



PIONEER®

PIONEER® 2024

BRAND PRODUCTS



BakerAg

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Important Dates

October 27th 2023

2% PIONEER Seed Early Order Discount

December 6th 2023

PIONEER Seed Early Payment Deadline

Cash 25%

Defer Payment 22% (Prime-1)

December 6th 2023

Meristem Hopper Throttle Early Order Deadline

March 1st 2024

TruChoice® Fund Deadline for
Corteva Chemicals and Biologicals

Since you're making an investment in the ag industry's finest corn and soybeans, we're glad to provide the service that helps you get the most from those seeds.



- ☒ Seed Delivery
- ☒ Seed Treatments
- ☒ Granular Digital Solutions
- ☒ Data Management
- ☒ Field Plans
- ☒ Drone Imagery/Aerial Field Scouting
- ☒ Seed Tender Use
- ☒ TruChoice® Offering
- ☒ Flexible Payment Options



PIONEER®

BRAND

INNOVATION

Pioneer® brand products boast 95+ years of history and trailblazing innovation.

We are a technology and innovation leader developing the industry's leading seed products.

Our elite seed genetics, state-of-the-art breeding technologies and rigorous local testing ensures farmers' crops will thrive.

We're investing more resources into our R&D organization, ensuring our leadership position will be sustained.

Innovating for the American farmer to deliver on increasing yield (productivity) per acre, proprietary and differentiated traits and new breeding techniques.

We plan to launch more traits in the next decade than we have ever done before in our company's history.

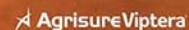
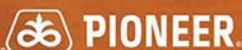
INNOVATIVE CORN PRODUCTS

VORCEED™ ENLIST®

- Pioneer® brand Vorceed™ Enlist® corn gives farmers flexibility in managing CRW pressure with three modes of action for exceptional control of CRW pests.
- Adding a new RNAi modes of action to our proven *Bt* traits.

POWERCORE® ENLIST®

- Three modes of action for protection against broad-spectrum above-ground pests.
- Superior yield potential and agronomics from one of the largest corn germplasm libraries in the industry.



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Enlist Duo® and Enlist One® herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.

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Suitability Ratings for North Central Indiana Corn Products - 2024

Pioneer Hybrid/Brand***	CRM (Silk CRM)	Planting Populations		Characteristic and Disease Ratings					High Yield	Variable Yield	Low Yield	Early Planting	Corn on Corn	Late Harvest	Tar Spot	Fungicide Response		Product Management Suggestions
		Yield Level	Recommendation for 30 inch rows	Emergence	Roots	Stalks	Brittleness	GLS								NCLB	GLS	
P0035AM™	100 (98)	120-160 Bu	27,000	5	Drought	9	HS	HS	HS	HS	S	S	S	S	7	HP	MP	Both offensive and defensive 100 day corn coupling fuller season corn type yields with AquaMax stress tolerance. Very good tar spot tolerance due to it's staygreen, but manage green snap potential.
		160-200 Bu	30,000	6	Staygreen	8	HS	HS	HS	HS	S	S	S	S	7	HP	MP	
		200-240 Bu	33,000	5	NCLB	5	HS	HS	HS	HS	S	S	S	S	7	HP	MP	
P0421AM™	104 (98)	>240 Bu	36,000	3	GLS	4	HS	HS	HS	S	S	S	S	S	7	MP	LP	Early silking hybrid with great roots and stalks. Has shown very good Tar Spot tolerance and fits muck and irrigated soils of Northern IN particularly well with its outstanding roots and moderate height.
		120-160 Bu	28,000	6	Drought	6	HS	HS	HS	S	S	S	S	S	6	MP	LP	
		160-200 Bu	31,000	8	Staygreen	6	HS	HS	HS	S	S	S	S	S	6	MP	LP	
P04511AM™	104 (102)	200-240 Bu	34,000	6	NCLB	5	S	S	S	S	S	S	S	S	6	HP	LP	INTRO. Solid agronomics with a nice yield advantage over our current hybrids in this maturity.
		200-240 Bu	37,500	6	GLS	4	S	S	S	S	S	S	S	S	6	HP	LP	
		120-160 Bu	30,000	5	Drought	6	S	S	S	S	S	S	S	S	6	HP	LP	
P0487Q™	104 (103)	160-200 Bu	32,000	7	Staygreen	7	HS	HS	HS	HS	S	S	S	S	6	MP	LP	High yielding triple for high productivity acre with good late season health. Good Tar Spot tolerance, outstanding drought tolerance, and plenty of ear flex make it a top candidate for variable Northern IN soils.
		200-240 Bu	30,000	5	NCLB	6	HS	HS	HS	S	S	S	S	S	6	MP	LP	
		200-240 Bu	33,500	6	GLS	5	HS	HS	HS	S	S	S	S	S	6	MP	LP	
P0720	107 (106)	120-160 Bu	31,000	4	Drought	8	HS	HS	HS	S	S	S	S	S	7	HP	LP	Leader Product! Exceptional roots provides outstanding drought tolerance supporting placement on sand ground and in heavy day soils. Strong stalks with average NLB. Manage GLS. Rapid drydown.
		160-200 Bu	32,000	7	Staygreen	6	HS	HS	HS	S	S	S	S	S	5	MA	MA	
		200-240 Bu	35,500	6	NCLB	6	S	S	S	S	S	S	S	S	5	MA	MA	
P0859AM™	108 (111)	>240 Bu	37,000	4	GLS	4	HS	HS	HS	S	S	S	S	S	6	MP	MP	Package on the farm with P0720AM and P0953AM. Showed great versatility under stress during the 2022 growing season with very high top end potential. Very solid disease package on top of the versatility.
		120-160 Bu	31,000	4	Drought	7	HS	HS	HS	S	S	S	S	S	6	MP	MP	
		160-200 Bu	32,000	6	Staygreen	6	HS	HS	HS	S	S	S	S	S	6	MP	MP	
P0935AM™	109 (111)	200-240 Bu	32,500	6	NCLB	5	HS	HS	HS	S	S	S	S	S	6	MP	MP	Verstatile hybrid that fits variable and tight/wet soils P0977AM fit with some added top end yield potential.
		200-240 Bu	35,000	6	GLS	4	HS	HS	HS	S	S	S	S	S	6	MP	MP	
		120-160 Bu	29,000	6	Drought	7	HS	HS	HS	S	S	S	S	S	6	MP	MP	
P0924	109 (109)	160-200 Bu	31,000	6	Staygreen	6	HS	HS	HS	S	S	S	S	S	6	MP	LP	High yielding triple stack, waxy, and non-GMO hybrid with great agronomics. Above average roots and brittle tolerance. Good test weight. Moderate resistance to GLS and above average NCLB resistance and Tar Spot.
		200-240 Bu	33,000	5	NCLB	6	HS	HS	HS	S	S	S	S	S	6	MP	LP	
		200-240 Bu	35,000	6	GLS	5	HS	HS	HS	S	S	S	S	S	6	MP	LP	
P0934WX™	109 (108)	120-160 Bu	29,000	5	Drought	6	HS	HS	HS	S	MA	MA	S	S	6	MP	MP	Outstanding yield potential and grain quality are trademarks for this waxy corn. Strong roots on good stalks allow it to stand well into harvest. Steer toward better soils.
		160-200 Bu	32,000	8	Staygreen	8	HS	HS	HS	S	MA	MA	S	S	6	MP	MP	
		200-240 Bu	35,000	7	NCLB	5	HS	HS	HS	S	MA	MA	S	S	6	MP	MP	
P0953AM™	109 (111)	>240 Bu	37,000	5	GLS	5	HS	HS	HS	S	S	S	S	S	6	MP	MP	YIELD LEADER. More fit to top-end yielding soils or under irrigation. Shorter plant stature, low ear placement, dark green canopy. Above average stalks and roots. Keep populations moderated, even under higher yield.
		120-160 Bu	27,000	5	Drought	6	HS	HS	HS	S	S	S	S	S	5	MP	MP	
		160-200 Bu	29,000	6	Staygreen	6	HS	HS	HS	S	S	S	S	S	5	MP	MP	
P0995AM™	109 (109)	200-240 Bu	31,000	6	NCLB	6	S	S	S	S	S	S	S	S	5	MP	MP	Lead stress hybrid with good drought tolerance and solid agronomics. Wide area adaptation on tough variable soils. Moderate resistance to GLS and NCLB.
		200-240 Bu	33,000	5	NCLB	5	S	S	S	S	S	S	S	S	5	MP	MP	
		200-240 Bu	35,000	5	GLS	5	S	S	S	S	S	S	S	S	5	MP	MP	
P1027AM™	110 (109)	120-160 Bu	27,000	4	Drought	6	HS	HS	HS	S	S	S	S	S	6	MA	MP	YIELD LEADER. High yielding AM with very high yield potential. Make sure to place on well drained, good soils or under irrigation. Good Tar Spot tolerance.
		160-200 Bu	30,000	6	Staygreen	6	HS	HS	HS	S	S	S	S	S	6	MA	MP	
		200-240 Bu	32,000	5	NCLB	6	HS	HS	HS	S	S	S	S	S	6	MA	MP	
P1108Q™	111 (110)	>240 Bu	34,000	6	GLS	5	HS	HS	HS	S	S	S	S	S	6	MP	MP	Agronomically sound hybrid with tremendous yield and consistent performance across all environments. Moderate plant stature with strong stalks and an all around strong disease package.
		120-160 Bu	29,000	6	Drought	7	HS	HS	HS	S	S	S	S	S	6	MP	MP	
		160-200 Bu	31,000	5	Staygreen	7	HS	HS	HS	S	S	S	S	S	6	MP	MP	
P1108WX™	111 (110)	200-240 Bu	33,000	6	NCLB	5	HS	HS	HS	S	S	S	S	S	6	MP	MP	Agronomically sound hybrid with tremendous yield and consistent performance across all environments. Moderate plant stature with strong stalks and an all around strong disease package.
		200-240 Bu	33,000	6	NCLB	5	HS	HS	HS	S	S	S	S	S	6	MP	MP	
		200-240 Bu	35,000	6	GLS	5	HS	HS	HS	S	S	S	S	S	6	MP	MP	



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		Yield Level	Recommendation for 30 inch rows	Emergence	Roots	Stalks	Brittleness								GLS	NCLB	
P1136AM™	(111) (112)	120-160 Bu	29,000	5	Drought	6	HS	HS	MA	S	S	S	S	6	MP	MP	YIELD LEADER. Widely adapted mid-season hybrid for the well drained, mid to highly productive acre. Strong stalks and roots, especially late roots. Good foliar disease package. Very nice grain quality/TW.
		160-200 Bu	32,000	6	Staygreen	5											
		200-240 Bu	34,000	5	NCLB	5											
P1170AM™	(111)	>240 Bu	37,000	5	GLS	5	S	HS	HS	S	S	S	S	6	MA	MA	NEW HYBRID. Southern adapted mid-season hybrid providing solid stress potential and top-end yields. Best kept of loose, loamy soils due to lower root and willowing score. Very consistent performance on Stable hybrid for most acres across Northern IN. Short stature plant with tremendous root strength, standability, and NCLB resistance. High test weight and exceptional grain quality. Manage GLS.
		120-160 Bu	26,500	5	Drought	7											
		160-200 Bu	30,000	5	Staygreen	7											
P1185 P1185AM™ P1185Q™	(111) (110)	200-240 Bu	32,000	6	NCLB	6	HS	S	MA	S	S	HS	S	6	HP	LP	Industry leading consistency with proven performance, on both high yield and variable soils. Dependable agronomics. Tremendous staygreen with above average resistance to NCLB.
		>240 Bu	34,500	5	GLS	5											
		120-160 Bu	28,000	4	Drought	7											
P1197 P1197AM™ P1197WX™	(111) (113)	160-200 Bu	30,000	7	Staygreen	6	HS	S	MA	S	S	HS	S	6	MP	LP	VERSATILE YIELD LEADER. Best performance on moderate to high yield soils. Strong overall agronomic package. Above average stalks and roots. Great staygreen with moderate resistance to GLS and NCLB.
		200-240 Bu	32,000	6	NCLB	5											
		>240 Bu	35,000	5	GLS	5											
P1222 P1222AM™	(112) (114)	120-160 Bu	28,000	6	Drought	6	HS	HS	S	S	S	S	S	5	MP	MP	Top-end yield, and agronomics. A taller, robust plant. Strong stalks. Excellent staygreen. Best on well drained soils and manage average Tar Spot tolerance.
		160-200 Bu	30,000	6	Staygreen	7											
		200-240 Bu	32,000	6	NCLB	5											
P1359 P1359AM™ P1359WX™	(113) (113)	120-160 Bu	28,000	6	Drought	6	HS	S	MA	S	S	HS	S	5	MP	LP	FULL SEASON YIELD LEADER. Eastern adapted hybrid bringing top-end yield, stability, and stress tolerance over P1222 & P1359. Solid disease package, standability, and intactness. Manage roots.
		160-200 Bu	30,000	6	Staygreen	8											
		200-240 Bu	32,000	7	NCLB	5											
P1383AM™	(112)	120-160 Bu	27,000	6	Drought	6	HS	HS	S	S	HS	S	S	5	MP	MP	INTRO FULL SEASON YIELD LEADER. Very solid agronomic scores with versatile placement. Brings a step-change in yield versus other hybrids in this maturity.
		160-200 Bu	30,000	6	Staygreen	6											
		200-240 Bu	32,000	6	NCLB	6											
P14830AM™ P14830Q™	(114) (111)	120-160 Bu	27,000	5	Drought	6	S	S	S	S	S	S	S	5	MA	MA	FULL SEASON YIELD LEADER. Exceptional silage hybrid. Very offensive hybrid with opportunity to moderate seeding rates to take advantage of tremendous ear flex High TW.
		160-200 Bu	30,000	5	Staygreen	5											
		200-240 Bu	32,000	5	NCLB	5											
P1718 P1718AWL™	(117)	120-160 Bu	27,000	4	Drought	7	HS	HS	HS	S	S	S	S	5	MP	MP	FULL SEASON QROME YIELD LEADER. Yield standard in full season triples on a nice high plant and moves north out of zone will. Industry best Tar Spot tolerance.
		160-200 Bu	29,000	5	Staygreen	5											
		200-240 Bu	31,000	8	NCLB	4											
P1742Q™	(117)	>240 Bu	33,000	6	GLS	5	HS	S	S	S	HS	HS	HS	7	MP	HP	
		120-160 Bu	27,000	6	Drought	6											
		160-200 Bu	30,000	7	Staygreen	7											

Product Positioning and Management Recommendations are made from personal observations. Product Population data taking hybrid performance and agronomic scores into consideration. Product Ratings: HS = Highly Suitable, S = Suitable, MA = Manage Appropriately, HP = High Probability, MP = Moderate Probability, LP = Low Probability



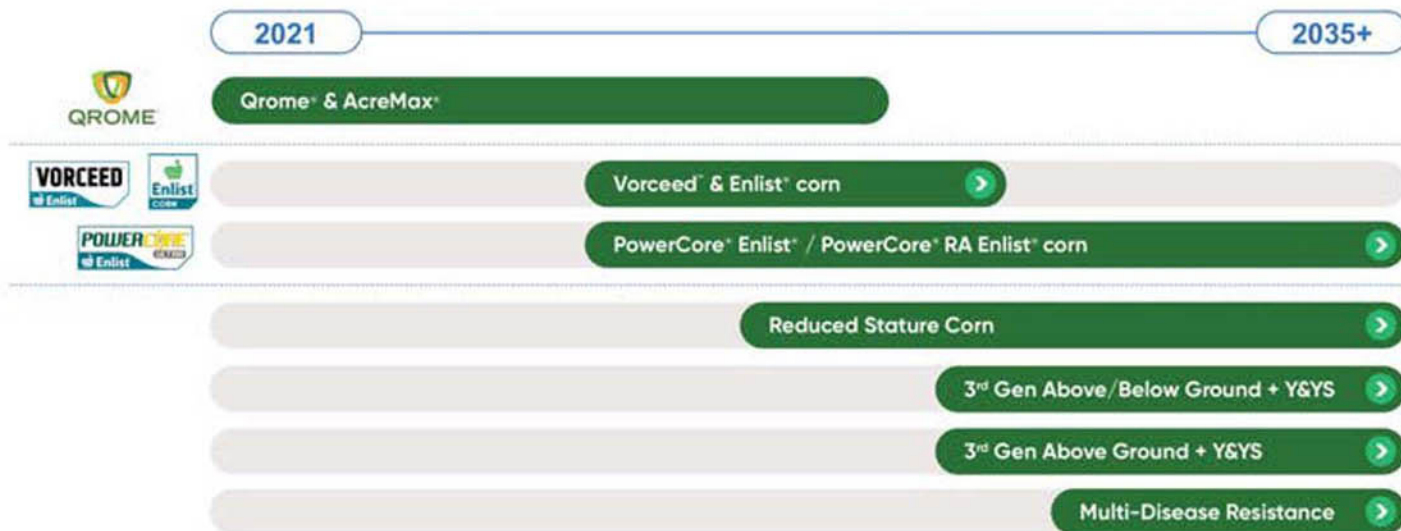
*** All Pioneer products are hybrids unless designated with AM, AM, AM, AMT, AMX, AMWT and Q, in which case they are brands. All scores of integrated refuge products are based upon the major component. HYBRID FAMILY: Hybrid family identifies products that have the same base genetics. Manage products within the same family similarly.



WHAT'S NEXT HAPPENS HERE

The Pioneer® corn portfolio today is comprised of elite genetics, advanced biotech trait options and best-in-class seed treatments. Future product innovations will build on our solid foundation of delivering a premium product performance through exclusive, tailored genetics and trait packages.

CORN INNOVATION: TODAY AND TOMORROW



ELITE CORN GENETICS + BEST TECHNOLOGY OPTIONS = **SUPERIOR PERFORMANCE**

Backed by an industry-leading R&D engine, the near-term pipeline will bring new technology and flexibility to farmers, with multiple long-term innovative options to follow.

* PowerCore® Enlist® Refuge Advanced® corn, PowerCore Ultra Enlist corn, PowerCore Ultra Enlist Refuge Advanced corn, new MOA lepidopteran above-ground protection and new MOA CRW below-ground protection will not be offered for sale or distribution until completion of field testing and applicable regulatory reviews.

NEAR-TERM PIPELINE INTRODUCTIONS



Enables multi-year flexibility to manage corn rootworm (CRW) across through more options than any other CRW product with 6 modes of action to control insects and 4 modes of actions for weeds.

- 6 insect protection modes of action + 4 herbicide tolerance modes of action + enhanced yield potential and agronomics through broad germplasm compatibility
- Includes a new CRW protection mode of action in RNAi, combined with Cry3Bb1 and the proven Bt proteins in DP4114.
- With the inclusion of the Enlist® corn trait, Vorceed™ Enlist® corn will have tolerance to multiple herbicides, including 2,4-D choline, glyphosate, glufosinate, and FOP to allow maximum flexibility in weed management.



A comprehensive trait package for above-ground pest acres and weed management options allows for peace of mind corn is protected.

- PowerCore® Enlist® corn features three modes of action for protection against broad-spectrum above-ground pests, including susceptible European corn borer, fall armyworm, Southwestern corn borer, and corn earworm.
- Insect protection products available in a diverse lineup of high yield potential genetics across a wide range of maturities in both integrated refuge – PowerCore Enlist Refuge Advanced® corn – and structured refuge options.
- With the addition of the Enlist® corn trait, PowerCore Enlist corn will have tolerance to multiple herbicides, including 2,4-D choline, glyphosate, glufosinate, and FOP to allow maximum flexibility in weed management.



A comprehensive trait package with additional technology for above ground-ground pest protection.

- Includes all the advantages and flexibility of PowerCore Enlist corn, with an additional mode of action for geographies that need additional protection against fall armyworm and western bean cutworm.
- Will be available in both integrated refuge – PowerCore® Ultra Enlist® Refuge Advanced® corn – and structured refuge options.

ENLIST® CORN FOR EFFECTIVE, NEIGHBOR-FRIENDLY WEED CONTROL.



- Part of the Enlist® weed control system, it enables flexible weed management with a wide application window for late-season broadleaf weed control
- Ease of use and confidence with applications of Enlist® herbicides

LONG-TERM PIPELINE OPPORTUNITIES*

REDUCED STATURE CORN

- Yield stability through stress tolerances (wind)
- Corteva Agriscience is bringing new products to market that have been selected for high performance
- All season equipment access

NEW MOA LEPIDOPTERAN 3RD GEN ABOVE-GROUND PROTECTION

- Broad-spectrum control of above-ground lepidopteran pests
- Season-long protection with multiple modes of action
- New insect control proteins derived from Bt source diversify Corteva Agriscience's pipeline of proprietary Bts

NEW MOA CRW 3RD GEN BELOW-GROUND PROTECTION

- New, non-Bt protein sources protect roots by controlling corn rootworm
- Excellent efficacy against Western and Northern corn rootworm
- Corteva developed suite of proprietary traits

YIELD AND YIELD STABILITY TRAIT (Y&YS1)

- Improves grower productivity under a wide range of growing conditions, from stressed to optimal environments
- Consistent yield potential under high-stress conditions
- Corteva developed propriety technology

MULTI-DISEASE RESISTANCE TRAIT

- Delivers dominant disease resistance traits in elite hybrids
- Creates in-field management efficiencies
- Corteva-developed proprietary technology



AgrisureRW
AgrisureViptera

¹ Corteva Agriscience. Research studies of NDFD. Data on file, 2021.

* Current estimated project plans. Pending applicable regulatory reviews and completion of field testing. Enlist™ corn is part of the Enlist™ weed control system, which is sold in combination with other biotech stacked traits.

PowerCore® Enlist® Refuge Advanced® corn, PowerCore Ultra Enlist corn, PowerCore Ultra Enlist Refuge Advanced corn, new MOA lepidopteran above-ground protection and new MOA CRW below-ground protection will not be offered for sale or distribution until completion of field testing and applicable regulatory reviews.

PowerCore® multi-event technology developed by Corteva Agriscience and Monsanto. PowerCore® is a registered trademark of Monsanto Technology LLC.

Liberty®, LibertyLink® and the Water Droplet Design are trademarks of BASF.

Agrisure® and Agrisure Viptera® are registered trademarks of, and used under license from, a Syngenta Group Company. Roundup Ready® is a registered trademark used under license from Monsanto Company.

Enlist Duo® and Enlist One® herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.

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PIONEER® BRAND POWERCORE® ENLIST® CORN



FLEXIBILITY HAS NEVER LOOKED SO STRONG





Product overview

- An advanced combination of high-yielding genetics, unsurpassed flexibility and protection against above-ground pests
- Stacked with the Enlist® corn trait for multiple modes of action against tough weeds

Farmer benefits

- Long-lasting insect control against key above-ground susceptible insects
- Herbicide flexibility with tolerance to 2,4-D choline in Enlist® herbicides, glyphosate, glufosinate and FOP herbicides
- Enlist® weed control system provides a whole-farm, neighbor-friendly solution across corn, soybean and cotton acres
- Exclusive products available with the Pioneer® brand bringing superior yield potential, agronomics and elite genetics

How does PowerCore® trait technology stack up?

	Primary Pest Controlled	PowerCore® Enlist® corn	VT Double PRO® corn
	 Black cutworm	✓	NONE
3 modes of action	 European corn borer	✓✓✓	✓✓
	 Fall armyworm	✓✓✓	✓✓
	 Southwestern corn borer	✓✓✓	✓✓

Checkmarks represent number of modes of action for control over specified pest.

* PowerCore Enlist corn requires a 5% refuge in the Corn Belt and a 20% refuge in cotton-growing areas.



Economical weed control

– enhancing corn trait technology

Enlist® corn provides robust tolerance to 2,4-D choline in Enlist® herbicides, as well as glyphosate and FOP herbicides, providing more weed control options to give farmers more flexibility and choice in their field management.



Hybrids tolerant to:

2,4-D
choline

Glyphosate

Glufosinate

FOP
herbicides

Insect protection from PowerCore® or Vorceed™ trait technology

Additional benefits to the Enlist™ System

- Wider application window: no larger than V8 growth stage or 30"
- Low volatility
- Whole farm convenience



Product responses can vary by location, pest population, environmental conditions, and agricultural practices. Please contact your Corteva Agriscience sales professional for information and suggestions specific to your operation. Individual results may vary. 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, Corteva Agriscience recommends you implement Integrated Pest Management (IPM) 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 sales professional 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.

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authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions.

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The PowerCore® Enlist® Refuged Advanced® trait is not yet available for sale or distribution in the U.S.; limited quantities available in Canada for 2023.

Liberty®, LibertyLink® and the Water Droplet Design are trademarks of BASF.

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Characterizing corn insect protection technology



ABOVE-GROUND INSECT PROTECTION

		European corn borer [#]	Southwestern corn borer [#]	Black cutworm	Corn earworm [#]	Western bean cutworm ⁺	Fall armyworm [#]	Herbicide tolerance
Options in the Pioneer® brand portfolio	Optimum® AcreMax® PRODUCTS	+++ [▼]	+++ [▼]	++	+	-	++	glyphosate, glufosinate
	Optimum® AcreMax® Leptra® & Optimum® Leptra® PRODUCTS	+++ [▼]	+++ [▼]	+++ [▼]	+++	+++	+++ [▼]	glyphosate, glufosinate
	Optimum® Intrasect® PRODUCTS	+++ [▼]	+++ [▼]	++	+	-	++	glyphosate, glufosinate
	PowerCore® Enlist® corn PRODUCTS <small>COMING SOON</small>	+++ [▼]	+++ [▼]	++	+	-	++ [▼]	2,4-D choline, glyphosate, glufosinate, FOP
	PowerCore® Ultra Enlist® corn [†] PRODUCTS <small>COMING SOON</small>	+++ [▼]	+++ [▼]	+++ [▼]	+++	+++	+++ [▼]	2,4-D choline, glyphosate, glufosinate, FOP
Competitive products	VT Double PRO® RIB Complete® corn	+++ [▼]	+++ [▼]	-	+	-	++ [▼]	glyphosate
	Trecepta® corn	+++ [▼]	+++ [▼]	+++	+++	+++	+++ [▼]	glyphosate
	Agrisure® 3120 E-Z Refuge® corn	+++ [▼]	+++ [▼]	++	+	-	++	glyphosate, glufosinate
	Agrisure® 3330 E-Z Refuge® corn	+++ [▼]	+++ [▼]	+++	+++	+++	+++ [▼]	glyphosate, glufosinate

+++ Excellent protection ++ Good protection + Some protection - No activity/not labelled ▼ 2 or more working modes of action

[†] The Vorceed™ Enlist® trait and PowerCore® Ultra Enlist® trait will not be offered for sale or distribution until completion of field testing and applicable regulatory reviews.

ABOVE- AND BELOW-GROUND INSECT PROTECTION

		Corn rootworm (western [#] , northern, Mexican)	European corn borer	Southwestern corn borer [#]	Black cutworm	Corn earworm [#]	Western bean cutworm [#]	Fall armyworm [#]	Herbicide tolerance
Options in the Pioneer® brand portfolio	Qrome® PRODUCTS	++ [∇]	+++ [∇]	+++ [∇]	++	+	-	++	glyphosate, glufosinate
	Optimum® AcreMax® XTreme PRODUCTS	++ [∇]	+++ [∇]	+++ [∇]	++	+	-	++	glyphosate, glufosinate
	Vorceed™ Enlist® corn† PRODUCTS	+++ [∇]	+++ [∇]	+++ [∇]	++	+	-	++ [∇]	2,4-D choline, glyphosate, glufosinate, FOP
Competitive products	SmartStax® Technology	++ [∇]	+++ [∇]	+++ [∇]	++	+	-	++ [∇]	glyphosate, glufosinate
	SmartStax® PRO Technology	+++ [∇]	+++ [∇]	+++ [∇]	++	+	-	++ [∇]	glyphosate, glufosinate
	Agrisure® Duracade® 5122 E-Z Refuge® corn	++ [∇]	+++ [∇]	+++ [∇]	++	+	-	++	glyphosate, glufosinate

+++ Excellent protection ++ Good protection + Some protection - No activity/not labelled ∇ 2 or more working modes of action



Characterization from Internal Corteva Agriscience Attributes database.
 Efficacy levels based on Corteva Agriscience and/or independent university entomologist results against susceptible insect populations. Product responses can vary by location, pest population, environmental conditions, and agricultural practices.
 Please contact your Pioneer sales professional for information and suggestions specific to your operation. Individual results may vary.
 # 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, Corteva Agriscience recommends you implement Integrated Pest Management (IPM) 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 sales professional 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 Corteva Agriscience 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.

† The Vorceed™ Enlist® trait and PowerCore® Ultra Enlist® trait will not be offered for sale or distribution until completion of field testing and applicable regulatory reviews.

PowerCore® multi-event technology developed by Corteva Agriscience and Monsanto. PowerCore® is a registered trademark of Monsanto Technology LLC. Always follow IRM, grain marketing and all other stewardship practices and pesticide label directions. B.T. products may not yet be registered in all states. Check with your seed representative for the registration status in your state.
 Roundup Ready® is a registered trademark used under license from Monsanto Company.
 Liberty®, LibertyLink® and the Water Droplet Design are trademarks of BASF.
 Agrisure® and Agrisure Viptera® are trademarks of, and used under license from, a Syngenta Group Company.
 Agrisure® technology incorporated into these seeds is commercialized under a license from Syngenta Crop Protection AG.
 Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS Product Launch Stewardship Guidance and in compliance with the Corteva Agriscience policies regarding stewardship of those products. In line with these guidelines, our product launch process for responsible launches of new products includes a longstanding process to evaluate export market information, value chain consultations, and regulatory functionality. Growers and end-users must take all steps within their control to follow appropriate stewardship requirements and confirm their buyer's acceptance of the grain or other material being purchased. For more detailed information on the status of a trait or stack, please visit www.biotradestatus.com.
 Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

Fungicide

The LumiGEN® seed treatment package on Pioneer® brand corn products is the most robust protection in the industry.



	Trade Name	Active Ingredients	Pythium	Rhizoctonia	Fusarium	Head smut
 Lumiscend™ Pro seed treatment		Metalaxyl	●			
		Ethaboxam	●			
		Inpyrfluxam		●	●*	
		Ipconazole		●	●	●
		L-2012 R biofungicide	Bacillus amyloliquefaciens strain MBI 600		●	●
		Number of Modes of Action	2	3	3	1
Acceleron® - Enhanced Disease Control	Acceleron® DC-309	Metalaxyl	●			
	Acceleron® D-342	Prothioconazole		●	●	
	Acceleron® D-281	Fluoxastrobin		●		
	Acceleron® D-310	Ethaboxam	●			
		Number of Modes of Action	1	2	1	
NK®/Golden Harvest® corn standard		Mefenoxam	●			
		Azoxystrobin	●	●	●	
		Fludioxonil		●		
		Thiabendazole				●
		Sedaxane		●		
		Number of Modes of Action	2	3	2	

* pending EPA label addition approval.

Insecticide/Nematicide

The LumiGEN® premium insecticide seed treatment package on Pioneer® brand corn products is the broadest spectrum protection in the industry.



INSECTICIDE SEED TREATMENTS CHARACTERIZATION

Pest	Premium Package Lumialza® bio-nematicide Lumivia® 250 Lumisure® 250	Enhanced CRW Package Lumialza® bio-nematicide Lumisure® 1250	Bayer Option Poncho® Votivo® 500	Regional Seed Co. Option Cruiser® 250
Corn Nematodes	+++	+++	++	-
Wireworm	+++	++++	+++	++
Cutworm	++++	++	+ ¹	+ ¹
Fall Armyworm	++++	-	-	-
Seed Corn Maggot	+++	+++	+++	++
White Grub	+++	++++	+++	++
Grape Colaspis	+++	+++	++	++
Billbug	++	+++	-	-
Flea Beetle	++	+++	++	++
Corn Rootworm	-	++	-	-
LumiGEN seed treatment				

- No Control or not labeled
+ Feeding reduction ++ Average protection +++ Above average protection ++++ Excellent protection
¹ labeled for control

Lumivia® insecticide seed treatment, Lumialza® bio-nematicide and Lumisure® 1250 and 250 are part of the LumiGEN technologies package available on Pioneer brand corn. Poncho® products are included in Acceleron® seed applied solutions. Cruiser® products are available on NK® corn.

Lumialza®

NEMATICIDE SEED TREATMENT

- Expanding Bio-barrier shields roots
- 80+ days of root growth protection
- Activity against all key nematode species
- Yield improvement of 3.7 bu/a under low nematode pressure & 9.0 bu/a when under heavy nematode pressure*

Lumiflex™

SEED TREATMENT FUNGICIDE

Lumivia®

INSECTICIDE SEED TREATMENT

Lumiscend™ Pro

FUNGICIDE SEED TREATMENT

Lumisure®

INSECTICIDE SEED TREATMENT

The information described in these charts is based on a review of product labels and research trials. These comparisons include base rates. Additional seed treatment options are available with all brands compared.

Acceleron® is trademark of Bayer.

NK®, Maxim®, Quattro, Cruiser® and Vibrance® are registered trademarks of Syngenta.

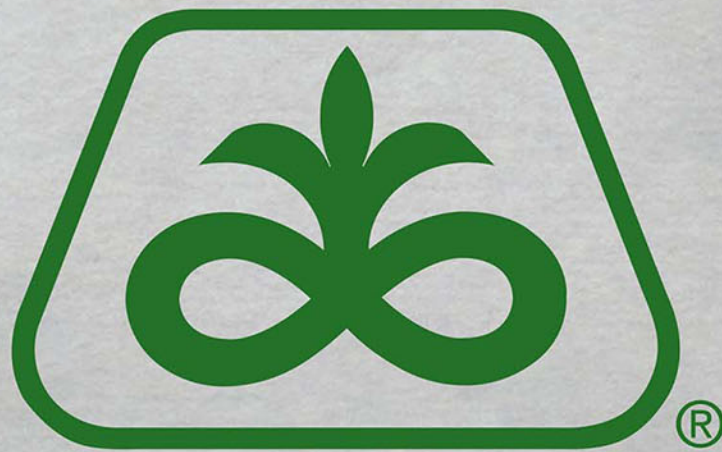
Poncho® is a registered trademark of BASF.

Contact your local Corteva Agriscience retailer or representative for details and availability in your state.

The information presented here is not an offer for sale. This is not intended as a substitute for the product label for the product(s) referenced herein. The information contained in this technical document is based on the latest to-date technical information available to Corteva Agriscience, and Corteva Agriscience reserves the right to update the information at any time.

* Lumialza® nematicide seed treatment vs. non-nematicide seed treatment utilizing the same insecticide and fungicide recipe in seed applied technology replicated and strip trial data. Yields ranged from 3 to 9 bu/a depending on nematode species and population, in 184 low stress and 54 moderate to high stress locations. Individual results may vary.

Pioneer® brand products are provided subject to the terms and conditions of purchase which are part of the labeling and purchase documents. © 2023 Corteva. 013031 P10 (05/23)



PIONEER®

IT'S TIME YOU BROUGHT YOUR A-GAME.

A
SERIES
SOYBEANS

We bring ours, year after year. With unmatched agronomic performance and exclusive genetics, these seeds have earned the title of America's number one soybean brand for 20-plus years and counting.

Pioneer® brand A-Series soybeans. Number one for a reason.

Pioneer.com/SoybeanLeader

Source: U.S. Market Research

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Pioneer® brand Soybeans - Seed Treatment Portfolio

Treatment	Application Rate	Active Ingredient	Activity & Benefits
LumiTreo™ Fungicide	0.25 fl oz/140k	Oxathiapiprolin, Iaconazole, Picoxystrobin	Multiple modes of action to control the soybean seedling disease complex (damping off, seedling blight, seed and root rot) caused by <i>Phytophthora</i> , <i>Fusarium</i> , <i>Rhizoctonia</i> , and suppression of <i>Pythium</i> . Also provides protection from seed-borne <i>Phomopsis</i> .
L-2030 G Bio-Fungicide, Bio-Stimulant, + Color/Polymer	1.0 fl oz/140k	<i>Bacillus amyloiquefaciens</i> and <i>Bacillus pumilus</i>	The biological provides early season protection against <i>Rhizoctonia</i> and <i>Fusarium</i> while enhancing root and plant growth. The color/polymer provides a distinctive green color plus a coating to minimize dust-off and improve seed flow through planting and seed handling equipment.
Sebring® 318 Fungicide	0.2 fl oz/140k	Metalaxyl	Excellent activity against <i>Pythium</i> sp. damping off. Also labeled for early season <i>Phytophthora</i> control.
Imidacloprid Insecticide	0.80 fl oz/140k	Imidacloprid	Protection against early-season insect feeding from overwintering bean leaf beetles, seedcorn maggot and suppression of soybean aphids. Pair with Lumiderm Insecticide to broaden pest protection and provide a second mode of action against BLB, SCM, and aphids.
Lumiderm® Insecticide (Optional to add to any package)	0.57 fl oz/140k	Cyantraniliprole	New systemic mode of action that shields soybeans above and below ground from cutworm*, bean leaf beetle, thrips, seedcorn maggot, soybean aphid, white grub and wireworm.
ILEVO® HL (Optional to add to any package)	0.50 to 1.00 fl oz/140k	Fluopyram	Control of SDS (<i>Fusarium viguiliforme</i>) and Soilborne Nematodes (Soybean Cyst Nematode, Lesion nematode, Root knot nematode, Lance nematode and Reniform nematode.)
L-120+ (Optional to add to any package)	1.0 fl oz/140k	<i>Rhizobia</i> Inoculant plus Extender	Delivers high concentration of beneficial <i>Rhizobia</i> bacteria for nitrogen fixation. Extender product helps prolong <i>Rhizobia</i> up to 120+ days following application.



L-2030 G has not yet received regulatory approval in any country outside the United States. Approval in other countries is subject to regulatory review. Always read the label for use instructions. This product is not intended for use on soybeans. The information contained in this document is based on the latest available data and is subject to change without notice. © 2023 Corteva. All rights reserved.

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2024 TruChoice® Offer



A better way to buy your Corteva Agriscience® crop protection products.
Up to **15% upfront savings** on your Corteva® crop protection with Pioneer purchase.

CROP PROTECTION SAVINGS

	Earn	Qualification
Prepay Savings	10% Cash or 5% Credit	Fund a TruChoice® prepay account, with a minimum of \$5,000 by Mar. 1, 2024
PLUS		
	Earn	Qualification
Pioneer Customer Bonus	5% Additional Upfront Savings	Achieve Infinity Platinum or Gold level
<hr/>		
Total Savings	15% Cash or 10% Credit	

-  **1. INVOICE**, pay, and achieve Infinity Platinum or Gold level status on your Pioneer brand products with your Pioneer sales representative by **Jan. 12, 2024**
-  **2. FUND** your TruChoice prepay account, with your Pioneer sales representative or on Pioneer.com, with a minimum of \$5,000 by **Mar. 1, 2024**
-  **3. EARN** upfront savings on Corteva Agriscience crop protection products
 - PREPAY SAVINGS
 - PIONEER CUSTOMER BONUS
-  **4. SPEND** your TruChoice prepay funds on participating Corteva crop protection products for upfront savings

See the 100+ eligible crop protection products at pioneer.com/truchoice

General program provisions

Sign your Grower Prepay Agreement via your local Pioneer sales representative or by logging on to Pioneer.com

1. Earn TruChoice® offer prepay savings by funding a prepay account from Oct. 2, 2023 through Mar. 1, 2024. Spend your TruChoice prepay account funds at any authorized retailer; transactions must be entered into TruChoiceOnline.com between Nov. 15, 2023 and Sept. 30, 2024.
2. Any amount of prepay funds can be used towards your Corteva Agriscience crop protection products; however a minimum of \$5,000 deposited plus the prepay savings applied must be spent in order to retain any prepay savings.
3. Any quantities of qualifying products purchased during the offer period which are subsequently returned to the Pioneer agents or retailers are not eligible for the incentives, nor will they count toward the required minimum(s).
4. The Pioneer Customer Bonus is available to customers whose business operations are based in AZ, CO, CT, DE, ID, IL, IN, IA, KS, ME, MD, MA, MI, MN, MO (excluding Bootheel counties of Bollinger, Butler, Cape Girardeau, Carter, Dunklin, Iron, Madison, Mississippi, New Madrid, Oregon, Pemiscot, Perry, Reynolds, Ripley, St Francois, Ste Genevieve, Scott, Shannon, Stoddard, and Wayne), MT, NE, NH, NJ, NM, NV, NY, ND, OH, OK, OR, PA, RI, SD, TX, UT, VT, WA, WI and WY.

The TruChoice offer is available to farmers based in the U.S., except those in CA.
5. Earn the **Pioneer Customer Bonus** by:
 - A. Qualifying as an Infinity Platinum or Gold level customer and pay for your Pioneer brand seed by Jan. 12, 2024. Contact your Pioneer sales representative for more information on how to qualify for Platinum or Gold levels.
 - B. Funding a TruChoice prepay account with your **Pioneer sales representative** or on **pioneer.com** from Oct. 2, 2023 through Mar. 1, 2024.
 - C. Spend your Pioneer Customer Bonus with your prepay account funds at any participating retailer; transactions must be entered into TruChoiceOnline.com between Nov. 15, 2023 and Sept. 30, 2024.
6. Pioneer Customer Bonus cannot be combined with any other Corteva Agriscience brand customer bonus.
7. A complete list of participating products is published on pioneer.com/truchoice.
8. TruChoice prepay cash payments can be accepted by the Pioneer sales representative or online: Depositing funds online is easy, secure, and convenient at pioneer.com.
9. TruChoice financing is available by working with your Pioneer sales representative to initiate financing through the TruChoice financing program enables customers of Corteva Agriscience through its subsidiary PHI Financial Services, Inc., to finance their approved crop protection product purchases. Cash can be applied to a registered TruChoice prepay account to avoid loan approval.
10. Have approved deferred payment loan with adequate credit limit. TruChoice financing for Corteva Agriscience crop protection opens Nov. 15, 2023.
 - A. For TruChoice financing rates in your area, contact the TruChoice support team at 1-800-922-2368.
 - B. Subject to credit approval and program requirements.
11. Participation in this program is subject to any terms, conditions and procedures that Corteva Agriscience may, at its discretion, change from time to time.

TruChoice Financing

Ask your local Pioneer sales representative about the flexible options available through TruChoice financing.

TruChoice support team: **1-800-922-2368**

pioneer.com/truchoice

Corn herbicide application flexibility

Herbicide recommendations will vary by soil texture/pH, always read and follow label directions.



2 PASS PROGRAM OPTIONS

Preplant to preemergence herbicides

28 days preplant up to plant emergence
(Select one of the products listed below)

FIRST PASS

Resicore[®] XL 1.5-1.75 qt	Keystone[®] LA NXT 1.3-2 qt
Resicore[®] 1.5-1.75 qt	FullTime[®] NXT 2.9-3.7 qt
SureStart[®] II 2-3 pt	Surpass[®] NXT 1.25-2.75 pt
Keystone[®] NXT 1.5-2.5 qt	

Postemergence

(Select one of the products listed below)

SECOND PASS

Resicore[®] 1.25-1.5 qt
SureStart[®] II 2 pt
Realm[®] Q 4 oz
Resicore[®] XL 1.4-1.5 qt
Kyro[™] 35 - 60 fl oz

Preplanting/Planting

Planting

VE

V2

V4 (11" height)

V6 (20" height)

V8 (30" height)

1 PASS PROGRAM OPTIONS

Preplant herbicides

28 days preplant up to plant emergence

OPTION 1

Resicore[®] XL 2.5-3 qt
Resicore[®] 2.5-3 qt

Preemergence

Resicore[®] XL 2.5 qt
Resicore[®] 2.5 qt
or SureStart[®] II 2-3 pt

Postemergence

OPTION 2	OPTION 3
Resicore[®] XL 2.5 qt	Resicore[®] 2 qt
Resicore[®] 2.5 qt	or SureStart[®] II 2 pt
or SureStart[®] II 2-3 pt	Resicore[®] XL 2.5 qt

Application window

For more info, visit us at CornHerbicides.corteva.us

*Trademarks of Corteva Agriscience and its affiliated companies.

This reference guide is not intended as a substitute for the product label for the product(s) referenced herein. Product labels for the above product(s) contain important precautions, directions for use, and product warranty and liability limitations, which must be read before using the product(s). Applicators must be in possession of the product label(s) at the time of application. Always read and follow all label direction and precautions for use when using any pesticide alone or in tank-mix combinations. Not all products may be available for sale or use in all states. FullTime NXT, Keystone NXT, Kyr, Resicore, Resicore XL, SureStart II and Surpass NXT are not available for sale, distribution or use in Nassau and Suffolk counties in the state of New York. Consult the label before purchase or use for full details. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. Always read and follow all label directions and precautions for use. ©2022 Corteva. ODF (09/22)



Soybean program approach

Start clean with tillage or burndown

HERBICIDE

Enlist Duo®
COLEX-D® technology

Enlist One®
COLEX-D® technology

(No plantback restriction for Enlist E3® soybeans)

Plant Enlist E3® soybeans



HERBICIDE

Afforia®

Enlite®

Envive®

Sonic®

Surveil®

Trivence®

Apply soil residual herbicide*

HERBICIDE

Enlist Duo®
COLEX-D® technology

Enlist One®
COLEX-D® technology

Apply glyphosate
Apply no later than R2 growth stage

Apply Liberty® herbicide
Apply up to R1 growth stage

Elevore®

Arylex™ active
(See label for plantback restriction)

EverpreX®

(Also layered residual use)

Liberty®

Herbicide

*Visit EnlistTankMix.com for a full list of qualified tank mix patterns with Enlist One® or Enlist Duo® herbicides. Always reference product labels for application cut-off timing.

■ Tillage or burndown ■ Planting ■ Preemergence ■ Postemergence/tank-mix

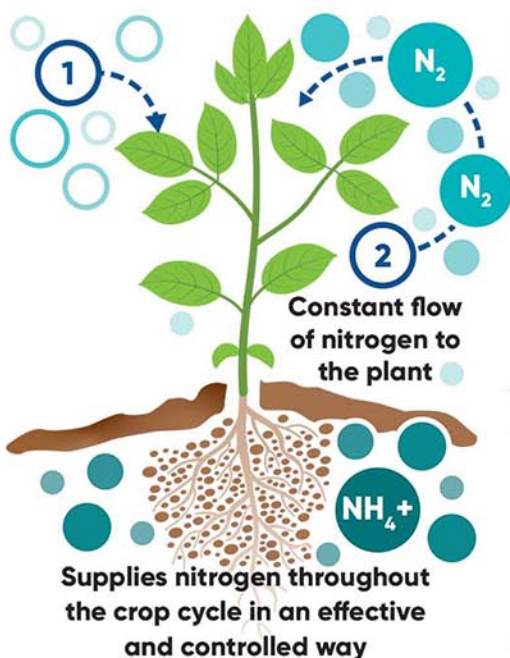


Visit us at Enlist.com



Enlist E3® soybeans were jointly developed by Corteva Agriscience LLC and MS Technologies LLC. Not all products are registered for sale or use in all states or countries. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One herbicides are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions. Liberty and LibertyLink are registered trademarks of BASF. ©2023 Corteva. CE01-401-039 001 (08/23)





Utrisha™ N nutrient efficiency optimizer

Fixes nitrogen from the air and converts it for the plant

- 1 Enters the plant through the stomata and gets into the leaf cells.
- 2 Converts N_2 from the air into ammonium resulting in a constant supply of amino acids to the plant

Flexibility

Supplemental nitrogen source to add to nitrogen management program

Effective

Enhances Nitrogen Use Efficiency (NUE) and reduces dependency on nitrogen uptake from the soil

Sustainable

Natural bacteria that can supplement nitrogen to the plant

Composition

Methylobacterium symbioticum

Application

Timing: Apply to growth stage V4-V8 or R1-R3

Rate: 5 oz/A

- Best applied in the early morning, when a greater number stomata are open

Recommendations

- **Apply in healthy crops** unaffected by poor nutrition or other biotic/abiotic stresses
- **Apply with sufficient plant biomass**, when the crop presents good soil coverage
- **Apply to standard side-dressing fertilization timing** as closely as possible
- **Mix with water only** for best product performance
- **Spray volume:** 10 and 25 GPA
- **Water total chlorine content:** < 2 ppm
- **Water pH:** between 5 and 8
- **Rain fast:** one hour after application
- To be used within current nitrogen programs

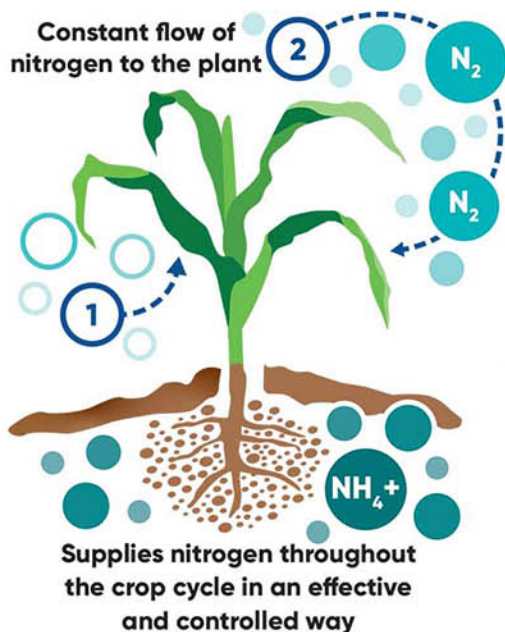
*Data is based on average yield advantage of Utrisha N treated soybeans adjacent to untreated soybeans in 2021 field trials. Product performance is variable and depends on a variety of factors including but not limited to weather conditions, soil factors and manner of use or application. Individual results may vary. 26 trials of high yielding soybean environments with greater than 80 bu/A.

Soybean yield increase from Utrisha™ N related to yield potential in high yielding environments*

+ 3.2 bu/A

Visit us at www.corteva.us/utrisha-n





Utrisha™ N nutrient efficiency optimizer

Fixes nitrogen from the air and converts it for the plant

- 1 Enters the plant through the stomata and gets into the leaf cells.
- 2 Converts N₂ from the air into ammonium resulting in a constant supply of amino acids to the plant

Flexibility

Supplemental nitrogen source to add to nitrogen management program

Effective

Enhances Nitrogen Use Efficiency (NUE) and reduces dependency on nitrogen uptake from the soil

Sustainable

Natural bacteria that can supplement nitrogen to the plant

Composition

Methylobacterium symbioticum

Application

Timing: Apply to growth stage V4-V8

Rate: 5 oz/A

- Best applied in the early morning, when a greater number stomata are open to provide optimum uptake

Recommendations

- **Apply in healthy crops** unaffected by poor nutrition or other biotic/abiotic stresses
- **Apply with sufficient plant biomass**, when the crop presents good soil coverage
- **Apply to standard side-dressing fertilization timing** as closely as possible
- **Mix with water only** for best product performance
- **Spray volume:** between 10 and 25 GPA
- **Water total chlorine content:** < 2 ppm
- **Water pH:** between 5 and 8
- **Rain fast:** one hour after application
- To be used within current nitrogen programs

Corn yield increase from Utrisha™ N related to yield potential*

Yield environment	Yield increase
Low (120-179 bu/A) - 14 trials	+8.2 bu/A
Medium (180-219 bu/A) - 74 trials	+6.0 bu/A
High (220-280 bu/A) - 147 trials	+3.1 bu/A

*Data is based on average yield advantage of Utrisha N + optimal nitrogen application compared to optimal nitrogen application in 2021 field trials. Product performance is variable and depends on a variety of factors including but not limited to weather conditions, soil factors and manner of use or application. Individual results may vary.



REVLINE®

HOPPER THROTTLE™

CORN

PLANTER BOX TREATMENT

TIMING

At Planting

RATE

1 pail treats 50 units of corn at 80k seeds per unit.

VALUE

Powered by BIO-CAPSULE TECHNOLOGY™, REVLINE HOPPER THROTTLE is a patented seed lubricity packaging system with an 80/20 talc/graphite blend that safeguards the vigor and vitality of microbes all the way to the furrow while ensuring peak planter performance.

REVLINE HOPPER THROTTLE CORN (RHTC) includes 1.35 lbs of IONLOCK™ Zinc in the base along with an Mn and Fe blend. RHTC contains two BIO-CAPSULES, the first includes industry-leading bio-fertility & N-fixing microbes and the second contains 6.25 oz of Terrasym®, a proven biostimulant that drives early root system development and season-long stress-mitigation benefits.

6.25 oz Terrasym®
Proven, Industry-Leading Bio Stimulant PPFM strains that generate massive root structures.

Industry-Leading Bio-Fertility & N-Fixing Microbes

Azotobacter chroococcum
Azotobacter vinelandii
Bacillus amyloliquefaciens
Bacillus licheniformis
Bacillus megaterium
Bacillus pumilus
Bacillus subtilis
Trichoderma harzianum

CFU count 46 billion



80/20 Talc/Graphite + Mn & Fe

NEW: 1.35 lbs IONLOCK™ Zinc



Actual product packaging may be different than this visual

REVLINE®

HOPPER THROTTLE™

SOYBEAN

PLANTER BOX TREATMENT

TIMING

At Planting

RATE

1 pail treats 40 units of soybeans at 140k seeds per unit.

VALUE

The REVLINE HOPPER THROTTLE SOYBEAN (RHTS) base includes 0.43 lbs of IONLOCK™ Zinc combined with Mn and Fe. Two BIO-CAPSULES are charged with a proprietary 3-strain Bradyrhizobia inoculant, a third is contains 5 oz of proven biostimulant Terrasym, and a fourth has bio-fertility & N-fixing microbes.

Industry-Leading RACEREADY™ Bradyrhizobia Inoculant

Proprietary Triple-Stack accelerates early-season nodulation for maximum nutrient uptake.

5 oz Terrasym®

Proven, Industry-Leading Bio Stimulant PPFM strains that generate massive root structures.

NEW: Industry-Leading Bio-Fertility & N-Fixing Microbes

Azospirillum brasilense
Azospirillum lipoferum
Azotobacter chroococcum
Azotobacter vinelandii
Thiobacillus Ferrooxidans
Paenibacillus Azotofixans
Bacillus amyloliquefaciens
Bacillus licheniformis
Bacillus megaterium
Bacillus pumilus
Bacillus subtilis
Trichoderma harzianum

CFU count 38 billion



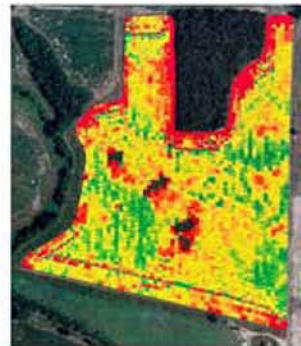
80/20 Talc/Graphite + Mn & Fe

NEW: 0.43 lbs IONLOCK™ Zinc



Actual product packaging may be different than this visual

Revline Hopper Throttle on Farm Trial

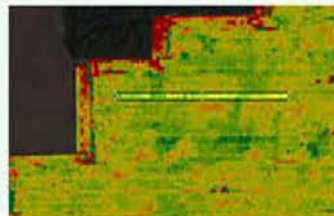


Treated 205.87 bu/Ac

+7.89 bu/Ac

Untreated 197.98 bu/Ac

Revline Hopper Throttle on Farm Trial



Treated 255.9 bu/Ac

Field Ave. +6.55 bu/Ac

Untreated 249.35 bu/Ac

BakerAg



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