



## DEKALB® Corn

### DKC54-36 Brand

DKC54-36 Brand can provide excellent yield potential and Goss' Wilt tolerance. Has shown very good greensnap tolerance combined with solid roots and stalks make this a very reliable addition to the 105 RM.

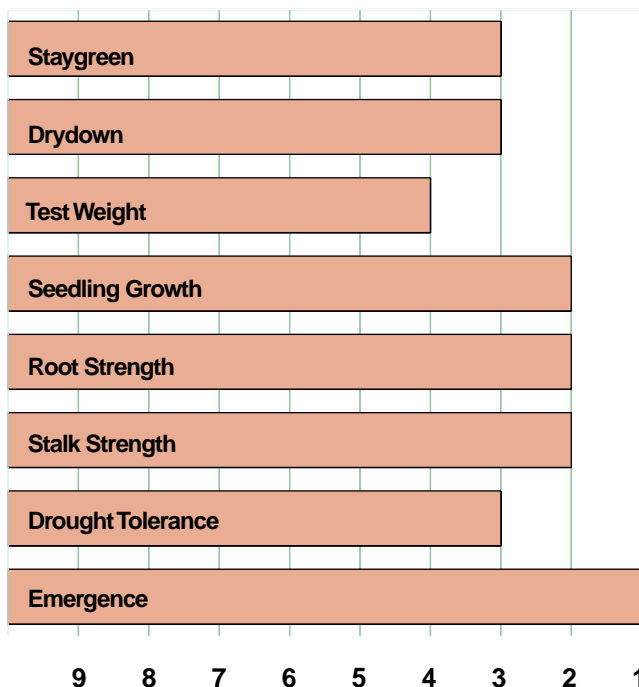
#### Product Brand Characteristics

Category	Characteristic	Value
MANAGEMENT	Value Added Trait	CONV
	Relative Maturity	104
	GDUs to Mid-pollination	1300
	GDUs to Black Layer	2600
	Average for Maturity	1312
PLANTING	Planting Rate	M-H
	Emergence	1
GROWTH	Seedling Growth	2
	Root Strength	2
	Stalk Strength	2
	Drought Tolerance	3
	Greensnap	3
	Plant Height	M
	Ear Placement	M
	Staygreen	3
HARVEST	Harvest Appearance	3
	Drydown	3
	Test Weight	4
	Northern Corn Leaf Blight	3
DISEASES	Southern Corn Leaf Blight	1
	Gray Leaf Spot	4
	Eye Spot	2
	Common Rust	3
	Southern Rust	4
	Anthracoese Leaf Blight	-
	Anthracoese Stalk Rot	4
	Stewart's Leaf Blight	3
	Goss's Wilt	3
	Corn Lethal Necrosis	2
	Southern Virus Complex	-
	Headsmut	-
	HERBICIDE	Growth Regulators Sensitivity
Sulfonylureas Sensitivity		A
Isoxazoles Sensitivity		C

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.

#### DKC54-36 Brand

104-DAY RM



#### Key Strengths

- Very good top-end yield potential
- Very good Goss' Wilt tolerance
- Has shown solid roots and stalks
- Has shown good greensnap tolerance

#### Plant Description

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

#### Management Tips


- Position in areas with moderate or worse Goss' Wilt pressure
- Position as a product that can perform well in the 100, 105 and 110 RM zones
- Good performance in areas with moderate or less drought stress
- Semi-flex ear allows for planting from 30 to 40K PPA depending on yield environment

## 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.

