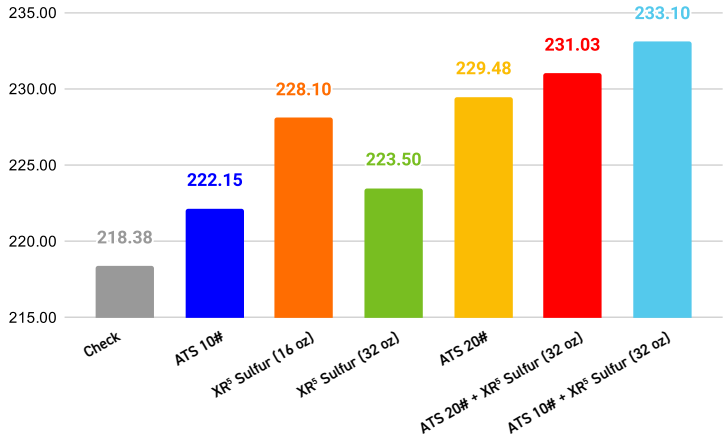
AgXplore FieldRESULTS

PLANT NUTRITION

XR5 SULFUR

XR5 Sulfur Source Corn Trial

Results



Objective(s)

- Evaluate the yield response to a foliar application of XR5 Sulfur on corn compared to other sulfur source products.

Overview

- Sulfur improves chlorophyll stimulation and photosynthetic processes.
- Sulfur aids in metabolizing nitrogen within the plant, making it essential to utilize nitrogen inputs.
- Over 50% of sulfur needs occur after flowering.
- Sulfur is often immobile within the plant.
- XR5 Sulfur is a nutritional blend including 17% sulfur, with NTake Technology™. With NTake's proprietary mobilization technology, XR5 Sulfur applied foliar provides active sulfur more readily absorbed and utilized by the plant.

Trial Details

Locations and Crop Management:

CROP: Corn; Non-Irrigated
YEAR(S): 2020
DATA SOURCE: Crystal Valley Co-op, Janesville, MN, USA
CROPPING CONDITIONS: Trials conformed to local cropping practices.
RATES: XR5 Sulfur (16 oz or 32 oz/ac); AMS (10 lbs/ac); ATS (10 lbs or 20 lbs/ac)
SEED VARIETY: 4188
SOIL TYPE: Sandy Loam
TILLAGE TYPE: Conv
PLANTING DATE: 5/02/2020
PLANTING EQUIPMENT: Row Planter
HARVEST DATE: 10/09/2020
HARVEST WIDTH: 30'
HARVEST LENGTH: 960'

Summary

- XR5 Sulfur outyielded check standard by 9.72 bu/ac.
- By using XR5 Sulfur on corn, yield potential is increased compared to other sources of sulfur.

9.72 bu/ac

Increase with XR5 Sulfur @ 16 oz over check 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.

For more information , visit **AgXplore.com**.