

2023 SEED GUIDE

CANTERRA SEEDS Seed the Difference." DISTRIBUTOR OF:





CANTERRA SEEDS has been deeply rooted in the Canadian Prairies for over 25 years. Founded by nine Canadian seed growers, we are a farmerowned company to this day and offer one of the broadest field seed portfolios in Western Canada. We are proud to produce, market and sell the very best in seed. Seed that is the product of strategic partnerships with global seed developers to bring the best traits to Western Canada.

WHY CANTERRA SEEDS?



TOP-QUALITY

seed for every acre on your farm: canola, corn, wheat, oats, barley, peas, special crops



GIVING BACK

to local Western Canadian communities through our Rooted in the Prairies Project



INNOVATIVE

digital solutions through our partnership with Agro.Club Canada



INVESTING IN PARTNERSHIPS:

Limagrain Cereals Research Canada & PRIDE Seeds



OUR PEOPLE

are rooted in the Prairies and invested in the success of our farmer customers



We are a Canadian company created by farmers, for farmers, and we are 100% committed to seed.



WE INVEST

locally in plant breeding to provide top performing seed genetics demanded by farmers and end users.



WE PRODUCE

a diverse portfolio of top-quality field crop seed.



WE GROW

through strategic partnerships, and a commitment to our farmer-owned roots.

OUR SALES TEAM



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Check out local performance at virtualcroptour.ca

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Place your canola order at canterra.com/order

IT'S AS EASY AS 1-2-3



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Choose a CANTERRA SEEDS product at:

canterra.com/order





ORDER

Place your order with the seed retail of your choice.







PICK UP



Complete the purchase at your seed retail and enjoy rewards before the seed hits the soil.

*Instantly qualify for Prebate™ rewards payment when you order your CANTERRA SEEDS products from your preferred retailer at canterra.com/order by Dec. 15, 2022. Early rewards payment will equal 50% of total rewards earned on qualifying orders placed through canterra.com/order by Dec. 15, 2022. If early rewards payment is greater than total rewards earned on your qualifying purchases by final program deadline (July 31, 2023), you will be required to return the difference. Visit canterra.com for full details. "It's a Fresh Way to do Business.

I was pleasantly surprised to receive my Prebate™ rewards payment before I had even taken delivery of my canola seed. This program demonstrates a lot of trust in me as a customer and CANTERRA SEEDS' appreciation for my business.

MARCEL VAN STAVEREN GRIFFIN, SK





POWERED BY:





Canola

A lineup that fits every acre, CANTERRA SEEDS offers herbicide tolerant canola hybrids on all four major trait platforms.



An All-Star Lineup That Fits Every Acre

DISCOVER OUR COMPLETE CANOLA PORTFOLIO ON CANTERRA.COM

LIBERTYLINK® CANOLA



CS4000 LL

- Excellent straight cut performance
- Clubroot resistance
- Blackleg resistance

LIBERTY LINK W

Other LibertyLink® hybrids coming soon!

TRUFLEX™
CANOLA WITH
ROUNDUP READY®
TECHNOLOGY



CS3100 TF

- Excellent straight cut and yield potential
- 1st and 2nd generation clubroot resistance
- Blackleg resistance





Other TruFlex™
canola options:
CS3000 TF, CS2600 CR-T

CANTERRA SEEDS offers herbicide tolerant canola hybrids on all major trait platforms. Find the right agronomic mix for your farm with: high yields, straight cut varieties, superior clubroot and disease protection, along with flexibility and choice of seed treatments.



CS2300





- A yield powerhouse
- Excellent standability

Other Roundup Ready® canola options: CS2100

CS2800 CL

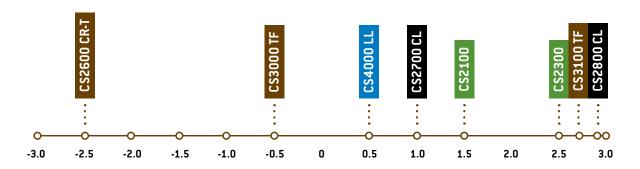




- 1st and 2nd generation clubroot resistance
- Blackleg resistance
- Crush premiums available

Other Clearfield® canola options: CS2700 CL

Relative Maturity Scale





- 10 -

CANOLA

	VARIETY	DESCRIPTION	Maturity	Growing Zone	Height	Lodging	Blackleg	Clubroot CR	Additional CR Patho types	Straight cut Potential	Yield
LibertyLink® Canola Hybrid	CS4000 LL	LibertyLink® Canola with clubroot and blackleg protection, mid-maturity, and excellent straight cut	Mid	AII	Medium/ Tall	VG	R	R	2F, 3H, 5I, 6M and 8N – 1st gen resistance	Yes	107% of InVigor L234PC

CS4000 LL





High yielding LibertyLink® canola hybrid with clubroot and blackleg resistance and excellent straight cut performance.

- LibertyLink® Technology Trait
- · Mid-season hybrid suitable for all growing zones
- Excellent straight cut performance
- · High yield potential

Performance



(n=8, 2020 dealer trials)





syngenta.

CANOLA

	VARIETY	DESCRIPTION	Maturity	Growing Zone	Height	Lodging	Blackleg	Clubroot	Additional CR Pathotypes	Straight cut Potential	Yield
TruFlex" Canola with Roundup Ready [®] Technology Hybrid	CS3100 TF	Great disease package with multigenic blackleg and 1st and 2nd generation clubroot resistance	Full	Long	Medium tall	VG	R-ADE2	R	1st and 2nd gen	Yes	Top end yield in breeder advancement and coop registration trials
	CS3000 TF	Canola you can straight cut with clubroot and blackleg protection and mid-maturity	Mid	All	Short	VG	R-AG	R	R or MR to 3A, 2B, 3D, 5X plus R to 2F, 5G, 3H, 5I, 5L, 6M, 8N	Yes	106% of DKTF 96 SC
	CS2600 CR-T	1st & 2nd Gen clubroot resistance, earlier maturity, and excellent straight cut performance	Early	Short+ Clubroot zones	Medium	VG	R-C	R	R to 5X, 2B, 3A, 3D, 3H	Yes	112% of 75-42 CR

CANOLA

CS3100 TF











High Yielding, Full maturity TruFlex™ Canola Hybrid

Great disease package with multigenic blackleg and 1st and 2nd generation clubroot resistance.

- TruFlex™ canola trait
- Full season hybrid suitable for long season growing zones
- Excellent straight cut and yield potential

CS3000 TF





High Yielding, Mid-maturity TruFlex™ Canola Hybrid

Great disease package with multigenic blackleg and 2nd generation clubroot resistance.

- TruFlex™ canola trait
- · Mid-season hybrid suitable for all growing zones
- Straight cut
- Excellent yield potential



Performance



N = 38, two years of breeder data

CS2600 CR-T





Early-season TruFlex[™] Canola Hybrid with Enhanced Clubroot Resistance

- 1st and 2nd generation clubroot resistance R to clubroot with additional protection to 2B, 5X, 3A, 3D & 3H pathotypes
- · Excellent straight cut performance
- TruFlex[™] canola with Roundup Ready® Technology trait – wider window of application with option for higher rates

Performance



Multi-Year Breeder Plot Results (n=44)

"CS2600 CR-T

performed very well in some tough conditions last year.
We are extremely happy with the results and weed control flexibility.



CANOLA

	VARIETY	DESCRIPTION	Maturity	Growing Zone	Height	Lodging	Blackleg	Clubroot	Additional CR Pathotypes	Straight cut Potential	Yield
Canola Hybrid	CS2800 CL	Great yield potential with crush premiums available	Full	Long	Medium/ Tall	EXC	R-AFG	R	1st and 2nd gen	No	Top end yield in breeder advancement and coop registration trials
Clearfield® Cano	CS2700 CL	Great yield potential with crush premiums available	Mid	Mid, Long	Medium/ Tall	EXC	AE2	R	2nd gen, R to 3H, 3A and 3D	No	Top end yield in breeder advancement and coop registration trials

CS2800 CL







CS2700 CL





Great yield potential with crush premiums available



- · 1st and 2nd generation clubroot resistance, blackleg R
- Full season suitable for long season growing zone
- · Excellent lodging resistance
- · Swath only

Great yield potential with crush premiums available



- · 2nd generation clubroot, including resistance to 3H, 3A and 3D
- Mid season suitable for mid to long season growing zone
- Excellent lodging resistance
- Swath only



Top-end yield in breeder advancement and coop registration trials.



Top-end yield in breeder advancement and coop registration trials.



DISEASE CONTROL

Maximize your return per acre with smart disease control choices from CANTERRA SEEDS. Choose from our diverse portfolio of hybrids with superior clubroot and blackleg resistance specific for your field.

DISEASE MANAGEMENT



BATTLE BLACKLEG

Use the blackleg labels with the most diverse set of resistance genes on the market – CS2100, CS2700 CL, CS2800 CL and CS3100 TF.



BEAT CLUBROOT

Grow unique clubroot genetics, like CS2700 CL, CS2800 CL, CS3000 TF, CS3100 TF or CS2600 CR-T, to rotate your resistance.



BLACKLEG RATINGS

VARIETY	RATING
CS2300	R-C
CS2100	R-ACG
CS2800 CL	R-AFG
CS2700 CL	R-AE2
CS3100 TF	R-ADE2
CS3000 TF	R-AG
CS2600 CR-T	R-C
CS4000 LL	R

- TruFlex™ Canola with Roundup Ready® Technology
- Roundup Ready® Canola
- Clearfield® Production System for Canola
 - LibertyLink® Canola

CANOLA

	VARIETY	DESCRIPTION	Maturity	Growing Zone	Height	Lodging	Blackleg	Clubroot CR	Additional CR Pathotypes	Straight-cut Potential	Yield
Roundup Ready® Hybrid	CS2300	Boasts big yields without falling down	Mid/ Full	Mid- Long	Medium/ Tall	EXC	R-C	S	-	No	105% of 75-65 RR
	CS2100	A straight cut hybrid with multigenic blackleg resistance	Mid/ Full	Mid- Long	Medium	VG	R-ACG	S	-	Yes	103% of 75-65 RR

CS2300 = Canola Performance Trials, n=18 / CS2100 = Dealer Trial Results, n=10

SYMBOLS USED	EXC Excellent VG Very Good G Good F Fair	P Poor R Resistant MR Moderately Resistant	I Intermediate MS Moderately Susceptible S Susceptible	VE Very Early E Early M Medium L Late
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CANOLA

CS2300







CS2100





Reach New Heights in Yield!

- Superior yield potential
- Big pods
- Excellent lodging resistance
- Swath only

Canola Performance Trials (n=18)

Straight Cut Option with Strongest Blackleg Resistance Available

- 3 major genes of blackleg resistance: R-ACG
- Excellent straight cut option: 103% of 75-65 RR (n=10)
- · Very good lodging resistance

Performance CS2300 105% 75-65 RR 100%



Dealer Trial Results (n=10)



PROTECT THAT START OF THE SEASON FEELIN' FROM FLEA BEETLES

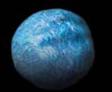
Introducing BUTEO™ start, a powerful new seed treatment that protects your canola and your start of the season spirit. BUTEO start is specifically engineered to defend your canola against early flea beetle pressure, delivering unparalleled protection right through the three-leaf stage putting you on the path to strong plants and even stronger yields. So make this year one for the record books and start strong with BUTEO start.



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A BRAVE NEW WORLD OF CANOLA SEED TREATMENTS

This is one big step for seed...and one giant leap for peace-ofmind. Get the most cutting-edge, comprehensive protection against flea beetles, cutworms, blackleg and more.

Order Helix[®] Saltro[®] + Fortenza[®] Advanced seed treatment on your canola.

Always read and follow label directions. Fortenza® Advanced is an on-seed application of Fortenza Seed Treatment insecticide and Rascendo® Seed Treatment insecticide. Helia® Saltro® is an on-seed application of Helix Vibrance® Seed Treatment insecticide/fungicide and Saltro® Seed Treatment fungicide. Fortenza®, Helix®, Rascendo®, Seedcare®, the Alliance Frame, the Purpose Icon and the Syngenta logo are trademarks of a Syngenta Group Company. Other trademarks are property of their respective owners. © 2021 Syngenta.





Wheat, Oats & Barley

Pure, premium-quality seed, produced under the highest standards to meet the demands of farmers and end-users.





Limagrain Cereals Research Canada (LCRC) is a joint venture of CANTERRA SEEDS and Limagrain — two farmer-owned companies that are passionate about seed.





EXTENSIVE

LCRC is the largest hard red spring wheat breeding program in North America, and has one of the most extensive trial networks. Local performance is best predicted by local data —LCRC rigorously tests varieties under local conditions in Western Canada to select the best options for farmers.





RAPID

LCRC combines traditional breeding methods with advanced techniques and technology — rapidly developing and deploying superior seed genetics.





ADDING VALUE

By participating in the Variety Use Agreement* (VUA) Program, LCRC helps pave the way for long-term, value-driven plant breeding. LCRC will continue to provide farmers with genetically superior options.

*Learn more: seeds-canada.ca/variety-use-agreement

Securing your CANTERRA SEEDS certified seed is easier than ever!

IT'S AS EASY AS 1-2-3



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canterra.com/order



2

ORDER REQUEST

Place your intent to order and you will be matched up with the nearest supplier.



PICK UP



You'll be contacted to complete the purchase at your seed grower or retail.

Secure your supply at canterra.com/order

and you will be matched up with your preferred seed grower, retail or the nearest seed supplier to secure your certified seed supply.





	VARIETY	DESCRIPTION	Maturity	Height	Lodging	FHB	Stripe Rust	LeafRust	Stem Rust
	CS Daybreak 🏚 VUA	A high yielding variety with strong disease package best adapted to eastern Prairies	М	+5	G	I	MR	MR	R
	CS Jake 🕦	A variety with very early maturity, great stripe rust resistance, and high protein content	VE	+7	VG	MS	R	MR	R
	CS Tracker 📵	An awnless early maturity variety with excellent rust resistance, suited to a broad geography	Е	+5	VG	I	R	R	R
CWRS	AAC Cameron VB 🍥 🌠	A very high yielding midge tolerant variety with lowest FHB symptoms and DON accumulation of all wheat varieties	М	+13	VG	I	S	MR	MR
	An awnless variety that combines early AAC Connery maturity with the benefits of short, strong straw and high protein		Е	+3	VG	MR	R	MR	R
	Thorsby 💮	An awnless variety with early maturity and rust resistance, suited to a broad geography	Е	+13	G	I	R	R	MR

Agronomic and disease ratings reflect provincial seed guide and/or official registration data. Height cm +/- AAC Brandon (CWRS).

FIELD NOTES

CS Daybreak







Canada Western Red Spring

A high yielding CWRS variety with a strong disease resistance package, best adapted for the eastern Prairies

- · High grain yield (better than AAC Viewfield)
- Good maturity (similar to Carberry)
- Good protein content (similar to AAC Viewfield)
- Excellent rust package (R to stem rust, MR to leaf and stripe rust) and good FHB resistance (I)
- · Good milling and functional quality

Yield Performance

CS Daybreak

AAC Viewfield



 $The \,value\, represents\, the\, average\, number\, observed\, during\, the\, three\, years\, of\, LCRC\, registration\, trials$

CS Jake



Canada Western Red Spring

An early maturing variety with excellent stripe rust protection and higher protein content

- High yielding potential with improved protein content over current varieties
- Very early, similar to AAC Redwater (-4.2 days vs. AAC Brandon)
- Excellent candidate for the short growing regions in the Parkland areas

Quality Performance (Protein)



Seed Guides are used as sources for performance

CS Tracker



Canada Western Red Spring

An awnless early maturity variety with excellent rust resistance, suited to a broad geography

- High yielding potential with improved protein content over current varieties
- Early, similar to AAC Redwater (-4 days vs. AAC Brandon)
- Broad adaptability due to its excellent overall disease resistance

Maturity Performance (+/- 99 Days)



Seed Guides are used as sources for performance

AAC Cameron VB





Canada Western Red Spring

One of the highest yielding CWRS for the past five years across the Prairies. As most midge tolerant varieties, it has a taller stature. However, its strong straw offers good lodging resistance

- · Very high grain yield every year
- Best FHB resistance and lowest DON content in its class
- · Excellent milling and functional quality
- · Variety blend with Carberry

Yield Performance

AAC Cameron VB

AAC Wheatland VB

104%

Seed Guides are used as sources for performance. SK Seed Guide, Area 3 & 4



	VARIETY	DESCRIPTION	Maturity	Height	Lodging	FHB	Stripe Rust	LeafRust	Stem Rust
~	CS Accelerate 🏚 VUA	Very high yield with shorter straw; improved milling quality	М	-3	G	_	R	R	R
CPSR	AAC Crossfield 🌘	A desirable combination of high yield, short, strong straw and early maturity; suitable for high inputs and irrigation	М	0	VG	I	R	R	R
1	NEW AAC Donlow	Best FHB resistance in its class with high yield potential and improved standability	М	0	VG	MS*	R	R	R
CWAD	CDC Credence 🐞	High yielding with excellent quality profile, a high yellow pigment concentration and lower FHB symptoms	М	+7	VG	MS*	R	R	R
	AAC Congress 🜘	A high-yielding durum wheat with superior end-use quality and consistent yields	М	+3	G	MS	R	MR	R

Agronomic and disease ratings reflect provincial seed guide and/or official registration data. Height cm +/- AAC Brandon (CPSR) and Strongfield (CWAD).

	VARIETY DESCRIPTION		Maturity	Height	Lodging	FIB	Stripe Rust	LeafRust	Stem Rust
CWRW	AC™ Emerson 🐵	A game changer with first R-rating FHB resistance	М	-5	VG	R	R	I	R
CW	AC™ Radiant 🐵	A top variety for many years	L	-1	VG	S	MS	S	S

Agronomic and disease ratings reflect provincial seed guide and/or official registration data. Height cm +/- CDC Buteo.



CS Accelerate







Canada Prairie Spring Red

An early maturing, very high yielding semi-dwarf CPSR wheat with excellent rust resistance package and improved milling quality

- High grain yield (108% of AAC Penhold)
- Early maturity (-1d of AAC Foray)
- Short strong straw (-10cm of AAC Foray)
- Excellent rust package (R to leaf, stem and stripe rust) and good FHB resistance (I)
- · Good milling and functional quality
- Part of the Warburtons program



Yield Performance

CS Accelerate

AAC Penhold

100%

The value represents the average number observed during the three years of LCRC trial evaluation.

"CS Accelerate wheat is a consistent and stable performer across Western Canada with unmatched yield and grain quality. TIMOTHY VAN STEENBERGEN FIELD OPERATIONS MANAGER LIMAGRAIN CEREALS **RESEARCH CANADA**

DURUM WHEAT

AAC Donlow



Canada Western Amber Durum

Best FHB resistance in its class with high yielding potential and excellent standability

- Superior FHB resistance and lower DON accumulation
- · Excellent and consistent yield performance
- · Short strong straw with excellent standability
- Great disease resistance package (R to all rusts)

Yield Performance



Seed Guides are used as sources for performance





Find your nearest CANTERRA SEEDS seed grower or retailer, or PRIDE Seeds retailer at canterra.com/seed-locator or scan the QR code.

DURUM WHEAT

CDC Credence



Canada Western Amber Durum

High yielding, high quality and early maturing durum with the best FHB resistance in its class

- · Excellent yield performance against current varieties
- · Best FHB resistance in its class
- Superior quality performance, with very high pigment concentration

AAC Congress



Canada Western Amber Durum

Consistent high yielder and broad adaptability in any growing situation, both dryland and irrigated

- · Excellent consistent yield across multiple geographies
- Excellent straw strength
- Superior quality performance, with high pigment concentration

Yield Performance



Seed Guides are used as sources for performance

Yield Performance



Seed Guides are used as sources for performance. SK Seed Guide Irrigation

OATS

	VARIETY	DESCRIPTION	Maturity	Height	Lodging	Test Weight	% Plump	Stem Rust	Crown Rust
	CS Camden 🐽	Grower and miller approved with high yields and improved quality	М	-9	VG	> AC Morgan	> AC Morgan	S	MS
Whi	NEW Kalio*	High yield potential with excellent crown rust protection	М	-4	G	= CS Camden	_	MS	MR
	COMING Kyron*	Early maturity milling oat with good yield potential, short strong straw and excellent quality attributes	Е	-6	G	= CS Camden	_	S	MS

 $Agronomic \ and \ disease \ ratings \ reflect \ provincial \ seed \ guide \ and/or \ official \ registration \ data. \ Height \ cm +/-\ CDC \ Dancer. \ Test \ weight \ lb/bu.$

^{*} Disease evaluation is based on Eastern Canada evaluation.



OATS

CS Camden



White Milling Oat

Grower and miller approved with exceptional yields and improved quality

- · Very high yields
- · Shorter stature with very good lodging resistance
- High leaf biomass suitable for the forage and silage growers in addition to its excellent milling characteristics

Kalio





White Milling Oat

High yield potential with excellent crown rust protection

- · Excellent yield potential
- Great protection to crown rust (MR rating)
- Multi-purpose variety suitable for grain, forage and silage growers

Yield Performance



Seed Guides are used as sources for performance

Yield Performance



Data is based on the CRCQ Registration Tests conducted in Quebec during 2017-2021

BARLEY

	VARIETY	DESCRIPTION	Maturity	Height	Lodging	Awn	Test Weight	FHB
	AAC Connect 🐽	Excellent malt quality with best FHB protection in its class, high yield potential and agronomic improvements	М	-3	G	R	50	MR
2-Row Malting	CDC PlatinumStar 🐽	Agronomically similar to CDC Copeland with the LOXISTAR™ characteristic	М	+3	F	R	53	MR
2-Row h	CDC GoldStar 🐽	A high yielding variety that contains the LOXISTAR™ characteristic	М	0	G	R	52	MS
Cor	MING AAC Prairie	Good yield potential and excellent quality profile similar to AC Metcalfe		-1.5	G	R	67	I
6-Row Malting	Celebration 🐵	Celebration . Disease resistance and yield excellence in a 6-row variety		+5	G	S	49	MS
	AB Wrangler 🐽	A versatile feed/forage barley with excellent yield potential and best FHB protection in its class	М	+1	G	R	66	MR
2-Row Feed	Canmore (n)	Excellent lodging resistance and improved feed conversion	М	+1	VG	R	52	1
	CDC Coalition 🛞	A proven leader in yield and standability	L	+5	VG	R	53	1

Agronomic and disease ratings reflect provincial seed guide and/or official registration data. Height cm +/- AC Metcalfe. Awn R = Rough, S = Smooth. Test weight lb/bu.

BARLEY







2-Row Malting Barley

Best FHB resistance in its class with superior yield and short, strong straw

- Excellent malt quality with higher malt extract and friability
- Short, strong straw
- · Heavier and plumper kernels
- · Best FHB resistance in its class

Yield Performance

AAC Connect 111% AC Metcalfe

Seed Guides are used as sources for performance

"AAC Connect

two-row malting barley has the disease resistance and straw strength we look for to preserve malt quality. It's the next level compared to the older varieties. **GORDON MOELLENBECK ENGLEFELD, SK**

BARLEY

AB Wrangler



2-Row Feed and Forage Barley

Very high yielding feed and forage barley with best FHB protection and excellent standability

- · High yielding potential for grain and forage
- · Best FHB protection in its class and low DON accumulation
- · Excellent silage nutritional quality

Seed Guides are used as sources for performance

Great versatility being suitable for all forage and silage growing areas

Canmore



2-Row Feed Barley

High yielding feed barley with shorter stature and excellent disease resistance package

- Consistent performer under dry conditions and high moisture environments alike
- Very heavy barley (high test weight) with excellent feed conversion numbers
- Better straw strength than leading variety in the class

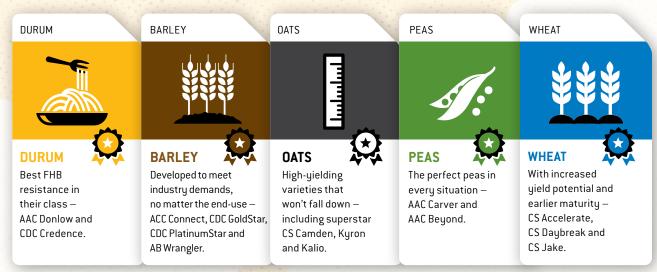
Yield Performance AB Wrangler CDC Cowboy 100%



Seed Guides are used as sources for performance

Bulk Certified Seed

Pure, premium-quality seed, produced under the highest standards to meet the demands of farmers and end-users.



DEVELOPED WITH RIGOROUS PRODUCTION STANDARDS, CANTERRA SEEDS BULK CERTIFIED SEED OFFERS GUARANTEED QUALITY, FREEDOM FROM IMPURITIES AND THE TRAITS YOU NEED. OUR PIPELINE IS BURSTING WITH NEW PRODUCTS!



Pulses & Special Crops

Add diversity to your crop plan with industry leading peas, flax, edible beans and canary seed varieties.



PEAS

	VARIETY	DESCRIPTION	Maturity	Pre-Harvest Lodging	Vine Length	Seed Shape	Seed Coat Breakage	TKW*
7	AAC Beyond 🔞	The NEW perfect pea package: high yield and high protein content	М	G	М	Round	F	215
Yellow	AAC Carver 🌘	The perfect package yellow pea	E	VG	L	Round	VG	240

 $A gronomic \ and \ disease \ ratings \ reflect \ provincial \ seed \ guide \ and/or \ official \ registration \ data.$



^{*}TKW = Thousand Kernel Weight.

PEAS

AAC Beyond



Yellow Pea

The NEW perfect pea package: high yield and high protein content

- Very high yields
- High protein content
- · Medium maturity



AAC Carver



Yellow Pea

The perfect pea package: high yielding and early maturity

- Very high yields
- Early maturity
- Suitable for all pea growing areas
- Large seed size and easy handling at harvest

Yield Performance



Seed 6





Seed Guides are used as sources for performance

Doubling Our Investment in Local Communities



In 2021, we donated a total of \$25,000 to local causes through our Rooted in the Prairies Project. This year, we have more than doubled our investment to causes nominated by Western Canadian farmers. Find out more at canterra.com/rooted-project.



Seed the Difference.™

FLAX

	VARIETY	DESCRIPTION	Maturity	Height	Lodging	lodine Value	Seed Size	Fusarium Wilt
Oilseed	CDC Neela 🐽	A flax with significant yield improvements	L	+2	G	198.3	М	MR
Oils	AC™ Prairie Thunder 🛞	Excellent agronomic package	М	-8	VG	194.7	М	MR

Agronomic and disease rating reflect provincial seed guide and/or official registration data. Height cm +/- CDC Bethune.





FLAX

FIELD NOTES

CDC Neela



Flax

An excellent variety with significant yield improvement over the current varieties

- · High yields
- · Excellent quality
- Good disease resistance package

Yield Performance

CDC Neela CDC Bethune

Seed Guides are used as sources for performance

EDIBLE BEANS

	VARIETY DESCRIPTION		Maturity	Growth Habit	TKW	Anthracnose
M	ND Palomino 🐞 VUA	A pinto variety with high yielding potential and the desirable slow-darkening trait, sought after by end users	L	2a	387	S
Pinto	SV6139GR High pods and good lodging resistance combine for great yields		Е	2a	335	S
	Windbreaker	A perfect fit for Manitoba dry bean-growing areas	М	2a	378	S

Maturity, growth habit, TKW and disease rating reflect MB Pulse Growers Trials and/or official registration data. Growth habit: 1 = determinate bush, 2a = indeterminate bush without guides.



CANARY SEED

	VARIETY	DESCRIPTION	Days to Head	Days to Maturity	Height	Test Weight	TKW
1	CDC Lumio	Very high yielding potential with great seed quality attributes	+2	+1	+3	70.2	8.4
Glabrous	CDC Cibo 🐽	The first yellow-groated variety	0	-1	-9	70.4	8.2
	CDC Calvi 🐽	Boasts a tremendous yield improvement	+2	+3	+4	71.5	8.3

 $Agronomic \ and \ disease \ ratings \ reflect \ provincial \ seed \ guide \ compared \ to \ CDC \ Maria. \ Height \ cm +/- \ CDC \ Maria. \ Test \ Weight \ lb/bu.$







GRAIN, SILAGE,& GRAZING CORN





PROUD TO OFFER PRIDE SEEDS

A seed distribution model built on a mutual commitment to providing top quality seed and customer service in Western Canada.

Your success is crucial to our success and each year we strive to deliver superb product performance. For grain, silage, and grazing corn, we are pleased to offer PRIDE Seeds' line up. Farmers and retailers have access to best-in-class seed solutions thanks to PRIDE Seeds' genetic innovation, industry-leading traits, and high performing hybrids.

- > Best-in-class genetics together with industry-leading traits and seed treatment protection.
- PRIDE Seeds' access to global research and state-of-the-art breeding technology through AgReliant Genetics.
- Agronomy guidance and product positioning to help you take full advantage of your seed's genetic potential.
- Comprehensive data collection through plot programs across Canada and the U.S., guiding corn suited for Western Canada.
- Superior seed quality driven by PRIDE Seeds dedicated production teams.



PRIDE SEEDS

Talk to your CANTERRA SEEDS Territory Manager and their robust network of retailers to purchase PRIDE Seeds corn products.

HIGH PERFORMING GRAIN CORN GENETICS FOR THE PRAIRIES

CORN

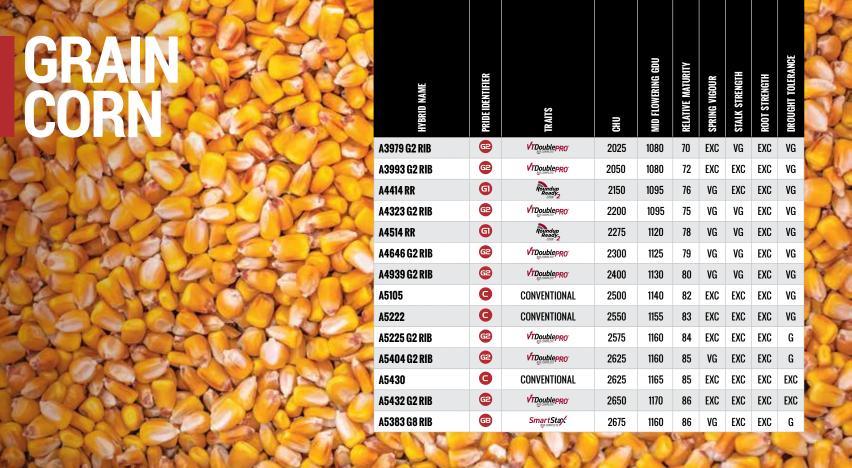
Through AgReliant Genetics, PRIDE Seeds has access to unique corn germplasm and a broad research program developing consistent, reliable hybrids. As the largest North American company focused solely on seed and invested heavily in genetic innovation, AgReliant Genetics can deliver one-of-a-kind, high performing hybrids farmers can't get anywhere else.

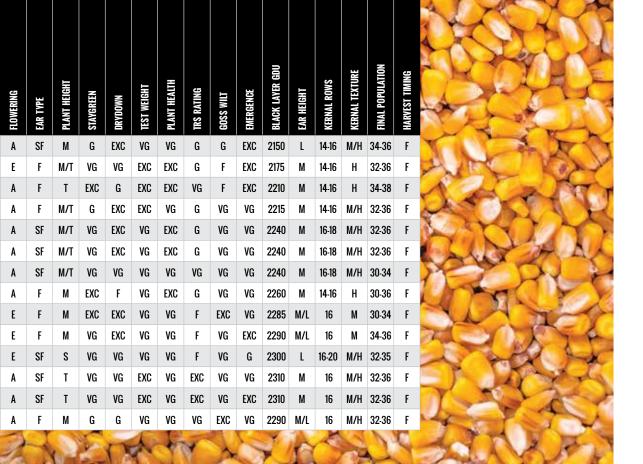
■ The PRIDE Seeds product line is derived from a global breeding program, designed to develop and select best-in-class corn hybrids for your farm.

72 DAYS		85 DAYS
EARLY	MID	FULL
A3979 G2 RIB	A4323 G2 RIB	A4939 G2 RIB
CHU: 2025	CHU: 2200	CHU: 2400 CHU
RM: 71	RM: 75	RM: 80
A3993 G2 RIB	A4646 G2 RIB	A5225 G2 RIB
CHU: 2050	CHU: 2300	CHU: 2575
RM: 72	RM: 79	RM: 84

CHU Corn Heat Units
RM Relative Maturity







RATINGS:

EXC Excellent VG Very Good G Good F Fair

PLANT HEIGHT:

Short Short M Medium M/T Medium Tall TTall V/T Very Tall

FLOWFRING:

E Farly E/A Early Average A Average L Late

GIBBERELLA EAR MOULD

1 Excellent 2 Very Good 3 Good 4 Susceptible

EAR TYPE:

F Fixed SF Semi-Flex FL Flex

M Medium M/H Medium Hard H Hard

HARVEST TIMING:

F Flexible T Timely

FAR HFIGHT:

M/I Medium Low

M/H Medium High

KERNAL TEXTURE:

Llow

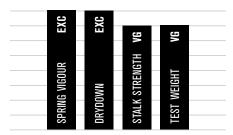
H High

M Medium

Characteristics are assigned by PRIDE® based on comparisons with other PRIDE® products (not competitive products) through in-house field testing, Individual results may vary, Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

A3979 G2 RIB

- Very strong early grain hybrid for shortseason maturity zones.
- > Excellent emergence and seedling vigour for a fast early season start.
- > Very nice ear girth and consistency.
- Flowers appropriate for heat unit rating with rapid drydown for maturity.
- Has shown very stable, high yield potential for maturity rating.

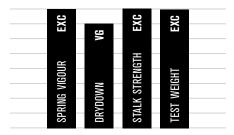




A3993 G2 RIB

2050 CHU

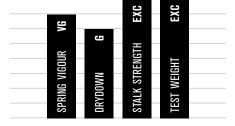
- Very early grain and grazing hybrid for short-season maturity zones.
- Rapid emergence and superb seedling vigour for a fast early season start.
- Very nice grain quality and ear consistency.
- > Brings consistent yield potential to this very early maturity zone highlighting its outstanding late-season standability and staygreen.





A4414 RR

- > Proven multi-purpose grain, silage and grazing hybrid.
- > Very strong stalks and root strength.
- > Visually attractive with fixed ear type.
- › Keep progressive populations to maximize yield.







A4323 G2 RIB

2200 CHU

- Ideal as grain corn hybrid with very rapid drydown.
- A medium/tall statured plant featuring consistent ear size and plant stature.
-) Good ear girth and length with excellent consistency in different environments.

A4514 RR

- High-performance Roundup Ready® grain hybrid.
- > Excellent yield performance potential with fast drydown.
- An attractive corn that has impressive staygreen and plant health.













A4646 G2 RIB

- High-performance dual-purpose grain and silage hybrid.
- Excellent yield potential with good drydown.
- An attractive corn that has impressive staygreen and plant health.
- > Well-balanced plant with nice stature.





A4939 G2 RIB

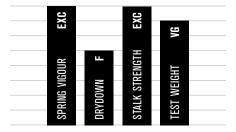
2400 CHU

- Proven track record over multiple years.
- > Strong yield potential across environments and populations.
- Great choice as dual-purpose grain and silage hybrid usage.
- Consistent, girthy ear style.
- Maintains plant integrity and attractive appearance through late-season.



- Conventional hybrid for 2500 CHU maturity range.
- A medium-statured plant featuring consistent ear size and plant stature.
- > Will respond to higher populations.
- > Very strong late-season intactness.





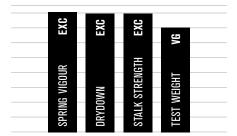






A5222 2550 CHU

- Conventional version of A5225 G2 RIB with consistent yield and excellent drydown.
- A medium-statured plant featuring strong agronomics.
- This grain hybrid has open flared husks for enhanced drydown.
- > Rapid emergence and strong spring vigour allow for early planting.
-) Best performance with aggressive populations.





A5225 G2 RIB

- Proven focus hybrid with outstanding performance over many years.
- A medium-statured plant featuring consistent yield potential and strong agronomics.
- This grain hybrid has open flared husks for enhanced drydown.









A5404 G2 RIB

2625 CHU

- > Short plant height with sturdy stalks.
- > Stout, blocky ear size, and girth.
-) Has shown very stable performance with top-end yield potential.
- > Early flowering allows for rapid grain setup.

A5430

2625 CHU

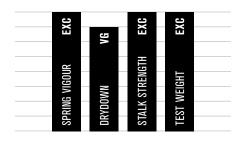
- > Conventional hybrid with proven performance and strong yield potential.
- > Flexible as a dual-purpose usage hybrid.
- > Early flowering with very strong lateseason intactness and stalk strength.
- > Great drought and stress tolerance.

A5432 G2 RIB

- > Proven performance with strong yield potential.
- > Flexible as a dual-purpose usage hybrid.
- > Early flowering with very strong lateseason intactness and stalk strength for a taller plant.







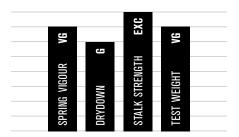






A5383 G8 RIB

- **>** Features above and below-ground insect trait protection.
- > Workhorse type hybrid with good defensive agronomics.
- Versatile hybrid adapted to all production systems.
- > Fixed ear type, full dent grain with good girth and flared husk.
- > Exhibits unique reddish grain.









PRIDE TRS SYSTEM

The PRIDE Total Ration Solutions (TRS) System goes beyond field appearance to ensure our hybrids deliver what matters most at harvest; yield, energy, digestibility, palatability and overall nutritional value.

Using testing and information programs, the PRIDE TRS System identifies hybrids which maximize silage yield potential and quality. Hybrids are further segmented into two groups:



Effective Digestible
Fibre (EDF) hybrids
are silage-specific
and offer the
advantage of high
digestibility and
palatability for
improved feeding
efficiency.



Effective Dual
Purpose (EDP)
hybrids offer
consistent high
energy and silage
quality PLUS the
flexibility to use
as a grain hybrid
depending on your
operational needs.



The PRIDE TRS System identifies our best forage products. Alfalfa together with EDF and EDP silage hybrids, varieties, and forage mixtures, are designed to meet the energy, digestibility, and protein needs of dairy and beef operations.

HIGH PERFORMING SILAGE CORN GENETICS FOR THE PRAIRIES

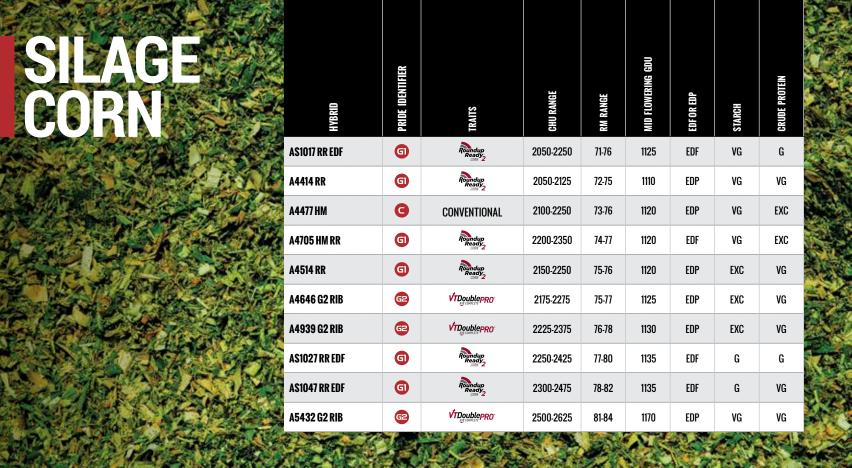
SILAGE CORN

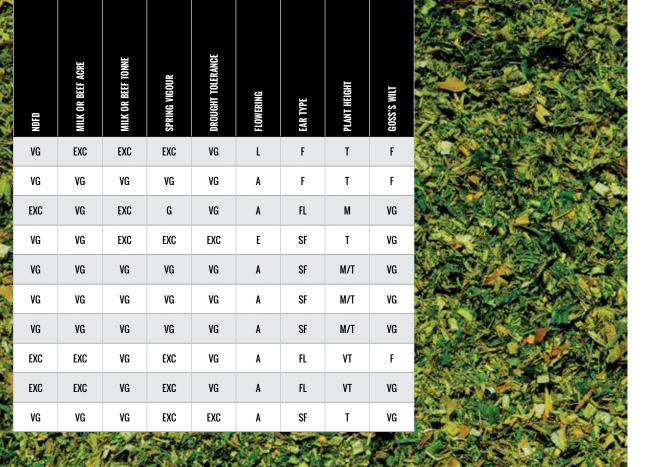
PRIDE Seeds' silage hybrids are bred with optimal herd performance in mind. Choose from silage-specific Effective Digestible Fiber (EDF) and Effective Dual Purpose (EDP) options with the flexibility to match your needs. Use the scale to the right to see which varieties meet your CHU requirements.

▶ PRIDE Seeds breeds, tests and produces silage corn hybrids, Focused on Performance.

2050 CHU		2575 CHU
EARLY	MID	FULL
AS1017 RR EDF CHU: 2050-2200	A4705 HM RR CHU: 2125-2350	AS1027 RR EDF CHU: 2250-2425
A4477 HM CHU: 2100-2250		AS1047 RR EDF CHU: 2300-2475
A4414 RR CHU: 2025-2125	A4646 G2 RIB CHU: 2175-2275	A5432 G2 RIB CHU: 2500-2625
A4514 RR CHU: 2150-2250	A4939 G2 RIB CHU: 2225-2375	







RATINGS:

EXC Excellent VG Very Good G Good F Fair

PLANT HEIGHT:

S Short M Medium M/T Medium Tall T Tall V/T Very Tall

FLOWERING:

E Early E/A Early Average A Average L Late

EAR TYPE:

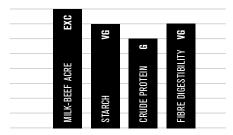
F Fixed SF Semi-Flex FL Flex

Characteristics are assigned by PRIDE® based on comparisons with other PRIDE® products (not competitive products) through in-house field testing. Individual results may vary. Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

AS1017 RR EDF

2025-2250 CHU

- Ideal choice for short-season silage production.
- Superb forage yields from an early silage, high-moisture corn, offering opportunity in shorter season growing areas.
- > Slow grain-drying rate preserves reliable and consistent feed quality at ideal moisture content.
- Strong emergence and aggressive spring vigour.





A4414 RR

2050-2125 CHU

- Features dual-purpose grain and silage characteristics.
- Combines early maturity with very good digestibility for high energy yield.
- > Stable performer on challenging sites where early harvesting is a necessity.
- Outstanding emergence, standability, and health.
- > Long-lasting staygreen.



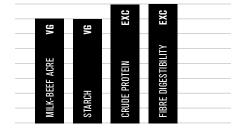




A4477 HM

2100-2250 CHU

- Conventional silage, high-moisture, and grazing corn, offering higher grain density and disease tolerance.
- > Features slow grain-drying rate and preserves reliable and consistent feed quality at ideal moisture content.
- Aggressive spring vigour for early maturity.

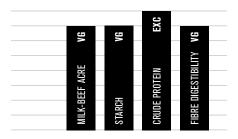




A4705 HMRR

2200-2350 CHU

- > Benchmark product for the silage, grazing, and high-moisture corn grower.
-) Ideal for securing an early harvest regardless of planting date.
- Slow grain drying rate preserves reliable and consistent feed quality at ideal moisture content for a wide harvest window.
- > Positive digestibility-to-starch ratio and exceptionally long- lasting staygreen.







A4514 RR

2150-2250 CHU

- > Roundup Ready® hybrid ideally suited for dual-purpose silage and grain usage.
- > Combines very good digestibility and high starch content for high energy yield.
- > Strong emergence, standability, and health.
- > Early grain maturity, ensuring a high starch content and an early harvest.









A4646 G2 RIB

2175-2275 CHU

 Dual-purpose silage and grain hybrid with the benefit of above-ground insect trait protection.

- Combines very good digestibility and high starch content for high energy yield.
- Strong emergence, standability, and plant health.
- > Early grain maturity, ensuring a high starch content and an early harvest.

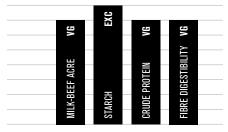


TDoublePRO*

A4939 G2 RIB

2225-2375 CHU

- A proven dual-purpose silage or grain hybrid choice for varying soil types. Ideal balance of forage yield and energy content.
- Maximum starch yield with rock-solid performance.
- Consistent top-end tonnage punch with flex ears.
- An excellent dual-purpose grain or silage hybrid choice for varying soil types.

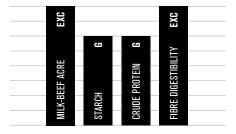




AS1027 RR EDF

2250-2425 CHU

- Strong choice for high moisture corn or silage feed.
- Rewards growers with high yields for an early harvest.
- Very tall plant with consistent ears that produce flint kernels on white cob.
- Excellent silage characteristics, yield and energy content.



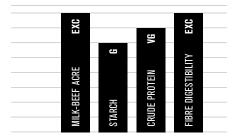




AS1047 RR EDF

2300-2475 CHU

- > Premium choice and long-term standard for high volume silage feed.
-) Massive dry matter type plant.
-) Big, very tall plant with girthy ears that produce flint kernels on white cob.
- Features consistent, heavy top-end tonnage.
- Slow plant and grain drying rate preserves reliable and consistent feed quality at ideal moisture content.







A5432 G2 RIB

2500-2625 CHU

- > Proven dual-purpose grain and silage hybrid performance.
-) Unrivalled starch content and productive starch yield.
- > Excellent drought and stress tolerance.
- > Early flowering for maturity rating.
- > Tall plant with consistent full ear and size.

9/6	VG	Ŋ	VG	
MILK-BEEF ACRE	STARCH	CRUDE PROTEIN	FIBRE DIGESTIBILITY	









GRAZING CORN

Feed costs have been identified as the single largest cost for livestock producers, making up 55% to 70% of the yearly total cost. Grazing corn through the winter is becoming a popular practice for many reasons, including the ability to reduce producers' feeding costs. Using grazing corn as a winter-feed practice can provide the following benefits:

- Comparable and healthier weight gain versus dry lot feeding.
- Reduced feed costs.
- > Reduced manure disposal costs.
- Improved land productivity.



HOW TO SELECT A HYBRID

- > Look for hybrids that produce high forage yields, high digestibility, low fibre levels, and high fibre digestibility.
- Select hybrids that offer weed control traits to maintain clean fields.
- > Select hybrids that are adapted to your area in terms of days to maturity, disease and insect resistance, drought tolerance, and tonnage.
- > Grazing corn should reach or be approaching maturity before a killing frost in order to provide the highest feed value possible.
- > Choose hybrids with known standability.

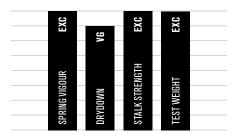
Ideally corn plants are close to 65% whole plant moisture before a killing frost to maximize feed efficiencies.



A3993 G2 RIB

1950-2025 CHU

- Very early grain and grazing hybrid for short season maturity zones.
- > Rapid emergence and superb seedling vigour for a fast early season start.
- Very nice grain quality and ear consistency.
- > Brings excellent yield potential to this very early maturity zone with outstanding late season standability.

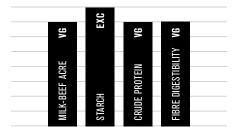




A4414 RR

2025-2125 CHU

- > Proven grazing hybrid.
- > Very strong stalks and root strength.
- > Visually attractive with fixed ear type.
-) Long lasting stay-green.







AS1017 RR EDF

2050-2200 CHU

- Ideal choice for short season silage production.
- Superb forage yields from an early silage, high-moisture corn.
- Highly digestible stalks, with good starch levels.
- > Slow grain-drying rate preserves reliable and consistent feed quality at ideal moisture content.



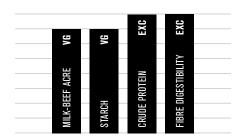




A4477 HM

2100-2250 CHU

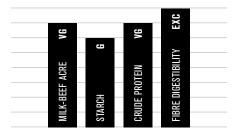
- Conventional silage, high-moisture and grazing corn, offering higher grain density and disease tolerance
- > Features slow grain-drying rate and preserves reliable and consistent feed quality at ideal moisture content.
- Aggressive spring vigour for early maturity zone.
- High starch levels provide excellent quality silage.



A4705 HM RR

2175-2250 CHU

- > Benchmark product for grazing corn.
- > Positive digestibility to starch ratio.
- Consistently high-quality energy content and intake potential.
- > Strong emergence and aggressive spring vigour for early maturity zone.
- Excellent for grazing use with high yield, nutritition and strong stalks.



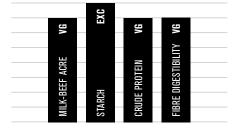






2150-2250 CHU

- > Roundup Ready® trait hybrid suited for grazing.
- Combines very good digestibility and high starch content for high energy yield.
- > Strong emergence, standability and health.
- > Early grain maturity, ensuring a high starch content.











ORDER NOW

Place your corn order at **canterra.com/order**

IT'S AS EASY AS 1-2-3

GO ONLINE Choose a PRIDE Seeds product at: canterra.com/order



ORDER Place your order with the seed retail of your choice.



PICK UP Complete the purchase at your seed retail.





mastericity fairners, for farmers and we are

CON convention to meeting the send needs of

diverse portfolio of top-quelity seed, cultivated

strategic global partnerships. We have been density realized to the prointer by the pret 25 pears, and we're committed to providing

To connect with a local **CANTERRA SEEDS Territory Manager, call:**

1.866.744.4321

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ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® Technology and Roundup Ready® 2 Technology contain genes that confer tolerance to glyphosate. LibertyLink® Technology contains genes that confer tolerance to glufosinate. Glyphosate will kill crops that are not tolerant to glyphosate. Glufosinate will kill crops that are not tolerant to glyphosate. Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-888-283-6847 for recommended weed control options.

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All other trademarks are the property of their respective owners.



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 the 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.











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