



**DEKALB® Corn**  
**DKC50-84RIB Brand Blend**



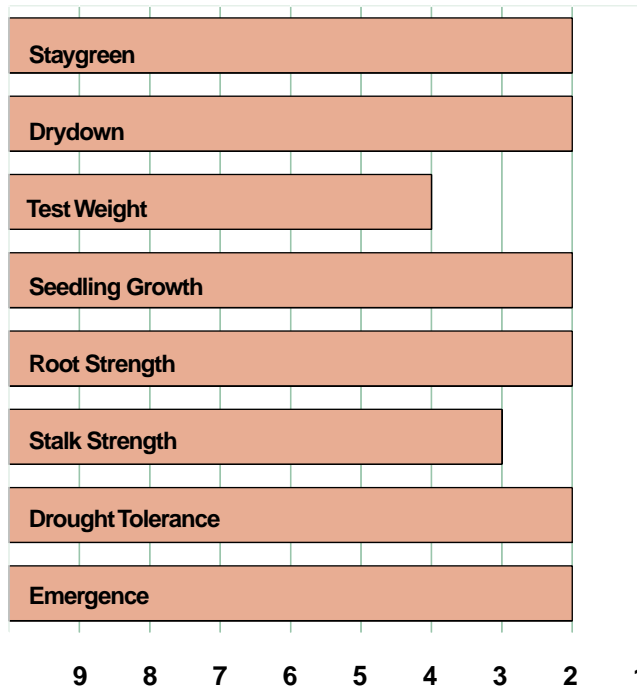
**DKC50-84RIB Brand Blend**

**100-DAY RM**

High top-end yield potential combined with low end stability make DKC50-84RIB Brand Blend a great product across the 100 RM zone. It has provided very good late season standability and good Goss' Wilt tolerance to make this a very attractive corn.

**Product Brand Characteristics**

Category	Characteristic	Value
MANAGEMENT	Value Added Trait	VT2PRIB
	Processor Preferred®	HFC
	Relative Maturity	100
	GDUs to Mid-pollination	1268
	GDUs to Black Layer	2500
	Average for Maturity	1284
PLANTING	Planting Rate	M-MH
	Emergence	2
GROWTH	Seedling Growth	2
	Root Strength	2
	Stalk Strength	3
	Drought Tolerance	2
	Greensnap	3
	Plant Height	M
	Ear Placement	M
	Staygreen	2
HARVEST	Harvest Appearance	2
	Drydown	2
	Test Weight	4
	Northern Corn Leaf Blight	4
DISEASES	Southern Corn Leaf Blight	-
	Gray Leaf Spot	5
	Eye Spot	3
	Common Rust	3
	Southern Rust	-
	Anthracoese Leaf Blight	-
	Anthracoese Stalk Rot	5
	Stewart's Leaf Blight	-
	Goss's Wilt	4
	Corn Lethal Necrosis	3
	Southern Virus Complex	-
	Headsmut	-
	HERBICIDE	Growth Regulators Sensitivity
Sulfonylureas Sensitivity		A
Isoxazoles Sensitivity		A



**Key Strengths**

- Very good drought stress tolerance
- Outstanding top-end yield potential with stable performance in low yield environments
- Very good late season standability
- Good Goss' Wilt tolerance
- Dual-purpose potential

**Plant Description**

- Leaf Color: Dark Green
- Silk Color: Tan
- Anther Color: Purple
- Kernel Row: 16-18
- Kernel Cap Color: Yellow
- Cob Color: Red

**Management Tips**


- Position in the 100 to 105 RM zones east to west
- Position as an early corn early option
- Very good seedling vigor and emergence allows for early planting
- Very good late season standability allows for late harvest
- Good ear flex allows for variable planting populations depending on yield environment

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  
 DGV2P = DroughtGard® Hybrids with VT Double PRO® corn  
 VT2PRIB = VT Double PRO® RIB Complete® corn blend  
 DGV2PRIB = DroughtGard® Hybrids with VT Double PRO® RIB Complete® corn blend  
 VT3P = Genuity® VT Triple PRO® corn  
 DGV3P = DroughtGard® Hybrids with Genuity® VT Triple PRO® corn  
 VT3PRIB = Genuity® VT Triple PRO® RIB Complete® corn blend  
 DGV3PRIB = 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.

**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. 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.

