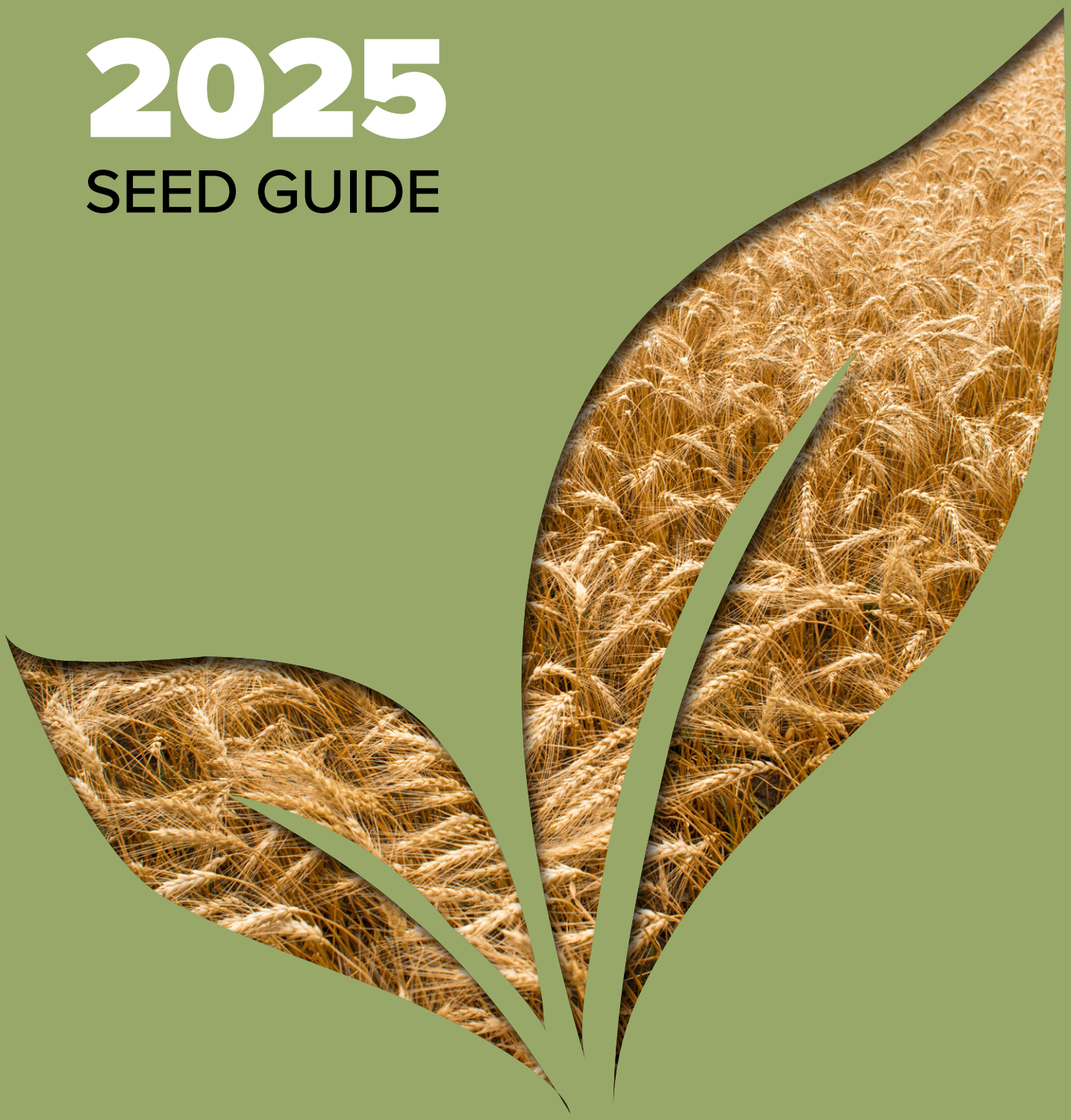
2025
SEED GUIDE



DSAG

www.dsag.ca

Welcome

As we reflect on another year, it's clear that 2024 has had its share of challenges and successes. The weather, once again, tested our patience this spring! With record amounts of moisture we received this spring, it helped recharge the ground allowing to build a strong crop.

This year marks our third spring managing both bulk and bagged seed. We continue to refine our systems and processes, and we're grateful for your patience as we work through these improvements. A key milestone for DSAG in 2024 was enhancing our seed service. We're excited to announce that Thomas Vermeersch has joined us as Sales Agronomist this spring. He will be working alongside Annabelle Calcott to further elevate our service and support your needs.

We're also pleased to report that our cooperator and in-house trials are showing promising results. We look forward to sharing this valuable information with you this fall, which we believe will further support your decision-making and success in the coming season.

We deeply appreciate the increasing support from our growers over the past few years. Our commitment remains focused to building our business on a foundation of exceptional service and trust. Thank you for your continued confidence in us. We eagerly anticipate another successful growing season together!

Best regards,
Justin Daymond
General Manager, DSAG

DSAG TEAM

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PITURA SEEDS SALES AND AGRONOMY TEAM

L-R: Katie Meggison, Laird Lampertz, Mike Gemmill, Jacques Remillard, Thomas Cuddy

Services

SEED PROCESSING

We recently built a state-of-the-art cleaning facility. This facility has all the newest technology to maintain the highest quality, including a colour sorter. This year, our seed plant achieved HACCP certification, enabling us to better serve our food-grade partners with the highest standards of safety and quality.

- We have two modern, automated seed plants for cleaning and processing of seed lots
- Our plants have been designed to handle delicate products (eg. soybeans and peas) while maintaining top quality
- Toting and bagging abilities
- Seed treating in our state-of-the-art, high capacity treating facility with multiple treaters

AGRONOMY

Our certified agronomists can provide:

- 4R Nitrogen Management & Application
- Crop scouting
- Crop diagnostics
- Soil testing
- Product recommendations

COMMERCIAL PRODUCTION CONTRACTS

We act as contract agents for Northstar Genetics, Syngenta, Maizex & Sevita for:

- Yellow peas
- Traited soybeans
- Conventional soybeans

CUSTOM APPLICATION

We provide custom:

- Planting with a JD DB60 Planter (20" Row)
- Seeding with a JD 1890, low disturbance disk drill (7.5" spacing)

LOGISTICS

- We can coordinate CDN/US/EU freight and brokerage
- We also have our own trucks to help pick-up and deliver to our customers

STORAGE AND WAREHOUSING

We Provide:

- Custom storage solutions to our customers for both bulk and pallet products

EQUIPMENT RENTALS

We rent out:

- Land rollers
- Conveyors
- Tree scoop
- Pulldozer

ONLINE RESOURCES

- Visit www.dsag.ca for up to date field results, YouTube videos and agronomy articles
- Follow us on X (Twitter)

Enogen Corn: A Game-Changer for Cattle Operations

This corn variety offers unprecedented benefits for beef and dairy producers with enhanced feed efficiency, superior silage quality, and versatile harvesting options.

DSAG compared Enogen against varieties from PRIDE, Maizex, and Northstar Genetics

Enogen corn, a traited variety from Syngenta, is poised to become a go-to variety for Canadian beef and dairy producers. Geared with a unique enzyme that enhances the conversion of starch into simple sugars, this provides cattle with a quicker and more efficient energy source.

DSAG is one of only a few distributors of Enogen in Manitoba. According to Annabelle Calcott, DSAG's Seed & Agronomic Lead who has been running trials on Enogen, it is showing promising results.

"We saw Enogen in action and it performed impressively against other trusted varieties," she says.

Why Enogen Stands Out:

- Enhanced Feed Efficiency: Enogen's unique alpha-amylase enzyme accelerates starch conversion into energy, leading to a 5% improvement in feed efficiency. "The higher the starch digestibility, the more energy available for beef and milk production," explains Justin Daymond, DSAG's General Manager.
- Superior Silage Quality: Enogen's higher acetate levels act as a preservative, maintaining nutrient value for up to eight months. This far outperforms the 157 days required for other varieties to match its starch digestibility.
- Versatile Harvesting: Enogen can be harvested as silage, grain, or high-moisture corn, providing flexibility for different cattle operations. "For feedlot operations, Enogen can reduce the time calves need to be fed," says Daymond.
- Boosted Dairy Production: Enogen increases milk protein, lactose, and overall yield, making it highly efficient for dairy producers.

Enogen is designed to meet the specific needs of cattle operations, offering substantial benefits over traditional varieties. DSAG's trials, which compared Enogen against varieties from PRIDE, Maizex, and Northstar Genetics, confirmed its superior performance.

"Enogen's focus on cattle productivity sets it apart from grain-focused competitors," Calcott notes.

Enogen corn in the field

In addition to the promising results from DSAG's own trials, Enogen corn's advantages are reinforced by research from Kansas State University and the University of Nebraska-Lincoln. These studies highlight key benefits for both beef and dairy operations, including enhanced digestion, superior feed efficiency, increased energy, and improved milk production.

DSAG's Local Expertise and Commitment

DSAG has been dedicated to thorough testing since their inception and they are now in their third season of selling grain from the yard. Daymond says they take pride in ensuring that the products they offer are not just promising on paper but will thrive in Manitoba's unique conditions.

"Our customers appreciate seeing how varieties perform in our local soil before making a commitment," he says. "It's important to validate these numbers in our own environment."

As a farmer with over 300 cattle, Daymond understands the practical needs of cattle operations. Calcott, with a university degree in animal nutrition and upbringing on a family farm, also brings a personal understanding of cattle needs to her role.

"We're not just selling a product; we're offering something we truly believe in and know will benefit our customers," says Calcott.

This dedication along with their extensive tests and trials, make Calcott and Daymond confident in recommending Enogen to feedlots, dairy producers, and calf/cow operations.

"If you're looking for improved feed efficiency, lower feed costs, less spoilage, and better overall yield for your herd, whether for milk or beef, Enogen would be a great fit for your farm," says Daymond.

Enogen is designed to meet the specific needs of cattle operations

Corn

A4494G2 RIB

PRIDE SEEDS

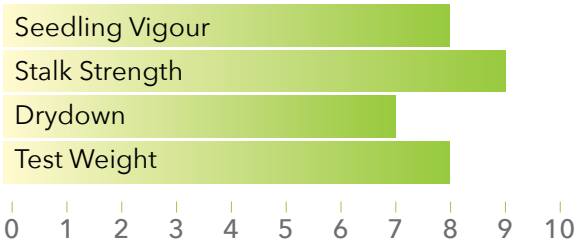
VTDoublePRO RIB COMPLETE

- Impressive season-long plant integrity allows for flexibility on harvest schedule
- Strong spring emergence and vigour
- Stands strong and yields big

"A4494 is a strong healthy plant with excellent stalk strength, helping it stand better than competitors."
- Justin Daymond

Plant Characteristics

Relative Maturity 76 **Heat Units** 2250 CHU
Plant Height Medium



Corn Varieties - Agronomic & Disease Data

VARIETY	RM	CHU	TYPE	PLANT HEIGHT	EMERGENCE	SEEDLING VIGOUR	EAR TYPE
PRIDE SEEDS							
A3979 G2 RIB	70	2025	Grain	Medium	8	8	Semi-Flex
A4494G2 RIB	76	2250	Grain	Medium	8	8	Semi-Flex
A4646 G2 RIB	79	2300	Grain/Silage	Medium-Tall	8	8	Semi-Flex
A4848G2 RIB	80	2375	Grain	Medium	8	8	Semi-Flex
A4939 G2 RIB	81	2400	Grain/Silage	Medium-Tall	8	8	Semi-Flex
AS1028G2 EDF RIB	77-80	2250-2425	Silage	Very Tall	9	9	Flex
AS1027RR EDF	77-80	2250-2425	Silage	Very Tall	9	9	Flex
AS1047RR EDF	78-82	2300-2475	Silage	Very Tall	8	9	Flex
MAIZEX SEEDS							
MZ 1397DBR	73	2150	Grain	Medium	8	8	-
MZ 1544 DBR	75	2250	Grain	Short-Medium	8	8	Semi-Flex
E49K32R	79	2300	Grain	Medium	-	8	-
MZ 1688DBR	76	2300	Grain/Silage	Tall	8	9	Semi-Flex
MS 8022R	75	2250	Silage	Very Tall	9	9	Semi-Flex
MS 8270R	82	2450	Silage	Very Tall	-	9	-
MS 8632R	86	2550	Silage	Tall	9	9	Semi-Flex
LFG 8755R	91	2750	Silage	Very Tall	8	8	Flex
NORTHSTAR GENETICS							
NS 271	71	2050	Grain	Medium-Tall	9	9	Semi-Flex
NS 277	77	2225	Grain	Short-Medium	9	9	Determinate
255	79	2300	Grain	Medium-Short	9	9	Determinate
NS 283	83	2425	Grain	Medium	9	9	Flex
913S	75	2100-2200	Silage	Tall	9	9	Flex
924S	83	2225-2325	Silage	Tall	9	9	Flex
932S	89	2350-2450	Silage	Medium-Tall	9	9	Flex
951 *NEW*	91	2375-2475	Silage	Very Tall	8	8	Flex
961S	95	2450-2550	Silage	Tall	8	8	Flex
SYNGENTA							
E080Q1-D	80	2400	Grain/silage	Medium	7	7	Semi Flex
E085Z5-D	85	2625	Grain/silage	Tall	7	7	Semi Determinate
E087C2-D	87	2675	Grain/silage	Tall	6	7	Semi Flex

Rating Scale - 1-2 Poor, 3-4 Fair, 5-6 Good, 7-8 Very Good, 9-10 Excellent

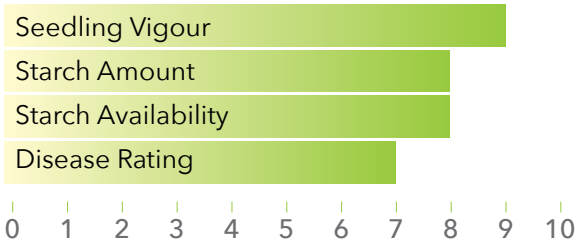
MS 8270R

- Tall robust silage corn variety
- Strong agronomics with a good disease package
- Extended staygreen preserves silage quality

MS 8270R consistently has high tonnage and feed quality that any beef or dairy herd needs to build pounds.
- Annabelle Calcott

Plant Characteristics

Relative Maturity 82 **Heat Units** 2450 CHU
Plant Height Very Tall



	STALK STRENGTH	ROOT RATING	STAYGREEN	TEST WEIGHT	DRYDOWN	STARCH DIGEST	GOSS' WILT	NORTHERN LEAF BLIGHT
	7	9	6	8	9	-	6	7
	9	9	9	8	7	-	8	7
	9	9	8	8	9	9	8	7
	9	9	8	8	9	-	8	7
	8	9	8	8	8	9	8	7
	6	8	9	-	-	7	6	5
	6	8	9	-	-	6	4	5
	9	8	9	-	-	6	8	5
	8	-	9	9	9	-	5	8
	9	-	9	8	8	-	7	8
	9	-	8	8	8	-	8	8
	9	-	9	8	8	8	8	8
	-	-	-	-	-	8	8	8
	-	-	8	-	-	8	-	-
	-	-	-	-	-	8	7	7
	-	-	9	-	-	9	5	5
	8	8	8	8	8	7	7	8
	9	9	7	9	9	-	7	8
	9	9	8	9	9	7	8	8
	9	8	6	8	8	10	8	8
	9	9	8	-	-	9	8	6
	9	8	9	-	-	10	-	6
	9	8	8	-	-	10	8	6
	9	8	9	-	-	10	8	6
	9	8	8	-	-	10	8	6
	7	7	9	8	6	8	6	5
	6	7	6	6	8	8	6	6
	7	7	7	6	7	8	-	-

Soybeans

NSC Holland RR2X

- Top yield potential in its maturity class
- Aggressive bean that works in all environments, soil types, and row widths
- Excellent white mould tolerance
- Very strong emergence and standability

"I'm very impressed with the pod set on this variety, and how competitive it was closing in 15 inch rows so quickly"
- Tom Vermeersch

Plant Characteristics

Maturity 00.4 **Heat Units** 2400 CHU
Plant Height Medium-Tall

Soybean Varieties - Agronomic & Disease Data

VARIETY	RM	CHU	IDC	PHYTOPHTHORA	SCN	PLANT TYPE	PLANT HEIGHT	ROW SPACING	
NCS Arden RR2X	00.2	2350	Tolerant	Rps1c	No	Semi-Bush	Medium-Tall	<20"	
Reynolds	00.3	2350	Semi-Tolerant	Rps1C	No	Semi-Bush	Medium-Short	7.5-22"	
NSC Holland	00.4	2400	Semi-Tolerant	Rps1C	No	Semi-Bush	Tall	<12-24"	
Rosser	00.4	2375	Semi-tolerant	-	No	Slender	Medium	7.5-22"	
NSC Homewood *NEW*	00.6	2450	Tolerant	Rps1c	No	Semi-bush	Tall	12-24"	
Dufferin	00.7	2450	Semi-tolerant	Rps1a	No	Semi-bush	Medium-Short	7.5-22"	
NSC Winkler RR2X	00.8	2500	Semi-Tolerant	Rps1c	Yes	Bush	Tall	15-30"	
Stanley	0.0	2525	Semi-tolerant	Rps1c	No	Bush	Medium	7.5-22"	

NSC Homewood NEW

- Excellent emergence and standability
- Fantastic yield potential for its maturity
- Very strong IDC rating

NorthStar Genetics

ROUNDUP READY 2 XTEND SOYBEANS

"We seeded NSC Homewood RR2X soybeans using both a planter and an air seeder in the same field. The plant structure demonstrated remarkable adaptability to varying growing conditions and row spacings. This variety also boasts one of the best IDC ratings within its heat unit range. With the Xtend trait, I anticipate NSC Homewood RR2X will continue to gain popularity in the seasons ahead."
– Laird Lampertz

Plant Characteristics

Maturity 00.6 **Heat Units** 2450 CHU
Plant Height Tall

	PUBESCENCE	HILUM COLOUR	EMERGENCE	STANDABILITY	STRESS TOLERANCE	ADAPTABILITY	WHITE MOULD	PRR FIELD TOLERANCE
	Tawny	Black	9	9	9	9	8	-
	Tawny	Imperfect Yellow	-	7	-	-	7	7
	Light Tawny	Brown	9	8	9	10	8	7
	Tawny	Imperfect Yellow	-	8	-	-	7	7
	Light Tawny	Black	9	9	9	9	8	8
	Tawny	Imperfect Yellow	-	7	-	-	7	7
	Light Tawny	Black	9	9	8	8	7	8
	Tawny	Imperfect Yellow	-	8	-	-	7	7

Sevita IP Contracting Adds Value To Manitoba Farms

With the export market for food grade soybeans heating up, Sevita International is looking to meet global demand and stabilize its supply by diversifying soybean production beyond its traditional stronghold in Ontario and Quebec.

Sevita's commitment to adding tens of thousands of production acres in Manitoba in the coming years translates into increased opportunities for the province's farmers to take advantage of Sevita's IP contract production, which offers attractive premiums over what a grower would get for conventional beans and guarantees export markets for their crops.

"It's a chance to add value to the farm," says Pitura Seeds sales representative, Jacques Remillard. "The challenge for growers is always how do they make more money with their acres? That's what Sevita IP contracts allow them to do. If they're comparing two soybean products and one is going to pay 25 to 35 per cent more per bushel, that goes a long way when you look at total farm profitability."

Based in Ontario, Sevita International is a family-owned soybean company that's been developing commercial food grade soybean varieties adapted to Canada's growing conditions for more than 25 years. Those beans are destined for the global soy food and beverage manufacturing market. Pitura Seeds has partnered with Sevita because they see huge potential for growers to benefit from having another market option and adding value to their acres. And while Pitura retails, processes and ships food grade soybeans on Sevita's behalf, a key part of its business philosophy has always involved growing production seed on their farm.

"We pride ourselves in selling what we grow," Remillard says. "An important part of what we've been doing this past year is getting firsthand experience with the product before we sell it to growers."

Pitura has also gained experience with Sevita IP contract production over the past year on multiple farms spanning thousands of acres. That's helped them gather the knowledge they need to meet their goal of becoming experts in how to successfully grow IP soybean crops in Manitoba, knowledge they can use to support growers both with the seed and with in-season management practices.

"We've learned a lot from supporting growers this year," Remillard says. "We've got Sevita soybeans growing side-by-side with other food grade varieties and traited products and we're accumulating a lot of information that we can use to support growers and point them in the right direction when it comes to choosing a variety that's a good fit for their farm."

There's no doubt growers have a lot of questions about everything from how well Sevita's IP soybeans compete with a traited product like a Roundup Ready or an Xtend variety or how herbicide application differs from those products to how long growers will have to store the beans before they're shipped. By far the most common question has to do with yield drag with a IP soybean versus other varieties and, thanks to Pitura Seeds' hands-on experience with the beans, Remillard can confirm they're not seeing any.

CDC Anson

- White milling oat with very high yield potential
- Best standability available, short plant height
- Excellent milling characteristics with high beta-glucan and early end-use demand

"This has been the first year the farm has grown CDC Anson oats and it did not let us down. It stood well, was earlier maturing than other varieties we've grown, and most importantly, yielded the highest in our oat variety trials."
-Justin Daymond"

Oats and Barley Varieties - Agronomic & Disease Data

VARIETY	KIND	YIELD	MATURITY	HEIGHT	LODGING	FHB	STEM RUST	LOOSE SMUT	NET BLOTCH
BARLEY									
AAC Connect	Two-Row Malting	109 bu/ac	Medium	Short	Good	MR	MR	S	MR
CDC Austenson	Two-Row Feed	116 bu/ac	Medium	Medium	Good	I	I	S	MR
OATS									
CDC Anson	Milling White	164 bu/ac	Medium (96 days)	Short	Excellent	-	S	-	-
AAC Douglas	Milling	159 bu/ac	Early (94 days)	Medium	Good	I	MR	I	R
AC Summit	Milling	147 bu/ac	Medium (96 days)	Short	Good	I	I	I	R
CS Camden	Milling	159 bu/ac	Medium (98 days)	Short	Very Good	S	MS	-	I

2024 MCVET data

Wheat

SY Manness

An outstanding performer, SY Manness is a NEW, short, semi-dwarf CWRS with outstanding yield potential. An incredibly strong-standing variety, it matures up to two days earlier than Carberry. SY Manness is resistant to leaf rust and stem rust and SY Manness offers improved protein – similar to Carberry.

- Very high yield potential
- Short semi-dwarf – equal to AAC Viewfield
- Early maturity, 2 days earlier than Carberry
- Improved protein – similar to Carberry

"SY Manness now holds the highest yield by field on our farm"
– Laird Lampertz

Wheat Varieties – Agronomic & Disease Data

VARIETY	CLASS	YIELD	MATURITY	PROTEIN	HEIGHT	
AAC Westking (available in 2026)	CWRS	78 bu/ac	Medium (101 days)	14.00%	Short	
SY Manness	CWRS	79 bu/ac	Medium (100 days)	14.00%	Short	
AAC Hodge VB	CWRS	78 bu/ac	Medium (101 days)	14.10%	Medium-Tall	
AAC Hockley	CWRS	73 bu/ac	Medium (101 days)	14.40%	Semi-Dwarf	
AAC Brandon	CWRS	74 bu/ac	Medium (101 days)	14.30%	Medium	
AAC Starbuck VB	CWRS	77 bu/ac	Medium (100 days)	14.60%	Short	
Faller	CNHR	87 bu/ac	Medium (100 days)	12.90%	Short	
SY Rowyn	CPSR	78 bu/ac	Medium (100 days)	13.50%	Semi-Dwarf	

2024 MCVET data

AAC Hockley

AAC Hockley is the next generation in genetic potential offering consistent high yields and improved grain protein. A semi-dwarf variety offering industry-leading standability, it can stand up to an intensive fertilizer management plan. Dr. Richard Cuthbert calls AAC Hockley his AAC Brandon replacement.

- Consistently high yields
- Industry-leading standability
- Short semi-dwarf
- Good protein
- 'MR' or better for all P1 diseases
- Strong FHB resistance, low DON accumulation

"This year we top dressed our Hockley field with an additional 30lbs of nitrogen, and it still exhibited the best standability compared to other wheat varieties grown on our farm."
– Connor Pitura

	LODGING	FHB	COMMON BUNT	STEM RUST	LEAF RUST	STRIPE RUST	LOOSE SMUT
	Very Good	MR	R	MR	R	I	-
	Very Good	I	I	MR	R	I	-
	Very Good	MR	R	R	R	R	R
	Very Good	MR	R	MR	R	R	R
	Very Good	MR	S	R	R	MR	R
	Good	MR	S	I	MR	MR	MR
	Good	I	I	I	MR	MS	MR
	Very Good	MR	S	R	R	MR	I

The Year of the Cereals: Lessons Learned in 2024

With a near-perfect growing season in 2024, Pitura Seeds achieved record-breaking cereal yields, providing insight for growers looking to optimize performance in all weather conditions.

Mother Nature was kind to cereal farmers in 2024, with cool temperatures and ample moisture during the important growing periods. Thanks to these favorable conditions, Pitura Seeds achieved a surprising second-highest farm average yield in 102 years.

As the 2025 season approaches, lessons learned from this remarkable year provide valuable insights for growers aiming to maximize their yields.

Ideal Growing Conditions Drive High Yields

According to Laird Lampertz, Pitura Seeds' sales manager, the success of the 2024 cereal season can be largely attributed to favourable weather in May and June. The cooler temperatures and increased moisture created early yield development for C3 plants.

"Our C3 plants love cool weather, thriving in temperatures below 27 degrees Celsius," he explains. "And they can handle excess moisture. This allowed high yield potential to develop early."

These favourable conditions facilitated early tillering, increasing the number of heads per acre, while moisture reserves were built up in the subsoil. When the hot, dry conditions of July arrived, the plants were able to extract water from deep in the soil profile – as deep as 70 cm – allowing them to reach their maximum yield potential.

"Mother Nature was really on our side," Lampertz says.

Performance of Varieties

Thanks to this optimal environment, a range of Pitura's wheat varieties demonstrated their promise. Varieties like Faller that are known to thrive in wet conditions, outyielding some of the traditional hard red spring varieties. Meanwhile, SY Mannes – a new HRSW – yielded 10 bushels per acre more than any other variety and set a new average field record for the farm.

"SY Manness really stood out this year," says Lampertz.

Other HRSW varieties also showed strong results. AAC Hockley outperformed Pitura's long-standing favourites, yielding three to four bushels per acre more than AAC Starbuck VB and AAC Brandon. This advantage was largely due to its resistance to lodging pressure.

In addition to wheat, CDC Anson, a brand-new oat variety, achieved the highest oat yield ever on the farm. Its strong resistance to leaf rust played a key role in this success.

"The disease resistance package in Anson oats really made a difference, allowing for this record-breaking yield," Lampertz explains.

The genetics of Pitura Seeds' cereals played a critical role in achieving these results, as each variety in their lineup is developed with specific strengths.

"The performance we saw this year is a direct result of matching the right genetics with the right conditions," says Lampertz. "That's what we specialize in."

Planning for Next Season

As the 2025 growing season approaches, Pitura remains dedicated to helping growers make informed decisions. While the 2024 season offered an excellent opportunity to observe the full potential of their varieties in near-perfect conditions, lessons from dry and hot weather of 2021 and 2023 also provided valuable insights.

"By understanding how different varieties perform in all weather circumstances, growers can better manage their risks and spread out their options," says Lampertz.

Pitura's comprehensive understanding of these varieties, developed through years of experience in diverse and unpredictable weather conditions in Manitoba, allows them to offer targeted advice and match the right genetics to the anticipated weather patterns.

"We've seen how varieties can deliver top yields in both wet and dry seasons. This kind of insight helps us support growers year after year."

SU Cossani Hybrid Rye

FPGenetics

Top performing variety with high yields – 120% of Hazlet – strong market opportunities for milling, distilling, ethanol and feed. SU Cossani matches Hazlet's winter survival and features rapid establishment, early maturity, and exceptional standability.

- Good under stress and dry conditions
- Short to medium height
- Very good lodging resistance

AAC Coldfront Winter Wheat

SeCan Canada's Seed Partner

A very high-yielding winter wheat variety, AAC Coldfront has short, strong straw, medium-late maturity and excellent disease resistance. AAC Coldfront is well-suited to all winter wheat growing regions of Western Canada.

- Excellent Yields
- Medium height, very good resistance to lodging
- Resistant to leaf rust, stem rust and stripe rust
- I to FHB

Rye Varieties – Agronomic & Disease Data

VARIETY	YIELD (BU/AC)	PROTEIN	TEST WEIGHT (KG/HL)	TKW (g)	HEIGHT (CM)	LODGING	RELATIVE WINTER HARDINESS	ERGOT (%)	FALLING NUMBER
Su Cossani	104	-	73.6	35	111	Excellent	Very Good	-	-
KWS Trebiano	116	11.4	74	33.8	101	Very Good	Very Good	MS	265
KWS Bono	110	11.2	74.2	30.9	96	Very Good	Very Good	MS	284
AC Hazlet	96	12.2	75.1	35.2	107	Good	Very Good	MS	
KWS Receptor	116	10.5	74	-	84	Excellent	Very Good	MS	313

Lodging: scale of 1-9; 1 is best. Source: Fall Rye Co-operative Registration Trial 2015-16 Report, Request for Support for Registration of RT 227 (KWS Gatano)

Winter Wheat Varieties – Agronomic & Disease Data

VARIETY	CLASS	YIELD	MATURITY	RELATIVE WINTER HARDINESS	HEIGHT	LODGING	FHB	LEAF RUST	STEM RUST	STRIPE RUST	COMMON BUNT
AAC Coldfront	CWRWW	92 bu/ac	Medium	Very Good	Medium	Very Good	I	R	R	R	S
AAC Vortex	CWRWW	89 bu/ac	Medium	Very Good	Medium	Very Good	MR	R	R	R	S
AAC Wildfire	CWRWW	89 bu/ac	Long	Very Good	Medium	Very Good	MR	I	S	R	MR

Lodging: scale of 1-9; 1 is best. Source: Fall Rye Co-operative Registration Trial 2015-16 Report, Request for Support for Registration of RT 227 (KWS Gatano)
2024 MCVET data

BY 7204LL

BrettYoung

BY 7204LL is a high-yielding Liberty Link® hybrid that offers mid-maturity and excellent disease and agronomic features.

- Strong early season vigour
- Excellent standability
- DefendR® technology for pod shatter resistance and next-generation clubroot protection
- Resistant to blackleg

Canola Agronomic & Disease Data

VARIETY	MATURITY	HEIGHT	LODGING	BLACKLEG RATING	CLUBROOT RATING	STRAIGHT CUT
CANTERRA SEEDS						
CS3000 TF	Early	Short	Very Good	R-AG	R or I to 2B, 3A, 3D, 5X plus R to 2F, 5G, 3H, 5I, 5L, 6M, 8N	Yes
CS3100 TF	Full	Medium-Tall	Very Good	R-ADE2	R (1st and 2nd Generation Resistance)	Yes
CS3200 TF	Mid-Full	Medium-Tall	Excellent	R-C	R (1st and 2nd Generation Resistance)	Yes
CS4000 LL	Mid	Medium-Tall	Very Good	R	Resistant to pathotypes 2F, 3H, 5I, 6M & 8N	Yes
CS4100 LL	Mid	Medium-Tall	Excellent	R-E2 G	R (1st and 2nd Generation Resistance)	Yes
CS2600 CR-T	Early-Mid	Medium	Very Good	R-C	Resistance to pathotypes 2, 3, 5, 6, 8 + 2B & 5X	Yes
BRETTYOUNG						
BY 6127TF	+1.5 days of WCC/RCC checks	-	Excellent	R-CE2	R (Next Generation Resistance)	Yes
BY 6219TF	-	Medium	Excellent	E_2	R (Next Generation Resistance)	Yes
BY 7204LL	-0.5 day of WCC/ RCC checks	-	Excellent	E_2	R (Next Generation Resistance)	Yes

Committed To Grower Success

For Pitura Seeds, quality is everything.

It's a philosophy that began with the company's founder, Carl Pitura, 75 years ago and has been passed down through the generations ever since. Grandson Connor Pitura, and his brother-in-law, Tom Greaves, who lead Pitura Seeds, take that philosophy to heart.

"Seed quality is important to us because it's important to our customers," says Greaves. "It ensures that when growers come to us, they know they're getting the very best quality product. There's nothing for them to second guess."

"In 2021 DSAG and Pitura Seeds partnered up to offer these same attributes to their customer base in southern Manitoba, based out of Cypress River. DSAG supports Pitura Seeds' processes to get their customers the best high quality seed and service."

Thomas Cuddy is the production agronomist at Pitura Seeds. He manages all of the company's contract seed production beyond the 4,000 acre family seed farm and says there are many things Pitura does to ensure the quality of its seeds, including reviewing the large volume of provincial and regional trial data to make sure the company is recommending varieties that have the best yield potential, disease resistance, standability and marketability for Manitoba farmers.

"Those four things together give us a really good picture of which seeds we think are going to bring our customers the greatest success in the future," Cuddy says.

Cuddy also works with growers throughout the season to make

sure their crops are heading in a direction that will result in high quality seeds coming off the field at harvest.

Testing for germination rates, moisture, disease, seed size, purity and other key indicators of seed quality are important parts of the overall process when samples come in. Reviewing this data to ensure they only call in the best seed lots for processing helps provide a quality end product.

"We do a fair amount of testing throughout the whole process to make sure that we're doing more than just meeting the specifications we're required to," Cuddy says. "We're shooting for the top and not just trying to hit the minimum requirement that makes a certified number one seed."

The company must maintain purity of the seed through the entire season, which means multiple clean out points along the way to eliminate contamination between varieties or lots. This starts with the seeder, and each piece of equipment that the seed touches between fields, the processing facility and storage bins. After harvest and cleaning the seed, often the seed needs to be stored in those bins until spring, so they are regularly monitored and tested to ensure that such things as temperature and moisture fall within optimal ranges. Action is taken the moment a potential issue is identified.

"That way we ensure that we're going to have top quality throughout the whole system, that the germ is going to be well maintained, and we don't have to worry about failing something in the spring," Cuddy says.

Greaves admits that growers who choose lower quality seeds can sometimes get away with it. But getting away with it isn't necessarily in their best interests. By going with high quality seeds, they benefit from proven consistency, purity of genetics and, most importantly, reduced risk to their farm operation.

"That's a big part of why it's important to our customers that they grow only the highest quality seeds," Greaves says. "They want to reduce as much risk as they can throughout their operation and quality seed is an excellent way to do that. It really shifts the odds in their favour."

Pitura Seeds devotion to quality extends to their customer service and sales teams who not only support their customers, but are also committed to making their farms successful.

"The quality of our seeds is important to us, but so is the quality of the relationships we are building with our customers," Greaves says. "We want them to understand that we're in this with them and we're always looking for ways to help them succeed."

Peas

PS Boost

PS Boost is the first variety owned and marketed by Pitura Seeds.

- High-yielding yellow pea
- High protein
- Very good resistance to seed coat breakage
- Early maturity with a strong disease package
- Medium vine length
- Good lodging resistance

NEW *Now Commercially Available Across Western Canada*

Get your PS Boost seed today from one of our partners:

MANITOBA	SASKATCHEWAN	ALBERTA
• Pitura Seeds (Domain)	• Greenleaf Seeds (Tisdale)	• Stamp Seeds (Enchant)
• DSAG (Cypress River)	• LL Seeds (Lumsden)	• Oatway's Seed Farm (Clive)
• J.S. Henry Seeds (Oak River)	• Fraser Seed Ltd. (Pambrun)	• Brian Ellis Seed (Olds)
• Keating Seed (Russell)	• Dutton Farms (Paynton)	
• Armstrong Seeds (Boissevain)		

Pea Varieties - Agronomic & Disease Data

VARIETY	YIELD	MATURITY	RELATIVE VINE LENGTH	LODGING	SEED COAT BREAKAGE	POWDERY MILDEW	FUSARIUM WILT	MYCOSPHAERELLA BLIGHT
PS Boost	104% of CDC Amarillo in 2024 MCVET data	Early	Medium	Good	Very Good	Very Good	G	F
CDC Citrine	101% of AAC Carver in 2024 MCVET data	Mid	Long	Very Good	Good	Very Good	F	F
AAC Delhi	100% of AAC Carver in 2024 MCVET data	Mid	Medium	Good	Fair	Very Good	F	F
AAC Julius	97% of AAC Carver in 2024 MCVET data	Mid	Medium	Good	Good	Very Good	G	F

Forage and Turf Grass

Talk to us about forage seed, blends, turf and grass seed blends we have available.

Seed Treatments

At DSAG we offer the following seed treatments.

PULSES

Cruiser 5FS

Vayantis IV RFC

EverGol Energy

EverGol Energy with Stress Shield

Flo Rite

Lumisena

PEAS

Vibrance Maxx

CEREALS

Cruiser Vibrance Quattro

Vibrance Quattro

Insure Cereals

Raxil PRO

Raxil ProShield

INOCULANTS

AGTIV Soybeans

AGTIV Pulse

Cell Tech Soybean Granular

Fluency Agent

Lalfix Duo

Nodulator Liquid

Nodulator XL SCG

Optimize LV

Premier Tech

Atuva

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