

Nebraska On-Farm Research Network

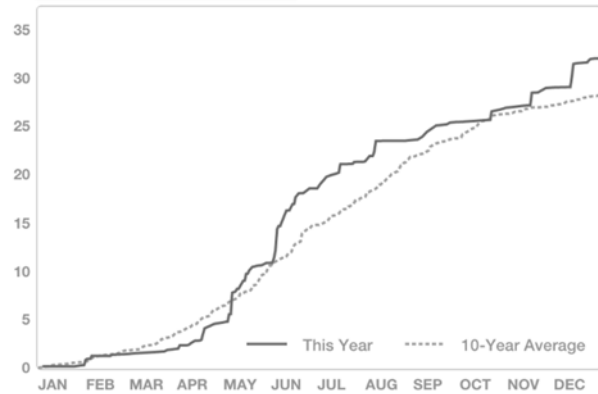
Aurora Bean Starter™ Application on Soybeans

Study ID: 038035201502
County: Clay
Soil Type: Crete silt loam;
Planting Date: 5/2/15
Harvest Date: 9/15/15
Population: 195,000
Row Spacing (in.) 15
Hybrid: Asgrow 24-31
Reps: 6
Previous Crop: Corn
Tillage: No-Till
Herbicides: *Pre:* Roundup PowerMax *Post:* Roundup PowerMax
Seed Treatment: Not specified (Standard)
Foliar Insecticides: 3 lbs sugar applied at R1
Foliar Fungicides: Unknown
Fertilizer: 45 lbs/ac P, 2 lbs/ac Zn, 15 lbs/ac S (fall applied)

Note: Some shattering on this field prior to harvest due to hail event Sept. 13. Estimated 5-6 bpa on the ground.

Irrigation: Pivot, Total: 3.65"

Rainfall (in.):



Introduction: In this study the grower looked at the effect of Aurora Bean Starter™ on soybean yield and economics compared to an untreated check. Product information is at right. The Aurora Bean Starter™ product was applied at a rate of 1 gal/ac, in-furrow at planting. Soybeans were drilled in 15" rows.

NUTRITIONAL PRODUCT RG
Ready 2 Grow

AURORA BEAN STARTER™

GENERAL INFORMATION

Aurora Bean Starter is a new starter specifically designed for soybeans. **Aurora Bean Starter** does not contain any N-P-K, so, seed safety is not at risk and early season growth can be optimized.

Aurora Bean Starter stimulates increased early-season nodulation and root mass and improves uptake of applied nutrients.

Results:

	Yield (bu/ac)†	Moisture (%)	Test Weight	Marginal Net Return (\$/ac)‡
Check	79 A*	9.4 A	58 A	703.01
Aurora Bean Starter 1 gal./ac	79 A	9.6 A	57 A	693.10
<i>P-Value</i>	0.8438	0.2022	0.1747	N/A

†Bushels per acre corrected to 13% moisture.

*Values with the same letter are not significantly different at a 90% confidence level.

‡Net Return based on \$8.90/bu soybeans and \$10.00/acre starter fertilizer cost.

Summary: There was no statistical difference in soybean yield, moisture, stand counts, or test weight for the starter fertilizer compared to the untreated check.



In Partnership with:



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