



46D749 BRAND BLEND

RELATIVE MATURITY:

116

TRAIT(S):



KEY STRENGTHS:

- Attractive 116 RM product with excellent yield potential
- Excellent agronomics in this product with medium plant stature and very upright canopy
- Excellent stalk and root strength
- Has shown ability to perform in drought environments with ear girth and excellent test weight

CHARACTERISTICS:

DISEASES	
DIPLODIA EAR ROT	5
EYE SPOT	--
STEWART'S LEAF BLIGHT	3
ANTHRACNOSE LEAF BLIGHT	--
NORTHERN CORN LEAF BLIGHT	2
ANTHRACNOSE STALK ROT	4
SOUTHERN CORN LEAF BLIGHT	--
SOUTHERN RUST	3
COMMON RUST	--
GRAY LEAF SPOT	6
GOSS'S WILT	4

GROWTH	
ROOT STRENGTH	2
STALK STRENGTH	2
GREENSNAP	4
SEEDLING GROWTH	2
EAR PLACEMENT	Medium
HEIGHT	Medium
DROUGHT TOLERANCE	2

MANAGEMENT	
GDUS TO MID-POLLINATION	1401
GDUS TO BLACK LAYER	2900
RELATIVE MATURITY	116
TRAIT	VT2PRIB

HARVEST	
TEST WEIGHT	2
DRYDOWN	3
STAYGREEN	2

HERBICIDE	
GROWTH REGULATORS SENSITIVITY	A
SULFONYLUREAS SENSITIVITY	A

PLANTING	
RECOMMENDED PLANTING RATE	MH
EMERGENCE	2

PLANT DESCRIPTION	
KERNEL ROWS	18-20
COB COLOR	R

LEGEND

VALUE ADDED TRAITS:

SS = SmartStax® corn

SSRIB = SmartStax® RIB Complete corn blend

VT2P = VT Double PRO® corn

DGVT2P = DroughtGard® Hybrids with VT Double PRO® corn

VT2PRIB = VT Double PRO® RIB Complete® corn blend

DGVT2PRIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® corn blend

VT3P = Genuity® VT Triple PRO® corn

DGVT3P = DroughtGard® Hybrids with Genuity® VT Triple PRO® corn

VT3PRIB = Genuity® VT Triple PRO® RIB Complete® corn blend

DGVT3PRIB = DroughtGard® Hybrids with Genuity® VT Triple PRO® RIB Complete® corn blend

RR2 = Roundup Ready® corn 2

HFC = Processor Preferred® High Fermentable
Corn exhibits the characteristics desired by dry mill ethanol plants

HES = Processor Preferred® High Extractable
Starch exhibits the characteristics desired by wet millers

CODES:

L = Low

S = Short

M-S = Medium-Short

M = Medium

M-MH = Medium-Medium High

M-H = Medium-High

MH-H = Medium High-High

M-L = Medium-Low

MT = Medium-Tall

T = Tall

H = High

R = Resistant

S = Susceptible

GDU (GROWING DEGREE UNIT):

Although maturity of one corn product relative to another remains reasonably consistent, the actual number of calendar days from planting to any given point of plant development varies with temperature, day length, rate and date of planting, soil fertility and other environmental factors. All GDU values calculated are from the time of planting.

RATING SCALE:

1 = Excellent **9** = Poor

The ratings are approximate and should not be considered as absolute. Based on Monsanto conducted trials relative to other brand corn.

DIPLODIA EAR ROT RATING SCALE:

AA = Above Average

A = Average

BA = Below Average

HERBICIDE CLASS RATINGS:

Ratings are based on observations and research using herbicides at and above labeled rates to simulate extreme environmental conditions, misapplication and adverse soil pH or organic content.

A = Acceptable

Either no adverse effects from the corn product/herbicide combination were noted on any traits or only slight damage could be noted under adverse conditions or herbicide application at higher than label rates.

C = Caution

The corn product/herbicide combination is usually not a problem if sprayed according to label directions, but can result in plant height reduction, stand loss and suspected yield loss under very adverse environmental conditions, high rates, or extreme soil pH levels or organic content. Use drop nozzle spraying for postemergence herbicides or plant in warm soils for incorporated herbicides to avoid interactions.

W = Warning

Not advised - this corn product/herbicide combination should not be used under any circumstance.

XtendiMax® herbicide with VaporGrip® Technology is part of the Roundup Ready® Xtend Crop System and is a restricted use pesticide. 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. XtendiMax® herbicide with VaporGrip® Technology and products with XtendFlex® Technology may not be approved in all states and may be subject to use restrictions in some states. Check with your local product dealer or representative or U.S. EPA and your state pesticide regulatory agency for the product registration status and additional restrictions in your state. For approved tank-mix products and nozzles visit XtendiMaxApplicationRequirements.com.

Commercialization is dependent on multiple factors, including successful conclusion of the regulatory process. **The information presented herein is provided for educational purposes only, and is not and shall not be construed as an offer to sell, or a recommendation to use, any unregistered pesticide for any purpose whatsoever.** It is a violation of federal law to promote or offer to sell an unregistered pesticide.

Do not export Roundup Ready® Alfalfa seed or crop, including hay or hay products, to China pending import approval. In addition, 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.

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. Certain 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. Growers should refer to <http://www.biotradestatus.com/> for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

Roundup Ready technology contains 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.

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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. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your Monsanto dealer or refer to Monsanto's Technology Use Guide for recommended weed control programs.

B.t. products may not yet be registered in all states. Check with your Monsanto 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 requirements.**

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.

The Climate FieldView™ services provide estimates or recommendations based on models. These do not guarantee results. Consult your agronomist, commodities broker and other service professionals before making financial, risk management, and farming decisions. Information and recommendations we provide do not modify your rights under insurance policies purchased through our affiliates. More information at www.climate.com/disclaimers.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Acceleron®, DroughtGard®, FortiField™, LibertyLink®, NemaStrike™, Poncho®, QuickRoots®, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready PLUS®, Roundup Ready®, Roundup®, SmartStax®, Specialty Hybrids™, Specialty and Design®, TagTeam®, VaporGrip®, VOTiVO®, VT Double PRO®, VT Triple PRO®, the Water Droplet Design®, XtendiMax®, and Your Field, Our Specialty®, are trademarks of Bayer Group. Climate FieldView™ is a trademark of The Climate Corporation. Herculex® is a registered trademark of Dow AgroSciences LLC. 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. ©2019 Bayer Group, All Rights Reserved.



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 Monsanto Technology/Stewardship 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.

