

# Product Guide 2019



**PRIDE SEEDS**



**CANTERRA  
SEEDS**

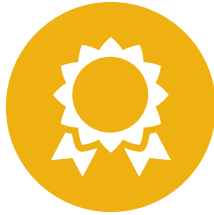


**We are a company created by farmers,  
for farmers, and we are 100% committed to seed.**



**WE INVEST**

locally in plant breeding  
and access a global network of  
germplasm and traits.



**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

TOLL-FREE SALES SUPPORT:  
1.866.744.4321



**Jim Bagshaw**

Director of Sales – 306.260.6722  
j.bagshaw@canterra.com



**Bret Gaetz**

Northeast Saskatchewan –  
306.874.7815  
b.gaetz@canterra.com



**Don Bonk**

Southern Saskatchewan – 306.331.9413  
d.bonk@canterra.com



**Nicole Morgan**

Central Alberta – 403.820.4864  
n.morgan@canterra.com



**Duane Briand**

Northcentral Alberta – 780.668.9750  
d.briand@canterra.com



**Page Newton**

Southern Alberta & Southwest  
Saskatchewan – 403.376.0760  
p.newton@canterra.com



**Joanna Forsberg**

Western Saskatchewan – 306.280.9678  
j.forsberg@canterra.com



**Colette Prefontaine**

Pedigreed Seed Territory Manager  
Western Prairies – 403.869.5509  
c.prefontaine@canterra.com



**Jackie Dudgeon**

Manitoba – 204.451.3929  
j.dudgeon@canterra.com



**Rick Love**

Pedigreed Seed Business Manager  
Eastern Prairies – 204.988.4683  
r.love@canterra.com



**Jesse Meyer**

Peace Country – 780.402.0724  
j.meyer@canterra.com



**Shaan Tsai**

Canola Product Manager  
204.479.6396  
s.tsai@canterra.com

## CORN AND SOYBEANS



**Darren Nykolation**

Market Development Manager  
Western Canada – 204.479.1736  
d.nykolation@canterra.com



**Bryan Waller**

Regional Manager  
Western Canada – 204.981.7772  
bwaller@prideseed.com



**Alana Serhan**

Market Development Agronomist  
Western Canada – 306.278.7797  
aserhan@prideseed.com



# BONUS REWARDS OVERVIEW

Germinating Success™ rewards farmers who support CANTERRA SEEDS' full portfolio of products on their farm.



**BUY A QUARTER**  
( 160 ACRES )



**CANTERRA SEEDS CANOLA**

*and receive*

**\$1.50** acre | reward on your canola

**PRIDE Seeds CORN**

*and receive*

**\$1.50** acre | reward on your corn

## BUY A HALF (320 ACRES)

### CANTERRA SEEDS CANOLA or PRIDE Seeds CORN

*and receive*

**\$3.00** acre | reward on your  
**CANTERRA SEEDS**  
canola

*and receive*

**\$3.00** acre | reward on your  
**PRIDE Seeds**  
corn

*and receive*

**\$1.00** acre | reward on your  
**PRIDE Seeds**  
soybeans

*and receive*

**\$0.25** acre | reward on your  
**CANTERRA SEEDS**  
pedigreed seed

— To participate, farmers must sign up online at [CANTERRA.COM](https://www.canterra.com) —

\*Offer valid on eligible CANTERRA SEEDS and PRIDE Seeds products only. Products may be purchased from any CANTERRA SEEDS retail partner. Visit [CANTERRA.com](https://www.canterra.com) for full details, including acreage conversion rates.

## REAP EVEN MORE REWARDS!

CANTERRA SEEDS products are eligible for BayerValue™ savings and Real Farm Rewards™.

### — 2019 Program Overview —



Rebates on Bayer seed treatment,  
herbicides and fungicides.

**300**acre | minimum canola,  
corn or soybean  
purchase

For more info visit  
[cropscience.bayer.ca/BayerValue](http://cropscience.bayer.ca/BayerValue)



Rebates on Roundup Ready®  
seed plus Acceleron BioAg™, crop  
protection and tank mix partners.

**32**bag | minimum  
canola  
purchase

For more info visit  
[RealFarmRewards.ca](http://RealFarmRewards.ca)

Watch out for 2020 program details in the fall.

\*Offer valid on eligible CANTERRA SEEDS and PRIDE Seeds products only. Products may be purchased from any one of CANTERRA SEEDS' retailer partners. Visit CANTERRA.COM for full details, including acreage conversion rates. Grower must sign up for Real Farm Rewards at RealFarmRewards.ca or for the BayerValue Program at BayerValue.ca. Real Farm Rewards™ is a trademark of Bayer Group, Monsanto Canada ULC licensee. BayerValue™ is a trademark of Bayer Group.





## SIGN UP TO PARTICIPATE

Name (as it should appear on the cheque) \_\_\_\_\_ Farm/Company Name \_\_\_\_\_

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Address, City/Town \_\_\_\_\_ Province \_\_\_\_\_ Postal Code \_\_\_\_\_

Phone Number \_\_\_\_\_ Email \_\_\_\_\_

The information below is not required, but will help us build better programs and offers for the future.

TSA# \_\_\_\_\_ Total Farmed Acres \_\_\_\_\_ Preferred Retailer(s) \_\_\_\_\_

Canola Acres \_\_\_\_\_ Corn Acres \_\_\_\_\_ Soybean Acres \_\_\_\_\_ Wheat Acres \_\_\_\_\_

Oat Acres \_\_\_\_\_ Barley Acres \_\_\_\_\_ Pea Acres \_\_\_\_\_ Other Acres \_\_\_\_\_

Do you have a farm partner(s)? \_\_\_\_\_ Special Offer details \_\_\_\_\_

Grower Signature \_\_\_\_\_ Date \_\_\_\_\_

**Privacy Notice:** By registering and participating in Germinating Success™, you consent to the collection, use and disclosure of your private information and transactional sales by CANTERRA SEEDS, its affiliates and partners. This will allow CANTERRA SEEDS to process your rebate program payment, and to help us better understand your farm operation, with the goal of providing you with products and programs that best fit your farming needs. CANTERRA SEEDS is committed to protecting your privacy. If you have any questions about the collection of your personal information, or complaints, or inquiries, you may contact us at [info@canterra.com](mailto:info@canterra.com) or by calling us at 204-988-9750.

# FIELD NOTES

---

---

---

---

---

---

---

---

---

---

---

---

---

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

CANOLA



**Canola**

# CANOLA

	VARIETY	DESCRIPTION	Maturity	Growing Zone	Height	Lodging	Blackleg	Clubroot	Additional CR Pathotypes	Straight-cut Potential	Yield
Genuity® Roundup Ready® Hybrid	CS2400	Early season value option with multigenic blackleg resistance	Early	Short	Short/ Medium	EXC	R-CX	S	–	Yes	104% of 75-45
	CS2300	Boasts big yields without falling down	Mid/ Full	Mid- Long	Medium/ Tall	EXC	R-C	S	–	No	104% of L252
	CS2100	A straight-cut hybrid with multigenic blackleg resistance	Mid/ Full	Mid- Long	Medium	VG	R-ACG	S	–	Yes	103% of L140P
	CS2000	Broadly adapted for all zones, with a unique form of clubroot resistance	Mid	All	Medium/ Tall	G	R-CE1	R	R to 5G, I to 5X, 30, 5K	No	100% of L241C

# CANOLA

CS2400



## Early Season Value Option with Multigenic Blackleg Resistance

- 3-4 days earlier than CS2000
- Multigenic blackleg resistance: R-CX
- Straight-cut option

CS2300



## Reach New Heights in Yield!

- Superior yield potential – rivals InVigor® L252
- Big pods
- Excellent lodging resistance

### Performance

CS2400

75-45

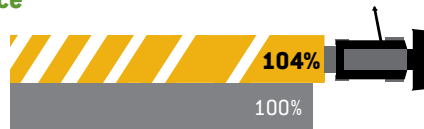


2017 Dealer Trial Results (n=3)

### Performance

CS2300

InVigor® L252



2017 Dealer Trial Results (n=6)

# CANOLA

CS2100

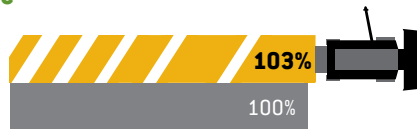


## Straight-cut Option with Strongest Blackleg Resistance Available

- 3 major genes of blackleg resistance: R-ACG
- Excellent straight-cut option: 103% of L140P
- Very good lodging resistance

### Performance

CS2100



2016 Straight-Cut Results (n=12)

CS2000



## Superior Disease Resistance, Superior Yield

- Unique clubroot resistance – R to clubroot with additional protection to 5G, 5X, 30, & 5K pathotypes.
- Yield leading clubroot hybrid
- Multigenic blackleg resistance: R-CE1

### Performance

CS2000



2017 Dealer Trial Results (n=10)

	VARIETY	DESCRIPTION	Maturity	Growing Zone	Height	Lodging	Blackleg	Clubroot	Additional CR Pathotypes	Straight-cut Potential	Yield
TruFlex™ canola Hybrid	<b>NEW</b> CS2600 CR-T*	A remarkable TruFlex™ canola hybrid with clubroot resistance and straight-cut potential	Early	Short+ Clubroot zones	Medium	VG	R-C	R	R to 5X, 2B	Yes	112% of 75-42CR
Clearfield® Hybrid	CS2500 CL	Excellent yield potential with crush premiums available	Mid	All	Medium/ Tall	EXC	R-C	S	–	No	100% of 74-44BL
	CS2200 CL	Clearfield® value option with multigenic blackleg resistance and crush premiums available	Mid/ Full	All	Medium	VG	R-AC	S	–	No	100.2% of 5525CL



# CANOLA

CS2600 CR-T **TruFlex**  
CANOLA with Roundup Ready<sup>®</sup> Technology



## Early-season TruFlex<sup>™</sup> Canola Hybrid with Unique Clubroot Resistance

- Unique clubroot resistance – R to clubroot with additional protection to 2B & 5X pathotypes
- Earlier maturing clubroot hybrid
- Pod-shatter tolerance – good straight-cut option
- TruFlex<sup>™</sup> canola trait – wider window of application with option for higher rates

## Performance



Multi-Year Breeder Plot Results (n=44)

## FIELD NOTES

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



CS2500 CL 



### Excellent Yield Potential with Crush Premiums Available

*Get Higher returns with Clearfield® Crush!*

- Excellent yield potential – 100% of 74-44 BL
- Excellent lodging resistance
- Eligible for both Viterra and Bunge Clearfield® crush programs

#### Performance



2016 Canola Performance Trial Results (n=13)

CS2200 CL 



### High Yielding Clearfield® Value Option with Multigenic Blackleg Resistance

*Get Higher returns with Clearfield® Crush!*

- Very good yield potential
- Multigenic blackleg resistance (R-AC)
- Clearfield® value option
- Eligible for both the Viterra and Bunge Clearfield® crush program

#### Performance



2016 Canola Performance Trial Results (n=29)

# Blackleg Ratings

**A new blackleg labelling system has been developed, helping you achieve better yields.**

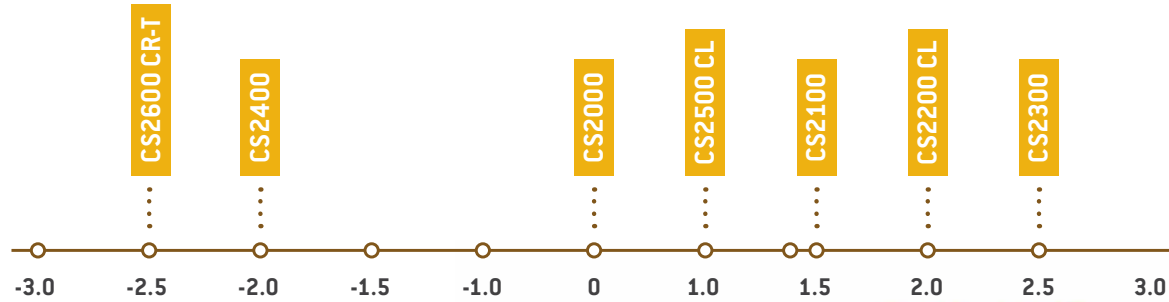
- 1** Submit a stubble sample to a lab to test what strains are in your field.
- 2** Choose a hybrid that defends against that strain.
- 3** Improve your blackleg resistance and boost yields!

CANTERRA SEEDS offers the most comprehensive set of resistance genes on the market, making us your go-to seed brand for blackleg defence.

VARIETY	RATING
CS2000	R-CE1
CS2100	R-ACG
CS2200 CL	R-AC
CS2300	R-C
CS2400	R-CX
CS2500 CL	R-C
CS2600 CR-T	R-C



# Relative Maturity Scale



## FIELD NOTES

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



# Wheat, Oats & Barley

WHEAT, OATS & BARLEY



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 has one of the most extensive trial networks in North America – rigorously testing products in the field to select the best varieties for farmers.



## **RAPID**

LCRC is combining traditional breeding methods with advanced techniques and technology – rapidly developing and deploying superior genetics.



## **ADDING VALUE**

A value creation system for new varieties will allow LCRC to continue providing farmers with more genetically superior options, into the long-term future.

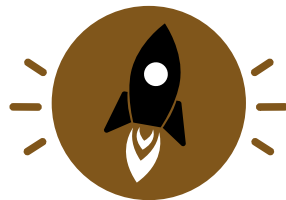
# NEW LCRC PRODUCTS



## CS DAYBREAK

A Canadian Western Red Spring wheat that offers:

- High grain yield (similar to 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









## CS ACCELERATE

A Canadian Prairie Spring Red wheat that offers:

- High grain yield (105% 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)
- Improved milling and functional quality

# WHEAT

	VARIETY	DESCRIPTION	Maturity	Height	Lodging	FHB	Stripe Rust	Leaf Rust	Stem Rust
CWRS	<b>NEW CS Daybreak</b> 	A high yielding variety with strong disease package best adapted to eastern prairies	M	+5	G	I	MR	MR	R
	<b>NEW CS Tracker</b> 	An early maturity variety with excellent rust resistance, suited to a broad geography	E	+5	VG	I	R	R	R
	<b>NEW CS Jake</b> 	A variety with very early maturity, great stripe rust resistance, and high protein content	VE	+7	VG	MS	R	MR	R
	<b>AAC Cameron VB</b> 	A very high yielding midge tolerant variety with lowest FHB symptoms and DON accumulation of all wheat varieties	M	+13	VG	I	S	MR	MR
	<b>AAC Connery</b> 	An awnless variety that combines early maturity with the benefits of short, strong straw and high protein	E	+3	VG	MR	R	MR	R
	<b>Thorsby</b> 	An awnless variety with early maturity and rust resistance, suited to a broad geography	E	+13	G	I	R	R	MR

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



# WHEAT

CS Tracker



NEW

## Canada Western Red Spring

An early maturing variety with excellent disease protection and quality proprieties

- High yielding potential with improved protein content over current varieties
- Early, similar to CDC Go [-4 days vs. Glenn and AAC Brandon]
- Broad adaptability due to its excellent overall disease resistance

### Maturity Performance (+/- 99 Days)

CS Tracker



Glenn

Seed Guides are used as sources for performance

CS Jake



NEW

## 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 CDC Go [-4.2 days vs. Glenn and AAC Brandon]
- Excellent candidate for the short growing regions in the Parkland areas


### Quality Performance (Protein)

CS Jake



Glenn

Seed Guides are used as sources for performance

	VARIETY	DESCRIPTION	Maturity	Height	Lodging	FHB	Stripe Rust	Leaf Rust	Stem Rust
CPSR	<b>NEW CS Accelerate</b> 	Very high yield with shorter straw. Improved milling quality.	M	-3	G	I	R	R	R
	<b>AAC Crossfield</b> 	A desirable combination of high yield, short, strong straw and early maturity; suitable for high inputs and irrigation	M	0	VG	I	R	R	R
CWAD	<b>NEW CDC Credence</b> 	High yielding with excellent quality profile, a high yellow pigment concentration and lower FHB symptoms	M	+7	VG	MS*	R	R	R
	<b>AAC Congress</b> 	A high-yielding durum wheat with superior end-use quality and consistent yields	M	+3	G	MS	R	MR	R
CNHR	<b>AC™ Conquer VB</b> 	Midge tolerance combined with high yield and quality	M	+8	G	MS	R	MR	R
CWRW	<b>AC™ Emerson</b> 	A game changer with first R-rating FHB resistance	M	-5	VG	R	R	I	R
	<b>AC™ Radiant</b> 	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 +/- AAC Brandon [CWRS and CPSR] and Strongfield [CWAD], CDC Buteo for fall seeded varieties.



# WHEAT

AAC Crossfield



## Canada Prairie Spring Red

High yielding and early maturing semi-dwarf wheat, suitable for intense management

- Higher yielding: 110% compared to leading variety in its class
- Short, strong straw, well suited for high inputs and irrigation
- Excellent all-around rust resistance (R to Stem, Leaf and Stripe Rust)

### Yield Performance

AAC Crossfield



AAC Penhold

100%

Seed Guides are used as sources for performance

AAC Congress



## Canada Western Amber Durum

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

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

### Yield Performance

AAC Congress





Strongfield

100%

Seed Guides are used as sources for performance

# OATS

	VARIETY	DESCRIPTION	Maturity	Height	Lodging	Test Weight	% Plump	Stem Rust	Crown Rust
White	CS Camden 	Grower and miller approved with high yields and improved quality	M	-9	VG	> AC Morgan	> AC Morgan	S	MS
	CDC Morrison 	An ingredient oat with higher levels of beta glucan	L	-8	VG	> AC Morgan	> AC Morgan	MS	R

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



# 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

## Yield Performance

AAC Camden



Summit

Seed Guides are used as sources for performance

## FIELD NOTES

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



# BARLEY

	VARIETY	DESCRIPTION	Maturity	Height	Lodging	Awn	Test Weight	FHB
2-Row Malting	AAC Connect 	Excellent malt quality with yield and agronomic improvements	M	-3	G	R	50	MR
	Bentley 	Good malting quality, excellent grain and forage yield	M	0	G	R	52	MS
	CDC PlatinumStar 	Agronomically similar to CDC Copeland with the LOXISTAR™ characteristic	M	+3	F	R	53	MR
	CDC GoldStar 	A high yielding variety that contains the LOXISTAR™ characteristic	M	0	G	R	52	MS
6-Row Malting	Celebration 	Disease resistance and yield excellence in a 6-row variety	M	+5	G	S	49	MS
2-Row Feed	Canmore 	Excellent lodging resistance and improved feed conversion	M	+1	VG	R	52	I
	CDC Coalition 	A proven leader in yield and standability	L	-6	VG	R	53	I

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

AAC Connect  

## 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

### Yield Performance

AAC Connect



AC Metcalfe

Seed Guides are used as sources for performance

Canmore 

## 2-Row Feed Barley

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

- 10% higher yield than the leading variety in its class
- Short, strong straw, well suited for high inputs and irrigation
- Excellent all-around rust resistance (R to Stem, Leaf and Stripe Rust)

### Height (CM)

Canmore



CDC Austenson

Seed Guides are used as sources for performance

## FIELD NOTES

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---



PULSES & SPECIALTY CROPS

# Pulses & Specialty Crops



# PEAS

	VARIETY	DESCRIPTION	Maturity	Pre-Harvest Lodging	Vine Length	Bleaching	Seed Coat Breakage	TKW*
Yellow	AAC Carver 	The perfect package yellow pea	E	VG	+4	N/A	VG	240
	AC™ Agassiz 	The industry standard yellow pea	M	G	+10	N/A	G	233
Green	AAC Comfort 	High yields and excellent quality	M	G	+1	G	N/A	255
	Cooper 	Good yield potential, especially under powdery mildew conditions	L	G	+5	G	F	270

Agronomic and disease ratings reflect provincial seed guide and/or official registration data. Vine Length cm +/- Cutlass.

\*TKW = Thousand Kernel Weight.



# PEAS

AAC Carver



## Yellow Pea

The perfect pea package: high yielding and early maturity

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

## Yield Performance

AAC Carver



CDC Meadow

100%

Seed Guides are used as sources for performance

## FIELD NOTES

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

# FLAX

	VARIETY	DESCRIPTION	Maturity	Height	Lodging	Iodine Value	Seed Size	Fusarium Wilt
Oilseed	CDC Neela 	A new flax with significant yield improvements	L	+2	G	198.3	M	MR
	AC™ Prairie Thunder 	Excellent agronomic package	M	-8	VG	194.7	M	MR
	AC™ Lightning 	High oil quality and protein content	L	-5	G	192.5	M	MR

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



# FLAX

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

100%

Seed Guides are used as sources for performance

## FIELD NOTES

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

# EDIBLE BEANS

	VARIETY	DESCRIPTION	Maturity	Growth Habit	TKW	Anthrachnose
Pinto	Windbreaker	A perfect fit for Manitoba dry bean-growing areas	M	2a	378	S
	SV6139GR 	High pods and good lodging resistance combine for great yields	E	2a	335	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
Glabrous	CDC Cibo 	The first yellow-groated variety	-1	-1	-5	70.3	8.3
	CDC Calvi 	Boasts a tremendous yield improvement	+3	+3	+7	71	8

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



## CANTERRA SEEDS is proud to distribute PRIDE Seeds hybrid corn and soybean seed.

---



Farmers in Western Canada may now purchase the complete portfolio of PRIDE Seeds hybrid corn, soybean seeds and have access to agronomic resources only through the CANTERRA SEEDS retailer network in Manitoba, Saskatchewan and Alberta.

The PRIDE Seeds product line is derived from a global breeding and testing program, designed to develop and select best-in-class corn hybrids and soybean varieties. The breeding program uses a proprietary process called double haploid breeding, along with molecular marker technology, to identify the key characteristics in their top-performing seed.

PRIDE Seeds also conducts annual WATCH (Western Advanced Testing & Commercialization Hub) Trials in

partnership with farmers across the Prairies. These trials put corn hybrids through their paces in the Western Canadian environment, generating accurate performance results based on actual farming practices and growing conditions to help farmers make informed purchasing decisions.

Matching these best-in-class seed genetics with Western Canada-tested traits optimizes and mitigates many of the risks associated with crop production. Matching the strength of the CANTERRA SEEDS sales team with PRIDE Seeds performance-focused lines of silage corn hybrids, grain corn hybrids and soybeans delivers the most comprehensive seed portfolio to farmers in Western Canada.







# Corn & Soybeans

# GRAIN CORN

VARIETY	CHU	Relative Maturity	Mid Flowering GDU	Traits	PRIDE Identifier	Herbicide Tolerance	Spring Vigour	Stalk Strength	Root Strength	Drought Tolerance	Flowering	Ear Type	Plant Height	Staygreen	Drydown
A3993G2 RIB	2025	72	1080	VT2PRIB	62	Roundup®	EXC	VG	EXC	VG	E	F	M	VG	VG
A4199G2 RIB	2150	75	1090	VT2PRIB	62	Roundup®	EXC	G	EXC	G	E	F	M	G	G
A4414RR	2150	76	1095	RR	G1	Roundup®	VG	EXC	EXC	VG	A	F	T	EXC	G
A4514RR	2275	78	1120	RR	G1	Roundup®	VG	VG	EXC	VG	A	SF	MT	VG	EXC
A4646G2 RIB	2300	79	1125	VT2PRIB	62	Roundup®	VG	VG	EXC	VG	A	SF	MT	VG	EXC
A4939G2 RIB	2400	81	1130	VT2PRIB	62	Roundup®	VG	VG	EXC	VG	A	SF	MT	G	VG
A5092	2450	81	1125	Conventional	C		VG	EXC	EXC	EXC	E	F	MT	VG	EXC
A5225G2 RIB	2575	84	1160	VT2PRIB	62	Roundup®	EXC	EXC	EXC	VG	E	F	M	G	EXC
A5430	2625	85	1165	Conventional	C		EXC	EXC	EXC	VG	A	SF	T	VG	VG
A5432G2 RIB	2650	86	1170	VT2PRIB	62	Roundup®	EXC	EXC	EXC	VG	A	SF	T	VG	VG

Characteristics are assigned by PRIDE® based on comparisons with other PRIDE® products (not competitive products) through in-house field testing. Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.



VARIETY	Test Weight	Plant Health	Goss's Wilt	Emergence	Black Layer GDU	Kernel Rows	Kernel Texture	Gibberella Ear Mould	Husk Coverage	Final Population	Harvest Timing
A3993G2 RIB	EXC	EXC	G	EXC	2175	14	Hard	2	Adequate	34-36	Flexible
A4199G2 RIB	VG	VG	G	EXC	2180	14	Medium Hard	1	Flared	32-34	Mid
A4414RR	EXC	EXC	F	VG	2180	16	Hard	1	Adequate	32-36	Flexible
A4514RR	VG	EXC	VG	VG	2240	16	Medium Hard	1	Adequate	32-36	Flexible
A4646G2 RIB	VG	EXC	VG	VG	2240	16-18	Medium Hard	1	Adequate	32-36	Flexible
A4939G2 RIB	VG	VG	VG	VG	2241	16-18	Medium Hard	2	Extended	32-36	Flexible
A5092	EXC	VG	VG	VG	2248	14-16	Medium	1	Adequate	34-38	Flexible
A5225G2 RIB	VG	VG	VG	EXC	2290	16	Hard	2	Flared	34-36	Flexible
A5430	EXC	VG	VG	VG	2310	16	Hard	2	Adequate	32-36	Flexible
A5432G2 RIB	EXC	VG	VG	VG	2310	16	Hard	2	Adequate	32-36	Flexible

### Traits

RR = Roundup Ready® Corn 2 

VT2PRIB = VT Double PRO® RIB Complete® 

Roundup® = 

### SYMBOLS USED

#### Plant Height:

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

#### Flowering:

- E** Early
- E/A** Early Average
- A** Average
- L** Late

#### Ear Type:

- F** Fixed
- SL** Semi-Flex
- FL** Flex

#### For All Others:

- F** Fair
- G** Good
- VG** Very Good
- EXC** Excellent

#### Gibberella Ear Mould:

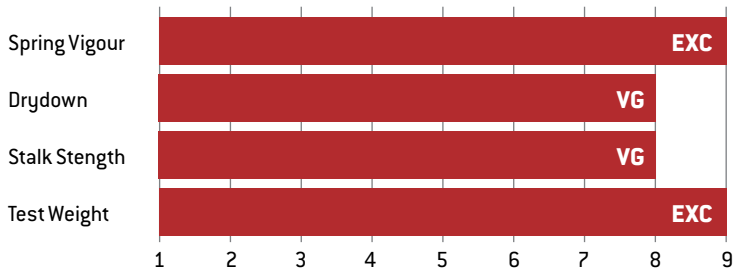
- 1** Excellent
- 2** Very Good
- 3** Good
- 3** Susceptible

# GRAIN CORN

A3993G2 RIB - 2025   

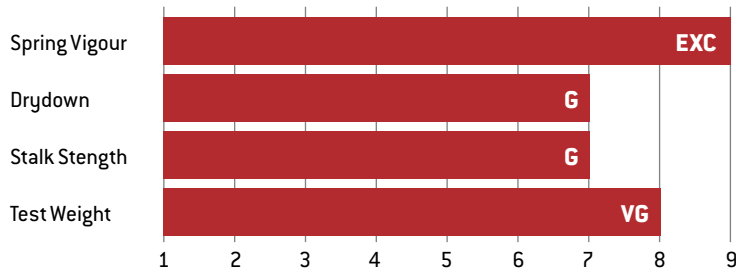


- Very early grain and grazing hybrid for short season maturity zones
- Rapid emergence and superb seedling vigour for a fast early season start
- Early flowering and early maturing
- Very nice grain quality and consistency
- Brings excellent yield potential to this very early maturity zone



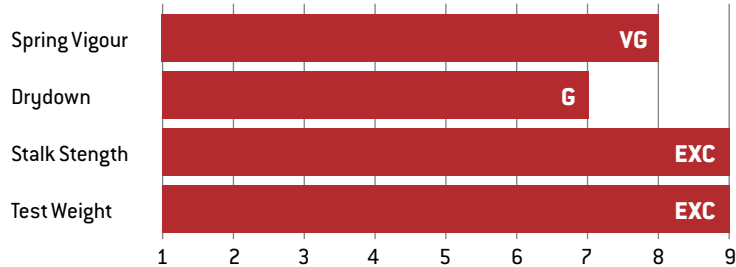
A4199G2 RIB - 2150   

- Dependable yield performance potential
- Rapid emergence and superb seedling vigour for a fast stand establishment
- Early flowering and early maturing
- Nice grain quality and consistency



## A4414RR - 2150

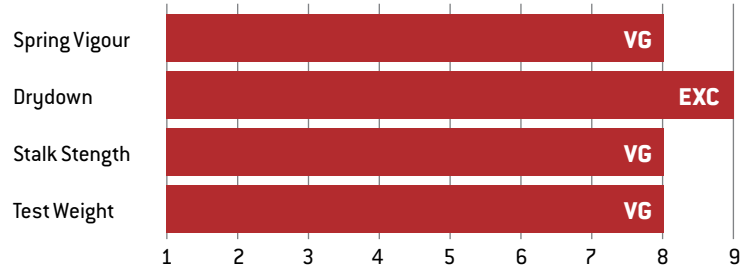
- Consistent multi-purpose grain, silage and grazing hybrid
- Very strong stalks and root strength
- Visually attractive with fixed ear type
- Keep progressive populations to maximize yield



## A4514RR - 2175



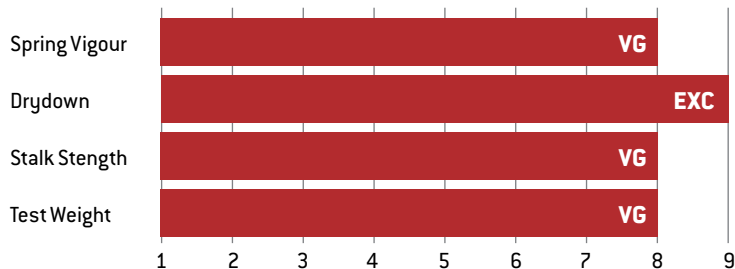
- High performance Roundup Ready® dual-purpose grain and silage hybrid
- Excellent yield performance potential with fast drydown
- Fast stand establishment and very good seedling vigour makes it a good choice for early planting



# GRAIN CORN

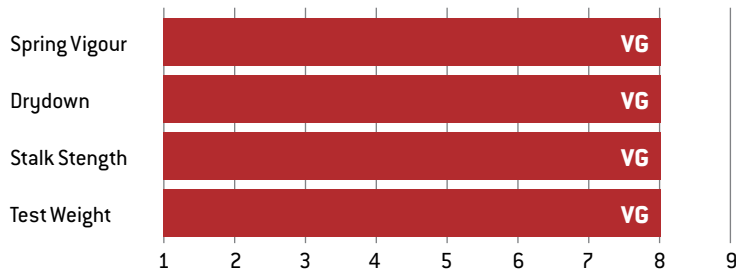
A4646G2 RIB - 2300   

- High performance, dual-purpose grain and silage hybrid
- Excellent yield performance potential with fast drydown
- Fast stand establishment and very good seedling vigour make it a good choice for early planting
- Well balanced plant with nice stature



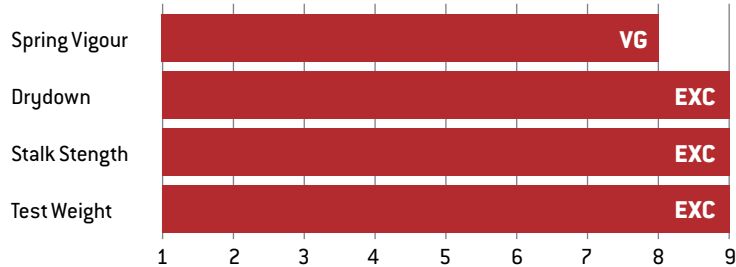
A4939G2 RIB - 2400   

- A focus hybrid that has a proven track record over multiple years
- Tremendous yield potential across various environments and populations
- Great choice as dual-purpose grain and silage hybrid
- Consistent, girthy ear style
- Maintains plant integrity and attractive appearance through late season



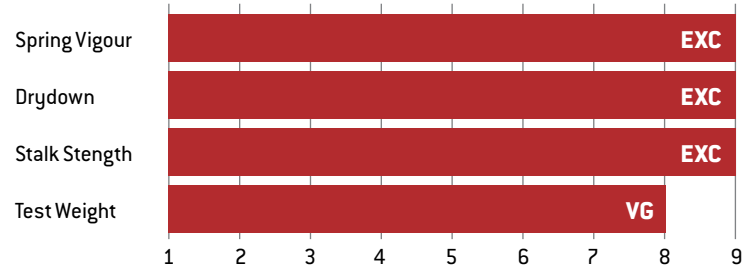
## A5092 - 2450

- Features early flowering and finish
- Consistent, long ear length with deep kernels
- Easily adapts to all environments, including stressed soils
- Exceptional late season stalk strength and intactness



## A5225G2 RIB - 2575

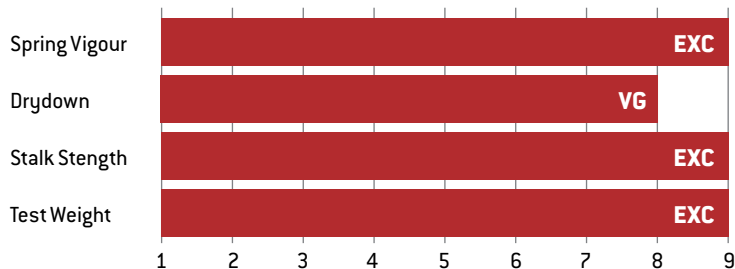
- Proven focus hybrid with outstanding performance over many years
- A medium statured plant featuring consistent yield potential and strong agronomics
- This grain hybrid has open flared husks for enhanced drydown
- Rapid emergence and strong spring vigour to allow for early planting
- Best performance with aggressive populations.
- Medium/Short blocky ear style



# GRAIN CORN

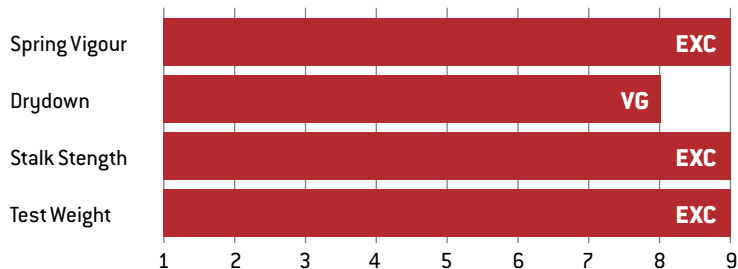
A5430 - 2625 

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



A5432G2 RIB - 2650   

- Proven performance with strong yield potential
- Flexible as a dual-purpose hybrid
- Early flowering with very strong, late season intactness and stalk strength
- Great drought and stress tolerance





# PRIDE TRS

At PRIDE Seeds, we go beyond field appearance to ensure our hybrids deliver what matters most at harvest: yield, energy, digestibility, palatability and overall nutritional value. Our team can help you manage your crop from start to finish, from variety selection, agronomics, harvest and storage management, to helping you maximize the yield, quality potential and performance you need to improve the productivity of your herd investment. Maximize milk and meat production per acre with PRIDE TRS.

## What is PRIDE TRS?

PRIDE Total Ration Solutions (TRS) is the testing and information program we use to identify our best forage products. Alfalfa, together with Effective Digestible Fibre (EDF) and Effective Dual Purpose (EDP) silage hybrids, varieties and forage mixtures, are designed to meet the energy, digestibility and protein needs of dairy and beef operations today.

**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.



**PRIDE SEEDS**

# SILAGE CORN

VARIETY	CHU Range	RM Range	Mid Flowering GDU	Trait	PRIDE Identifier	Herbicide Tolerance	EDF or EDP	Starch	Crude Protein	NDFD	Milk Or Beef Acre	Milk or Beef Tonne	Spring Vigour
AS1017RR EDF	2050-2250	71-75	1125	RR	G1	Roundup®	EDF	VG	VG	VG	VG	VG	VG
A4414RR	2050-2175	72-75	1110	RR	G1	Roundup®	EDP	EXC	VG	VG	VG	VG	VG
A4477HM	2150-2250	73-77	1120	Conventional	C		EDF	VG	EXC	EXC	VG	EXC	EXC
A4705HMRR	2225-2350	74-77	1120	RR	G1	Roundup®	EDF	G	VG	EXC	VG	VG	EXC
A4514RR	2200-2325	74-76	1120	RR	G1	Roundup®	EDP	EXC	VG	VG	VG	VG	EXC
A4646G2 RIB	2225-2350	75-77	1125	VT2PRIB	G2	Roundup®	EDP	EXC	VG	VG	VG	VG	EXC
A4939G2 RIB	2250-2375	77-80	1130	VT2PRIB	G2	Roundup®	EDP	EXC	VG	VG	VG	VG	VG
AS1027RR EDF	2275-2450	78-81	1135	RR	G1	Roundup®	EDF	G	VG	EXC	EXC	EXC	EXC
AS1037RR EDF	2275-2450	78-81	1140	RR	G1	Roundup®	EDF	VG	VG	EXC	EXC	EXC	EXC
AS1047RR EDF	2275-2475	78-82	1135	RR	G1	Roundup®	EDF	G	VG	EXC	EXC	EXC	EXC
A5432G2 RIB	2425-2575	81-84	1170	VT2PRIB	G2	Roundup®	EDP	VG	VG	VG	VG	VG	EXC

VARIETY	Drought Tolerance	Flowering	Ear Type	Plant Height	Goss's Wilt	Emergence	Stalk Strength	Root Strength	Staygreen	Plant Health
AS1017RR EDF	VG	L	F	VT	G	EXC	EXC	EXC	EXC	EXC
A4414RR	VG	E	F	T	F	EXC	EXC	EXC	VG	EXC
A4477HM	VG	A	FL	M	VG	G	EXC	EXC	EXC	EXC
A4705HMRR	EXC	E	SF	T	VG	VG	EXC	EXC	EXC	VG
A4514RR	VG	A	FL	MT	VG	EXC	VG	EXC	VG	EXC
A4646G2 RIB	VG	A	FL	MT	VG	EXC	VG	EXC	VG	EXC
A4939G2 RIB	VG	A	SF	MT	VG	EXC	VG	EXC	G	VG
AS1027RR EDF	EXC	A	SF	VT	G	VG	VG	EXC	EXC	EXC
AS1037RR EDF	EXC	A	F	T	G	VG	EXC	EXC	EXC	EXC
AS1047RR EDF	VG	A	FL	VT	VG	G	EXC	VG	EXC	VG
A5432G2 RIB	EXC	E	SF	T	VG	VG	EXC	EXC	VG	VG

## SYMBOLS USED

### Plant Height:

**S** Short  
**M** Medium  
**M/T** Medium Tall  
**T** Tall  
**VT** Very Tall

### Ear Type:

**F** Fixed  
**SL** Semi-Flex  
**FL** Flex

### For All Others:

**F** Fair  
**G** Good

### Flowering:

**E** Early  
**E/A** Early Average  
**A** Average  
**L** Late

**VG** Very Good  
**EXC** Excellent  
**NDFD** 48 Hour  
 Neutral Detergent Fibre

## Traits

**RR** = Roundup Ready® Corn 2



**VT2PRIB** = **VT Double PRO**

**Roundup®** =

VT Double PRO® RIB Complete®



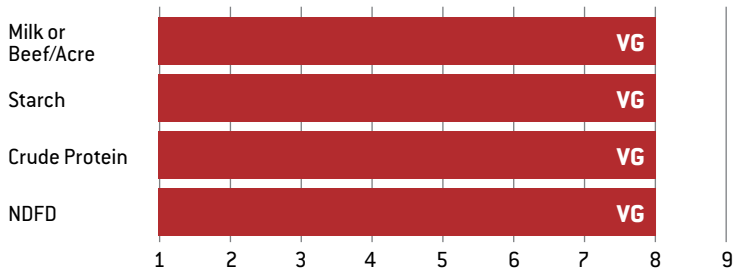
Characteristics are assigned by PRIDE® based on comparisons with other PRIDE® products (not competitive products) through in-house field testing. Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

# SILAGE CORN

AS1017RR EDF - 2050-2250



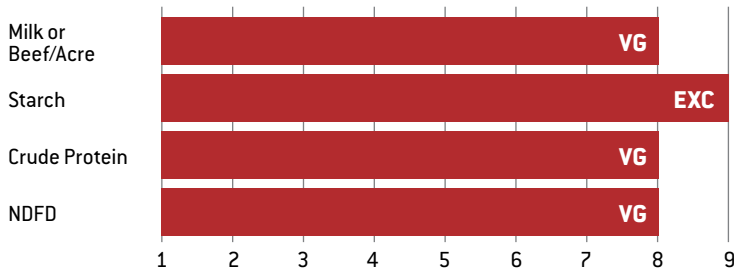
- Early silage, high-moisture corn, offering opportunity in shorter season growing areas
- Slow grain-drying rate preserves reliable and consistent feed quality at ideal moisture content
- Strong emergence and aggressive spring vigour
- Tall uniform plant height. Produces consistent ear size, producing flint kernels on white cob



A4414RR - 2050-2175

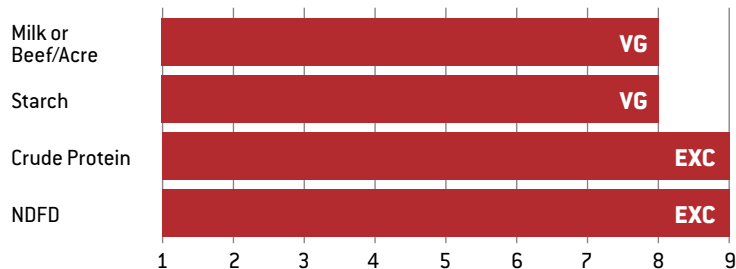


- Features dual-purpose characteristics
- Combines early maturity with very good digestibility for high energy yield
- Outstanding emergence, standability and health
- Long lasting staygreen
- Early grain maturity ensuring a high starch content and an early harvest



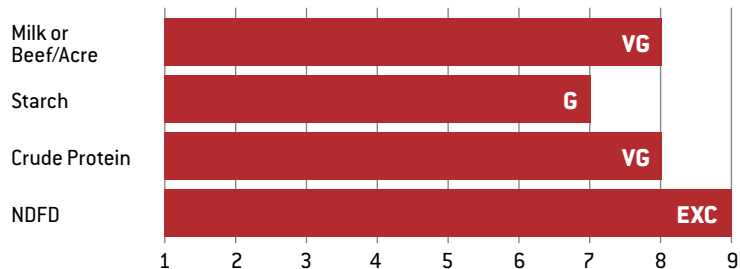
## A4477HM - 2150-2250

- Conventional silage, high moisture, higher grain density and disease tolerance
- Slow grain-drying rate preserves reliable and consistent feed quality at ideal moisture content
- Exceptional emergence and aggressive spring vigour for early maturity zone
- High starch levels provide excellent quality silage
- Excellent for grazing use with high yield, nutrition and strong stalks





## A4705HMRR - 2225-2350

- Benchmark product for the silage, grazing and high moisture corn farmer
- Slow grain-drying rate preserves reliable and consistent feed quality at ideal moisture content for a wide harvest window
- 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, nutrition and strong stalks

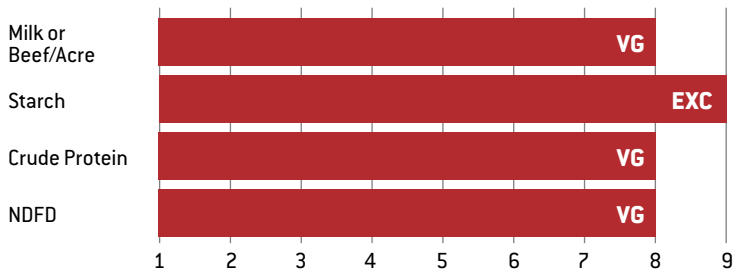





# SILAGE CORN

A4514RR - 2200-2325  



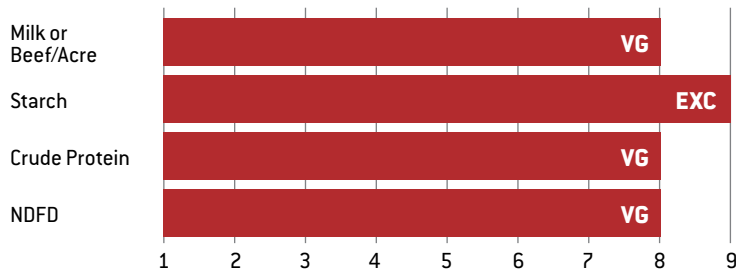
- NEW dual-purpose grain and silage. Roundup Ready® hybrid ideally suited for 2225 CHU regions
- Combines very good digestibility and high starch content for high energy yield
- Strong emergence, standability and health
- Early grain maturity ensures a high starch content and an early harvest






A4646G2 RIB - 2225-2350   

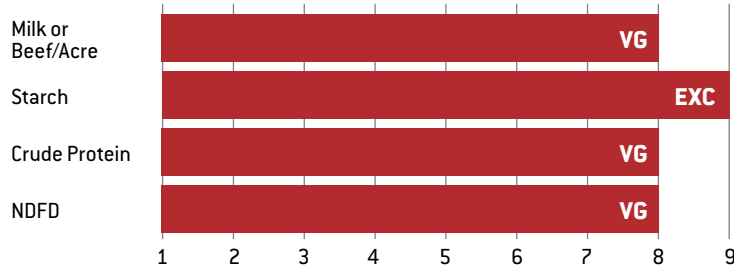





- Dual-purpose grain and silage hybrid ideally suited for 2250 CHU regions
- Combines very good digestibility and high starch content for high energy yield
- Strong emergence, standability and health
- Early grain maturity ensures a high starch content and an early harvest



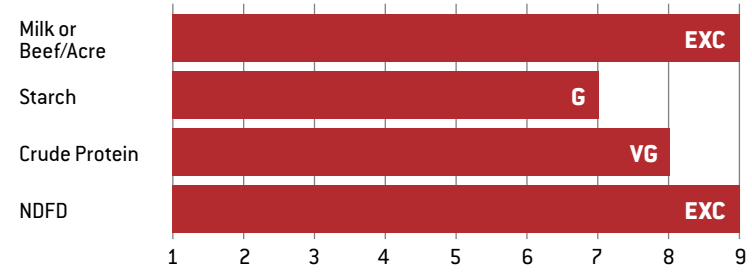
A4939G2 RIB - 2250-2375   

- 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
- Very good nutritional grain quality, outstanding health and agronomics
- Good option for high quality silage with a high energy content and starch levels



AS1027RR EDF - 2275-2450   

- NEW introductory choice for high moisture corn or silage feed
- Very tall plant with consistent ears that produces flint kernels on white cob
- Excellent silage characteristics, yield and energy content
- Slow grain and plant-drying rate preserves reliable and consistent feed quality at ideal moisture content
- Excellent choice for beef feedlot farmers
- Additional staygreen nature for a wider harvest window

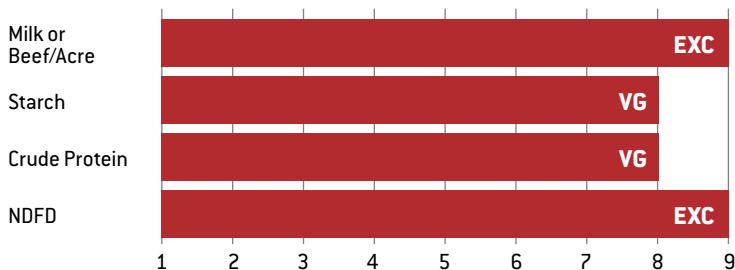


# SILAGE CORN

AS1037RR EDF - 2275-2450



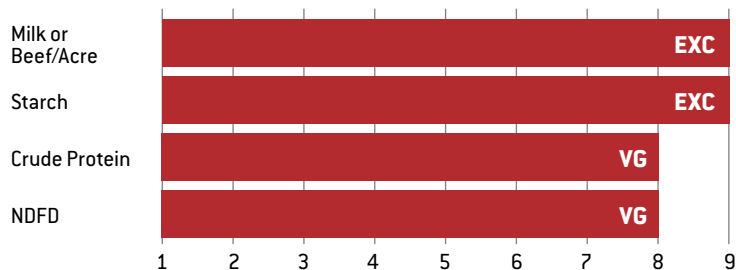
- High performance choice for high moisture corn or silage feed
- Tall plant with consistent ears that produce flint kernels on white cob
- Excellent silage characteristics, yield and energy content
- Slow grain and plant drying rate preserves reliable and consistent feed quality at ideal moisture content
- Additional staygreen nature for a wider harvest window
- Outstanding health and standability



AS1047RR EDF - 2275-2475



- Premium choice for high moisture corn or silage feed. Mass type, high volume plant
- Big, tall plant with girthy ears that produce flint kernels on white cob
- Features consistent, heavy topend tonnage
- Slow plant and grain drying rate preserves reliable and consistent feed quality at ideal moisture content
- Extremely well-suited for beef feedlot farmers



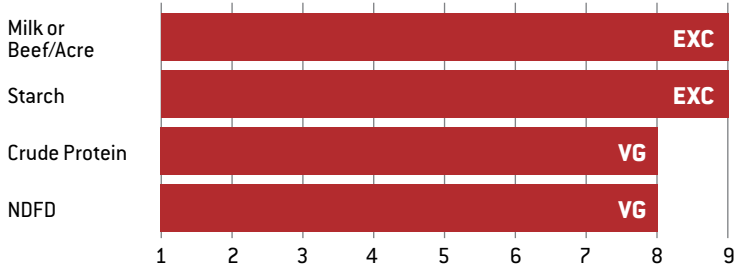


# FIELD NOTES

A5432G2 RIB - 2425-2575



- Unrivalled starch content and productive starch yield
- Excellent drought and stress tolerance
- Early flowering for maturity rating
- Medium-Tall plant with consistent full ear size
- Increased energy for more milk/beef produced
- Good emergence, early vigour, standability and health ensures maximum performance



---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---


---

# GRAZING CORN

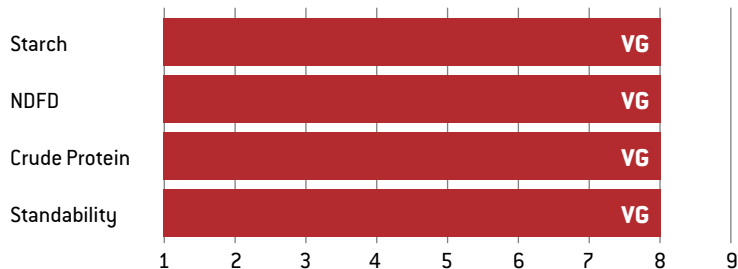
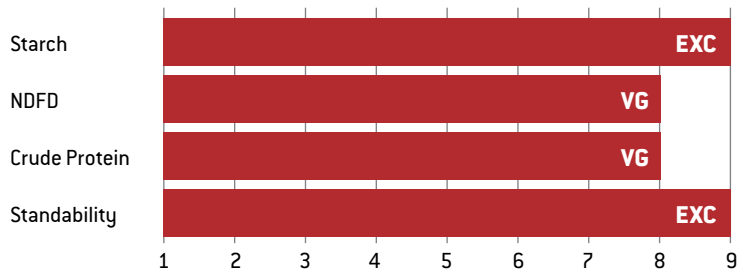
A3993G2 RIB - 2025 CHU   

- Very early grazing corn for short season maturity Zone
- Rapid emergence and superb seedling vigour
- Excellent starch levels, with strong grain quality
- Strong stalks, and plant health make it an excellent choice for grazing



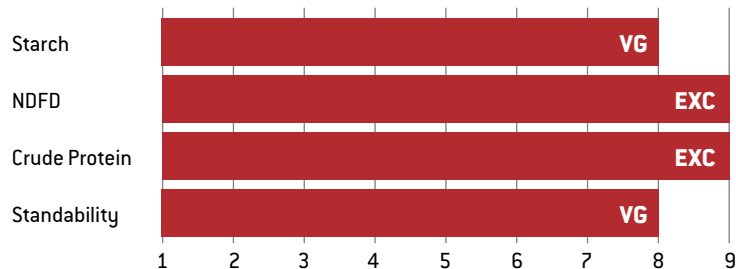
AS1017RR EDF - 2150 CHU  

- Robust, aggressive plant type with consistent ear size
- Slower grain-drying rate with a consistent feed quality
- Highly digestible stalks, with good starch levels
- Strong emergence and aggressive spring vigour



## A4477HM - 2200 CHU

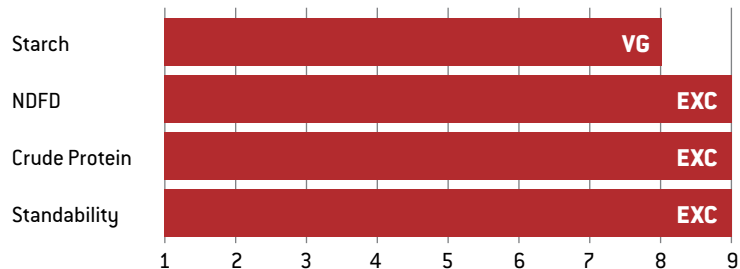
- Conventional hybrid with higher grain density and disease tolerance
- Exceptional emergence and aggressive spring vigour
- High starch levels provide an excellent feed source
- A strong choice for grazing with high yield, nutrition and strong stalks



## A4705HMRR - 2225 CHU



- Benchmark product for grazing corn
- Consistently high quality, energy content and intake
- Strong emergence and an aggressive plant type
- Proven hybrid with high yield, nutrition and strong stalks

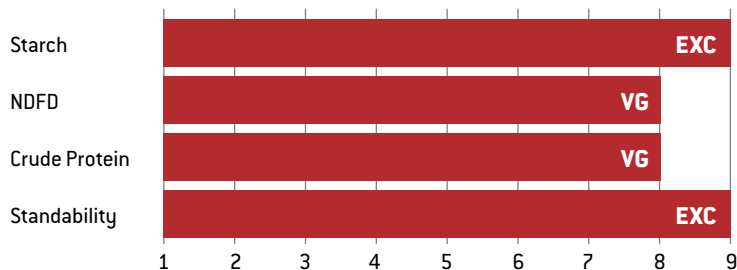


# GRAZING CORN

A4514RR - 2250 CHU



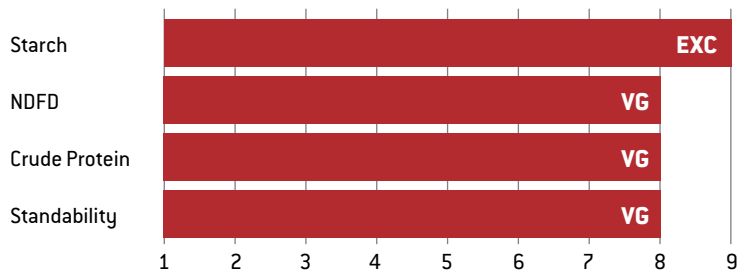
- Exciting new straight Roundup Ready® hybrid
- Strong emerging variety with excellent standability
- Combines very good digestibility and high starch content for high energy feed
- Early grain maturity ensures a high starch content
- Starch EX, Crude Protein VG, NDFD VG, Standability Ex



A4646G2 RIB -  
2300 CHU



- New traited hybrid for grazing corn market
- Combines very good digestibility and high starch content for high energy yield
- Strong emergence, standability and plant health

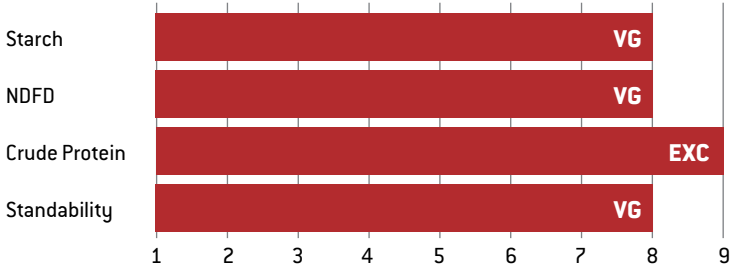


## FIELD NOTES

### AS1037RR EDF - 2450 CHU



- High performance choice for grazing corn
- Tall plant with consistent ear size
- Outstanding plant health and standability
- Excellent yield and energy content along with high digestibility make this hybrid a strong grazing corn
- Starch VG, Crude Protein VG, NDFD EX, Standability VG



# SOYBEANS

VARIETY	Maturity Group	CHU	Traits	Phytophthora Resistance Gene	Phytophthora Field Tolerance	White Mould Resistance	Sudden Death Syndrome	IDC – Rating (1-5) Grouping	Hilum Colour	Pubescence	Plant Height	Canopy	Emergence
PS 0044 XRN	00.4	2425	RR2Xtend	Rps 1k	G	EXC	NR	1.9 ST	BL	T	M	M	EXC
PS 0068 XR	00.6	2450	RR2Xtend	Rps 1c	EXC	VG	NR	1.7 T	BL	T	T	MB	EXC
PS 0074 R2	00.7	2475	-	-	G	G	NR	1.7 T	BR	T	M/T	B	EXC

\*IDC = Iron Deficiency Chlorosis

Characteristics are assigned by PRIDE® based on comparisons with other PRIDE® products (not competitive products) through in-house field testing. Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.



VARIETY	Standability	No-Till Adaptability	Soil Type			Row Width 7"/ 18cm	Row Width 15" - 22" / 38cm-56cm	Row Width 30"/ 76cm	SCN Resistance
			Sand	Clay	Loam				
PS 0044 XRN	EXC	EXC	VG	VG	EXC	EXC	VG	G	R3
PS 0068 XR	EXC	EXC	VG	EXC	EXC	VG	EXC	EXC	
PS 0074 R2	EXC	EXC	EXC	VG	EXC	G	EXC	EXC	

### SYMBOLS USED

#### Plant Height:

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

#### For All Others:

- F** Fair
- G** Good
- VG** Very Good
- EXC** Excellent

#### Canopy:

- SL** Slender
- M** Medium
- M/B** Medium Bushy
- B** Bushy

#### Soybean Cyst

#### Nematode Resistance:

- R1** Resistance to Race 1
- R3** Resistance to Race 3
- MR3** Moderately resistant to Race 3 SCN

#### Ear Type:

- F** Fixed
- SL** Semi-Flex
- FL** Flex

### Traits

**RR2Y** = Roundup Ready 2 Yield®



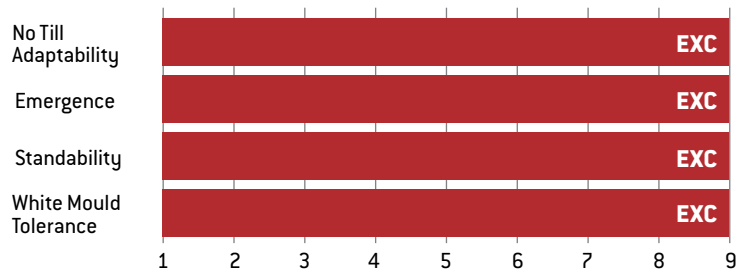
**RR2Xtend** = Roundup Ready 2 Xtend®



# SOYBEANS

PS 0044 XRN - 2425  

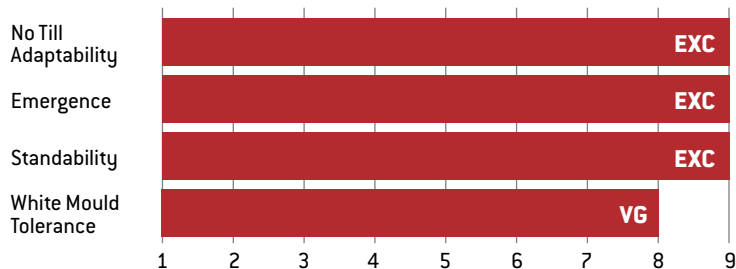
- Roundup Ready 2 Xtend® variety.
- Ideally suited for the early to mid-MG00 season zones' broad acre placement as it has very good stress tolerance, an excellent disease package and strong yield potential.
- Value-added SCN and Phytophthora Rps 1k root rot protection and Semi-Tolerant IDC rating.
- Provides tolerance to dicamba and glyphosate herbicides.



PS 0068 XR - 2450 



- Roundup Ready 2 Xtend® variety ideally suited for the mid-MG00 season zones.
- An excellent disease package along with Tolerant IDC rating and very good stress tolerance.
- Phytophthora Rps 1c root rot protection.
- Provides tolerance to dicamba and glyphosate herbicides.



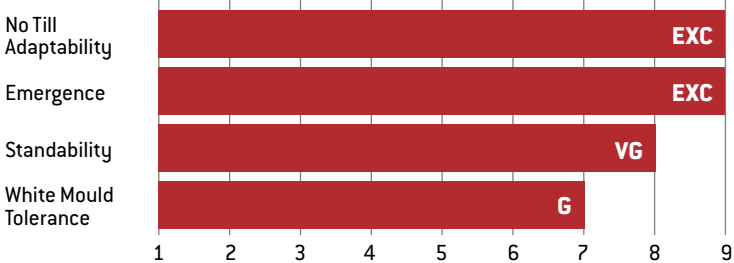


# FIELD NOTES

PS 0074 R2 - 2475



- Proven Roundup Ready 2 Yield<sup>®</sup> variety ideally suited for the long season MG00 market area.
- Continues to meet high expectations with strong performance year after year.
- Tolerant IDC rating.
- Excellent branching and aggressive canopy.
- Ideal variety for 30" row widths.



**Monsanto Company is a member of Excellence Through Stewardship® (ETS).** Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto'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. Excellent Through Stewardship® is a registered trademark of Excellence Through Stewardship.

**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.**

Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate, and those containing dicamba will kill crops that are

not tolerant to dicamba. Contact your Bayer dealer or call the Bayer technical support line at 1-800-667-4944 for recommended Roundup Ready® Xtend Crop System weed control programs. Roundup Ready® technology contains genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate. Acceleron BioAg™, Genuity and Design®, Genuity®, Real Farm Rewards™, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup®, TruFlex™ and VT Double PRO® are trademarks of Bayer Group, Monsanto Canada ULC licensee. BayerValue™ is a trademark of the Bayer Group.

Clearfield and the unique Clearfield symbol are registered trademarks of BASF Agrochemical Products B.V.; INVIGOR® is a registered trade-mark of BASF; all used with permission by BASF Canada Inc.

PRIDE® & Design and P® & Design are registered trademarks of AgReliant Genetics Inc.

All other trademarks are the property of their respective owners.





**CANTERRA  
SEEDS**



[canterra.com](http://canterra.com)



[@canerraseeds](https://twitter.com/canerraseeds)



[/canerraseeds](https://www.facebook.com/canerraseeds)



[behindtheseeds.ca](http://behindtheseeds.ca)