



Large Plot and New Product Evaluation – DEKALB® Brand Corn Products

Trial Objective

- Several DEKALB® brand corn products were planted at the Bayer Learning Center near Scott, MS to determine the highest yielding products for this environment.

Research Site Details

Location	Soil Type	Planting Date	Harvest Date	Seeding Rate (seeds/acre)
Scott, MS Highway Plot	Commerce Silt Loam	03/22/2018	08/23/2018	37.5K
Scott, MS Buckshot Plot	Sharkey Clay	03/23/2018	08/13/2018	37.5K

- 240 lb actual nitrogen was split-applied as two 50% applications of 32% liquid.
- Highway site plots were 8 rows each and 550 feet long.
- Buckshot site plots were 8 rows each and 1300 feet long.
- Yields were adjusted to 15.5% moisture.
- All other agronomic practices were standard for the area.

Understanding the Results

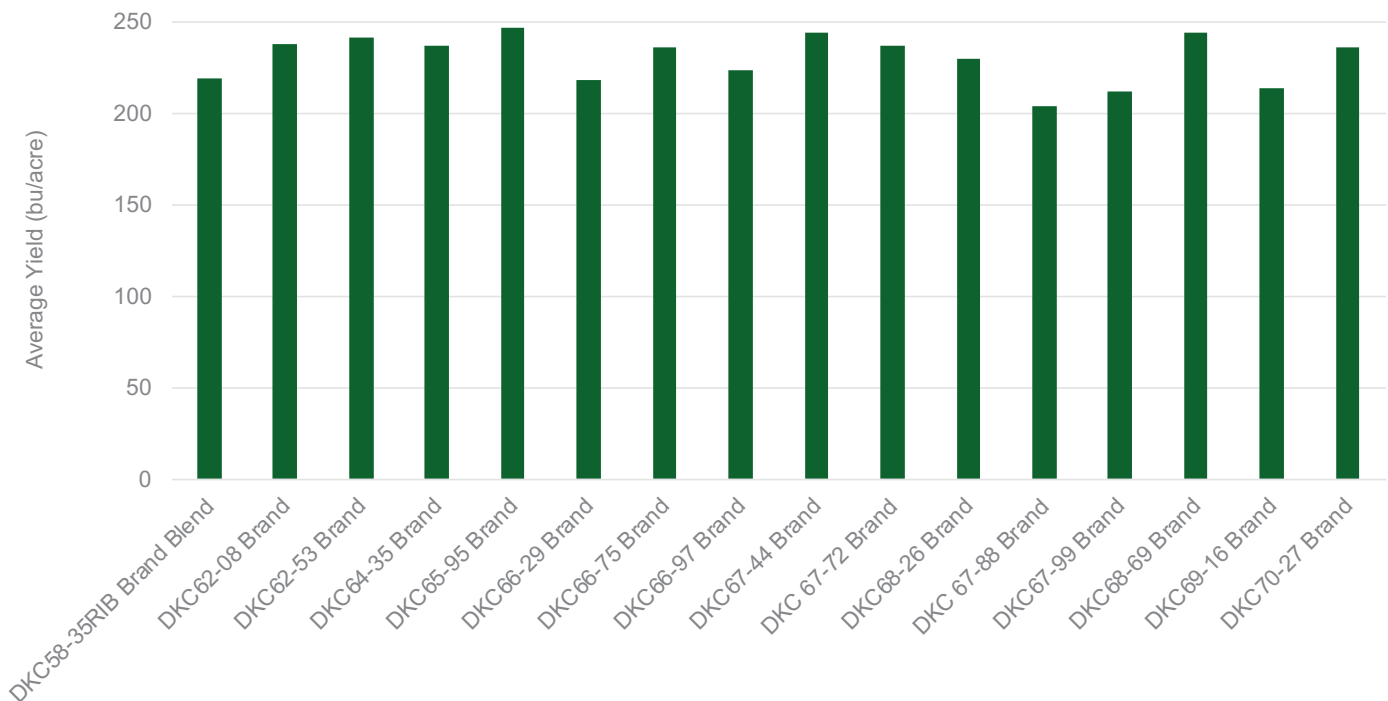


Figure 1. Average 2018 DEKALB® brand corn product yield at the Highway site large plot location in Scott, MS.



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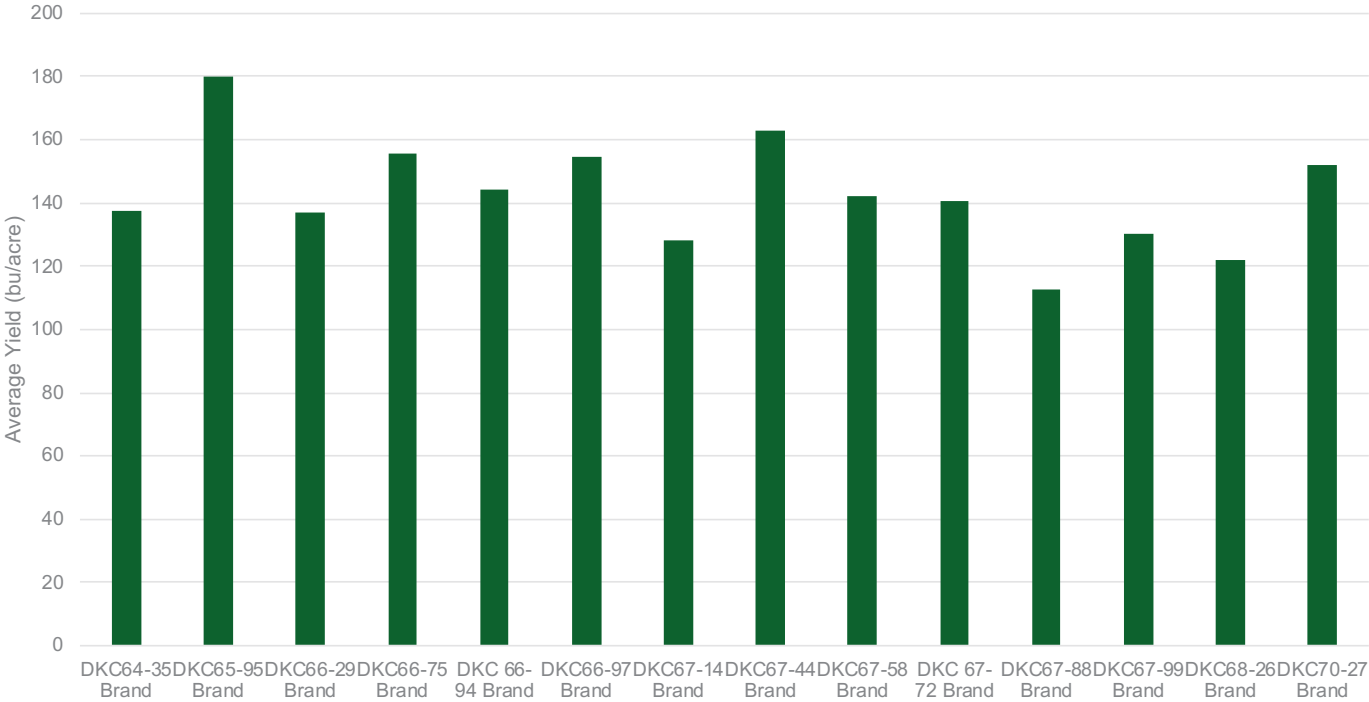


Figure 2. Average 2018 DEKALB® brand corn product yield at the Buckshot site large plot location in Scott, MS.

- Results from this trial are reported as yield by corn product only.

What Does This Mean for Your Farm?

- Several DEKALB® brand corn products offered excellent yield potential in this trial.
- Consult your local DEKALB® brand seed representative for further information.





Large Plot and New Product Evaluation – Asgrow® Brand Soybean Products

Trial Objective

- 15 Asgrow® brand soybean products were planted at the Bayer Learning Center near Scott, MS to determine the highest yielding products for this environment.

Research Site Details

Location	Soil Type	Planting Date	Harvest Date	Seeding Rate (seeds/acre)
Scott, MS Highway Plot	Commerce silt loam	03/22/2018	Various	130K
Scott, MS Buckshot Plot	Sharkey clay	03/23/2018	Various	130K

- Soybeans were planted on 7.5-inch x 38-inch twin bedded rows at both sites.
- Highway site plots were 8 rows each and 550 feet long.
- Buckshot site plots were 8 rows each and 1300 feet long.
- Soybeans were desiccated as needed and harvested over a four-week time period beginning August 30, 2018 and ending October 1, 2018. Yields were adjusted to 13.5% moisture.
- All other agronomic practices were standard for the area.

Understanding the Results

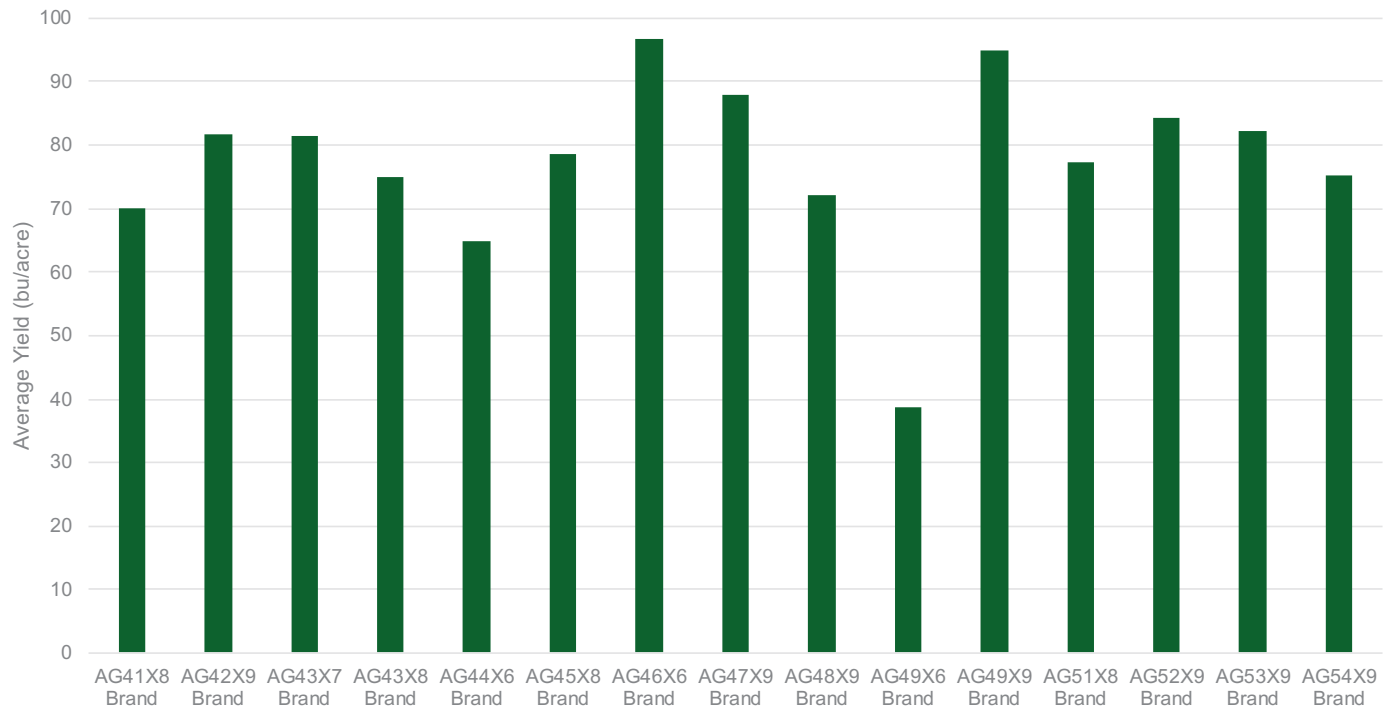


Figure 3. Average 2018 Asgrow® brand soybean product yield at the Highway site large plot location in Scott, MS.



Large Plot and New Product Evaluation – Asgrow® Brand Soybean Products

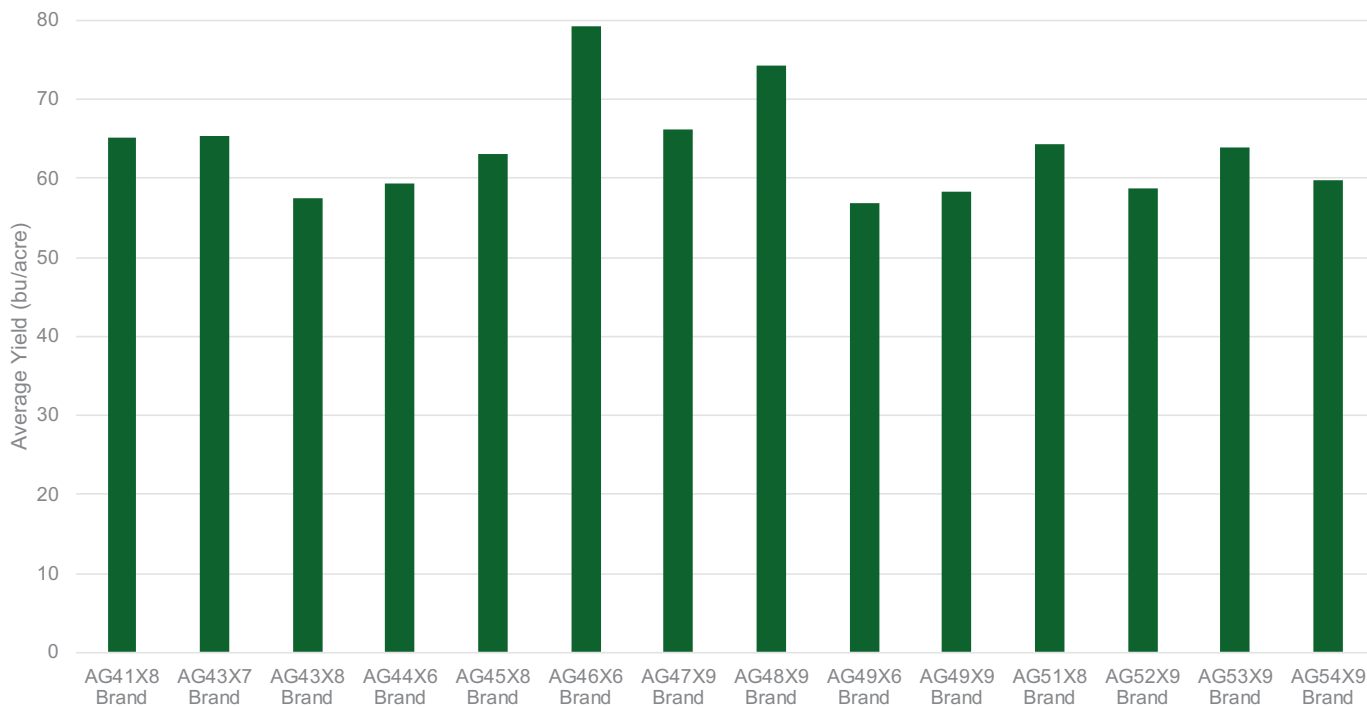


Figure 4. Average 2018 Asgrow® brand soybean product yield at the Buckshot site large plot location in Scott, MS.

- Results from this trial are reported as yield by soybean product only.

What Does This Mean for Your Farm?

- Several Asgrow® brand soybean products offered excellent yield potential in this study.
- Consult your local Asgrow® brand seed representative for further information.





Large Plot and New Product Evaluation – Deltapine® Brand Cotton Products

Trial Objective

- Ten Deltapine® cotton products were planted at the Bayer Learning Center near Scott, MS to determine the highest yielding products for this environment.

Research Site Details

Location	Soil Type	Previous Crop	Tillage Type	Planting Date	Harvest Date	Seeding Rate (seeds/acre)
Scott, MS	Commerce silt loam	Corn	Conventional	05/09/2018	09/20/2018	41K

- 90 lb/acre of actual nitrogen was applied.
- Plots were 8 rows each and 550 feet long.
- Mepiquat pentaborate (Pentia®) was applied at 16 oz product/acre on the following dates:
 - 6/18/2018
 - 6/26/2018
 - 7/03/2018
- All other agronomic practices were standard for the area.

Understanding the Results

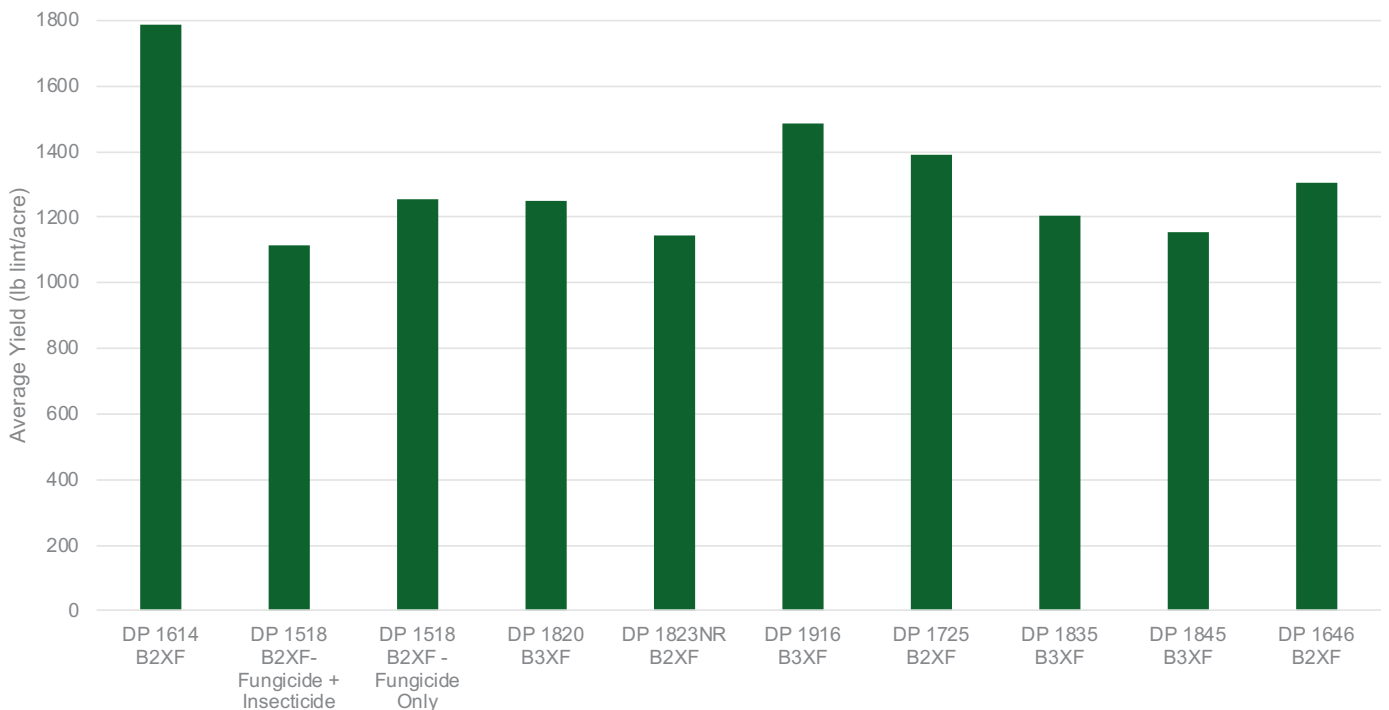


Figure 5. Average 2018 Deltapine® cotton product yield in Scott, MS.



Large Plot and New Product Evaluation – Deltapine® Brand Cotton Products

What Does This Mean for Your Farm?

- Several Deltapine® cotton products offered excellent yield potential in this trial.
- Consult your local Deltapine® cotton seed representative for further information.

Legal Statements

The information discussed in this report is from a multiple site, non-replicated demonstration. This informational piece is designed to report the results of this demonstration and is not intended to infer any confirmed trends. Please use this information accordingly.

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 Excellence Through Stewardship.

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. Contact your seed brand dealer or refer to the Technology Use Guide for recommended weed control programs.


B.t. products may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

SmartStax® multi-event technology developed by Monsanto Company and Dow AgroSciences.

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.

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. Asgrow and the A Design®, DEKALB and Design®, Deltapine®, RIB Complete®, Roundup Ready 2 Xtend®, Roundup Ready®, Roundup®, SmartStax® and VT Double PRO® are registered trademarks of Bayer Group. Herculex® is a registered trademark of Dow AgroSciences LLC. LibertyLink® is a trademark of BASF Corporation. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. ©2019 Bayer Group. All rights reserved. 181207071422 122118AMH



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