NEVER ONE TO BACK DOWN FROM A CHALLENGE.

YOU’LL FACE DOUBTERS ALONG THE PATH YOU’RE BLAZING, BUT WITH PIONEER THERE IS NO DOUBT. PIONEER IS HERE TO BACK YOU UP WITH LOCAL AGRONOMIC SUPPORT AND THE BEST GENETICS FROM OUR WORLD-LEADING INNOVATION PROGRAM TO HELP YOU GROW FURTHER THAN EVER BEFORE. LET'S BUST THROUGH.

PIONEER.COM/CANADA
Contest Rules and Regulations:
Subject in all respects to Official Rules at: www.yieldhero.pioneer.com. Contest begins 12:00 a.m. MT 8/16/21 and ends 11:59 p.m. MT 11/15/21.

Open to legal residents of SK, AB, MB or BC who are age of majority+ and own or work on a farm. Void outside of the foregoing provinces.

Winners who enter via Twitter must correctly answer a time-limited mathematical skill-testing question to be eligible to win a prize. There are 30 grand prizes available to be won. Grand prize winners will be awarded a trip for two (2) to the Commodity Classic in New Orleans, LA March 10-12, 2022. The approximate retail value (“ARV”) is $5000.00 (CAD) per grand prize winner.

* Date and location of the 2022 Yield Hero trip subject to change due to unforeseen circumstances.

NEW for the 2021 Yield Hero Contest:
Seed and Crop Protection Category
For complete contest rules and details visit: yieldhero.pioneer.com OR follow us @PioneerSeedsCA #yieldhero21

2020 Pioneer Yield Hero Winners

2020 CANOLA

<table>
<thead>
<tr>
<th>NAME/ FARM</th>
<th>TOWN</th>
<th>PROV</th>
<th>HYBRID</th>
<th>YIELD BU/ AC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lewis Farms Ltd</td>
<td>Spruce Grove</td>
<td>AB</td>
<td>45CM39</td>
<td>129.5</td>
</tr>
<tr>
<td>West Legal Farms Ltd</td>
<td>Sturgeon County</td>
<td>AB</td>
<td>P501L</td>
<td>93</td>
</tr>
<tr>
<td>James and Caleb Donald</td>
<td>Kelvington</td>
<td>SK</td>
<td>45CM39</td>
<td>92</td>
</tr>
<tr>
<td>Curtis and Michelle Harris</td>
<td>Calmar</td>
<td>AB</td>
<td>45CM39</td>
<td>91.6</td>
</tr>
<tr>
<td>T and S Devereaux</td>
<td>Milestone</td>
<td>SK</td>
<td>P501L</td>
<td>80</td>
</tr>
<tr>
<td>Lee Flannery</td>
<td>Mcalkey</td>
<td>MB</td>
<td>P501L</td>
<td>79.1</td>
</tr>
<tr>
<td>GV Colony Farms Ltd</td>
<td>Grande Prairie</td>
<td>AB</td>
<td>P501L</td>
<td>78.2</td>
</tr>
<tr>
<td>Cadman Farms Inc</td>
<td>Leask</td>
<td>SK</td>
<td>45CM39</td>
<td>77.7</td>
</tr>
<tr>
<td>Little Rainbow Ranch</td>
<td>Moosomin</td>
<td>SK</td>
<td>45H42</td>
<td>77.4</td>
</tr>
<tr>
<td>S and D Salonenko Farms Ltd</td>
<td>Yorkton</td>
<td>SK</td>
<td>45CM39</td>
<td>73.6</td>
</tr>
<tr>
<td>Youzwa Farms Inc</td>
<td>Nipawin</td>
<td>SK</td>
<td>P502CL</td>
<td>70.6</td>
</tr>
<tr>
<td>McLaughlin Agri-Ventures</td>
<td>Mannville</td>
<td>AB</td>
<td>P501L</td>
<td>69.6</td>
</tr>
<tr>
<td>Skolyk Enterprises</td>
<td>Radisson</td>
<td>SK</td>
<td>P502CL</td>
<td>67.4</td>
</tr>
<tr>
<td>Crossview Farms Ltd</td>
<td>Crossfield</td>
<td>AB</td>
<td>P502ML</td>
<td>67</td>
</tr>
<tr>
<td>Prairie Rock Farms Ltd</td>
<td>Okotoks</td>
<td>AB</td>
<td>45M55</td>
<td>66</td>
</tr>
<tr>
<td>Brian Nykoforuk</td>
<td>Borden</td>
<td>SK</td>
<td>45CM39</td>
<td>65.7</td>
</tr>
<tr>
<td>Sun Tan Farm Ltd</td>
<td>Grand Coulee</td>
<td>SK</td>
<td>45CM39</td>
<td>65.3</td>
</tr>
<tr>
<td>Tim Amendt</td>
<td>Spiritwood</td>
<td>SK</td>
<td>45C340</td>
<td>64.6</td>
</tr>
</tbody>
</table>

2020 GRAIN CORN

<table>
<thead>
<tr>
<th>NAME/ FARM</th>
<th>TOWN</th>
<th>PROV</th>
<th>HYBRID</th>
<th>YIELD BU/ AC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toews Valley Farm Ltd</td>
<td>Winkler</td>
<td>MB</td>
<td>P8588AM™</td>
<td>216.6</td>
</tr>
<tr>
<td>Foothills Farms</td>
<td>Winkler</td>
<td>MB</td>
<td>P8588AM™</td>
<td>212</td>
</tr>
<tr>
<td>Maxwell Colony Farms</td>
<td>Cartier</td>
<td>MB</td>
<td>P7211AM™</td>
<td>190.3</td>
</tr>
<tr>
<td>Pritchard Brothers Ltd</td>
<td>Trehern</td>
<td>MB</td>
<td>P7527AM™</td>
<td>168.2</td>
</tr>
</tbody>
</table>

2020 SILAGE CORN

<table>
<thead>
<tr>
<th>NAME/ FARM</th>
<th>TOWN</th>
<th>PROV</th>
<th>HYBRID</th>
<th>YIELD TONS/ AC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mellowdale Dairy Ltd</td>
<td>Barrhead</td>
<td>AB</td>
<td>P7213R</td>
<td>30.98</td>
</tr>
<tr>
<td>Roswitha Holstein Ltd</td>
<td>Steinbach</td>
<td>MB</td>
<td>P9232Q™</td>
<td>26.36</td>
</tr>
<tr>
<td>Rick Peeper Farms Ltd</td>
<td>Wayburn</td>
<td>SK</td>
<td>P845 SR</td>
<td>11.25</td>
</tr>
</tbody>
</table>

2020 SOYBEANS

<table>
<thead>
<tr>
<th>NAME/ FARM</th>
<th>TOWN</th>
<th>PROV</th>
<th>VARIETY</th>
<th>YIELD BU/ AC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brantwood Colony Farms</td>
<td>Portage la Prairie</td>
<td>MB</td>
<td>P007A08X</td>
<td>619</td>
</tr>
</tbody>
</table>

2020 SUSTAINABLE GROWER OF THE YEAR
Crossview Farms Ltd.
Crossfield, AB

2020 INNOVATIVE GROWER OF THE YEAR
Mellowdale Dairy Ltd.
Barrhead, AB

ENTER FOR A CHANCE TO WIN

One (1) of 30 trips for two (2) to the Commodity Classic New Orleans, Louisiana March 10-12, 2022

The Pioneer Yield Hero contest is an opportunity to celebrate your high yields and success! #yieldhero21

Join our growing list of heroes who grow Pioneer® brand seed products.

For complete contest rules and details visit: yieldhero.pioneer.com OR follow us @PioneerSeedsCA #yieldhero21

*2020 Twitter winners
Pioneer Protector® Brand Canola

YIELD, PERFORMANCE AND THE PROTECTION OF THE PIONEER PROTECTOR® TRAITS – BUST THROUGH WITH YIELD!

> Pioneer Protector® brand canola offers high-yielding, consistently-performing canola hybrids with the added benefit of the Pioneer Protector® traits that:
>  › Provide solutions to various agronomic and harvest management challenges on farmer’s fields
>  › Manage weed resistance with the strength of the Pioneer® canola portfolio – high yields, consistent performance and Pioneer Protector® traits available in all herbicide tolerant systems

PIONEER PROTECTOR® CLUBROOT HYBRIDS

Pioneer Protector® clubroot hybrids provide high yields and protection against multiple races of clubroot across Western Canada. They are for canola growers who want:

>  › High yields and leading-edge protection against clubroot
>  › To prevent disease establishment and minimize clubroot spore levels by using clubroot resistant hybrids
>  › Multiple sources of clubroot resistance available in Pioneer Protector® Clubroot hybrids allows for a proactive approach to clubroot management

All Pioneer Protector® brand canola hybrids will include the Pioneer Protector® clubroot trait, a critical tool against a growing disease threat to Western Canadian farmers.

PIONEER PROTECTOR® SCLEROTINIA HYBRIDS

High yields and the consistent performance of Pioneer Protector® canola hybrids with built-in resistance to the yield-robbing disease sclerotinia.

>  › Canola hybrids with the Pioneer Protector® Sclerotinia resistance trait are for growers looking to manage the risk of sclerotinia infection and achieve high yields by:
>  › Reducing sclerotinia incidence by over 60%, as well as reducing overall severity
>  › Season-long control – providing protection from sclerotinia throughout the entire growing season
>  › Convenience – protection is planted with the seed
>  › Managing risk of sclerotinia infection over large acres/geographies
>  › Peace of mind – providing increased flexibility and insurance when timing fungicide applications for additional control
>  › Proactively managing sclerotinia by reducing the amount of inoculum from returning to the soil
PIONEER PROTECTOR® PLUS HYBRIDS

Pioneer Protector® Plus hybrids bring all the benefits of the Pioneer Protector® clubroot trait and the power of the Pioneer Protector® Sclerotinia trait – the ultimate disease package.

- Canola hybrids with the Pioneer Protector® Plus package are for growers looking to manage the risk of sclerotinia infection, protect their canola crop from clubroot infection and achieve high yields by:
  - Reducing sclerotinia incidence by over 60%, as well as reducing overall severity
  - Season-long control – providing protection from sclerotinia throughout the entire growing season
  - Convenience – protection is planted with the seed
  - Managing risk of sclerotinia infection over large acres/geographies
  - Peace of mind – providing increased flexibility and insurance when timing fungicide applications for additional control
  - Proactively managing sclerotinia by reducing the amount of inoculum from returning to the soil

Clearfield® canola hybrids provide you with access to premium marketing opportunities and more.

Have you heard about Clearfield canola?
Clearfield canola offers producers differentiated marketing and resistance management opportunities. It provides producers an alternative mode of action option and flushing weed control in one pass.

Why choose the Clearfield canola production system?
- Access to premium Identity Preserved marketing program options
- An alternative mode of action to manage previous crop volunteers, including volunteer canola
- Includes Ares® SN herbicide for one-pass, flushing weed control that delivers reliable post emergent control of grass and broadleaf weeds.

Choose hybrids that work best for your operation
The Clearfield canola production system gives you the flexibility to select hybrids that fit your farm. Pioneer® brand seeds offers high-yielding canola hybrids in a variety of maturities, resistance to disease and with superior agronomic traits.

Clearfield canola hybrids offer the potential to access premium Identity Preserved marketing opportunities. Visit Pioneer.com/Canada for a full list of available hybrids.

Add an alternative mode of action to your herbicide rotation
The Clearfield canola production system provides increased crop rotation and herbicide options for maximum rotational flexibility. You have the option to utilize group 2 chemistry, such as Ares SN or Amity® WDG herbicides, to balance herbicide rotations and introduce an alternative mode of action to manage previous crop volunteers, including volunteer canola, in tight canola rotations.
Be the first stop on every crop tour.

There is something big coming in canola!

Unlock the genetic potential of your canola with Optimum® GLY—a herbicide-tolerant trait technology designed to deliver top yield potential and agronomic trait performance.

What does Optimum GLY canola deliver?

- Improved crop safety
- Enhanced, broad-spectrum annual and perennial weed control with effective rates of glyphosate
- Greater convenience and flexibility when spraying

Flexible rates and application timing up to first flower

Total maximum application of 2 REL/ac per season
- Apply as 1 application from emergence to 6-leaf stage or
- Apply as 2 sequential applications of up to 1 REL/ac from emergence to 1st flower
- Sequential applications must be at least 14 days apart
- Allows management of hard-to-control weeds and enhanced crop safety

Weed Control Timing

- Plant Optimum GLY canola
- Apply glyphosate herbicides no later than 1st flower

Optimum® GLY is an advanced herbicide-tolerant trait technology.

THERE IS SOMETHING BIG COMING IN CANOLA.

Coming soon – Optimum® GLY from Corteva Agriscience. It’s an advanced herbicide tolerant trait technology designed to deliver top yield potential and agronomic trait performance. Optimum GLY canola gives you excellent yield potential, improved crop safety, wide window of application, and enhanced weed control – everyone will want a look.

Optimum® GLY from Corteva Agriscience.

Talk to your local Pioneer sales representative.

RT73 - 0.5 REL/ac applied sequentially at 4 leaf and 1st flower (not a labeled application timing)

Optimum GLY herbicide tolerance trait 0.5 REL/ac sequentially applied at 4 leaf and 1stflower

RT73 0.75 REL/ac applied once

Optimum GLY herbicide tolerance trait 0.75 REL/ac applied once

RT73 1 REL/ac applied twice sequentially

Optimum GLY herbicide tolerance trait 1 REL/ac applied twice sequentially

- REL = 360g a.e. per L Always read and follow herbicide label directions.

RT73 = Roundup Ready® Canola.
NEW
P509L
An early-maturing Pioneer Protector® clubroot hybrid with shorter stature and blackleg resistance, now with the LibertyLink® herbicide trait.

- Great yield to maturity
- Excellent field emergence
- Very good for lodging
- “R” for Clubroot vs 2F, 3H, 5I, 6M and 8N (CR1)
- “R” for Blackleg
- Early - mid-maturity

NEW
44H44
Excellent yield, and the Pioneer Protector® clubroot trait in an early-maturity hybrid with strong adult blackleg resistance in one package.

- Excellent yield potential – early-maturity with the yield potential of a mid-maturity
- Excellent early growth and field emergence
- Very good for lodging
- “R” for Clubroot vs 2F, 3H, 5I, 6M and 8N (CR1)
- “R” for Blackleg
- Early-maturity

P509L
InVigor® L241C 111%
100%

P509L
InVigor® L234PC 103%
100%

NEW
45H42
A high-yielding, mid-maturity Pioneer Protector® clubroot hybrid.

- Superior yield potential
- Excellent field emergence
- “R” for Clubroot vs 2F, 3H, 5I, 6M and 8N (CR1)
- “R” for Blackleg
- Suitable for all growing regions

NEW
P508MCL
A high-yielding Pioneer Protector® canola with the Clearfield herbicide tolerant trait that provides resistance to blackleg and options for harvest timing.

- Excellent yield potential
- Excellent early growth and field emergence
- Very good lodging score
- “R” for Blackleg
- Suitable for all growing regions with options for harvest timing

NEW
P607CL
Pioneer Protector® clubroot hybrid with blackleg - now in the Clearfield® herbicide tolerant system.

- Good yield potential
- Very good lodging score
- “R” for Clubroot vs 2F, 3H, 5I, 6M and 8N (CR1)
- “R” for Blackleg
- Mid - late-maturity

NEW
P505MSL
A next generation, top-performing Pioneer Protector® hybrid with high yield potential, clubroot, blackleg and sclerotinia resistance, combined with options for harvest.

- Superior yield potential
- Excellent early growth and field emergence
- Very good lodging
- Superior sclerotinia protection
- “R” for Clubroot vs 2F, 3H, 5I, 6M and 8N (CR1)
- “R” for Blackleg
- Suitable for all growing regions with options for harvest timing

NEW
P607CL
DEKALB® DKTF 96 SC

NEW
P508MCL
DEKALB® DKTF 98 CR

NEW
P505MSL
DEKALB® DKTF 96 SC

NEW
P607CL
DEKALB® DKTF 98 CR

NEW
P505MSL
InVigor® L241C 111%
100%

NEW
P508MCL
InVigor® L234PC 104%
100%

NEW
P505MSL
InVigor® L234PC 104%
100%

NEW
P607CL
BrettYoung BY 5545CL 107%
100%

NEW
P508MCL
Canterra CS 2500CL 106%
100%

NEW
P505MSL
Canterra CS 2500CL 106%
100%

NEW
P607CL
BrettYoung BY 5545CL 106%
100%

Source: 2019-2020 Corteva Agriscience field trials
**Featured Canola Hybrids**

**P506ML**
- A high-yielding Pioneer Protector® hybrid with clubroot, blackleg, harvesting options, and the LibertyLink® herbicide trait.
- Superior yield potential
- Excellent early growth and field emergence
- Stand well (very good lodging score)
- “R” for Clubroot vs 2F, 3H, 5I, 6M and 8N (CR1)
- “R” for Blackleg
- Suitable for all growing regions with options for harvest timing

**P506ML**
- InVigor® L241C 100%
- InVigor® L234PC 100%
- 100%

**45CM39**
- An exceptionally-yielding Pioneer Protector® hybrid with the clubroot trait (new source), blackleg resistance and options for harvest timing.
- Superior yield potential
- Excellent early growth and field emergence
- Very good lodging score.
- “R” for Clubroot (new source) 2F, 3H, 5I, 6M and 8N (CR1)
- “R” for Blackleg
- Suitable for all growing regions with options for harvest timing

**45CM39**
- DEKALB® DKTF 96 SC 100%
- InVigor® L233P 100%
- 100%

**45CS40**
- Yield, Pioneer Protector® clubroot, sclerotinia resistance and blackleg – all in one package.
- Excellent yield potential
- Excellent early growth and field emergence
- Very good lodging score
- Sclerotinia protection
- “R” for Clubroot vs 2F, 3H, 5I, 6M and 8N (CR1)
- “R” for Blackleg
- Suitable for all growing regions

**45CS40**
- InVigor® L233P 100%
- DEKALB® DKTF 98 CR 100%
- 100%

**45M35**
- Yield, standability, Pioneer Protector® clubroot resistance and harvest options – all in one package.
- Superior yield potential
- Excellent early growth and field emergence
- Very good lodging score
- “MR” for Blackleg
- Mid- late maturity product with options for harvest timing

**45M35**
- InVigor® L233P 100%
- DEKALB® DKTF 98 SC 100%
- 100%

**P501L**
- Superior yield and Pioneer Protector® clubroot protection in the LibertyLink® herbicide trait.
- Superior yield potential
- Excellent early growth and field emergence
- Very good lodging score.
- “R” for Clubroot vs 2F, 3H, 5I, 6M and 8N (CR1)
- “R” for Blackleg
- Suitable for all growing regions

**P501L**
- InVigor® L241C 100%
- InVigor® L234PC 100%
- 100%

**P502CL**
- A high-yielding canola hybrid with the Clearfield® herbicide trait.
- Superior yield potential
- Excellent early growth and field emergence
- Very good lodging score.
- “R” for Blackleg
- Early - mid-maturity

**P502CL**
- Canterra CS 2800CL 100%
- 100%

---

**Pioneer Protector® Canola Hybrids – Days to Maturity**

**Source:** 2019-2020 Corteva Agriscience field trials
Lumiderm™ insecticide seed treatment provides excellent plant protection against both flea beetles and cutworms in one convenient bag.

**See the Lumiderm™ insecticide seed treatment 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™ protects your canola from cutworm feeding, which helps enhance early season stand establishment and crop vigour.

**Look at the results**
Treating your seed with Lumiderm is the best way to prevent a patchy, bare field and reduce your loss due to cutworm damage.

 Serious seed protection
Lumiderm™ insecticide seed treatment provides excellent plant protection against both flea beetles and cutworms in one convenient bag.

**See the Lumiderm™ insecticide seed treatment 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™ protects your canola from cutworm feeding, which helps enhance early season stand establishment and crop vigour.

**Look at the results**
Treating your seed with Lumiderm is the best way to prevent a patchy, bare field and reduce your loss due to cutworm damage.

**Key Benefits**
- Enhanced protection against crucifer and striped flea beetles.
- Excellent control of early season cutworms.
- Excellent early season seedling stand establishment, vigour and biomass.
- Up to 35 days of protection through the critical stages of seedling growth.
- Novel class of chemistry (Group 28) for resistance management.

**See the Lumiderm™ insecticide seed treatment difference in protection against flea beetles**
Across Western Canada, flea beetles are causing significant damage to canola crops and growers are demanding a better solution. Lumiderm™ insecticide seed treatment offers a new way to obtain enhanced flea beetle protection on both crucifer and striped flea beetles for your canola crop.

**See the Lumiderm™ Yield results**
Lumiderm™ resulted in a positive yield increase 78% of the time across Western Canada.†
- 35% less flea beetle damage*  
- 1.4 bu/ac higher yield**

† Results from large scale grower managed field trials across Western Canada in 2015.
** Source: Canola yield averaged across 137 Grower Demo Strips, Western Canada (2013-2015).

* For complete definitions and disclaimers related to product descriptions, characteristic ratings and disease ratings, and all other information contained herein, see page 45.
Choice From a Full Line-Up of Herbicide Products to Help Protect Your Pioneer Protector® Canola

Prospect®

HERBICIDE

Choose From a Full Line-Up of Herbicide Products to Help Protect Your Pioneer Protector® Canola

Prospect®

Anyox® active

HERBICIDE

Give your canola the best start possible with the true pre-seed weed control power of Prospect® herbicide.

› Controls a wide range of broad leaf weeds, including cleavers (overwintered and group 2 resistant biotypes), hemp-nettle, flixweed, narrow-leaved hawk’s beard and many more
› More consistent and complete control than glyphosate alone
› Flexibility to spray at 5 gal/ac: low spray water volume without giving up weed control performance
› When tank mixed with glyphosate, Prospect provides 3 modes of action for control of key broadleaf weeds

Lontrel™XC

HERBICIDE

The most effective in-season thistle control available – right down to the roots.

› For use on a number of crops including both corn and canola
› The most effective in-season thistle control available
› Flexibility to choose your rate for optimal thistle control

Eclipse™ XC

HERBICIDE

Broad-spectrum weed control for superior control of wild buckwheat and canada thistle.

› Broad-spectrum weed control in both glyphosate-tolerant canola and corn for superior control of wild buckwheat and Canada thistle
› Convenient all-in-one control with 2 modes of action
› Protects canola without negatively impacting yield or maturity, unlike elevated rates of glyphosate

Ares™ SN

HERBICIDE

The performance standard in weed control for Pioneer® brand canola with the Clearfield® trait.

› Consistent and reliable post-emergent weed control, including subsequent flushes
› Wide window of application on both crop and weeds
› Superior control of lamb’s quarters, wild buckwheat, cleavers and volunteer canola

Amity™ WDG

HERBICIDE

The herbicide option for Pioneer® brand canola with the Clearfield® trait in the Peace country.

› Rotational flexibility for farmers in the Peace country of Alberta
› Broad-spectrum control for Clearfield canola
› Reliable control of tough grasses and targeted broadleaf weeds

Surjet™ Adjuvant

ADJUVANT

Surjet™ Adjuvant is a blend of surfactant and petroleum hydrocarbons designed for use with Ares™ SN or Amity™ WDG herbicides.

› Rate: 0.5% v/v
› Water volume: 100L/ha or 110 US gal/ac

Need to purchase Surjet Adjuvant when applying Amity WDG
IT’S SIMPLY THE WORLD’S BEST CORN, TRUSTED BY MORE GROWERS IN CANADA THAN ANY OTHER BRAND. WE OFFER A DIVERSE LINEUP OF HYBRIDS BRED FOR THE WEST, THAT FINISH STRONG AND DRY DOWN FAST. SO YOU CAN HARVEST EARLIER AND MAXIMIZE PROFIT ALONG THE WAY.

THE PROOF IS IN THE YIELD. GET THE #YIELDHERO DATA AT YIELDHERO.PIONEER.COM

Maximized Yields And Simplified Refuge Compliance

Pioneer is committed to delivering integrated refuge products that provide growers with increased flexibility and convenience for insect resistance management (IRM). The Pioneer® brand integrated refuge product lineup brings multiple modes of action for insect protection, to help increase overall farm yields by reducing refuge and extending the durability of important traits.

<table>
<thead>
<tr>
<th>PEDESTS CONTROLLED OR SUPPRESSED</th>
<th>DESCRIPTION</th>
<th>BENEFITS</th>
<th>REFUGE</th>
<th>REFUGE EXAMPLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>European Corn Borer, Corn Earworm, Fall Armyworm, Black Cutworm</td>
<td>Single-bag product with integrated corn borer refuge</td>
<td>Ultimate simplicity, Maximized farm yields, Technology preservation</td>
<td>Integrated refuge, no separate refuge required</td>
<td><img src="example.png" alt="AcreMax" /></td>
</tr>
<tr>
<td>European Corn Borer, Corn Earworm, Fall Armyworm, Black Cutworm, Western Corn Rootworm, Northern Corn Rootworm</td>
<td>Single-bag product with integrated corn borer and corn rootworm refuge</td>
<td>Maximum yields, Technology preservation, Proven performance</td>
<td>Integrated refuge, no separate refuge required</td>
<td><img src="example.png" alt="AcreMax XTreme" /></td>
</tr>
<tr>
<td>European Corn Borer, Corn Earworm, Fall Armyworm, Black Cutworm, Western Corn Rootworm, Northern Corn Rootworm</td>
<td>Single-bag product with integrated corn borer and corn rootworm refuge</td>
<td>Maximum yields, Technology preservation, Proven performance</td>
<td>Integrated refuge, no separate refuge required</td>
<td><img src="example.png" alt="Qrome" /></td>
</tr>
</tbody>
</table>
Corn Traits and Technologies

Efficacy levels based on Pioneer university entomologist results against susceptible insect populations. Product responses can vary by location, past population, environmental conditions and agricultural practices.

<table>
<thead>
<tr>
<th>TECHNOLOGY SEGMENT IDENTIFIERS</th>
<th>CORN TECHNOLOGY TRAITS</th>
<th>INSECT EFFICACY LEVELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RR2</td>
<td>Roundup Ready® Corn 2</td>
<td>C</td>
</tr>
<tr>
<td>LL</td>
<td>LibertyLink®</td>
<td></td>
</tr>
<tr>
<td>AM, LL, RR2</td>
<td>Optimum® AcreMax®, LibertyLink®, Roundup Ready® Corn 2 (Corn Borer)</td>
<td>C S C C C C C S</td>
</tr>
<tr>
<td>AMXT, LL, RR2</td>
<td>Optimum® AcreMax® X Tieme, LibertyLink®, Roundup Ready® Corn 2 (Corn Borer/Rootworm)</td>
<td>C S C C C C C C S C C C</td>
</tr>
<tr>
<td>Q</td>
<td>Grome®, LibertyLink®, Roundup Ready® Corn 2 (Corn Borer/Rootworm)</td>
<td>C S C C C C C C S C C C</td>
</tr>
</tbody>
</table>

C = Controlled  S = Suppressed  Blank = Not Labeled

All scores of integrated refuge products are based upon the major component.

* Various factors, including pest pressure, reduced susceptibility, and insect resistance in some pest populations may affect efficacy of certain corn technology products in some regions. To help extend durability of these technologies, Pioneer recommends you implement Integrated Pest Management practices such as crop rotation, cultural and biological control tactics (including rotating sources of Bt-protected corn traits), pest scouting, and appropriate use of pest thresholds when employing management practices such as insecticide application. You must also plant the required refuge when using these technologies. Please contact your authorized Pioneer sales representative or consult with your local university extension for more information regarding insect resistance management guidelines, best management practices and to understand whether there has been a shift in susceptibility or insect resistance with certain pests documented in your area.

* Western bean cutworm has been removed from the Pioneer product use statement for several corn products that contain Herculex® I (Cry1F), but lack another mode of action for western bean cutworm due to a wide-spread decrease in susceptibility, indicating the possibility of field-evolved resistance to Cry1F in most geographies.

Featured Grain Corn Hybrids

P7211AM 2050 HEAT UNITS
- Industry leader in early grain corn performance
- Fantastic yield for early maturity
- Very good test weight and grain quality
- Excellent drought tolerance scores
- Above-average stock strength

P7417AM 2125 HEAT UNITS
- Very good stalk strength
- Very good drought score
- Average roots
- Average test weight

P7527AM 2150 HEAT UNITS
- Top end grain yield with fast dry down
- Dual purpose with strong silage performance
- Good Goss’s Wilt resistance score
- Very good drought tolerance and stalk strength scores
Featured Grain Corn Hybrids

**NEW**

**P7574AM**
2100 HEAT UNITS
- Consistent yield performance across various conditions or soil types where tested
- Well suited grain performance and maturity for Red River Valley and Southern AB
- Above average test weight
- Excellent early season vigour and emergence
- Average root and stalk strength
- Great silage characteristics with strong performance

Source: 26 locations

**NEW**

**P7844AM**
2225 HEAT UNITS
- Very good yield potential, suited in southern Manitoba
- Above average stalk and root strength
- Good Goss’s Wilt resistance

Source: 15 locations

1 Two-year (2019-2020) yield data summarized from large-scale grower-managed trials across Western Canada as of Nov 25, 2020.


**NEW**

**P7958AM**
2275 HEAT UNITS
- Optimum® AcreMax® product delivering integrated refuge for above-ground insect control
- Very good drought tolerance and root strength
- Moderate Goss’s Wilt resistance
- Excellent silage characteristics and performance

Source: 7 locations

**NEW**

**P8294AM**
2400 HEAT UNITS
- Excellent silage characteristics and performance
- Tall plant stature
- Great late-season plant health
- Excellent early-season vigour and emergence
- Good Goss’s Wilt resistance

Source: 2 locations

**P8407AM**
2450 HEAT UNITS
- Dual-purpose corn product with excellent drought tolerance
- Very good stalks and root scores
- Average Goss’s Wilt resistance

Source: 2 locations

**NEW**

**P8989AM**
2650 HEAT UNITS
- Very good stalk strength
- Good drought tolerance scores
- Average stress emergence

Source: 2 locations

1 Three-year (2018-2020) silage yield data summarized from large-scale grower-managed trials across Western Canada as of Nov 17, 2020.

2 One-year (2020) Corteva Agriscience silage research trial data conducted in Western Canada as of Feb 10, 2021.

---

**Featured Silage Corn Hybrids**

**P6909R**
1950 HEAT UNITS
- Ultra early silage corn hybrid
- Very good drought tolerance and stalk strength
- Good root strength

**P7958AM**
2275 HEAT UNITS
- Optimum® AcreMax® product delivering integrated refuge for above-ground insect control
- Very good drought tolerance and root strength
- Moderate Goss’s Wilt resistance
- Excellent silage characteristics and performance

**P8294AM**
2400 HEAT UNITS
- Excellent silage characteristics and performance
- Tall plant stature
- Great late-season plant health
- Excellent early-season vigour and emergence
- Good Goss’s Wilt resistance

**P8407AM**
2450 HEAT UNITS
- Dual-purpose corn product with excellent drought tolerance
- Very good stalks and root scores
- Average Goss’s Wilt resistance

**P8989AM**
2650 HEAT UNITS
- Very good stalk strength
- Good drought tolerance scores
- Average stress emergence

**P8407AM**
22.97 Tons/ac 23.34 Tons/ac
- 2.2% STARCH ADVANTAGE

**P8989AM**
14.55 Tons/ac 14.47 Tons/ac
- 8.2% STARCH ADVANTAGE

---

**P8294AM**
22.08 Tons/ac 22.22 Tons/ac
- 8.2% STARCH ADVANTAGE

**P8407AM**
22.97 Tons/ac 23.34 Tons/ac
- 2.2% STARCH ADVANTAGE

**P8989AM**
26.69 Tons/ac 26.17 Tons/ac
- 4.4% STARCH ADVANTAGE
| HYBRID BRAND™ | TECHNOLOGY SEGMENT | CHU | MARKET SEGMENT | CRM | SILK CRM | PHY CRM | GUS TO SILK | GUS TO PHY. | STRENGTH TO STRENGTH | MILK-SEASON BRITTLE STALK | ROOT STRENGTH | STRESS EMERGENCE | DROUGHT DEFENSE | Drought Defense | GREEN SYRINGE | HIGH RESIDUE SUITABILITY | GRAND DROP-OFF | EAR FLEXION | TEST WEIGHT | PLANT HEALTH | EAR HEIGHT | GOSS WILT | SLAGE CRM | SLAGE YIELD | SLAG AND PORK | SLAGE CRUDE PROTEIN | MILK PER ACRE | BEEF PER ACRE | BEEF PER TON |
|---------------|---------------------|-----|---------------|-----|----------|----------|-------------|-------------|----------------------|--------------------------|--------------|----------------|----------------|----------------|-------------|----------------|--------------------|----------------|----------------|----------------|-------------|----------------|----------------|----------------|----------------|----------------|
| P6909R | RR2 | 1950 | HAE | 73 | 70 | 77 | 890 | 1800 | 7 | 6 | 6x
| 39F44 | RR2 | 2000 | HAE | 73 | 70 | 72 | 890 | 1840 | 4 | 6 | 4
| P7005AM™ brand | AM, LL, RR2 | 2000 | HAE | 70 | 74 | 77 | 940 | 1810 | 3 | 4 | 7
| P7020AM™ brand | AM, LL, RR2 | 2050 | HAE | 72 | 69 | 76 | 880 | 1790 | 5 | 7 | 6
| P721AM™ brand | AM, LL, RR2 | 2050 | HAE | 72 | 70 | 74 | 870 | 1730 | 6 | 5 | 5
| P721R | RR2 | 2050 | HAE | 72 | 75 | 74 | 950 | 1730 | 4 | 6 | 7
| P785RR | RR2 | 2100 | HAE, HTF | 74 | 74 | 75 | 940 | 1760 | 8 | 7 | 8
| P741R | RR2 | 2100 | HAE | 74 | 76 | 76 | 960 | 1810 | 5 | 5 | 5
| P741AM™ brand | AM, LL, RR2 | 2125 | HAE | 74 | 76 | 76 | 960 | 1810 | 5 | 5 | 5
| P752AM™ brand | AM, LL, RR2 | 2150 | HAE, HTF | 75 | 78 | 78 | 980 | 1810 | 5 | 6 | 6
| P752AM™ brand | AMXT, LL, RR2 | 2150 | HAE, HTF | 75 | 78 | 78 | 980 | 1810 | 5 | 6 | 6
| P754AM™ brand | AM, LL, RR2 | 2150 | HTF | 75 | 970 | 5 | 5 | 5
| P786R | RR2 | 2200 | YFC | 78 | 78 | 78 | 980 | 1840 | 7 | 5 | 6
| P784AM™ brand | AM, LL, RR2 | 2225 | HTF | 78 | 970 | 5 | 6 | 5
| P786AM™ brand | AM, LL, RR2 | 2250 | YFC | 78 | 78 | 78 | 980 | 1840 | 7 | 5 | 6
| P794AM™ brand | AM, LL, RR2 | 2275 | HAE | 79 | 80 | 79 | 1010 | 1860 | 7 | 7 | 7
| P795AM™ brand | AM, LL, RR2 | 2275 | HAE, HTF | 79 | 74 | 75 | 940 | 1760 | 8 | 7 | 8
| P798AM™ brand | AM, LL, RR2 | 2275 | HAE | 79 | 84 | 1030 | 1640 | 6 | 4 | 7
| P803R | RR2 | 2325 | HAE | 80 | 92 | 82 | 1030 | 2020 | 8 | 4 | 8
| P812AM™ brand | AM, LL, RR2 | 2400 | HAE | 82 | 82 | 82 | 1050 | 2020 | 8 | 4 | 8
| P824AM™ brand | AM, LL, RR2 | 2400 | HTF, HES | 82 | 1070 | 6 | 6 | 4
| P832AM™ brand | AM, LL, RR2 | 2425 | HAE, HES | 82 | 85 | 86 | 1070 | 2040 | 7 | 6 | 6
| P840AM™ brand | AM, LL, RR2 | 2450 | HAE | 84 | 85 | 85 | 1000 | 2020 | 7 | 4 | 5
| P8407AM™ brand | AM, LL, RR2 | 2450 | HAE | 84 | 85 | 85 | 1000 | 2020 | 7 | 4 | 5
| P857AM™ brand | AM, LL, RR2 | 2550 | HAE, HTF | 85 | 83 | 85 | 1040 | 2070 | 7 | 4 | 6
| P858AM™ brand | AM, LL, RR2 | 2550 | HAE, HTF | 85 | 83 | 87 | 1040 | 2070 | 5 | 6 | 5
| P873AM™ brand | AM, LL, RR2 | 2550 | HTF | 87 | 88 | 86 | 1000 | 2040 | 5 | 4 | 5
| P878R | RR2 | 2575 | HAE | 85 | 94 | 89 | 1180 | 2130 | 8 | 5 | 7
| P8820Q™ brand | AM, LL, RR2 | 2575 | HTF, HES | 88 | 88 | 92 | 1000 | 2190 | 6 | 4 | 7
| P8859AM™ brand | AM, LL, RR2 | 2600 | HTF, HES | 88 | 1040 | 6 | 6 | 6
| P899R™ | AM, LL, RR2 | 2650 | HAE | 89 | 87 | 88 | 1090 | 2090 | 5 | 7 | 5
| P9188AM™ brand | AM, LL, RR2 | 2650 | HTF | 91 | 89 | 91 | 1200 | 2170 | 5 | 6 | 5

NOTES: For complete definitions and disclaimers related to product descriptions, characteristic ratings and disease ratings, and all other information contained herein, see page 4G.

OUTSTANDING | POOR | INSUFFICIENT DATA
---|---|---

* All scores of integrated refuge products are based upon the major component.
† New product. Not available for sale until 2022 orders and invoicing are available. Quantities may be limited.
** All Pioneer products are hybrids unless designated with AM1, AM, AML, AMT, AMXT and Q, in which case they are brands.
CORTEVA AGRISCIENCE IS THE AGRICULTURAL COMPANY DEDICATED TO FARMERS.

Our purpose is to enrich the lives of those who produce and those who consume, ensuring progress for generations to come.

We are also dedicated to helping farmers conserve resources and sustain the land. The collective success of Corteva Agriscience has been built on working to develop exceptional seed, crop protection and digital products that farmers trust.

Headquartered in Calgary, Alberta, Corteva Agriscience has over 10 cutting-edge research centres and countless industry experts working closely with farmers across the country.

OUR LOCAL CANADIAN PRESENCE

We dedicate our global and local presence, depth of knowledge and diverse resources, so farmers and their operations flourish, moving our world forward.

Through sustainable and world-class solutions, we are increasing crop productivity to help farmers get the most out of every acre, while conserving resources and sustaining the land.

Crop Protection Products for Corn

**Lontrel™ xc**

**HERBICIDE**

The most effective in-season thistle control available – right down to the roots.

- For use on a number of crops including corn and canola
- The most effective in-season thistle control available
- Flexibility to choose your rate for optimal thistle control

**Eclipse™ xc**

**HERBICIDE**

Broad-spectrum weed control for superior control of wild buckwheat and Canada thistle.

- Now registered for application in glyphosate-tolerant corn from the VE to V6 stage (8 leaf*)
- Convenient all-in-one herbicide solution offering superior control of a broad spectrum of weeds

**Sortan™ is**

**HERBICIDE**

Cleaner field, higher yield potential.

- Provides moisture-activated extended control throughout the critical weed free period (VE to V4)
- Removes early season weed competition with excellent control of volunteer glyphosate-tolerant canola and wild buckwheat
- Tank mix with glyphosate for an additional mode of action, providing a great tool for resistance management

Learn more at corteva.ca

Corteva Agriscience 2021 Field Guide App

Scan the code with your mobile device to learn more.
OUR HIGH-PERFORMING PORTFOLIO OF SOYBEAN VARIETIES HAS ALWAYS DELIVERED RESULTS YOU CAN COUNT ON. AND NOW, WITH THE ADDITION OF EVEN MORE MATURITY OPTIONS FOR PIONEER® BRAND SOYBEANS WITH ROUNDUP READY 2 XTEND® TECHNOLOGY, GROWERS CAN CONTINUE TO ENJOY HIGH PERFORMING PRODUCTS IN ALL AREAS OF WESTERN CANADA.

THE PROOF IS IN THE YIELD. GET THE #YIELDHERO DATA AT YIELDHERO.PIONEER.COM

Developed and Tested To Deliver Performance

Pioneer® brand A-Series soybeans are products of research innovations powered by AIT 4.0, our proprietary tool for more rapidly developing products with the highest yield potential. Our extensive localized breeding and testing program helps ensure your A-Series soybeans deliver superior yield potential in your fields.

Highest Soybean Yield Potential

With soybean products that are developed across many Western Canada growing areas, Pioneer® brand A-Series soybean have outperformed other soybean varieties across multiple years and locations.

Backed by Unparalleled Research and Development

Pioneer has the industry’s most extensive localized soybean breeding and product testing program to deliver leading yield-potential soybeans customized for your acres.

Leading Defensive Traits to Beat Local Challenges

Our molecular breeding hones the native defensive traits you need to fight SCN, SDS, white mould, Phytophthora and many other yield-robbing diseases. Pioneer rigorously tests its products for disease resistance under the toughest conditions to help ensure peak performance in your local growing conditions.

Key Benefits of Pioneer® brand A-Series Soybeans:

- Multiple product choices with Roundup Ready® 2 Xtend trait in all maturity groups
  - Maximize yield and profitability on your soybean acres
  - Provide varieties suited to all environments in Western Canada

Pioneer® brand soybeans with the Roundup Ready® 2 Xtend trait offer you a resistance management tool to help protect your A-Series soybean yield when glyphosate-resistant weeds (like kochia and wild buckwheat) are present.
SOYBEANS

Enlist™ weed control system will change how you think about weed management in soybeans.

Farmers will be able to purchase Pioneer® brand Enlist E3™ soybean varieties for Western Canada in the future and will be able to take control of resistant and hard-to-control weeds.

WHY USE THE ENLIST WEED CONTROL SYSTEM?

› A new system built for Canadian farmers starting with new traits providing herbicide tolerance in soybeans and corn
› Herbicide solutions built on an improved form of 2,4-D, enables management of hard-to-control and resistant weeds with Group 4 herbicides
› Supports the use of multiple modes of action to address resistant weeds, provides training, and promotes responsible and sustainable use

Enlist E3™ Soybeans

Enlist E3 soybeans provide high-yielding soybean genetics and industry-leading triple mode of action herbicide tolerance.

WHY USE ENLIST E3 SOYBEANS?

› Enlist E3 soybeans are tolerant to 2,4-D, glyphosate and glufosinate herbicides, which are part of a strong resistance management strategy
› Excellent crop tolerance enabling applications up to the R2 growth stage

Enlist™ herbicides with Colex-D™ technology


Enlist Duo™

with Colex-D™ technology

HERBICIDE

COMPLETE CONVENIENCE.

Enlist Duo provides the convenience of both 2,4-D choline and glyphosate in one formulation for control of grasses and broadleaf weeds including hard-to-control and resistant weeds.

Enlist™ 1

with Colex-D™ technology

HERBICIDE

FLEXIBILITY AND CHOICE

Enlist 1, a stand-alone 2,4-D choline formulation, provides the flexibility to tank-mix and adjust the rates of glyphosate or glufosinate for hard-to-control and resistant weeds.

COLEX-D™ Technology

WHAT GOES INTO IT

| 2,4-D choline with Colex-D Technology | Latest science | Proprietary manufacturing process |

WHAT IT DELIVERS

| Near zero volatility | Minimized potential for physical drift | Low odour | Improved handling characteristics |

Enlist Duo™ and Enlist™ 1 are powerful tools as part of the Enlist™ Weed Control System

› Colex-D technology is designed to land and stay on target.
› Wide window of application from pre-plant burndowns up to the R2 stage (full flower).
› Designed to be used with complimentary herbicides as part of a Program Approach to manage a wide range of hard-to-control and resistant weeds like:
  › Annual saw thistle
  › Cleavers
  › Dandelion
  › Kochia
  › Volunteer canola
  › Wild buckwheat

Program approach

- Start clean with a tillage, burndown, or a soil residual herbicide
- Enlist herbicides - no plant-back restriction
- If not applied before planting, apply soil residual herbicide
- Enlist Duo or Enlist™ herbicide no later than R2 or full flowering stage

EnlistCanada.ca

Always read and follow the product label and consult the Product Use Guide for additional application information. The transgenic soybean event in Enlist E3™ soybeans is jointly developed and owned by Dow AgroSciences LLC and P.S. Technologies, LLC. Enlist Duo™ and Enlist™ are the only 2,4-D products authorized for use with ENLIST™ crops. Consult Enlist herbicide labels for weed species controlled. The Enlist weed control system is owned and developed by Dow AgroSciences LLC. LIBERTY is a registered trademark of BASF, used under license by BASF Canada Inc.
## Featured Soybean Varieties

### P001A48X  
**2300 HEAT UNITS**
- Excellent harvest standability and early growth scores
- Very good anti-shatter score

**P001A48X**  
NK® S0009-M2  
31.3 bu/ac  
Source: 12 locations  
1.6 BU/AC INCREASE

### P003A97X  
**2350 HEAT UNITS**
- Early maturity Xtend soybean with excellent yield potential
- Very good harvest standability

**P003A97X**  
DEKALB® DKB003-29  
37.3 bu/ac  
Source: 12 locations  
1.7 BU/AC INCREASE

### P005A27X  
**2400 HEAT UNITS**
- Great yield for maturity
- Taller plant with average canopy width
- Excellent field emergence and anti-shattering scores
- Average white mold tolerance

**P005A27X**  
DEKALB® DKB003-29  
38.3 bu/ac  
Source: 6 locations  
0.9 BU/AC INCREASE

### P005A83X  
**2375 HEAT UNITS**
- New mid-maturity soybean with SCN resistance
- Good canopy width soybean with very good yield potential
- Performs well on heavy soils

**P005A83X**  
NK® S007-Y4  
42.7 bu/ac  
Source: 4 locations  
2.1 BU/AC INCREASE

### P006A37X  
**2425 HEAT UNITS**
- High-yielding mid-maturity variety
- Very good harvest standability
- Performs well on heavy soils

**P006A37X**  
DEKALB® DKB005-52  
38.7 bu/ac  
Source: 13 locations  
0.5 BU/AC INCREASE

### P006A75X  
**2525 HEAT UNITS**
- Bushy soybean plant type
- Very good field emergence
- Good harvest standability score
- Good iron chlorosis rating

**P006A75X**  
DEKALB® DKB005-52  
38.2 bu/ac  
Source: 6 locations  
0.7 BU/AC INCREASE

### P00A49X  
**2525 HEAT UNITS**
- Very good field emergence
- Very good iron chlorosis
- Good harvest standability
- Average field phytophthora
- Cyst Nematode tolerance

**P00A49X**  
DEKALB® 25-10RY  
46.7 bu/ac  
Source: 5 locations  
1.2 BU/AC INCREASE

### P00A75X  
**2525 HEAT UNITS**
- Very good field emergence
- Very good anti-shatter score
- Good harvest standability
- Average field phytophthora
- Cyst Nematode tolerance

**P00A75X**  
DEKALB® 25-10RY  
41.4 bu/ac  
Source: 4 locations  
0.7 BU/AC INCREASE

### P00A75X  
**2525 HEAT UNITS**
- Very good field emergence
- Very good anti-shatter score
- Good harvest standability
- Average field phytophthora
- Cyst Nematode tolerance

**P00A75X**  
DEKALB® 25-10RY  
41.4 bu/ac  
Source: 4 locations  
0.7 BU/AC INCREASE

### Featured Soybean Varieties

### P005A27X  
**2400 HEAT UNITS**
- Great yield for maturity
- Taller plant with average canopy width
- Excellent field emergence and anti-shattering scores
- Average white mold tolerance

**P005A27X**  
DEKALB® DKB003-29  
38.3 bu/ac  
Source: 6 locations  
0.9 BU/AC INCREASE

### P005A83X  
**2375 HEAT UNITS**
- New mid-maturity soybean with SCN resistance
- Good canopy width soybean with very good yield potential
- Performs well on heavy soils

**P005A83X**  
NK® S007-Y4  
40.6 bu/ac  
Source: 4 locations  
2.1 BU/AC INCREASE

### P006A37X  
**2425 HEAT UNITS**
- High-yielding mid-maturity variety
- Very good harvest standability
- Performs well on heavy soils

**P006A37X**  
DEKALB® DKB005-52  
38.2 bu/ac  
Source: 13 locations  
0.5 BU/AC INCREASE

### P006A75X  
**2525 HEAT UNITS**
- Bushy soybean plant type
- Very good field emergence
- Good harvest standability score
- Good iron chlorosis rating

**P006A75X**  
DEKALB® DKB005-52  
38.2 bu/ac  
Source: 6 locations  
0.7 BU/AC INCREASE

### P00A49X  
**2525 HEAT UNITS**
- Very good field emergence
- Very good iron chlorosis
- Good harvest standability
- Average field phytophthora
- Cyst Nematode tolerance

**P00A49X**  
DEKALB® 25-10RY  
46.7 bu/ac  
Source: 5 locations  
1.2 BU/AC INCREASE

### P00A75X  
**2525 HEAT UNITS**
- Very good field emergence
- Very good anti-shatter score
- Good harvest standability
- Average field phytophthora
- Cyst Nematode tolerance

**P00A75X**  
DEKALB® 25-10RY  
41.4 bu/ac  
Source: 4 locations  
0.7 BU/AC INCREASE

### P00A75X  
**2525 HEAT UNITS**
- Very good field emergence
- Very good anti-shatter score
- Good harvest standability
- Average field phytophthora
- Cyst Nematode tolerance

**P00A75X**  
DEKALB® 25-10RY  
41.4 bu/ac  
Source: 4 locations  
0.7 BU/AC INCREASE

### P00A75X  
**2525 HEAT UNITS**
- Very good field emergence
- Very good anti-shatter score
- Good harvest standability
- Average field phytophthora
- Cyst Nematode tolerance

**P00A75X**  
DEKALB® 25-10RY  
41.4 bu/ac  
Source: 4 locations  
0.7 BU/AC INCREASE

### P00A75X  
**2525 HEAT UNITS**
- Very good field emergence
- Very good anti-shatter score
- Good harvest standability
- Average field phytophthora
- Cyst Nematode tolerance

**P00A75X**  
DEKALB® 25-10RY  
41.4 bu/ac  
Source: 4 locations  
0.7 BU/AC INCREASE

### P00A75X  
**2525 HEAT UNITS**
- Very good field emergence
- Very good anti-shatter score
- Good harvest standability
- Average field phytophthora
- Cyst Nematode tolerance

**P00A75X**  
DEKALB® 25-10RY  
41.4 bu/ac  
Source: 4 locations  
0.7 BU/AC INCREASE

### P00A75X  
**2525 HEAT UNITS**
- Very good field emergence
- Very good anti-shatter score
- Good harvest standability
- Average field phytophthora
- Cyst Nematode tolerance

**P00A75X**  
DEKALB® 25-10RY  
41.4 bu/ac  
Source: 4 locations  
0.7 BU/AC INCREASE

### P00A75X  
**2525 HEAT UNITS**
- Very good field emergence
- Very good anti-shatter score
- Good harvest standability
- Average field phytophthora
- Cyst Nematode tolerance

**P00A75X**  
DEKALB® 25-10RY  
41.4 bu/ac  
Source: 4 locations  
0.7 BU/AC INCREASE

### P00A75X  
**2525 HEAT UNITS**
- Very good field emergence
- Very good anti-shatter score
- Good harvest standability
- Average field phytophthora
- Cyst Nematode tolerance

**P00A75X**  
DEKALB® 25-10RY  
41.4 bu/ac  
Source: 4 locations  
0.7 BU/AC INCREASE
### Soybeans

**SOYBEANS**

<table>
<thead>
<tr>
<th>CHARACTERISTIC RATING*</th>
<th>RELATIVE MATURITY</th>
<th>VARIETY/BRAND</th>
<th>RELATIVE MATURITY</th>
<th>VARIETY/BRAND</th>
<th>RELATIVE MATURITY</th>
<th>VARIETY/BRAND</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CYST NEMATODE RACE 1</strong></td>
<td>1</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>CYST NEMATODE RACE 2</strong></td>
<td>4</td>
<td>P003.97X™</td>
<td>6</td>
<td>P005.27X™</td>
<td>8</td>
<td>P006.37X™</td>
</tr>
<tr>
<td><strong>CYST NEMATODE RACE 3</strong></td>
<td>2</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>CYST NEMATODE RACE 4</strong></td>
<td>4</td>
<td>P003.97X™</td>
<td>6</td>
<td>P005.27X™</td>
<td>8</td>
<td>P006.37X™</td>
</tr>
<tr>
<td><strong>DOWNY MILDEW</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>WHITE MOLD</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>SCLerotinia</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>Phytophthora</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>Iron Chlorosis</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>Downy Mildew</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>White Mold</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>Sudden Death Syndrome</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>SCN Source</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>CYST NEMATODE RACE 1</strong></td>
<td>1</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>CYST NEMATODE RACE 2</strong></td>
<td>4</td>
<td>P003.97X™</td>
<td>6</td>
<td>P005.27X™</td>
<td>8</td>
<td>P006.37X™</td>
</tr>
<tr>
<td><strong>CYST NEMATODE RACE 3</strong></td>
<td>2</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>CYST NEMATODE RACE 4</strong></td>
<td>4</td>
<td>P003.97X™</td>
<td>6</td>
<td>P005.27X™</td>
<td>8</td>
<td>P006.37X™</td>
</tr>
<tr>
<td><strong>DOWNY MILDEW</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>WHITE MOLD</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>SCLerotinia</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>Phytophthora</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>Iron Chlorosis</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>Downy Mildew</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>White Mold</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>Sudden Death Syndrome</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
<tr>
<td><strong>SCN Source</strong></td>
<td>4</td>
<td>P000.7 A73X™</td>
<td>2</td>
<td>P001.48X™</td>
<td>3</td>
<td>P002.97X™</td>
</tr>
</tbody>
</table>

### Lumiderm™

**INSECTICIDE SEED TREATMENT**

**Key Benefits**

- Broad spectrum protection from early season insects
  - Protects soybeans from early season pests including bean leaf beetle and soybean aphid
  - Excellent seedling protection delivers uniform, healthy stand to maximize yield potential
  - New mode of action with a favourable environmental profile
  - Simplifies your seed treatment decision

**Protection against early season insects**

- Lumiderm contains a unique Group 28 insecticide
  - Provides soybean seedlings with extended protection against bean leaf beetle and soybean aphids

**Lumiderm Research Authorization Results**

<table>
<thead>
<tr>
<th>Yield (bu/ac)</th>
<th>49</th>
<th>47</th>
<th>45</th>
<th>43</th>
<th>41</th>
<th>39</th>
<th>37</th>
</tr>
</thead>
<tbody>
<tr>
<td>FST only</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lumiderm + Lumisena™ + FST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Commercial IST + FST</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Lumisena™

**FUNGICIDE SEED TREATMENT**

**Key Benefits**

- Most advanced seed-applied technology to protect against phytophthora
  - 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 that can significantly reduce yields
- Lumisena™ fungicide seed treatment offers an entirely new mode of action to provide the best protection against phytophthora
- Seed treatment research has demonstrated that Lumisena™ will provide greater protection against phytophthora than existing seed treatments

**Lumisena™ Strip Trial Kelburn Farm, MB**

<table>
<thead>
<tr>
<th>Standard IST + FST</th>
<th>Lumiderm + Lumisena™ + FST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demo Strip Trials Data (Average of 8 locations, 2 Reps/location)</td>
<td></td>
</tr>
</tbody>
</table>

**SoybeanProtection.corteva.ca**
### Alfalfa

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>MICROSOME SYSTEM</th>
<th>RELATIVITY MATURITY</th>
<th>YIELD</th>
<th>EMMERGENCE</th>
<th>DROPCOUNT</th>
<th>PERCENT OIL</th>
<th>MID-OLEIC SCORE</th>
<th>HIGH-OLEIC SCORE</th>
<th>SELF FERTILITY</th>
<th>PLANT HEIGHT</th>
<th>STEM CURVATURE</th>
<th>NECK STRENGTH</th>
<th>ROOT STRENGTH</th>
<th>RUST FIELD TOLERANCE</th>
<th>ROOT SCARLETINA</th>
<th>VEREDIC TOLLENTIA</th>
<th>PHLOMOPSIS</th>
<th>Pseudo-EC</th>
<th>DOWNT MIDLE WAVE RESISTANCE</th>
<th>FUSCH SCORE</th>
<th>HULL SCORE</th>
<th>PCT013</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALFALFA</td>
<td>38</td>
<td>Sunflower</td>
<td>39</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### TABLE

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>MID-OLEIC (MUSUN® OIL)</th>
<th>LINOLEIC (CONVENTIONAL OIL)</th>
<th>HIGH-OLEIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>P63MB0</td>
<td>ExpressSun 38 7 6 6 7 8 8 8 7 6 7 5 6 6 1-4 7 4 5</td>
<td>63A21 29 7 8 7 4 8 9 7 8 9 7 1 4 4 3 3 1 6 6 4</td>
<td>P83HE60 ExpressSun 37 7 6 6 7 8 8 6 7 6 7 5 6 6 1-4 8 4 5</td>
</tr>
</tbody>
</table>

### NOTES

- For complete definitions and disclaimers related to product descriptions, characteristic ratings and disease ratings, and all other information contained herein, see page 47.

- **Outstanding**
- **Poor**
- **Insufficient data**

### Conventional Muscle: High Yield Varieties

<table>
<thead>
<tr>
<th>VARIETY OR BRAND</th>
<th>HERBICIDE RESISTANCE</th>
<th>FALL DORMANCY</th>
<th>WHITE SHANKNESS</th>
<th>STAND PERSISTENCE</th>
<th>RELATIVE FORAGE QUALITY</th>
<th>MILK YEILD</th>
<th>BACTERIAL ROOT ROT</th>
<th>APHANOMYCES ROOT ROT (RACE 1 and 2)</th>
<th>ANTHOCYANIN INDEX</th>
<th>VASCULAR WILT</th>
<th>APHID RESISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>S4G29</td>
<td>9 4 8 9 7 8 9 9 8 8 8 8 9 7 9 6 8 8 6 8 8 7 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S4G52</td>
<td>9 4 8 9 7 8 9 9 8 8 8 8 8 7 8 8 7 9 8 8 8 7 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Forage Quality Varieties

<table>
<thead>
<tr>
<th>VARIETY OR BRAND</th>
<th>HERBICIDE RESISTANCE</th>
<th>FALL DORMANCY</th>
<th>WHITE SHANKNESS</th>
<th>STAND PERSISTENCE</th>
<th>RELATIVE FORAGE QUALITY</th>
<th>MILK YEILD</th>
<th>BACTERIAL ROOT ROT</th>
<th>APHANOMYCES ROOT ROT (RACE 1 and 2)</th>
<th>ANTHOCYANIN INDEX</th>
<th>VASCULAR WILT</th>
<th>APHID RESISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>S4Q16</td>
<td>8 4 8 8 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Premium Dormant Blend

<table>
<thead>
<tr>
<th>VARIETY OR BRAND</th>
<th>HERBICIDE RESISTANCE</th>
<th>FALL DORMANCY</th>
<th>WHITE SHANKNESS</th>
<th>STAND PERSISTENCE</th>
<th>RELATIVE FORAGE QUALITY</th>
<th>MILK YEILD</th>
<th>BACTERIAL ROOT ROT</th>
<th>APHANOMYCES ROOT ROT (RACE 1 and 2)</th>
<th>ANTHOCYANIN INDEX</th>
<th>VASCULAR WILT</th>
<th>APHID RESISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>S4B866</td>
<td>7 4 8 7 7 7 7 7 6 8 8 7 7 7 7 7 7 7 7 7 7 7 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### NOTES

- All Pioneer products denoted with "^" are brand names, in which case it is comprised of more than one Pioneer brand variety.
- Forage yield scores based on trials experiencing moderate to heavy leafhopper infestation, with no insecticide applied.
- Varieties with HarvXtra® technology will have significantly higher RFQ values than any other variety due to the reduced lignin content.
- Pending registration.
- Forage yield scores reflect the yield increase compared to conventional alfalfa types under one or more lodging events at harvest.
Sila-Bac® brand Forage Additives
Crop-Specific Options Using Patented and/or Proprietary Bacterial Strains

<table>
<thead>
<tr>
<th>SILA-BAC® BRAND INOCULANTS</th>
<th>SILA-BAC BRAND NUTRIVAIL® FEED TECHNOLOGY</th>
</tr>
</thead>
<tbody>
<tr>
<td>11CFT</td>
<td>Multi-strain with L. buchneri</td>
</tr>
<tr>
<td></td>
<td>Enables higher corn silage inclusion rates</td>
</tr>
<tr>
<td></td>
<td>Reduces shrink and improves bunklife of the silage face during feedout</td>
</tr>
<tr>
<td>11GFT</td>
<td>Multi-strain with L. buchneri</td>
</tr>
<tr>
<td></td>
<td>Improves fibre digestibility</td>
</tr>
<tr>
<td></td>
<td>Improves forage energy density to help reduce supplemental feeding cost</td>
</tr>
<tr>
<td>11B91</td>
<td>Multi-strain with fast-acting* L. buchneri</td>
</tr>
<tr>
<td></td>
<td>Reduces heating, increases bunklife</td>
</tr>
<tr>
<td></td>
<td>Minimizes dry matter loss</td>
</tr>
<tr>
<td></td>
<td>Provides improved bunklife and stable feed in 7 days</td>
</tr>
<tr>
<td>11H50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Improves dry matter digestibility</td>
</tr>
<tr>
<td></td>
<td>Reduces dry matter loss</td>
</tr>
<tr>
<td></td>
<td>Promotes faster, more efficient fermentation</td>
</tr>
<tr>
<td></td>
<td>Helps improve alfalfa silage nutritional quality</td>
</tr>
<tr>
<td>11C33</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IMPROVES FERMENTATION AND REDUCES DRY MATTER LOSS
- X X X X X X X X

IMPROVES NUTRIENT CONSERVATION
- X X X X X X X

SIGNIFICANTLY REDUCES HEATING ON BUNKER/PILE
- X X X X X X

HELPS REDUCE HEATING IN ENTIRE TMR
- X X X X X X

IMPROVES FIBRE DIGESTIBILITY
- X X X

NOTES
For complete definitions and disclaimers related to product descriptions, characteristics ratings and disease ratings, and all other information contained herein, see page 58.

Rapid React aerobic stability technology
- A proprietary bacterial strain that quickly goes into action, making feed ready in just 7 days.

Benefits include:
- Faster access to your most valuable input
- A consistently cool bunker face
- Extended bunklife

Sila-Bac® brand inoculants 11C33, 11G22 and 11B91 – now with Rapid React aerobic stability technology – provide you with earlier aerobic stability for silage consistency and faster access to new crop feed, allowing maximum flexibility when managing feed inventory.

**Patented, proprietary and unique L. buchneri strain found only in Nutrivail® Feed Technology products proven to improve rate of fiber digestibility.
*Improved aerobic stability and reduced heating is relative to untreated silage. Actual results may vary. The effect of any silage inoculant is dependent upon management at harvest, storage and feedout. Factors such as moisture, maturity, chop length and compaction will determine inoculant efficacy.
2021 Flex+ Rewards Grower Program

**ELIGIBLE CATEGORIES**
Up to 18% rebate paid on these products. (Minimum 300 acres per category)

<table>
<thead>
<tr>
<th>PRE-SEED</th>
<th>GRASS</th>
<th>BROADLEAF</th>
<th>FUNGICIDE</th>
<th>CANOLA &amp; CORN HERBICIDES</th>
<th>BONUS SEED CATEGORY**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Korrex™ II</td>
<td>Liquid Achieve™ SC</td>
<td>Attain™ XC</td>
<td>Acapela™</td>
<td>Accent™</td>
<td>Brevant™ seeds</td>
</tr>
<tr>
<td>Paradigm™ PRE</td>
<td>Simplicity™</td>
<td>Cipreme™ XC</td>
<td>Cereft™</td>
<td>Amity™ WDG</td>
<td></td>
</tr>
<tr>
<td>PrePass™ FLEX</td>
<td>Simplicity™ GoDRI™</td>
<td>Exilarate™</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PrePass™ XC</td>
<td></td>
<td>OcTol™ XL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prospect™</td>
<td></td>
<td>Pivxo™</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prestige™ XL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prominex™</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stellar™ XL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CROSS SPECTRUM*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Avenzo™</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rexade™</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rezuvant™/Rezuvant™ XL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tandem™</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tridem™</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOUNDATION (TIER BUILDER)</td>
<td>Delegaten™</td>
<td>Grazon™ XC</td>
<td>N-Serve™</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>eNtrench NXTGEN™</td>
<td>Lumisend™</td>
<td>Reclaim™ II</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enlist™ 1 / Duo</td>
<td>Lumivia™ CPL</td>
<td>Restore™ II</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Program Savings**

- **EARLY BOOK**
  - Book by March 15, 2021
  - 3%
  - Early Book starting Sept 1, 2020

- **EARLY TAKE**
  - Pick up by April 30, 2021
  - 2%
  - Early take starting Sept 1, 2020

- **LUMIVIA™ CPL BONUS**
  - Save 30% ($459 jug) on lumivia™ CPL matching acres with grass and broadleaf tank mixes and/or cross spectrum products. See reverse for eligible brands (min. 300 acres).

- **SEED BOOSTER BONUS**
  - (Min. 300 acres)
  - 1%

- **PROGRAM TIERS**
  - 2 CATEGORIES
    - 3%
  - 6%
  - 10%
  - CORE $5,000 - $24,999 MSRP

  - 3 CATEGORIES
    - 4%
  - 7%
  - 11%
  - CORE PLUS $25,000 - $99,999 MSRP or 300 acres of seed

  - 4 OR MORE CATEGORIES
    - 5%
  - 8%
  - 12%
  - PLUS MAX $100,000 MSRP or 800 acres of seed

  - 1%
  - When you purchase Pioneer® brand seed and/or Brevant™ seeds, you save on your Corteva CP purchases and will receive an additional eligible category.

- **Max Savings**
  - 18%

---

*Cross Spectrum counts as 2 categories, but maximum 3 categories when purchasing cross spectrum, grass and broadleaf.

**Bonus Seed Category is a category and tier builder, but is not eligible for a rebate in this program.

Foundation does not count as a category.

Products in Foundation and the Bonus Seed category do not qualify for the Early Book and Early Take bonus.

Eligible program period: September 01, 2020 - August 31, 2021
Granular Insights provides you with alerts where to scout first so it’s easy to catch issues early. Get the most out of every field with the most frequent, high-resolution satellite imagery available, prioritized by proprietary agronomic models, so you can spend your time on what it will make the most difference to the bottom line.

Increase Scouting Efficiency
Get a list of the top fields to scout straight to your inbox every week instead of manually sorting through hundreds of images.

Easily Collaborate With Your Team
Easily capture and share geolocated notes and photos with your advisors and team.

Find and Fix Issues Before Yield Impact
Monitor your entire operation anytime from anywhere, and easily pinpoint potential at-risk fields with high frequency, 3-m satellite imagery.

To learn more about Granular Insights, talk to your local Pioneer sales representative or get a demo at ca.granular.ag.

Detect Issues Before They Become Problems
Granular Insights provides you with alerts where to scout first so it’s easy to catch issues earlier. Get the most out of every field with the most frequent, high-resolution satellite imagery available, prioritized by proprietary agronomic models, so you can spend your time on what it will make the most difference to the bottom line.

Increase Scouting Efficiency
Get a list of the top fields to scout straight to your inbox every week instead of manually sorting through hundreds of images.

Easily Collaborate With Your Team
Easily capture and share geolocated notes and photos with your advisors and team.

Find and Fix Issues Before Yield Impact
Monitor your entire operation anytime from anywhere, and easily pinpoint potential at-risk fields with high frequency, 3-m satellite imagery.
### References

- Soyan® footnotes
  - 1. HERBICIDE RESISTANCE: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 2. FORAGE YIELD: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 3. RELATIVE FORAGE QUALITY: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 4. DISEASE RESISTANCE INDEX (DRI): Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 5. SOYBEAN CYST NEMATODE [SCN]: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 

### SUNFLOWER FOOTNOTES

- 1. IRON DEFICIENCY: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 2. SCNTOLERANCE RESOURCE: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 3. ACCIDENTAL STRESS: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 4. CRUDE PROTEIN: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 5. FIBER DIGESTIBILITY: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 6. SILAGE CRUDE PROTEIN: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 

### SLAGO FOOTNOTES

- 1. RELATIVE MATURITY: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 2. RM (RELATIVE MATURITY): Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 3. HERBICIDE SYSTEM: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 4. DISEASE PRECAUTION: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 5. PHOTOTHERMAL: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 6. PHYTOPHthora FIELD RESISTANCE: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 7. RELATIVE FORAGE QUALITY: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 8. DISEASE RESISTANCE INDEX (DRI): Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 9. SOYBEAN CYST NEMATODE [SCN]: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species.

### ALFAPA Footnotes

- 1. RELATIVE MATURITY: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 2. RM (RELATIVE MATURITY): Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 3. HERBICIDE SYSTEM: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 4. DISEASE PRECAUTION: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 5. PHOTOTHERMAL: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 6. PHYTOPHthora FIELD RESISTANCE: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 7. RELATIVE FORAGE QUALITY: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 8. DISEASE RESISTANCE INDEX (DRI): Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 

### OILCROP FOOTNOTES

- 1. RELATIVE MATURITY: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 2. RM (RELATIVE MATURITY): Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 3. HERBICIDE SYSTEM: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 4. DISEASE PRECAUTION: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 5. PHOTOTHERMAL: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 6. PHYTOPHthora FIELD RESISTANCE: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 7. RELATIVE FORAGE QUALITY: Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 
  - 8. DISEASE RESISTANCE INDEX (DRI): Source: Rating includes only hybrids with resistance to common broadleaf and grassy weed species. 

### INOCULANT FOOTNOTES

- 1. Information and ratings regarding inoculants are based on relative comparisons among products. 
  - 2. Information and ratings regarding inoculants are based on relative comparisons among products. 
  - 3. Information and ratings regarding inoculants are based on relative comparisons among products.