

RT-6555

BOOSTING CORN YIELDS & NITROGEN

ABG Ag Service | Frankfort, IN

KEY IMPROVEMENTS:

- **NUE:** BOOST™ improved NUE by 11%, dropping from 0.81 lb N/bu in the control to 0.72 lb N/bu. This means more bushels per pound of nitrogen, stretching your fertilizer further.
- **Yield improvement:** +17.8 bu/ac using 4 gallons less UAN28%
- **ROI:** Based on \$4.15 corn and an additional treatment cost of \$7.48 above the grower standard UAN28% (\$85.20), BOOST™ yield gains added \$66.53/acre in revenue. By minimizing nitrogen loss and enabling potential reductions in total N rates, BOOST™ cuts input costs while maximizing profits, delivering a strong payback for growers facing tight margins.

L-CBF RESEARCH TRIAL



TRIAL DETAILS

Variety: DEKALB 56-65

Pre-Emerge Dry Fertilizer:

Total Dry Fertilizer N = 90 Units

• Urea: 150 lb

• Ammonium Sulfate: 100 lb

Plant Date: May 27th

Harvest Date: October 15th

Pre-Emerge Broadcast: May 30th

Y-Drop @ V5: June 24th

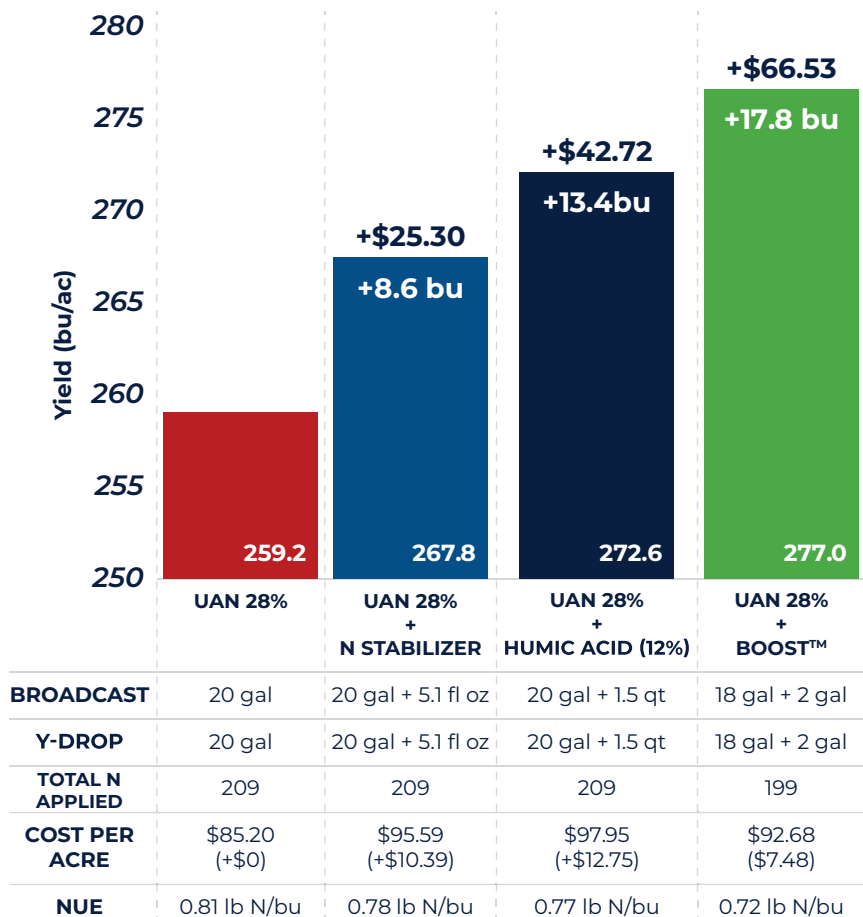
Population: 34,700 seeds/ac

Plot Size: 10 ft x 40 ft

Replication: 6

SUMMARY

In a 2025 Indiana nitrogen study on corn, BOOST™ delivered proven gains in nitrogen use efficiency (NUE), yield, and ROI. In the trial BOOST™ was even more effective as a UAN additive than both humic acid (12%) or a Nitrogen stabilizer (urease and nitrification inhibitor). BOOST™ reduces N loss and optimizes soil microbe activity to unlock more nutrients from applied fertilizer, reducing waste and boosting plant uptake.



**** Calculations based off \$4.15/bu corn**

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* Results may vary. Always perform a jar test before application

