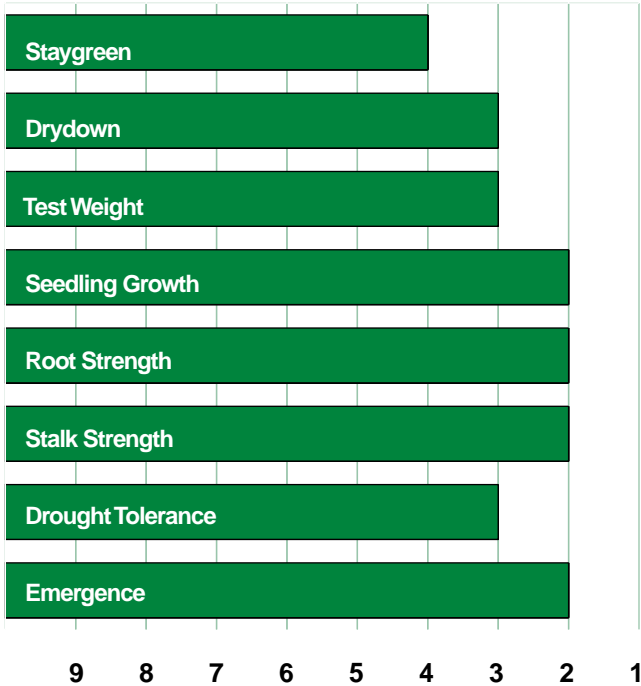




42D458 Brand Blend 112-DAY RM



NEW 42D458 Brand Blend 112-DAY RM



Key Strengths

- Outstanding early season agronomics with strong yield potential
- Very good stalks and excellent roots
- Strong overall disease package with very good ratings
- Average test weight and late season stay green
- Large footprint of adaptation from East to West

Plant Description

• Kernel Row	16-18
• Cob Color	Red

Management Tips

Product Brand Characteristics

Category	Characteristic	Value
MANAGEMENT	Value Added Trait	VT2PRIB
	Insect Resistance Management	Y
	Relative Maturity	112
	GDUs to Mid-pollination	1373
	GDUs to Black Layer	2800
PLANTING	Emergence	2
	Seedling Growth	2
GROWTH	Root Strength	2
	Stalk Strength	2
	Drought Tolerance	3
	Greensnap	3
	Plant Height	M
	Ear Placement	M-H
	Staygreen	4
HARVEST	Harvest Appearance	4
	Drydown	3
	Test Weight	3
	Northern Corn Leaf Blight	2
DISEASES	Gray Leaf Spot	4
	Southern Rust	5
	Goss's Wilt	4

Based on Specialty conducted trials. Relative to other Specialty brand products. Rating Scale: Excellent 1 Poor 9.

Traits for which no rating value is shown were not rated for this product.

Specialty Corn 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 VT Triple PRO[®] corn
- VT3PRIB = Genuity[®] VT Triple PRO[®] RIB Complete[®] corn blend
- DGVT3PRIB = DroughtGard[®] Hybrids with 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
- M-T = 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 constant, 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 circumstances.

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 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. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. 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. DroughtGard[®], Genuity[®], Genuity Design[®], Processor Preferred and Design[®], RIB Complete and Design[®], RIB Complete[®], Roundup Ready 2 Technology and Design[®], Roundup Ready[®], Roundup[®], SmartStax and Design[®], SmartStax[®], VT Double PRO[®], VT Triple PRO[®] and YieldGard VT Triple[®] are trademarks of Monsanto Technology LLC. LibertyLink[®] and the Water Droplet Design[®] are registered trademarks of Bayer. 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.

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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 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.

