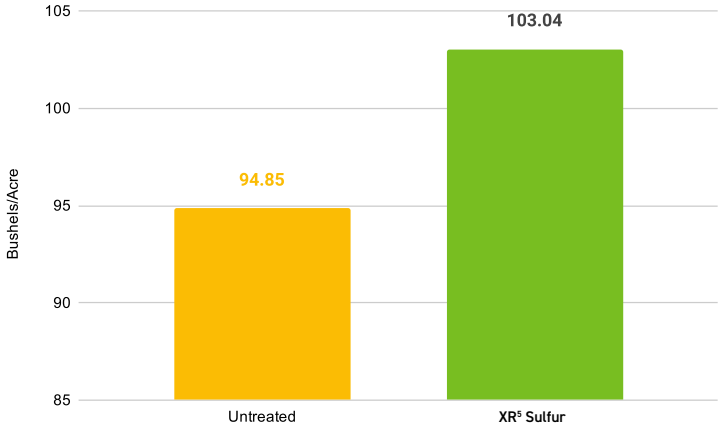
AgXplore FieldRESULTS

PLANT NUTRITION

XR5 SULFUR

XR⁵ Sulfur Foliar Wheat Trial

Results



Objective(s)

- Evaluate the yield response to a foliar application of XR⁵ Sulfur on wheat compared to grower standard untreated wheat.

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: Wheat; Non-Irrigated
YEAR(S): 2020
DATA SOURCE: AgriTech Consulting, Whitewater, WI, USA
CROPPING CONDITIONS: Trials conformed to local cropping practices.
PRODUCT RATES: XR⁵ Sulfur 16 oz/ac
APPLICATION TIMING: Feekes 3.0 & 9.0
APPLICATION METHOD: Foliar Application
VARIETY: FS603
SOIL TYPE: Silty Clay Loam
TILLAGE TYPE: Conventional
PLANTING DATE: 10/01/19
PLANTING RATE: 135 lb/ac
DEPTH: 1"
PLANTING EQUIPMENT: SRES 4 Row Precision Vac
ROW SPACING: 30"
HARVEST DATE: 7/01/2020
FERTILIZER RATES: (Applied 9/30/19) 140 lb/ac 11-52-0, 300 lb/ac 0-0-62; (Applied 4/2/2020) 138 lb/ac 46-0-0, 110 lb/ac 21-0-0-4

Summary

- XR⁵ Sulfur outyielded grower standard untreated corn by 8.21 bu/ac.
- By using XR⁵ Sulfur on corn, yield potential is increased compared to standard growing practices.

8.19
bu/ac

Increase with XR⁵ Sulfur 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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