# SCAN TO REVIEW DATA AND TRIALS



DISCOVER THE REASON BEHIND THE TRUST NUTRICHARGE HAS EARNED AMONG 2023 NCGA WINNERS FOR DELIVERING ESSENTIAL PHOSPHORUS TO THEIR CROPS.



16 STATE 1ST PLACE 10 STATE 2ND PLACE

STATE 3RD PLACE

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ENHANCING PHOSPHORUS FERTILIZER EFFICIENCY AND RELEASE OF SOIL PHOSPHORUS NutriCharge® is a breakthrough solution that employs patented chemistry to provide plants with the highest level of phosphorus over an extended period.

- NutriCharge® shields applied phosphorus fertilizers from soil fixation, which preserves more phosphorus for the plant's use.
- NutriCharge® collaborates with the plant to help it access phosphorus that is typically unavailable in the soil, facilitating the uptake of more phosphorus.

# **How NutriCharge works**



Phosphorus is negatively charged and fixes to positively charged nutrients in the soil, making it unavailable to the plant.



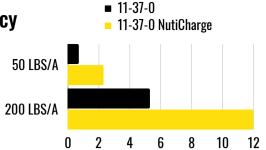
NutriCharge binds to the cations that stick to phosphorus, keeping phosphorus free and available to the plant.

#### **Benefits**

- Ensures a greater return on investment from starter and phosphorus fertilizers
- It helps access and remove locked-up phosphorus in the soil
- Low application rates per acre
- Compatible with most liquids
- Improves the response from biologicals and organic/fulvic acids
- · Low cost and consistent results across all soil types

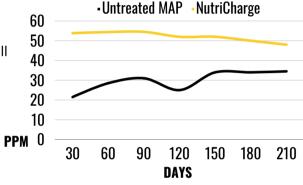
### **Increase phosphorus efficiency**

The NutriCharge-treated fertilizer was found to decrease P-adsorption and increase soluble P in high-pH soils. As a result, it provided over twice as much available soluble P for the plants.



### Increase fertilizer availability all season

MAP is highly soluble, releasing P, which is fixed immediately. NutriCharge keeps P available all season, reducing tie-up and promoting late-season uptake and availability.



#### Helps plants access tied up nutrients in soil



Nutricharge can improve a plant's ability to release phosphorus from the soil and keep it available by limiting free calcium in the root zone, which buffers pH changes from pH-altering products and the plant's natural processes.

# **Application Rates**

Liquid Fertilizer	3.2 oz/acre in furrow 6.4-9.6 oz/acre sidedress/Y-Drop
Dry Fertilizer	0.25 gallons per ton Nitrogen 0.375 gallons per ton N,P,K Blend 0.5 gallons per ton P & K