

# PROTECTION FROM PESTS

Thanks to a two-pronged approach, your crops gain protection from a range of above- and below-ground pests. Our hybrids feature a full range of traits and treatments to address any challenges you may encounter, ensuring maximum safety.

## Above-Ground

Unique traits protect your plants—ear, leaf, and stalk—from a range of above-ground pests. Combined with broad below-ground protection, these traits set your fields up for success.

**VTDoublePRO® Trecepta®**

## Above & Below Ground

Separate proteins bind together, enabling unique modes of action and providing maximum coverage for your crops both above and below ground. Protection for your roots and your above-ground plants, in a single hybrid.

**SmartStax® SmartStax® RIB COMPLETE Duracade**

# PRIDE SERIES

	 <b>G2</b>	 <b>G4</b>	 <b>G7</b>	 <b>G8</b>	 <b>G9</b>
	<b>VT DOUBLE PRO® RIB Complete®</b>	<b>TRECEPTA® RIB Complete®</b>	<b>DURACADE Viptera™ Refuge Renew™</b>	<b>SMARTSTAX® RIB Complete®</b>	<b>SMARTSTAX® PRO RIB Complete®</b>
<b>REFUGE</b>					
<b>Corn Region</b>	5% RIB Complete®	5% RIB Complete®	5% Refuge	5% RIB Complete®	5% RIB Complete®
<b>HERBICIDE TOLERANCE</b>					
<b>Herbicide Tolerance</b>	Roundup Ready® 2 Technology	Roundup Ready® 2 Technology	Glyphosate Tolerant LibertyLink®*	Roundup Ready® 2 Technology LibertyLink®*	Roundup Ready® 2 Technology LibertyLink®*
<b>ABOVE-GROUND INSECT CONTROL OR SUPPRESSION</b>					
<b>Corn Earworm</b> Helicoverpa zea 	● ●	● ● ●	●	● ●	● ●
<b>Western Bean Cutworm</b> Richia albicosta 	-	●	-	-	-
<b>European Corn Borer</b> Ostrinia nubilalis 	● ●	● ●	● ●	● ● ●	● ● ●
<b>Southwestern Corn Borer</b> Diatraea grandiosella 	● ●	● ● ●	● ●	● ● ●	● ● ●
<b>Fall Armyworm</b> Spodoptera frugiperda 	● ●	● ● ●	●	● ● ●	● ● ●
<b>Black Cutworm</b> Agrotis ipsilon 	-	●	●	●	●
<b>BELOW-GROUND INSECT CONTROL OR SUPPRESSION</b>					
<b>Northern Corn Rootworm</b> Diabrotica barberi 	-	-	● ●	● ●	● ● ●
<b>Western Corn Rootworm</b> Diabrotica virgifera vigifera 	-	-	● ●	● ●	● ● ●

**Mode of Action** = Control or Suppression of Pest   ● Single Mode Activity   ● ● Dual Mode Activity   ● ● ● Dual Mode Activity

\*Please read seed tag to confirm the herbicide tolerance of the refuge component before use of glufosinate or glyphosate. DuPont Pioneer claims suppression of corn earworm on Optimum® AcreMax® 1, Optimum® AcreMax®, and Optimum® AcreMax® Xtreme labels with Herculex® I technology. Cry1A.105 and Cry2Ab2 from B.t. controls or suppresses corn earworm. Syngenta claims suppression of corn earworm with Bt11. 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. DuracadeViptera™, Viptera™Z3, Viptera™, and Agrisure Viptera® 3110A contain Agrisure Artesian® technology.



# SOYBEAN LEGEND

## ARGONOMIC CHARACTERISTICS

### Maturity Group (MG)

Based on physiological maturity and harvest moisture.

### Emergence

Rating based on speed of emergence and length of the hypocotyl. Longest marker indicates a soybean with quick emergence and a long hypocotyl.

### Standability

Lodging resistance scores are taken at maturity. Longest marker means all plants are erect. Shortest marker means all plants are flat.

### No-Till Adaptability

Because soils that are no-till planted are often colder and wetter, this rating is closely related to emergence and early growth. Longest marker indicates excellent emergence and early vigor in no-till environments.

## PLANT CHARACTERISTICS

### Plant Height

Short, Medium-Short, Medium, Medium-Tall, or Tall.

### Plant Type

The amount of branching at lower nodes of the stem: Thin-Line, Medium, Medium-Bush, or Bush.

### Pubescence Colour

Colour of the plant at harvest.

### Hilum Colour

Colour of the area of the seed that attaches to the seed pod wall.

### Flower Colour

Colour of the flower during bloom.

### Pod Colour

Colour of the pod at harvest.



## PLANT HEALTH

### Phytophthora Field Tolerance

Varieties susceptible to Phytophthora Root Rot are not all damaged to the same degree. Highly tolerant varieties grow and produce good yields once past the seedling stage. Longer markers indicate higher tolerance.

### Phytophthora Race Resistance

None = No specific race resistance.

**Rps1a** denotes resistance to Races 1-11, 13-15, 17, 18, 21-24, 26, 36, and 37.

**Rps1c** denotes resistance to Races 1-3, 6-11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, and 36.

**Rps1k** denotes resistance to Races 1-11, 13-15, 17, 18, 21-24, 26, 36, and 37.

**Rps3a** denotes resistance to Races 1, 2, 5, 8, 9, and others.

### Soybean Cyst Nematode Resistance

Resistance source specified within each product.

### Sclerotinia White Mold Tolerance

Longer markers indicate higher ratings. Medium markers indicate an acceptable rating, even in moderately severe conditions.

### Sudden Death Syndrome

Longer markers indicate higher ratings. Medium markers indicate an acceptable rating, even in moderately severe conditions.

## PREFERRED PLACEMENT ZONE

Preferred Placement Zones represent the best areas of adaptation for a product based on in-field observations, genetic background, and trial data. Products may fit within only a portion of a zone, and products may perform well in other areas not identified. Contact your sales team for details.

## PRODUCT RATINGS

Soybean varieties with the same resistance genes may perform differently because of different levels of field tolerance. Scores and characteristics are assigned by PRIDE Seeds based on comparisons with similar maturity PRIDE Seeds products through internal field testing. Performance may vary from location to location and from year to year, as local growing, soil, and weather conditions may vary. Farmers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on their fields.

## CHARACTERISTIC INDICATORS

To help you find varieties with the characteristics you value, look for these icons:

-  New Product
-  Phytophthora Root Rot Tolerance
-  Strong Disease Tolerance
-  Positive Emergence/No-Till Performance
-  Stress/Drought Tolerance
-  Yield Performance
-  Standability
-  Management Tip
-  Harvest Appearance
-  Maturity Group

## HIGH VALUE OF NEW BRANDED SEED ++

### Latest technology

- Highest yielding soybean technology available
- Leading seed treatment choices

### Customer service

- Dealer agronomic support before and after the sale
- Replant policy support
- Convenient packaging and delivery

### Reliable germination and quality

- Free of seed-borne diseases
- Properly stored and conditioned

## TRAIT VERSIONS

These value-added trait versions are currently offered for soybeans:



## HERBICIDE CHOICES

With the herbicide choices available in the Canadian market, careful planning and attention to labels is more important than ever when selecting and managing herbicide-tolerant soybeans.



	ROUNDUP READY 2 XTEND SOYBEANS	XTENDFLEX SOYBEANS	Enlist E3 SOYBEANS
Roundup® (glyphosate)	●	●	●
Liberty Link® (glufosinate)	Not Compatible	●	●
Dicamba*	●	●	Not Compatible
2,4-D**	Not Compatible	Not Compatible	●

## INTELLECTUAL PROPERTY RIGHTS PLAY KEY ROLE

Developing new varieties is a long term investment that entails years of work. Funding the work of breeders and researchers to develop varieties allows for improved crops that are more successful in terms of yield, purity and sales. It's important to protect intellectual property rights (IPR) in crop technology – just like patents protect the design of your combine.

By respecting intellectual property rights, you get new varieties that:

- Increase resistance to stress conditions
- Improve agronomic performance
- Meet industrial needs
- Provide value-added products
- Improve competitiveness

For more information, please visit: [seedgrowers.ca](http://seedgrowers.ca)