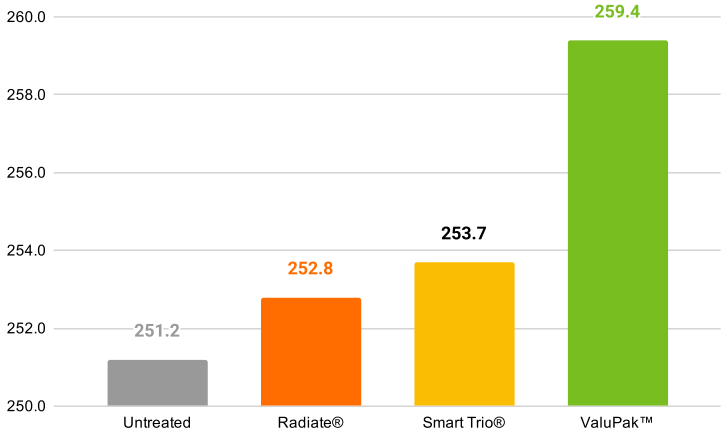
AgXplore FieldRESULTS

PLANT NUTRITION

ValuPak™ Foliar Corn Trial

Results



Objective(s)

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

Overview

- Nitrogen is a major component of chlorophyll and protein synthesis.
- Phosphorus 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.
- Potassium is required to stimulate early growth, increase protein production, and activate enzyme and hormone systems–improving stress responses.
- ValuPak™ is a foliar fertilizer blend with NTake and nCeption Technology™, increasing ease of absorption, delivery, and metabolic processes, and improving plant vigor and plant mass.

Trial Details

Locations and Crop Management:

CROP: Corn

YEAR(S): 2020

DATA SOURCE: Total Soil Management Services, Inc., Catlin, IL, USA

CROPPING CONDITIONS: Trials conformed to local cropping practices.

APPLICATION RATE: Untreated (none); Radiate® (2 oz/ac @ V4 and 14 days after); Smart Trio® (64 oz/ac); ValuPak (12 oz/ac)

APPLICATION TIMING: V4

SEED VARIETY: G13Z50

PLANTING DATE: 5/10/2020

SOIL TYPE: Silt Loam

HARVEST DATE: 10/08/2020

PREVIOUS CROP: Soybeans

Summary

- Corn treated with ValuPak™ outyielded competitive products and grower standard untreated corn.
- By using ValuPak™ foliar on corn, yield potential increases more than using competitive products as well as standard growing practices.

6.15
bu/ac

Average increase with ValuPak™ over competitive products

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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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