

2023 Iowa No Till Corn Trial with Free Phos 2024

The grower planted this field on May 9th. The grower applied 3 gallons of Free Phos 24 per acre in-furrow in strips resulting in a plot size of 16 acres. The other 18 acres of the field received the grower standard treatment of 5 gallons of 6-24-6 per acre in-furrow. All pre and post nutrition applications remained the same between treatments. Upon harvesting October 24th the grower found that the Free Phos 24 treatment resulted in an average yield of 226 bushel per acre while the grower standard resulted in an average yield of 219 per acre. The gross return per acre for the Free Phos 24 treatment was \$1130 per acre while the gross return for the grower standard was \$1095 per acre.

TRIAL DETAILS

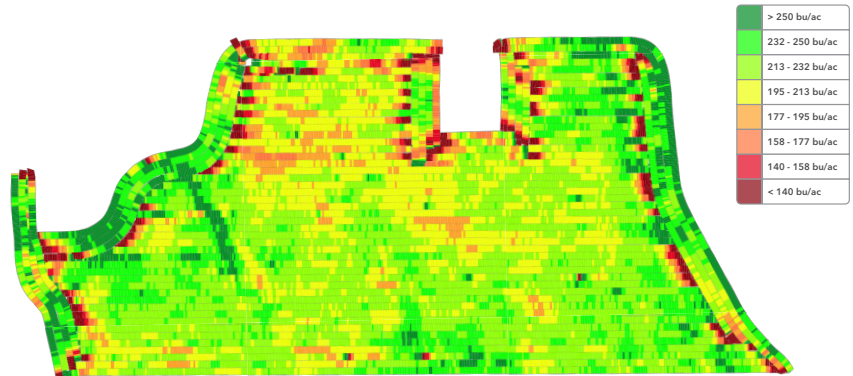
Crop: Corn
Location: Inwood, Iowa
Planting Date: 5/9/2023
Harvest Date: 10/24/2023
Tillage method: Limited Tillage
Variety: P05737V

CHECK

5 gal/acre - 6-24-6 (in-furrow)

TREATED

3 gal/acre - Free Phos 24 (in-furrow)



Yield Map of Whole Field

AVERAGE YIELD

Check Average Yield: 219 bu/acre
Free Phos 24 Average Yield: 226 bu/acre

Gross Return Check v. Free Phos 24



GROSS RETURN

Corn Price: \$5
Check Gross Return: \$1,095/acre
Free Phos 24 Gross Return: \$1,130/acre



Left - 3 gal/acre Free Phos 24 | Right - 5 gal/acre 6-24-6