

SOYBEANS CORN OATS & BARLEY WHEAT WINTER CEREALS CANOLA PEAS FORAGE & TURF GRASS SEED TREATMENTS

2024 Seed Guide



PituraSeeds.ca



Welcome

Welcome to our 2024 Seed Guide!

As we step into the new year, Pitura Seeds is excited to present our latest Seed Guide, showcasing our core values and dedication to you.

Quality remains at the heart of everything we do. Our team's determination to be experts in farming and seed production drives us to continually explore, discover, and experiment, ensuring that every seed we offer meets the highest standards of excellence.

This year, we have some new options for your farm. We've tested several new varieties on our own farm, including our latest yellow pea innovation – PS Boost. We've also improved our grain marketing opportunities and added new production contracts. Our agronomy team has been hard at work and can't wait to share what they've learned with you.

We value our relationships with you, whether they're new or old. We're committed to helping you succeed on your farm. Being a family business, we're not just about our growth; we also care about your farm and the well-being of the communities we serve.

Thank you for choosing Pitura Seeds. Let's grow success together in 2024.

Tom Greaves
President,
Pitura Seeds

VISION STATEMENT

To become the most trusted provider of seed and seed services in Western Canada.

We will accomplish this by:

- Accessing the best variety for every acre.
- Striving for the highest standards and quality control in everything we do.
- Investing in technology and being experts in our space.
- Focusing on family, community and building strong relationships with customers, partners and team members.



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
- Pulldozer

ONLINE RESOURCES

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

Sales and Customer Service Team

Contact Us: 204-736-2849



Connor Pitura
President,
Pitura Seed Farm



Tom Greaves
President,
Pitura Seed Service



Calvin Pitura
Chairman of
the Board



Barb Strath-Pitura
Chief Financial
Officer



The Pitura Seed Sales and Customer Service Team (from left to right): Thomas Cuddy, Jacques Remillard, Katie Meggison, and Laird Lampertz.



The Pitura Century Farm: A Family Legacy

Over the years, the Pitura Seeds business and the farm that surrounds it have grown significantly, but family values still define it.

“We are still a family-run organization in every sense,” says Pitura Seeds President Tom Greaves. Today, Tom and his brother-in-law Connor Pitura are at the helm – with Connor heading up Pitura Seed Farm – and Connor’s parents Calvin and Barb serving as mentors and advisors as they transition into different roles within the business.

“We’re a family, we’re proud to be a family business, and we’re motivated to support our people and the communities that we serve,” says Greaves. This commitment to family values and community engagement is at the core of their mission.

In fact, the Pitura Seeds story is one of generational continuity.

Back in the early 1900s, a young couple, Paul and Sophie Pitura, set out on an adventure from Eastern Europe to Canada. Winnipeg was their first stop, where Paul worked in the Canadian National Railway shops. The lure of their dreams pulled them further west, to the Domain area. In 1920, they sowed the seeds of their farming legacy, starting the Pitura family farm.

Among their four sons, it was the youngest, Carl Pitura, who took up the mantle of the family legacy in 1948. His journey began with grain cleaning operations in 1950, and a year later, he ventured into seed production. The early 1960s saw him build the family’s first seed cleaning facility. Alongside his wife, Clara, Carl dedicated 70 years to the art of growing seed.

Fast-forward to the 1970s, and Carl’s son Calvin stepped into the world of farming alongside his father. After completing his university education, Calvin, together with wife Barb, officially joined the family business.

Their involvement marked the dawn of a new era, as they expanded the seed enterprise, offering a variety of services to their clientele, from seed procurement to the most meticulous cleaning and treatment processes, all the way to efficient bagging and bulk storage solutions.

The business’ geographical reach has expanded, and they take their role as community supporters seriously, according to Connor Pitura. “We want to make sure we support the communities around us, and the farms in all the areas that we serve. It’s so important to us because we couldn’t succeed without them,” Connor says.

Pitura Seeds’ involvement in local activities and organizations further exemplifies the company’s commitment to community welfare. Greaves highlights its active role in supporting sports teams, community halls, rinks, the local Legion and other initiatives.



“We want to make sure we support the communities around us, and the farms in all the areas that we serve. It’s so important to us because we couldn’t succeed without them,”

- Connor Pitura

He’s also keen to emphasize their focus on customer service and solutions.

“We’re really trying to be servants of our customers, and we want to help them to be successful,” he adds. “We’re trying to find wins across the board, which starts with them having, the right seed and anything we can do to make a good crop,” he adds.



4 Generations - Calvin, Carl, Callan and Connor

In addition to its farming operation, Pitura Seeds dedicates acres to performing research and trials, with the goal of continually striving to learn and improve. Greaves believes in the importance of research to benefit their customers.

"We're trying to learn as much as possible for the benefit of our customers," he adds. Pitura's dedication to research ensures it can provide the best varieties and support customers' success.

A Century of Stewardship

The Pitura seed farm attained Century Farm status in 2021. The path to achieving the milestone wasn't without its share of challenges.

"The historical records were a bit hazy when it came to pinpointing the exact year of our farm's establishment," Calvin says. "While family stories and community history books hinted at a beginning in 1919, we could only definitively trace our continuous ownership from 1921. So, we decided to embrace the year 2021 to celebrate our 100-year journey."

Connor enthusiastically describes the profound transformation of modern seed growing compared to the

era of Paul Pitura. Every step of their work is meticulously recorded and analyzed to give the customer the best possible product.

"Almost every move in the field is carefully measured and recorded," he says. This data-driven approach allows the team to continually refine its strategies, optimizing efficiency and minimizing waste.

The family envisions the future of seed growing and farming as a journey tightly intertwined with innovation and technology.

"Our customers are the kind of people who are always looking to the future. They never stand still, and we've always been happy to serve them, to help move their farming businesses into the future. They're our neighbours and part of our community," Greaves adds.

"The past century has been an amazing opportunity to build our business and help our customers in building theirs. I can't imagine what the next 100 years will bring."

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 will be Northstar Genetics most popular soybean because of what farmers have seen in the last 3 years"
 – Laird Lampertz

Plant Characteristics

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



Soybean Varieties - Agronomic & Disease Data

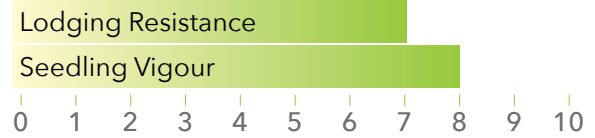
VARIETY	RM	CHU	IDC	PHYTOPHTHORA	SCN	PLANTTYPE	PLANT HEIGHT	ROW SPACING
NCS Arden RR2X	0.2	2350	Tolerant	Rps1c	No	Semi-Bush	Medium-Tall	<20"
NSC Holland RR2X	0.4	2400	Semi-Tolerant	Rps1c	No	Semi-Bush	Medium-Tall	12-24"
Badger RR2X NEW	0.6	2425	Tolerant	Rps 1k	No	Semi-Bush	Tall	N/A
NSC Cartier RR2X	0.6	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"
NSC Winkler RR2X	0.8	2500	Semi-Tolerant	Rps1c	Yes	Bush	Tall	15-30"

Badger RR2X

- Plants have good early season vigour
- Strong yield performance
- Tall plant with good standability
- Excellent IDC tolerance

Plant Characteristics

Maturity 00.6 Heat Units 2425 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
	Light Tawny	Black	9	9	8	8	7	8

NS 277



Plant Characteristics

Relative Maturity 77 Heat Units 2225 CHU
Plant Height Medium

- Excellent yields under medium to medium high populations
- Excellent test weight
- Very good early seedling vigour, with strong roots and stalks
- Very good Goss' Wilt rating



Corn Varieties - Agronomic & Disease Data

VARIETY	RM	CHU	TYPE	PLANT HEIGHT	EMERGENCE	SEEDLING VIGOUR	EAR TYPE
PRIDE SEEDS							
A3979 G2 RIB	72	2025 CHU	Grain	Medium	6	8	Fixed
A4494G2 RIB <i>NEW</i>	74	2250	Grain	Medium	8	8	Semi-Flex
A4848G2 RIB	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

A4494G2 RIB NEW

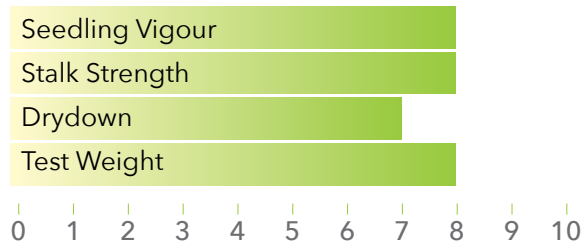
- Impressive season-long plant integrity allows for harvest flexibility
- Strong spring emergence and vigour
- Good stand establishment in tough conditions



"It has the best Goss' Wilt tolerance in this corn heat unit range"
 – Laird Lampertz

Plant Characteristics

Relative Maturity 74 Heat Units 2250 CHU
 Plant Height Medium



	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

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.

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

*“This varieties standability will be key when the wet years return to the Red River Valley”
– Laird Lampertz*

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



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

	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

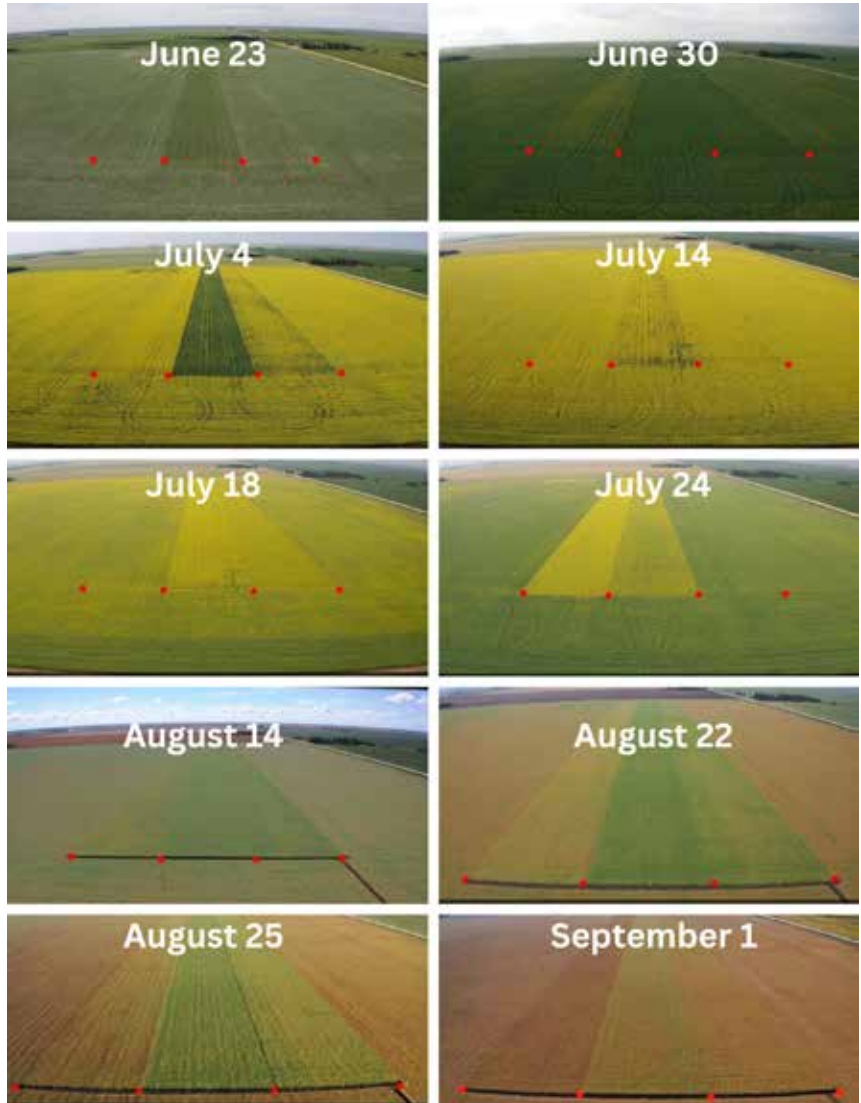
Lodging: scale of 1-9; 1 is best. Source: Fall Rye Co-operative Registration Trial 2015-16 Report, Request for Support for Registration of RT 227 (KWS Gatano)

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 our 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



Cell Tech Soybean Granular



Fluency Agent



Lalfix Duo



Nodulator Liquid



Nodulator XL SCG



Optimize LV



Premier Tech



Our Partners





Box 2, Domain, MB ROG OMO
Phone: 204-736-2849
PituraSeeds.ca

SOYBEANS CORN OATS & BARLEY WHEAT WINTER CEREALS CANOLA PEAS FORAGE & TURF GRASS SEED TREATMENTS