

2024 SEED GUIDE



www.dsag.ca

Welcome

Welcome to our 2024 Seed Guide!

Yet another crop year has flown by and 2023 didn't come without its up and downs. The lack of moisture was our number one concern. Mother Nature throws challenges to our farming business every year, however, I think most growers have been pleasantly surprised with the harvest so far.

This was DSAG's second spring handling bulk and bagged seed. We are still learning our systems and working at getting the bugs out as we grow. We appreciate everyone's patience with us! One of the goals I had for DSAG this year was to better service the seed we sell. Adding Annabelle Calcott as our Seed Lead and Agronomic Support last August has surely

helped with that and hopefully, you have noticed that in your business as well!

We have been very fortunate to have increased support from our growers over these past few years. I hope that we can continue to build a business based on service and trust. Thank you for trusting us with your business and we look forward to working with you again this upcoming growing season!

Thank you,

Justin Daymond
General Manager, DSAG

DSAG Team

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Sales Agronomist

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.

- 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
- GMO soybeans
- NEW Non-GMO soybean production contracts available this year.

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
- Bulldozer

ONLINE RESOURCES

- Visit www.pituraseeds.ca for up to date field results, Seed Perspective Newsletter, YouTube videos and agronomy articles
- Follow us on X (Twitter), Facebook and LinkedIn

Our Partners



Why Local Trials Lead to Better Seed Selection

Corn growers want high tonnage, great quality and more. DSAG's field trials are helping it deliver on these needs.

When it comes to corn, innovation is the name of the game. But to really succeed in growing corn for grain or silage, seed providers must offer varieties tailored to local conditions that growers know will perform in that area, and that also deliver on the needs of modern growers. That's exactly what Justin Daymond and Annabelle Calcott of DSAG have been busy doing.

DSAG celebrated its grand opening in 2022. With Daymond at the helm as general manager, DSAG serves the Cypress River, Man., area with pedigreed seed, seed treatment and agronomy services.

DSAG offers a wide range of seed, but corn was a particular focus for Seed and Agronomic Lead Annabelle Calcott in 2023. She's originally from Cartwright, Man., and has been with DSAG for the past year.

"Each year is different, and that's why we do trials every year," she says. This dedication to staying at the forefront of agricultural technology is what sets DSAG apart.

Calcott's 2023 corn trials featured 28 varieties in six trials. The 28 varieties were made up of both grain and silage varieties, making it a comprehensive test representative of the future of corn farming.

What Growers Want

When it comes to corn, Calcott explains that growers are looking for many of the same things they've always desired in corn, but even more so considering the demands of the modern market.

- **Tonnage:** "This is definitely number one," Calcott says. Farmers aim to maximize the amount of corn they can harvest because it directly correlates with the amount of animal feed available.
- **Quality of Feed:** Along with tonnage, the quality of the feed is also crucial,



Annabelle Calcott is seed and agronomic lead for DSAG.

she says. "The quality of silage is determined by factors like nutritional content, taste, and how well it meets the dietary needs of the animals consuming it. Higher-quality feed provides better nutrition to the livestock and can lead to healthier and more productive animals."

- **Higher Starch and Energy:** Calcott notes starch and energy are important components of livestock diets as they

provide the necessary fuel for the animals' growth, energy expenditure, and overall health.

Daymond highlights the diversity of customers in the agricultural industry, especially when it comes to corn.

"Different customers have varying requirements when it comes to grain and silage corn. For example, some



This year, DSAG conducted a total of 14 trials, covering a wide range of crops. The majority of these trials were focused on corn.

customers, like beef and feedlot operations, may prioritize higher quantities of silage, while others, like dairy operations, may focus more on the quality of the feed," he says.

This reflects the need to tailor silage production to meet the specific demands of different sectors within agriculture.

DSAG staff are actively working on testing different varieties of corn to cater to the distinct needs of different customers. This approach acknowledges that a one-size-fits-all solution isn't suitable for the diverse range of agricultural operations, and customized corn varieties can better address these specific needs.

DSAG operates in partnership with Pitura Seeds, with the two aligning their efforts to bring the best to their customers. This collaboration allows both companies to offer a wider range of products and expertise.

Adding Calcott to the DSAG team has been a huge benefit, Daymond adds.

"Offering product is important, but we've taken it a step further by really locking in the service aspect of our business. We make sure to stay engaged with our customers even after the sale.

"Offering product is important, but we've taken it a step further by really locking in the service aspect of our business. We make sure to stay engaged with our customers even after the sale. Annabelle has been instrumental in this approach – she's truly our boots on the ground. It's been an excellent fit for our company, and her efforts have made a significant impact," he adds.



This year, DSAG conducted a total of 14 trials, covering a wide range of crops. The majority of these trials were focused on corn. Additionally, DSAG has ventured into soybean trials as well as feed barley and wheat trials in addition to some canola.

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



*"This is DSAG's third year selling Holland soybeans. It consistently yields at the top of the maturity range. Pod height is definitely an advantage."
- Annabelle Calcott*

Plant Characteristics

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



Soybean Varieties - Agronomic & Disease Data

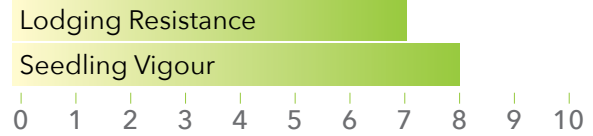
VARIETY	RM	CHU	IDC	PHYTOPHTHORA	SCN	PLANT TYPE	PLANT HEIGHT	ROW SPACING
NCS Arden RR2X	0.2	2350	Tolerant	Rps1c	No	Semi-Bush	Medium-Tall	<20"
NSC Holland RR2X	0.4	2400	Semi-Tolerant	Rps1c	No	Semi-Bush	Medium-Tall	12-24"
Badger RR2X NEW	0.6	2425	Tolerant	Rps 1k	No	Semi-Bush	Tall	N/A
NSC Cartier RR2X	0.6	2450	Semi-Tolerant	Rps3a	No	Semi-Bush	Medium-Tall	12-24"
NSC Sperling RR2Y	0.6	2450	Tolerant	Rps1a, 3a	No	Semi-Bush	Medium-Tall	12-24"
Bomber R2X <i>NEW</i>	0.4	2375	N/A	Rps1K/3a	No	Branched	N/A	N/A

Bomber R2X

- Excellent yield potential in a key maturity
- Stacked phytophthora genes and leading field tolerance
- Excellent spring vigour

Plant Characteristics

Maturity 00.4 Heat Units 2375 CHU
 Plant Height Tall



"In 2022 & 2023, IDC tolerance has been outstanding in a range of soil types"
 - Laird Lampertz



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

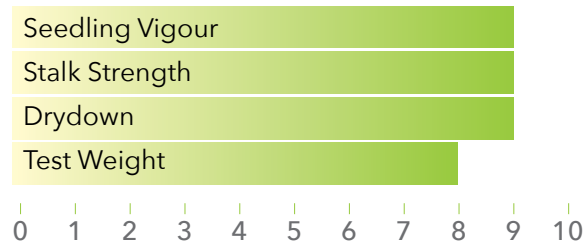
Corn

A3979 G2 RIB



- Excellent yield potential for the very early maturity zone
- Very good emergence and rapid seedling vigour
- Rapid to finish and kernel drydown
- Very good standability throughout the harvest season
- Very stable hybrid across multiple environments and soil types

Plant Characteristics



Relative Maturity 70 Heat Units 2025 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 CHU	Grain	Medium	6	8	Fixed
A4494G2 RIB <i>NEW</i>	74	2250	Grain	Medium	8	8	Semi-Flex
A4848G2 RIB <i>NEW</i>	78	2375	Grain	Medium	8	8	Semi-Flex
AS1028G2 EDF RIB	77-80	2250-2425 CHU	Silage	Tall	9	9	Flex
AS1027RR EDF	77-80	2250-2425 CHU	Silage	Very Tall	6	6	Semi-Flex
AS1047RR EDF	78-82	2300-2475 CHU	Silage	Very Tall	8	9	Flex
A4646 G2 RIB	79	2300 CHU	Grain/Silage	Tall	8	8	Semi-Flex
A4939 G2 RIB	81	2400 CHU	Grain/Silage	Medium-Tall	8	8	Semi-Flex
MAIZEX SEEDS							
MZ 1231DBR <i>NEW</i>	72	2050 CHU	Grain	Short-Medium	9	9	Semi-Flex
MS 8022R	75	2250 CHU	Silage	Very Tall	9	9	Semi-Flex
MZ 1544 DBR	75	2250 CHU	Grain	Short-Medium	8	8	Semi-Flex
MZ 1688DBR	76	2300 CHU	Grain/Silage	Tall	8	9	Semi-Flex
MS 8270R	82	2450 CHU	Silage	Very Tall	9	9	Semi-Flex
MS 8632R	86	2550 CHU	Silage	Very Tall	9	9	Semi-Flex
LFG 8755R	91	2750 CHU	Silage	Tall	8	8	Flex
NORTHSTAR GENETICS							
NS 271	71	2050 CHU	Grain	Medium-Tall	9	9	Semi-Flex
913S	75	2100-2200 CHU	Silage	Tall	8	8	Flex
NS 277 <i>NEW</i>	77	2225 CHU	Grain	Short-Medium	9	9	Determinate
NS 283	83	2425 CHU	Grain	Medium	9	9	Flex
255	83	2425 CHU	Grain	Medium-Short	9	9	Determinate
928S	86	2300-2400 CHU	Silage	Tall	9	9	Flex
932S	89	2300-2400 CHU	Silage	Tall	9	9	Flex
961S	95	2450-2550 CHU	Silage	Very Tall	8	8	Flex
924S <i>NEW</i>	83	2225-2325 CHU	Silage	Tall	9	9	Flex

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

MS 8022R

- Aggressive early season vigour
- Rapid grain set for early geographies
- Large harvest window
- White cobs for more palatable silage



Plant Characteristics

Relative Maturity 75 Heat Units 2250 CHU
 Plant Height Very Tall



	STALK STRENGTH	ROOT RATING	STAYGREEN	TEST WEIGHT	DRYDOWN	STARCH DIGEST	GOSS' WILT	NORTHERN LEAF BLIGHT
	8	9	6	8	9	N/A	6	6.5
	8	9	6	8	7	N/A	8	7
	9	9	8	8	9	N/A	8	7
	7	8	9	-	-	7	6	5
	6	9	9	-	-	6	4	5
	9	8	9	-	-	6	8	5
	9	9	8	8	9	9	8	7
	8	9	6	8	8	9	8	7
	8	-	8	8	9	N/A	5	8
		-	-	-	-	8	8	8
	9	-	9	8	8	N/A	7	8
	9	-	9	8	8	8	8	8
	-	-	8	-	-	8	7	7
	-	-	-	-	-	8	7	7
	-	-	9	-	-	9	5	5
	9	8	8	8	8	7	7	8
	9	9	8	-	-	9	8	6
	9	9	7	9	9		-	-
	9	8	6	8	8	10	8	6
	9	9	8	9	9	7	8	8
	9	8	8	-	-	10	8	6
	8	8	8	-	-	10	8	6
	9	8	8	-	-	10	8	6
	9	8	9	-	-	10	N/A	6

Oats & Barley

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

“Quality, yield, height and standability are 3 characteristics that sets CDC Anson apart from the pack.”

- Laird Lampertz

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	106 bu/ac 2022 MCVET data	Medium	Short	Good	MR	MR	S	MR
Esma	Two-Row	112 bu/ac 2022 MCVET data	Medium	Short	Good	Not Tested	Not Tested	Not Tested	Not Tested
CDC Austenson	Two-Row Feed	114 bu/ac 2022 MCVET data	Medium	Medium	Good	I	I	S	MR
AAC Synergy	Two-Row Malting	111 bu/ac 2022 MCVET data	Medium	Medium	Good	I	MR	S	R
OATS									
CDC Anson	Milling White	167 bu/ac in 2022 MCVET data	Medium (96 days)	Short	Excellent	-	S	-	-
AAC Douglas	Milling	158 bu/ac 2022 MCVET data	Early 94 days	Medium	Good	I	MR	I	R
AC Summit	Milling	147 bu/ac 2022 MCVET data	Medium (96 days)	Short	Good	I	I	I	R
CDC Arborg	Milling	155 bu/ac 2022 MCVET data	Early (94 days)	Medium	Excellent	S	I	-	R
CS Camden	Milling	158 bu/ac 2022 MCVET data	Medium (98 days)	Short	Very Good	S	MS	-	I



The Complete Package: Why CDC Anson is Stealing the Spotlight

This oat variety has it all: yield, height, standability and quality. So much so that it's giving longtime favourite AC Summit a run for its money.

In the ever-evolving world of farming, the introduction of a truly exceptional crop variety is something to celebrate. CDC Anson, an FP Genetics oat variety, is drawing considerable attention for its extraordinary attributes and generating buzz among farmers.

According to Laird Lampertz, agronomist at Pitura Seeds, CDC Anson oats give long-standing favourite AC Summit a run for its money.

"Summit is such a good variety, that it says something when you see a variety like Anson perform so well next to it," Lampertz says.

The availability of Anson oats for sale in the fall of 2024 for planting the following spring has ignited excitement in the farming community. Lampertz emphasizes that Anson oats represent the "complete package" – a rare find in the world of oats.

Lampertz highlights three key characteristics that sets CDC Anson apart from the pack:

- **Yield:** Anson boasts an impressive yield potential, delivering exceptional grain production. This high yield capacity positions it as an attractive choice for farmers seeking to maximize their crop output.
- **Height and Standability:** Anson is notably shorter than many other oat varieties, a feature that aligns with the preferences outlined in the Manitoba Seed Guide. Its short stature doesn't compromise its robustness; CDC Anson stands tall and strong, making it ideal for regions with higher rainfall.
- **Quality:** Lampertz anticipates that Anson will capture market demand due to its beta glucan levels, enhancing its quality profile. Buyers are likely to show interest in this oat variety, opening new market opportunities for farmers.



CDC Anson oats in the field.

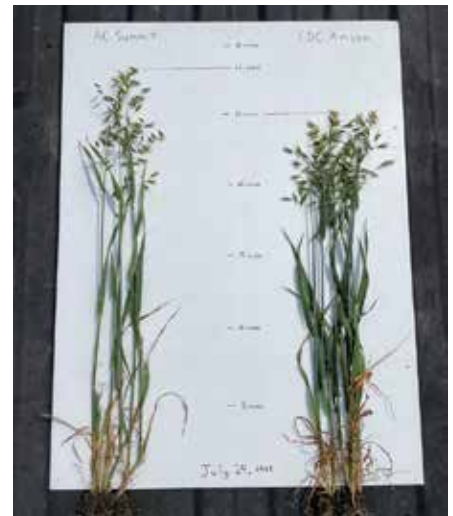
As Lampertz describes it, Anson oats are the kind of variety that arrives once in a blue moon. The initial trial results at Pitura Seeds were nothing short of impressive.

"We sowed it at a third of the normal seeding rate – just one bushel per acre – and it was able to yield 100 bushels an acre on those 17 acres," he says.

Aaron Beattie, who bred CDC Anson at the Crop Development Centre in Saskatchewan, created it from a cross between the line OT3068 and the variety CS Camden in the winter of 2012-2013. The line was tested in yield trials at the University of Saskatchewan from 2016 to 2018 and was entered in the Western Canadian Oat Cooperative Registration Trials as OT3112 in 2019 and 2020.

Selection criteria used in the development of CDC Anson included kernel characteristics, maturity, yield, plant height and lodging resistance.

Lampertz acknowledges the extensive time and effort it takes to develop a new crop variety, often spanning a decade or more from lab development to commercialization. Patience,



AC Summit oats – and old favourite – compared to CDC Anson for a height comparison.

dedication, and a commitment to long-term investments are essential in the world of plant breeding.

In the latest edition of the Manitoba Seed Guide, CDC Anson yielded the highest among all oat varieties. While it's still early for this variety on a larger scale, Lampertz is optimistic, emphasizing its attributes as an early maturing, short-strawed crop that is poised to make a positive impact in growers' fields.

Wheat



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

Wheat Varieties - Agronomic & Disease Data

VARIETY	CLASS	YIELD	MATURITY	PROTEIN	HEIGHT
SY Manness	CWRS	79 bu/ac in 2022 MCVET data	Medium (100 days)	14.00%	Short
AAC Hodge VB	CWRS	78 bu/ac in 2022 MCVET data	Medium (101 days)	14.10%	Medium-Tall
AAC Hockley	CWRS	73 bu/ac in 2022 MCVET data	Medium (101 days)	14.40%	Semi-Dwarf
AAC Brandon	CWRS	73 bu/ac in 2022 MCVET data	Medium (101 days)	14.30%	Medium
AAC Starbuck VB	CWRS	77 bu/ac in 2022 MCVET data	Medium (100 days)	14.60%	Short
Faller	CNHR	86 bu/ac in 2022 MCVET data	Medium (100 days)	12.90%	Short
SY Rowyn	CPSR	77 bu/ac in 2022 MCVET data	Medium (100 days)	13.50%	Semi-Dwarf



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

*"When it comes to thrash-ability, Manness IS second to none."
- Justin Daymond*

	LODGING	FHB	COMMON BUNT	STEM RUST	LEAF RUST	STRIPE RUST	LOOSE SMUT
	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



Maximizing Crop Yield and Quality: Fungicides Have a Positive Impact in 2023



Sprayer doing fungicide trial in wheat.



Fungicide treatment (left side) versus untreated control.

As the agricultural world continues to grapple with the challenges posed by fluctuating weather patterns, farmers are constantly seeking ways to optimize their crop yields and maintain product quality. 2023 proved to be an interesting year for farmers that made some question whether a fungicide application would be of use.

“It was a really interesting setup to the year in terms of our subsoil moisture being full and then leading into the year with very spotty isolated rain showers,” says Laird Lampertz, agronomist at Pitura Seeds.

This situation prompted him to ponder a crucial question that many growers were asking themselves: does it pay to use a fungicide in a year like 2023, and does it make economic sense in varying weather conditions?

“We had a very warm May and warm June with a lack of rainfall. So, it was the equation for a lack of disease development,” he says.

When it came time to make decisions regarding fungicide application, the consensus among most farmers was that the need for fungicides to protect against disease wasn't evident, especially for crops like peas, wheat, and canola.

However, Lampertz, known for his commitment to ground-truthing and testing ideas on a field scale, decided to investigate further.

“At the end of the day,” he says, “we still want to make sure we're maximizing

our yield potential of the crop.” Thus, trials on peas, wheat, and canola were conducted using various fungicide products.

The results, as Lampertz candidly admits, were anything but expected.

“We had positive yield responses from multiple different products in all three of those crops, even though the presence of disease was not there,” he says. These results were rigorously analyzed, comparing large-scale side-by-side trials with small-scale replication and data calibration, all recorded from the field.

The findings point to a significant shift in thinking about the role of fungicides in crop management.

“For us at Pitura Seeds, a big emphasis is placed on maximizing quality alongside yield potential,” Lampertz explains. Fungicides are traditionally recognized for their ability to improve product quality, making them particularly appealing for a seed-focused operation like Pitura Seeds.

But what caught Lampertz's attention was the observation that in previous years, canola fungicides have been beneficial during dry periods. This observation raised questions about the potential impact of fungicides on other crops, such as peas and wheat.

The Trial Results: A Breakdown

Lampertz provides a comprehensive summary of his findings across three different crops: pea, wheat, and canola.

- **Pea:** Pitura Seeds experimented with four different products on one field, and all four products showed a positive yield response in peas for the year against an untreated check.
- **Wheat:** In the case of wheat, Pitura Seeds conducted trials on four fields using two different products. Remarkably, 75% of the trials, or three out of four, demonstrated a positive economic return on investment, with yields exceeding the cost of the products and application.
- **Canola:** Pitura's trials on canola involved two fields with four different products, which made up five different trials or five different strips. Three out of five of these trials resulted in a positive yield response.

The bottom line, according to Lampertz, is that using a fungicide was economically feasible this year on the Pitura farm in these three crops. However, he advises caution and suggests that not all fungicides may provide equal benefits on all farms.

“Just like with anything, there are some products that didn't show a benefit,” he says. Lampertz says further exploration to determine which specific product types or ingredients are more worthwhile in varying conditions is ongoing.

“We're digging deeper into the findings and are going to be talking about them at our upcoming agronomy meetings,” he adds.

KWS Receptor Hybrid Rye



KWS Receptor has achieved consistent, top yields year after year in Western Canada Registration Trials. With good ergot protection from PollenPlus™ technology combined with excellent falling numbers and very short straw, KWS Receptor will be the top choice for rye growers.

- Top-in-class winter hardiness
- Short straw, excellent harvestability
- Strong ergot protection
- Superior falling numbers

AAC Vortex Winter Wheat



AAC Vortex delivers the power of high grain yield, excellent winter hardiness, short strong straw with medium maturity and excellent disease resistance and grain protein.

- Increased protein over the highest yielding check varieties
- Excellent winter survival, better than all checks
- Shorter than AAC Emerson with excellent lodging resistance
- Excellent disease package with R ratings for Leaf Rust, Stem Rust, and Stripe Rust and MR for FHB

Rye Varieties - Agronomic & Disease Data

VARIETY	YIELD (BU/AC)	PROTIEN %	TEST WEIGHT (KG/HL)	TKW (g)	HEIGHT (CM)	LODGING	RELATIVE WINTER HARDINESS	ERGOT (%)	FALLING NUMBER
KWS Aviator (Forage Type)	Top Forage Yields					Good	Excellent		152
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	104% of average hybrid rye varieties	10.5	74		Very Good	Excellent	Short (84 cm)	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
AC Emerson	CWRWW	83 bu/ac in 2023 MCVET data	Medium	Good	Medium	Good	R	I	R	MR	S
AAC Wildfire	CWRWW	89 bu/ac in 2023 MCVET data	Long	Very Good	Medium	Very Good	MR	I	S	R	MR
AAC Vortex	CWRWW	87 bu/ac in 2023 MCVET data	Medium	Very Good	Medium	Good	MR	R	R	R	S

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)

Canola

Brett Young Launches New Liberty Link Canola-BY 7204

The first in Brett Young's New Generation of LibertyLink Hybrids. A high yield potential, mid-maturity Hybrid with Pod DefendR technology and next-generation Clubroot Protection

We were extremely impressed with this new variety in Pitura Seeds' Liberty Link trial this year. It's vigour, disease package and Pod DefendR capabilities stood out amongst the rest.

Ask us for more details on this exciting new product.



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
CS2800 CL	Full	Medium-Tall	Very Good	R-AFG	R (1st and 2nd Generation Resistance)	No
CS3100 TF	Full	Medium-Tall	Very Good	R-ADE2	R (1st and 2nd Generation Resistance)	Yes
CS4000 LL	Mid	Medium-Tall	Very Good	R	Resistant to pathotypes 2F, 3H, 5I, 6M & 8N	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 6211TF	+0.9 days of WCC/RCC checks	-	Very Good	R-AG		Yes
BY 7102LL	+1.9 days of WCC/RCC checks	-	Excellent	R-CF	R (Next Generation Resistance)	No
BY 5125 CL	+0.4 days	-	Excellent	R-CE1	R (1st Generation Resistance)	No

PS Boost: A Revolution in Pea

Pitura Seeds' first exclusive yellow pea variety has it all: high yield, drought tolerance, and high protein – a winning combination for today's growers.

Get ready for a game-changer in the world of yellow peas. PS Boost will be launched commercially in spring of 2025, according to President Tom Greaves.

Developed by DL Seeds, PS Boost has been specifically bred for the protein market and is performing well across the Prairie provinces in both co-op registration trials and regional variety trials.

"When selecting for this variety, there was a focus on making sure the variety had strong agronomics for our farmers, while also meeting the quality characteristics that our end use protein partners are looking for," Greaves says.

"We see this variety as a step towards building the protein market in Western Canada, which will create opportunities for everyone that wants to get involved."

Pitura Seeds is looking to further build its distribution network across Western Canada with seed growers and retailers that are interested in PS Boost.

"We've started on our distribution partners for retail, and we've got a long list of people that want to retail it already, which is great and exciting," Greaves says.

Drought Tolerance: A Key Advantage
One unexpected attribute that sets PS Boost apart is its remarkable drought tolerance.

"With the lack of moisture that we have been experiencing over

the last number of years, that'll be a big selling feature for the variety. Drought tolerance and heat tolerance are critical in today's agricultural landscape," Greaves says.

"When we originally selected the variety, there were two key attributes we focused on. One was protein, and the other was ensuring it was well-suited for farmers in terms of agronomic traits. We wanted to make sure it wouldn't have a yield drag and firmly provide a yield boost. Something unexpected was the 'Very Good' rating for seed coat breakage. That's crucial for maintaining germination rates, and PS Boost has excelled in this regard."

Greaves highlights the challenge of boosting protein levels without compromising yield.

"In some pea varieties, boosting protein levels can result in a yield drag. What sets us apart is that we've achieved higher protein levels without sacrificing yield. With PS Boost, you're not giving up anything; it's a win-win."

Early Access for Forward-Thinking Growers

PS Boost is not just limited to the protein market, Greaves emphasises.

"We don't want to be pigeonholed into the protein market. You can still sell it to your regular grain trader or elevator and get a good return on investment. But it also opens the door to the protein market, which you might not have had access to before. We're excited to be on



many of the preferred variety lists, which can open up new markets for pea growers."

While the official launch of PS Boost is slated for 2025, enthusiastic growers have an opportunity to get involved early.

"We're offering limited early access to specific individuals. We encourage growers to reach out, and we can connect you with your local supplier or provide trial seeds. It's an excellent chance for those eager to get ahead in adopting this ground-breaking variety."

PS Boost: The Facts

- High-yielding yellow pea
- High protein
- Very good resistance to seed coat breakage
- Early maturity
- Medium vine length
- Good lodging resistance
- Very good resistance to powdery mildew
- Good resistance to fusarium wilt

Peas/Forage and Turf Grass

PS Boost

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

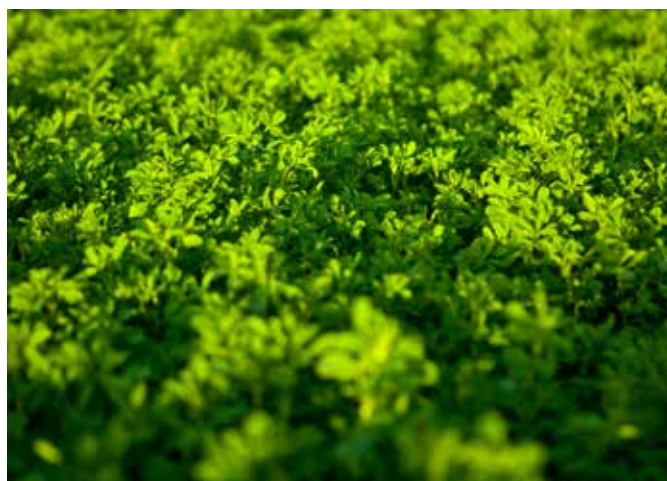


Pea Varieties - Agronomic & Disease Data

VARIETY	YIELD	MATURITY	RELATIVE VINE LENGTH	LODGING	SEED COAT BREAKAGE	POWDERY MILDEW	FUSARIUM WILT	MYCOSPHAERELLA BLIGHT
PS Boost	104% of CDC Amarillo in 2022 MCVET data	Early	Medium	Good	Very Good	Very Good	G	F
CDC Lewochko	103% of CDC Amarillo in 2022 MCVET data	Mid	Long	Very Good	Good	Very Good	F	F
AAC Delhi	103% of CDC Amarillo in 2022 MCVET data	Mid	Medium	Good	Fair	Very Good	F	F
AAC Julius	103% of CDC Amarillo in 2022 MCVET data	Mid	Medium	Good	Good	Very Good	Good	F

Forage and Turf Grass

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



Seed Treatments

At Pitura Seeds we offer the following seed treatments.

PULSES

Vayantis IV



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 NS Pea Peat

NexusBioAg

Cell Tech Soybean Granular

NexusBioAg

Fluency Agent



Lalfix Duo



Nodulator Liquid



Nodulator XL SCG



Optimize LV

NexusBioAg

Premier Tech





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