



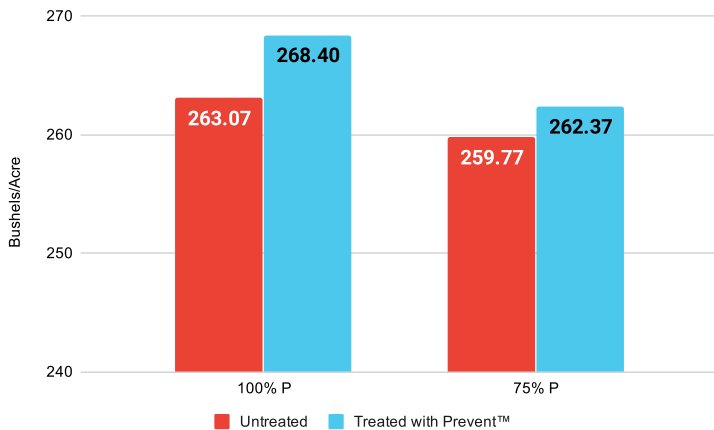
# FieldRESULTS

FERTILIZER MANAGEMENT AIDS



## Prevent™ UAN Nitrogen Corn Trial

### Results



### Objective(s)

- Evaluate the yield response to P treated with Prevent™ on corn compared to grower standard untreated P.

### Overview

- Phosphorus directly influences photosynthetic and respiratory processes.
- P is needed throughout the growing season and is often found unavailable within the soil.
- Only specific forms of phosphorus can be utilized and absorbed by the plant.
- Prevent™ is a phosphorus management aid and fertilizer catalyst specifically designed for dry phosphate impregnation to aid in the utilization and uptake of nitrogen, as well as reduce nitrogen loss.

### Trial Details

#### Locations and Crop Management:

**CROP:** Corn; Non-Irrigated

**YEAR(S):** 2016

**DATA SOURCE:** Dr. Tim Maloney, AgriTech Consulting, Whitewater, WI, USA

**CROPPING CONDITIONS:** Trials conformed to local cropping practices.

**P SOURCE:** 18-46-0

**P RATES:** 100% P and 75% P

**SEED VARIETY:** DKC 47-72

**PLANTING DATE:** 5/3/16

**HARVEST DATE:** 11/18/16

**TILLAGE TYPE:** Fall chisel plow and spring field cultivated

**SOIL TYPE:** Wauconda Silt/Loam

**SEED POPULATION:** 35,000 S/A

**SEED DEPTH:** 2.25"

**PREVIOUS CROP:** Soybean

### Summary

- P treated with Prevent™ outyielded grower standard untreated P on corn.
- By treating P with Prevent™, yield potential increases over standard growing practices.

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bu/ac

Increase with 100% P rate + Prevent™ over untreated grower standard P



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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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