



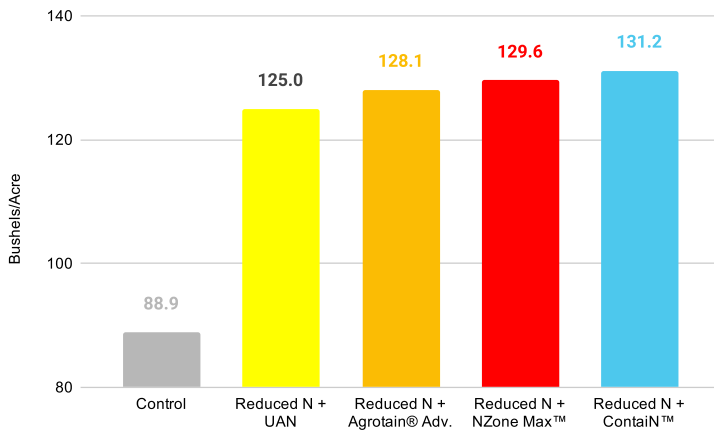
# FieldRESULTS

FERTILIZER MANAGEMENT AIDS



## Reduced Rate UAN NUE on Wheat Trial

### Results



### Objective(s)

- Evaluate the yield response to various nitrogen management aids treated UAN compared to grower standard untreated UAN.

### Overview

- Nitrogen is commonly used in most major commodity crop productions.
- All nitrogen sources are susceptible to loss pathways via the nitrogen cycle.
- Only specific forms of nitrogen can be utilized and absorbed by the plant.
- ContaiN MAX™ is a nitrogen management aid, with XN Technology™, NBPT and microbial package, designed for nitrogen fixation and increased plant uptake.
- ContaiN™ is a nitrogen management aid with XN Technology™ and NBPT specifically focused for use with UAN applications to aid in the utilization and uptake of nitrogen, as well as reduce nitrogen loss.

### Trial Details

#### Locations and Crop Management:

**CROP:** Wheat; Non-irrigated

**YEAR(S):** 2020

**DATA SOURCE:** Wheat Tech, Russellville, KY

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

**N SOURCES AND RATES:** Control (no nitrogen); total of 125 lbs. of N applied (60 + 65 lb)

**PRODUCT APPLICATION RATE:** ContaiN™ 1.5 qt/ton; NZone Max 1.5 qt/ton; Agrotain® Advanced 1 qt/ton

**SEED VARIETY:** AGRIMAXX® 454

**SOIL TYPE:** Silt Loam

**TILLAGE TYPE:** No-till

**PLANTING DATE:** 10/23/19

**PLANTING RATE:** 375 S/YD2

**PLANTING METHOD:** Drilled

**PLANTING EQUIPMENT:** Kincaide® 8-XP

**HARVEST DATE:** 6/24/2020

**HARVEST WIDTH:** 5 ft.

**HARVEST LENGTH:** 20 ft.

**MOISTURE LEVEL:** 13.5

### Summary

- ContaiN™ on average outyielded untreated UAN by 6.8 lb/ac.
- By using ContaiN™ on UAN, yield potential is increased more than using UAN alone or leaving your crop untreated.

# 5.4 bu/ac

Increase with UAN + ContaiN™ over untreated UAN



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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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