



2020

SEED GUIDE



Parrish & Heimbecker, Limited

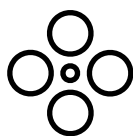


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Ten years of STRONG. VIGOROUS. DEPENDABLE.

Alliance Seed is a vibrant, growing seed company focused on providing Canadian farmers with leading innovation in yield potential, disease resistance and end use quality. Partially owned by Parrish & Heimbecker Limited, Alliance Seed was established in 2009 as a joint venture seed company. Our unique ownership makes Alliance Seed part of a family of vertically integrated, value added agribusinesses, which includes crop input retailers, grain handlers, grain trading and merchandising services, transportation, grain milling, animal feed and nutrition, organic products, consumer food products, and specialty alcohols.

By leveraging this downstream grain quality expertise in the evaluation of the varieties we add to our portfolio, Alliance Seed customers can be assured they have the STRONG genetics they require to be successful in today's intensive farming operations. Each variety has had VIGOROUS evaluation of performance throughout the value chain and offers the DEPENDABLE production expertise of our more than 200 seed grower and retail partners. Alliance Seed has grown exponentially, expanding its portfolio, its seed grower network, its retail access points, its end use participation, and ultimately, its sales and market share. Today, we operate in 10 different crop types, with 25 different varieties available through nearly 220 retail points in western Canada. We continue to work closely with our shareholders, their end use customers, our seed grower partners and our genetics suppliers to deliver our STRONG. VIGOROUS. DEPENDABLE. portfolio.





WHEAT

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AAC REDBERRY

ALLIANCE  SEED

Canada Western Red Spring

ENJOY THE FRUITS OF YOUR LABOUR

AAC Redberry is a very early maturing, good standing, high protein CWRS. It has shown very high yields across all prairie production zones from the heat driven south, right up through the parkland regions.

FEATURES

- Early maturity – three to four days earlier than Carberry; growers have experienced in field results as much as one week earlier
- Consistently high grain yield, 108% of Carberry
- High grain protein, excellent HVK and high test weight to provide harvest quality
- Semi dwarf with good lodging resistance (G) and good sprouting resistance (G)
- Strong disease package: R for leaf rust, R for stem rust, R for stripe rust and a strong I for FHB

AAC Redberry – Earlier than the Competition

2019 sample of AAC Redberry:
sown 3 days later than
a market leading variety.



AAC Redberry

Leading variety



NEW SY TORACH



Canada Western Red Spring

THE NAME SAYS IT ALL

Pronunciation /'TOR·ak (Gaelic). ADJECTIVE; Fruitful, high yielding. SY Torach offers increased yield while providing a protein boost over the most commonly grown CWRS varieties in the market today. SY Torach maintains the short, strong standing semi dwarf characteristics growers are after, and improves disease resistance with an MR for FHB.

FEATURES

- Excellent protein potential (0.2–0.9% higher than Carberry) to maximize fertility program
- High yielding (109% of Carberry in MB, 107% in SK) with earlier maturity than Carberry
- Short status (84 cm) with excellent standability for quick and efficient harvest
- MR for FHB to resist the formation and severity of fusarium headblight
- Best adapted to Manitoba and Saskatchewan

Midge-Tolerant Wheat

Orange wheat blossom midge is a common cereal insect pest in Western Canada. The adult midge is a very small fly about half the size of a mosquito. In late June or July, the adult emerges from the soil to mate. Females then lay eggs on newly emerged wheat heads, and it's the resulting larvae that damage wheat kernels by feeding on them. Larvae then will overwinter in the soil temperatures and moisture levels are favourable, at which time they will pupate, emerge as flies and start the cycle over.

Wheat midge can cause severe yield losses and lower the grade of harvested grain. There were no really effective control measures up until the release of the first variety carrying the *Sm1* gene for resistance, AC Goodeve VB.

It took more than 15 years and a huge financial investment for research in Canada to move that single gene, *Sm1*, into spring wheat varieties. It is the only known gene that confers tolerance to wheat midge.

Varietal Blends

Tolerance based on a single gene has a history of becoming ineffective over a relatively short period of time as insect populations change. An interspersed refuge system – planting a blend of a midge-tolerant variety with a susceptible variety – is required in order to prevent the buildup of midge that are able to attach wheat carrying the *Sm1* gene. This strategy can extend the life of midge-tolerance from as little as 10 years to 90 years or more. Midge-tolerant wheat is sold in a 90:10 variety blend of the variety with the *Sm1* gene (90%) and a refuge variety (10%).

Stewardship agreement

Proper stewardship is required to ensure farmers can continue to benefit from this singular technology over the long-term. If a farmer buys midge-tolerant wheat, he will be required to sign a Midge-Tolerant Wheat Stewardship Agreement that essentially limits the use of farm-saved seed to the one generation past Certified seed.

Check out www.midgetolerantwheat.ca for more information on midge, midge-tolerant wheat and the stewardship agreement.





Canada Western Red Spring

ELEVATE YOUR EXPECTATIONS

AAC Elie is a high-yielding, strong strawed, semi dwarf CWRS variety with broad-based disease resistance. Consistent, dependable results, regardless of what Mother Nature has in store.

FEATURES

- Consistent, high yield performance across all production zones, weather conditions and management levels
- Semi dwarf with excellent standability for quick and efficient harvest
- Good sprouting resistance to withstand adverse harvest conditions and maintain harvest quality
- Broad-based disease resistance with a strong I for FHB to resist the formation and severity of fusarium headblight



Canada Western Amber Durum

ADVANCED GENETICS FOR MODERN FARMING

Prairie durum growers invest heavily in innovation and technology to maximize production, responsibly. By setting the new standard for yield potential without sacrificing important agronomic characteristics, CDC Precision stands out as the elite option for today's producer.

FEATURES

- Very high, consistent yields across all durum growing areas
- Strong standing
- Strong disease package: R for leaf rust, R for stem rust, R for stripe rust, MS for FHB, similar to Brigade



SY ROWYN



Canada Prairie Spring Red

SY Rowyn offers wheat growers consistently high yields, good straw strength and very good disease resistance, including strong tolerance to FHB infection. SY Rowyn is a variety that Canadian producers can use to push their wheat yields higher while maintaining access to good milling markets. Alliance Seed shareholders have described SY Rowyn as a “rockstar” in its milling characteristic and also have publicly declared, “SY Rowyn is the best wheat I have ever milled.”

FEATURES

- Very high yield potential, averaging 15% higher than CWRS lines across all production zones, with top end yields of 150%+ under intensive management
- Excellent FHB resistance (MR)
- Semi dwarf with excellent threshability for efficient harvest



WHEAT





BARLEY

NEW AB
CATTLELAC

10





NEW AB CATTLELAC

ESCALATE YOUR EXPECTATIONS OF QUALITY AND PERFORMANCE

AB Cattlelac is a new semi smooth awned barley that was ranked No. 1 for forage yield in two years of co-op testing. Coupled with good lodging resistance, good grain yield and excellent disease resistance, livestock producers can feel confident AB Cattlelac is the luxury barley of choice for their operations.

FEATURES

- Excellent grain and forage yields throughout registration trials
- Featured in Grainews and Western Producer; described as an incredible new variety
- High cow carrying capacity
- Improved lodging over AC Ranger
- Semi smooth awned 6 row

Yield

	Lodging	Height	Maturity
AB CATTLELAC	VG	100 cm	89 days
AC Ranger	G	81 cm	89 days



	Netted Net Blotch	Spotted Net Blotch	Spot Blotch	Scald	Loose Smut	Other Smut	Stem Rust	Root Rot	FHB
AB CATTLELAC	MS	MR	MR	I	I	R	I	-	S
AC Ranger	I	MR	MR	MS	MS	I	MR	MR	S



FLAX

NEW TOPAZ

12





NEW **TOPAZ**

Topaz is a new flax variety available to flax growers featuring good yield potential, excellent lodging resistance and the high oil content flax marketers covet.

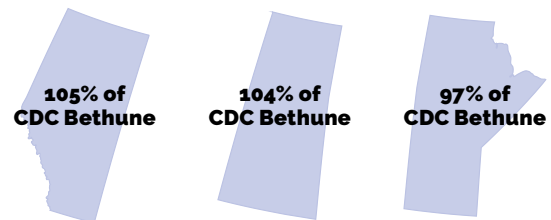
FEATURES

- Increased yield over check varieties in provincial testing
- Early maturity
- Improved lodging resistance

Yield

	Lodging	Height	Maturity
TOPAZ	G	55 cm	102 days
CDC Bethune	G	58 cm	102 days

	Fusarium Wilt	Powdery Mildew
TOPAZ	MR	MR
CDC Bethune	MR	MR



Topaz Yield Data: 2018 Manitoba Crop Variety Evaluation Trials, 2018 Saskatchewan Variety Performance Group Trials, 2018 Alberta Regional Variety Testing program.



CANOLA

LIBERTYLINK/TRUFLEX

STRAIGHT CUT HYBRIDS

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LIBERTYLINK

STRAIGHT CUT HYBRIDS

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STRAIGHT CUT HYBRIDS

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CLEARFIELD

STRAIGHT CUT HYBRIDS

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SWATH HYBRIDS

NEW BY 5105CL	28
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TruFlex canola with Roundup Ready and LibertyLink Technologies

TruFlex™
CANOLA with Roundup Ready® Technology

LIBERTY LINK®

Straight Cut Hybrids

NEW LR344PC

choice
InVigor®
LR344PC

Introducing the first ever InVigor® canola hybrid with both the LibertyLink herbicide technology system and TruFlex™ canola with Roundup Ready® technology. Led by InVigor genetics, you choose whether you'd like to use Liberty® herbicide or Roundup WeatherMAX® herbicide. It features both the patented Pod Shatter Reduction technology and 1st generation clubroot resistance.

QUICK FACTS

Yield Rating ¹	104.1%
Blackleg Rating	R
Major Gene ID	–
Clubroot Rating	R
Straight Cut Ability	Yes
Maturity ²	-1 day

NEW DKTFL 21SC



DEKALB genetics combined with TruFlex™ canola with Roundup Ready® and LibertyLink® Technologies, allowing the growers to apply multiple modes of actions.

QUICK FACTS

Yield Rating ³	102%
Blackleg Rating	R
Major Gene ID	RLM1 or LEPR3 and RLMS
Clubroot Rating	–
Straight Cut Ability	Yes
Maturity ⁴	-0.5 days

¹% of the new checks (InVigor L233P & Pioneer 45H33) in 2018 WCC/RRC trials

²Maturity compared to InVigor L252

³Yield compared to 74-44 BL (n=41, 2018 Bayer Trials)

⁴Maturity relative to 74-44BL

LibertyLink



Straight Cut Hybrids

NEW B3010M



High Yields. Best-in-Class Straight Cut Genetics.

Brevant™ seeds B3010M canola hybrid with the LibertyLink trait delivers high yields, and best-in-class straight cut genetics. With powerful clubroot resistance, and standability that gives you flexibility at harvest, it is also locally tested so you can be confident it performs.

QUICK FACTS

Yield Rating ¹	100%
Blackleg Rating	7*
Major Gene ID	–
Clubroot Rating	R
Straight Cut Ability	Yes
Maturity	Medium-Early

NEW DKLL 82 SC



The next addition to DEKALB's LibertyLink offering, built for straight cutting with powerful yield potential.

QUICK FACTS

Yield Rating ²	101.3%
Blackleg Rating	R
Major Gene ID	RLM1 or LEPR3 and RLMS
Clubroot Rating	–
Straight Cut Ability	Yes
Maturity ³	-0.1 days

NEW L345PC



One of the NEW 300 series hybrids, InVigor L345PC has demonstrated exceptionally high yield potential, with internal trial results at 111.4% of InVigor L233P in 2018. It features the patented Pod Shatter Reduction technology as well as 1st generation clubroot resistance.

QUICK FACTS

Yield Rating ⁴	111.9%
Blackleg Rating	R
Major Gene ID	–
Clubroot Rating	R
Straight Cut Ability	Yes
Maturity ⁵	-1 days

¹Yield compared to InVigor L233P from 2016–2018 R&D small plot trials

²Yield compared to DKLL 81 (n=21, 2018 Bayer Market Development Trials)

³Maturity relative to 74-44 BL

⁴% of the checks (InVigor 5440 & Pioneer® 45H29) in the 2017/2018 WCC/RCC trials

⁵Maturity compared to InVigor L252

* 9 = Resistant, 1 = Susceptible

LibertyLink



Straight Cut Hybrids

L233P

InVigor

QUICK FACTS

Yield Rating ¹	108.8%
Blackleg Rating	R
Major Gene ID	–
Clubroot Rating	–
Straight Cut Ability	Yes
Maturity ²	-3 days

InVigor L233P was grown on more acres in western Canada than any other canola hybrid in 2018*. Featuring the patented Pod Shatter Reduction technology, this early-maturing, high-yielding hybrid provides greater harvest flexibility for growers looking to manage their day-to-day workload during the busy harvest season. Winner of the 2017 & 2018 Canola 100 contest, and winner of the 2018 third-party Straight Cut Canola Performance Trials (CPTs).

*2018 BPI (Business Planning Information) Data.

L234PC

InVigor

QUICK FACTS

Yield Rating ³	104%
Blackleg Rating	R
Major Gene ID	–
Clubroot Rating	R
Straight Cut Ability	Yes
Maturity ²	-3 days

InVigor L234PC has shown to be a high-yielding hybrid with both the patented Pod Shatter Reduction technology of InVigor, as well as 2nd generation multi-genetic clubroot resistant traits. This hybrid offers outstanding yield protection and strong standability similar to InVigor L233P.

L255PC

InVigor

QUICK FACTS

Yield Rating ³	109%
Blackleg Rating	R
Major Gene ID	–
Clubroot Rating	R
Straight Cut Ability	Yes
Maturity ²	+1.5 days

InVigor L255PC separates itself from all others due to its very impressive standability and performance, plus the benefit it offers of both the patented Pod Shatter Reduction technology and 1st generation clubroot resistance. This medium-height hybrid is suited for growers in mid- to long-growing zones.

¹% of the checks (InVigor 5440 & Pioneer® 45H29) in 2014–2015 WCC/RRC trials

²Maturity relative to average of checks

³% of the checks (InVigor 5440 & Pioneer 45H29) in 2017 WCC/RRC trials

LibertyLink



Swath Hybrids

DKLL 81 BL



DEKALB genetic potential, and disease management you know and trust from today's leading DEKALB canola hybrids, while offering you the opportunity to Liberty® herbicide.

QUICK FACTS

Yield Rating ¹	100.2%
Blackleg Rating	R
Major Gene ID	RLM1 or LEPR3, RLM3 and RLMS
Clubroot Rating	–
Straight Cut Ability	No
Maturity ²	+1.2 days

NEW L352C



New InVigor L352C offers a significant jump in yield potential and features 1st generation clubroot resistance. Suitable for all growing zones, this hybrid has a similar maturity to InVigor L252. It also yielded 104% of InVigor L252 in internal InVigor trials. This hybrid is a strong replacement for InVigor L252, since it's the ideal hybrid for growers who prefer to swath their canola.

QUICK FACTS

Yield Rating ³	108.6%
Blackleg Rating	R
Major Gene ID	–
Clubroot Rating	R
Straight Cut Ability	No
Maturity ⁴	+0.5 day

L241C



With InVigor L241C, you can expect strong standability and high yields from this mid-maturing hybrid that's well suited to all clubroot-affected regions of western Canada. InVigor L241C won the 2016 Canola 100 contest with a yield of 81.43 bu./ac.

QUICK FACTS

Yield Rating ⁵	102%
Blackleg Rating	R
Major Gene ID	–
Clubroot Rating	R
Straight Cut Ability	No
Maturity ⁶	-1 day

¹Yield compared to L230 (n=8 2018 Bayer Market Development Trials)

²Maturity relative to 74–44 BL

³% of the checks (InVigor 5440 & Pioneer 45H29) in the 2017/2018 WCC/RCC trials

⁴Maturity relative to InVigor L252

⁵% of the checks (InVigor 5440 & Pioneer 45H29) in 2012/2013 WCC/RCC trials

⁶Maturity relative to average of checks

LibertyLink



Swath Hybrids

L252

InVigor

QUICK FACTS

A consistent top performer, InVigor L252 continues to offer incredible yield performance and strong standability with mid-season maturity. InVigor L252 won the 2018 third-party Canola Performance Trials (CPTs) for the sixth straight year (average of all growing zones in swath trials). It was also the winner of the 2018 InVigor Swath DSTs.

Yield Rating ¹	110%
Blackleg Rating	R
Major Gene ID	–
Clubroot Rating	–
Straight Cut Ability	No
Maturity ²	+1 day

L230

InVigor

QUICK FACTS

Early-maturing InVigor L230 displays outstanding yield potential with excellent lodging resistance. It was only out-yielded by InVigor L252 in our Standard Swath DSTs from 2017. This hybrid is ideal for growers who prefer an early-maturing hybrid that consistently performs.

Yield Rating ³	103.9%
Blackleg Rating	R
Major Gene ID	–
Clubroot Rating	–
Straight Cut Ability	No
Maturity ²	-3.5 days

¹% of the checks (InVigor 5440 & Pioneer 45H29) in 2011/2012 WCC/RRC trials

²Maturity relative to average of checks

³% of the checks (InVigor 5440 & Pioneer 45H29) in 2014/2015 WCC/RRC trials

Roundup Ready

Straight Cut Hybrids



D3156M



QUICK FACTS

- Blackleg and fusarium wilt resistance
- Yield and harvest flexibility
- Straight cut or swath
- Very good standability

Yield Rating	–
Blackleg Rating	7*
Major Gene ID	–
Clubroot Rating	–
Straight Cut Ability	Yes
Maturity	Medium-Early

6090 RR



QUICK FACTS

- Ideal for direct harvest
- Industry-leading DefendR rated blackleg performance plus clubroot protection
- Adapted to mid- and long-season zones

Yield Rating ¹	104%
Blackleg Rating	R
Major Gene ID	RLM3 + RLM4
Clubroot Rating	R
Straight Cut Ability	Yes
Maturity ¹	+1.5 days

NEW CS2600 CR-T



QUICK FACTS

A remarkable TruFlex canola hybrid with clubroot resistance and straight-cut potential.

Yield Rating ²	112%
Blackleg Rating	R
Major Gene ID	RLM3
Clubroot Rating	R
Straight Cut Ability	Yes
Maturity	Early

¹Yield and maturity ratings based on relative to check performance in available co-op, CPT and private trials

²Yield % of 75–42CR

* 9 = Resistant, 1 = Susceptible

Roundup Ready

Straight Cut Hybrids



CS2400



Early season value option with multigenic blackleg resistance.

QUICK FACTS

Yield Rating ¹	104%
Blackleg Rating	R
Major Gene ID	RLM3
Clubroot Rating	S
Straight Cut Ability	Yes
Maturity	Early

CS2100



A straight cut hybrid with multigenic blackleg resistance.

QUICK FACTS

Yield Rating ²	103%
Blackleg Rating	R
Major Gene ID	RLM1 or LEPR3, RLM3 and RLMS
Clubroot Rating	S
Straight Cut Ability	Yes
Maturity	Mid-Full

NEW DKTF 96 SC



This hybrid was built for straight cutting. It's the new stick against which all DEKALB hybrids will now be measured.

QUICK FACTS

Yield Rating ³	102.3%
Blackleg Rating	R
Major Gene ID	RLM1 or LEPR3 and RLMS
Clubroot Rating	–
Straight Cut Ability	Yes
Maturity ⁴	+0.2 days

¹Yield % of 75–45

²Yield % of L140P

³Yield compared to 74–44 BL (n=41, 2018 Bayer Trials)

⁴Maturity relative to 74–44 BL

Roundup Ready

Straight Cut Hybrids



DKTF 92 SC



This hybrid was built for straight cutting. It's the new stick against which all DEKALB hybrids will now be measured.

QUICK FACTS

Yield Rating ¹	98.7%
Blackleg Rating	R
Major Gene ID	RLM1 or LEPR3 and RLMS
Clubroot Rating	–
Straight Cut Ability	Yes
Maturity ²	+1.2 days

75-65 RR



This hybrid was built for straight cutting.

QUICK FACTS

Yield Rating ³	98.36%
Blackleg Rating	R
Major Gene ID	RLMS
Clubroot Rating	–
Straight Cut Ability	Yes
Maturity ²	+0.2 days

¹Yield compared to 74-44 BL (n=8 2018 Bayer Market Development Trials)

²Maturity relative to 74-44 BL

³Yield compared to 74-45BL (n= 745, Bayer Market Development Trials)

Roundup Ready

Swath Hybrids

TruFlex™
CANOLA with Roundup Ready® Technology

Roundup Ready®
CANOLA

D3155C

BREVANT™
seeds

QUICK FACTS

- Blackleg and fusarium wilt resistance
- Protects against five races of clubroot (2, 3, 5, 6 and 8)
- Defends against disease without compromising yield

Yield Rating	–
Blackleg Rating	7*
Major Gene ID	–
Clubroot Rating	R
Straight Cut Ability	No
Maturity	Medium-Early

NEW BY 6204TF

BrettYoung™
DISTINCT BY DESIGN

QUICK FACTS

BrettYoung's Premier TruFlex Variety with DefendR Blackleg Protection

- TruFlex hybrid equipped with the latest in herbicide trait technology
- Industry-leading genetic resistance to blackleg plus clubroot protection
- Improved weed control
- Flexibility in spray rates and timing

Yield Rating ¹	102%
Blackleg Rating	R
Major Gene ID	RLM3 + RLM4
Clubroot Rating	R
Straight Cut Ability	No
Maturity ¹	+0.1 days

¹Yield and maturity ratings based on relative to check performance in available co-op, CPT and private trials

* 9 = Resistant, 1 = Susceptible

Roundup Ready

Swath Hybrids



NEW BY 6207TF



BrettYoung's Premier TruFlex Variety with DefendR Clubroot Protection.

- TruFlex hybrid equipped with the latest in herbicide trait technology
- Industry-leading genetic resistance to Clubroot pathotypes 2, 3, 5, 6, 8, 3A, 5X, 2B, plus other minor pathotypes
- Improved weed control
- Flexibility in spray rates and timing

QUICK FACTS

Yield Rating ¹	100%
Blackleg Rating	R
Major Gene ID	Rlm 3
Clubroot Rating	R
Straight Cut Ability	No
Maturity ¹	+2.2 days

6074 RR



The Yield Leader

- The Roundup Ready canola variety with yields to challenge InVigor
- Improved tolerance to sclerotinia stem rot*
- Blackleg resistant
- Consistent performer with excellent harvestability

QUICK FACTS

Yield Rating ¹	101%
Blackleg Rating	R
Major Gene ID	RLM3
Clubroot Rating	R
Straight Cut Ability	No
Maturity ¹	+1.7 days

¹Yield and maturity ratings based on relative to check performance in available co-op, CPT and private trials

Roundup Ready

Swath Hybrids

TruFlex™
CANOLA with Roundup Ready® Technology

Roundup Ready®
CANOLA

4187 RR

BrettYoung™
DISTINCT BY DESIGN

QUICK FACTS

Yield Rating ¹	102%
Blackleg Rating	R
Major Gene ID	RLM3 + RLM4
Clubroot Rating	R
Straight Cut Ability	No
Maturity ¹	+1.7 days

DefendR Rated Blackleg Protection Plus Clubroot Protection

- High performance with industry-leading disease resistance
- Clubroot resistant (pathotypes 2, 3, 5, 6 and 8*)
- Impressive canopy
- Excellent standability

6076 RR

BrettYoung™
DISTINCT BY DESIGN

QUICK FACTS

Yield Rating ¹	96%
Blackleg Rating	R
Major Gene ID	RLM3 + RLM4
Clubroot Rating	R
Straight Cut Ability	No
Maturity ¹	+2.0 days

DefendR Rated Blackleg Protection Plus Clubroot Protection

- High performance with industry-leading disease resistance
- Clubroot resistant (pathotypes 2, 3, 5, 6 and 8*)
- Impressive canopy
- Excellent standability

* 2F, 3H, 5I, 6M, 8N equal the 2, 3, 5, 6, 8 on William's pathotype differential set.

¹Yield and maturity ratings based on relative to check performance in available co-op, CPT and private trials

Roundup Ready

Swath Hybrids



CS2300



Boasts big yields without falling down.

QUICK FACTS

Yield Rating ¹	104%
Blackleg Rating	R
Major Gene ID	RLM3
Clubroot Rating	S
Straight Cut Ability	No
Maturity	Mid/Full

CS2000



Broadly adapted for all zones, with a unique form of clubroot resistance.

QUICK FACTS

Yield Rating ²	100%
Blackleg Rating	R
Major Gene ID	RLM3 and RLM4
Clubroot Rating	R
Straight Cut Ability	No
Maturity	Mid

NEW DKTF 98 CR



Concerned about clubroot? Then this is the hybrid for you. The latest high performing multi-genetic clubroot resistant hybrid from DEKALB.

QUICK FACTS

Yield Rating ³	104.4%
Blackleg Rating	R
Major Gene ID	RLM1 or LEPR3 and RLM3
Clubroot Rating	R
Straight Cut Ability	No
Maturity ⁴	-0.2 days

¹Yield % of L252

²100% of L241C

³Yield compared to 75-42CR (n=5, 2018 Bayer Market Development Trials)

⁴Maturity relative to 74-44 BL

Roundup Ready

Swath Hybrids

TruFlex™
CANOLA with Roundup Ready® Technology

Roundup Ready®
CANOLA

DKTF 94 CR



The first DEKALB TruFlex clubroot resistant hybrid from the Canadian focused breeding program.

QUICK FACTS

Yield Rating ¹	103.3%
Blackleg Rating	R
Major Gene ID	RLM3
Clubroot Rating	R
Straight Cut Ability	Yes
Maturity ²	+0.2 days

74-44 BL



A consistent performer with enhanced multigenic blackleg resistance.

QUICK FACTS

Yield Rating ³	109%
Blackleg Rating	R
Major Gene ID	RLM1 or LEPR3, RLM3 and RLMS
Clubroot Rating	–
Straight Cut Ability	No
Maturity	–

¹Yield compared to 75-42CR (n=5, 2018 Bayer Market Development Trials)

²Maturity relative to 74-44 BL

³Yield compared to 45S54 (n=11, 2013-2017 Bayer Field Data across western Canada)

Roundup Ready

Swath Hybrids



75-42 CR



Outstanding yield potential, excellent disease package and an early maturity advantage.

QUICK FACTS

Yield Rating ¹	98.77%
Blackleg Rating	R
Major Gene ID	RLM1 or LEPR3 and RLM3
Clubroot Rating	R
Straight Cut Ability	No
Maturity	–

75-45 RR



Seed first and you can be first in your field at harvest.

QUICK FACTS

Yield Rating ¹	99.39%
Blackleg Rating	R
Major Gene ID	RLM3 and RLMS
Clubroot Rating	–
Straight Cut Ability	No
Maturity	–

¹ Yield compared to 74-44BL (n=745, Bayer Marketing Development Trial)

Clearfield

Straight Cut Hybrids



5545 CL



Superior Yield Performance, Easy to Harvest and Marketing Flexibility

- Averaging 100% of checks in two years of co-op trials
- Multiple major-gene blackleg resistance
- Can be marketed under the Clearfield® premium programs offered through Viterra and Bunge
- Ideal for direct harvest

QUICK FACTS

Yield Rating ¹	101%
Blackleg Rating	R
Major Gene ID	RLM3 + RLM4
Clubroot Rating	–
Straight Cut Ability	Yes
Maturity ¹	+1.9 days

Swath Hybrids

NEW BY 5105CL



Clubroot Protection – A Clearfield First

- Industry-leading clubroot protection, blackleg resistant
- A new level of performance for the Clearfield segment
- Can be marketed under the Clearfield premium programs offered through Viterra and Bunge

QUICK FACTS

Yield Rating ¹	101%
Blackleg Rating	R
Major Gene ID	RLM3
Clubroot Rating	R
Straight Cut Ability	No
Maturity ¹	+1.5 days

¹Yield and maturity ratings based on relative to check performance in available co-op, CPT and private trials

Clearfield

Swath Hybrids



CS2500 CL



Excellent yield potential with crush premiums available.

QUICK FACTS

Yield Rating ¹	100%
Blackleg Rating	R
Major Gene ID	RLM3
Clubroot Rating	S
Straight Cut Ability	No
Maturity	Mid

CS2200 CL



Clearfield value option with multigenic blackleg resistance and crush premiums available.

QUICK FACTS

Yield Rating ²	100.2%
Blackleg Rating	R
Major Gene ID	RLM1 or LEPR3 and RLM3
Clubroot Rating	S
Straight Cut Ability	No
Maturity	Mid/Full

¹Yield % of 74-44BL

²Yield % of 5525CL

Clubroot Management

OVERVIEW

Clubroot is a serious soil-borne disease of cruciferous plants, such as canola. In canola, it causes swellings or galls to form on the roots, which can ultimately cause premature death of the plant. It is caused by a fungus-like protist called *Plasmodiophora brassicae*. Currently, there are no economical control measures that can remove this pathogen from a field once it has become infested. However, it is possible to curtail the spread of the pathogen and reduce the incidence and severity of the disease. Management of infested fields through the combination of minimizing the risk of soil movement and using a sanitation plan, diligently scouting and record keeping, controlling host weeds and volunteer canola, utilizing clubroot-resistant varieties (and properly rotating resistance genes), prevention of soil movement and sanitation, practicing an effective crop rotation, and using patch management techniques for infested areas are the most effective methods of controlling this disease.

Since clubroot has continued to increase in severity in Alberta, particularly in the Edmonton area, and has spread to the other Prairie Provinces, it has become a key disease for the canola industry. Preventing the spread of clubroot spores through contaminated soil movement is critical to managing this disease.

PREVENTION AND MANAGEMENT STRATEGIES

1. **Prevent the movement of soil that could contain spores.** The pathogen has several stages in its lifecycle including hardy resting spores, which are released into the soil from infected plant root material, and due to their tiny size, can easily move with soil particles. Therefore, minimizing the risk of soil movement is critical to preventing the introduction of clubroot to a new area (e.g., a new field or farm). Any individual who comes into contact with agricultural soil should consider the risks of moving *P. brassicae*. As an added benefit, equipment sanitation will also help reduce the spread of other diseases, weeds and insects.
2. **Plant clubroot-resistant varieties** on fields with no history of this disease when clubroot is in your community. Although this won't prevent clubroot from arriving to your field, this strategy relies on the genetic resistance to greatly reduce disease development/establishment compared to susceptible varieties if clubroot is inadvertently introduced to the field.
3. **Choose direct seeding and other soil conservation practices** to reduce erosion. Resting spores move readily in soil transported by wind or water erosion and overland flow.
4. **Utilize crop rotations.** Rotating canola with other crops is a valuable tool that can prevent clubroot resting spores from multiplying quickly once they are in a field (but rotations will not prevent clubroot spores from arriving at a new field or new location). A minimum of a two-year break between clubroot host crops (assuming no clubroot host plants are present) is needed to help reduce clubroot spore levels in soil. Again, longer breaks between susceptible hosts (crops and weeds) will not prevent clubroot from arriving at a field or new location, and it will not prevent this pathogen from being spread around a field or being moved to subsequent fields, but it will allow clubroot spores to break down more thoroughly before another host is grown.

Clubroot Management

CLUBROOT PATHOTYPES

A base (R) resistance label requires that the variety is resistant to the predominant clubroot strains or pathotypes in western Canada. Additional ratings can be appended to the base (R) label to describe resistance to specific uncommon or new pathotypes.

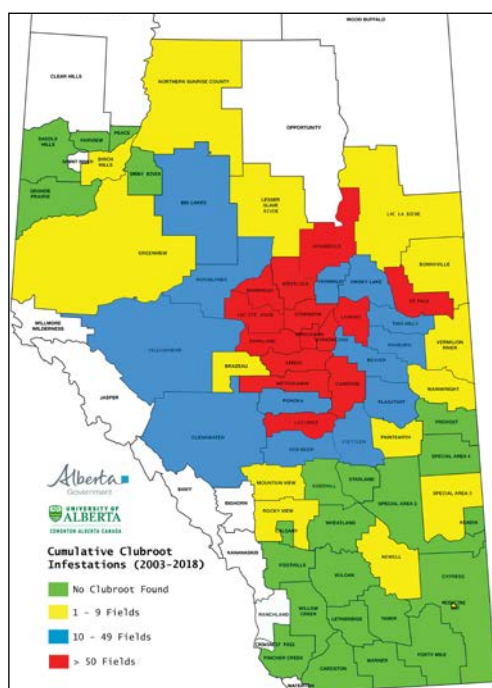
As clubroot populations in infested fields become more diverse over time, and more CR resistance genes are bred into canola varieties, the usefulness of rotating CR varieties with different resistance will increase. Currently there are no tests commercially available for growers to distinguish or detect new virulent strains in their infested fields, but genetic markers (which will become another management tool) are being worked on for quick identification of these pathotypes.

Clubroot-resistant varieties available through Parrish & Heimbecker:

BrettYoung	Pioneer/ Brevant (Corteva)	Canterra	DEKALB (Bayer)	Invigor (BASF)
BY 6204TF	B3010M	CS2000	DKTF 98 CR	L345PC
BY 6207TF	D3155C	CS2600 CR-T	DKTF 94 CR	LR344PC
6074 RR			75-42 CR	L234PC
6076 CR				L255PC
6090 RR				L352C
4187 RR				L241C
BY 5105CL				

CLUBROOT ACROSS THE PRAIRIES

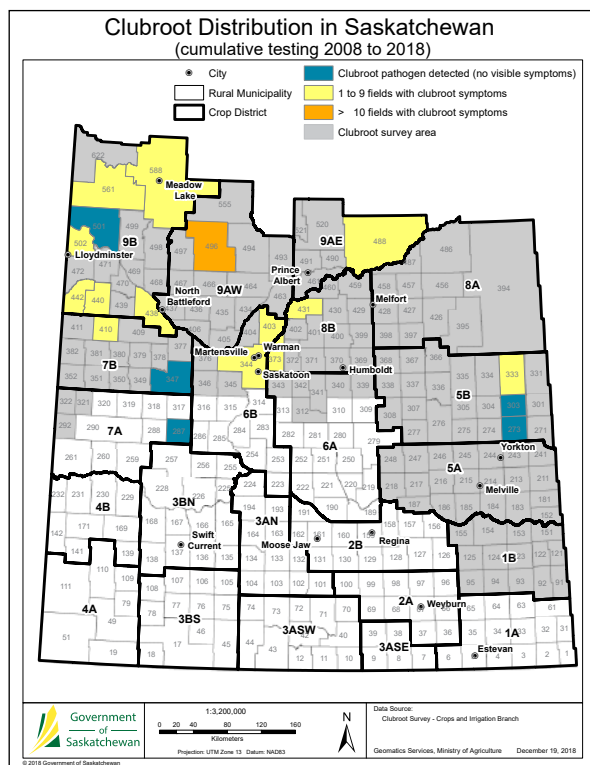
Alberta



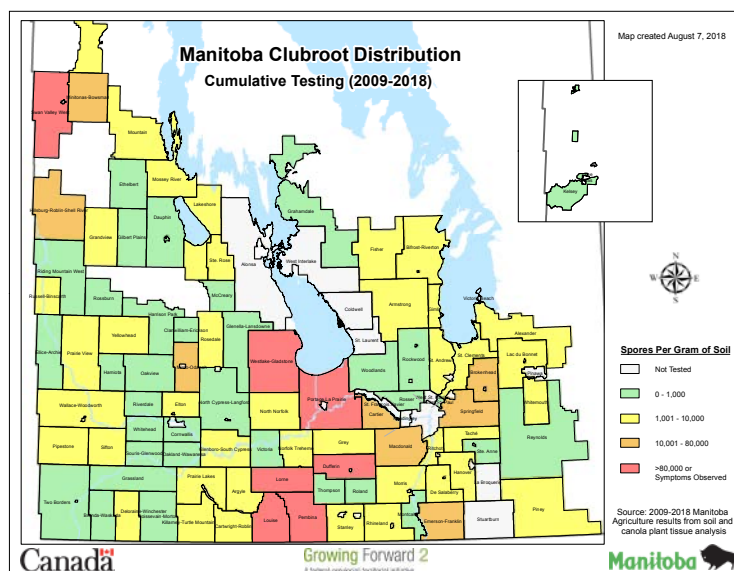
Clubroot Management

CLUBROOT ACROSS THE PRAIRIES

Saskatchewan



Manitoba





CORN

GRAIN CORN
SILAGE CORN











34
38



Grain Corn

Hybrid	Trait	Description	CHU	DTM	Dual Purpose	
A3993G2 RIB	VT2P	Very early hybrid that features early flower, superb grain quality and rapid drydown.	2025	72		
DKC23-17RIB	VT2P	This early flowering, early maturing Silage Ready™ hybrid brings improved yield potential to its maturity zone. It has very good harvest appearance and agronomics with fast drydown and excellent test weight. It is a quality silage option in low heat unit areas.	2075	73	●	
DKC23-21	RR2	This hybrid brings improved yield potential to its maturity zone. It has very good harvest appearance and agronomics with fast drydown and excellent test weight. Plant to target 36,000-38,000 plants per acre on highly productive ground.	2075	73		
PS 2262RR	RR2	With very good emergence, seedling vigour and rapid drydown, this medium to tall plant is an excellent dual purpose option.	2100	75	●	
A4414RR	RR2	A consistent multi-purpose grain, silage and grazing hybrid with very strong stalks and root strength. Visually attractive with fixed ear type. Keep progressive populations to maximize yield.	2150	76	●	
A4199G2 RIB	VT2P	Early hybrid with rapid emergence, aggressive seedling vigour, early flower and finish.	2150	75		
DKC26-40RIB	VT2P	This hybrid is equipped with a strong disease package and excellent emergence, test weight and late season appearance. Its fast drydown helps put this hybrid on the early side of its relative maturity.	2150	76	●	
PS 2210VT2P RIB	VT2P	Outstanding yield potential for an early maturing corn. With a tall plant height this hybrid can be used for both silage and grain production.	2125	75	●	
DKC27-55RIB	VT2P	This hybrid has excellent early season vigour and excellent harvest appearance. While it flowers late, it will dry down to favour high test weight. Plant to target 36,000-38,000 plants per acre on highly productive ground.	2200	77	●	
PS 2320RR	RR2	Early flowering, flint type kernel. With a tall plant type and slow drydown this is an excellent choice for high-yielding, high quality silage.	2200	76	●	
PS 2321VT2P	VT2P	The RIB complete version of the PS 2320RR with above ground insect protection.	2225	77	●	

Grain Corn

Hybrid	Trait	Description	CHU	DTM	Dual Purpose	
PS 2332	Conv.	Conventional version of PS 2333RR. Impressive yield performance for early maturing hybrid. Flowers and black layers exceptionally early.	2250	77		
A4514RR	RR2	A high performance Roundup Ready dual purpose grain and silage hybrid with excellent yield performance potential with fast drydown. Fast stand establishment and very good seedling vigour makes it a good choice for early planting.	2275	78	●	
NEW DKC29-88	RR2	A new addition to the DEKALB lineup for 2020, this hybrid has excellent drydown and harvest appearance. It has late flowering timing for maturity but dries down very quickly.	2275	79		
DKC29-89RIB	VT2P	This hybrid has excellent drydown and harvest appearance with excellent root and stalk strength. It has late flowering timing for its maturity but dries down very quickly.	2275	79		
PS 2333RR	RR2	Early flowering, flint type hybrid, with excellent stalk strength and test weights.	2275	77		
A4646G2 RIB	VT2P	Outstanding grain quality and test weight.	2300	79		
DKC30-19RIB	VT2P	This hybrid is equipped with a strong disease package and excellent early emergence and very good seedling vigour. It has high test weight that holds quality well, and has good fall plant health.	2300	80		
PS 2420RR	RR2	PS 2420RR is a very tall plant with a flint type kernel. This hybrid has excellent silage potential.	2300	78	●	
DKC30-07RIB	VT2P	This Silage Ready(TM) hybrid has excellent plant health for quality silage and grain. It has excellent harvest appearance and top end yield potential.	2350	80	●	
PS 2444VT2P RIB	VT2P	Early flowering dual purpose hybrid. Medium height with high yields.	2350	79	●	
PS 2563GSX RIB	SS	This tall, dual purpose hybrid has a great silage potential. Excellent stalk and root strength; with good staygreen and fall intactness.	2400	82	●	
A4939G2 RIB	VT2P	Very high performance dual purpose grain and silage hybrid with a consistent girthy, semi-flex ear style.	2400	81	●	


RR2 = Roundup Ready Corn 2

SS = SmartStax® RIB Complete® Technology





VT2P = VT Double PRO® RIB Complete Technology

GENVT3P = VT Triple PRO® RIB Complete Technology

Grain Corn

Hybrid	Trait	Description	CHU	DTM	Dual Purpose	
DKC33-78RIB	VT2P	This hybrid has solid agronomics and excellent stalks and standability with top end yield potential. It has excellent emergence and early season growth with very good staygreen and late season plant health. It has excellent test weight and drydown and performs well across all soil types and yield environments tested.	2400	83		
A5092	Conv.	Good kernel quality with high test weight. Excellent conventional choice with strong agronomics.	2450	81		
DKC32-12RIB	VT2P	This Silage Ready hybrid is a great dual purpose hybrid with excellent drydown, yield potential and test weight. It has excellent emergence, seedling vigour and drought tolerance. It has very good tolerance to Goss's wilt and good plant health for quality silage and grain.	2450	82	●	
PS 2552RR	RR2	Excellent late season staygreen and intactness. Medium tall plant height and top end yield potential.	2475	83	●	
DKC35-88RIB	VT2P	This hybrid has very good stalks and excellent roots with excellent yield potential in all soil types and yield environments. It flowers and dries down true to its relative maturity.	2550	85		
A5225G2 RIB	VT2P	Consistent yield potential and strong agronomics.	2575	84		
DKC34-57RIB	VT2P	This Silage Ready hybrid has excellent silage and feed value with high yield potential. It has excellent stature for a silage product and has strong performance in all yield environments. It performs best on loamy soils.	2575	84	●	
DKC37-93RIB	VT2P	This hybrid has great top end yield potential with good stress tolerance. It has excellent grain quality and quick drydown as well as excellent seedling vigour. It performs well on rotated ground across all soil types.	2625	87		
A5430	Conv.	Conventional hybrid with proven performance with strong yield potential. Great drought and stress tolerance. Flexible as a dual purpose usage hybrid. Early flowering with very strong late season intactness and stalk strength.	2625	85		
A5432G2 RIB	VT2P	Full season hybrid that flowers early; excellent drought and stress tolerance.	2650	86		

Grain Corn

Hybrid	Trait	Description	CHU	DTM	Dual Purpose	
DKC37-85RIB	SS	This very stress tolerant hybrid is stable across all yield environments. It has excellent emergence and early season growth for early planting. It has girthy ears with open husks for fast drydown and performs well across all soil types.	2650	87		
DKC38-55RIB	VT2P	This medium to tall statured hybrid flowers early for its relative maturity. It performs best on loamy soils and at medium to high populations.	2650	88		
DKC38-01	RR2	This versatile hybrid has excellent emergence and very good season growth. It has early flowering timing with fast harvest drydown and girthy cobs. It has consistent performance on all soil types and yield environments. Keep at medium populations for best results.	2675	88		
DKC38-03RIB	VT2P	This versatile Silage Ready hybrid has excellent emergence and very good season growth. It has early flowering timing with fast harvest drydown. It has excellent stalks and very good roots with good tolerance to Goss's wilt. It has consistent performance on all soil types and yield environments. Keep at medium populations for best results.	2675	88	●	







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Silage Corn

Hybrid	Trait	Description	CHU Grain Corn	CHU Silage Corn	
DKC23-17RIB	VT2P	This early flowering, early maturing Silage Ready hybrid brings improved yield potential to maturity zone. It has very good harvest appearance and agronomics with fast drydown and excellent test weight. It is a quality silage option in low heat unit areas.	2075	1800-2000	
PS 2262RR	RR2	With very good emergence, seedling vigour and rapid drydown, this medium to tall plant is an excellent dual purpose option.	2075		
DKC26-40RIB	VT2P	This hybrid is equipped with a strong disease package and excellent emergence, test weight and late season appearance. Its fast drydown helps put this hybrid on the early side of its relative maturity.	2150	1900-2100	
A4414RR	RR2	Features dual purpose characteristics and combines early maturity with very good digestibility for high energy yield. Outstanding emergence, standability and health and long lasting staygreen. Early grain maturity ensuring a high starch content and an early harvest.	2150	2050-2175	
AS1017RR EDF	RR2	An early silage, high moisture corn offering opportunity in shorter season growing areas.	2150	2050-2250	
PS 2210VT2P RIB	VT2P	Outstanding yield potential for an early maturing corn. With a tall plant height this hybrid can be used for both silage and grain production.	2175		
PS 2320RR	RR2	Early flowering, flint type kernel. With a tall plant type and slow drydown this is an excellent choice for high-yielding, high quality silage.	2200		
PS 2420RR	RR2	PS 2420RR is a very tall plant with a flint type kernel. This hybrid has excellent silage potential.	2300		
DKC30-07RIB	VT2P	This medium to tall Silage Ready hybrid has excellent harvest appearance with top end yield potential. It has excellent root and stalk strength and good tolerance to Goss's wilt. It has good plant health for quality silage and grain and very good test weight.	2350	2100-2275	
PS 2444VT2P RIB	VT2P	Early flowering dual purpose hybrid. Medium height with high yields.	2350		

Silage Corn

Hybrid	Trait	Description	CHU Grain Corn	CHU Silage Corn	
DKC32-12RIB	VT2P	This Silage Ready hybrid is a great dual purpose hybrid with excellent drydown, yield potential and test weight. It has excellent emergence, seedling vigour and drought tolerance. It has very good tolerance to Goss's wilt and good plant health for quality silage and grain.	2450	2150-2350	
A4477HM	Conv	A conventional silage, high moisture hybrid that features reliable feed quality and early flowering.	2200	2175-2250	
A4514RR	RR2	A NEW dual purpose grain and silage Roundup Ready hybrid ideally suited for 2225 CHU regions. It combines very good digestibility and high starch content for high energy yield. Strong emergence, standability and health. Early grain maturity ensures a high starch content and an early harvest	2275	2200-2325	
A4646G2 RIB	VT2PRIB	A dual purpose grain and silage hybrid ideally suited for 2250 CHU regions. It combines very good digestibility and high starch content for high energy yield. Strong emergence, standability and health. Early grain maturity ensures a high starch content and an early harvest.	2300	2225-2350	
A4705HMRR	RR2	Benchmark product for the silage, grazing and high moisture corn growers.	2225	2225-2350	
A4939G2 RIB	VT2P	Very high performance dual purpose grain and silage hybrid with a consistent girthy, semi-flex ear style.	2400	2250-2350	
AS1037RR EDF	RR2	High moisture corn and silage feed providing excellent yield and energy content.	2450	2275-2450	
AS1027RR EDF	RR2	A NEW introductory choice for high moisture corn or silage feed. It is a very tall plant with consistent ears that produces flint kernels on white cob. Excellent silage characteristics, yield and energy content. Slow grain and plant-drying rate preserves reliable and consistent feed quality at ideal moisture content. An excellent choice for beef feedlot farmers. Additional staygreen nature for a wider harvest window.		2275-2450	









RR2 = Roundup Ready Corn 2

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VT2P = VT Double PRO® RIB Complete Technology

GENVT3P = VT Triple PRO® RIB Complete Technology

Silage Corn

Hybrid	Trait	Description	CHU Grain Corn	CHU Silage Corn	
AS1047RR EDF	RR2	Premium choice for high moisture corn or silage feed. Mass type, high volume plant. Big, tall plant with girthy ears that produces flint kernels on white cob.		275-2475	
DKC34-57RIB	VT2P	This Silage Ready hybrid has excellent silage and feed value with high yield potential. It has excellent stature for a silage product and has strong performance in all yield environments. It performs best on loamy soils.	2575	2300-2500	
A5432G2 RIB	VT2P	Full season hybrid that flowers early; excellent drought and stress tolerance.	2650	2425-2575	
DKC38-55RIB	VT2P	This medium to tall statured hybrid flowers early for its relative maturity. It performs best on loamy soils and at medium to high populations.	2650	2425-2600	
PS ExLeafy RR	RR2	PS ExLeafy RR is a very robust, tall plant. It has excellent seedling vigour and early season growth. This hybrid has very high silage potential.	2600		
PS ExSeed LF RR	RR2	The early, leafy-floury hybrid is very tall with white cobs. This hybrid has excellent silage potential with better digestible starches.		2450	
PS ExTreme RR	RR2	This very tall, very leafy hybrid has excellent early season vigour. It has white cobs with a high silage potential with better digestible starches.		2575	
PS ExPand LF RR	RR2	Very tall, very leafy silage specific hybrid; excellent seeding vigour and early season growth; very large cobs for high silage yields; very good stalk strength and root strength.		2625	

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GENVT3P = VT Triple PRO® RIB Complete Technology









SOYBEANS



SOYBEANS










Variety	Trait	CHU	RM	Description	Plant Height	
NEW Amirani R2	RR2Y	2150	000.5	Ultra-early maturity and great yield. This hybrid has an extremely early maturity and excellent spring vigour with a very high first pod.	Tall	
Nocoma R2	RR2Y	2250	000.8	The early maturity pod height leader. Selected for its earlier maturity and great yield potential. Highly photosensitive which means this variety matures earlier when planted at higher latitudes.	Medium	
LS TRI9R2Y	RR2Y	2275	0.009	An ultra-early maturity with medium plant height and upright to semi-bush plant structure. High yielding for maturity group and good for narrow rows.	Medium	
S0009-M2	RR2Y	2275	0.009	High yield potential with one of our earliest varieties. Maintains medium plant height across variable environments. Dependable Phytophthora root rot field tolerance with Rps6 gene. Superb iron deficiency chlorosis tolerance and Sclerotinia white mould resistance.	Medium	
Notus R2	RR2Y	2300	00.1	Higher yields with early maturity. Excellent yield potential with early maturity, consistent across all soil types.	Medium/ Short	
Karpo R2	RR2Y	2350	00.2	Exceptional performance and early maturity. Very good yield potential for an early soybean. It has solid roots and good IDC scores.	Tall	
23-60RY	RR2Y	2350	00.2	This very tall, bushy variety has excellent emergence and early seedling vigour. It is well suited to clay soils but performs well on all soil types tested and has good yield performance over a number of years (2013–2017 Bayer Field Trials in western Canada).	Tall	
S006-W5	RR2Y	2350	0.05	Exciting top-end yields. Unique Rps gene stack for superior Phytophthora protection. Solid standability and well suited for highly productive soils.	Medium	
S007-Y4	RR2Y	2350	0.05	Standard for yield with broad adaptation with very good iron deficiency chlorosis tolerance. Strong Phytophthora root rot field tolerance with the Rps1c gene. Strong emergence with dependable Sclerotinia white mould resistance.	Medium/ Short	
Akras R2	RR2Y	2375	00.3	The standard in pod height. Exceptional combination of yield, maturity and dependable performance. Widely adapted to provide high yield potential throughout early and mid-season maturity zones.	Medium	

SOYBEANS

Variety	Trait	CHU	RM	Description	Plant Height	
LS Solaire	RR2Y	2375	0.02	An early maturing, medium-tall plant with semi-bushy plant structure. High yield potential for early maturity. Great standability and lodging score.	Medium/Tall	
LS 003R24N	RR2Y	2400	0.03	An early to mid maturity, tall plant. With a bushy structure. Excellent vigour out of the ground and high yield potential.	Tall	
24-10RY	RR2Y	2425	00.5	This variety has excellent standability as well as excellent tolerance to white mould. It is a consistent variety that performs well in a range of yield environments.	Medium/Tall	
LS Mistral	RR2Y	2425	0.05	Mid-season maturity, medium to tall plant with a bushy structure. Great vigour out of the ground and outstanding white mould tolerance.	Medium/Tall	
LS Eclipse	RR2Y	2450	0.05	Mid- to full-season maturing, tall plant with bushy structure. Exceptional standability and lodging score and very high yield potential.	Tall	
Pro 2525R2	RR2Y	2475	0.06	A full-season maturity, tall plant with semi-bush plant structure with exceptional standability and outstanding yield potential. Great vigour out of the ground.	Tall	
25-10RY	RR2Y	2500	00.8	This is a consistent variety with excellent yield potential that performs well in a range of yield environments. This tall plant has excellent standability, emergence and seedling vigour. It performs well on all soil types and yield environments.	Tall	
DKB0005-44	RR2X	2175	000.5	The earliest soybean variety from the DEKALB brand. This new ultra-early variety has excellent white mould tolerance, and very good field tolerance to Phytophthora root rot and brown stem rot. It is branchy with medium height and has excellent standability.	Medium	
LS TRI7XT	RR2X	2225	0.007	An ultra-early maturity with medium plant height and upright to semi-bush plant structure. High yielding for maturity group and good for narrow rows.	Medium	
S0007-B7X	RR2X	2225	0.007	Solid agronomics in our earliest soybean variety yet. Strong tolerance to sclerotinia white mould combined with strong emergence allows for early planting. Rps1c gene with outstanding tolerance to Phytophthora root rot.	Medium/Short	










RR2Y = Roundup Ready 2 Yield Technology
RR2X = Roundup Ready 2 Xtend Technology

SOYBEANS

Variety	Trait	CHU	RM	Description	Plant Height	
NEW LS TRI8XT	RR2X	2250	0.008	An ultra-early maturity with medium plant height and semi-bush plant structure. Good field tolerance to Phytophthora root rot.	Medium	
DKB0009-89	RR2X	2275	000.9	This ultra-early variety has a good defensive disease package, including resistance to soybean cyst nematode, very good field tolerance to Phytophthora root rot and excellent tolerance to white mould. It is a bushy plant that branches well and has excellent standability.	Medium	
NEW LS 001XT	RR2X	2325	0.01	An ultra-early maturity with medium plant height and semi-bush plant structure. Good field tolerance to Phytophthora root rot.	Medium/ Tall	
NEW S003-Z4X*	RR2X	2325	0.03	Consistent performance with top-end yield potential. Excellent standability and tolerance to sclerotinia white mould. Broadly adapted across a wide range of soil types. Contains Rps1c Phytophthora root rot gene.	Medium	
NEW RX Cedo	RR2X	2375	00.3	New early variety with flexibility of Roundup Ready 2 Xtend® cropping system. Tall, aggressive plant type with excellent white mould tolerance. Impressive standability, well suited to all soil types.	Tall	
Sunna R2X	RR2X	2375	00.3	Impressive Roundup Ready 2 Xtend variety with great size and shape. This tall, bushy variety is a good choice for heavier soils and wider rows. Good early season vigour.	Tall	
DKB003-29	RR2X	2375	00.3	A medium to tall, branchy variety with excellent tolerance to white mould and resistance to soybean cyst nematode. It has very good field tolerance to iron chlorosis and is well suited to tough, low productivity growing conditions as well as high yield environments.	Medium/ Tall	
S006-M4X	RR2X	2375	0.06	Proven genetics in an Xtend trait platform. Consistent performance across yield environments with excellent standability with strong tolerance to sclerotinia white mould. Rps1c gene with above average tolerance to Phytophthora root rot.	Medium	
Mani R2X	RR2X	2425	00.4	Bushier plant well suited for row crop application. Combines proven yield potential of Roundup Ready 2 Yield® soybean trait with tolerance to dicamba and glyphosate. A good fit for all soil zones and row spacings with superior white mould tolerance and SCN resistance.	Medium	

* Patent Pending

SOYBEANS

Variety	Trait	CHU	RM	Description	Plant Height	
DKB005-52	RR2X	2425	00.5	A medium to tall height variety with excellent standability and excellent tolerance to white mould, Phytophthora root rot and iron chlorosis. It is resistant to soybean cyst nematode (R3) and well suited to all soil types and row widths.	Medium/ Tall	
LS 004XT	RR2X	2425	0.04	Mid-season maturity, tall in height and a semi-bushy plant type. Great field tolerance to Phytophthora root rot and high yielding mid-season. Great for all row widths.	Tall	
NEW RX Acron	RR2X	2450	00.6	Aggressive new Roundup Ready 2 Xtend variety excels under tough conditions. Strong seedling vigour, aggressive early growth. This is a tall, aggressive plant type well adapted to heavier soils.	Tall	
DKB006-29	RR2X	2450	00.6	A medium to tall height, very branchy variety with excellent standability. It has excellent tolerance to white mould and iron chlorosis. It is well suited to highly productive loam soils.	Medium/ Tall	
DKB006-99	RR2X	2450	00.6	Medium height, bushy plant that branches well. It has resistance to soybean cyst nematode and very good field tolerance to Phytophthora root rot. It is best suited to wide rows and lower populations and performs well in tougher growing conditions.	Medium	
NEW Renuka R2X	RR2X	2475	00.6	New full season Roundup Ready Xtend for heavy soils. Very good Phytophthora root rot tolerance and well suited to heavy clay soils.	Medium	
LS 006XT	RR2X	2475	0.06	A full-season maturity, tall plant with semi-bush plant structure. Great emergence and recommended for all soil types.	Tall	
NEW LS 007XT	RR2X	2475	0.07	Full-season maturity, medium plant height with semi-bush plant type. Great standability. Recommended for all row widths.	Medium	
Vidar R2X	RR2X	2500	00.8	Full season Roundup Ready Xtend bean with IDC tolerance. Medium height branchy variety that stands well. This is a good choice for wider rows and has very good yield potential.	Medium	

RR2Y = Roundup Ready 2 Yield Technology
RR2X = Roundup Ready 2 Xtend Technology

P & H

Credit Programs

A number of flexible and diversified credit options are available to help you invest in your crop inputs. Select from short- or long-term programs that best fit your farm's financial plan, including credit options from:

- Farm Credit Canada Crop Input Financing
- Scotiabank Yield More Financing
- Parrish & Heimbecker Crop Input Financing

The credit programs offered through Parrish & Heimbecker can help you:

- Invest early in your crop year
- Manage unexpected expenses
- Match your grain deliveries to due dates
- Maximize your farm's cash flow

Contact P&H today to discuss the best financial fit for your farm.



P&H Retail Locations

Contact Us

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DUTTON, MB

204-548-2160

GLADSTONE, MB

204-385-2139

GLOSSOP, MB

204-365-5282

SWAN RIVER, MB

204-734-4899

TRANSCONA, MB

204-222-7171

SASKATCHEWAN

LANGBANK, SK

306-538-2079

MOOSOMIN, SK

306-435-4905

YORKTON, SK

306-782-2814

HAMLIN, SK

306-445-3812

HANOVER JCT, SK

306-948-1990

PARRISH SIDING, SK

306-946-2225

QUILL LAKE, SK

306-383-2288

TISDALE, SK

306-873-3570

WEYBURN, SK

306-842-7436

MOOSE JAW, SK

306-693-2977

ALBERTA

BASSANO, AB

403-641-2767

BOW ISLAND, AB

403-545-2748

DAKOTA, AB

780-384-2265

MARWAYNE, AB

780-847-3741

MEDICINE HAT, AB

403-526-2831

MILK RIVER, AB

403-647-3633

MOSSLEIGH, AB

403-534-3961

ST. PAUL, AB

780-645-4494

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780-336-2413

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403-485-2727

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403-381-8710

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