

Corn Product Response to Seeding Rate - Southeast Iowa

Trial Objective

- To measure the yield response of corn products using a range of seeding rates to help determine the optimum seeding rate for the region.

Research Site Details

Location	Soil Type	Previous Crop	Tillage Type	Planting Date	Harvest Date	Potential Yield (bu/acre)	Seeding Rate (seeds/acre)
Victor, IA	Silty clay loam	Soybean	Conventional	4/24/2018	10/04/2018	240-260	32.5K, 35K, 37.5K, 40K

- This trial was conducted in a single location, non-replicated, in six-row plots with 30-inch row spacing with four seeding rates spaced equally within an 850-ft plot length.
- Total nitrogen applied was 150 lb/acre.

Understanding the Results

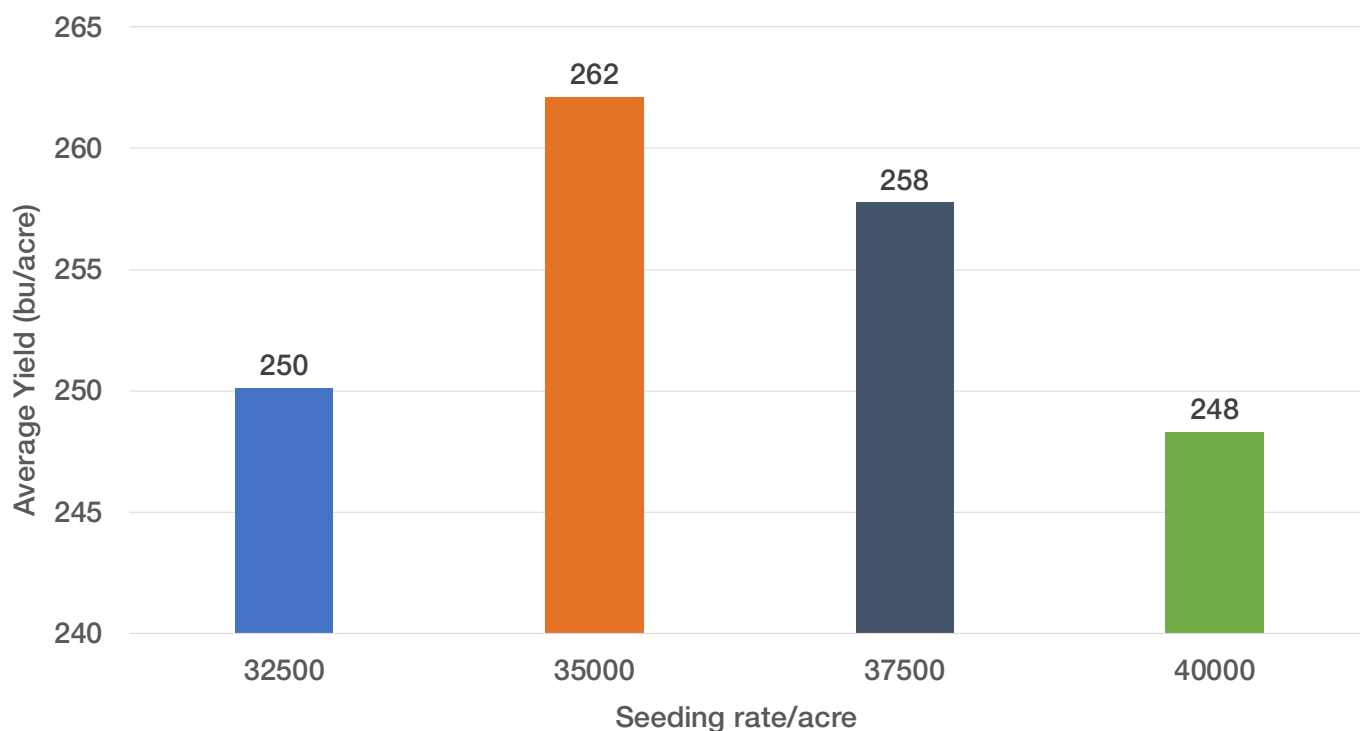


Figure 1. Average yields of ten Kruger™ Seeds brand blends at four seeding rates.

Corn Product Response to Seeding Rate - Southeast Iowa

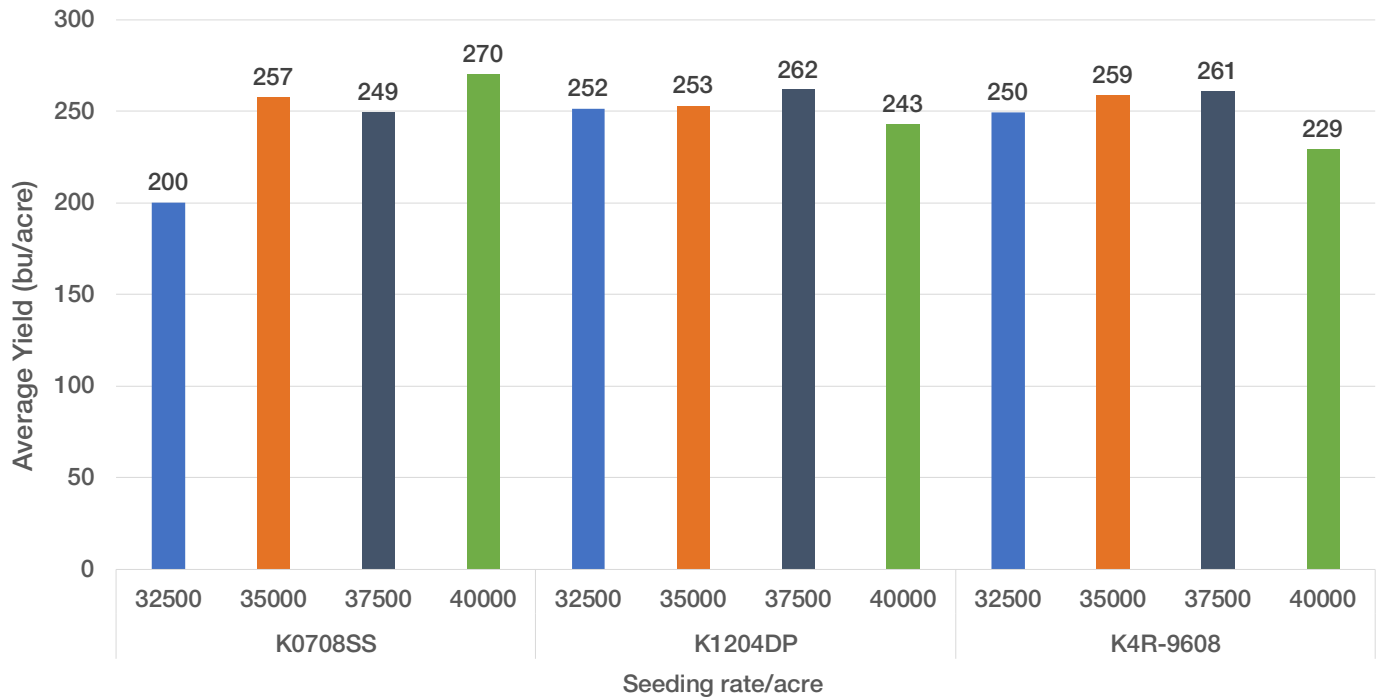


Figure 2. Average yields of three Kruger™ Seeds brand blends at four seeding rates.

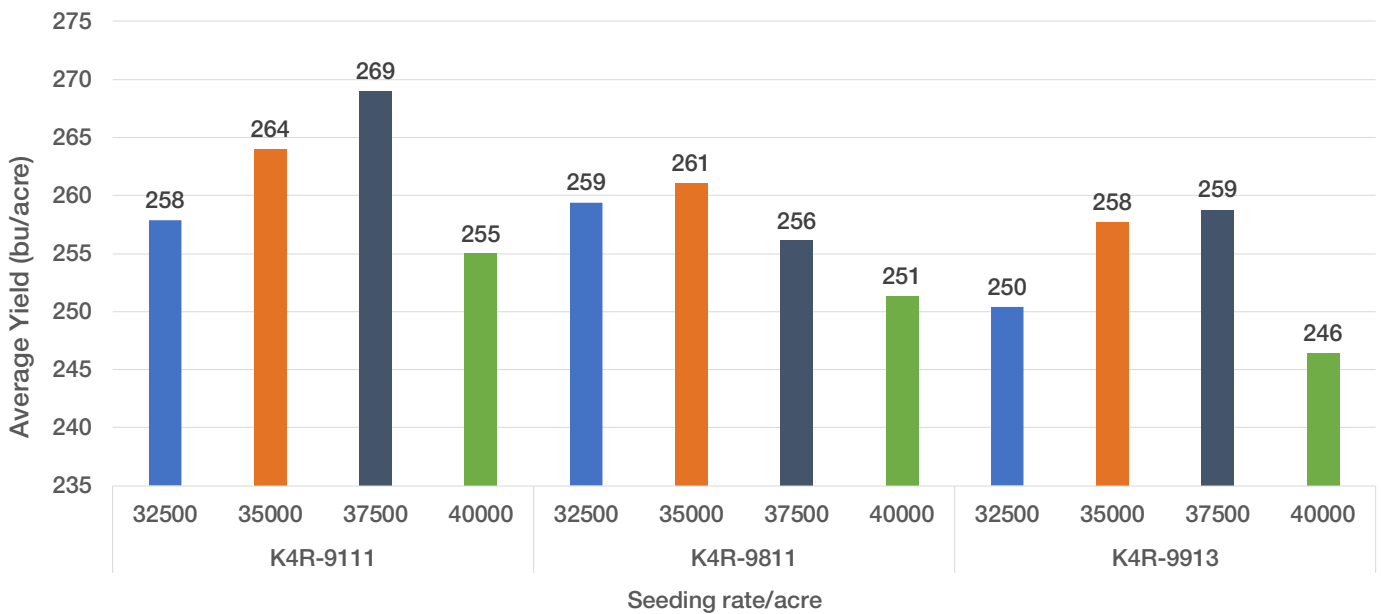


Figure 3. Average yields of three Kruger™ Seeds brand blends at four seeding rates.

Corn Product Response to Seeding Rate - Southeast Iowa

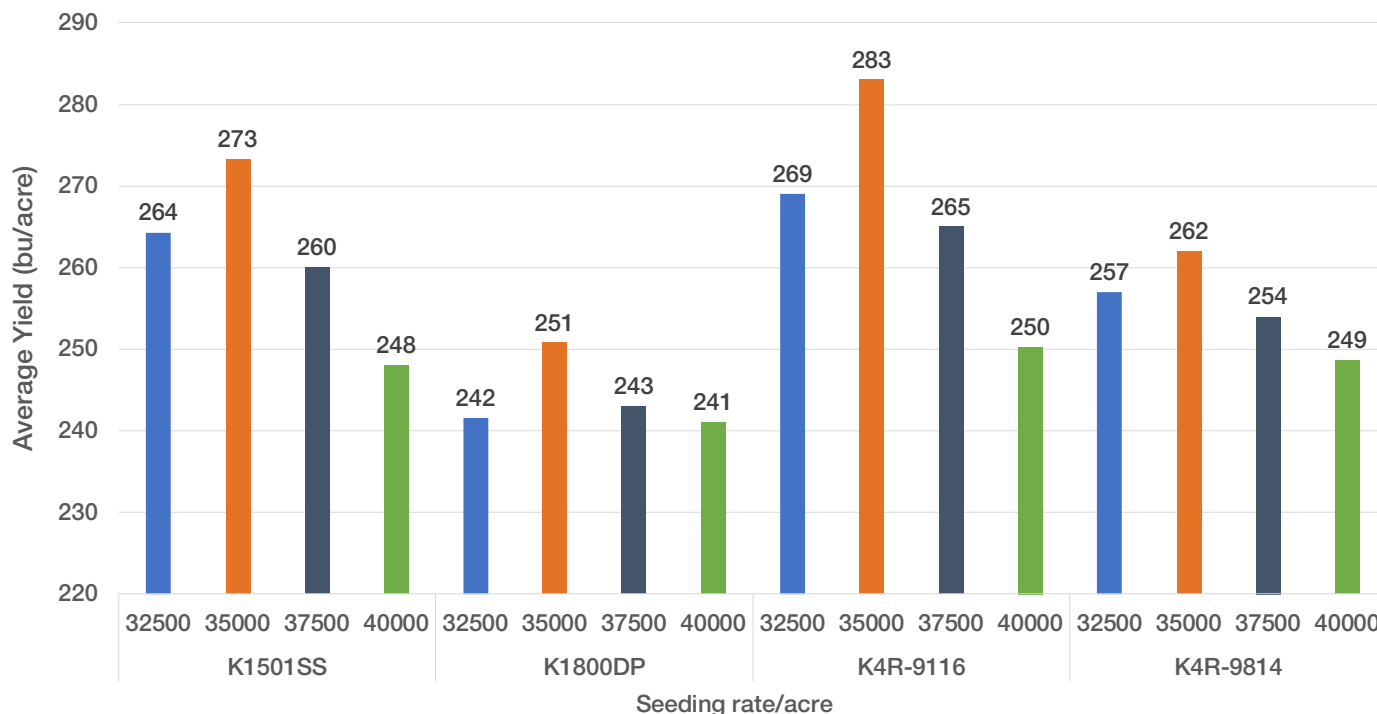


Figure 4. Average yields of four Kruger™ Seeds brand blends at four seeding rates.

Legal Statements

The information discussed in this report is from a single 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.

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.

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. Herculex® is a registered trademark of Dow AgroSciences LLC. LibertyLink® and LibertyLink® and the Water Droplet Design® are trademarks of BASF Corporation. Kruger Seeds and Design™, Kruger Seeds™, RIB Complete®, Roundup Ready®, Roundup® and SmartStax® are trademarks of Bayer Group. ©2018 Bayer Group. All rights reserved. 181205122124 120318JMG

