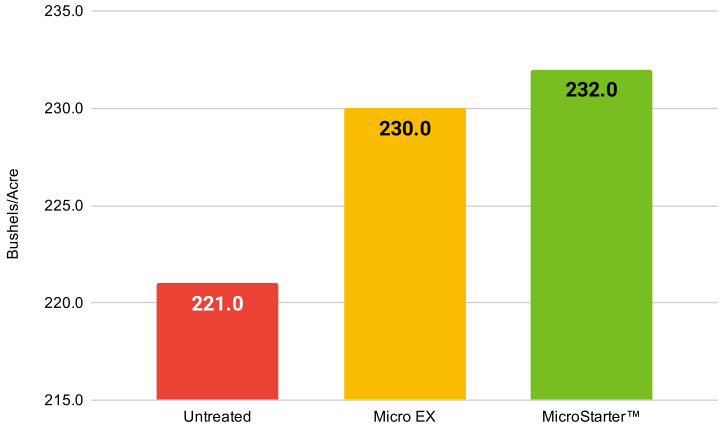
AgXplore FieldRESULTS

PLANT NUTRITION

microSTARTER

MicroStarter™ Foliar Corn Trial

Results



Objective(s)

- Evaluate the yield response to a foliar application of MicroStarter™ on corn compared to grower standard untreated corn.

Overview

- Molybdenum is an essential component in the conversion of nitrogen as well as an amino acid synthesizer.
- Boron improves pollination and kernel development when applied during V3-V5 growth stages.
- Zinc is essential in of protein and carbohydrate synthesis, improving grain fill.
- MicroStarter™ is a nutritional blend including boron, molybdenum, zinc and humates, with nCeption and ChelaTech Technology™, designed to enhance plant performance and vigor.

Trial Details

Locations and Crop Management:

CROP: Corn; Non-Irrigated
YEAR(S): 2018
DATA SOURCE: Mohn Farms, Scott County, MN, USA
EXPERIMENTAL DESIGN: 4 replications
CROPPING CONDITIONS: Trials conformed to local cropping practices.
RATES: 32 oz/ac
APPLICATION METHOD: Foliar Application
PLANTING DATE: 5/16/2018
HARVEST DATE: 11/12/16
SEED VARIETY: DKC 51-38
PLANTING RATE, UNIT: 35000 S/A
PREVIOUS CROP: Soybeans
SOIL TYPE: Silt/Loam

Summary

- MicroStarter™ outyielded grower standard untreated corn by 11.0 bu/ac.
- MicroStarter™ outyielded competitive product, Micro EX, by 2.0 bu/ac.
- By using MicroStarter™ foliar on corn, yield potential is increased more than using standard growing practices or competitive products.

11.0
bu/ac

Increase with MicroStarter™ over untreated grower standard

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Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

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