2023 Free Phos 24 Corn Trial in Indiana

This trial was conducted in Montpelier, Indiana. The grower employed two distinct nutrient treatments to evaluate their impact on crop yield. Free Phos 24 was applied at a rate of 3 gallons per acre in alternating strips on May 12th, covering a total of 10 acres in-furrow. Simultaneously, the grower followed a standard practice, applying 4.5 gallons of 6-24-6 fertilizer plus 2 quarts of a biological v over 15 acres in-furrow.

It is important to note that pre and post-plant nutrition remained consistent between these treatments. The field was later harvested on November 4th, revealing noteworthy results. The Free Phos 24 treatment yielded an average of 238 bushels per acre, while the grower's standard approach yielded an average of 225 bushels per acre, **giving a 13 bu/acre improvement in yield.** These findings suggest the potential benefits of utilizing Free Phos 24 in optimizing crop yield under these specific conditions.

TRIAL DETAILS

Crop: Corn
Location: Montpelier, Indiana
Planting Date: 5/15/2023
Harvest Date: 9/04/2023
Tillage method: Vertical Tillage
Variety: Hybrid AV649AM

GROWER STANDARD

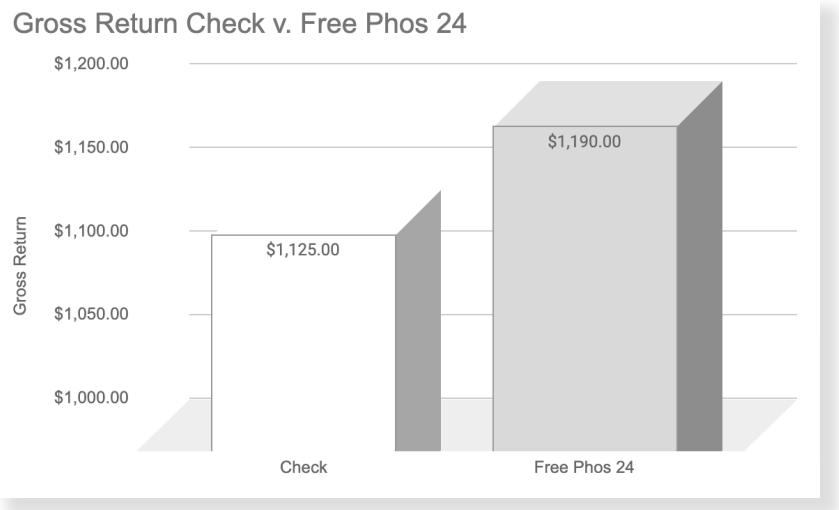
15 acres - alternating strips
4.5 gal/acre - 6-26-6
2 qt/acre - biological rhizosphere

TREATED

10 acres - alternating strips
3 gal/acre - Free Phos 24

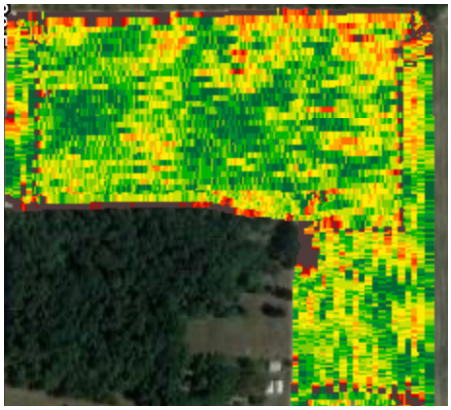
AVERAGE YIELD

Grower Standard Average Yield: 225 bu/acre
Free Phos 24 Average Yield: 238 bu/acre

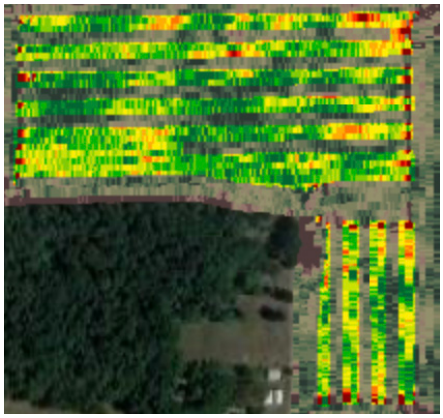


GROSS RETURN

Grower Standard Gross Return: $1,125/acre
Free Phos 24 Gross Return: $1,190/acre



Yield Map of Whole Field



Yield Map of Free Phos 24 Treatment

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