



IN-FURROW CORN STARTER TRIAL

SGS Research North America
Wyoming, IL

SUMMARY

In 2023, an in-furrow micronutrient study was conducted at SGS in Wyoming, IL. The study aimed to demonstrate the yield and return on investment (ROI) improvements achieved by using the QLF Agronomy Program. The study evaluated seven fertilizer treatments in a six-replicated complete block trial. The variables examined included stand count, plant height, biomass, number of rows per ear, kernels per row, and harvest data.

The results of the study showed that the QLF Agronomy Program, specifically the treatment involving L-CBF 7-21-3 MKP starter at 5 gallons per acre with the addition of a quart of CornSpike (a dual chelation Zinc blend), outperformed the Control treatment, which consisted of 5 gallons of 6-20-4 with 0.25% zinc applied in-furrow. Additionally, all treatments received a base fertilizer program that included Urea (435 lbs), MAP (100 lbs), and Potash (180 lbs).

Specifically, the data revealed the following advantages for the QLF Agronomy Program treatment over the Control:

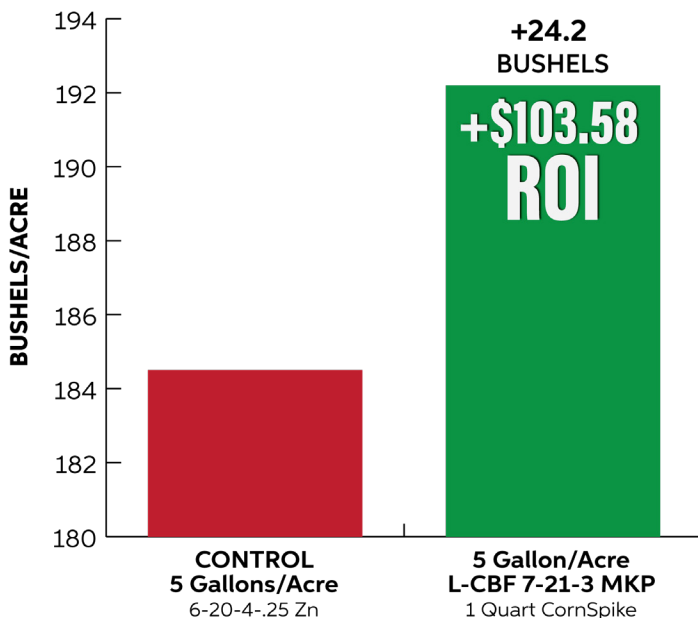
- 1. ROI Advantage:** The QLF Agronomy Program showed a significant ROI advantage of \$103.58 over the Control.
- 2. Yield Advantage:** The QLF Agronomy Program treatment achieved a substantial yield advantage of 24.2 bushels per acre over the Control.

The combination of in-furrow placement of L-CBF 7-21-3 MKP starter and the additional quart of CornSpike played a crucial role in enhancing the crop's growth and development from planting to maturity.

In summary, the study demonstrated that the QLF Agronomy Program, specifically the treatment involving L-CBF 7-21-3 MKP starter with CornSpike, along with the base fertilizer program, significantly improved yield and ROI compared to the Control treatment, which used 6-20-4 with added zinc in-furrow.

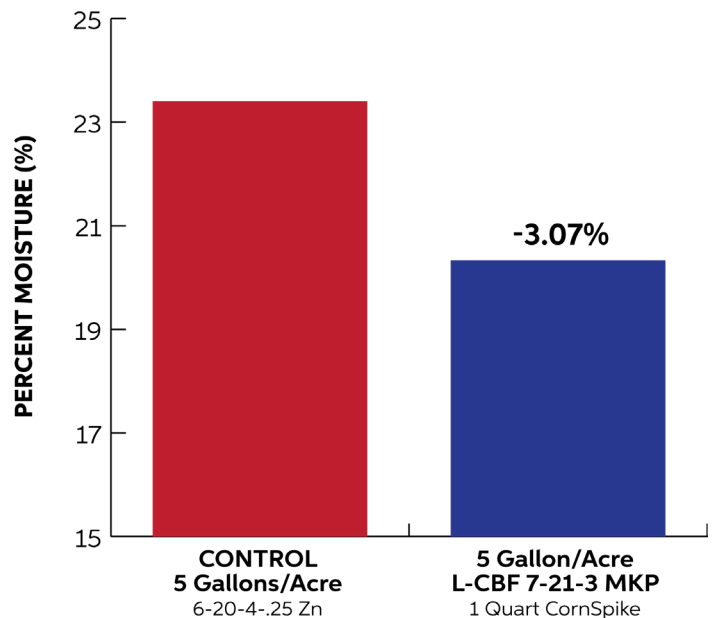
In-Furrow Corn Starter Research Trial

Corn Yield



In-Furrow Corn Starter Research Trial

Percent Moisture (%)



****ROI was based on a corn price of \$4.75 per bushel.**

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

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