

# RAPID NUTRIENT UPTAKE FOR STRONGER GROWTH

## BACKGROUND:

When applying foliar fertilizers, it's important for nutrients to enter plant tissues quickly:

1. Often, there is a limited application window, and nutrients must be absorbed before rain washes them away.
2. Additionally, farmers want the plant to respond rapidly & improve its health, ensuring it can reach maximum yield.

## OBJECTIVE:

Evaluate the efficiency of foliar-applied SUPER PHOS.

## MATERIALS & METHODS:

A greenhouse study assessed the speed at which foliar-applied SUPER PHOS raises plant phosphorus levels.

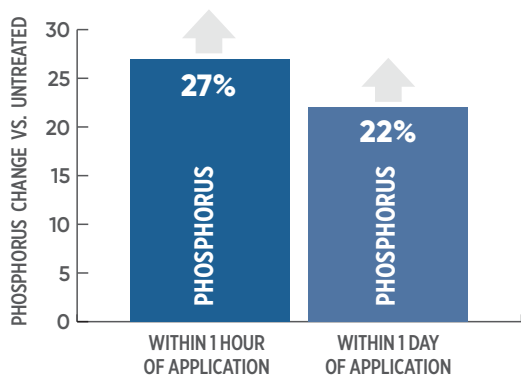
- Corn at the V4 stage was sprayed with equivalent rate of 2 qts/ac of SUPER PHOS and compared to a control with no application.
- Leaf samples were collected before application, 1 hour after application, and 1 day after application.
- All samples were sent to Waypoint Analytics for tissue analysis, and the results were analyzed and compared.

## RESULTS:

- SUPER PHOS **increased phosphorus** levels by **27% within 1 hour** and by **22% after 1 day**. (Graph 1)
- As plants grew and utilized phosphorus, levels gradually declined.
- SUPER PHOS powered by Micro Carbon Technology® (MCT)\* boosts leaf phosphorus in just 1 hour while also enhancing the movement of other key nutrients: (Graph 2)
  - **Enhanced nutrient flow:** Unlocks the movement of key nutrients like nitrogen, zinc, and sulfur for healthier, more balanced growth.
  - **Total Plant Support:** Moves more than just phosphorus, helping your crops absorb and use overall nutrients more efficiently.

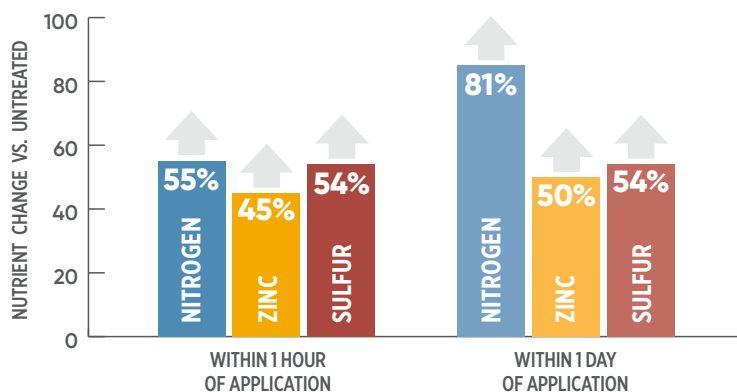
GRAPH 1

SUPER PHOS® RESPONSE TIME



GRAPH 2

KEY NUTRIENT MOVEMENT WHEN USING SUPER PHOS



\*Huma's liquid products feature a proprietary blend of Humic & Micro Carbon Technology, natural biostimulants, and essential nutrients. Each formulation is tailored to its category for optimal performance and results.

