

# XF05524

XtendFlex®

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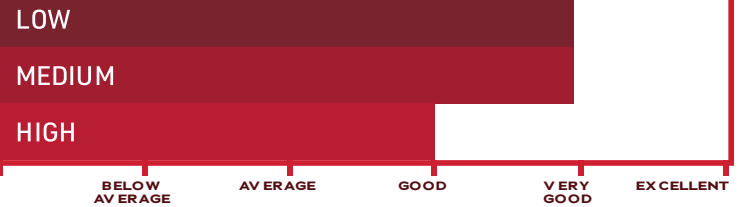
## HYBRID OVERVIEW

- Average IDC tolerance with great recovery
- Excluder gene allows for higher levels of salt tolerance
- Cyst resistance partnered with Rps1c phytophthora resistance

## AGRONOMICS

PLANT HEIGHT	MEDIUM-TALL
PLANT CANOPY	MEDIUM BUSH
EMERGENCE	EXCELLENT
STANDABILITY	VERY GOOD
STRESS TOLERANCE	VERY GOOD
SCN RESISTANCE	88788
SALT TOLERANCE	EXC
IRRIGATION	
DOUBLE CROP	

## YIELD ENVIRONMENT



## DISEASE RATINGS

SUDDEN DEATH	NOT AVAILABLE
FROGEYE LEAF SPOT	
PRR GENE	RPS1C
PHYTO. FIELD TOLERANCE	VERY GOOD
BROWN STEM ROT	EXCELLENT
IRON DEFICIENCY CHL.	AVERAGE
WHITE MOLD	GOOD





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.

**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.** Agrisure<sup>®</sup>, Agrisure<sup>®</sup> Above, Agrisure Artesian<sup>®</sup>, Agrisure<sup>®</sup> Total, Agrisure Viptera<sup>®</sup>, Artesian<sup>®</sup>, Duracade<sup>®</sup>, DuracadeViptera<sup>®</sup>, DuracadeViptera<sup>®</sup> Z3, E-Z Refuge<sup>®</sup>, Viptera<sup>®</sup>, and Viptera<sup>®</sup>Z3 are trademarks of a Syngenta Group Company.

Seed products with the LibertyLink<sup>®</sup> (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<sup>®</sup> herbicide for optimum yield and excellent weed control. LibertyLink<sup>®</sup>, Liberty<sup>®</sup> and the Water Droplet logo are registered trademarks of BASF.

No dicamba may be used in-crop with seed with Roundup Ready<sup>®</sup> Xtend Technology, unless and until approved or specifically permitted. No dicamba formulations have been registered for such in-crop use at the time this material was published. Please follow <https://www.roundupreadyxtend.com/pages/xtendimax-updates.aspx> for status updates.

Bayer is a member of Excellence Through Stewardship<sup>®</sup> (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 applicable 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<sup>®</sup> is a registered trademark of Excellence Through Stewardship.

**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<sup>®</sup> soybeans. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex<sup>®</sup> 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<sup>®</sup> Technology.

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

Refuge seed may not always contain the DroughtGard<sup>®</sup> trait. IMPORTANT IRM INFORMATION: Certain products are sold as RIB Complete<sup>®</sup> corn blend products, and do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. Products sold without refuge in the bag (non-RIB Complete) require the planting of a structured refuge. See the IRM/ Grower Guide for additional information. Always read and follow IRM requirements.

Roundup Ready<sup>®</sup> Technology contains genes that confer tolerance to glyphosate. Roundup Ready<sup>®</sup> 2 Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend<sup>®</sup> soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex<sup>®</sup> 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.

Seed containing a patented trait can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready 2 Yield<sup>®</sup> soybeans, Roundup Ready 2 Xtend<sup>®</sup> soybeans, and XtendFlex<sup>®</sup> soybeans. Additional information and limitations on the use of these products are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: [tug.bayer.com](http://tug.bayer.com). U.S. patents for Bayer technologies can be found at the following webpage: [cs.bayerpatents.bayer.com](http://cs.bayerpatents.bayer.com)


Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. Herculex<sup>®</sup> is a registered trademark of Dow AgroSciences LLC. Agrisure Viptera<sup>®</sup> is a registered trademark of a Syngenta group company. LibertyLink logo<sup>®</sup> and LibertyLink<sup>®</sup> are trademarks of BASF Corporation. Respect the Refuge and Corn Design<sup>®</sup> and Respect the Refuge<sup>®</sup> are registered trademarks of National Corn Growers Association. Acceleron<sup>®</sup>, DroughtGard<sup>®</sup>, RIB Complete<sup>®</sup>, Roundup Ready 2 Technology and Design<sup>®</sup>, Roundup Ready 2 Xtend<sup>®</sup>, Roundup Ready 2 Yield<sup>®</sup>, Roundup Ready<sup>®</sup>, SmartStax<sup>®</sup>, Trecepta<sup>®</sup>, VT Double PRO<sup>®</sup>, VT4PRO<sup>®</sup> and XtendFlex<sup>®</sup> are trademarks of Bayer Group.



Seeds containing the PowerCore<sup>®</sup> Enlist<sup>®</sup>, PowerCore<sup>®</sup> Enlist<sup>®</sup> Refuge Advanced<sup>®</sup>, and Enlist<sup>®</sup> Corn - REFUGE traits are protected under one or more U.S. patents which can be found at: [www.traitstewardship.com](http://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.



Properly managing trait technology is key to preserving it as a long term crop protection tool. Growers who fail to comply with IRM requirements risk losing access to this product. To help preserve the effectiveness of B.t. corn technologies, growers planting B.t. corn technologies are required to follow an IRM Plan. Consult the Corn Product Use Guide for appropriate refuge configuration options. 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 Use Agreement and Product Use Guide. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements. For complete details on IRM requirements for hybrids with Bt technology, including refuge examples and important information on the use of insecticides on refuge and Bt corn acres, please consult appropriate Product Use Guide. Go to [www.corteva.us/Resources/trait-stewardship.html](http://www.corteva.us/Resources/trait-stewardship.html) to download the latest Corteva Agriscience Corn Product Use Guide.

Enlist<sup>®</sup> E3<sup>®</sup> soybean seeds containing the Enlist<sup>®</sup> trait can only be used to plant a single commercial crop. It is unlawful to save and replant Enlist<sup>®</sup> E3<sup>®</sup> soybeans. Additional information and limitations on the use of these products are provided in the Corteva Agriscience Technology Use Agreement and Enlist<sup>®</sup> 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](http://www.corteva.us/Resources/trait-stewardship.html).

Corteva Agriscience is a member of Excellence Through Stewardship<sup>®</sup> (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](http://www.biotradestatus.com).

Following burndown, Enlist Duo<sup>®</sup> and Enlist One<sup>®</sup> herbicides with Colex-D<sup>®</sup> technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use with Enlist<sup>®</sup> corn and soybeans. Consult Enlist<sup>®</sup> 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/esp/](http://epa.gov/esp/), call 1-844-447-3813, or email [ESPP@epa.gov](mailto: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<sup>®</sup> 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](http://www.traitstewardship.com).


POWERCORE<sup>®</sup> is a registered trademark of Bayer Group. POWERCORE<sup>®</sup> multi-event technology developed by Corteva Agriscience and Bayer Group. Liberty<sup>®</sup>, LibertyLink<sup>®</sup> and the Water Droplet Design are registered trademarks of BASF. Roundup and Roundup Ready are registered trademarks of Bayer Group. 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.

PowerCore<sup>®</sup> Enlist<sup>®</sup> Refuge Advanced<sup>®</sup> corn products with HX1, VTP, ENL, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with PowerCore Enlist Refuge Advanced products.



The transgenic soybean event in Enlist E3<sup>®</sup> soybeans is jointly developed and owned by Corteva Agriscience and M.S. Technologies, L.L.C. Excellence Through Stewardship<sup>®</sup> is a registered trademark of Excellence Through Stewardship.

<sup>™</sup> & <sup>®</sup> Trademarks of Corteva Agriscience and its affiliated companies.





# ENLIST<sup>®</sup> WEED CONTROL SYSTEM— PROVEN CONTROL OF TOUGH WEEDS

Enlist Duo<sup>®</sup> and Enlist One<sup>®</sup> herbicides with Colex-D<sup>®</sup> technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use on Enlist<sup>®</sup> crops.

**SOYBEANS**    2,4-D choline | Glyphosate | Glufosinate

**CORN**        2,4-D choline | Glyphosate | Glufosinate | FOP Herbicides

- Convenient proprietary blend of 2,4-D choline and glyphosate
- The two sites of action work together to deliver control of yield-robbing weeds and help prevent resistance
- Straight-goods 2,4-D choline with additional tank-mix flexibility
- Provides additional tank-mix flexibility with Liberty<sup>®</sup> herbicide and other qualified tank-mix products, allowing for a customized weed control program to fit each farm

**On-Target Application**

- 90% less drift than traditional 2,4-D
- 96% less volatile than 2,4-D ester