



# 2019 PRODUCT GUIDE

WESTERN CANADA



## WE BELIEVE IN MAKING YOUR LIFE EASIER

Choosing seeds to plant can be complex with options and promises coming at you from all sides. Brevant™ seeds wants to change all that. Our focused portfolio of products is designed to give you consistent, reliable performance year after year. You will get the latest innovations from the best-in-class global R&D program from Corteva Agriscience™, combined with the assurance that all of our hybrids and varieties are tested locally so you can be confident they will perform on your farm.

We're here in your community, ready to answer questions, solve problems and support your business. We're here to serve you.



# CONTENTS

Canola	3
Soybeans	9
Corteva Agriscience™ Crop Protection	15



Brevant™ seeds and Pioneer® brand D-Series canola hybrids offer a range of powerful traits to choose from within Roundup Ready® and Clearfield® production systems. New Optimum® GLY\* and LibertyLink®\* canola hybrids are on the way, making Brevant seeds one of the first canola seed brands to offer farmers all four herbicide tolerant systems.

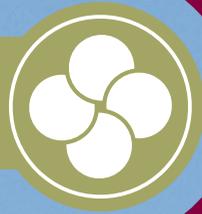
## MARKET FLEXIBILITY

Our canola hybrids also let you gain access to both commodity and production contract growing options. You have the flexibility to farm the way you want with high-value contracts, the open market – or both.



\*Pending approval in key export markets.

# CANOLA





**BREVA<sup>TM</sup> SEEDS CANOLA HYBRIDS FOR NEXERA<sup>TM</sup> CONTRACTS**

HYBRID	TRAIT	CHARACTERISTICS	RATINGS R: Resistant N: Non-resistant
1022 RR		<ul style="list-style-type: none"> <li>• High yield potential</li> <li>• Strong early-season vigour</li> <li>• Long-season maturity</li> <li>• Good standability</li> <li>• Easy to harvest</li> </ul>	Clubroot: N Multi-gene blackleg: R Fusarium wilt: R Pod-shatter reduction: No
1024 RR		<ul style="list-style-type: none"> <li>• High yield potential</li> <li>• Strong early-season vigour</li> <li>• Mid- to long-season maturity</li> <li>• Excellent standability</li> <li>• Easy to harvest</li> </ul>	Clubroot: R Multi-gene blackleg: R Fusarium wilt: R Pod-shatter reduction: No
1026 RR		<ul style="list-style-type: none"> <li>• High yield potential</li> <li>• Excellent early-season vigour</li> <li>• Mid- to long-season maturity</li> <li>• Outstanding disease package</li> <li>• Excellent lodging resistance and standability</li> <li>• Easy to harvest</li> </ul>	Clubroot: R Multi-gene blackleg: R Fusarium wilt: R Pod-shatter reduction: No
<b>NEW</b> 1028 RR		<ul style="list-style-type: none"> <li>• Excellent disease package</li> <li>• Good early-season vigour</li> <li>• 110% yield of internal checks in 2017 R&amp;D small plot trials</li> </ul>	Clubroot: R Multi-gene blackleg: R Fusarium wilt: R Pod-shatter reduction: No



BREVANT™ SEEDS CANOLA HYBRIDS FOR NEXERA™ CONTRACTS			
HYBRID	TRAIT	CHARACTERISTICS	RATINGS R: Resistant N: Non-resistant
2024 CL	 Clearfield Production System for Canola	<ul style="list-style-type: none"> <li>• Good early-season vigour</li> <li>• Good disease package</li> <li>• Excellent yield potential</li> <li>• Suitable for straight cutting</li> <li>• Excellent lodging resistance and standability</li> </ul>	Clubroot: N Multi-gene blackleg: R Fusarium wilt: R Pod-shatter reduction: Yes
2026 CL	 Clearfield Production System for Canola	<ul style="list-style-type: none"> <li>• Excellent early-season vigour</li> <li>• Good disease package</li> <li>• Mid- to long-season maturity</li> <li>• Consistent yields across growing regions</li> <li>• Excellent lodging resistance and standability</li> <li>• Easy to harvest</li> </ul>	Clubroot: N Multi-gene blackleg: R Fusarium wilt: R Pod-shatter reduction: No
<b>NEW</b> 2028 CL	 Clearfield Production System for Canola	<ul style="list-style-type: none"> <li>• Excellent disease package</li> <li>• 102% yield of internal checks in 2017 R&amp;D small plot trials</li> </ul>	Clubroot: R Multi-gene blackleg: R Fusarium wilt: R Pod-shatter reduction: No

BREVANT SEEDS FOR NEXERA CONTRACTS ARE AVAILABLE FROM





**PIONEER® BRAND D-SERIES CANOLA HYBRIDS**

HYBRID	TRAIT	CHARACTERISTICS	RATINGS R: Resistant N: Non-resistant
<b>D3156M</b>		<ul style="list-style-type: none"> <li>• HarvestMax trait</li> <li>• High yield potential</li> <li>• Very good standability</li> </ul>	Clubroot: N Blackleg: R Fusarium wilt: R Pod-shatter reduction: Yes
<b>D3155C</b>		<ul style="list-style-type: none"> <li>• Defends against disease without compromising yield</li> <li>• Protects against five different races of clubroot (2, 3, 5, 6 and 8)</li> </ul>	Clubroot: R Multi-gene blackleg: N Fusarium wilt: R Pod-shatter reduction: No
<b>D3153</b>		<ul style="list-style-type: none"> <li>• Fast emergence</li> <li>• Mid-season maturity</li> <li>• Easy to harvest</li> <li>• High yield potential</li> <li>• Exceptional standability</li> </ul>	Clubroot: N Blackleg: R Fusarium wilt: R Pod-shatter reduction: No
<b>D3154S</b>		<ul style="list-style-type: none"> <li>• Outstanding sclerotinia resistance</li> <li>• Mid-season maturity</li> <li>• High yield potential</li> </ul>	Clubroot: N Blackleg: R Fusarium wilt: R Sclerotinia resistance: R* Pod-shatter reduction: No  <small>*Field results show that Pioneer Protector® Sclerotinia Resistance can reduce the incidence of sclerotinia in a canola crop by over 60%. Individual results may vary. Depending on environmental and agronomic conditions, growers planting Pioneer Protector® Sclerotinia Resistant hybrids may still require a fungicide application to manage sclerotinia in their crop.</small>



**Book Brevant™  
seeds canola or  
Pioneer® brand  
D-Series canola  
by Oct. 16, 2018**

**SAVE \$50**  
per bag!\*

\*Corteva Agriscience™ canola brands include Brevant seeds and Pioneer brand D-Series. Contract, book or purchase your Corteva Agriscience brand canola by Oct. 16, 2018 to qualify. Minimum 40 bag purchase of any combination of Corteva Agriscience brand canola hybrids required to qualify. Savings will be paid as a rebate based on actual spring 2019 seed purchases. Corteva Agriscience reserves the right to amend this offer at any time.



## **Which canola hybrid is right for you?**

We want to help you find the perfect Brevant seeds canola or Pioneer brand D-Series canola hybrids for your farm, and we've made it easy with our new hybrid selector tool.

**Visit [Brevant.ca/canola-hybrids](http://Brevant.ca/canola-hybrids)  
to try it out!**

Brevant™ seeds offers you high-performing  
soybean varieties ideal for Western Canadian  
growing conditions.

 **BREVANT™**  
seeds

# SOYBEANS





# NAMING SYSTEM

SOYBEAN + CANADA + BREVANT™ SEEDS



Relative maturity is one of the most important considerations when choosing a soybean variety. Our new naming system lets you see, at a glance, a variety's overall relative maturity group (such as 00 or 000) and then its relative maturity within that group so that you can make the most informed choice for your growing conditions.

\*Registration pending.



VARIETY	TRAIT	CHARACTERISTICS
<p><b>NEW</b> <b>B0040L1*</b></p> <p>HU 2350 RM 00.4</p>		<ul style="list-style-type: none"> <li>• Excellent yield potential in all growing environments and planting systems</li> <li>• Excellent field appearance with tawny pubescence</li> <li>• Good IDC (iron deficiency chlorosis) tolerance</li> </ul>
<p><b>B0064S1</b></p> <p>HU 2450 RM 00.6</p>		<ul style="list-style-type: none"> <li>• Performs well in all row widths and planting practices</li> <li>• Excellent field emergence</li> <li>• Medium-tall plant height</li> <li>• SCN (soybean cyst nematode) resistant</li> <li>• Good plant standability</li> <li>• Phytophthora Rps 1k resistance gene will allow good growth on heavy soils</li> </ul>
<p><b>B0067Z1</b></p> <p>HU 2450 RM 00.6</p>		<ul style="list-style-type: none"> <li>• Excellent yield potential for maturity</li> <li>• Strong emergence, medium to short plant height</li> <li>• Good Phytophthora root rot tolerance</li> </ul>

\*Registration pending.



				DISEASE/PEST CHARACTERISTICS							SOIL TYPE	
Variety	Traits	HU	Relative Maturity	SCN	White Mould	PRR Gene	PRR Tolerance	Iron Chlorosis	SDS Rating	Brown Stem Rot	Drought Prone	Poorly Drained
<b>NEW B0040L1*</b>	RR2Y	2350	00.4	No	n/a	None	7	6	5	4	R	R
<b>B0064S1</b>	RR2Y	2450	00.6	Yes	7	rps 1k	8	6		-	HR	R
<b>B0067Z1</b>	RR2Y	2450	00.6	No	7	None	7	7		8	R	R

\*Registration pending.





Variety	PLANT CHARACTERISTICS										
	Avg. Seed/lb	Canopy Type	Plant Height	Flower	Pubescence	Pod Colour	Emergence	Lodging Score	Hilum Colour	% Protein	% Oil
<b>NEW B0040L1*</b>	3100	Medium-Bushy	Medium	Purple	Tawny	Brown	8	7	Brown	n/a	n/a
<b>B0064S1</b>	2597	Medium	Medium-Tall	Purple	Tawny	Brown	9	7.5	Black	40.9	20.3
<b>B0067Z1</b>	2672	Medium	Medium-Short	n/a	Tawny	Tan	8	6.5	Black	39.0	22.8

\*Registration pending.

## SOYBEANS AGRONOMIC CHART LEGEND

### Numerical Ratings:

1 = Poor  
 9 = Excellent  
 – = Rating not available

### Ratings:

R = Recommended  
 HR = Highly Recommended  
 NR = Not Recommended

### Phytophthora Race Resistance:

rps 1a = Races 1, 2, 10-13, 15-18, 24, 26, 27  
 rps 1c = Races 1-3, 6-11, 13, 15, 17, 21-24  
 rps 1k = Races 1-11, 13-15, 17, 18, 21-24, 26

RR2Y = Roundup Ready 2 Yield® Soybean

Conv = Conventional



## **TOGETHER IN PURSUIT OF PERFORMANCE**

### **CORTEVA AGRISCIENCE™, AGRICULTURE DIVISION OF DOWDUPONT**

At Brevant™ seeds, we aim to make your life easier. As the new seed brand from Corteva Agriscience™, Agriculture Division of DowDuPont, we're doing just that by offering everything you need under one roof, including the complete Corteva Agriscience™ lineup of advanced crop protection product solutions and powerful chemistry to help you get the most out of every acre.

Talk to your local Corteva Agriscience Territory Manager to find out more about how we can help you succeed.



**CROP  
PROTECTION**



## Lumiderm<sup>®</sup> insecticide seed treatment

# PROTECT YOUR CANOLA SEED INVESTMENT.

### KEY BENEFITS

- Control of early-season cutworms in canola
- Enhanced protection against crucifer and striped flea beetles
- New class of chemistry (Group 28) for resistance management
- Excellent early-season seedling stand establishment, vigour and biomass
- Up to 35 days of protection through the critical stages of seedling growth

### SEE THE LUMIDERM DIFFERENCE IN CUTWORM CONTROL

Cutworms are a real problem in canola production. If you're not paying close attention to your fields, they can destroy a significant portion of your crop in a matter of days.

- Cutworms are very difficult to detect since they typically live underground during the day and feed at night
- During the first 35 days of seedling growth, Lumiderm<sup>®</sup> helps protect your canola from cutworm feeding, which can enhance early-season stand establishment and crop vigour

### HOW DO YOU KNOW IF DUPONT<sup>™</sup> LUMIDERM<sup>®</sup> INSECTICIDE SEED TREATMENT IS WORKING?

- Cutworms usually stop feeding with as little as one or two bites of canola seedlings from canola seed treated with Lumiderm
- Lumiderm is fast acting – control is generally achieved within 72 hours of feeding

### SEE THE LUMIDERM DIFFERENCE IN ENHANCING FLEA BEETLE PROTECTION

Crucifer and striped flea beetles can cause significant damage to canola crops across Western Canada. Lumiderm insecticide seed treatment offers enhanced protection against flea beetles, to help maximize your canola yield.

- Lumiderm provided a 35% reduction in flea beetle damage, 14-35 days after seeding, in 192 trials across Western Canada\*
- Growers have achieved a 1.4 bu/acre advantage over the standard treatment across Western Canada\*\*

\*DuPont Research & Development (replicated) trials and Grower Demo strip trials (2010-2015).

\*\*Canola yield averaged across 137 DuPont demonstration strips in Western Canada from 2013-2015.



Standard treatment



Lumiderm treatment



Standard treatment



Lumiderm treatment





# INTRODUCING NEW DUPONT™ LUMISENA™ FUNGICIDE SEED TREATMENT FOR SOYBEANS

NEW Lumisena™ provides the best protection against phytophthora for healthier, more vigorous soybean stands and higher yield potential.

## Lumisena™ fungicide seed treatment

### KEY BENEFITS

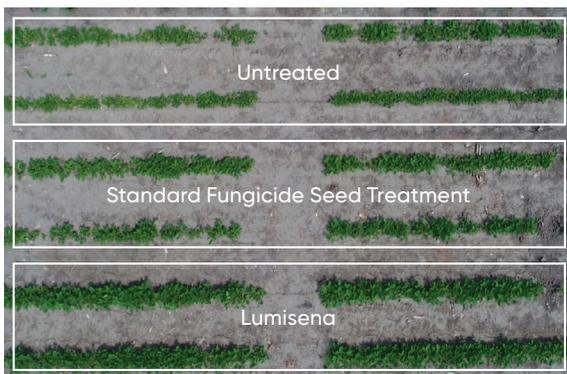
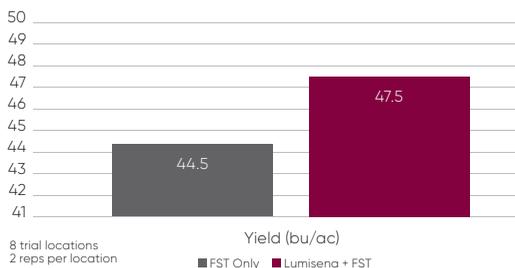
- Most advanced seed-applied technology to protect against phytophthora and downy mildew
- Enhances emergence and vigour to maximize yield potential
- Improves soybean plant stands
- New class of chemistry for improved above- and below-ground disease control

### PROTECTION AGAINST PHYTOPHTHORA

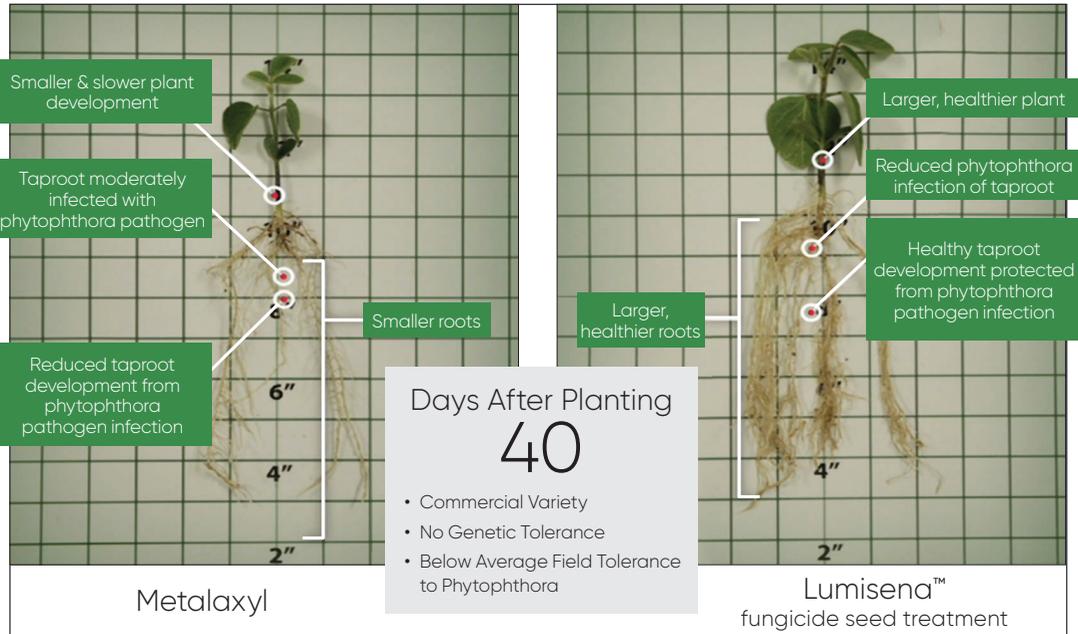
- Phytophthora is the #1 disease in soybeans and can significantly reduce yields
- NEW Lumisena fungicide seed treatment offers an entirely new mode of action to provide the best protection against phytophthora and downy mildew
- Seed treatment research has demonstrated that Lumisena will provide greater protection against phytophthora than existing seed treatments

### Lumisena Soybean Research Authorization Trial Results

2017 Lumisena ST Yield Data - Canada, Moderate to High Pressure



In multi-year, on-farm seed treatment research trials under phytophthora pressure, Lumisena improved plant stands by increasing the number of plants per acre versus the existing industry-standard seed treatment.



## LOOK AT THE RESULTS

The first six weeks are important for a soybean crop's yield potential. Observe the difference in performance between two soybean plants, 40 days after planting, treated with the high rate of metalaxyl versus Lumisena when phytophthora is present.

Lumisena is the new, best choice for protection against phytophthora. It is the only seed-applied technology that delivers residual protection across multiple stages of the phytophthora pathogen's life cycle:

- PREVENTATIVE
- CURATIVE
- ERADICATIVE
- ANTISPORULANT

## IMPROVES SOYBEAN YIELDS AND PLANT STANDS

- Growers with phytophthora pressure have suffered significant yield losses because of the limitations of existing seed treatments for soybeans
- In areas with phytophthora pressure, Lumisena improves plant stands, crop vigour and yield results
- Phytophthora is the #1 disease in soybeans
- Lumisena fungicide seed treatment offers a new mode of action that controls phytophthora and downy mildew far better than previous industry-standard seed treatments

**SPEED, AGILITY AND  
 EXCEPTIONAL COVERAGE**

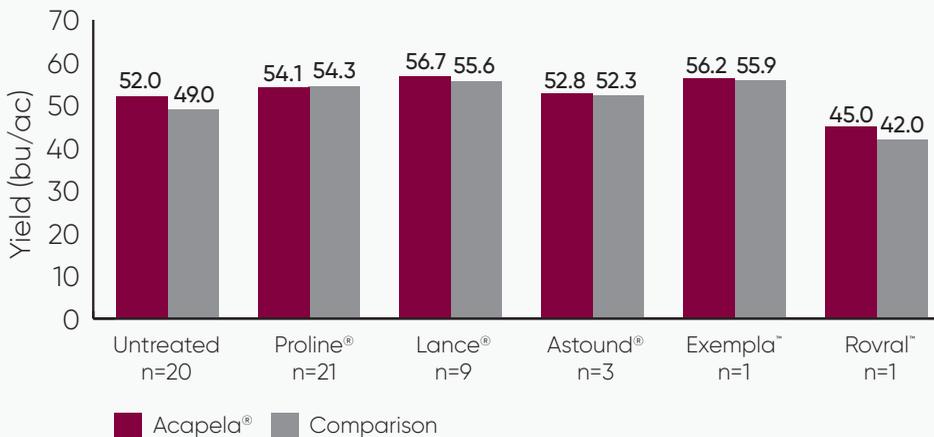
**Acapela**<sup>®</sup>  
 fungicide

Protect your canola and soybeans against disease.

**KEY BENEFITS**

- Canola plants that are infected with sclerotinia can lose up to half their yield
- Yield loss in soybean crops is primarily the result of white mould. With high severity, yield losses may approach 40-50%. Additionally, soybean standability and seed quality may be reduced.

**DUPONT ACAPELA<sup>®</sup> YIELD RESULTS**



Source: 2012-2016 DuPont Side-by-Side Trials

• Grower-run, field scale trials show consistent and excellent results against key competitors.

## MORE COMPLETE COVERAGE

- Rapidly absorbed, moving quickly into and within each plant
- This allows you to spray even when conditions are challenging

## FOUR UNIQUE MOVEMENT PROPERTIES

- Acapela® is a one-of-a-kind fungicide that quickly and efficiently surrounds, penetrates and protects the leaf and stem

## UNIQUE CONTROL OF SCLEROTINIA

- Acapela is the only Group 11 fungicide that controls sclerotinia

## PLANT PERFORMANCE BENEFITS

- In addition to outstanding disease control, Acapela supports positive plant performance, even in stressful conditions
- Acapela increases chlorophyll content and plant productivity

## HIGHER YIELD POTENTIAL

- Better coverage means more consistent protection, providing outstanding disease control for greener, healthier crops and higher yield potential
- More moves means more bushels



# PROTECT YOUR NITROGEN FOR BETTER YIELDS

**eNtrench™** NITROGEN STABILIZER    **N-Serve™** NITROGEN STABILIZER

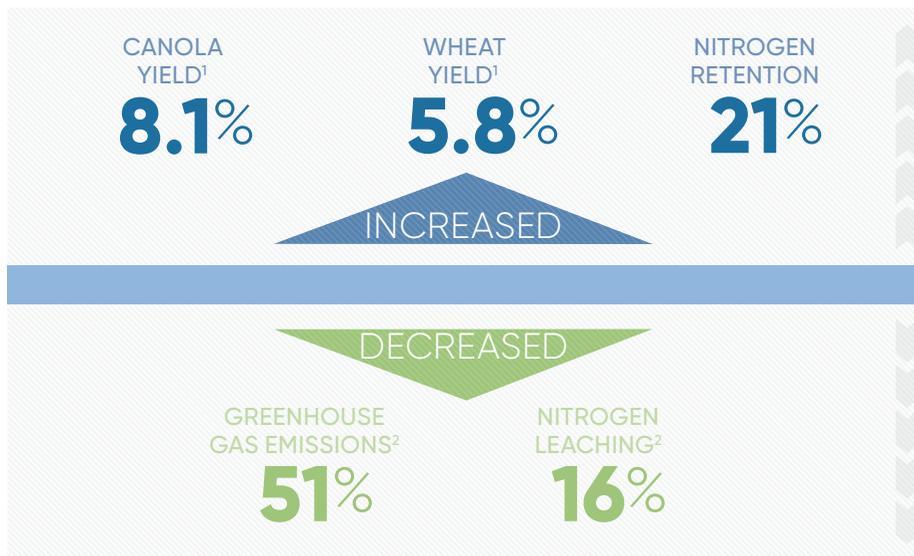
Nitrogen fertilizer is critical to achieving healthy, high-yielding crops. Protect your fertilizer investment with N-Serve™ and eNtrench™ nitrogen stabilizers.

N-Serve and eNtrench slow the conversion of nitrogen to nitrates, reducing leaching and off-gassing, which ensures more of your applied N stays in the root zone in a stable, usable form until your crop needs it.

Nitrogen stabilizers have been shown to improve canola yields by 8.1% and wheat yields by 5.8%, while reducing greenhouse gases by an average of 51%, and nitrite leaching by an average of 16%,\* so it's not only good for your crops, it's good for the environment.

<sup>1</sup>Based on Dow AgroSciences Canada research trials.

<sup>2</sup> Source: J.D. Wolt. 2004. A meta-evaluation of nitrpyrin agronomic and environmental effectiveness with emphasis on corn production in the Midwestern USA. Nutrient Cycling in AgroEcosystems.



## REMARKABLY CLEAN CANOLA FIELDS

**Eclipse™ XC**  
HERBICIDE



For broad-spectrum weed control in Roundup Ready canola, turn to Eclipse™ XC.

Eclipse XC herbicide is the only Multi-Mode of Action solution for superior wild buckwheat and Canada thistle control in one pass. It's better than glyphosate alone because it protects your canola without negatively impacting yield or maturity.

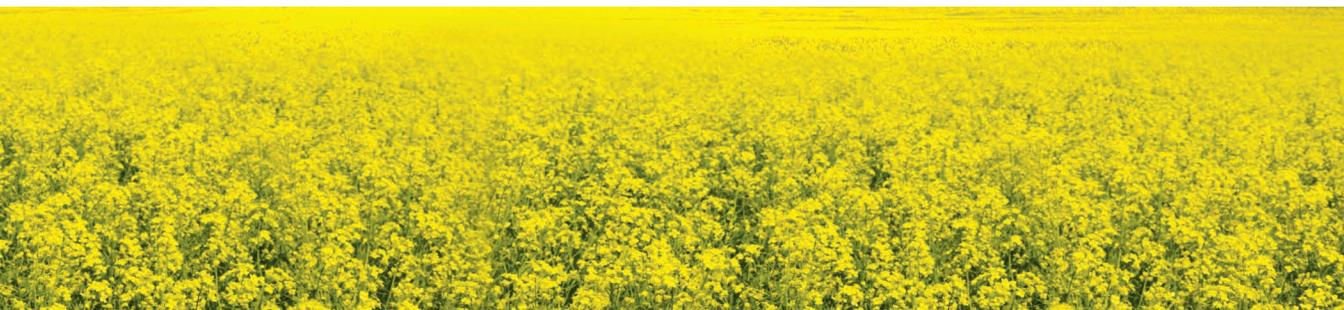
With its two unique modes of action, Eclipse XC is also a valuable tool in your resistance management plan.

**Salute™**  
HERBICIDE

For broad-spectrum weed control in Clearfield® canola, there's Salute™.

Salute herbicide is the only solution for high-performance control of grasses as well as annual and perennial broadleaf weeds in Clearfield canola crops.

This flexible, one-pass herbicide has a wide window of application and is the most effective thistle control available. Plus it offers excellent control of some of your toughest weeds, such as wild oats, wild buckwheat, cleavers, lamb's-quarters and more.



## CEREAL PRE-SEED SOLUTIONS FOR FALL: LEAVE NOTHING BEHIND

SET YOURSELF UP  
FOR SUCCESS  
THIS FALL

SAVE UP TO  
**\$225\***  
/ACRE

**Korrex** II  
HERBICIDE

**Paradigm**™  
HERBICIDE  
ARYLEX  
ACTIVE

**PrePass**™ XC  
HERBICIDE

**PrePass**™ FLEX  
HERBICIDE

Tighter rotations, reduced tillage and resistant weeds make it hard to get a truly clean burndown with glyphosate alone. Choose one of our pre-seed herbicides with SoilActive™ technology, and you'll get the weed control you need to give you a clean, efficient start next spring.



SAVE ON YOUR FALL PRE-SEED WHEN YOU PURCHASE BY SEP. 15, 2018 AND COMMIT TO A BREVANT™ SEEDS OR PIONEER® BRAND D-SERIES CANOLA HYBRID BY OCT. 16, 2018.

Pre-seed herbicide purchases invoiced between Aug. 1, 2018 - Sep. 15, 2018  
SAVE:

Commit to Brevant™ seeds canola hybrids by Oct. 16, 2018  
SAVE an additional:

TOTAL SAVINGS:

**\$1.50/acre**

on Paradigm™ for pre-seed or Korrex™ II



**\$0.75/acre**

on Paradigm for pre-seed or Korrex II



**\$2.25\*/acre**

on Paradigm for pre-seed or Korrex II

**\$0.50/acre**

on PrePass™ XC or PrePass™ FLEX



**\$0.25/acre**

on PrePass XC or PrePass FLEX



**\$0.75\*/acre**

on PrePass XC or PrePass FLEX

\*Corteva Agriscience™, Agriculture Division of DowDuPont canola brands include Brevant™ seeds, and Pioneer brand D-Series. On matching acres of Corteva Agriscience canola hybrids and your fall pre-seed purchase. Corteva Agriscience canola brands include: Nexera™, Brevant™ seeds and Pioneer® brand D-Series (up to \$2.25/acre). Commit defined: Contract, book, or purchase your Corteva Agriscience canola brands by October 16, 2018. The savings will be paid as a rebate based on your invoiced purchases of eligible products between August 1, 2018 and October 16, 2018. Minimum 200 acres required. Paid as a rebate on top of any savings from the 2018 Diamond Rewards program. Corteva Agriscience, Agriculture Division of DowDuPont, reserves the right to amend this offer at any time.

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 **BREVANT™**  
seeds

 **CORTEVA™**  
agriscience  
Agriculture Division of DowDuPont

**Brevant.ca**

