



DEKALB® Corn
DKC53-56RIB Brand Blend



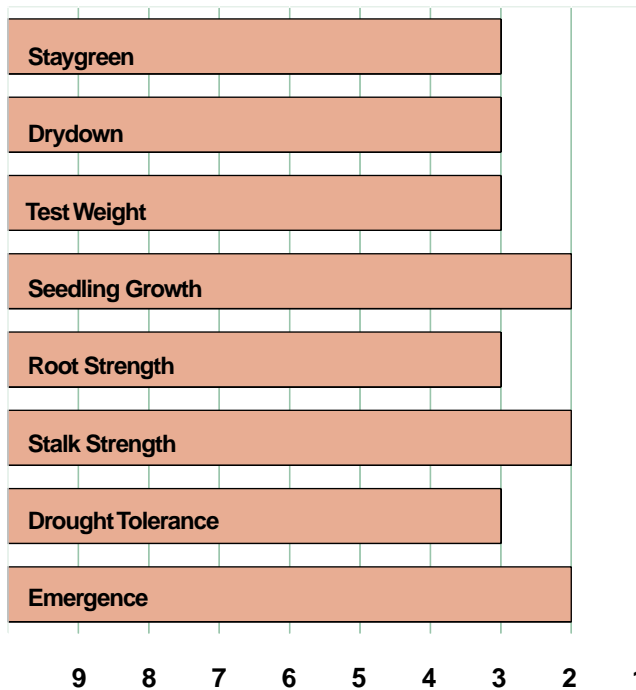
DKC53-56RIB Brand Blend

103-DAY RM

DKC53-56RIB Brand Blend can bring excellent top-end yield potential to the 100 and 105 RM zones. This product is widely adaptable, has good drought tolerance and performs well in corn on corn rotations.

Product Brand Characteristics

Category	Characteristic	Value
MANAGEMENT	Value Added Trait	SSRIB
	Relative Maturity	103
	GDUs to Mid-pollination	1267
	GDUs to Black Layer	2550
	Average for Maturity	1305
PLANTING	Planting Rate	M-MH
	Emergence	2
GROWTH	Seedling Growth	2
	Root Strength	3
	Stalk Strength	2
	Drought Tolerance	3
	Greensnap	3
	Plant Height	M
	Ear Placement	M
	Staygreen	3
HARVEST	Harvest Appearance	3
	Drydown	3
	Test Weight	3
	Northern Corn Leaf Blight	4
DISEASES	Southern Corn Leaf Blight	2
	Gray Leaf Spot	5
	Eye Spot	2
	Common Rust	3
	Southern Rust	6
	Anthracoese Leaf Blight	3
	Anthracoese Stalk Rot	4
	Stewart's Leaf Blight	3
	Goss's Wilt	4
	Corn Lethal Necrosis	1
	Southern Virus Complex	-
	Headsmut	-
	HERBICIDE	Growth Regulators Sensitivity
Sulfonylureas Sensitivity		A
Isoxazoles Sensitivity		A



Key Strengths

- Very high level of top-end yield potential
- Good drought tolerance
- Very good stalks and solid roots
- Very good late season appearance

Plant Description

- Leaf Color: Dark Green
- Silk Color: Green - Yellow
- Anther Color: Purple
- Kernel Row: 18-20
- Kernel Cap Color: Yellow
- Cob Color: Red

Management Tips

- Plant at medium to high populations to maximize yield potential
- Good choice for corn on corn acres with moderate to low Goss' Wilt pressure
- Has shown strong performance under irrigated or dryland conditions

Based on DEKALB® conducted trials. Relative to other DEKALB® brand products. Rating Scale: 1-2=Excellent, 3-4=Very Good, 5-6=Good, 7-8=Fair, 9=Poor. Traits for which no rating value is shown were not rated for this product.

DEKALB® 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 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
- TRE = Trecepta™ corn
- TRERIB = Trecepta™ RIB Complete® corn blend

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:

- 1-2 = Excellent 3-4 = Very Good
- 5-6 = Good 7-8 = Fair
- 9 = Poor

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

Diploia 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.

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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 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.

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®, Trecepta™, 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. 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.

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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.

