



# FIELD TRIALS REPORT 2025

Smart growers start with BioBoost, the one-step planter box treatment that delivers a complete nutritional start. BioBoost is packed with essential micronutrients nearly 80% of fields are deficient in, while also evenly coating each seed with biology, amino acids and endophytic fungi, driving micronutrient uptake all season long and reducing late season abiotic stress.

FOR YOUR FIELD		FOR YOUR CROP	
FEATURE	BENEFIT	FEATURE	BENEFIT
Viable biology: bacteria and endophytic fungi	Bigger roots, heavier shoots and thicker stems	Non-talc, non-graphite, Dust™ formula	No mess, safe for the environment and people, talc-free
Ultra-fine Dust™ delivery system	More even emergence due to consistent seed singulation and spacing	Replaces seed lubrication products	Compatible with most seed treatments
Amino acids	Stronger abiotic stress tolerance	No hassle planter box application	Easy apply in planter box, no in-furrow needed
Season-long biological activity and micronutrient package	Increased micronutrient efficiency up to 42% all season	Ultra-fine Dust™ coating	Consistent seed singulation and spacing
		Stable biological encapsulation	6 months on-seed stability and 2-year shelf life



## 2025 TRIALS YIELD ADVANTAGE



**CORN:**  
+7.41 bu/ac



**SOYBEAN:**  
+3.92 bu/ac



**UP TO 42%**  
**MICRONUTRIENT**  
**EFFICIENCY**



**3X RETURN**  
**ON INVESTMENT**



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**TRUST THE DUST™**



NUMBER OF TRIALS:

157

AVERAGE YIELD ADVANTAGE:

+6.53 BUSHELS PER ACRE

## OVERALL BIOBOOST CORN PERFORMANCE

**Date Range:** Overall BioBoost performance reflects combined results from 2024 and 2025 yield trials.

**Average Yield Increase:** +6.53 across all regions.

**Consistency:** Performed well across diverse climates and soil types.

## REGIONAL TRENDS

REGIONS	AVERAGE YIELD INCREASE
<b>Midwest (Illinois, Indiana, Iowa, Missouri, Ohio, Wisconsin)</b>	<b>+7.17 bushels per acre</b> ACTIVE INGREDIENTS: <b>IRON (Fe)</b> 9% <b>AVAILABLE PHOSPHATE (P<sub>2</sub>O<sub>5</sub>)</b> 2% <b>SOLUBLE BORASH (K<sub>2</sub>O)</b> 5% <b>ZINC (Zn)</b> 1.5% BIOBOOST™ contains beneficial microorganisms and trace minerals.
<b>Northern Plains (Minnesota, Nebraska, North Dakota, South Dakota)</b>	<b>+5.71 bushels per acre</b> APPLICATION: Apply to seed at time of planting as a seed lubricant. (DO NOT add Graphite or Talc.)
<b>Southern States (Arkansas, Alabama, Mississippi, North Carolina, Tennessee)</b>	<b>+12.76 bushels per acre</b> APPLICATION: For Bulk Fill Planters: spread one container of BioBoost on the seed in the top of the planter box. For Row Planters: be sure to add one seed box per row planter. (DO NOT add to seed box.) For Individual seed box per row planters: add one container of BioBoost on top of seed and mix into the seed. (DO NOT add to seed.)
<b>Central Plains (Kansas, Missouri, Texas)</b>	<b>+5.54 bushels per acre</b> 1.40 lb (0.63 kg)



Results from U.S. trials, measured at V4-V6 growth stage of crops treated with BioBoost Corn. 3.1% shorter plants, 11% increase in stem diameter, 11% increase in root growth, and 22% larger shoot weight.

### IMPACT OF YIELD ON FARMER ROI

- Number of trials: 157
- Average yield increase: +6.53
- Corn price per bushel: \$4.50
- Revenue increase: \$29.30
- BioBoost Corn cost (based on seeding rate): \$5-\$9/acre

**NET ROI:**  
**+\$20.30 – \$24.30 PER ACRE**



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NUMBER OF TRIALS:

96

AVERAGE YIELD INCREASE:

+3.78 BUSHELS PER ACRE

## OVERALL BIOBOOST SOY PERFORMANCE

**Date Range:** Overall BioBoost performance reflects combined results from 2024 and 2025 yield trials.

**Average Yield Increase:** +3.78 across all regions.

**Consistency:** Delivered reliable results in both irrigated and dryland fields.

## REGIONAL TRENDS

REGIONS	AVERAGE YIELD INCREASE
Midwest (Illinois, Indiana, Iowa, Missouri, Ohio)	+3.84 bushels per acre
Northern Plains (Minnesota, Nebraska, North Dakota, South Dakota)	+3.82 bushels per acre
Southern States (Arkansas, Kentucky, Tennessee)	+4.86 bushels per acre
Central Plains (Kansas, Missouri, Texas)	+2.38 bushels per acre



### IMPACT OF YIELD ON FARMER ROI

- Number of trials: 96
- Average yield increase: +3.78
- Soybean price per bushel: \$10.50
- Revenue increase: \$39.69
- BioBoost Soy cost (based on seeding rate): \$9-\$14/acre

**NET ROI:**  
+\$25.69– \$30.69  
PER ACRE