



**Nutrien**  
Ag Solutions®

# SEED GUIDE 2025

# GROWING WITH CONFIDENCE

No matter what type of farming operation you have, it all starts with selecting the right seed. The team of experts at your Nutrien Ag Solutions® retail is there to support you with agronomic solutions every step of the way. As a local partner invested in your unique vision of success, we want you to be confident in your choice of seed. Nutrien Ag Solutions is ready to help with one of the broadest portfolios of top-quality seed brands – including Proven® Seed canola, soybeans, corn, cereals, and forages.

## IT STARTS WITH SEED

Selecting the right seed genetics for your geography and farming style is key to achieving your production goals. By taking a whole acre approach to your seed decisions, your Nutrien Ag Solutions Crop Production Advisor (CPA) can provide insights on which seed will give you the best yield and profitability for your land.

## WHOLE-ACRE SOLUTIONS

Get the most out of your inputs with a whole acre solution from Nutrien Ag Solutions. From the largest retail network in Western Canada, you have access to the wide seed portfolio featured in this guide, as well as crop protection, crop nutrition, financial solutions, and sustainable agriculture. Our local experts have a wealth of resources from which to develop unique, personalized agronomic solutions for your acres.

## PROVEN SCIENCE

Nutrien Ag Solutions operates the largest seed variety comparison program in Western Canada. Our Proven Performance Trials feature the most varieties of the most crops over the largest geographic diversity.

Proven Seed works with hundreds of grower partners across the Prairies, putting our seed to the test in a wide variety of soil types and conditions to ensure the best performance on Proven Ground – your local soil.



**Nutrien**  
Ag Solutions®

Call or visit us today.  
We're ready to help you grow with  
confidence.

[NutrienAgSolutions.ca](https://www.nutrienag.com)



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# CANOLA



## RESISTANCE RATINGS:

R=Resistant, MR=Moderately Resistant, S=Susceptible;

## RATING SCALE:

9	=	Excellent
7-8	=	Very Good
5-6	=	Good
3-4	=	Fair
1-2	=	Poor
N/A	=	Information Not Available
RED	=	New

**Important:** Ratings are based on the average performance of a variety grown over a wide range of climate and soil types within its adapted maturity under normal growing conditions. Extreme conditions may adversely affect performance. Consult your local Nutrien Ag Solutions Representative for specific recommendations in your area. Copyright ©2024 Nutrien Ag Solutions®.

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## CLEARFIELD® Production System. PRODUCT USE

**STATEMENT.** This product contains a gene which makes it tolerant only to the imidazolinone herbicides labeled for use on canola such as BEYOND®. **WARNING:** This imidazolinone tolerance gene will only safeguard this hybrid against application of labeled imidazolinone herbicides. This imidazolinone tolerance gene will NOT safeguard this hybrid against application of other herbicide chemistries which are labeled to be used only over-the-top of crops that have a different and species crop protection gene. This imidazolinone tolerance gene will NOT provide carryover protection from SU (sulfonylurea) family of herbicides. Always read and follow herbicide label directions prior to use. **ACCIDENTAL APPLICATION OF INCOMPATIBLE HERBICIDES TO THIS HYBRID COULD RESULT IN TOTAL CROP LOSS.** THE UNIQUE CLEARFIELD SYMBOL, CLEARFIELD and Beyond are registered trademarks of BASF. Roundup Ready®, Roundup® and TruFlex™ are trademarks of Bayer Group. Clearfield® and LibertyLink® are a registered trademark of BASF. Clearfield canola technology is owned by Corteva Agriscience™. Prosper®, Evergol™ are trademarks of Bayer Group. Used under license. Helix®, Saltro®, and Vibrance® are trademarks of a Syngenta Group Company. ©2024 Syngenta.

**Important:** Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties. Please check with your local extension service to ensure registration status. Syngenta supports a FIFRA Section 2(ee) recommendation for Saltro for suppression of Red Crown Rot in AR, IL, IN, IA, KY, MO and TN. Please see the Section 2(ee) recommendation to confirm that the recommendation is applicable in your state. The Section 2(ee) recommendation for Saltro should be in the possession of the user at the time of application.

## ALWAYS READ AND FOLLOW PESTICIDE LABEL

**DIRECTIONS.** TruFlex® canola contains Roundup Ready® Technology. Roundup Ready® Technology contains genes that confer tolerance to glyphosate. Glyphosate will kill crops that are not tolerant to glyphosate. Roundup Ready® and TruFlex® are registered trademarks of Bayer Group. Used under license. Bayer CropScience Inc. is a member of CropLife Canada. ©2024 Bayer Group. All rights reserved. LibertyLink® Technology contains genes that confer tolerance to glufosinate. LibertyLink® and the Water Droplet Design are trademarks of BASF.



Brand	Variety	Trait	Herbicide Technology	Average Days to Flower	Average Days to Maturity	Height CM	Height inches
Proven	PV 661 LCM	LibertyLink®	Glufosinate	48.7	88.7	118.0	46.5
Proven	PV 680 LC	LibertyLink®	Glufosinate	51.4	90.6	120.0	47.2
Proven	PV 681 LC	LibertyLink®	Glufosinate	48.0	87.8	112.0	44.1
Proven	PV 760 TM	TruFlex®	Glyphosate	47.9	88.2	109.0	42.9
Proven	PV 761 TM	TruFlex®	Glyphosate	49.1	90.3	115.0	45.3
Proven	PV 781 TCM	TruFlex®	Glyphosate	47.5	89.3	110.0	43.3

### PV 661 LCM

CANOLA

YIELD RATING	8.5
YIELD STABILITY	8.5
CABBAGE	8.5
BLACKLEG	8.5
CLUBROOT	8.5
FUSARIUM WILT	8.5
STANDABILITY RATING	8.5

This LibertyLink® hybrid from Proven® Seed provides yield performance, harvest management and multigenic clubroot resistance. PV 661 LCM has it all, supplying an exceptional choice for all growing zones across Western Canada.

**HIGHLIGHTS**

- High yielding LibertyLink® hybrid
- Mid-maturity
- Multigenic clubroot resistance
- Harvest flexibility for delayed swathing or straight cut

### PV 680 LC

CANOLA

YIELD RATING	8.5
YIELD STABILITY	8.5
CABBAGE	8.5
BLACKLEG	8.5
CLUBROOT	8.5
FUSARIUM WILT	8.5
STANDABILITY RATING	8.5

PV 680 LC is a LibertyLink® hybrid that boasts strong resistance to blackleg and clubroot. This hybrid excels in rotations across Western Canada.

**HIGHLIGHTS**

- LibertyLink® hybrid
- Clubroot resistance
- R rating for blackleg

### PV 681 LC

CANOLA

YIELD RATING	8.5
YIELD STABILITY	8.5
CABBAGE	8.5
BLACKLEG	8.5
CLUBROOT	8.5
FUSARIUM WILT	8.5
STANDABILITY RATING	8.5

Suitable for all growing zones, PV 681 LC is an excellent choice for growers looking for an early maturing LibertyLink® hybrid.

**HIGHLIGHTS**

- LibertyLink® hybrid
- Early to mid maturity
- Clubroot resistance
- Excellent standability



Yield Description	Blackleg	Clubroot	Fusarium Wilt	Standability	Harvest Management	NTACT™	Variety
Very strong	Resistant	Multigenic clubroot resistance	Resistant	Excellent	Yes		PV 661 LCM
Strong	Resistant	Resistant	Resistant	Excellent	Yes		PV 680 LC
Strong	Resistant	Resistant	Resistant	Excellent	N/A		PV 681 LC
Strong	Resistant	N/A	Resistant	Very good	Yes		PV 760 TM
Very strong	Resistant	N/A	Resistant	Excellent	Yes		PV 761 TM
Very strong	Resistant	Multigenic clubroot resistance	Resistant	Excellent	Yes		PV 781 TCM

**PV 760 TM** CANOLA

YIELD RATING	8
YIELD STABILITY	8
CABBAGE	8
BLACKLEG	8
CLUBROOT - NA	8
FUSARIUM WILT	8
STANDABILITY RATING	7

The earliest maturing TruFlex® canola with harvest management, PV 760 TM brings a wider spray window and offers greater flexibility of herbicide application rate.

**HIGHLIGHTS**

- TruFlex® canola hybrid
- Early maturity, earliest to flower
- Harvest flexibility for delayed swathing or straight cut

**PV 761 TM** CANOLA

YIELD RATING	8
YIELD STABILITY	8
CABBAGE	8
BLACKLEG	8
CLUBROOT - NA	8
FUSARIUM WILT	8
STANDABILITY RATING	8

PV 761 TM provides growers with blackleg protection and standability while offering flexibility on herbicide rates, application windows and straight cut harvest management. This hybrid is designed to perform.

**HIGHLIGHTS**

- TruFlex® canola hybrid with flexibility in application rate and staging
- Mid-maturity
- R rating for blackleg
- Harvest flexibility for delayed swathing or straight cut

**PV 781 TCM** CANOLA

YIELD RATING	8
YIELD STABILITY	8
CABBAGE	8
BLACKLEG	8
CLUBROOT	8
FUSARIUM WILT	8
STANDABILITY RATING	8

PV 781 TCM offers exceptional performance across Western Canada. With multigenic clubroot resistance, a strong blackleg rating and excellent standability, it is an incredible choice for any acre. It is a harvest management hybrid that is suitable for straight cutting.

**HIGHLIGHTS**

- Truflex® hybrid with outstanding yield
- Early maturity
- Multigenic clubroot resistance
- Harvest flexibility for delayed swathing or straight cut





	Brand	Variety	Trait	Herbicide Technology	Average Days to Flower	Average Days to Maturity	Height CM	Height inches
<b>NEW</b>	Proven	PV 782 TCN	TruFlex®	Glyphosate	47.0	87.3	106.0	45.5
<b>NEW</b>	Proven	PV 783 TCN	TruFlex®	Glyphosate	47.6	89.7	107.0	42.1
	Proven	PV 881 OCM	Optimum® GLY	Glyphosate	48.8	89.2	115.0	45.3
	Proven	PV 280 CLC	Clearfield®	IMI	51.2	89.8	118.0	46.5

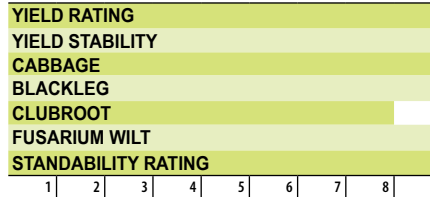
INTRODUCING  
**NTACT™**

Proven® Seed varieties with NTACT™ technology have been tried and tested in Western Canadian conditions, and have guaranteed enhanced pod integrity. Why should you choose NTACT?

- Pod integrity score of 7-10 on the Canola Council Straight Cut Scale
- Protect your yield and reduce losses
- Flexibility to delay swath or straight cut
- Longer pod fill to maximize yield

**PV 782 TCN**

**NEW**  
CANOLA



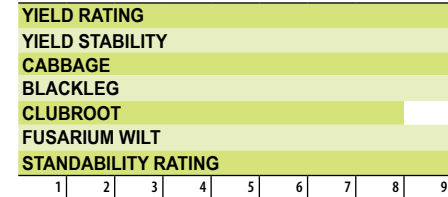
A brand new hybrid to the Proven® Seed portfolio with the innovative NTACT™ technology that allows growers increased pod shatter protection so they can straight cut with confidence. This high yielding TruFlex® variety is an excellent addition to any acre.

**HIGHLIGHTS**

- NTACT™ Technology - straight cut with confidence
- TruFlex® hybrid
- Mid maturity
- Clubroot resistance

**PV 783 TCN**

**NEW**  
CANOLA



The new PV 783 TCN brings the power of the NTACT™ technology's increased pod shatter protection coupled with the strength of TruFlex® technology for an outstanding hybrid that will excel. Whether you want a wider harvest window or to straight cut, PV 783 TCN can deliver.

**HIGHLIGHTS**

- NTACT™ Technology - straight cut with confidence
- TruFlex® hybrid
- Mid maturity
- Clubroot resistance





Yield Description	Blackleg	Clubroot	Fusarium Wilt	Standability	Harvest Management	NTACT™	Variety
Very strong	Resistant	Resistant	Resistant	Excellent		NTACT™	PV 782 TCN
Very strong	Resistant	Resistant	Resistant	Excellent		NTACT™	PV 783 TCN
Very Strong	Resistant	Multigenic clubroot resistance	Resistant	Excellent	Yes		PV 881 OCM
Very strong	Resistant	Multigenic clubroot resistance	Resistant	Excellent	N/A		PV 280 CLC

### PV 881 OCM

CANOLA

YIELD RATING  
YIELD STABILITY  
CABBAGE  
BLACKLEG  
CLUBROOT  
FUSARIUM WILT  
STANDABILITY RATING

A best in class Optimum® GLY hybrid, PV 881 OCM offers multigenic clubroot resistance. As a high-yielding harvest management hybrid, it offers growers flexibility and can be delayed swathed or straight cut.

**HIGHLIGHTS**

- Optimum® GLY canola hybrid
- Mid-maturity
- Multigenic clubroot resistance
- Harvest flexibility for delayed swathing or straight cut

### PV 280 CLC

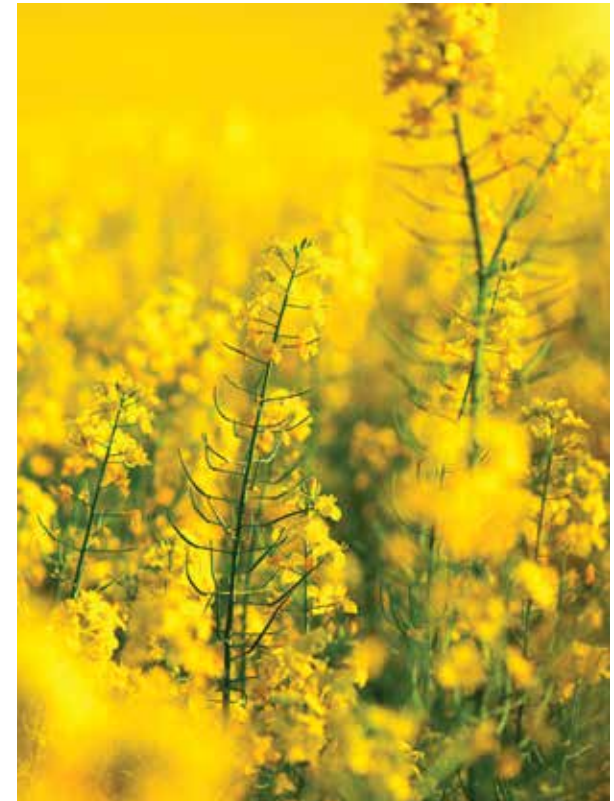
CANOLA

YIELD RATING  
YIELD STABILITY  
CABBAGE  
BLACKLEG  
CLUBROOT  
FUSARIUM WILT  
STANDABILITY RATING

An outstanding Clearfield® hybrid with multigenic clubroot resistance and blackleg resistance. PV 280 CLC offers excellent yield and profits through non-GMO contract premiums.

**HIGHLIGHTS**

- Clearfield™ hybrid
- Outstanding yield potential across all canola growing zones
- Excellent standability
- Multigenic clubroot resistance
- Eligibility for non-GMO contract incentives



# InVigor®

Brand	Hybrid	Trait	Herbicide Technology	Height
InVigor	InVigor L333PC	LibertyLink	Liberty	Medium
InVigor	InVigor L330PC	LibertyLink	Liberty	Medium
InVigor	InVigor L341PC	LibertyLink	Liberty	Medium
InVigor	InVigor L350PC	LibertyLink	Liberty	Medium
InVigor	InVigor LR354PC	LibertyLink and TruFlex	Liberty or Glyphosate	Medium
InVigor	InVigor L343PC	LibertyLink	Liberty	Medium

## InVigor L333PC



New InVigor L333PC – the earliest 300 series hybrid. It is a great fit in shorter growing zones or if you are looking to beat the heat and get rolling early. Featuring earlier maturity, high yield potential, Pod Shatter Reduction, and 1st gen. clubroot resistance.



## InVigor L330PC



Introducing InVigor L330PC an early maturing hybrid with excellent yield potential and strong standability. Coupled with our patented Pod Shatter Reduction technology, first generation clubroot resistance, and the yield potential to exceed InVigor L233P all give InVigor L330PC potential across all growing zones



## InVigor L341PC



A new early maturing 2nd gen clubroot resistant hybrid – InVigor L341PC brings high yield potential suitable for all growing zones. A great fit for Alberta growers plus for pockets in Western Canada that require a second generation clubroot resistant hybrid. InVigor L341PC contains enhanced blackleg protection and standability compared to InVigor L343PC plus patented Pod Shatter Reduction Technology.



Standability	Blackleg Rating	Clubroot	Growing Zone	Hybrid
Good	R	Resistant	ALL growing zones	InVigor L333PC
Strong	R	Resistant	ALL growing zones	InVigor L330PC
Strong	R	Resistant	ALL growing zones	InVigor L341PC
Very strong	R	Resistant	Mid to Long Growing Zones	InVigor L350PC
Very strong	R	Resistant	Mid to Long Growing Zones	InVigor LR354PC
Strong	R	Resistant	ALL growing zones	InVigor L343PC

**InVigor L350PC** CANOLA

Looking for a hybrid that thrives in the mid to long growing zones? InVigor L350PC features high yield potential, strong standability, 1st gen clubroot resistance and our patented Pod Shatter Reduction technology.



**InVigor LR354PC** CANOLA

InVigor Choice LR354PC offers you high yield potential and great standability; with the added flexibility of harnessing both the LibertyLink® technology system and TruFlex® canola with Roundup Ready® technology.



**InVigor L343PC** CANOLA

InVigor L343PC finished in the top three in 2023 Demonstration Strip Trials - giving you excellent clubroot protection and performance. It's a great fit for Alberta growers or those in pockets of Western Canada that require second generation clubroot resistance.



# InVigor®

Brand	Hybrid	Trait	Herbicide Technology	Height
InVigor	InVigor L356PC	LibertyLink	Liberty	Medium
InVigor	InVigor L340PC	LibertyLink	Liberty	Medium
InVigor	InVigor L345PC	LibertyLink	Liberty	Medium
InVigor	InVigor L233P	LibertyLink	Liberty	Medium
InVigor	InVigor L234PC	LibertyLink	Liberty	Medium

## InVigor L356PC

CANOLA

Quickly becoming a fan favorite InVigor L356PC combines patented Pod Shatter Reduction technology, first-generation clubroot resistance and strong standability, this hybrid has the potential to produce big yield numbers in mid to long growing zones.



## InVigor L340PC

CANOLA

As Canada's most grown canola hybrid over the last three years, InVigor L340PC excels across all growing zones. It has high yield potential, Pod Shatter Reduction, first-generation clubroot resistance and strong standability.



## InVigor L345PC

CANOLA

InVigor L345PC has consistently been a top performer in demonstration strip trials for the past three years. You can enhance the standability of InVigor L345PC by avoiding short rotations, fields with high volunteer canola populations, high levels of fertility or under irrigation.



Standability	Blackleg Rating	Clubroot	Growing Zone	Hybrid
Strong	R	Resistant	ALL growing zones	InVigor L356PC
Strong	R	Resistant	ALL growing zones	InVigor L340PC
Strong	R	Resistant	ALL growing zones	InVigor L345PC
Strong	R		ALL growing zones	InVigor L233P
Good	R	Resistant	ALL growing zones	InVigor L234PC

### InVigor L233P

CANOLA

InVigor L233P has been trusted on more Canadian acres than any other InVigor hybrid ever. Featuring patented Pod Shatter Reduction technology, this early-maturing, high-yielding hybrid provides the harvest flexibility you can count on.



### InVigor L234PC

CANOLA

This early-maturing Pod Shatter Reduction hybrid contains 2nd gen clubroot resistance. You can enhance the standability of InVigor L234PC by avoiding short rotations, fields with high volunteer canola populations, high levels of fertility or under irrigation. We recommend growing InVigor L234PC with 2nd gen clubroot resistance after two cycles of growing 1st gen clubroot-resistant hybrids in clubroot-affected areas or when clubroot symptoms are noticed in first generation clubroot-resistant hybrids (whichever comes first).





	Brand	Hybrid	Trait	Herbicide Technology	Average Days to Maturity
	DEKALB	DK900TF	TruFlex	Glyphosate	Mid Maturity
	DEKALB	DK901TF	TruFlex	Glyphosate	Mid Maturity
	DEKALB	DK902TF	TruFlex	Glyphosate	Ultra Early Maturity
	DEKALB	DK400TF	TruFlex LibertyLink	Glyphosate & Glufosinate	Mid Maturity
<b>NEW</b>	DEKALB	DK401TF	TruFlex LibertyLink	Glyphosate & Glufosinate	Mid Maturity

### DK900TF

CANOLA

- Combines strong performance and excellent disease protection. This high yielding hybrid offers a yield increase over DKTF 96 SC along with excellent harvestability.
- Straight cut plus hybrid with built-in trait for enhanced pod shatter protection
- Clubroot resistance to currently predominant pathotypes



### DK901TF

CANOLA

- Offers a new novel source of multi-genetic clubroot resistance within the DEKALB® hybrid lineup that provides durable protection against a broad spectrum of clubroot pathotypes including 3H, 3A, 2B and 5L
- High yield potential hybrid with straight cut genetics giving harvest flexibility to delay swathing or straight cut
- Mid-maturity, similar to DKTF 98 CR. Well suited to all clubroot zones tested.



### DK902TF

CANOLA

- An ultra early maturity hybrid with an excellent fit in short growing zones while also delivering strong yield potential
- Multi-genetic clubroot resistance hybrid that provides durable protection against a broad spectrum of clubroot pathotypes
- TruFlex® canola with Roundup Ready® Technology providing enhanced weed control and flexibility in spray timing and rates
- Ultra early maturity, similar maturity to 75-45 RR



Height (CM)	Standability	Blackleg Rating	Clubroot	Growing Zone/ Maturity	Hybrid
Medium	Very Good	R Rating	Resistant	Mid Maturity	DK900TF
Medium	Very Good	R Rating	Resistant	Mid Maturity	DK901TF
Short-Medium	Good	R Rating	Resistant	Ultra Early Maturity	DK902TF
Medium	Very Good	R Rating	Resistant	Mid Maturity	DK400TF
Medium	Very Good	R Rating	Resistant	Mid Maturity	DK401TF

### DK400TL

CANOLA

- A high yield potential DEKALB hybrid that includes both clubroot resistance and Straight Cut Plus traits
- Straight cut plus hybrid with built-in trait for enhanced pod shatter protection
- TruFlex® LibertyLink® canola is the canola trait for farmers who want to use all of the tools available to them, with the ability to adjust their canola system as needed depending on the weed spectrum in their fields
- Clubroot resistance to currently predominant pathotypes



### DK401TL

NEW  
CANOLA

- New DK401TL is the highest-yield potential DEKALB hybrid in the lineup
- Straight cut plus hybrid with built-in trait for enhanced pod shatter protection
- TruFlex® LibertyLink® canola is the canola trait for farmers who want to use all of the tools available to them, with the ability to adjust their canola system as needed depending on the weed spectrum in their fields
- Clubroot resistance to currently predominant pathotypes





	Brand	Hybrid	Trait	Herbicide Technology	Average Days to Maturity	
	NEW	DEKALB	DK800LL	LibertyLink	Glufosinate	Mid Maturity
	NEW	DEKALB	DK801LL	LibertyLink	Glufosinate	Mid Maturity

### DK800LL

NEW  
CANOLA

- Among the first in the new 800 series of DEKALB® LibertyLink® hybrid canola, which includes both clubroot resistance and straight cut plus traits, while also delivering a high yield potential
- Straight cut plus hybrid with built-in trait for enhanced pod shatter protection
- Includes the LibertyLink® trait, providing tolerance to Liberty® herbicide
- Clubroot resistance to currently predominant pathotypes



### DK801LL

NEW  
CANOLA

- Among the first in the new 800 series of DEKALB® LibertyLink® hybrid canola, which includes both clubroot resistance and straight cut plus traits, while also delivering a high yield potential
- Straight cut plus hybrid with built-in trait for enhanced pod shatter protection
- Includes the LibertyLink® trait, providing tolerance to Liberty® herbicide
- Clubroot resistance to currently predominant pathotypes





Height (CM)	Standability	Blackleg Rating	Clubroot	Growing Zone/ Maturity	Hybrid
Medium-Tall	Very Good	R Rating	Resistant	Mid Maturity	DK800LL
Medium	Very Good	R Rating	Resistant	Mid Maturity	DK801LL





	Brand	Hybrid	Trait	Herbicide Technology	Average Days to Maturity
<b>NEW</b>	Brevant	B3018N	LibertyLink®	Glufosinate	0 days - Nexera Maturity Check
	Brevant	B3017N	LibertyLink®	Glufosinate	- 0.2 days
	Brevant	1028 RR	Roundup Ready®	Glyphosate	+ 1.8 days

\*\*Maturity compared to B3018N

**B3018N** NEW CANOLA

- High yield potential
- Maturity - slightly later than B3017N – (0.2 days)
- Pod Shatter Reduction Score – 7
- New source of Clubroot Resistance CR8 –Pathotypes controlled: 2F, 3H, 5I, 6M, 8N, 2B, 3A, 3D, 8E
- Excellent early growth
- Blackleg resistant
- Preliminary Verticillium Stripe score – 4



**B3017N** CANOLA

- Excellent yield potential – and 107% increase over 1028 RR
- Produces a high-stability, healthy canola oil
- Clubroot Resistance–CR7 - 2F, 3H, 5I, 6M, 8N, 3A, 3D, 2B, 8E
- R for Blackleg
- Pod Shatter Reduction Score: 3
- Maturity - Earliest Nexera canola hybrid (slightly earlier than B3018N)
- Very good lodging resistance score, similar to Brevant® seeds B3010M
- Similar plant height to B3010M
- Good resistance against Verticillium Stripe (Score – 6)



**1028 RR** CANOLA

- Very good yield potential
- Clubroot resistance – CR1 (2F, 3H, 5I, 6M, 8N)
- R for Blackleg
- Pod Shatter Reduction Score – 5
- Very good standability and lodging resistance score
- Very good resistance against Verticillium Stripe (Score - 7)
- Full season maturity hybrid



Height	Standability	Blackleg Rating	Clubroot	Hybrid
Tall	VG	R	R	B3018N
Tall	VG	R	R	B3017N
Medium	EX	R	R	1028 RR



# CORN



#### RATING SCALE:

- 9 = Excellent
- 7-8 = Very Good
- 5-6 = Good
- 3-4 = Fair
- 1-2 = Poor
- N/A = Information Not Available

\* All information is based on comparisons with other Nutrien Ag Solutions hybrids. Environmental conditions may cause hybrids to perform differently.

GDU (Growing Degree Unit) to Black Layer - Physiological maturity/ zero milkline from planting. This can vary due to day length, temperature, fertility, date of planting, etc.

#### TECHNOLOGY:

- RR2 = Roundup Ready® Corn 2
- VT2P = VT Double PRO® Corn
- SS = SmartStax® Corn
- TRE = Trecepta®
- D = Duracade®
- DV = Duracade Viptera™
- AA = Agrisure Above®
- V = Viptera®

#### PLANT HEIGHT:

- S = Short
- M/S = Medium-Short
- M = Medium
- M/T = Medium-Tall
- T = Tall

#### EAR HEIGHT:

- L = Low
- M/L = Medium-Low
- M = Medium
- M/H = Medium-High
- H = High

#### DISEASE RATINGS:

- 8-9 = High Tolerance
- 6-7 = Tolerance
- 4-5 = Moderate Tolerance
- 1-3 = Susceptible
- N/A = Information Not Available

#### Bayer is a member of Excellence Through

**Stewardship® (ETS).** Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. These products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from these products can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for these products. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

#### ALWAYS READ AND FOLLOW PESTICIDE LABEL

**DIRECTIONS.** Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Glyphosate will kill crops that are not tolerant to glyphosate. Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready®, Roundup®, SmartStax®, Trecepta® and VT Double PRO® are registered trademarks of Bayer Group. Used under license. Agrisure Viptera® is a registered trademark of a Syngenta group company. Used under license. LibertyLink® and the LibertyLink® logo are registered trademarks of BASF. Used under license. Herculex® is a registered trademark of Dow AgroSciences LLC. Used under license. Bayer CropScience Inc. is a member of CropLife Canada.



**Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium-based herbicides.** Agrisure® Above, Duracade®, DuracadeViptera™, Viptera® and E-Z Refuge® are trademarks of a Syngenta Group Company. More information about Duracade® is available at <http://www.biotradestatus.com>.

Corn trait technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. Herculex® Technology incorporated into these seeds is commercialized under license from Corteva Agriscience LLC. HERCULEX® and the HERCULEX Shield are trademarks of Corteva Agriscience LLC.

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, post-emergent weed control of Liberty® herbicide for optimum yield and excellent weed control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF.

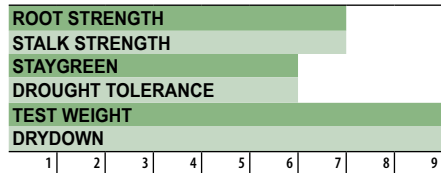


Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements including applicable refuge requirements for insect resistance management, for biotechnology traits expressed in the seed as set forth in the Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation and agreement to comply with the most recent stewardship requirements.



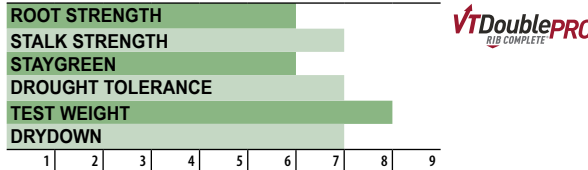
Hybrid	RM	Technology	Available RIB	CHU	GDU	Population - Low	Population - Moderate	Population - High	Planting Date - Early	Planting Date - Late	Harvest Date - Early	Harvest Date - Late	Emergence	Seedling Vigour
PV 60371RIB	71	VT2P-RIB	Yes	2025	2056	R	HR	R	R	HR	HR	N	7	7
<b>NEW</b> PV 60474RIB	<b>74</b>	<b>VT2P-RIB</b>	<b>Yes</b>	<b>2075</b>	<b>2428</b>	<b>N</b>	<b>HR</b>	<b>HR</b>	<b>HR</b>	<b>HR</b>	<b>HR</b>	<b>N</b>	<b>9</b>	<b>8</b>
PV 60273RIB	74	VT2P-RIB	Yes	2075	2080	R	HR	HR	HR	HR	HR	N	9	9
PV 61177SRR	77	RR2	No	2200	1990	R	HR	R	HR	R	HR	R	7	6
PV 61276RIB	76	VT2P-RIB	Yes	2175	2486	N	R	HR	HR	HR	HR	R	8	7
PV 61479RIB	79	VT2P-RIB	Yes	2250	2048	N	R	HR	HR	R	HR	R	7	7

**71 RM** Available RIB: Yes  
**PV 60371RIB**



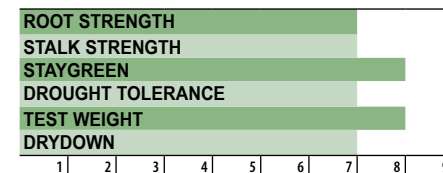
- Very good emergence and early vigour
- High test weight
- Plant at medium plant populations
- Very good standability
- Good harvest appearance with short husk to aid in drydown

**74 RM** Available RIB: No  
**PV 60474RIB**



- Tremendous yield potential with strong test weight
- Excellent emergence and early vigour
- Very good Goss's wilt tolerance
- Good heat and drought stress tolerance
- Plant at medium-high plant populations

**74 RM** Available RIB: Yes  
**PV 60273RIB**

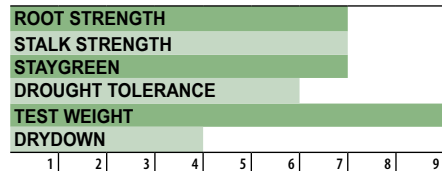


- Strong emergence and seedling vigour
- Very early to flower
- Very good stalks
- Very good test weight
- Plant at medium to medium-high plant populations



Plant Height	Ear Height	Ear Flex	Drought Tolerance	Greensnap Score	Stalk Strength	Root Strength	Test Weight	Grain Drydown	Staygreen	Husk Coverage	Dual Purpose	Silage Select™	Grey Leaf Spot	Goss's Wilt	N. Leaf Blight	Proven Seed Brand
Short-Medium	Medium	Semi-Flex	6	7	7	7	9	9	6	Adequate	Yes	No	5	5	7	PV 60371RIB
Medium	Medium	Semi-Flex	7	7	7	6	8	7	6	Adequate	Yes	No	6	7	6	PV 60474RIB
Medium	Medium	Semi-Fixed	7	7	7	7	8	7	8	Adequate	Yes	Yes	5	6	6	PV 60273RIB
Tall	Medium-High	Semi-Flex	6	7	7	7	9	4	7	Adequate	No	Yes	7	6	6	PV 61177SRR
Medium	Medium	Fixed	7	8	8	8	7	7	7	Adequate	Yes	Yes	6	7	8	PV 61276RIB
Medium	Medium	Fixed	6	7	7	7	9	8	7	Adequate	No	No	6	8	7	PV 61479RIB

**77 RM** Available RIB: No **PV 61177SRR** CORN



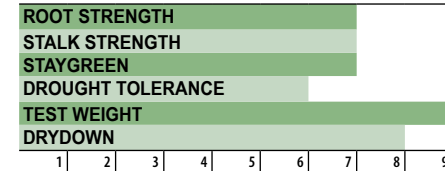
- Outstanding silage yield and quality from a silage specific hybrid
- Tall upright leaf results in excellent late season appearance
- White cob with slow dry down extending optimal silage harvest window
- Silage specific flint type kernel

**76 RM** Available RIB: Yes **PV 61276RIB** CORN



- Tremendous yield and yield stability
- Early to flower
- Strong test weight
- Excellent Goss's wilt and northern corn leaf blight scores
- Dual-purpose hybrid

**79 RM** Available RIB: Yes **PV 61479RIB** CORN



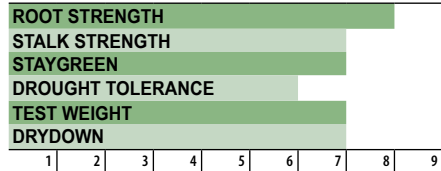
- Very good yield for maturity with very fast drydown
- Very good test weight
- Excellent Goss's wilt and northern corn leaf blight tolerance
- Best performance at medium to medium-high plant populations





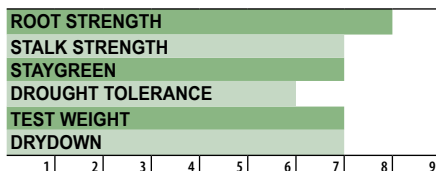
Hybrid	RM	Technology	Available RIB	CHU	GDU	Population - Low	Population - Moderate	Population - High	Planting Date - Early	Planting Date - Late	Harvest Date - Early	Harvest Date - Late	Emergence	Seedling Vigour
PV 61180RIB	80	VT2P-RIB	Yes	2275	1968	N	R	HR	HR	R	R	R	8	8
PV 62181SRR	81	RR2	Yes	2300	2015	R	HR	R	HR	R	HR	N	7	7
PV 62181SRIB	81	VT2P-RIB	Yes	2300	2015	R	HR	R	HR	R	HR	N	7	7
PV 62282RIB	82	VT2P-RIB	Yes	2400	1930	N	R	HR	HR	N	N	R	8	7
PV 62683SRR	83	RR2	No	2475	1970	HR	HR	R	HR	R	R	R	8	9
PV 62485RIB	85	VT2P-RIB	Yes	2550	2560	R	HR	R	HR	N	N	R	8	7

**80 RM** Available RIB: Yes  
**PV 61180RIB**



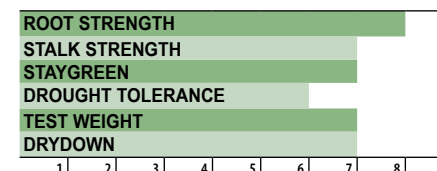
- Good looking hybrid with excellent yield
- Very good roots and stalks
- Good stress tolerance
- Dries down fast while keeping nice plant intactness and appearance at harvest
- Plant at medium to medium high plant populations

**81 RM** Available RIB: Yes  
**PV 62181SRR**



- Outstanding silage yield and quality from a silage specific hybrid
- Tall upright leaf results in excellent late season appearance
- Flowers exceptionally early for maturity
- Exhibits slow drydown due to flint kernel influence

**81 RM** Available RIB: Yes  
**PV 62181SRIB**



- Outstanding silage yield and quality from a silage specific hybrid
- Tall upright leaf results in excellent late season appearance
- Flowers exceptionally early for maturity
- Exhibits slow drydown due to flint kernel influence
- Silage specific hybrid with European corn borer protection





Plant Height	Ear Height	Ear Flex	Drought Tolerance	Greensnap Score	Stalk Strength	Root Strength	Test Weight	Grain Drydown	Staygreen	Husk Coverage	Dual Purpose	Silage Select™	Grey Leaf Spot	Goss's wilt	N. Leaf Blight	Proven Seed Brand
Medium	Medium	Fixed	6	7	7	8	7	7	7	Adequate	Yes	No	6	7	7	PV 61180RIB
Tall	Medium-High	Semi-Flex	6	6	7	8	7	7	7	Adequate	No	Yes	6	6	6	PV 62181SRR
Tall	Medium-High	Semi-Flex	6	6	7	8	7	7	7	Adequate	No	Yes	6	6	6	PV 62181SRIB
Medium-Tall	Medium	Fixed	7	9	6	7	9	4	8	Adequate	Yes	No	6	6	8	PV 62282RIB
Tall	Medium	Flex	7	7	7	7	7	7	8	Adequate	No	Yes	N/A	6	6	PV 62683SRR
Medium-Tall	Medium	Semi-Flex	7	7	7	7	7	7	8	Adequate	Yes	No	6	7	8	PV 62485RIB

**82 RM** Available RIB: Yes **CORN**

**PV 62282RIB**

ROOT STRENGTH  
 STALK STRENGTH  
 STAYGREEN  
 DROUGHT TOLERANCE  
 TEST WEIGHT  
 DRYDOWN

- Strong stable performance across a wide range of environments
- Excellent plant health and staygreen
- Excellent emergence and seedling vigour
- Excellent stalks and very good roots

**83 RM** Available RIB: No **CORN**

**PV 62683SRR**

ROOT STRENGTH  
 STALK STRENGTH  
 STAYGREEN  
 DROUGHT TOLERANCE  
 TEST WEIGHT  
 DRYDOWN

- High yielding silage specific hybrid with outstanding vigour
- Excellent emergence and early vigour
- White cob with excellent silage quality
- Tall hybrid with tremendous eye appeal
- Best at moderate populations

**85 RM** Available RIB: Yes **CORN**

**PV 62485RIB**

ROOT STRENGTH  
 STALK STRENGTH  
 STAYGREEN  
 DROUGHT TOLERANCE  
 TEST WEIGHT  
 DRYDOWN

- Strong yield performance
- Open husk facilitates rapid drydown
- Good ear flex allows for planting at lower populations
- Strong disease package with very good Goss's wilt and northern corn leaf blight scores
- Strong roots and stalks with decent staygreen





Hybrid	Technology	CHU	Relative Maturity	Flowering Timing for Maturity	Ear Type	Target Plant Population	Emergence	Seedling Vigour	Root Strength	Stalk Strength	Drought Tolerance	Plant Height	Staygreen	Drydown
DKC20-23RIB	VT2P	2050	70	Avg	Fixed	32-34	3	2	3	3	3	M	3	2
DKC21-36RIB	VT2P	2075	71	Late	Fixed	32-34	2	2	2	3	3	M	2	2
<b>NEW</b> DKC072-12RIB	VT2P	2075	72	Early	Fixed*	32-34	1	1	3	3	2	M	3	3
DKC24-06RIB	VT2P	2100	74	Late	Fixed	34-36	3	3	3	2	3	M-T	3	3
DKC26-40RIB	VT2P	2150	76	Late	Semi-Fixed	36-38	2	2	3	2	2	M-T	2	2
DKC28-25RIB	VT2P	2250	78	Avg	Semi-Fixed	32-36	3	2	3	3	2	M	3	2

**70 RM DKC20-23RIB** CORN

- Earliest hybrid in the DEKALB® lineup
- Excels in ultra-early environments throughout Canada
- Fixed ear, responds to higher planting populations
- Very good Goss's wilt tolerance
- Excellent grain quality and late season plant health
- Fast drydown and strong test weight



**71 RM DKC21-36RIB** CORN

- Excellent emergence, seedling vigour and root strength
- Very good drought tolerance
- Fixed ear, responds to higher planting populations
- Strong Goss's wilt tolerance
- Late flowering timing for maturity, but dries down very quickly
- Excellent stay green, drydown and test weight
- High starch content and high fiber digestibility
- Very good ratio between yield and Milk per Tonne test results



**72 RM DKC072-12RIB** NEW CORN

- Excellent yield potential
- Very strong emergence and seedling vigour
- Strong greensnap tolerance
- Medium plant height with a Medium-to-high ear placement



Test Weight	Harvest Appearance	Northern Corn Leaf Blight	Gray Leaf Spot	Common Rust	Goss' Wilt	Gibberella Ear Rot	Anthrachnose Stalk Rot	Silage Ready	CHU Silage Corn	Silage Yield	Milk per Tonne	Milk per Acre	Starch Content	Neutral Detergent Fibre (gNDF)	Hybrid Name
2	4	5	5	3	4	AA	3								DKC20-23RIB
2	3	2	5	2	5	AA	6	SR	1800 – 2000	2	4	2	2	2	DKC21-36RIB
2	3	5	6	3	5	AA	2								DKC072-12RIB
2	3	5	5	2	4	AA	5	SR	1825 – 2050	3	4	3	3	2	DKC24-06RIB
1	2	4	5	3	5	AA	5	SR	1925 – 2100	2	3	3	3	2	DKC26-40RIB
3	2	4	6	3	5	AA	2								DKC28-25RIB

**74 RM DKC24-06RIB** CORN

- Fixed ear, responds to higher planting populations
- Very good Goss's wilt tolerance
- Very good root strength and drought tolerance
- Excellent stalk strength
- Very good drydown and harvest appearance
- Excellent test weight
- Very good starch content and excellent fiber digestibility
- Very good ratio between yield and Milk per Tonne test results



**76 RM DKC26-40RIB** CORN

- Semi-fixed ear that can be planted at high populations for full yield potential
- Excellent agronomic characteristics, emergence and seedling vigour
- Strong disease package
- Excellent drought tolerance
- Excellent test weight
- High tonnage potential for its maturity and excellent safety profile to help manage early frost
- Very good ratio between yield and Milk per Tonne test results



**78 RM DKC28-25RIB** CORN

- Semi-fixed ear
- Strong Goss's wilt tolerance
- Good heat and drought tolerance
- Strong disease tolerance
- Very good agronomic package with solid root and stalk strength
- Fast grain drydown
- Good intactness and harvest appearance





Hybrid	Technology	CHU	Relative Maturity	Flowering Timing for Maturity	Ear Type	Target Plant Population	Emergence	Seedling Vigour	Root Strength	Stalk Strength	Drought Tolerance	Plant Height	Staygreen	Drydown
DKC29-89RIB	VT2P	2275	79	Late	Semi-Fixed	32-36	3	3	2	2	2	M-T	2	3
DKC30-63RIB	VT2P	2325	80	Avg	Semi-Fixed	32-36	2	2	3	2	3	M	4	3
DKC31-85RIB	VT2P	2425	81	Avg	Semi-Fixed	32-36	3	3	3	3	3	T	2	3
DKC32-49RIB	VT2P	2450	82	Avg	Fixed	32-36	3	3	2	3	3	M	3	3
DKC33-37RIB	VT2P	2500	83	Avg	Semi-Flex	32-36	3	3	3	3	2	M-T	3	3
DKC33-78RIB	VT2P	2400	83	Early	Semi-Flex	32-36	2	3	2	2	4	M	4	1

**79 RM DKC29-89RIB** CORN

- Semi-Fixed ear
- Late flowering timing for maturity but dries down very quickly
- Excellent drought tolerance
- Excellent root and stalk strength
- Very good harvest appearance



**80 RM DKC30-63RIB** CORN

- Trends to the earlier side of an 80 RM product
- Semi-fixed ear
- Very Good Goss's wilt tolerance
- Excellent early season vigour and emergence
- Excellent stalk strength
- Excellent test weight and fast drydown



**81 RM DKC31-85RIB** CORN

- Semi-flex ear
- Great dual purpose hybrid for grain or silage
- Very good Goss's wilt tolerance
- Very good drought tolerance
- Very good root and stalk strength
- Excellent staygreen and harvest appearance
- Very good drydown
- Matures more slowly and offers a wide harvest window
- High silage yield potential and high fibre digestibility



Test Weight	Harvest Appearance	Northern Corn Leaf Blight	Gray Leaf Spot	Common Rust	Goss' Wilt	Gibberella Ear Rot	Anthrachnose Stalk Rot	Silage Ready	CHU Silage Corn	Silage Yield	Milk per Tonne	Milk per Acre	Starch Content	Neutral Detergent Fibre (dNDF)	Hybrid Name
4	2	3	6	3	4	A	5								DKC29-89RIB
2	3	4	4	4	4	A	6								DKC30-63RIB
4	3	4	5	3	4	AA	4	SR	2125 – 2300	2	2	2	3	2	DKC31-85RIB
3	2	2	6	3	4	AA	4								DKC32-49RIB
3	3	2	5	3	4	AA	5	SR	2250 – 2425	2	3	3	3	2	DKC33-37RIB
2	3	2	5	3	4	A	5								DKC33-78RIB

**82 RM DKC32-49RIB** CORN

- Excellent yield response on highly productive soils
- Fixed ear
- Very good Goss's wilt tolerance
- Medium plant with strong stocks
- Excellent late season harvest appearance
- Very good test weight



**83 RM DKC33-37RIB** CORN

- Semi-flex ear type
- Great dual-purpose hybrid for grain or silage
- Very good Goss's wilt tolerance
- Excellent silage yield potential and fibre digestibility
- Strong drought tolerance for consistent performance
- Very good root and stalk strength for great standability
- Strong plant health with very good staygreen
- Very good drydown and harvest appearance
- Great feed value



**83 RM DKC33-78RIB** CORN

- Excellent top end yield potential
- Performs well across all soil types and yield environments tested
- Very good Goss's wilt tolerance
- Very good drought tolerance
- Solid agronomics with excellent stalk strength, standability and drydown
- Very good staygreen and late season plant health
- Excellent test weight





	Hybrid	Technology	CHU	Relative Maturity	Flowering Timing for Maturity	Ear Type	Target Plant Population	Emergence	Seedling Vigour	Root Strength	Stalk Strength	Drought Tolerance	Plant Height	Staygreen	Drydown
<b>NEW</b>	DKC084-60RIB	VT2P	2525	84	Avg	Semi-Flex*	32-36	2	2	3	3	2	M	4	2
	DKC35-29RIB	VT2P	2575	85	Avg	Semi-Fixed	32-36	3	3	3	3	3	M	2	3
	DKC35-34RIB	SS	2575	85	Avg	Fixed	32-36	4	3	2	2	2	M	3	3
	DKC36-48RIB	VT2P	2600	86	Avg	Semi-Flex	32-34	3	2	2	4	2	T	3	3
<b>NEW</b>	DKC087-08RIB	SS	2650	87	Late	Semi-Fixed*	34-36	2	2	3	3	3	M	3	3
<b>NEW</b>	DKC088-04RIB	Trecepta	2675	88	Avg	Semi-Flex*	34-36	2	2	3	3	2	T	3	3

84 RM  
**DKC084-60RIB**

**NEW**  
CORN

- Excellent yield potential
- Excellent test weight and grain drydown
- Medium statured plant that loses staygreen quickly but keeps a very good harvest appearance



85 RM  
**DKC35-29RIB**

CORN

- Semi-flexed ear
- Very good Goss's wilt tolerance
- Stable yield performance in all yield environments tested with strong test weight potential
- Excellent disease package with improved stalk strength and great late season plant health
- Excellent staygreen



85 RM  
**DKC35-34RIB**

CORN

- Fixed ear
- Very good Goss's wilt tolerance
- Performs best when planted into warm, fit, soil conditions
- Excellent below ground insect protection in corn-on-corn situations
- Strong disease tolerance to northern corn leaf blight and anthracnose stalk rot
- Very good roots and excellent late season stalk strength



Test Weight	Harvest Appearance	Northern Corn Leaf Blight	Gray Leaf Spot	Common Rust	Goss' Wilt	Gibberella Ear Rot	Anthrachnose Stalk Rot	Silage Ready	CHU Silage Corn	Silage Yield	Milk per Tonne	Milk per Acre	Starch Content	Neutral Detergent Fibre (dNDF)	Hybrid Name
2	3	5	7	3	4	A	2								DKC084-60RIB
3	4	4	6	3	4	AA	6								DKC35-29RIB
3	3	3	6	3	4	A	2								DKC35-34RIB
3	3	4	6	4	5	A	4	SR	2375 - 2525	3	2	2	2	2	DKC36-48RIB
3	3	5	6	3	4	A	2								DKC087-08RIB
3	3	4	5	3	5	A	5	SR	2425 - 2625	3	3	3	3	3	DKC088-04RIB

**86 RM DKC36-48RIB** CORN

- Excellent top end yield potential
- Semi-flex ear
- Strong Goss's wilt tolerance
- Strong early-season vigour and emergence
- Excellent drought tolerance



**87 RM DKC087-08RIB** NEW CORN

- Excellent yield potential
- Fast to emerge followed by excellent seedling vigour
- Good yield stability across years
- Performs well in the 85-90 RM zones



**88 RM DKC088-04RIB** NEW CORN

- Trecepta® RIB Complete® for Western bean cutworm control
- Excellent emergence and seedling vigour
- Tall plant height with excellent tonnage potential
- Excellent vigour and emergence make this a good fit for early planting
- Well balanced for silage yield and nutritional attributes
- Excellent drought tolerance
- Strong performance on multiple soil types





Hybrid	Relative Maturity	Crop Heat Units	RM to Silk	GDU to Silk	RM to Blacklayer	GDU to Blacklayer	Emergence	Seedling Vigour	Root Strength	Stalk Strength	Green Snap	Staygreen	Drydown	Drought
NK7837-V	78	2250	78	1150	78	1890	7	7	7	8	4	8	7	8
NK8005-V	80	2300	78	1150	77	1810	7	7	7	7	7	9	6	9
<b>NEW</b> NK8232-AA	82	2425	80	1160	82	2050	8	8	7	7	5	7	7	8
NK8204-V	82	2450	84	1210	82	2075	7	8	8	6	7	6	8	6
<b>NEW</b> NK8558-AA	85	2525	86	1220	85	2050	7	7	7	7	5	7	8	7
NK8519-DV	85	2550	86	1220	85	2140	7	8	6	7	7	7	7	8
<b>NEW</b> NK8711-V	87	2575	87	1225	86	2180	7	7	7	8	7	7	7	8
NK9023-DV	90	2625	91	1240	90	2290	7	7	6	7	7	7	7	7
NK9175-DV	91	2650	91	1240	91	2300	8	8	5	6	8	6	7	9

**78 RM  
NK7837-V**

CORN

- Broad adaptation across yield environments
- Very good emergence and vigour
- Heavy test weight with good grain quality
- Great drought tolerance for consistent yields

**80 RM  
NK8005-V**

CORN

- Superior yield combined with artesian technology
- Maximizes yield when it rains; increases yield potential when it doesn't
- Early flowering for good northern adaptation
- Heavy test weight

**82 RM  
NK8232-AA**

**NEW**  
CORN

- Exceptional Versatility on a Wide Range of Soil Types
- Best performance in high populations, supported by strong roots and stalks
- Very strong choice for medium to fine textured soil types
- Great emergence and superb vigour

**87 RM  
NK8711-V**

**NEW**  
CORN

- Broadly adapted product that provides top-end yield potential across a range of environments
- Solid roots and late-season stalks
- Consistent ear placement with nice grain quality and test weight
- Strong drought tolerance delivers dependable performance

**90 RM  
NK9023-DV**

CORN

- Outstanding yield potential in high management systems
- Excellent emergence with good seedling vigour
- Strong stalks for season-long standability
- Great yield response to increased plant population and strong soil fertility

**91 RM  
NK9175-DV**

CORN

- Top-end yield potential with broad adaptation
- Exceptional early disease package and drought tolerance
- Consistent performance brings exciting yield levels to this maturity range
- Maximum yield potential when placed in-zone and south of zone





Test Weight	Corn on Corn Response	Plant Height	Ear Height	Ear Flex (D, SD, SF, F)	Drought Prone	High pH	Highly Productive	Variable Soils	Poorly Drained	Nitrogen Response	Northern Corn Leaf Blight	Goss's Wilt	Milk/A (Lbs/A)	Beef/A (Lbs/A)	Hybrid
8	9	6	7	SF	8	8	9	8	9	7	7	6	8	7	NK7837-V
8	7	5	6	SF	9	8	8	9	8	8	5	6	8	8	NK8005-V
7	7	7	5	SD	9	7	7	9	9	8	5	6	7	2	NK8232-AA
6	7	6	6	SF	7	8	9	7	8	7	6	6	7	7	NK8204-V
7	5	7	6	SD	7	7	9	7	7	8	6	6	8	8	NK8558-AA
7	9	7	6	SF	9	7	9	9	8	9	7	6	9	9	NK8519-DV
7	7	6	6	SF	7	7	9	7	7	9	6	6	5	5	NK8711-V
7	7	8	8	SD	9	7	9	9	8	9	7	5	8	8	NK9023-DV
7	5	7	6	SD	9	7	9	9	8	8	7	6	8	8	NK9175-DV

**82 RM  
NK8204-V** CORN

- Exciting Yield Performance with Quick Drydown
- Maximum yields on highly productive soils
- Very strong roots
- Strong emergence with great early vigour

**85 RM  
NK8558-AA** **NEW** CORN

- Outstanding yield potential and versatility on a wide range of soil types
- Solid emergence and vigour allows for earlier planting
- Best performance in medium to high populations
- Good drydown will lead to northern movement

**85 RM  
NK8519-DV** CORN

- Consistent performance across environments
- Strong stalks for season-long standability
- Outstanding drought tolerance for consistent yields
- Dependable emergence with excellent seedling vigour



# SOYBEANS



**RATING SCALE:**

- 9 = Excellent
- 7-8 = Very Good
- 5-6 = Good
- 3-4 = Fair
- 1-2 = Poor
- N/A = Information Not Available

Ratings given are approximate and should not be considered as absolute. Ratings are based on Nutrien Ag Solutions® Seed conducted trials and are relative to other Nutrien Ag Solutions® Brand soybeans.

**HERBICIDE TOLERANT TRAITS:**

- RR2XT = Roundup Ready 2 Xtend®
- XTFlex = XtendFlex®

**PLANT HEIGHT:**

- M/S = Medium-Short
- M = Medium
- M/T = Medium-Tall
- T = Tall

**CANOPY TYPE:**

- T = Thin or Narrow
- MT = Moderately-Thin
- M = Moderate or Intermediate
- MB = Moderately-Bushy
- B = Bushy or Full

**FLOWER COLOUR:**

- P = Purple
- W = White

**PHYTOPHTHORA GENE RESISTANCE:**

- R** = Denotes resistance to specific Race
- HRps = Denotes Heterozygous resistance (partial resistance) to the specific gene noted
- S = Susceptible or no specific gene resistance (unshaded white cell)

**PHYTOPHTHORA FIELD TOLERANCE:**

- Score designates reaction to Phytophthora sojae Race 25 for commercial genes Rps1a, Rps1c and Rps1k
- Score designates reaction to Phytophthora sojae Race 30 for commercial gene Rps3a
- Score may also be based upon in-field observations in addition to the specific Race reaction
- Phytophthora Field Tolerance scores are important for races of Phytophthora not covered by specific genes or resistance
- Refer to chart for specific Phytophthora gene resistance

**HILUM COLOUR:**

- BL = Black
- BR = Brown
- IB = Imperfect Black
- BF = Buff
- G = Gray
- TN = Tan
- IY = Imperfect Yellow
- Y = Yellow

**PUBESCENCE:**

- G = Gray
- T = Tawny
- LT = Light Tawny

**POD COLOUR:**

- BR = Brown
- TN = Tan

**SOYBEAN CYST NEMATODE:**

- R = Resistant
- MR = Moderately Resistant
- S = Susceptible
- # = Number Denotes Race Resistance

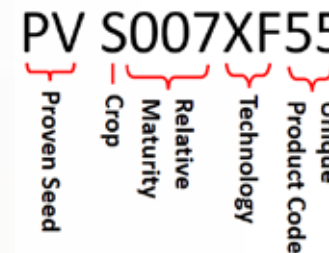
**TECHNOLOGY:**

- XT = Roundup Ready 2 Xtend®
- XF = XtendFlex®
- “S” at end = STS stack
- SU = Sulfonylurea

**PROVEN SEED SOYBEAN NUMBER SYSTEM:**

- 1st Digit = S=Soybean
- 2nd & 3rd Digit = Relative Maturity\*
- 4th & 5th Digit = Technology
- 6th Digit = Assigned Number
- 7th Digit = Last number represents year of release

\*For group 000 products, 2nd, 3rd and 4th digits represent relative maturity



**PHYTOPHTHORA ROOT ROT – RACE RESISTANCE:**

Gene	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45			
Rps1a	R	R								R	R		R	R	R	R	R	R						R		R	R				R	R				R												
Rps1c	R	R	R			R	R	R	R	R	R		R		R			R				R		R		R			R	R	R				R							R						
Rps1k	R	R	R	R	R			R	R	R	R		R	R	R	R	R	R				R		R		R										R	R						R		R	R	R	
Rps3a	R	R	R	R	R			R	R		R		R	R		R		R					R		R				R	R		R	R	R	R	R						R						

**Bayer is a member of Excellence Through Stewardship® (ETS).** Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer’s Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. These products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from these products can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for these products. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

Roundup Ready® Xtend Crop System weed control programs.

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**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.** It is a violation of federal law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with products with Roundup Ready 2 Xtend® soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED AND APPROVED FOR SUCH USES. Contact the Pest Management Regulatory Agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

**Roundup Ready® 2 Technology** contains genes that confer tolerance to glyphosate. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-888-283-6847 for recommended



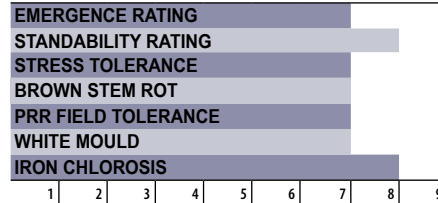


Proven Seed Brand	Technology	Herbicide Tolerance	Maturity	Emergence	Row Width – Drilled	Row Width – 15-20"	Row Width – Twin or 30"	Tillage – No Till	Tillage – Minimum	Tillage – Conventional
PV S0007X74	Xtend	DI, GLY	000.7	7	HR	HR	N	HR	HR	HR
PV S0009X84	Xtend	DI, GLY	000.9	7	HR	HR	R	HR	HR	HR
PV 22s002R2X	Xtend	DI, GLY	00.2	8	HR	HR	R	HR	HR	HR
PV S004XF13	XTFlex	DI, GLY, GLF	00.3	6	HR	HR	N	R	HR	HR



**000.7 RM  
PV S0007X74**

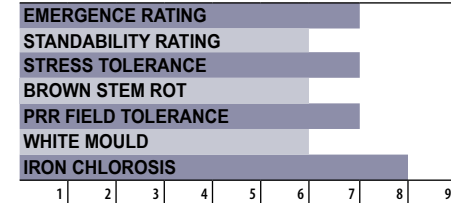
SOYBEANS



- Excellent yield for ultra early maturity Roundup Ready 2 Xtend® soybean
- Rpsc1c/a gene stack, coupled with excellent PRR field tolerance provides outstanding protection from *Phytophthora* root rot
- Strong *Sclerotinia* white mould and iron deficiency chlorosis ratings
- Very tall plant structure with upright growth habit
- Performs best on medium textured soils on narrow to mid row widths to the west of the Red River Valley and across Saskatchewan and Alberta

**000.9 RM  
PV S0009X84**

SOYBEANS

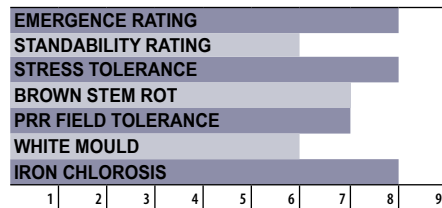


- Strong yielding product on heavier soils
- Very tall plant with excellent canopy and good standability
- Excellent iron deficiency chlorosis tolerance
- Resistant to brown stem rot
- Excellent agronomics in an ultra-early maturity, with very nice appearance and yield enhancements.



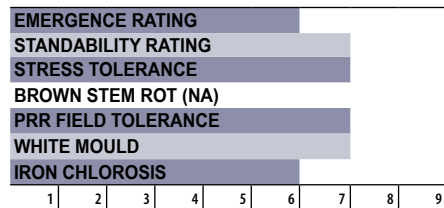
Standability	Stress Tolerance	Iron Deficiency Chlorosis	Plant Height	Canopy Type	Flower Colour	Hilum Colour	Pubescence	Pod Colour	Soybean Cyst Nematode	SCN Source of Resistance	Phytophthora Resistance	Phytophthora Field Tolerance	Sclerotinia White Mould	Brown Stem Rot	Proven Seed Brand
8	7	8	M/T	M/B	P	BR	LT	TN			Rps1c/3a	7	7	7	PV S0007X74
6	7	8	T	B	P	BL	T	BR	R	PI88788	Rps1c	7	6	6	PV S0009X84
6	8	8	T	M/B	P	BL	T	BR	R	PI88788	Het Rps1k	7	6	7	PV 22s002R2X
7	7	6	M	M/B	P	BR	LT	BR	R	PI88788	Rps1c	7	7		PV S004XF13

### 00.2 RM PV 22s002R2X



- Proven performance with strong stable yields over multiple years for the Roundup Ready® Xtend Crop System
- Tall bushy plant packs on the yield
- Excellent emergence and vigour ratings
- Strong defensive package including iron deficiency chlorosis tolerance, *Phytophthora* resistance (Het Rps1k) and *Sclerotinia* white mould resistance and *Sclerotinia* white mould scores
- Well suited to heavier soils and no/minimum-till operations

### 00.3 RM PV S004XF13



- XtendFlex® herbicide system adds glufosinate resistance to the Proven Seed Roundup Ready® Xtend Crop System
- Provides growers with tools to combat the emergence of tough to control glyphosate tolerant weeds
- Strong yield performance over multiple years
- Narrow leaf type in a medium height plant
- Very good standability, *Sclerotinia* white mould tolerance and *Phytophthora* (Rps1c)



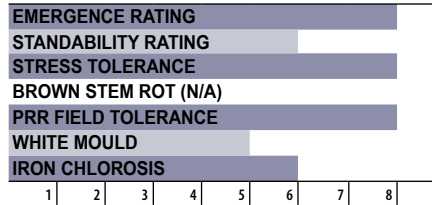


	Proven Seed Brand	Technology	Herbicide Tolerance	Maturity	Emergence	Row Width – Drilled	Row Width – 15-20"	Row Width – Twin or 30"	Tillage – No Till	Tillage – Minimum	Tillage – Conventional
	PV 16s004R2X	Xtend	DI, GLY	00.4	8	R	HR	HR	HR	HR	HR
	PV 25s005R2X	Xtend	DI, GLY	00.5	7	R	HR	R	HR	HR	HR
<b>NEW</b>	PV S007XF55	XTFlex	DI, GLY, GLF	00.7	7	R	HR	HR	R	HR	HR



### 00.4 RM PV 16s004R2X

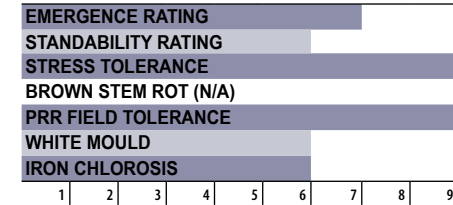
SOYBEANS



- Strong, reliable, proven performer
- Tall and bushy suitable for all row widths
- Great choice for heavier soils
- *Phytophthora* root rot and *Sclerotinia* white mould resistance a strong defensive option for reliable results under tough conditions in reduced tillage situations

### 00.5 RM PV 25s005R2X

SOYBEANS



- Outstanding yield for a mid-maturity soybean variety
- Excellent *Phytophthora* resistance (Rps1c) and field tolerance
- Medium plant stature with very good branching
- Very good stress tolerant soybean that performs in all row widths
- Excels on medium textured soils or tightly rotated fields



Standability	Stress Tolerance	Iron Deficiency Chlorosis	Plant Height	Canopy Type	Flower Colour	Hilum Colour	Pubescence	Pod Colour	Soybean Cyst Nematode	SCN Source of Resistance	Phytophthora Resistance	Phytophthora Field Tolerance	Sclerotinia White Mould	Brown Stem Rot	Proven Seed Brand
6	8	6	M/T	M/B	P	BL	T	BR	R	PI88788	Rps1c	8	5		PV 16s004R2X
6	9	6	M	M/B	P	IY	LT	TN			Rps1c	9	6		PV 25s005R2X
7	8	8	T	M/B	P	BL	T	BR	R	PI88788		7	7	7	PV S007XF55

**00.7 RM**  
**PV S007XF55**

**NEW** SOYBEANS

**XTENDFLEX** SOYBEANS

EMERGENCE RATING: 7  
 STANDABILITY RATING: 6  
 STRESS TOLERANCE: 8  
 BROWN STEM ROT (N/A): N/A  
 PRR FIELD TOLERANCE: 7  
 WHITE MOULD: 7  
 IRON CHLOROSIS: 8

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

- Huge yield potential for Red River Valley acres
- Uniform solid plant with fast canopy closure for a tall, medium bushy plant type
- Herbicide options with XtendFlex® technology
- Strong resistance for *Sclerotinia* white mould and excellent iron deficiency chlorosis tolerance
- Well suited to medium to wide row production across all soils





	DEKALB Variety	Seed Guide	Technology (Trait)	Maturity (Relative Maturity)	Heat Units (CHU)	Plant Height	Pubescence Colour	Hilum Colour	Avg. Seed Size Category
	DKB0005-03	Western	RR2X	000.5	2175	M	G	BR	M
	DKB0008-87	Western	RR2X	000.8	2275	M-T	T	BL	S
	DKB001-07	Western	RR2X	00.1	2300	T	T	BL	S
	DKB002-32	Western	RR2X	00.2	2350	M	LT	BR	M
	DKB006-80	Western	RR2X	00.6	2425	M-T	LT	BL	M
<b>NEW</b>	<b>DKB007-91XF</b>	<b>Western</b>	<b>Xtendflex</b>	<b>00.7</b>	<b>2475</b>	<b>M-T</b>	<b>T</b>	<b>BL</b>	<b>M</b>
	DKB008-48	Western	RR2X	00.8	2475	M-T	LT	BL	M

**000.5 RM  
DKB0005-03**

SOYBEANS

- Compact, medium-height variety with bushy architecture and excellent standability
- Excellent iron deficiency chlorosis tolerance



**000.8 RM  
DKB0008-87**

SOYBEANS

- Medium-to-tall in height, with bushy architecture and has very good standability
- Excellent seedling vigour and strong iron deficiency chlorosis tolerance
- Excellent fit for no-till and is best seeded in narrow rows



**00.1 RM  
DKB001-07**

SOYBEANS

- Tall variety with excellent early-season vigor
- Strong iron deficiency chlorosis tolerance and overall disease package





Standability	Emergence	Seedling Vigour	No-till Adaptability	Soil Type	PRR Field Tolerance	PRR Resistance Gene	White Mould Tolerance	Brown Stem Rot	Iron Deficiency Chlorosis	Soybean Cyst Nematode	DEKALB Variety
1	3	3	3	ALL	5	Rps1c	3	5	2	Susc.	DKB0005-03
3	3	3	2	ALL	5	Rps1c, 1k	2	5	3	R3	DKB0008-87
2	2	2	2	ALL	4	Rps1k	2	3	2	R3	DKB001-07
2	3	3	3	ALL	4	Rps1k	2	N/A	3	R3	DKB002-32
2	2	2	2	ALL	4	Rps1c	2	2	2	R3	DKB006-80
3	2	2	2	ALL	4	Rps1c	2	2	2	R3	DKB007-91XF
2	2	3	2	ALL	5	Rps1c, Rps1k	3	3	3	R3	DKB008-48

**00.2 RM DKB002-32** SOYBEANS

- Medium-height variety with excellent standability
- Strong overall disease package
- Excels in moderate-to-high fertility environments and is an excellent fit for your best fields
- Well adapted to row widths and soil types tested, and is a good fit for no-till



**00.6 RM DKB006-80** SOYBEANS

- Exceptional yield potential
- Medium-tall height with excellent standability
- Outstanding early season vigour combined with excellent agronomics and disease package
- Well suited across all soil types and row widths tested



**00.7 RM DKB007-91XF** NEW SOYBEANS

- Exceptional yield potential
- Medium-tall height with excellent standability
- Outstanding early season vigour combined with excellent agronomics and disease package
- Well suited across all soil types and row widths tested



**00.8 RM DKB008-48** SOYBEANS

- Medium-tall variety with bushy architecture
- Does well across soil types
- Grows well on heavy clay





	Brand	Product	Herbicide Technology	Relative Maturity	Heat Units	Flower Colour	Pubescence Colour	Pod Colour	Hilum Colour	Average Seed Size	Growth Habit	Plant Height for Maturity
	NK	S0007-S1X	RR2X	0007	2225	P	LT	TN	IY	M	IND	M
<b>NEW</b>	<b>NK</b>	<b>S0009-J5X</b>	<b>RR2X</b>	<b>0009</b>	<b>2275</b>	<b>P</b>	<b>LT</b>	<b>TN</b>	<b>BR</b>	<b>L</b>	<b>IND</b>	<b>M</b>
	NK	S001-D8X	RR2X	001	2300	P	T	BR	IY	S	IND	MT
	NK	S003-R5X	RR2X	003	2325	P	LT	BR	IY	L	IND	MS
	NK	S007-A2XS	RR2X/SU	007	2425	P	LT	BR	G	S	IND	MT

**0007 RM  
S0007-S1X**

SOYBEANS

- Strong agronomics with great yield potential
- Rps1c/3a gene stack with very strong *Phytophthora* field tolerance
- Solid tolerance to iron deficiency chlorosis with good standability
- Strong performance across yield levels with excellent top-end yield potential

**0009 RM  
S0009-J5X**

**NEW**  
SOYBEANS

- New standard in yield potential for early season soybeans
- Strong *Phytophthora* and Iron Deficiency Chlorosis tolerance
- Excellent standability and *Sclerotinia* White Mould tolerance
- Broad adaptability with optimal performance in high yield environments

**001 RM  
S001-D8X**

SOYBEANS

- Excellent yield with a solid agronomic package
- Very good standability and tolerance to *Sclerotinia* White Mould
- Strong stress tolerance allows performance across a range of soil types
- Performs well across yield environments



Standability	Early Vigour	Emergence	No-Till Adaptability	SCN Resistance	Narrow Row Spacing (<15")	Wide Row Spacing (>15")	PRR Gene	PRR Field Tolerance	Iron Deficiency Chlorosis	White Mould Tolerance	Brown Stem Rot	Product
6	9	8	9	S	9	8	Rps1c,Rps3a	8	7	6	6	S0007-S1X
9	9	9	9	S	9	7	Rps1c,Rps3a	8	8	8	9	S0009-J5X
7	8	7	9	S	9	6	Rps1c	6	7	7	7	S001-D8X
7	8	7	9	S	9	8	Rps1c	8	6	7	6	S003-R5X
7	9	7	9	S	8	9	-	6	7	6	7	S007-A2XS

**003 RM**  
**S003-R5X**

SOYBEANS

- Outstanding yield with broad-acre adaptability
- Rps1c with excellent tolerance to *Phytophthora* root rot
- Performs well across all yield environments and soil types
- Excellent standability with very good tolerance to *Sclerotinia* White Mould

**007 RM**  
**S007-A2XS**

SOYBEANS

- Outstanding yield with excellent stress tolerance
- Consistent performance across yield environments and soil types
- Solid tolerance to iron deficiency chlorosis
- Very good standability with good performance in all row widths



# WHEAT



## CERTIFIED SEED – INVESTING IN THE BOTTOM LINE

Certified seed is the final product of a long process that requires significant investment from government, the public sector, farm retailers and the support of growers.

There are many steps needed and four years or longer of successive production to get a seed variety from the research and development stage to a farm, and have it designated as certified seed with the distinctive blue tag.

The Canadian Food Inspection Agency (CFIA) along with the Canadian Seed Growers Association (CSGA) have established strict standards for each stage of pedigreed seed production. Seed growers must follow these rules to maintain crop purity. This is especially important to maintain yield, quality, disease resistance and other distinguishing characteristics of the variety.

### The value in Certified seed

Certified seed is recognizable by the blue Certified tag of the Canadian Food Inspection Agency (CFIA) that accompanies each sale of seed. This tag means the seed and crop has been inspected by an officially recognized third-party agency, and has been produced by dedicated Canadian seed growers according to stringent requirements. It has undergone a carefully monitored production process, passed the quality assurance requirements of varietal purity, germination and freedom from impurities, and is ready for commercial use.

Only about 20% of growers in Western Canada make the choice to buy Certified cereal seed each year with the balance opting for farm-saved.



### The bottom line

Contrary to common beliefs, farm-saved seed does not come without cost. There exists the associated commercial value of the crop as well as the potential for lost market opportunities. In addition, there is the cost to the farm of carrying inventory, cleaning, transportation, testing and more. The investment of purchasing high quality Certified cereal seed that is tested and guaranteed is a sound one when compared to bin run.

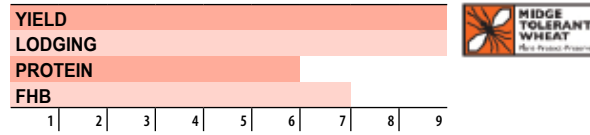
Certified seed does come with guarantees – including germination, level of purity and the best possible genetics.

Aside from accessing the latest technology available to maximize ROI and inputs on-farm, purchasing Certified seed also supports the research and development that goes into creating new seed varieties.

	Variety	Class	Maturity (+/- Days)	Yield (% of Check)	Plant Height (+/- CM)	Lodging	Protein % (+/- Check)	Test Weight (lbs/bu)	Awn Type	
<b>CWRS WHEAT</b>										
	Check	AAC Brandon	CWRS	92	100	78	G	16.5	65.0	Awned
<b>NEW</b>	AAC Broadacres VB	CWRS	1	102	3	VG	-0.7	64.9	Awned	
	AAC Russell VB	CWRS	0	99	3	VG	-0.2	65.0	Awned	
	SY Cast	CWRS	-1	96	2	VG	0.2	63.9	Awned	
	CDC Ortona	CWRS	-2	92	6	VG	-0.7	63.6	Awnless	

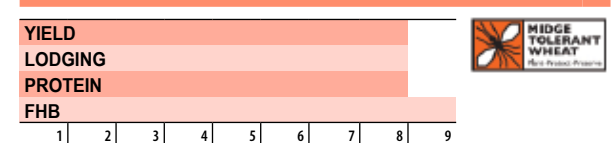


**ACC Broadacres VB** CWRS **NEW WHEAT**



- Proven® Seed's flagship CWRS product
- Highest yield of Proven® Seed's CWRS wheats paired with excellent standability
- Has shown consistent performance across soil zones

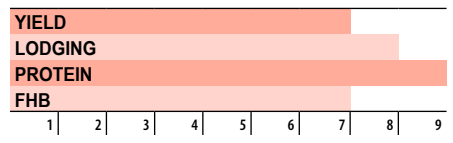
**AAC Russell VB** CWRS **WHEAT**



- A well balanced variety with an excellent combination of features
- Very high yield, combined with good protein and very good standability in an early maturing package
- Powerful disease package - offering MR to FHB R/MR to leaf rusts, stem rust and bunt

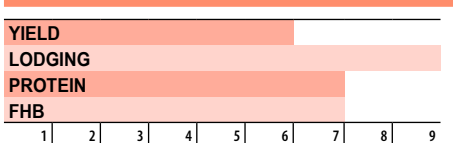
Stem Rust	Leaf Rust	Stripe Rust	Loose Smut	Bunt	Leaf Spot	FHB	Soil Zone	Variety
R	R	MR	MR	S	-	MR		AAC Brandon
R	R	MR	-	R	-	I	All	AAC Broadacres VB
MR	R	R	-	MR	-	MR	All	AAC Russell VB
R	R	R	-	R	-	I	Brown, Dark Brown	SY Cast
R	R	R	-	S	-	I	Black, Grey	CDC Ortona

**SY Cast** CWRS WHEAT



- An excellent mix of yield and excellent protein
- Earlier maturing, short wheat which is rated very good for lodging
- Performs especially well in the Brown and Dark Brown soil zones

**CDC Ortona** CWRS WHEAT



- An awnless wheat which is the successor to the renowned CDC Stanley
- Early maturing, excellent standability due to its straw strength
- Strong balance of yield and protein



Variety	Class	Maturity (+/- Days)	Yield (% of Check)	Plant Height (+/- CM)	Lodging	Protein % (+/- Check)	Test Weight (lbs/bu)	Awn Type
<b>CWRS WHEAT</b>								
<b>NEW</b> CDC Imbue CL Plus	CWRS	0	99	0	G	-0.5	64.4	Awned
CDC Pilar CL Plus	CWRS	-1	96	-4	VG	-0.6	64.4	Awned
CDC Succession VB CL Plus	CWRS	-1	96	1	VG	-0.2	64.2	Awned

### CDC Imbue CL Plus CWRS

**NEW WHEAT**

- Newest wheat in the Clearfield® portfolio
- High yields and improved protein relative to other Clearfield® lines
- Earlier maturing semi dwarf

### CDC Pilar CL Plus CWRS

**WHEAT**

- Semi dwarf option for growers concerned with standability and straw management
- Performs especially well in the Parkland areas of Alberta

### CDC Succession VB CL Plus CWRS

**WHEAT**

- Combines Clearfield® Plus and midge tolerance in a single package
- High yielding with excellent standability
- Midge tolerant varietal blend – providing protection against orange wheat blossom midge



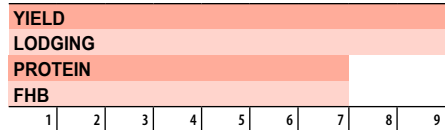
Stem Rust	Leaf Rust	Stripe Rust	Loose Smut	Bunt	Leaf Spot	FHB	Soil Zone	Variety
MS	R	R	R	MR	-	I	All	CDC Imbue CL Plus
MR	R	MS	-	MR	-	I	Black, Grey	CDC Pilar CL Plus
MR	MR	I	-	S	-	MS	All	CDC Succession VB CL Plus



	Variety	Class	Maturity (+/- Days)	Yield (% of Check)	Plant Height (+/- CM)	Lodging	Protein % (+/- Check)	Test Weight (lbs/bu)	Awn Type
<b>CPSR WHEAT</b>									
Check	AAC Brandon	CWRS	92	100	78	G	16.5	65.0	Awned
<b>NEW</b>	AAC Camrose VB	CPSR	2	111	-4	VG	-1.7	63.5	Awned
	5700PR	CPSR	1	100	-3	VG	-1.2	64.4	Awned
	SY Rorke	CPSR	1	103	0	G	-1.4	64.5	Awned
<b>CWAD WHEAT</b>									
Check	Transcend	CWAD	94	100	89	F	15.3	63.5	Awned
<b>NEW</b>	CDC Covert	CWAD	0	102	-7	G	-0.6	62.9	Awned
	CDC Flare CL Plus	CWAD	-2	104	-7	VG	-0.5	62.4	Awned
	CDC Dynamic	CWAD	-1	95	-6	F	0.5	62.8	Awned

### AAC Camrose VB CPSR

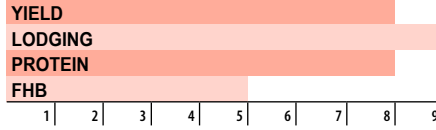
**NEW**  
WHEAT



- Our newest CPSR - very high yields in combination with midge tolerance
- The new yield standard - highest yielding wheat in the Proven® Seed portfolio
- Phenomenal disease package with resistance to stem rust, leaf rust, stripe rust and bunt

### 5700PR CPSR

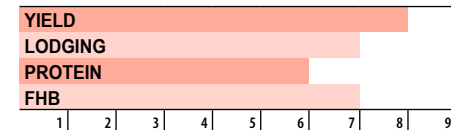
WHEAT



- The standard for CPSR growers with the best overall balance of features
- High yield potential partnered with phenomenal lodging resistance

### SY Rorke CPSR

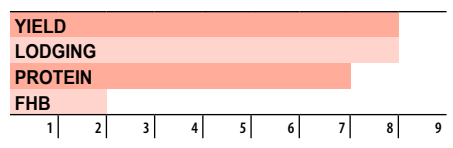
WHEAT



- For growers who are pushing for maximum yield
- Very high yield potential
- Intermediate rating for FHB

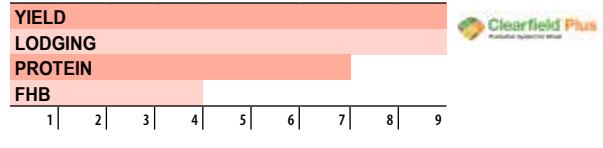
Stem Rust	Leaf Rust	Stripe Rust	Loose Smut	Bunt	Leaf Spot	FHB	Soil Zone	Variety
R	R	MR	MR	S	I	MR		AAC Brandon
R	R	R	R	R	R	I	Dark Brown, Black	AAC Camrose VB
R	I	S	MS	R	MS	MS	Dark Brown, Black	5700PR
R	I	S	---	MS	---	I	Dark Brown, Black	SY Rorke
R	R	R	S	R	I	MS*	Brown, Dark Brown	Transcend
R	R	R		R	---	S	Brown, Dark Brown	CDC Covert
MR	R	S	R	R	I	MS	Brown, Dark Brown	CDC Flare CL Plus
MR	R	MR	I	R	I	MS	Brown, Dark Brown	CDC Dynamic

### CDC Covert CWAD **NEW WHEAT**



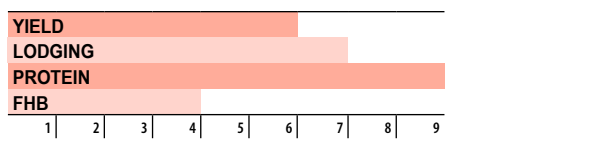
- Our newest durum line
- Offers very high yields, good lodging resistance and a robust disease package
- Early maturing

### CDC Flare CL Plus CWAD **WHEAT**



- The first and only Clearfield® durum in the Canadian market
- Very high yields with very good standability, you sacrifice nothing in order to gain the benefits of Clearfield® Plus
- Tailor made for durum and lentil growers who are at risk of crop damage due to IMI herbicide carryover

### CDC Dynamic CWAD **WHEAT**



- High yield, high test weight and high protein in a single package
- Easy threshing



# BARLEY

Variety	Type	Maturity (+/- Days)	Yield (% of Check)	
<b>FEED BARLEY</b>				
Check	AAC Synergy	2 Row Malt	87	100
	Altorado	2 Row Feed	0	105
	Oreana	2 Row Feed	1	99
	Claymore	2 Row Feed	1	104

## LEGEND

### RATING SCALE:

- 9 = Excellent
- 7-8 = Very Good
- 5-6 = Good
- 3-4 = Fair
- 1-2 = Poor
- N/A = Not Applicable

### LODGING RATING

- EX = Excellent
- VG = Very Good
- G = Good

### DISEASE RESISTANCE RATING:

- R = Resistant
- MR = Moderately Resistant
- MS = Moderately Susceptible
- S = Susceptible
- RED** = New



Plant Height (+/- CM)	Lodging	% Plump	Test Weight (lbs/bu)	Awn Type	Loose Smut	Other Smut	Stem Rust	Scald	Root Rot	Netted Net Blotch	Spotted Net Blotch	Spot Blotch	FHB	Soil Zone	Variety
82	F	90.8	52.1	Rough	S	I	MR	S	MR	R	R	I	I		AAC Synergy
-3	VG	87	53.3	Rough	MR	MR	MR	S	MR	S	MR	S	I	Dark Brown, Brown, Black	Altorado
-8	VG	88.2	53.0	Rough	S	S	I	S	I	S	MR	I	S	Dark Brown, Brown, Black	Oreana
1	VG	86.9	52.0	Rough	S	R	MR	S	I	S	I	I	MR	Dark Brown, Brown, Black	Claymore

**Altorado** *Feed Barley* BARLEY

- A dual purpose feed/silage line
- Excellent yield potential for both feed grain or silage
- Two row, rough awned

**Oreana** *Feed Barley* BARLEY

- A true semi-dwarf barley, well suited for manured soils or high input operations
- Very short straw—desirable for standability, straw management or simply pushing less material through the combine
- Two row, rough awned

**Claymore** *Feed Barley* BARLEY

- A dual purpose feed/silage line
- An excellent fit for the eastern prairies due to its MR rating for FHB
- Two row, rough awned

SILAGE TRIALS		Yield (% of Check)	% Crude Protein	TDN (%)
Check	CDC Austenson	100	10.2	61.0
	Altorado	103	10.1	64.0
	Claymore	100	10.0	63.1



# MUSTARD



Brand	Variety	Type	Yield	Average Days to Maturity	Height (cm)	Blackleg	White Rust
Proven Seed	Andante	Yellow (Sinapsis alba)	101% of AC Pennant	90	95	R	S
Proven Seed	AC Pennant	Yellow (Sinapsis alba)	100% (check)	92	101	R	S
Mustard 21	AAC Yellow 80	Yellow (Sinapsis alba)	109% of Andante Yellow	92	128	R	S
Proven Seed	Centennial Brown	Brown (Brassica juncea)	103% of Duchess	92	133	R	S
Mustard 21	AAC Brown Elite	Brown (Brassica juncea)	115% of Centennial Brown	93	159	R	S - 2a, S - 2v
Proven Seed	Cutlass	Oriental (Condiment)	100% (check)	90	113	R	R - 2a, S - 2v
Proven Seed	Forge	Oriental (Condiment)	97% of Cutlass	92	124	R	R

### Andante

MUSTARD

- High contract demand
- Improved seed weight
- Suitable for all growing regions

### AC Pennant

MUSTARD

- Can be straight cut

### AAC Yellow 80

MUSTARD

- Composite mustard variety
- Excellent harvestability
- Improved yield

### Centennial Brown

MUSTARD

- Lower green seed counts
- Improved seed weight
- Medium to early maturity

### AAC Brown Elite

MUSTARD

- Hybrid mustard
- Improved processing quality

### Cutlass

MUSTARD

- Improved seed weight
- High resistance to blackleg and shorter variety

### Forge

MUSTARD

- Low green seed counts
- Resistant to blackleg

## LEGEND

#### DISEASE RESISTANCE RATING:

- R = Resistant
- MR = Moderately Resistant
- MS = Moderately Susceptible
- S = Susceptible



# FLAX





Brand	Grain Colour	Yield (% CDC Bethune)	Relative Maturity (+/- Days to CDC Bethune)	Plant Height (CM)
WestLin 60	Brown	98	-1	53.0
WestLin 72	Brown	103	2.5	55.0
NuLin 50	Yellow	103	2	54.4



## NuLin 50

NuLin 50 is a yellow seeded flax/linseed with enhanced omega-3 (linolenic) levels beyond anything currently available. It has high protein content, and contains high levels of oil, dietary fibre, phytochemicals (phenols), vitamins and minerals.

NuLin 50 provides consumers with one of the most powerful nutritional and disease preventing packages from plant sources for food uses. It has a wide range of utilization across its food oil, whole seed, meal/cake or industrial oil forms.

### Below are some examples of NuLin 50 utilization:

#### Food Oil

- Expeller crush to produce high quality oil
- Food enrichment with omega-3 – margarine, yogurt, etc.

#### Whole Seed

- Broad based nutrition: oil, protein, soluble and insoluble fibre, phytochemicals (lignans, antioxidants), vitamins, minerals
- Bakery: toppings, multi-grain, ground into “flour”
- Pet food: valuable source of omega-3
- Chicken feeds: as a feed ingredient for production of omega-3 in eggs

#### Meal (3% residual oil) or Cake (8% residual oil)

- Livestock industry, mainly ruminant feeds: high protein, residual oil and energy
- Extraction of protein for high nutritional value protein isolates
- Extraction of lignans - natural source plant estrogen

#### Industrial Oil

- Linoleum floor coverings
- Polymerized oil producing variable viscosity for applications in printing inks, paints, chemicals
- Boiled oil for wood preservatives

# FORAGES



ALFALFA	PV Parlour HG	GRASSES	Brome	AC Knowles Hybrid Bromegrass	MASTER BLENDS	Annualmaster	ANNUALS	hps® Sunflower	
	PV Ultima			Fescue		hps® Smooth Bromegrass		Cowboymaster <sup>NEW</sup>	hps® Buckwheat
	PV VR Total					Fleet Meadow Bromegrass		Dualmaster	hps® Chicory
	PV Halo 2		Barolex Tall Fescue			Equimaster Dry		hps® Plantain	
	PV Spredor 5		Orchard	Boreal Creeping Red Fescue		Equimaster Hay		hps® Teff	
	hps® Premium Alfalfa Blend			hps® Meadow Fescue		Equimaster II		German Golden Millet	
	PV Algonquin		Ryegrass	Baridana Orchardgrass Orchard		Floodmaster		Cerise Proso Millet	
LEGUMES	hps® Birdsfoot Trefoil			Blizzard Orchardgrass		Grazemaster		Pearl Hybrid Millet	
	Leo Birdsfoot Trefoil			hps® Annual Ryegrass		Haymaster Beef		GW-400 BMR Sorghum	
	AC Veldt Cicer Milkvetch		hps® Italian-Annual Ryegrass Blend	Haymaster Dairy		Nutri-King BMR 6 Sorghum			
hps® Cicer Milkvetch	Timothy		hps® Perennial Ryegrass	Haymaster Dry		hps® Sorghum			
AAC Mountainview Sainfoin			Barpenta Timothy	Haymaster Deluxe <sup>NEW</sup>		hps® Fall Rye			
Shoshone Sainfoin			Crest Timothy	Haymaster 50 <sup>NEW</sup>		Haymaker Oats			
hps® Sainfoin			Derby Timothy	Haymaster Grass		hps® Sugar Beet			
CLOVER			hps® Alsike Clover	Grindstand Timothy		Haymaster Limited		hps® Radish (daikon/tillage/forage)	
			hps® Red Clover	Climax Timothy		Haymaster Ultimate		hps® Kale	
			hps® Double Cut Red Clover	Basho Timothy		hps® Haymaster II		hps® Turnip	
	hps® Yellow Blossom Sweet Clover		hps® Timothy	Rangemaster		hps® Forage Rape			
	hps® White Clover		Trygve Timothy	Beefmaster		hps® Hairy Vetch			
	Glacier White Clover		Wheatgrass	AC Saltlander Green Wheatgrass		Legumaster		hps® Chickling Vetch	
CLOVER	hps® Tall Wheatgrass			Kirk Crested Wheatgrass		Meadowmaster		hps® Berseem Clover	
	hps® Western Wheatgrass			Fairway Crested Wheatgrass		Plainsmaster		hps® Crimson Clover	
	hps® Creeping Foxtail			hps® Intermediate Wheatgrass		Ranchmaster II		hps® Balansa Clover	
	hps® Reed Canarygrass			Greenleaf Pubescent Wheatgrass		Brinemaster <sup>NEW</sup>		hps® Sorghum	
	hps® Wildrye			Revenue Slender Wheatgrass		Salinemaster		LAWN & LANDSCAPE	Boulevard Mix
	hps® Wildrye			hps® Tall Wheatgrass		Saltmaster			Northland Downs
	hps® Wildrye		hps® Western Wheatgrass	Seasonmaster		Playground Mix		POLLINATOR MIXES	Annual Pollinator
	hps® Wildrye		hps® Creeping Foxtail	Stockmaster		Sunrise Estates			Perennial Pollinator
	hps® Wildrye	hps® Reed Canarygrass		Three-Way Kentucky Bluegrass Blend					
	hps® Wildrye	Other	Ginger Kentucky Bluegrass						
hps® Wildrye	Other	Dahurian Wildrye							

Proven Seed has an extensive list of forage products available.

From elite alfalfas to top performing Master Blends and native species, we have a product that will fit your operation.

Please contact your local Nutrien Ag Solutions retail to find out what is currently available as this list is subject to change based on product availability.









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