORMANCE LIST AND DESCRIPTIONS

Variety	Notes	SCN Source	Herbicide Reaction	Relative ¹ Maturity	Hilum Colour	Seeds per Kg	Phytophthora ²		Distributor
							Root Rot %	Plant Loss	
Kyoto				0.2	Y	4800	42	Synagri	
Mason XF	SCN 1c	PI 88788	XF	0.2	BL	5200	na	SeCan	
S02-M4XF	SCN 1c	PI 88788	XF	0.2	BL	6100	na	NK	
AAC Shinju [Ⓢ]	1c			0.3	Y	9100	35	Huron Commodities Inc.	
B036CE	SCN 1k	PI 88788	E3	0.3	BR	5500	33*	Brevant Seeds	
Barracuda E3	1c		E3	0.3	BL	5400	na	Maizex	
Cobra R2X	SCN 1c		RR2X	0.3	BR	5600	na	Maizex	
DKB03-25	1c		RR2X	0.3	BR	5800	na	DEKALB	
Enduro E3	1a, 3a		E3	0.3	IY	5200	25	Prograin	
Kuma [Ⓢ]				0.3	IY	4800	na	Maizex	
Panorama	1c, 6			0.3	Y	4900	39	Sevita International	
PRO 03X74	1c		RR2X	0.3	BR	5900	49	Sevita International	
PS 0322 EN	SCN 1c	PI 88788	E3	0.3	IBL	6200	40*	PRIDE Seeds	
PS 0423EN	SCN	PI 88788	E3	0.3	BL	6400	na	PRIDE Seeds	
S03-P4 [Ⓢ]	SCN 1c, 3a	PI 88788		0.3	IY	4900	na	Silverline	
S03-V5E3	SCN 1c	PI 88788	E3	0.3	IBL	6000	na	NK	
SI 0323E3N	SCN	PI 88788	E3	0.3	IBL	6400	na	Sevita International	
B043EE	1k		E3	0.4	BR	4700	na	Brevant Seeds	
Katano				0.4	IY	4700	42*	Synagri	
OAC Carson [Ⓢ]				0.4	IY	4600	39	SeCan	
OAC Champion [Ⓢ]				0.4	IY	4900	50	Agrocentre Belcan	
OAC Strive [Ⓢ]				0.4	IY	4600	30	SeCan	
P04A98E	1c		E3	0.4	BR	4700	47*	Pioneer	
PR23X2650	SCN	PI 88788	RR2X	0.4	BL	6400	na	Prograin	
PS 0420 XRN	SCN	PI 88788	RR2X	0.4	BL	5300	46	PRIDE Seeds	
S04-J6X	SCN 1c	PI 88788	RR2X	0.4	BL	6200	na	NK	
S04-K9 [Ⓢ]	SCN 1c	PI 88788		0.4	Y	4400	na	Silverline	
Salto R2	1c, 3a		RR2Y	0.4	BR	6100	28	Prograin	
Sharp E3	SCN 3a	PI 88788	E3	0.4	IBL	6600	na	SeCan	
Utica				0.4	IY	4700	33	Sevita International	
Aya [Ⓢ]	3a			0.5	Y	4400	34	Prograin	
Hola [Ⓢ]	1c, 3a			0.5	IY	4600	42	Prograin	
OAC Acclaim				0.5	IY	4600	32	Huron Commodities Inc.	
PS 0521 XRN	SCN 1c	PI 88788	RR2X	0.5	IBL	5400	36*	PRIDE Seeds	
Ramage XF	SCN 1c	PI 88788	XF	0.5	IY	5900	31	SeCan	
Samson E3	1k		E3	0.5	LBR	6200	39	SeCan	
Savage R2X	SCN 1c	PI 88788	RR2X	0.5	BL	6000	45*	SeCan	
Stine 05EG62	SCN 1k	PI 88788	E3	0.5	IBL	5500	na	Stine Seeds	
Altitude R2	3a		RR2Y	0.6	BR	5000	45	SeCan	
Amino R2X	SCN 1c	PI 88788	RR2X	0.6	BL	5500	39	Prograin	
Asana [Ⓢ]	1c			0.6	Y	4600	35	Prograin	
Harvey E3			E3	0.6	LBR	5800	39	SeCan	
Kristian [Ⓢ]				0.6	IY	4400	24	SG Ceresco, Inc.	
Lion R2X [Ⓢ]	1c		RR2X	0.6	IY	5400	na	Maizex	
Malart	1a			0.6	Y	5100	na	Semican Inc.	
Marula	1c			0.6	Y	4500	34	Prograin	
Nano R2X	SCN 3a	PI 88788	RR2X	0.6	BR	5600	25	Prograin	
Navan	SCN 1c, 3a	PI 88788		0.6	Y	4500	26	Sevita International	
OAC Evolution [Ⓢ]				0.6	IY	5000	36	Agrocentre Belcan	
OAC Kamran [Ⓢ]	SCN	PI 88788		0.6	IY	4900	36	SeCan	
P06A38E	1c		E3	0.6	BR	4900	34*	Pioneer	
S06-A3XF	SCN 1c, 3a	PI 88788	XF	0.6	GR	5100	na	NK	
Seabrook R2X	1k		RR2X	0.6	BL	6000	36	SeCan	
SI 0620XTN	SCN 1c	PI 88788	RR2X	0.6	BL	5800	40	Sevita International	
Stine 06EG29	SCN	PI 88788	E3	0.6	IBL	6600	na	Stine Seeds	
Torpedo E3	3a		E3	0.6	Y	5700	na	Maizex	
Angelica [Ⓢ]				0.7	IY	4800	44	C&M Seeds	
Atacama [Ⓢ]				0.7	IY	5100	48*	SG Ceresco, Inc.	
Axis E3	1c		E3	0.7	LBR	5700	na	Horizon Seeds Canada	

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TABLE 1 – VARIETY PERFORMANCE LIST AND DESCRIPTIONS (continued)

Variety	Notes	SCN Source	Herbicide Reaction	Relative ¹ Maturity	Hilum Colour	Seeds per Kg	Phytophthora ²		Distributor
							Root Rot %	Plant Loss	
B074HE	1c		E3	0.7	BR	5000	33*	Brevant Seeds	
DKB07-23	SCN 1c	PI 88788	RR2X	0.7	BL	6200	na	DEKALB	
Dyno R2X	SCN 1c	PI 88788	RR2X	0.7	BR	5100	34*	Prograin	
Elico E3	SCN		E3	0.7	Y	5600	37	Prograin	
Kagawa				0.7	IY	4300	37	Synagri	
PS 0779 XRN	SCN 1c	PI 88788	RR2X	0.7	BL	6100	35	PRIDE Seeds	
S07-K5X	3a		RR2X	0.7	GR	5100	na	NK	
Ajico☉	1c			0.8	IY	4700	na	Maizex	
Canstar	1a, 6			0.8	Y	5200	na	Semican Inc.	
DKB08-80	1c, 1k		RR2X	0.8	BL	5300	na	DEKALB	
Enyo E3	SCN	PI 88788	E3	0.8	BF	5600	21	Prograin	
Ezra	3a			0.8	Y	4700	36	Prograin	
Miko R2	1c		RR2Y	0.8	BR	5200	41	Prograin	
OAC Bruno	SCN	PI 88788		0.8	IY	5700	na	Huron Commodities Inc.	
OAC Wallace				0.8	BR	5200	39	SeCan	
Orr R2X	SCN 3a	PI 88788	RR2X	0.8	BR	5500	26	SeCan	
P08A44E	SCN 1k	PI 88788	E3	0.8	BR	5200	na	Pioneer	
Park E3			E3	0.8	LBR	6200	45	SeCan	
Ridley XF	SCN 1c	PI 88788	XF	0.8	BL	5800	na	SeCan	
S07-M8☉	1c			0.8	IY	4600	na	Silverline	
SI 0720E3N	SCN 1a, 3a	PI 88788	E3	0.8	IBL	5400	26	Sevita International	
Vertigo R2	SCN 1c	PI 88788	RR2Y	0.8	BL	5500	25	Prograin	
Viper R2X	SCN 1c	PI 88788	RR2X	0.8	BL	5200	na	Maizex	
Wilma☉	1c, 3a			0.8	Y	4800	26*	Prograin	
AAC Kovik				0.9	Y	4600	41*	SG Ceresco, Inc.	
Acuna☉	1c			0.9	IY	4400	48	Prograin	
Beliveau R2X	SCN 1k, 3a	PI 88788	RR2X	0.9	BR	5100	24	SeCan	
Finch	1c			0.9	Y	5100	23	Sevita International	
Havane				0.9	Y	4700	35	SG Ceresco, Inc.	
MONDO				0.9	Y	4600	na	SG Ceresco, Inc.	
Pico R2X	SCN 1c	PI 88788	RR2X	0.9	BL	5900	36	Prograin	
PS 0944 XRN	SCN 1c	PI 88788	RR2X	0.9	IBL	5200	34*	PRIDE Seeds	
Reece R2X	SCN 1c	PI 88788	RR2X	0.9	BL	6000	33*	SeCan	
S09-B5XF	SCN 1c, 3a	PI 88788	XF	0.9	GR	5000	na	NK	
S09-H7E3	SCN 1k	PI 88788	E3	0.9	BF	5500	na	NK	
SI 0921XTN	SCN	PI 88788	RR2X	0.9	BL	5900	46	Sevita International	
Acora	1c			1.0	Y	4800	38	Prograin	
B103EE	SCN 1k	PI 88788	E3	1.0	BF	5000	na	Brevant Seeds	
Eagle E3	SCN 3a	Peking	E3	1.0	BL	6500	na	Maizex	
Forto				1.0	IY	4200	22	SG Ceresco, Inc.	
Genesis	1a			1.0	Y	4700	44	Sevita International	
Matilda	1k			1.0	IY	4900	42	Sevita International	
OAC Malory☉	SCN	PI 88788		1.0	Y	4900	23	SeCan	
Piranha R2X☉	3a		RR2X	1.0	BL	5100	na	Maizex	
PS 1022 EN	SCN 1c, 3a	PI 88788	E3	1.0	BF	5200	26*	PRIDE Seeds	
S10-R2☉	SCN	PI 88788		1.0	Y	5100	na	Silverline	
S10-W8XF	SCN 1c	PI 88788	XF	1.0	IY	5700	na	NK	
Saru☉	1c			1.0	IY	4800	na	Maizex	
Stine 10EG20	SCN	PI 88788	E3	1.0	IBL	5200	na	Stine Seeds	
B119KE	SCN	PI 88788	E3	1.1	IBL	5400	40*	Brevant Seeds	
DKB11-51	SCN	PI 88788	RR2X	1.1	BL	5600	na	DEKALB	
DKB11-84	SCN 3a	PI 88788	RR2X	1.1	BR	6100	na	DEKALB	
Elliott R2X	SCN 1c	PI 88788	RR2X	1.1	BL	5100	na	SeCan	
EXP1123XFN	SCN 1c	PI 88788	XF	1.1	BL	5600	na	PRIDE Seeds	
Odessa				1.1	IY	4100	26	Sevita International	
P11A10	SCN	PI 88788		1.1	Y	4800	48*	Pioneer	
S11-A4E3	SCN 1k, 3a	PI 88788	E3	1.1	BF	5300	na	NK	
S11-U2XF	SCN 3a	PI 88788	XF	1.1	BL	5000	na	NK	
SI 1120E3N	SCN	PI 88788	E3	1.1	IBL	5000	28	Sevita International	
Skyline	SCN 1c, 3a	PI 88788		1.1	Y	5200	27	Sevita International	
Summit E3			E3	1.1	IBL	5900	38*	Horizon Seeds Canada	
Taku				1.1	Y	5000	30	SG Ceresco, Inc.	
Acardia☉				1.2	IY	5100	na	Saatbau Linz	
Atena☉	1c, 3a			1.2	Y	4200	31	Prograin	
Baltazar				1.2	IY	4600	19	Semican Inc.	

(continued) TABLE 1 – VARIETY PERFORMANCE LIST AND DESCRIPTIONS

Variety	Notes	SCN Source	Herbicide Reaction	Relative ¹ Maturity	Hilum Colour	Seeds per Kg	Phytophthora ²	
							Root Rot % Plant Loss	Distributor
Maris R2X	SCN 3a	PI 88788	RR2X	1.2	BR	5900	na	Maizex
Mya	SCN 1c	PI 88788		1.2	IY	4600	42	Prograin
P12T94E	SCN	PI 88788	E3	1.2	IBL	4900	39*	Pioneer
S12-J7Ø	SCN 1c, 3a	PI 88788		1.2	Y	4400	na	Silverline
S12-M5X	SCN 1k, 3a	PI 88788	RR2X	1.2	BL	4900	na	NK
SI 1222E3N	SCN 1k	PI 88788	E3	1.2	IBL	4600	34*	Sevita International
Stine 12EB32	SCN 1c	PI 88788	E3	1.2	IBL	5000	na	Stine Seeds
Falcon E3	SCN 3a	Peking	E3	1.3	BR	6300	na	Maizex
OAC ElevationØ				1.3	IY	4400	60	Agrocentre Belcan
Rask E3	SCN 1c	PI 88788	E3	1.3	IBL	4600	28*	SeCan
S13-Y4XF	SCN 1c, 3a	PI 88788	XF	1.3	BR	5200	na	NK
SI 1323XFN	SCN 1c	PI 88788	XF	1.3	BR	5200	na	Sevita International
Zeta	SCN 1c	PI 88788		1.3	IY	5000	27	Prograin
Avalanche XF	SCN 1c, 3a	PI 88788	XF	1.4	BL	4800	na	Maizex
DKB14-65	SCN 1c, 3a	PI 88788	RR2X	1.4	BL	5400	na	DEKALB
DKB14-97	SCN 3a	PI 88788	RR2X	1.4	IBL	5600	na	DEKALB
InwoodØ	SCN	PI 88788		1.4	IY	4700	35	SeCan
Mercado XF	SCN 1c, 3a	PI 88788	XF	1.4	BR	5200	27*	Prograin
OAC UnionØ	SCN	PI 88788		1.4	Y	4700	21	SeCan
P14A12E	SCN 1c	Peking	E3	1.4	BR	5600	na	Pioneer
PS 1421 EN	SCN	PI 88788	E3	1.4	BL	5400	41	PRIDE Seeds
S14-C7XF	SCN 1c	PI 88788	XF	1.4	BR	5600	na	NK
S14-W6E3	SCN 1c, 3a	Peking	E3	1.4	BF	5400	na	NK
SI 1422XTN	SCN 1c	PI 88788	RR2X	1.4	BL	5100	57*	Sevita International
Alinova	SCN	PI 88788		1.5	IY	4800	40*	Sevita International
B158DE	SCN 1k	PI 88788	E3	1.5	BR	6000	33*	Brevant Seeds
Cyclone R2X	SCN 1k, 3a	PI 88788	RR2X	1.5	BL	5200	na	Maizex
Haldi	SCN 1c, 3a	PI 88788		1.5	Y	4500	34*	Sevita International
PS 1520 XRN	SCN 1c	PI 88788	RR2X	1.5	BF	5700	31	PRIDE Seeds
Rondo R2X	SCN 1c, 3a	PI 88788	RR2X	1.5	BR	5300	21	Prograin
B163EE	SCN 1c	Peking	E3	1.6	BR	5600	na	Brevant Seeds
CP1622X	SCN	Peking	RR2X	1.6	BL	5400	na	CROPLAN by WinField United
DKB16-64XF	SCN 1c	PI 88788	XF	1.6	IBL	5500	na	DEKALB
OAC Aberdeen	SCN	PI 88788		1.6	IY	4700	28	Huron Commodities Inc.
PR23XF2925	SCN	PI 88788	RR2X	1.6	BL	4700	na	Prograin
S14-H3Ø	SCN	PI 88788		1.6	IY	4500	na	Hensall Co-op
S16-K2X	SCN 1k, 3a	PI 88788	RR2X	1.6	BL	5000	na	NK
Typhoon E3	SCN 1c, 3a	Peking	E3	1.6	IBL	5500	na	Maizex
B173EE	SCN 1k, 3a	PI 88788	E3	1.7	BR	4500	na	Brevant Seeds
Compass E3			E3	1.7	IBL	5400	na	Horizon Seeds Canada
Cougar E3	SCN 3a	PI 88788	E3	1.7	BF	5400	na	Maizex
Keith XF	SCN 3a	PI 88788	XF	1.7	BR	5200	23	SeCan
P17A87E	SCN 1k	PI 88788	E3	1.7	BL	5000	29*	Pioneer
PS 1721 EN	SCN 1c, 3a	PI 88788	E3	1.7	Y	5100	27	PRIDE Seeds
Ranger R2X	SCN 1c, 3a	PI 88788	RR2X	1.7	IBL	5600	na	SeCan
Savard E3	SCN 1k	PI 88788	E3	1.7	IBL	5200	35	SeCan
SI 1820XTN	SCN 3a	PI 88788	RR2X	1.7	BR	5600	22	Sevita International
B182ME	SCN 1k	Peking	E3	1.8	BL	5400	26*	Brevant Seeds
P18A73E	SCN 1k	Peking	E3	1.8	BL	5500	38*	Pioneer
S16-B8	SCN 1c, 3a	PI 88788		1.8	IY	4600	na	Silverline
S18-F1E3S	SCN 1k	Peking	E3	1.8	IBL	5500	na	NK
SI 1823E3N	SCN 1k	PI 88788	E3	1.8	IBL	5200	na	Sevita International
DKB19-80	SCN 1c	PI 88788	RR2X	1.9	BL	5800	na	DEKALB
HDC Blake				1.9	Y	4200	na	Hensall Co-op
Kraft E3	SCN 1k	PI 88788	E3	1.9	IBL	6000	na	SeCan
OAC BrutonØ	SCN	PI 88788		1.9	Y	4200	31	SeCan
P19A37E	SCN 1k, 3a	PI 88788	E3	1.9	BL	5300	na	Pioneer
PS 1923XFN	SCN 1c, 3a	PI 88788	XF	1.9	BL	5800	na	PRIDE Seeds
S19-Y5E3	SCN 1k	PI 88788	E3	1.9	BL	5400	na	NK
P20A48E	SCN 1k	PI 88788	E3	2.0	BR	6700	na	Pioneer
Panther XF	SCN 1c	PI 88788	XF	2.0	BL	5500	na	Maizex
Rowan	SCN 1c	PI 88788		2.0	IY	5100	32*	Sevita International
S20-L8X	SCN 1c	PI 88788	RR2X	2.0	BL	5300	na	NK
S20-W9	SCN 1c, 3a	PI 88788		2.0	Y	4400	na	Silverline

TABLE 1 – VARIETY PERFORMANCE LIST AND DESCRIPTIONS (continued)

Variety	Notes	SCN Source	Herbicide Reaction	Relative ¹ Maturity	Hilum Colour	Seeds per Kg	Phytophthora ²		Distributor
							Root Rot %	Plant Loss	
Stine 20EG02	SCN 1a	PI 88788	E3	2.0	BL	5800	na	Stine Seeds	
B213EE	SCN 1k, 3a	PI 88788	E3	2.1	BR	5100	na	Brevant Seeds	
DKB21-30XF	SCN 1c	PI 88788	XF	2.1	BL	5600	na	DEKALB	
OAC Kent				2.1	Y	4500	26	SeCan	
PS 2120 EN	SCN 1k	PI 88788	E3	2.1	IBL	6300	27	PRIDE Seeds	
S21-C6 \emptyset	SCN	PI 88788		2.1	Y	4100	na	Silverline	
SI 2121XTN	SCN 1c	PI 88788	RR2X	2.1	IBL	5300	31	Sevita International	
Masters XF	SCN 1c	PI 88788	XF	2.2	IBL	5500	44*	SeCan	
OAC Marvel	SCN	PI 88788		2.2	Y	4500	30	Huron Commodities Inc.	
Ocelot E3	SCN 1c	Peking	E3	2.2	IBL	5400	na	Maizex	
P22A67E	SCN 1k, 3a	PI 88788	E3	2.2	BR	5900	na	Pioneer	
S22-A2E3	SCN 1c	PI 88788	E3	2.2	IBL	5700	na	NK	
S22-J4X	SCN 1c	PI 88788	RR2X	2.2	BL	5300	na	NK	
AAC McRae \emptyset	SCN	PI 88788		2.3	Y	4200	na	Hensall Co-op	
DKB23-05	SCN 1c, 3a	PI 88788	RR2X	2.3	LBR	5200	na	DEKALB	
DKB23-24	SCN 1c	PI 88788	RR2X	2.3	IBL	6000	na	DEKALB	
PS 2322 XFN	SCN 1c	PI 88788	XF	2.3	IBL	5500	27*	PRIDE Seeds	
SG 2311				2.3	Y	4900	32	Huron Commodities Inc.	
Siena	SCN	PI 88788		2.3	Y	5500	26	Prograin	
B243EE	SCN 1k	Peking	E3	2.4	BR	6200	na	Brevant Seeds	
Darby E3	SCN 1k	PI 88788	E3	2.4	IBL	6300	22*	SeCan	
Express R2X	SCN 1c, 1k	PI 88788	RR2X	2.4	BL	5700	26	SeCan	
P24A07E	SCN 1k	PI 88788	E3	2.4	BR	6100	na	Pioneer	
Tillson	SCN 1c	PI 88788		2.4	IY	5700	29	Sevita International	
AAC 26-15	SCN	PI 88788		2.5	Y	5000	27	Huron Commodities Inc.	
AAC Wigle \emptyset	SCN	PI 88788		2.5	Y	4400	45	SeCan	
B253LE	SCN 1k	PI 88788	E3	2.5	BL	5100	23*	Brevant Seeds	
DF 155				2.5	Y	4700	na	AGRIS Co-operative Ltd.	
DKB25-17XF	SCN 1c	PI 88788	XF	2.5	IBL	5900	na	DEKALB	
PS 2521 XFN	SCN 1c	PI 88788	XF	2.5	BL	5500	25	PRIDE Seeds	
S25-G8E3	SCN 1c	PI 88788	E3	2.5	BF	6100	na	NK	
S25-K4XF	SCN	PI 88788	XF	2.5	BL	5800	na	NK	
Stine 25EG20	SCN 1c, 1k	PI 88788	E3	2.5	BL	5900	na	Stine Seeds	
OAC Stirling \emptyset	SCN	PI 88788		2.6	Y	5100	23	Huron Commodities Inc.	
S26-E3	SCN 1k	Peking	E3	2.6	BF	7000	na	NK	
DKB27-55	SCN 1c	PI 88788	RR2X	2.7	IBL	5800	na	DEKALB	
Lawson R2X	SCN 1c, 3a	PI 88788	RR2X	2.7	IBL	5900	na	SeCan	
AAC Big Ben	SCN	PI 88788		2.8	Y	4800	na	Southwest Seeds	
B283EE	SCN 1k	PI 88788	E3	2.8	BL	5800	na	Brevant Seeds	
DKB28-76XF	SCN 1c, 1k	PI 88788	XF	2.8	IBL	6000	na	DEKALB	
P28A65E	SCN 1k	PI 88788	E3	2.8	BL	5400	26*	Pioneer	
PS 2923EN	SCN 1k	Peking	E3	2.8	BL	5600	na	PRIDE Seeds	
S28-B9E3S	SCN 1c	PI 88788	E3	2.8	IBL	5400	na	NK	
P29A19E	SCN 1k, 3a	PI 88788	E3	2.9	BL	5800	24*	Pioneer	
S29-N5E3	SCN 1c 3a	PI 88788	E3	2.9	IBL	5400	na	NK	
S29-R5X	SCN 1k	PI 88788	RR2X	2.9	BR	6100	na	NK	
Stine 29EF02	SCN	PI 88788	E3	2.9	IBL	5900	na	Stine Seeds	
P30A75E	SCN	PI 88788	E3	3.0	BR	5400	na	Pioneer	
PS 3022XFN	SCN 1c	PI 88788	XF	3.0	BL	5500	na	PRIDE Seeds	
Stine 31EF02	SCN	PI 88788	E3	3.1	BL	5400	na	Stine Seeds	
S32-J5XF	SCN 1c	PI 88788	XF	3.2	BL	5600	na	NK	
P33A62E	SCN 1c	PI 88788	E3	3.3	BR	5800	na	Pioneer	

1 Relative Maturity - ranking of maturity provided by seed sponsors.

2 Phytophthora % Plant Loss - * only 2 year averages shown where available.

\emptyset = PBR 78; \emptyset = PBR 91 or PBR 91 pending indicate varieties protected by Plant Breeders Rights. Visit pbrfacts.ca to learn more.

NOTES:

1a, 1c, etc. - Phytoph. resist. genes
 HP - High Protein
 SCN - SCN Resistant
 L-LA - Low-Linolenic Acid

Herbicide Reaction

RR2Y - Roundup Ready 2 Yield
 RR2X - Roundup Ready 2 Xtend
 XF - XtendFlex
 E3 - Enlist E3
 LL - Liberty Link
 MS - Metribuzin Sensitive

TABLE 2A.1 – MATURITY GROUP 00 (2100-2300 HU) AREAS , RR TEST

Variety	Days to Mature		NEW LISKEARD Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year		
S0007-S1X	103	105	85	85	48	1.0
Fresco R2X	109	106	86	88	55	1.0
S001-D8X	112	109	94	90	62	1.0
PS 0011 XRN	114	112	105	97	59	1.0
S003-R5X	114	112	97	98	55	1.0
Hart R2X	116	114	102	105	62	1.0
S007-A2XS	119	115	113	111	73	1.0
DKB002-32	118	116	104	104	66	1.0
S008-N2	119	116	94	100	67	1.0
Merino R2X	117	116	103	102	69	1.0
S007-Z1X	117	116	106	101	67	1.0
DKB001-07	118	116	98	95	71	1.0
Kudo R2X	120	117	101	102	70	1.3
Bourke R2X	120	117	107	105	70	1.1
DKB006-80	120	117	110	111	66	1.0
Elmo E3	126	126	108	107	75	1.0
Varieties with one year of data						
S0009-J5X	109	—	96	—	—	—
DKB0005-03	112	—	102	—	—	—
Wolf R2X [⊕]	113	—	93	—	—	—
Young R2X	113	—	102	—	—	—
PR229001Z	115	—	86	—	—	—
Bomber R2X	115	—	100	—	—	—
Castor R2X [⊕]	118	—	100	—	—	—
Badger R2X	121	—	108	—	—	—
LSD (0.10)			5	5		
Average yield (T/ha)			4.50	4.36		
(bu/ac)			66.7	64.7		

TABLE 2A.2 – MATURITY GROUP 00 (2100-2300 HU) AREAS, CONVENTIONAL TEST

Variety	Days to Mature		NEW LISKEARD Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year		
Siberia	112	110	105	103	68	1.0
Liska [⊕]	115	113	94	95	65	1.0
ABACA [⊕]	115	113	103	101	63	1.0
Maya [⊕]	121	117	98	100	68	1.0
Koa [⊕]	120	118	102	101	64	1.0
Varieties with one year of data						
Prostar [⊕]	116	—	85	—	—	—
Nala [⊕]	120	—	106	—	—	—
Mozart	123	—	106	—	—	—
LSD (0.10)			6	5		
Average yield (T/ha)			4.36	4.20		
(bu/ac)			64.7	62.3		

Testing Locations: Table 2a.2			
New Liskeard	—	2022	2023

TABLE 2.1 – MATURITY GROUP 00 (2300-2500 HU) AREAS, RR TEST

Variety	Days to Mature		AVERAGE Yield Index			BELWOOD Yield Index		DUNDALK Yield Index		ELORA Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year		
Merino R2X	117	113	92	88	87	91	85	84	88	91	89	71	1.6
S007-Z1X	116	113	103	97	94	91	84	97	99	104	99	69	1.4
Kudo R2X	119	115	95	97	94	102	99	97	90	91	94	70	1.7
DKB006-80	119	115	100	96	95	96	94	100	99	92	93	75	1.6
PS 0072 XR	118	115	100	96	—	94	—	96	—	99	—	76	1.5
S008-N2	120	116	99	99	97	103	95	97	100	96	95	73	1.8
PS 0098 XR	120	116	107	99	97	98	97	103	100	96	94	68	1.5
S02-M4XF	119	116	100	100	101	91	96	103	103	107	105	70	1.0
Triquet R2X	120	117	99	96	100	96	101	96	97	95	103	74	1.5
Rico R2X	120	117	95	98	96	98	95	95	92	101	100	67	1.2
Bronco R2X	121	117	99	95	101	90	100	103	105	91	99	69	1.0
PRO 03X74	121	117	101	100	106	98	106	102	105	101	106	72	1.2
Verso R2X	122	119	101	101	100	100	96	99	103	103	101	79	1.8
Donaldo R2X	123	119	93	91	96	84	91	89	94	101	103	69	1.0
Elmo E3	122	120	90	93	95	95	98	93	93	90	95	72	1.2
DKB03-25	123	121	113	114	116	117	121	113	110	113	116	78	1.5
Salto R2	124	122	104	107	108	111	113	107	109	104	102	66	1.3
Emilio E3	124	122	98	101	104	103	110	98	101	101	100	71	1.3
Amino R2X	124	122	105	102	—	98	—	94	—	113	—	65	1.0
S03-V5E3	125	123	100	107	—	108	—	108	—	104	—	67	1.4
Enduro E3	126	123	112	111	—	118	—	118	—	97	—	77	1.2
S04-J6X	125	123	106	111	113	115	120	106	111	111	107	75	1.2
Varieties with one year of data													
P002A42E	114	—	86	—	—	—	—	—	—	—	—	—	—
P005A59E	116	—	95	—	—	—	—	—	—	—	—	—	—
S007-A2XS	117	—	105	—	—	—	—	—	—	—	—	—	—
B0073EE	117	—	99	—	—	—	—	—	—	—	—	—	—
P007A68E	118	—	103	—	—	—	—	—	—	—	—	—	—
SI 00723XFN	121	—	101	—	—	—	—	—	—	—	—	—	—
PR23X2650	124	—	100	—	—	—	—	—	—	—	—	—	—
Tiger E3	125	—	99	—	—	—	—	—	—	—	—	—	—
LSD (0.10)			4	5	4	8	6	8	8	8	9		
Average yield (T/ha)			3.49	3.26	3.25	3.27	3.26	3.37	3.16	3.12	3.33		
(bu/ac)			51.8	48.3	48.2	48.6	48.3	50.0	46.9	46.3	49.3		

Testing Locations: Table 2.1			
Belwood	2021	2022	2023
Dundalk	2021	2022	2023
Elora	2021	2022	2023

TABLE 2.2 – MATURITY GROUP 00 (2300-2500 HU) AREAS, CONVENTIONAL TEST

Variety	Days to Mature		AVERAGE Yield Index		BELWOOD Yield Index	DUNDALK Yield Index	ELORA Yield Index	Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	2 year	2 year	2 year		
JAGO	122	119	105	101	101	98	105	71	1.3
Atiron	123	121	91	94	94	96	90	75	1.2
Panorama	126	123	106	105	104	105	104	63	1.3
Utica	128	125	99	101	101	101	101	76	1.1
Varieties with one year of data									
Prostar [®]	117	—	91	—	—	—	—	—	—
Nala [®]	120	—	109	—	—	—	—	—	—
Koa [®]	120	—	102	—	—	—	—	—	—
Mozart	122	—	103	—	—	—	—	—	—
Hana	122	—	100	—	—	—	—	—	—
Maya [®]	122	—	94	—	—	—	—	—	—
Bellistar	124	—	101	—	—	—	—	—	—
LSD (0.10)			5	5	10	8	7		
Average yield (T/ha)			3.24	3.11	3.28	3.07	2.96		
(bu/ac)			48.1	46.1	48.7	45.6	43.9		

Testing Locations: Table 2.2			
Belwood	—	2022	2023
Dundalk	—	2022	2023
Elora	—	2022	2023

TABLE 3.1 – MATURITY GROUP 0 (2500-2800 HU) AREAS, RR TEST

Variety	Days to Mature		AVERAGE Yield Index			ELORA Yield Index		OTTAWA Yield Index		PORT HOPE Yield Index		WALTON Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year		
S02-M4XF	112	111	92	91	92	96	94	94	97	90	85	86	78	1.6	
Cobra R2X	116	115	97	96	97	101	100	89	94	103	95	94	79	1.8	
B036CE	116	115	96	94	—	100	—	88	—	—	93	—	71	1.4	
S03-V5E3	117	116	94	94	—	90	—	95	—	—	96	—	76	1.5	
PS 0322 EN	116	116	90	91	—	92	—	94	—	—	89	—	71	1.3	
S04-J6X	117	117	98	98	98	95	92	101	100	101	97	100	82	1.5	
PS 0521 XRN	118	117	101	101	101	104	105	100	100	101	101	98	81	1.5	
PS 0420 XRN	118	118	97	95	97	91	94	98	98	96	94	97	75	1.2	
S07-K5X	118	118	104	100	99	103	99	97	97	101	98	99	84	1.5	
P04A98E	117	118	106	100	—	99	—	103	—	—	98	—	68	1.2	
SI 0620XTN	119	118	98	97	100	101	104	96	99	100	94	98	83	1.5	
Savage R2X	119	118	97	96	—	99	—	91	—	—	101	—	94	2.1	
Enduro E3	119	119	100	96	96	91	93	94	96	99	98	95	84	1.8	
Ramage XF	120	119	97	96	96	98	100	88	89	101	97	97	82	1.9	
Nano R2X	119	119	104	102	102	104	105	99	99	101	105	102	85	1.6	
P06A38E	118	119	100	99	—	98	—	107	—	—	95	—	73	1.4	
Lion R2X	119	119	100	101	—	103	—	101	—	—	100	—	73	1.4	
Harvey E3	120	119	103	99	97	97	97	101	99	92	99	99	76	1.4	
Miko R2	120	119	106	105	105	107	104	103	104	111	104	103	87	1.9	
S06-A3XF	119	120	99	97	—	92	—	102	—	—	96	—	77	1.3	
Amino R2X	121	120	103	99	100	102	98	94	98	103	99	102	77	1.2	
Altitude R2	120	120	104	99	99	97	97	103	105	103	96	94	74	1.4	
Elico E3	120	120	105	102	98	105	98	97	96	93	105	103	76	1.2	
Seabrook R2X	121	120	102	102	102	104	106	100	102	102	101	100	99	2.0	
Samson E3	120	120	96	97	97	97	99	101	102	93	91	93	80	1.3	
PS 0779 XRN	121	120	110	107	103	110	102	108	106	100	104	102	84	1.7	
SI 0921XTN	120	121	102	100	100	103	104	99	98	100	98	99	82	1.3	
Vertigo R2	120	121	103	101	101	98	96	105	104	102	100	102	81	1.6	
S09-B5XF	121	121	103	103	—	103	—	103	—	—	103	—	79	1.6	
B074HE	120	121	105	102	—	101	—	105	—	—	102	—	81	1.5	
DKB08-80	121	121	105	103	—	104	—	102	—	—	103	—	86	1.5	
S10-W8XF	121	121	97	99	99	101	104	97	96	96	102	101	83	1.6	
S12-M5X	120	121	112	109	108	108	108	112	111	108	107	107	71	1.4	
Viper R2X	121	121	109	107	108	109	110	108	105	107	105	109	74	1.6	
Park E3	121	122	96	95	97	96	99	93	95	99	96	98	85	1.4	
SI 0720E3N	122	122	94	93	94	89	89	94	95	102	90	93	75	1.5	
PS 0944 XRN	122	122	114	111	—	113	—	106	—	—	114	—	86	1.6	
Axis E3	122	122	107	101	99	107	102	99	99	95	101	99	78	1.6	
Orr R2X	121	122	103	105	104	102	104	104	103	99	109	107	86	1.3	
DKB11-84	122	122	103	105	105	99	102	108	107	100	108	109	81	1.4	
S09-H7E3	122	123	93	98	—	91	—	104	—	—	100	—	73	1.4	
Beliveau R2X	122	123	106	107	105	103	103	113	111	97	105	106	79	1.4	
Dyno R2X	123	123	108	108	—	108	—	105	—	—	111	—	90	1.6	
Enyo E3	123	123	99	100	101	91	93	97	97	103	109	109	80	1.6	
Reece R2X	123	124	99	101	—	98	—	104	—	—	103	—	86	1.5	
Varieties with one year of data															
PR23X2650	116	—	95	—	—	—	—	—	—	—	—	—	—	—	
Emilio E3	116	—	91	—	—	—	—	—	—	—	—	—	—	—	
Tiger E3	117	—	96	—	—	—	—	—	—	—	—	—	—	—	
B043EE	118	—	108	—	—	—	—	—	—	—	—	—	—	—	
Barracuda E3	118	—	96	—	—	—	—	—	—	—	—	—	—	—	
Stine 06EG29	118	—	98	—	—	—	—	—	—	—	—	—	—	—	
DKB07-23	118	—	103	—	—	—	—	—	—	—	—	—	—	—	
Sharp E3	119	—	81	—	—	—	—	—	—	—	—	—	—	—	
SI 0323E3N	119	—	91	—	—	—	—	—	—	—	—	—	—	—	
Pico R2X	119	—	104	—	—	—	—	—	—	—	—	—	—	—	
Eagle E3	120	—	95	—	—	—	—	—	—	—	—	—	—	—	
P08A44E	120	—	98	—	—	—	—	—	—	—	—	—	—	—	
PS 0423EN	120	—	92	—	—	—	—	—	—	—	—	—	—	—	
Torpedo E3	120	—	92	—	—	—	—	—	—	—	—	—	—	—	
Stine 05EG62	120	—	92	—	—	—	—	—	—	—	—	—	—	—	
Ridley XF	120	—	99	—	—	—	—	—	—	—	—	—	—	—	
Mason XF	122	—	101	—	—	—	—	—	—	—	—	—	—	—	
Piranha R2X	122	—	109	—	—	—	—	—	—	—	—	—	—	—	
S11-A4E3	123	—	98	—	—	—	—	—	—	—	—	—	—	—	
S11-U2XF	123	—	106	—	—	—	—	—	—	—	—	—	—	—	
LSD (0.10)			5	3	4	5	6	6	5	7	7	9			
Average yield (T/ha)			4.22	4.16	4.16	3.51	3.86	4.64	4.20	3.78	4.49	4.66			
(bu/ac)			62.6	61.7	61.7	52.0	57.3	68.9	62.3	56.0	66.6	69.2			

Testing Locations: Table 3.1			
Elora	2021	2022	2023
Ottawa	2021	2022	2023
Port Hope	2021	—	2023
Walton	2021	2022	2023

TABLE 3.2 – MATURITY GROUP 0 (2500-2800 HU) AREAS, CONVENTIONAL TEST

Variety	Days to Mature		AVERAGE Yield Index			ELORA Yield Index		OTTAWA Yield Index		PORT HOPE Yield Index		WALTON Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	2 year	3 year			
RICHMOND	115	113	77	78	80	76	80	83	82	75	78	82	76	1.6	
Aurelina☺	115	113	92	93	93	98	96	89	90	98	94	92	83	1.9	
Nala☺	115	113	90	93	—	94	—	94	—	—	89	—	90	1.9	
Asahi	116	114	99	94	95	88	90	95	96	99	94	95	83	1.7	
OAC Carson☺	116	115	94	93	92	96	93	90	91	96	90	91	75	1.8	
Hana	116	115	95	93	—	91	—	100	—	—	91	—	74	1.4	
Haltfo	117	115	96	92	96	91	96	97	101	99	85	90	77	1.6	
S03-P4☺	117	115	87	91	90	94	88	84	87	94	95	92	88	2.1	
Atiron	117	115	90	89	89	89	89	87	90	92	90	87	82	1.6	
AAC Shinju☺	117	116	81	83	82	87	81	80	82	80	82	84	88	2.2	
Apollina☺	118	116	96	96	98	93	97	99	101	96	95	98	83	1.7	
Kuma☺	118	116	101	102	—	110	—	98	—	—	103	—	91	2.0	
Panorama	118	116	95	95	95	96	97	95	95	97	94	92	69	1.6	
S04-K9☺	118	116	100	101	101	102	100	99	100	106	100	101	79	1.7	
OAC Champion☺	119	117	95	94	96	93	92	97	99	101	89	94	86	1.9	
OAC Strive☺	118	117	97	99	100	104	102	88	91	101	105	104	85	1.8	
OAC Kamran☺	118	118	94	95	98	97	98	93	94	97	97	101	71	1.5	
Kyoto	119	118	101	99	101	98	100	103	104	104	92	96	79	1.5	
S10-R2☺	120	118	102	102	101	101	98	103	104	103	102	99	88	1.9	
Atacama☺	120	119	100	102	99	101	105	100	100	102	101	91	76	1.7	
Utica	120	119	93	94	95	95	96	95	96	89	95	97	82	1.5	
Marula	120	119	97	98	100	93	96	98	99	99	102	104	93	1.6	
S07-M8☺	120	119	103	104	103	101	99	105	104	101	105	106	82	1.6	
Hola☺	119	120	104	99	102	99	105	106	107	102	92	97	82	1.4	
OAC Acclaim	121	120	99	101	101	101	103	101	101	92	104	105	73	1.7	
Katano	122	120	98	95	—	100	—	91	—	—	92	—	77	1.5	
Asana☺	120	120	94	98	99	102	101	97	96	95	101	103	83	1.7	
OAC Wallace	121	120	108	108	108	103	105	114	111	107	106	108	83	1.7	
Aya☺	122	120	104	103	101	101	101	103	102	98	106	101	82	1.6	
OAC Evolution☺	121	121	110	109	109	104	107	110	111	110	109	109	87	1.4	
Ezra	122	121	106	104	107	105	109	101	104	105	106	108	90	1.6	
Navan	121	121	104	104	106	103	105	107	106	110	103	105	87	1.5	
AAC Kovik	122	121	103	100	98	103	103	102	102	100	96	90	82	1.8	
Ajico☺	122	121	107	106	106	109	111	103	102	100	107	111	82	1.4	
Finch	122	121	102	104	106	103	107	107	107	105	104	105	90	1.5	
Kristian☺	122	121	104	104	105	105	107	101	102	103	108	107	86	1.5	
Acuna☺	122	122	104	106	108	107	114	105	106	105	106	106	93	1.7	
Saru☺	123	122	117	114	—	115	—	112	—	—	116	—	91	1.5	
Angelica☺	125	122	109	110	108	113	112	109	106	110	111	105	95	1.9	
Acora	122	123	107	108	107	105	102	105	105	104	116	115	95	1.6	
Matilda	123	123	113	113	111	110	109	112	112	112	116	112	85	1.6	
Genesis	123	123	102	105	103	103	102	104	103	103	109	104	88	1.9	
Kagawa	123	123	96	99	100	104	101	100	101	95	99	101	87	1.5	
OAC Elevation☺	123	124	101	101	102	97	98	103	104	101	101	104	92	1.6	
Wilma☺	125	124	113	114	—	108	—	122	—	—	112	—	89	1.8	
Skyline	126	125	99	101	99	104	97	98	97	106	103	99	89	1.8	
Atena☺	125	125	112	109	109	109	107	112	110	106	109	110	83	1.5	
Varieties with one year of data															
S01-D5	115	—	91	—	—	—	—	—	—	—	—	—	—	—	
Acardia☺	116	—	102	—	—	—	—	—	—	—	—	—	—	—	
Havane	121	—	100	—	—	—	—	—	—	—	—	—	—	—	
Malart	121	—	103	—	—	—	—	—	—	—	—	—	—	—	
OAC Bruno	122	—	99	—	—	—	—	—	—	—	—	—	—	—	
Odessa	124	—	109	—	—	—	—	—	—	—	—	—	—	—	
Canstar	125	—	111	—	—	—	—	—	—	—	—	—	—	—	
MONDO	125	—	92	—	—	—	—	—	—	—	—	—	—	—	
Mya	126	—	102	—	—	—	—	—	—	—	—	—	—	—	
LSD (0.10)			5	4	3	7	6	7	6	7	6	8			
Average yield (T/ha)			3.68	3.61	3.62	2.88	3.16	4.09	3.72	3.69	3.73	3.95			
(bu/ac)			54.6	53.5	53.8	42.7	46.9	60.6	55.2	54.8	55.3	58.6			

Testing Locations: Table 3.2			
Elora	2021	2022	2023
Ottawa	2021	2022	2023
Port Hope	2021	—	2023
Walton	2021	2022	2023

TABLE 4.1 – MATURITY GROUP 1 (2700-2900 HU) AREAS, RR TEST

Variety	Days to Mature		AVERAGE Yield Index			EXETER Yield Index		ST. MARYS Yield Index		WINCHESTER Yield Index		WOODSTOCK Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year		
Miko R2	126	122	95	94	92	94	94	93	91	97	96	90	85	86	1.5
Pico R2X	127	122	94	95	93	94	95	92	91	97	94	95	89	77	1.1
S09-H7E3	126	122	88	92	—	93	—	91	—	96	—	85	—	72	1.2
Maris R2X	127	122	107	101	99	96	95	106	104	102	100	100	98	84	1.3
S10-W8XF	128	123	93	95	95	97	97	87	90	99	99	94	95	82	1.2
Enyo E3	128	124	96	96	96	95	98	91	91	98	97	98	98	79	1.2
S12-M5X	129	124	103	99	100	98	99	100	100	100	103	95	96	69	1.2
Dyno R2X	127	124	101	100	—	95	—	100	—	103	—	105	—	86	1.2
PS 1022 EN	129	124	100	97	—	100	—	90	—	99	—	96	—	80	1.3
Rondo R2X	129	125	99	98	99	98	98	99	100	95	97	99	100	87	1.3
SI 1120E3N	130	125	103	100	100	104	104	103	104	95	96	99	97	70	1.1
S13-Y4XF	128	125	103	102	—	100	—	102	—	105	—	102	—	84	1.2
Summit E3	128	126	98	96	—	103	—	95	—	90	—	97	—	76	1.1
DKB11-51	130	126	107	103	100	99	96	108	104	106	100	98	101	87	1.2
B119KE	129	126	95	94	—	100	—	88	—	92	—	96	—	72	1.1
PS 1520 XRN	130	127	97	100	102	96	99	100	101	105	105	100	104	84	1.1
P12T94E	130	127	95	94	96	99	98	88	90	93	97	98	100	76	1.1
S14-W6E3	131	127	95	97	97	102	103	93	93	98	96	95	97	76	1.2
SI 1222E3N	131	127	105	103	—	100	—	106	—	102	—	102	—	78	1.2
Compass E3	131	128	104	101	100	107	102	100	102	99	99	98	96	75	1.2
Avalanche XF	132	128	101	102	—	103	—	95	—	112	—	94	—	84	1.2
S14-C7XF	131	128	102	103	104	101	101	100	101	105	106	105	111	91	1.2
DKB14-97	131	128	102	101	—	96	—	108	—	106	—	93	—	89	1.1
S16-K2X	130	128	95	98	100	97	100	103	100	99	100	93	99	83	1.2
PS 1421 EN	131	128	99	101	102	99	101	98	96	103	103	103	108	91	1.2
Mercado XF	132	128	104	103	—	102	—	102	—	106	—	99	—	89	1.3
CP1622X	134	128	105	94	—	95	—	92	—	92	—	97	—	86	1.3
B158DE	133	129	97	98	—	102	—	87	—	101	—	102	—	78	1.2
DKB14-65	134	129	112	106	104	104	103	112	109	104	105	106	100	86	1.3
Cyclone R2X	132	129	106	104	104	103	101	101	104	112	110	99	100	83	1.2
Keith XF	132	129	109	106	104	103	101	108	106	106	106	107	105	90	1.2
SI 1422XTN	133	129	107	108	—	102	—	112	—	112	—	105	—	86	1.2
DKB16-64XF	133	130	107	103	—	97	—	115	—	97	—	106	—	91	1.3
SI 1820XTN	135	130	109	104	106	102	103	110	110	101	105	104	109	88	1.3
Rask E3	134	131	107	105	—	102	—	108	—	100	—	112	—	85	1.2
Cougar E3	135	131	99	101	102	104	104	102	102	99	98	97	104	78	1.5
P17A87E	134	131	106	103	—	102	—	109	—	99	—	103	—	84	1.1
B182ME	134	131	102	101	—	99	—	102	—	100	—	107	—	86	1.1
PS 1721 EN	135	131	102	98	100	99	100	99	104	95	96	100	103	84	1.1
P18A73E	134	131	103	101	—	105	—	97	—	96	—	107	—	80	1.1
Savard E3	135	131	104	101	102	105	106	104	104	96	97	101	101	81	1.2
Panther XF	138	133	103	101	101	103	102	103	103	93	95	109	107	93	1.6
Ocelot E3	140	135	104	102	—	107	—	103	—	93	—	107	—	91	1.6
Varieties with one year of data															
PR23XF2925	119	—	70	—	—	—	—	—	—	—	—	—	—	—	—
S09-B5XF	127	—	92	—	—	—	—	—	—	—	—	—	—	—	—
Elico E3	127	—	94	—	—	—	—	—	—	—	—	—	—	—	—
Elliott R2X	127	—	98	—	—	—	—	—	—	—	—	—	—	—	—
Falcon E3	127	—	88	—	—	—	—	—	—	—	—	—	—	—	—
Stine 10EG20	128	—	101	—	—	—	—	—	—	—	—	—	—	—	—
B103EE	128	—	97	—	—	—	—	—	—	—	—	—	—	—	—
S11-U2XF	128	—	103	—	—	—	—	—	—	—	—	—	—	—	—
B163EE	130	—	98	—	—	—	—	—	—	—	—	—	—	—	—
S11-A4E3	130	—	99	—	—	—	—	—	—	—	—	—	—	—	—
EXP1123XFN	130	—	100	—	—	—	—	—	—	—	—	—	—	—	—
P14A12E	131	—	90	—	—	—	—	—	—	—	—	—	—	—	—
Typhoon E3	132	—	99	—	—	—	—	—	—	—	—	—	—	—	—
Stine 12EB32	132	—	96	—	—	—	—	—	—	—	—	—	—	—	—
SI 1323XFN	133	—	96	—	—	—	—	—	—	—	—	—	—	—	—
S18-F1E3S	134	—	101	—	—	—	—	—	—	—	—	—	—	—	—
P19A37E	134	—	105	—	—	—	—	—	—	—	—	—	—	—	—
B173EE	135	—	108	—	—	—	—	—	—	—	—	—	—	—	—
SI 1823E3N	136	—	100	—	—	—	—	—	—	—	—	—	—	—	—
LSD (0.10)			4	3	3	8	7	7	6	5	4	7	6		
Average yield (T/ha)			4.81	4.53	4.43	5.20	5.03	4.07	4.07	5.35	5.07	3.52	3.56		
(bu/ac)			71.3	67.3	65.7	77.1	74.6	60.4	60.4	79.4	75.2	52.2	52.8		

Testing Locations: Table 4.1			
Exeter	2021	2022	2023
St. Marys	2021	2022	2023
Winchester	2021	2022	2023
Woodstock	2021	2022	2023

TABLE 4.2 – MATURITY GROUP 1 (2700-2900 HU) AREAS, CONVENTIONAL TEST

Variety	Days to Mature		AVERAGE Yield Index			EXETER Yield Index		ST. MARYS Yield Index		WINCHESTER Yield Index		WOODSTOCK Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat	
	1 year	2 year	1 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year			
S10-R2⓪	122	119	94	95	95	95	99	93	89	93	92	101	103	84	1.5	
Marula	123	120	91	89	90	88	89	87	90	95	93	85	86	85	1.0	
Ezra	124	121	94	93	98	96	99	92	97	93	98	89	97	83	1.1	
Finch	123	121	94	95	96	91	93	94	97	96	95	102	100	83	1.1	
Matilda	125	122	106	104	--	106	--	98	--	107	--	101	--	79	1.1	
Acora	126	122	99	96	95	96	96	95	97	95	96	98	92	89	1.2	
Kagawa	124	122	94	93	92	90	87	98	98	96	96	83	84	84	1.1	
Odessa	126	123	96	97	98	99	102	97	100	100	99	90	90	78	1.1	
Skyline	127	124	91	93	94	93	94	91	94	96	96	92	92	81	1.2	
S12-J7⓪	126	124	98	99	101	101	104	99	100	93	95	105	108	76	1.2	
Atena⓪	127	124	98	97	98	97	100	101	101	99	100	88	86	74	1.1	
Wilma⓪	128	124	105	105	--	104	--	111	--	106	--	98	--	85	1.2	
P11A10	128	125	103	101	103	106	107	103	101	92	100	105	104	90	1.3	
OAC Malory⓪	128	125	97	98	96	100	98	95	92	100	97	98	97	80	1.6	
S14-H3⓪	129	125	102	100	100	104	103	100	99	98	98	95	99	75	1.1	
Mya	128	125	100	99	101	97	103	95	95	102	102	105	107	93	1.3	
Baltazar	131	126	104	99	99	95	94	103	102	108	109	84	87	85	1.2	
OAC Union⓪	130	127	103	104	107	103	106	104	105	110	111	95	105	77	1.2	
Zeta	130	128	110	109	110	108	110	109	109	108	108	115	116	81	1.2	
OAC Aberdeen	131	128	109	107	108	113	110	107	109	97	99	118	120	76	1.1	
Taku	133	128	107	109	109	104	105	117	114	107	106	112	112	92	1.6	
Alinova	132	129	116	111	--	112	--	104	--	110	--	120	--	83	1.2	
Haldi	132	129	95	98	--	101	--	96	--	94	--	104	--	78	1.2	
Forto	134	129	99	98	98	97	97	98	95	102	101	94	96	96	1.4	
HDC Blake	133	131	100	96	97	97	96	101	102	92	98	95	91	90	1.4	
Rowan	135	131	114	113	114	106	109	112	114	111	111	130	129	90	1.3	
Varieties with one year of data																
Inwood⓪	127	--	91	--	--	--	--	--	--	--	--	--	--	--	--	
S16-B8	129	--	94	--	--	--	--	--	--	--	--	--	--	--	--	
S20-W9	132	--	99	--	--	--	--	--	--	--	--	--	--	--	--	
LSD (0.10)			4	4	3	9	9	6	5	6	5	7	7			
Average yield (T/ha)			4.09	3.72	3.72	4.35	4.38	3.54	3.57	4.51	4.34	2.49	2.57			
(bu/ac)			60.6	55.2	55.1	64.5	65.0	52.4	52.9	66.8	64.4	37.0	38.2			

Testing Locations: Table 4.2				
Exeter	2021	2022	2023	
St. Marys	2021	2022	2023	
Winchester	2021	2022	2023	
Woodstock	2021	2022	2023	

TABLE 5.1 – EARLY MATURITY GROUP 2 (2900-3300 HU) AREAS, RR TEST

Variety	Days to Mature		CLAY AVG Yield Index		INWOOD Yield Index		PALMYRA Yield Index			LOAM AVG Yield Index		FNGAL Yield Index	RIDGETOWN Yield Index			Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	1 year	2 year	3 year	1 year	2 year	2 year	2 year	3 year	2 year	3 year			
Summit E3	122	119	89	88	--	86	--	89	90	--	91	--	78	1.1			
Compass E3	124	122	92	92	78	101	98	106	99	83	98	99	75	1.4			
Ranger R2X	127	123	98	94	110	88	93	98	96	105	95	97	86	1.9			
SI 2121XTN	126	124	101	96	113	92	93	101	101	103	99	98	91	1.7			
S18-F1E3S	127	124	98	94	--	96	--	103	102	--	101	--	82	1.4			
PS 2120 EN	127	125	91	93	77	100	94	100	103	105	104	103	85	1.4			
DKB21-30XF	129	126	101	102	106	102	105	102	99	100	97	98	89	1.8			
DKB19-80	128	126	101	103	118	97	99	99	102	106	103	100	95	2.2			
Masters XF	128	126	95	97	--	99	--	104	102	--	101	--	89	1.9			
DKB23-05	129	127	103	105	--	102	--	98	99	--	99	--	90	1.5			
S20-L8X	129	127	97	101	92	105	107	87	91	95	90	89	85	2.1			
Express R2X	129	127	108	107	117	103	104	104	103	102	101	102	95	2.1			
DKB23-24	130	127	111	109	--	105	--	100	103	--	102	--	94	1.5			
DKB25-17XF	130	129	92	97	95	99	100	99	104	97	108	109	89	1.5			
S22-J4X	131	129	102	99	91	102	104	100	101	102	102	102	89	1.5			
S22-A2E3	129	129	111	107	--	102	--	102	102	--	102	--	84	1.4			
PS 2322 XFN	131	130	102	105	--	103	--	98	101	--	101	--	93	1.8			
S25-G8E3	131	131	97	98	--	97	--	100	101	--	103	--	89	1.3			
S26-E3	131	131	91	96	--	100	--	98	101	--	100	--	91	1.5			
PS 2521 XFN	133	132	102	103	102	105	104	96	100	102	102	103	90	1.7			
DKB27-55	134	133	115	116	--	112	--	99	98	--	98	--	99	2.0			
B253LE	134	134	96	100	--	103	--	103	103	--	104	--	89	1.2			
Varieties with one year of data																	
PS 1923XFN	128	--	103	--	--	--	--	103	--	--	--	--	--	--			
P20A48E	129	--	99	--	--	--	--	94	--	--	--	--	--	--			
Kraft E3	129	--	96	--	--	--	--	99	--	--	--	--	--	--			
B213EE	129	--	111	--	--	--	--	102	--	--	--	--	--	--			
S19-Y5E3	130	--	102	--	--	--	--	108	--	--	--	--	--	--			
Stine 20EG02	131	--	105	--	--	--	--	100	--	--	--	--	--	--			
P22A67E	131	--	85	--	--	--	--	87	--	--	--	--	--	--			
P24A07E	132	--	104	--	--	--	--	105	--	--	--	--	--	--			
B243EE	132	--	90	--	--	--	--	108	--	--	--	--	--	--			
Stine 25EG20	135	--	102	--	--	--	--	106	--	--	--	--	--	--			
Lawson R2X	135	--	110	--	--	--	--	100	--	--	--	--	--	--			
LSD (0.10)			8	7	13	8	7	7	6	10	6	7					
Average yield (T/ha)			4.56	4.74	3.14	5.39	5.04	5.36	5.56	3.85	6.26	6.27					
(bu/ac)			67.7	70.3	46.5	80.0	74.7	79.5	82.5	57.1	92.9	93.0					

Testing Locations: Table 5.1			
Inwood	2021	--	2023
Palmyra	2021	2022	2023
Fingal	2021	--	2023
Ridgetown	2021	2022	2023

TABLE 5.2 – EARLY MATURITY GROUP 2 (2900-3300 HU) AREAS, CONVENTIONAL TEST

Variety	Days to Mature		CLAY AVG		INWOOD		PALMYRA			LOAM AVG		FNGAL	RIDGETOWN		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	1 year	2 year	3 year	1 year	2 year	2 year	2 year	3 year				
OAC Bruton	126	124	98	97	95	100	102	95	97	88	99	99	90	2.0		
OAC Aberdeen	127	124	99	95	91	94	96	105	102	104	104	104	83	1.3		
HDC Blake	126	124	96	95	105	95	94	101	89	103	83	87	95	1.8		
Rowan	128	125	112	103	112	97	98	101	106	108	109	109	92	1.5		
OAC Kent	128	126	112	107	108	108	104	98	91	95	87	87	97	2.3		
OAC Marvel	129	127	91	92	89	94	90	96	97	96	97	92	95	1.8		
SG 2311	130	127	105	101	108	99	101	98	93	95	90	92	96	1.8		
Tillson	130	128	97	99	89	103	108	112	110	120	111	111	91	1.4		
AAC 26-15	131	129	98	97	97	95	94	95	96	91	95	91	94	1.9		
OAC Stirling	132	129	106	102	101	100	105	99	99	97	100	103	97	2.1		
Siena	131	130	113	108	104	109	108	111	113	105	116	115	92	1.8		
AAC Wigle	131	131	94	94	98	95	96	102	101	99	103	102	98	1.7		
AAC McRae	133	131	92	95	92	97	97	106	105	102	106	105	101	2.0		
DF 155	133	132	112	109	106	110	101	99	94	92	94	96	94	1.9		
AAC Big Ben	134	134	104	105	104	103	104	104	106	104	107	107	103	2.3		
Varieties with one year of data																
S16-B8	125	—	88	—	—	—	—	95	—	—	—	—	—	—		
S20-W9	125	—	85	—	—	—	—	90	—	—	—	—	—	—		
S21-C6	129	—	99	—	—	—	—	92	—	—	—	—	—	—		
LSD (0.10)			9	7	12	7	8	6	6	10	7	7				
Average yield (T/ha)			4.56	4.86	3.33	5.39	4.91	4.93	5.04	4.22	5.45	5.44				
(bu/ac)			67.7	72.1	49.3	80.0	72.8	73.1	74.8	62.6	80.8	80.7				

Testing Locations: Table 5.2			
Inwood	2021	—	2023
Palmyra	2021	2022	2023
Fingal	2021	—	2023
Ridgetown	2021	2022	2023

TABLE 6.1 – LATE MATURITY GROUP 2 (3300-3500 HU) AREAS, RR TEST

Variety	Days to Mature		CLAY AVG		MERLIN		WOODSLEE		LOAM AVG		CHATHAM		MALDEN		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	2 year	3 year	2 year	3 year	1 year	2 year	2 year	3 year	2 year	3 year		
S26-E3	119	116	94	89	85	98	92	99	92	92	89	90	95	99	79	1.1
Darby E3	119	118	96	91	96	--	87	--	89	95	93	--	96	--	85	1.2
S25-G8E3	120	118	96	98	100	--	97	--	94	98	97	--	99	--	82	1.2
S29-R5X	121	119	97	97	92	102	102	101	100	105	110	110	100	101	86	1.2
DKB27-55	123	120	122	115	119	--	112	--	106	106	111	--	102	--	94	1.2
P29A19E	123	122	104	108	110	--	105	--	100	100	102	--	98	--	84	1.2
P28A65E	125	122	101	101	94	--	107	--	105	101	99	--	103	--	82	1.1
DKB28-76XF	124	123	104	100	104	--	97	--	97	103	99	--	108	--	91	1.3
Varieties with one year of data																
S28-B9E3S	122	—	92	—	—	—	—	—	91	—	—	—	—	—	—	—
EXP2823EN	123	—	105	—	—	—	—	—	103	—	—	—	—	—	—	—
S25-K4XF	123	—	105	—	—	—	—	—	102	—	—	—	—	—	—	—
P30A75E	124	—	106	—	—	—	—	—	102	—	—	—	—	—	—	—
S29-N5E3	125	—	89	—	—	—	—	—	96	—	—	—	—	—	—	—
Stine 31EF02	125	—	97	—	—	—	—	—	102	—	—	—	—	—	—	—
Stine 29EF02	125	—	92	—	—	—	—	—	100	—	—	—	—	—	—	—
B283EE	126	—	102	—	—	—	—	—	104	—	—	—	—	—	—	—
P33A62E	126	—	105	—	—	—	—	—	107	—	—	—	—	—	—	—
PS 3022XFN	127	—	98	—	—	—	—	—	105	—	—	—	—	—	—	—
S32-J5XF	128	—	94	—	—	—	—	—	105	—	—	—	—	—	—	—
LSD (0.10)			9	6	8	9	10	7	6	4	5	6	7	6		
Average yield (T/ha)			4.10	3.92	3.84	3.87	4.01	4.71	6.26	5.62	5.52	5.12	5.71	5.27		
(bu/ac)			60.8	58.2	56.9	57.4	59.5	69.8	92.8	83.3	81.8	76.0	84.8	78.1		

TABLE 6.2 – LATE MATURITY GROUP 2 (3300-3500 HU) AREAS, CONVENTIONAL TEST

Variety	Days to Mature		CLAY AVG Yield Index		MERLIN Yield Index		WOODSLEE Yield Index		LOAM AVG Yield Index		CHATHAM Yield Index		MALDEN Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	2 year	3 year	2 year	3 year	1 year	2 year	2 year	3 year	2 year	3 year		
OAC Marvel	116	113	97	98	99	99	97	96	101	101	106	103	96	97	90	1.5
SG 2311	115	113	98	96	98	105	95	100	94	91	82	90	101	102	85	1.3
HDC Blake	113	113	98	91	90	94	93	100	86	77	77	83	76	85	86	1.4
Siena	116	115	107	107	108	106	106	107	110	110	124	116	97	99	81	1.3
OAC Stirling [†]	119	116	93	98	99	97	96	97	110	111	112	105	110	103	92	1.7
AAC 26-15	120	116	93	94	90	91	97	97	88	93	96	98	91	96	86	1.4
AAC McRae [†]	120	117	105	106	108	103	105	101	104	101	107	103	94	97	94	1.3
AAC Wigle [†]	119	117	97	96	91	92	101	96	97	101	96	95	106	108	88	1.3
DF 155	123	118	103	104	108	107	101	—	106	106	96	103	116	—	88	1.6
AAC Big Ben	124	122	107	110	109	107	110	105	104	109	105	102	113	112	100	1.8
LSD (0.10)			9	6	10	9	7	8	9	7	7	7	12	9		
Average yield (T/ha)			3.99	3.77	3.67	3.97	3.88	4.32	5.10	4.63	4.59	4.45	4.67	4.57		
(bu/ac)			59.1	56.0	54.5	58.9	57.5	64.1	75.7	68.6	68.0	65.9	69.2	67.8		

Testing Locations: Table 6			
Merlin	2021	2022	2023
Woodslee	2021	2022	2023
Chatham	2021	2022	2023
Malden	2021	2022	2023



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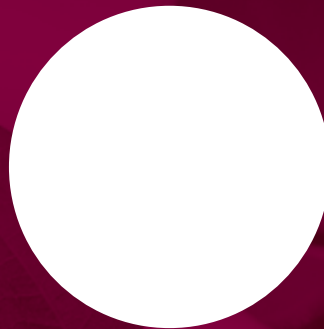
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CP1621E		
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CP2223E		
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CP2320RX		
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CP2322E		
Saskatoon; Winfield United Canada	888-975-4769	F
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Courtland; Horizon Seeds Canada Inc.	519-842-5538	R
CYCLONE R2X		
Tilbury; Maizex Seeds Inc.	519-682-1720	F R
DARBY E3		
Harrow; Salter Farms Ltd.	519-738-3234	R
EC2141386		
Arva; Syngenta Canada Inc.	877-964-3682	F
EE2000109		
Hensall; Hensall District Co-Operative Inc.	519-262-3002	S F
EE2001121		
Hensall; Hensall District Co-Operative Inc.	519-262-3002	S F
EE2001788		
Hensall; Hensall District Co-Operative Inc.	519-262-3002	F
EE2121746		
Arva; Syngenta Canada Inc.	877-964-3682	F



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ELLIOTT R2X	
Branchton; Szentimrey, Peter, Zachary, Zane & Hannah..	519-620-1100 S F
EW2148503	
Arva; Syngenta Canada Inc.	877-964-3682 F
EXP02-23E3	
Arva; Syngenta Canada Inc.	877-964-3682 F
EXPRESS R2X	
Alvinston; Mackellar Farms	519-318-4463 S F
Alvinston; Mc Rae, Jonathan & Matthew	519-464-2887 C
Denfield; Kuebler, Ralph.....	226-268-6934 R
HALTIFO	
St. Isidore; CCMB	613-524-2981 S F
HART R2X	
Cobden; Stone Farms	613-646-9737 R
HARVEY E3	
St. Isidore; CCMB	613-524-2981 S C
HDC BLAKE	
Hensall; Hensall District Co-Operative Inc.....	519-262-3002 F R
INWOOD☉	
Alvinston; Mackellar Farms	519-318-4463 S F
Denfield; Kuebler, Ralph.....	226-268-6934 R
Lucknow; Snobelen Farms Ltd.	519-528-2092 R
KEITH XF	
Alvinston; Mc Rae, Jonathan & Matthew	519-464-2887 R
Brantford; Bow Park Farm Inc.	519-751-9782 S F R
KRAFT E3	
Alvinston; Mc Rae, Jonathan & Matthew	519-464-2887 S F C
LANDMARK E3	
Courtland; Horizon Seeds Canada Inc.	519-842-5538 S
LAWSON R2X	
Alvinston; Mackellar Farms	519-318-4463 S F
MAKO R2X	
Emo; Purity Seeds Limited.....	807-707-3717 C

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MASON XF	
Cobden; Stone Farms.....	613-646-9737 S F
MASTERS XF	
Canfield; Hedley Seeds Ltd.	905-774-7855 F R
MERINO R2X	
Emo; Purity Seeds Limited.....	807-707-3717 C
OAC ABERDEEN	
St. Thomas; R & D Curtis Farms.....	519-631-6241 F C
OAC ALMOND	
Clinton; Huron Commodities Inc.	519-482-8400 S F
OAC ATTIKA	
Clinton; Huron Commodities Inc.	519-482-8400 S F
OAC BOUNTY	
Demorestville; Wager Farms Ltd.....	613-921-9557 C
OAC BRUNO	
Clinton; Huron Commodities Inc.	519-482-8400 S F
OAC BRUTON☉	
Alvinston; Mackellar Farms	519-318-4463 S F C
Alvinston; Mc Rae, Jonathan & Matthew	519-464-2887 S F R
Bath; Miller Seed Farm	613-483-9423 R
Branchton; Szentimrey, Peter, Zachary, Zane & Hannah..	519-620-1100 S F R
Brantford; Bow Park Farm Inc.	519-751-9782 S C
Canfield; Hedley Seeds Ltd.	905-774-7855 R
Denfield; Kuebler, Ralph.....	226-268-6934 C
Jarvis; Landray Farm Inc.....	905-870-4002 S F R
Lucknow; Snobelen Farms Ltd.	519-528-2092 C
Morpeh; Stirling, Bryan Thomas	519-784-0402 S F
Ridgetown; Southwest Seeds Inc.....	519-674-0054 R
St. Thomas; R & D Curtis Farms.....	519-631-6241 S F R
Wheatley; Recker Seeds	519-818-0735 S F C
OAC CANDY	
Cobden; Stone Farms.....	613-646-9737 S F
OAC CARSON☉	
Chesley; Rose Valley Farms.....	519-377-0548 C
OAC HASTINGS☉	
Lindsay; Midnight Acres.....	705-878-8200 S F



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OAC KAMRAN☼

Lindsay; Midnight Acres.....705-878-8200 R C
Lucknow; Snobelen Farms Ltd.519-528-2092 S F R
St. Isidore; CCMB613-524-2981 C
St. Thomas; R & D Curtis Farms.....519-631-6241 S F
St. Thomas; Summit Genetics Inc.519-631-6241 R

OAC KENT

Jarvis; Landray Farm Inc.....905-870-4002 S F C

OAC KYIV

Clinton; Huron Commodities Inc.519-482-8400 S F

OAC LAKEVIEW

Lucknow; Snobelen Farms Ltd.519-528-2092 R

OAC MADOC

Ripley; Courtney Grain And Seed (2015) Ltd.....519-395-2972 S F

OAC MALORY☼

Lucknow; Snobelen Farms Ltd.519-528-2092 R

OAC MARVEL

St. Thomas; Summit Genetics Inc.519-631-6241 C

OAC MORIA

St. Thomas; R & D Curtis Farms.....519-631-6241 S F

OAC PRESCOTT☼

Westmeath; Reaburn Seed Supply Ltd.....613-582-3550 R

OAC PRUDENCE

New Liskeard; Labonte Seed Division Of Reliable Elevators Corp. (On)705-647-3129 S F

OAC STIRLING☼

St. Thomas; R & D Curtis Farms.....519-631-6241 S C

OAC STRIVE☼

Chesley; Rose Valley Farms.....519-377-0548 R
Dublin; R.T. Bolton & Son.....519-525-6430 F
Lindsay; Midnight Acres.....705-878-8200 R C
Lucknow; Snobelen Farms Ltd.519-528-2092 S F R
Palmerston; Connell Farms Inc.....519-343-2626 R
Ripley; Courtney Grain And Seed (2015) Ltd.....519-395-2972 S F R
St. Isidore; CCMB613-524-2981 R

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OAC UNION☼

Brantford; Bow Park Farm Inc.519-751-9782 S F R
Morpeth; Stirling, Bryan Thomas519-784-0402 S

OAC WALLACE

Lucknow; Snobelen Farms Ltd.519-528-2092 C

OCELOT E3

Tilbury; Maizex Seeds Inc.519-682-1720 F R C

ORR R2X

Branchton; Szentimrey, Peter, Zachary, Zane & Hannah..519-620-1100 S F
Lucknow; Snobelen Farms Ltd.519-528-2092 R
St. Isidore; CCMB613-524-2981 R

PANTHER XF

Tilbury; Maizex Seeds Inc.519-682-1720 F R C

RAMAGE XF

Lucknow; Snobelen Farms Ltd.519-528-2092 C
Ripley; Courtney Grain And Seed (2015) Ltd.....519-395-2972 S R
St. Isidore; CCMB613-524-2981 C

RANGER R2X

Denfield; Kuebler, Ralph.....226-268-6934 C

RD714

St. Albert; R.D. Legault Seeds Ltd.....613-987-5494 S F R

REECE R2X

Branchton; Szentimrey, Peter, Zachary, Zane & Hannah..519-620-1100 F

RIDLEY XF

Cobden; Stone Farms.....613-646-9737 S F
Demorestville; Wager Farms Ltd.....613-921-9557 F
Lucknow; Snobelen Farms Ltd.519-528-2092 S F

RX1818

Saskatoon; Winfield United Canada888-975-4769 S F

S007-Z1X

Arva; Syngenta Canada Inc.877-964-3682 F R

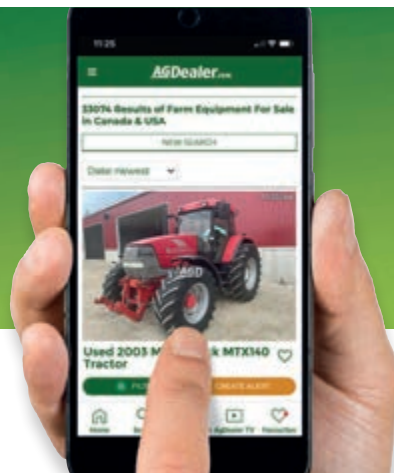
S008-N2

Arva; Syngenta Canada Inc.877-964-3682 R

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S02-M4XF	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S03-P4☉	
Hensall; Hensall District Co-Operative Inc.....	519-262-3002 S F R C
S03-V5E3	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S03-W4	
Hensall; Hensall District Co-Operative Inc.....	519-262-3002 S F R
S04-J6X	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S04-K9☉	
Hensall; Hensall District Co-Operative Inc.....	519-262-3002 S F R
S06-A3XF	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S07-K5X	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S07-M8☉	
Hensall; Hensall District Co-Operative Inc.....	519-262-3002 S F R
S09-B5XF	
Arva; Syngenta Canada Inc.	877-964-3682 F
S09-H7E3	
Arva; Syngenta Canada Inc.	877-964-3682 F R C
S10-R2☉	
Hensall; Hensall District Co-Operative Inc.....	519-262-3002 S F R
S10-W8XF	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S12-J7☉	
Hensall; Hensall District Co-Operative Inc.....	519-262-3002 S F R
S12-M5X	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S13-Y4XF	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S14-C7XF	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S14-H3☉	
Hensall; Hensall District Co-Operative Inc.....	519-262-3002 S F R
S14-W6E3	
Arva; Syngenta Canada Inc.	877-964-3682 F R C
S16-K2X	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S18-F1E3S	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S19-Y5E3	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S20-L8X	
Arva; Syngenta Canada Inc.	877-964-3682 F R

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S21-C6☉	
Hensall; Hensall District Co-Operative Inc.....	519-262-3002 S
S22-A2E3	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S22-J4X	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S25-B6X	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S25-G8E3	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S26-E3	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S28-B9E3S	
Arva; Syngenta Canada Inc.	F
S29-R5X	
Arva; Syngenta Canada Inc.	877-964-3682 F R
S32-J5XF	
Arva; Syngenta Canada Inc.	877-964-3682 F
SAVAGE R2X	
Branchton; Szentimrey, Peter, Zachary, Zane & Hannah..	519-620-1100 F
Ripley; Courtney Grain And Seed (2015) Ltd.....	519-395-2972 R
SEABROOK R2X	
Lindsay; Midnight Acres.....	705-878-8200 C
SG2311	
Clinton; Huron Commodities Inc.	519-482-8400 F R C
Jarvis; Landray Farm Inc.....	905-870-4002 S
SHARP E3	
Palmerston; Connell Farms Inc.....	519-343-2626 S F
SUMMIT E3	
Courtland; Horizon Seeds Canada Inc.	519-842-5538 R
SUPREME XF	
Tilbury; Maizex Seeds Inc.	519-682-1720 F C
TRIQUET R2X	
Chesley; Rose Valley Farms.....	519-377-0548 C
Cobden; Stone Farms.....	613-646-9737 C
New Liskeard; Runnalls, Kevin.....	705-622-1870 C
TYPHOON E3	
Tilbury; Maizex Seeds Inc.	519-682-1720 F
VIPER R2X	
Tilbury; Maizex Seeds Inc.	519-682-1720 C
WOLVERINE E3	
Tilbury; Maizex Seeds Inc.	519-682-1720 F R
YOUNG R2X	
New Liskeard; Labonte Seed Division Of Reliable Elevators Corp. (On)
.....	705-647-3129 C

Pulses & Special Crops

The Ontario Pulse Crop Committee (OPCC) is the recommending committee for dry edible beans in Ontario.

The Ontario Dry Bean Tests are public trials conducted annually. The purpose of these tests is to obtain agronomic, pest, disease, and quality information for use in supporting the registration of new dry bean varieties and in preparing an annual performance report of varieties in Ontario. For more information go to the GoBeans.ca website.

Resistance Level Disease ratings:
R= Resistant; S= Susceptible, NA= not available

☪ Indicates a variety that is protected by Plant Breeders Rights legislation that complies with UPOV 1978.

☪ Indicates a variety that is protected by, or has been applied for and is pending, Plant Breeders Rights legislation that complies with UPOV 1991. (<https://pbrfacts.ca>)

PHOTO: THINKSTOCK

2019-2023 Variety Performance Trial – Long Season Area

Variety	Days to ² Maturity	Yield (lbs/ac) ¹				
		Long Season All Locations ⁴			St Thomas	Woodstock
		3 Year	2 Year	2023	2023	2023
Bolt	88	2745	2592	2268	2781	1755
Indi	89	3201	2917	2554	3206	1902
OAC Thunder	89	2908	2710	2461	3215	1707
AAC Shock	91	3169	3016	2942	3642	2241
HMS Medalist	91	3333	3109	2869	3536	2202
Armada	91	3503	3296	3094	4152	2036
HMS Victory	92	—	—	3217	3939	2496
Blizzard	93	3400	3188	2855	3489	2221
Liberty	93	—	—	2942	3749	2136
T9905	94	3366	3204	3007	3592	2422
Lighthouse	94	3336	3217	3156	3864	2448
Nautica	95	3111	2814	2856	3622	2090
Blast ^⓪	95	—	3593	3446	3931	2961
AAC Argosy	96	3340	3128	2976	3697	2255
Rogue	97	3307	3082	2939	2883	2996
OAC Charm	97	3416	3196	2986	3359	2613
Steam ^⓪	97	—	3635	3533	4136	2930
OAC Bechamel	97	—	3636	3430	4263	2597
OAC Resilient	97	—	3469	3469	4000	2938
OAC Seal ^⓪	98	3342	3180	2936	3489	2384
Rexeter	100	3126	3007	2884	3674	2093
Average Yield (lbs/ac)¹		3233	3156	2992	3630	2354
LSD (0.05)³		183	227	347	583	380

1 To convert lbs/acre to t/ha divide by 893.

2 Maturity is 1 year average. Maturity rating is affected by planting date and area where variety is being grown.

Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

3 LSD (0.05) - the LSD is a measure of variability within the trial. There is a ninety five percent probability that yields that differ by an amount greater than the LSD are different. Yields that differ by an amount less or equal to the LSD should be considered the same.

4 2 Year average is from 2020 and 2023, 3 Year average is from 2019, 2020 and 2023.

Long Season Testing Locations					
St Thomas	2023	—	—	2020	2019
Woodstock	2023	—	—	2020	2019

FIELD NOTES

DRY BEANS – WHITE (continued)

2019-2023 Variety Performance Trial – Short Season Area

Variety	Days to Maturity ²	Yield (lbs/ac) ¹								
		Short Season All Locations				Auburn				
		5 Year	4 Year	3 Year	2 Year	5 Year	4 Year	3 Year	2 Year	2023
Indi	97	3109	3133	3110	2991	3609	3699	3681	3760	4366
AAC Shock	97	3032	3044	3048	2923	3486	3472	3492	3443	4148
Bolt	98	2598	2594	2482	2347	3034	3042	2993	2937	3505
HMS Victory	98	—	—	3234	3205	—	—	3744	3846	4319
Blizzard	99	3223	3255	3272	3197	3394	3484	3531	3497	3881
OAC Thunder	99	2968	2961	2896	2840	3236	3273	3242	3214	3673
Armada	99	3285	3297	3300	3327	3578	3677	3580	3732	4172
HMS Medalist	100	3254	3288	3272	3275	3647	3811	3810	4019	4405
Blast@	100	—	3374	3441	3391	—	3401	3611	3674	4035
T9905	101	3042	3043	2976	2847	3229	3299	3310	3293	3637
Liberty	101	—	—	3432	3439	—	—	3716	3848	4105
OAC Resilient	101	—	3188	3152	3115	—	3604	3492	3583	4239
Nautica	102	2881	2846	2887	2895	3146	3216	3279	3508	3834
Lighthouse	102	3084	3115	3090	3039	3466	3553	3573	3658	4001
Rogue	102	3132	3153	3151	3119	3286	3336	3380	3484	3937
OAC Seal@	103	—	—	—	—	—	—	—	—	4133
AAC Argosy	103	3099	3106	3113	3048	3316	3367	3502	3500	4382
OAC Bechamel	103	—	3296	3305	3299	—	3476	3537	3712	3847
OAC Charm	103	—	—	—	—	—	—	—	—	3853
Steam@	103	—	3489	3524	3526	—	3512	3734	3855	4556
Rexeter	106	2888	2845	2796	2723	3300	3299	3315	3497	3876
Average Yield (lbs/ac)¹		3046	3119	3131	3081	3364	3442	3501	3582	4043
LSD (0.05)³		92	104	119	145	182	208	214	269	364

1 To convert lbs/acre to t/ha divide by 893.

2 Maturity is 3 year average. Maturity rating is affected by planting date and area where variety is being grown. Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

3 LSD (0.05) - the LSD is a measure of variability within the trial. There is a ninety five percent probability that yields that differ by an amount greater than the LSD are different. Yields that differ by an amount less or equal to the LSD should be considered the same.

DRY BEANS – COLOURED MINOR

2021-2023 Characteristics and Distributors

Variety	Market Class	100 Seed Weight(g) ³	Disease Reaction ¹					Blight	Common Harvestability ⁴	Distributor
			Bean Common							
			Mosaic Virus		Anthracnose ²					
Race		Race								
1	15	17	23	73						
Windbreaker	Pinto	39.0	NA	NA	NA	NA	NA	S	3.9	Canterra Seeds
OAC Sienna	Pinto	37.9	R	R	NA	NA	S	S	3.3	U of G
Zenith	Black	24.8	R	R	NA	NA	R	S	1.6	Hensall Co-op
Zorro	Black	24.4	R	R	R	R	S	S	1.7	Hensall Co-op
Black Tails	Black	22.5	R	R	NA	NA	NA	S	1.7	Western Harvest Bean
Viper	Small Red	30.2	NA	NA	NA	NA	S	S	2.5	ADM Seedwest
OAC Vortex	Black	23.8	R	R	NA	NA	S	R	2.2	Underwood Grain Ltd.
Blackbeard	Black	23.9	R	NA	NA	NA	NA	S	1.8	Western Harvest Bean
OAC Rosito	Small Red	24.0	R	R	NA	NA	S	S	1.9	Hensall Co-op
Bannock@	Black	23.5	R	R	NA	NA	S	S	1.6	Hensall Co-op
Umbra@	Black	23.5	R	R	NA	NA	S	S	1.9	Hensall Co-op
Spectre	Black	25.2	R	R	NA	NA	NA	S	1.7	Western Harvest Bean

1 R = Resistant, S = Susceptible, NA = Not Available

2 Anthracnose ratings, the predominant race found now in Ontario is Race 73. Race 17 (binary system) is equivalent to the Alpha race, race 23 (binary system) is equivalent to the Delta race.

3 To convert 100 seed weight (g) to seeds per pound divide 45,400 by seed weight. Example: 45,400 / 63 gm = 720 seeds/lb

4 A variety's harvestability is based on a scale of 1-5, where 1 = upright plant type, standing erect with good bottom pod height and 5 = more prostrate plant type or plants that are not erect, with poor bottom pod height.

Variety	Days to Maturity ²	Yield (lbs/ac) ¹											
		Exeter					Elora			Winchester			
		5 Year	4 Year	3 Year	2 Year	2023	2 Year	2022	5 Year	4 Year	3 Year	2 Year	2023
Indi	97	3115	3103	3090	3086	4151	1963	2865	3390	3408	3325	3157	3433
AAC Shock	97	3017	3071	3053	3108	4155	1874	2867	3296	3291	3381	3267	3553
Bolt	98	2520	2535	2424	2439	3153	1508	2080	2868	2845	2680	2506	2499
HMS Victory	98	—	—	2948	3043	3864	2409	3203	—	—	3559	3521	3744
Blizzard	99	3185	3182	3144	3129	4006	2517	3246	3632	3649	3645	3646	3980
OAC Thunder	99	2938	3010	2886	3014	4042	2117	3109	3316	3168	3077	3015	3594
Armada	99	3073	3030	3013	3218	4076	2472	3205	3757	3776	3858	3887	4181
HMS Medalist	100	3023	3014	2973	3076	3962	2424	3193	3630	3638	3600	3584	4221
Blast@	100	—	3286	3243	3368	4584	2646	3634	—	3949	3997	3877	4519
T9905	101	3007	2995	2898	2955	3885	1931	2681	3517	3532	3416	3209	3501
Liberty	101	—	—	3234	3350	3925	2601	3183	—	—	3901	3956	4368
OAC Resilient	101	—	2972	2969	3135	4402	2474	3256	—	3464	3447	3270	3438
Nautica	102	2893	2881	2839	2914	3719	1917	2581	3253	3134	3192	3243	3572
Lighthouse	102	2936	2935	2892	2895	3750	2254	3091	3388	3397	3363	3350	3996
Rogue	102	3163	3144	3033	3112	4129	2354	3403	3465	3549	3571	3526	3851
OAC Seal@	103	—	—	—	—	4247	—	3177	—	—	—	—	3732
AAC Argosy	103	3044	3059	2942	3014	3959	2283	3296	3509	3494	3446	3393	4194
OAC Bechamel	103	—	3104	2965	3062	4046	2705	3833	—	3741	3815	3718	4459
OAC Charm	103	—	—	—	—	3913	—	3440	—	—	—	—	4188
Steam@	103	—	3421	3324	3448	4508	2849	3731	—	3986	3964	3951	4535
Rexeter	106	2991	2925	2863	2943	3567	1556	2101	3161	3106	3035	2898	3353
Average Yield (lbs/ac)¹		2993	3039	2986	3069	4002	2255	3103	3399	3478	3488	3420	3853
LSD (0.05)³		174	206	225	286	430	232	374	202	221	263	355	512

Short Season Testing Locations

Auburn	2023	2022	2021	2020	2019
Exeter	2023	2022	2021	2020	2019
Elora	2023	2022	—	2020	2019
Winchester	2023	2022	2021	2020	2019

2019-2023 Variety Performance Trial

Variety	Market Class	Days to Maturity ²	Yield (lbs/ac) ¹														
			All Locations				St. Thomas			Exeter			Winchester				
			5 Year	4 Year	3 Year	2 Year	2023	5 Year	4 Year	3 Year	2 Year	2023	5 Year	4 Year	3 Year	2 Year	2023
Windbreaker	Pinto	91	—	—	2996	2937	3367	—	—	2345	2367	3062	—	—	3563	3291	3936
OAC Sienna	Pinto	92	—	3407	3384	3406	3803	—	2843	2914	2812	3371	—	3872	3972	3800	4065
Zenith	Black	95	3652	3657	3607	3432	3596	3255	3273	3166	3134	4180	3837	3811	4074	3649	4403
Zorro	Black	96	3603	3529	3474	3430	4639	3221	3173	3123	3212	3974	3621	3443	3477	3044	3492
Black Tails	Black	96	3630	3594	3563	3529	3831	3238	3185	3127	3238	3950	3913	3776	3868	3670	4002
Viper	Small Red	97	3797	3769	3742	3728	4032	3358	3249	3123	3116	4025	4082	4100	4316	4189	4769
OAC Vortex	Black	97	3749	3777	3837	3641	4217	3296	3333	3221	3188	4177	3997	3888	4109	3806	4414
Blackbeard	Black	97	3755	3769	3893	3893	4262	3381	3368	3319	3312	4345	3941	3954	4326	4289	4951
OAC Rosito	Small Red	98	3371	3259	3273	3348	3962	2787	2709	2742	2928	3967	3665	3484	3667	3461	4015
Bannock@	Black	98	—	3839	3811	3785	4517	—	3241	3238	3427	4581	—	3927	4125	3776	4839
Umbra@	Black	98	—	3758	3770	3710	4672	—	3126	3004	3096	3806	—	3878	4086	3844	4848
Spectre	Black	101	3736	3744	3689	3766	4541	3290	3250	3172	3317	3968	3868	3882	4007	3827	4474
Average Yield (lbs/ac)¹			3662	3646	3587	3550	4120	3228	3159	3041	3096	3951	3866	3820	3966	3721	4351
LSD (0.05)³			129	152	167	206	585	202	233	238	313	474	185	211	239	286	422

1 To convert lbs/acre to t/ha divide by 893.

2 Maturity is 3 year average. Maturity rating is affected by planting date and area where variety is being grown.

Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

3 LSD (0.05) - the LSD is a measure of variability within the trial. There is a ninety five percent probability that yields that differ by an amount greater than the LSD are different. Yields that differ by an amount less or equal to the LSD should be considered the same.

Testing Locations

St Thomas	2023	—	2021	2020	2019
Exeter	2023	2022	2021	2020	2019
Winchester	2023	2022	2021	2020	2019

DRY BEANS – COLOURED

2019-2023 Variety Performance Trial

Variety	Market Class	Days to Maturity ²	100 Seed Weight (g) ³	Yield (lbs/ac) ¹				
				All Locations				
				5 Year	4 Year	3 Year	2 Year	2023
Etna	Cranberry	82	61	2051	2008	2123	2196	2811
OAC Navabi	Cranberry	82	60	2257	2228	2253	2227	2718
Vero	Cranberry	84	61	1848	1803	1773	1759	1956
OAC Firestripe	Cranberry	85	68	—	—	—	—	3104
OAC Agate	Cranberry	85	61	—	2312	2271	2271	2757
OAC Volterra	Cranberry	86	66	—	2372	2355	2268	2754
Average (lbs/ac)				2052	2145	2155	2144	2683
Red Hawk	Dark Red Kidney	86	55	1799	1782	1682	1781	1996
Gallantry	Dark Red Kidney	87	59	2329	2352	2339	2356	2750
Rampart	Dark Red Kidney	87	54	—	1772	1852	1873	2186
Epic	Dark Red Kidney	89	63	—	1940	1996	1998	2400
Dynasty	Dark Red Kidney	89	65	2344	2328	2368	2452	2898
Average (lbs/ac)				2157	2035	2047	2092	2446
Red Dawn	Light Red Kidney	78	63	—	1538	1599	1599	1974
Big Red	Light Red Kidney	82	62	1971	1878	1905	1858	2348
Pink Panther	Light Red Kidney	85	67	1933	1896	2146	2178	2432
OAC Firebrand	Light Red Kidney	92	57	2421	2394	2395	2306	2789
OAC Inferno	Light Red Kidney	95	65	2422	2433	2391	2327	2907
Average (lbs/ac)				2187	2028	2087	2054	2490
Yeti	White Kidney	91	58	2106	2123	2057	2054	2435
OAC Snowshoe	White Kidney	91	64	—	—	—	—	2577
Average (lbs/ac)				2106	2123	2057	2054	2506
LSD (0.05) ⁴				98	112	135	171	238

1 To convert lbs/acre to t/ha divide by 893.

2 Days to Maturity is 3 year average. Maturity rating is affected by planting date and area where variety is being grown.

Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

3 Seed Weight is 3 year average. To convert 100 Seed weight (g) to seeds per pound divide 45,400 by seed weight. Example: 45,400 / 63 gm = 720 seeds/lb

4 LSD (0.05) - the LSD is a measure of variability within the trial. There is a ninety five percent probability that yields that differ by an amount greater than the LSD are different. Yields that differ by an amount less or equal to the LSD should be considered the same.

2021-2023 Characteristics and Distributors

Variety	Market Class	100 Seed Weight(g) ¹	Disease Reaction ²					Harvestability ⁴	Distributor
			Bean Common						
			Mosaic Virus		Anthracnose ³				
			Race 1	Race 15	Alpha	Delta	Race 73		
Etna	Cranberry	61	R	R	S	S	S	2.6	Hensall Co-op
OAC Navabi	Cranberry	60	R	R	NA	NA	R	2.3	Treasure Valley
Vero	Cranberry	61	NA	NA	NA	NA	NA	3.2	ADM Seedwest
OAC Firestripe	Cranberry	68	R	R	NA	NA	R	2.0	Treasure Valley
OAC Agate	Cranberry	61	R	R	NA	NA	R	2.3	U of G
OAC Volterra	Cranberry	66	R	R	NA	NA	R	2.0	U of G
Red Hawk	Dark Red Kidney	55	R	R	R	S	R	3.1	Treasure Valley
Gallantry	Dark Red Kidney	59	NA	NA	NA	NA	R	2.4	Hensall Co-op
Rampart	Dark Red Kidney	54	R	R	NA	NA	NA	2.8	Trinity Genetics
Epic	Dark Red Kidney	63	R	R	NA	NA	NA	3.0	Trinity Genetics
Dynasty	Dark Red Kidney	65	R	S	R	S	R	2.7	Hensall Co-op
Red Dawn	Light Red Kidney	63	R	R	NA	NA	NA	2.9	Western Harvest Bean
Big Red	Light Red Kidney	62	NA	NA	NA	NA	R	3.0	Western Harvest Bean
Pink Panther	Light Red Kidney	67	R	R	R	S	R	2.8	Treasure Valley
OAC Firebrand	Light Red Kidney	57	NA	NA	NA	NA	R	2.8	AAFC/U of G
OAC Inferno	Light Red Kidney	65	R	S	R	S	R	3.3	Hensall Co-op
Yeti	White Kidney	58	R	R	NA	S	R	2.8	Hensall Co-op
OAC Snowshoe	White Kidney	64	R	R	NA	NA	R	2.7	Treasure Valley

1 Seed weight is 3 year average. Maturity rating is affected by planting date and area where variety is being grown.

Varieties are rated as mature when 95% of the pods are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining.

2 R = Resistant, S = Susceptible, NA = Not Available

3 Anthracnose ratings- the predominant race in Ontario is Race 73. Race 17 (binary system) is equivalent to the Alpha race, race 23 (binary system) is equivalent to the Delta race.

4 A variety's harvestability is based on a scale of 1-5, where 1 = upright plant type, standing erect with good bottom pod height and 5 = more prostrate plant type or plants that are not erect, with poor bottom pod height.

Variety	Market Class	Days to Maturity ²	100 Seed Weight (g) ³	Yield (lbs/ac) ¹					Elora		Exeter
				5 Year	4 Year	3 Year	2 Year	2023	2 Year	2023	2023
Etna	Cranberry	82	61	2054	1989	1972	2240	2656	2193	3155	2935
OAC Navabi	Cranberry	82	60	2543	2441	2215	2299	2452	2089	2982	3045
Vero	Cranberry	84	61	1630	1569	1325	1423	1191	1807	2486	2454
OAC Firestripe	Cranberry	85	68	—	—	—	—	2495	—	3609	3594
OAC Agate	Cranberry	85	61	—	2378	2062	1985	2335	2275	3103	3173
OAC Volterra	Cranberry	86	66	—	2452	2161	2070	2332	2097	3016	3263
Average (lbs/ac)				2076	2166	1947	2003	2244	2092	3058	3077
Red Hawk	Dark Red Kidney	86	55	1756	1740	1378	1498	1354	1844	2497	2393
Gallantry	Dark Red Kidney	87	59	2444	2403	2130	2223	2417	2231	2980	3195
Rampart	Dark Red Kidney	87	54	—	1773	1564	1595	1480	1726	2445	2948
Epic	Dark Red Kidney	89	63	—	2003	1783	1770	1827	2049	2795	2888
Dynasty	Dark Red Kidney	89	65	2276	2222	1950	1959	2195	2490	3350	3528
Average (lbs/ac)				2159	2028	1761	1809	1855	2068	2813	2991
Red Dawn	Light Red Kidney	78	63	—	1397	1175	1166	1238	1712	2409	2547
Big Red	Light Red Kidney	82	62	1912	1706	1561	1659	1795	1682	2462	3122
Pink Panther	Light Red Kidney	85	67	1797	1762	1802	1943	1680	2143	3001	2927
OAC Firebrand	Light Red Kidney	92	57	2430	2452	2296	2025	2053	2172	3163	3528
OAC Inferno	Light Red Kidney	95	65	2323	2239	1919	1637	2050	2291	3024	4084
Average (lbs/ac)				2116	1911	1751	1686	1763	2000	2812	3242
Yeti	White Kidney	91	58	2288	2303	1937	2003	2182	1781	2452	2991
OAC Snowshoe	White Kidney	91	64	—	—	—	—	1955	—	2768	3370
Average (lbs/ac)				2288	2303	1937	2003	2069	1781	2610	3181
LSD (0.05) ⁴				205	224	246	309	457	226	364	458

Testing Locations					
St Thomas	2023	2022	2021	2020	2019
Exeter	2023	—	2021	2020	2019
Elora	2023	2022	—	2020	2019
Woodstock	—	2022	2021	2020	2019

FIELD NOTES

DISTRIBUTOR CONTACTS – Dry Beans

DISTRIBUTOR	PHONE NUMBER	DISTRIBUTOR	PHONE NUMBER
ADM Seedwest.....	800-637-5843 x4707	Plovgh, Inc.....	1-877-567-1678
Canterra Seeds.....	1-877-439-7333	ProVita Inc.....	(208) 463-7624
Columbia Seed Co.....	403-654-2158	R.T. Bolton and Sons.....	(519) 525-6430
Crooked Creek Acres.....	519-247-3530	SeCan Association.....	(613) 592-8600
Elliott Grain Ltd.....	519-461-1545	The Andersons Canada Ltd.....	(519) 676-5411
Ferguson Bros. of St. Thomas Ltd.....	519-631-3463	Treasure Valley Seed Co.....	www.tvseed.com
Hensall Co-op.....	1-800-265-5190	Underwood Grain Ltd.....	519-335-3579
Jefferies Seeds.....	204-827-2102	Western Harvest Bean.....	204-515-7331
Meridian Seeds.....	1-866-282-SEED		

Growers List



FIELD BEANS

S=Select; F=Foundation; R=Registered; C=Certified; ☉ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☉ protected or pending under UPOV 1991; ** listed varieties are eligible for seed class, but undergoing post-harvest seed testing for Additional Certification Requirements, at time of publication.

AAC ARGOSY			
Hensall; Hensall District Co-Operative Inc.....	519-262-3002		C
AAC SHOCK			
Hensall; Hensall District Co-Operative Inc.....	519-262-3002		C
BLIZZARD			
Chatham; The Andersons Canada Limited.....	519-676-5411		C
HIME			
Hensall; Hensall District Co-Operative Inc.....	519-262-3002		C
LIGHTHOUSE			
Dublin; R.T. Bolton & Son.....	519-525-6430	S F	
NAUTICA			
Hensall; Hensall District Co-Operative Inc.....	519-262-3002		C
T9905			
Chatham; The Andersons Canada Limited.....	519-676-5411		C
ZORRO			
Hensall; Hensall District Co-Operative Inc.....	519-262-3002		R

FLAX

CDC ROWLAND☉			
Cobden; Stone Farms.....	613-646-9737		C

INDUSTRIAL HEMP

ANKA			
Cobden; Stone Farms.....	613-646-9737		R C
SILESIA			
Cobden; Stone Farms.....	613-646-9737		C

MILLET

S=Select; F=Foundation; R=Registered; C=Certified; ☉ Indicates Plant Breeders Rights (PBR) protection under UPOV 1978 and ☉ protected or pending under UPOV 1991; ** listed varieties are eligible for seed class, but undergoing post-harvest seed testing for Additional Certification Requirements, at time of publication.

CGPMH90			
Ottawa; Agriculture Environmental Renewal Canada (Aerc) Inc.....	613-596-5927		C

SORGHUM

CFSH-30			
Ottawa; Agriculture Environmental Renewal Canada (Aerc) Inc.....	613-596-5927		C
CGSH-28			
Ottawa; Agriculture Environmental Renewal Canada (Aerc) Inc.....	613-596-5927		C
CGSH-9			
Ottawa; Agriculture Environmental Renewal Canada (Aerc) Inc.....	613-596-5927		C
CHMSH-35			
Ottawa; Agriculture Environmental Renewal Canada (Aerc) Inc.....	613-596-5927		C
CSSH-45			
Ottawa; Agriculture Environmental Renewal Canada (Aerc) Inc.....	613-596-5927		C

TOBACCO

CT572			
Otterville; Davis Seed Company.....	529-879-6432		C

Forage Crops

Independent variety performance trial data is no longer collected or evaluated. We encourage forage producers to work with a reputable seed supplier, plant Certified seed and to follow recommended seeding rates.

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F
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FORAGE MIXTURES FOR STORED FEED AND PASTURE

Mixture: Seeding Rate¹

LEGEND: S = suggested

— not suggested

Best Suited for

Stored
Feed

Managed
Pasture

Intensively
Pastured

Specific Guidelines

Mixture	Stored Feed	Managed Pasture	Intensively Pastured	Specific Guidelines
Alfalfa (14 kg/ha)	S	—	—	Only on well-drained fields. Easier to cure as silage than as hay. Harvest at proper stage for high nutrient-quality feed.
Alfalfa (13 kg/ha) + timothy (1 kg/ha)	S	—	—	Increase timothy up to 4 kg/ha for higher grass content and easier curing. Timothy gives stand insurance in areas prone to alfalfa winterkill. For higher nutrient-quality feed, harvest timothy at boot stage.
Alfalfa (11 kg/ha) + brome grass (9 kg/ha)	S	—	—	Retains quality with increasing maturity better than orchardgrass or timothy mixtures. Brome grass can thicken stand over time because of its rhizomes but does not have good persistence under aggressive cutting schedules.
Alfalfa (11 kg/ha) + orchardgrass (2 kg/ha)	S	—	S	Better midsummer production than timothy mixture. Select late orchardgrass and early alfalfa varieties. Graze or cut early to maintain quality and palatability. Percentage grass will be higher in all cuts than with timothy or brome grass mixtures.
Alfalfa (11 kg/ha) + timothy (4 kg/ha) + brome grass (9 kg/ha) + white clover (2 kg/ha)	S	—	S	Suitable for hay/pasture combinations.
Birdsfoot trefoil (9 kg/ha) + timothy (2 kg/ha)	S	S	—	Use later-maturing timothy varieties.
Birdsfoot trefoil (9 kg/ha) + brome grass (4 kg/ha)	S	S	—	For long-term stands and early production. Graze early to reduce competition from brome grass. Good brome growth in fall.
Birdsfoot trefoil (8 kg/ha) + orchardgrass (4 kg/ha)	—	—	S	Good early and mid-season production. Graze down orchardgrass to reduce competition with birdsfoot trefoil. Later-maturing orchardgrass varieties are preferred.
Birdsfoot trefoil (9 kg/ha) + tall fescue ² (10 kg/ha)	S	S	S	Good early and mid-season production. Graze down orchardgrass to reduce competition with birdsfoot trefoil. Later-maturing orchardgrass varieties are preferred.
Birdsfoot trefoil (9 kg/ha) + creeping red fescue (6 kg/ha)	—	S	—	Good summer and fall production. Excellent quality in fall.
Red clover (11 kg/ha)	S	—	—	Short-term haylage production or plowdown crops
Red clover (7 kg/ha) + timothy (6 kg/ha)	S	—	—	Short-term haylage production. When clover disappears, plow or fertilize with nitrogen to maintain production.
White clover (2 kg/ha) + orchardgrass (9 kg/ha)	—	—	S	For pasture use where white clover is adapted. High fertility, adequate moisture and good grazing management required for top production. In dry areas, add alfalfa.

100 kg/ha = 90/acre

1 Under excellent conditions. For early seeding on a fine, firm seedbed, these rates may be reduced except where coated seed is used.

2 Use endophyte-free seed.

Source: OMAFRA Publication 811

GUIDELINES FOR SEEDING RATES FOR LEGUME AND PURE GRASS STANDS

LEGEND: N/A = not available

Species	Seeding Rate	Number of Seeds
Legume Species		
Alfalfa	13 kg/ha (12 lb/acre)	440,000 seeds/kg (200,000 seeds/lb)
Red clover	11 kg/ha (10 lb/acre)	605,000 seeds/kg (274,000 seeds/lb)
White clover	N/A	1,760,000 seeds/kg (798,000 seeds/lb)
Birdsfoot trefoil	9 kg/ha (8 lb/acre)	935,000 seeds/kg (424,000 seeds/lb)
Sweet clover	8-10 kg/ha (7-9 lb/acre)	572,000 seeds/kg (259,000 seeds/lb)
Alsike	N/A	1,540,000 seeds/kg (699,000 seeds/lb)
Pure Grass Species¹		
Timothy	8-10 kg/ha (7-9 lb/acre)	2,706,000 seeds/kg (1,227,000 seeds/lb)
Orchardgrass	8-10 kg/ha (7-9 lb/acre)	1,439,000 seeds/kg (653,000 seeds/lb)
Brome grass	10-14 kg/ha (9-12.5 lb/acre)	300,000 seeds/kg (136,000 seeds/lb)
Meadow & tall fescue	9-11 kg/ha (8-10 lb/acre)	506,000 seeds/kg (230,000 seeds/lb)
Meadow fescue ²	10-12 kg/ha (9-11 lb/acre)	506,000 seeds/kg (230,000 seeds/lb)
Perennial ryegrass	10-15 kg/ha (9-13.5 lb/acre)	500,000 seeds/kg (227,000 seeds/lb)
Reed canarygrass	10-12 kg/ha (9-13.5 lb/acre)	1,173,000 seeds/kg (532,000 seeds/lb)
Bluegrass	N/A	4,790,000 seeds/kg (2,173,000 seeds/lb)

1 For early seeding on a fine, firm seedbed, these rates may be reduced by 25%, except where coated seed is being used

2 Use coated seed. Seed through the grain seed box.

Source: OMAFRA Publication 811



OVER THE PAST 8 YEARS WE HAVE HARVESTED

84,669
FORAGE PLOTS ACROSS CANADA!

TRIAL DESIGN

- DLF is home to the only proprietary, replicated forage trials across Canada
- Each plot in a trial is 3 feet wide by 17 feet long
- Each trial has 4 randomized replications of all varieties
- Each trial runs for three production years



Trial showing comparisons of orchardgrass winterhardiness - Port Hope ON

TESTING

DLF's Canadian Product Development provides the ability to select varieties that have improved disease resistance, superior yield, improved winterhardiness, faster regrowth and high forage quality based on true head to head comparisons!



Trial showing comparisons of alfalfa regrowth - Lindsay ON

DLF YIELD COMPARISONS

	Harvest Years	# Of Cuts	# of Station Years	Yield (Kg/Ha)	Yield (T/Acre)	% of Competitor Checks
TORRENT ALFALFA	2021 - 2022	39	16	12,633	5.11	108
Competitor Checks	2021 - 2022	39	16	11,751	4.76	100
<i>TORRENT DATA: Locations: Lindsay, ON, Port Hope, ON, Josephburg, AB, Portage la Prairie, MB, Nampa, ID, Touchet, WA, Boone, IA, Mount Joy, PA</i>						
ECLIPSE ALFALFA	2016 - 2022	142	37	12,534	5.07	108
Competitor Checks	2016 - 2022	142	37	11,557	4.68	100
<i>ECLIPSE DATA: Locations: Lindsay, ON, Port Hope, ON, Josephburg AB, Portage la Prairie, MB, Nampa, ID, Touchet, WA, Cannon Fall, MN, Boone, IA, Mt Joy, PA</i>						



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Additional Resources

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Additional Resources

Agricorp

Jason Verkaik, Chair www.agricorp.com
Doug LaRose, CEO 1-888-247-4999

Agricultural Adaptation Council

Peggy Brekveld, Chair www.adaptcouncil.org
Melanie DiReto, Executive Director 519-822-7554

Christian Farmers Federation of Ontario

Ed Scharringa, President www.christianfarmers.org
Tom Tavani, General Manager 1-855-800-0306

Farm and Food Care Ontario

Crispin Colvin, Chair www.farmfoodcareon.org
Kelly Daynard, Executive Director 519-837-1326

Grain Farmers of Ontario

Brendan Byrne, Chair www.gfo.ca
Crosby Devitt, CEO 1-800-265-0550

National Farmers Union / Ontario

Max Hansgen, President www.nfuontario.ca
Krista Long, Executive Director 1-888-832-9638

Ontario Agri Business Association

John Taylor, President www.oaba.on.ca
Russel Hurst, Executive Director 519-822-3004

Ontario Bean Growers

Dave Woods, Chair www.ontariobeans.on.ca
Ryan Koeslag, Executive Director 519-510-8556

Ontario Canola Growers Association

Will Runnalls, President www.ontariocanologrowers.ca
Ryan Koeslag, Executive Director 519-510-2257

Ontario Federation of Agriculture

Drew Spoelstra, President www.ofa.on.ca
Cathy Lennon, General Manager 1-800-668-3276

Ontario Forage Council

Birgit Martin, President www.onforagenetwork.ca/ontario-forage-council
Patricia Ellingwood, General Manager 1-877-892-8663

Ontario Seed Growers' Association

Andrew Dawson, President www.seedontario.ca
Colleen Acres, Manager 613-826-2330

Canadian Seed Growers' Association

Dale Connell, President www.seedgrowers.ca
Doug Miller, Executive Director 613-236-0497

Seeds Canada

Ellen Sparry, President www.seeds-canada.ca
Barry Senft, Executive Director 613-236-6451

Ontario Soil and Crop Improvement Association

Steve Sickle, President www.ontariosoilcrop.org
Ashley Honsberger, Executive Director 1-800-265-9751

Ontario Ministry of Agriculture and Rural Affairs

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Accredited Private Seed Labs

Lab Name and Address	Contact	Purity & Germination
Ontario		
Canadian Seed Laboratories Box 217, 208 David St. Lindsay ON K9V 5Z4	Barbara Gracie, Bonnie Benoit Phone: 705 328-1648 Fax: 705 324-2550 Email: testing@cdnseedlab.ca	Purity and Germination of all crop kinds.
Kent Agri Laboratory 8672 John Line, R.R.#2 Tupperville ON N0P 2M0	Betty deNys Phone: 519 627-3737 Fax: 519 627-7726 Email: kentagri@kent.net	Purity and Germination of all crop kinds.
Lang Germination Lab 6 Clarinda St, Box 419 Teeswater ON N0G 2S0	Shelley Lang Phone: 519 392-8203 Fax: 519 392-8203 Email: shelleyandbrucelang@gmail.com	Germination of crop kinds in grade tables 1 to 3, 5 and 6, and 18.
Perth Seed Laboratory R.R. 5 Mitchell ON N0K 1N0	Bernadine Wolfe Phone: 519 348-9057 Fax: 519 348-8165 Email: wbwolfe@outlook.com	Germination of crop kinds in grade tables 1 to 6 and 18.
Pioneer Hi-Bred Prodon Company 7398 Queen's Line Chatham ON N7M 5L1	Monica Garcia Phone: 519 352-6350 x76755 Fax: 519 380-2011 Email: monica.garcia@corteva.com	Purity and Germination in crop kinds in grade tables 1 and 7-10, Sorghum and Sorghum Sudan grass hybrids in table 4, Soybean and Sunflower in table 5, Hybrid Corn and Sunflower in Table 6 and Pop and Sweet corn in table 18.



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