## **LR 9905 VIP3220EZREF**

**NEW!** 

**105 DAY** 



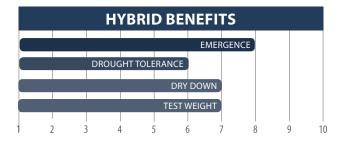


R

HR

## **HYBRID FEATURES**

- Excellent top-end yield potential
- Impressive emergence and early season vigor
- · Good stalks and roots
- Agronomic strength allows for a wide range of planting populations



## PLACEMENT RECOMMENDATIONS

- Herbicide Tolerance: Glyphosate & Glufosinate
- Best performance is seen when kept in zone and north
- Strong disease package especially for NCLB and Goss's Wilt
- Widely adapted east to west, and across various yield environments
- Average drought tolerance may limit its movement into less productive, stress prone fields
- Consistent yield performance across varying soil types and cropping systems
- Can handle a wide range of populations from medium to high
- Check bag tag for refuge only those labeled as tolerant to glufosinate may be aprayed with glufosinate ammonium based herbicides

**Rating Scale:** 10-1; 10 = Superior, 5 = Average, 1 = Poor

**Flowering:** 10 = Very Early, 1 = Very Late

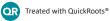
Plant Height: M5 = Medium Short, M = Medium, MT = Medium Tall, T = Tall

Ear Height: MH = Moderately High, M = Moderate, ML = Moderately Low

Ear Type: F = Flex, S = Semi-Determinant / Semi-Flex, D = Determinant

Recommended Planting Population:

L = Low, ML = Moderately Low, M = Medium, MH = Medium High, H = High  $\textbf{Characteristics:} \ HR = Highly \ Recommend, R = Recommend, C = Caution, N/A = Not \ Available$ 





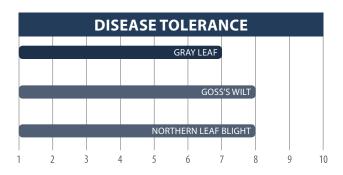


Silage

Corn on Corn

Maturity Zone	5-6
Flowering	5
GDU Flowering	1460
GDU Black Layer	2560
Plant Height	М
Ear Height	М
Ear Type	S
Kernel Rows	14-16
Cob Color	Red
Husk Cover	Average
Root Strength	7
Stalk Strength	7
Stay Green	7
Recommended Planting Population	М-Н
Irrigation	HR
No-till	HR
Coarse Texture (CEC<8)	R
Medium Texture (CEC 8-14)	HR
Fine Texture (CEC>14)	HR

AGRONOMIC CHARACTERISTICS





IRM - 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 agreement that you sign. 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/traitstewardship.html to download the latest Dow AgroSciences Corn Product Use Guide.

Seed containing a patented trait can only be used to plant a single commercial crop from which seed cannot be saved and replanted. Examples of seed containing a patented trait include but are not limited to Genuity® Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, Genuity® Roundup Ready® spring canola, and Genuity® Roundup Ready® winter canola. Additional information and limitations on the use of these products are provided in the Monsanto Technology Stewardship Agreement and the Monsanto Technology Use Guide. U.S. patents for Monsanto technologies can be found at the following webpage: http://www.monsantotechnology.com

Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has 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 Biotechnology Industry Organization.

**B.t. products** may not yet be registered in all states. Check with your 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. SmartStax® RIB Complete® corn blend is not allowed to be sold for planting in the Cotton-Growing Area. See the IRM/Grower Guide for additional information. Always read and follow IRM

**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.** Roundup Ready technology contain genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Agricultural herbicides containing 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

Acceleron®, DroughtGard®, Genuity®, NemaStrike™, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready®, Roundup®, Roundup®, Roundup Ready 2 Xtend®, SmartStax and Design®, SmartStax®, Trecepta® RIB Complete®, Roundup Ready 2 Yield®, VT Double PRO® and VT Triple PRO® are trademarks of Bayer Group. LibertyLink® and the Water Droplet Design® are registered trademarks of BASF Corporation. Herculex® is a registered trademark of Dow AgroSciences LLC. Agrisure Viptera® is a registered trademark of Syngenta. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. All other trademarks are the property of their respective owners.







ALWAYS READ AND FOLLOW DIRECTIONS FOR USE ON PESTICIDE LABELING. 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. 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 Roundup Ready 2 Xtend® soybeans.

Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Contact your seed brand dealer or refer to the Technology Use Guide for recommended weed control programs.

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. In addition, due to the unique cropping practices do not plant HarvXtra® Alfalfa with Roundup Ready® Technology in Imperial County, California, pending import approval and until Forage Genetics International, LLC (FGI) grants express permission for such planting.

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

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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.

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in com,  $and combine high-yielding genetics with the powerful, non-selective, postemergent weed control of Liberty {\tt @}\ herbicide for optimum yield$ and excellent weed control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF Corporation.

Agrisure® Technology incorporated into these seeds is commercialized under license from Syngenta Seeds. Inc. Herculex® Technology incorporated into these seeds is commercialized under license from Dow AgroSciences LLC. HERCULEX® and the HERCULEX Shield are trademarks of Dow AgroSciences LLC. YıeldGard

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LIBERTY Seeds containing the LibertyLink® trait may be protected under one or more U.S. patents and may be planted only to produce one (1) commercial crop in a single season, and only aer signing a BASF Grower planted only to produce one (1) commercial day in a major a search and the LibertyLink trait for use as planting seed or Technology Agreement. It is illegal to save seeds containing the LibertyLink trait for use as planting seed or

for transfer to others for use as planting seed.

 $Liberty Link^{\bullet} \ GT27^{\text{IM}} \ soy beans \ oer \ triple \ stack \ tolerance \ to \ Liberty, glyphosate, and, pending \ EPA \ approval, the \ first \ HPPD \ based \ herbicide$ for soybeans. LibertyLink GT27 is not tolerant to all HPPD herbicides. HPPD herbicides currently on the market are prohibited for use with LibertyLink GT27 soybeans and may result in significant crop injury.

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By planting this seed, 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 Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements detailed therein (www.corteva.us/Resources/trait-stewardship.html).

To plant Enlist seed, you must have a limited license from Dow AgroSciences LLC (or other appropriate affiliates). In consideration of the foregoing, Dow AgroSciences grants to the Grower the 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.

Always read and follow herbicide label directions prior to use: Enlist™ products contain the Enlist trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist™ crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products.

WARNING: Enlist products are tolerant of over-the top applications of glyphosate, glufosinate, and 2,4-D. Accidental application of **incompatible herbicides to this variety could result in total crop loss.** When using 2,4-D herbicides, grower agrees to only use 2,4-D products that contain Colex-D technology authorized for use in conjunction with Enlist products.

 $Enlist\, E3^{\text{\scriptsize IM}} soy be an seeds containing the Enlist^{\text{\scriptsize IM}} trait can only be used to plant\ a single commercial crop. \\ It is unlawful to save\ and\ replant$ Enlist E3™ soybeans. Additional information and limitations on the use of these products are provided in the Dow AgroSciences Technology Use Agreement and Enlist™ Soybean Product Use Guide. U.S. patents for Dow AgroSciences technologies can be found at the following webpage: www.corteva.us/Resources/trait-stewardship.html.

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Enlist E3™ soybeans were jointly developed by Dow AgroSciences LLC and M.S. Technologies, L.L.C.

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Herculex® Insect Protection technology by Dow AgroSciences and Pioneer Hi-Bred.

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Varieties with the DuPont™ STS® gene (STS) are tolerant to certain SU (sulfonylurea) herbicides. This technology allows postemergent applications of DuPont™ Synchrony® XP and DuPont™ Classic® herbicides without crop injury or stress (see herbicide product labels). NOTE: A soybean variety with a herbicide tolerant trait does not confer tolerance to all herbicides. Spraying herbicides not labeled for a specific soybean variety will result in severe plant injury or plant death. Always read and follow herbicide label directions and

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ExpressSun® Sunflower Herbicide System: Sunflower hybrids with the DuPont™ ExpressSun® trait for tolerance to DuPont™ EXPRESS® herbicide with TotalSol® soluble granules. This unique sunflower system from DuPont and Pioneer is designed to maximize weed control in sunflower crops, enhancing ease of production and yield. This system provides improved weed control over conventional hybrids with traditional herbicides. For the best results, always use Express® herbicide with TotalSol® soluble granules with the ExpressSun®

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.

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