



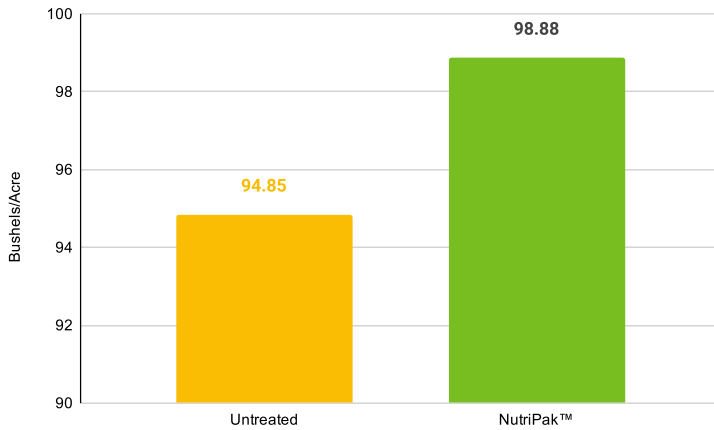
# FieldRESULTS

PLANT NUTRITION



## NutriPak™ Foliar Wheat Trial

### Results



### Objective(s)

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

### Overview

- Nitrogen is a major component of chlorophyll and protein synthesis.
- Phosphorus directly influences photosynthetic and respiratory processes.
- Though P is needed most during Feekes 6-9, 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.
- NutriPak™ is macronutrient 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:** Wheat; Non-Irrigated

**YEAR(S):** 2020

**DATA SOURCE:** AgriTech Consulting, Whitewater, WI, USA

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

**APPLICATION RATE:** 16 oz.

**APPLICATION TIMING:** Feekes 3.0 & 9.0

**PLANTING DATE:** 10/01/19

**PLANTING RATE:** 135 lb/ac

**PLANTING METHOD:** Drill

**DEPTH:** 1"

**PLANTING EQUIPMENT:** SRES 4 Row Precision Vac

**ROW SPACING:** 30"

**HARVEST DATE:** 7/01/20

**FERTILIZER RATE(S):** (Applied 9/30/2019) 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

- Wheat treated with NutriPak™ outyielded grower standard untreated wheat.
- By using NutriPak™ foliar on wheat, yield potential increases more than using standard growing practices.

# 4.03

bu/ac

Increase with NutriPak™ 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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