2023 Ohio Corn Free Phos 24 Trial v. 5-15-5 + B4 + Phenom

FREE pHOS 24

In a trial conducted in Washington Courthouse, Ohio, the grower planted DKC59-82 corn on May 17th and implemented alternating passes with different treatments. One pass involved using 3 gallons of Free phos 24 per acre, while the other pass utilized 3 gallons of 5-15-5 plus B4 plus Phenom per acre. A total of 40 acres were planted with Free phos 24, while an additional 100 acres were planted using standard practice. All pre and post-plant nutrition applications were consistent across treatments.

The results showed that Free Phos 24 led to an average yield of 266 bushels per acre, slightly outperforming the standard practice, which yielded 261 bushels per acre. The field's overall average yield was 255 bushels per acre. The gross revenue for the entire field averaged $1275 per acre. Specifically, the areas treated with the standard practice generated an average of $1305 per acre, while those treated with Free Phos 24 achieved **a higher gross revenue of $1330 per acre**.

TRIAL DETAILS

Crop: Corn
Location: Washington Courthouse, Ohio
Plant Date: 5/17/2023
Harvest Date: 10/10/2023
Variety: :DKC59-82

FIELD

Standard Practice Program

CHECK

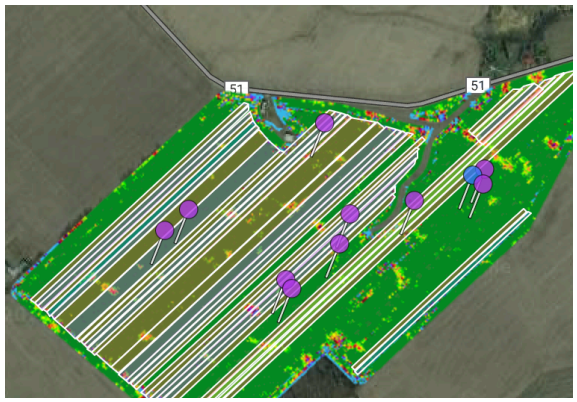
3 gal/acre - 5-15-5 + B4 + Phenom (in-furrow at planting)

TREATED

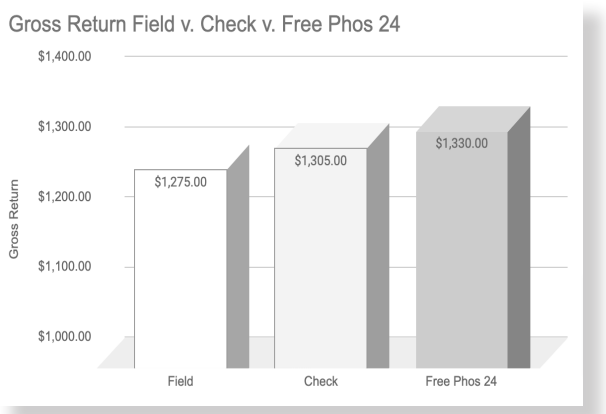
3 gal/acre - Free Phos 24 (in-furrow at planting)

AVERAGE YIELD

Field Average Yield: bu/acre
Check Average Yield: 261 bu/acre
Free Phos 24 Yield: 266 bu/acre



Yield Map of Whole Field



GROSS RETURN

Corn Price: $5

Field Gross Return: $1,275/acre
Check Gross Return: $1,305/acre
Free Phos 24 Gross Return: $1,330/acre

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