



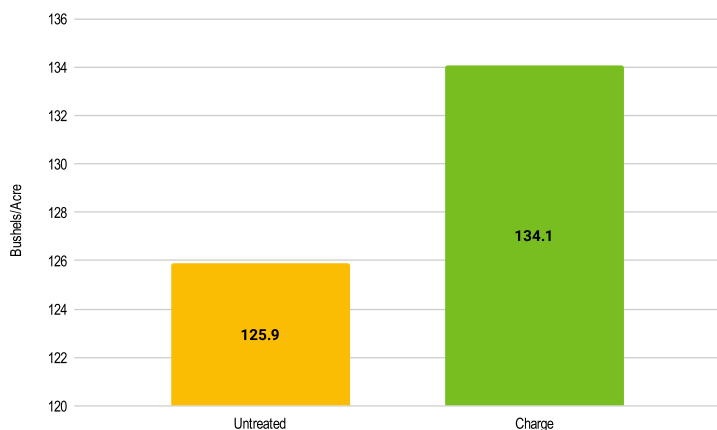
FieldRESULTS

PLANT NUTRITION



Charge™ Corn Foliar Trial

Results



Objective(s)

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

Overview

- Phosphorus is an important macronutrient for corn, especially critical during V3-V5 growth stages.
- P directly influences photosynthetic and respiratory processes.
- Though P is needed most during V3-V5, it is often unavailable within the soil. Thus, foliar applications of P is the most effective during these yield determining growth stages.
- Charge™ is a foliar 8-32-5 nutritional blend and humate package, with nCeption™ and ChelaTech Technology™, that supports nutrient demands and intake during key growth stages, especially focused in phosphorus demand.

Trial Details

Locations and Crop Management:

CROP: Corn; Non-Irrigated

YEAR(S): 2018

DATA SOURCE: University of Missouri-Fischer Delta Research Center, Portageville, MO, USA

CROPPING CONDITIONS: Trials conformed to local cropping practices. Yield averages in the area were below local averages due to a lack of available soil moisture.

RATES: Charge™ (applied at 32 oz/ac)

APPLICATION TIMING: V4

APPLICATION METHOD: Foliar Application

Summary

- Charge™ outyielded untreated grower standard by 8.18 lb/ac.
- By using foliar Charge™ during key growth stages when phosphorus demand is high, yield potential increases.

8.18

bu/ac

Increase with Charge™ 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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