

TRAIT CHOICES

At LG Seeds, we focus on providing the diverse trait choices farmers need. Our lineup offers access to every major trait platform on the market. This access, coupled with our unique genetics, gives farmers the straightforward value of the latest in genetic and breeding advancements protected by the best traits in the industry.

SOYBEAN TRAIT VERSIONS

CONVENTIONAL

Indicates conventional (non-traited) product



XtendFlex® soybean






Roundup Ready 2 Xtend® soybean



Enlist E3® soybean

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

			
Roundup® (glyphosate)	✓	✓	✓
Liberty Link®(glufosinate)	Not Compatible	✓	✓
Dicamba*	✓	✓	Not Compatible
2,4-D**	Not Compatible	Not Compatible	✓

*Approved for dicamba formulations **Approved 2,4-D formulations










CORN TRAIT VERSIONS

The following value-added trait versions are currently offered for corn:

CONVENTIONAL



MODE OF ACTION COMPARISONS

	SMARTSTAX® RIB COMPLETE®	SMARTSTAX® PRO RIB COMPLETE®	VT DOUBLE PRO®	VT DOUBLE PRO® RIB COMPLETE®	TRECEPTA® RIB COMPLETE®	DURACADE VIPTERA™	DURACADEVIPTERA™ RIB COMPLETE®	AGRISURE VIPTERA® 3110	VIPTERA™ Z3	VIPTERA™	VIPTERA™ REFUGE RENEW™	POWERCORE® ENLIST®	AGRISURE® ABOVE	OPTIMUM® ACREMAX®	VORCEED™ ENLIST®	OPTIMUM® ACREMAX® XTREME	QROME®	
REFUGE																		
Corn Belt	5% RIB Complete®	5% RIB Complete®	5% Refuge	5% RIB Complete®	5% RIB Complete®	5% E-Z Refuge®	5% Refuge	20% Refuge	5% E-Z Refuge®	5% Refuge	5% Refuge	5% Refuge	5% Refuge	5% RIB	5% RIB	5% RIB	5% RIB	
Cotton Growing Area	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	20% Refuge	
HERBICIDE TOLERANCE																		
	Roundup Ready® 2 Technology LibertyLink®**	Roundup Ready® 2 Technology LibertyLink®**	Roundup Ready® 2 Technology	Roundup Ready® 2 Technology	Roundup Ready® 2 Technology	Glyphosate Tolerant LibertyLink®**	Glyphosate Tolerant LibertyLink®**	Glyphosate Tolerant LibertyLink®**	Glyphosate Tolerant LibertyLink®**	Glyphosate Tolerant LibertyLink®**	Glyphosate Tolerant LibertyLink®**	Glyphosate Tolerant LibertyLink®**	Glyphosate Tolerant LibertyLink®**	Roundup Ready® 2 Technology LibertyLink®**	Glyphosate Tolerant LibertyLink®**	Roundup Ready® 2 Technology LibertyLink®**	Roundup Ready® 2 Technology LibertyLink®**	
ABOVE-GROUND INSECT CONTROL OR SUPPRESSION																		
Corn Earworm <i>Helicoverpa zea</i>		■ ■	■ ■	■ ■	■ ■ ■ ■	■ ■	■	■	■ ■ ■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■	■ ■	■
Western Bean Cutworm <i>Richia albicosta</i>		--	--	--	■	■	--	■	■	■	■	--	--	--	--	--	--	
European Corn Borer <i>Ostrinia nubilalis</i>		■ ■ ■ ■	■ ■ ■ ■	■ ■	■ ■	■ ■	■ ■	■	■ ■ ■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■ ■ ■	■ ■	■ ■	
Southwestern Corn Borer <i>Diatraea grandiosella</i>		■ ■ ■ ■	■ ■ ■ ■	■ ■	■ ■ ■ ■	■ ■	■ ■	■	■ ■ ■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■ ■ ■	■ ■	■ ■	
Fall Armyworm <i>Spodoptera frugiperda</i>		■ ■ ■ ■	■ ■ ■ ■	■ ■	■ ■ ■ ■	■ ■	■	■	■ ■ ■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■ ■ ■	■	■ ■	
Black Cutworm <i>Agrotis ipsilon</i>		■	■	--	■	■ ■	■	■	■	■ ■	■ ■	■ ■	■ ■	■	■	■	■	
BELOW-GROUND INSECT CONTROL OR SUPPRESSION																		
Northern Corn Rootworm <i>Diabrotica barberi</i>		■ ■	■ ■ ■ ■	--	--	■ ■	■ ■	--	--	--	--	--	--	--	■ ■ ■ ■	■ ■	■ ■	
Western Corn Rootworm <i>Diabrotica virgifera virgifera</i>		■ ■	■ ■ ■ ■	--	--	■ ■	■ ■	--	--	--	--	--	--	--	■ ■ ■ ■	■ ■	■ ■	
Mexican Corn Rootworm <i>Diabrotica virgifera zea</i>		■ ■	■ ■ ■ ■	--	--	■ ■	■ ■	--	--	--	--	--	--	--	■ ■ ■ ■	■ ■	■ ■	

Mode of Action = Control or Suppression of Pest ■ Single Mode Activity ■ ■ Dual Mode Activity ■ ■ ■ Triple Mode Activity

*Please read seed tag to confirm the herbicide tolerance of the refuge component before use of glufosinate or glyphosate. DuPont Pioneer claims suppression of corn earworm on Optimum® AcreMax® 1, Optimum® AcreMax®, and Optimum® AcreMax® Xtreme labels with Herculex® technology. Cry1A105 and Cry2Ab2 from Bt controls or suppresses corn earworm. Syngenta claims suppression of corn earworm with Bt11. Performance may vary from location to location and from year to year, as local growing, soil, and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields. DuracadeViptera®, Viptera®Z3, Viptera®, and Agrisure Viptera® 3110 contain Artesian® technology.



All orders and sales are subject to the LG Seeds Terms and Conditions of Sale, which include but are not limited to the Limitation of Warranty & Remedy and Agronomic Zone and Planting Year. The Terms and Conditions of Sale are subject to change from time to time without prior notice. Refer to <https://www.lgseeds.com/legal/terms> for the most up to date Terms and Conditions of Sale.

AgReliant Genetics, LLC has successfully completed current Excellence Through Stewardship® (ETS) audit requirements for our representative North American operations and has in place stewardship programs and quality management systems consistent with the Excellence Through Stewardship® (ETS) program.

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

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, Corteva Agriscience's product launch process for responsible launches of new products includes a long-standing 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 Global Stewardship Group.

Forage Genetics International, LLC ("FGI") is a member of Excellence Through Stewardship® (ETS). FGI products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with FGI's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. HarvXtra® Alfalfa with Roundup Ready® Technology has pending import approvals. GROWERS IN THE WESTERN STATES MUST DIRECT ANY PRODUCT PRODUCED FROM HARVXTRA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY SEED OR CROPS (INCLUDING HAY AND HAY PRODUCTS) ONLY TO UNITED STATES DOMESTIC USE. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Growers should refer to <http://www.biotradestatus.com/> for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

B.T. products may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete® corn blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. See the **IRM/Grower Guide for additional information. Always read and follow IRM requirements.** DroughtGard® Hybrids with RIB Complete® corn blend the refuge seed may not always contain DroughtGard® Hybrids trait.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® 2 Technology contain genes that confer tolerance to glyphosate. Glyphosate will kill crops that are not tolerant to glyphosate.

Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

No dicamba may be used in-crop with seed with Roundup Ready® Xtend Technology, unless and until approved or specifically permitted, and no dicamba formulations are currently registered for such use in the 2024 season. Please follow <https://www.roundupreadyxtend.com/pages/xtendimax-updates.aspx> for status updates.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with products with XtendFlex® Technology.

Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Plants that are not tolerant to glyphosate may be damaged or killed if exposed to those herbicides. Plants that are not tolerant to glyphosate, dicamba, and/or glufosinate may be damaged or killed if exposed to those herbicides. Plants that are not tolerant to dicamba may be damaged or killed if exposed to those herbicides. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.

Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium-based herbicides.

More information about Duracade™ is available at <http://www.biotradestatus.com/>.



Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, post-emergent weed control of Liberty® herbicide for optimum yield and excellent weed control.



Corn trait technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. Herculex® Technology incorporated into these seeds is commercialized under license from Corteva Agriscience LLC.

Seeds containing the PowerCore® Enlist®, PowerCore® Enlist® Refuge Advanced®, and Enlist® Corn - REFUGE traits are protected under one or more U.S. patents which can be found at: www.traitstewardship.com. The purchase of this traited seed includes a limited license to produce a single crop in the United States. The use of seed from such a crop and/or the progeny thereof for propagation or seed multiplication or for production or development of a hybrid or different variety of seed is strictly prohibited. You acknowledge and agree to be bound by the terms and conditions of the following documents in effect at the time of planting of this seed: (i) the Corteva Agriscience Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements.

To plant PowerCore Enlist, PowerCore Enlist Refuge Advanced, and Enlist Corn - REFUGE seed, you must have a limited license from Corteva Agriscience (or other appropriate affiliates). In consideration of the foregoing, Corteva Agriscience grants to the Grower a limited license to use its technology to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed.

Enlist E3® soybean seeds containing the Enlist® trait can only be used to plant a single commercial crop. It is unlawful to save and replant Enlist E3® soybeans. Additional information and limitations on the use of these products are provided in the Corteva Agriscience Technology Use Agreement and Enlist® Soybean Product Use Guide. U.S. patents for Corteva Agriscience technologies can be found at the following webpage: www.corteva.us/Resources/trait-stewardship.html.

Following burndown, Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use with Enlist® corn and soybeans. Consult Enlist® herbicide labels for weed species controlled. Enlist Duo and Enlist One herbicides are not registered for use or sale in all states and counties; are not registered in AK, CA, CT, HI, ID, MA, ME, MT, NH, NV, OR, RI, UT, VT, WA and WY; and have additional subcounty restrictions in AL, GA, TN and TX, while existing county restrictions still remain in FL. All users must check "Bulletins Live! Two" no earlier than six months before using Enlist One or Enlist Duo. To obtain "Bulletins," consult epa.gov/espp/, call 1-844-447-3813, or email ESPP@epa.gov. You must use the "Bulletin" valid for the month and state and county in which Enlist One or Enlist Duo are being applied. Contact your state pesticide regulatory agency if you have questions about the registration status of Enlist® herbicides in your area. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO USE ANY PESTICIDE PRODUCT OTHER THAN IN ACCORDANCE WITH ITS LABELING. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USE IN THE STATE OF APPLICATION. USE OF PESTICIDE PRODUCTS, INCLUDING, WITHOUT LIMITATION, 2,4-D-CONTAINING PRODUCTS NOT AUTHORIZED FOR USE WITH ENLIST CORN AND SOYBEANS, MAY RESULT IN OFF-TARGET DAMAGE TO SENSITIVE CROPS/AREAS AND/OR SUSCEPTIBLE PLANTS, IN ADDITION TO CIVIL AND/OR CRIMINAL PENALTIES. Additional product-specific stewardship requirements for Enlist crops, including the Enlist Product Use Guide, can be found at www.traitstewardship.com.

For the 2024 growing seasons, growers must direct any product produced from HarvXtra® Alfalfa with Roundup Ready® Technology seed or crops (including hay and hay products) only to US domestic use. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their product purchaser to confirm their buying position for this product.


ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Roundup Ready® and Roundup® are trademarks of Monsanto Technology LLC, used under license by Forage Genetics International, LLC. HarvXtra® is a registered trademark of Forage Genetics International, LLC. HarvXtra® Alfalfa with Roundup Ready® Technology is enabled with Technology from The Samuel Roberts Noble Foundation, Inc.

Important: Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties. Please check with your local extension service to ensure registration status. Vayantis® is a registered trademark of a Syngenta Group Company.

Due to the unique cropping practices do not plant Roundup Ready® Alfalfa in Imperial County, California, pending import approvals and until Forage Genetics International, LLC (FGI) grants express permission for such planting. IN THE FOLLOWING STATES, PURCHASE AND USE OF HARVXTRA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY IS SUBJECT TO A SEED AND FEED USE AGREEMENT, REQUIRING THAT PRODUCTS OF THIS TECHNOLOGY CAN ONLY BE USED ON FARM OR OTHERWISE BE USED IN THE UNITED STATES: ARIZONA, CALIFORNIA, COLORADO, IDAHO, MONTANA, NEVADA, NEW MEXICO, OREGON, UTAH, WASHINGTON AND WYOMING (THE "WESTERN STATES"). IN ADDITION, DUE TO THE UNIQUE CROPPING PRACTICES DO NOT PLANT ROUNDUP READY® ALFALFA OR HARVXTRA® ALFALFA WITH ROUNDUP READY® TECHNOLOGY IN IMPERIAL COUNTY, CALIFORNIA, PENDING IMPORT APPROVALS AND UNTIL FORAGE GENETICS INTERNATIONAL, LLC (FGI) GRANTS EXPRESS PERMISSION FOR SUCH PLANTING.

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Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, **including applicable refuge requirements for insect resistance management**, for the biotechnology traits expressed in the seed as set forth in the Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation and agreement to comply with the most recent stewardship requirements.

