

## MICROBIAL SOIL INOCULANTS



Multi-year data from over 28 replications across 4 states showed a  
**+11.3 bu./ac. increase in corn**  
**+3.0 bu./ac. increase in soybean**

### About KaPre® AG PLUS WSP

The microorganisms contained in KaPre® AG PLUS WSP has been shown to increase nutrient availability, enhance nutrient cycling, as well as improve soil structure and support root development.

### KaPre AG PLUS WSP Microbes are

#### Durable and sustainable:

All are spore formers, which can survive adverse conditions such as heat, cold, low/high pH, etc.

#### Rhizosphere competent:

All were sourced from the soil, so they can thrive in soil.

#### Quality Assured:

All are professionally fermented, identified through DNA analysis and backed by Certificate of Analyses documenting cfu/gram counts.

#### Prolific Enzyme Producers:

Together, they produce a wide range of beneficial enzymes and bio-active compounds that offer plant health benefits.

### What to Expect

- A more vigorous soil ecosystem
- Higher Cation Exchange Capacity (C.E.C.)
- Enhanced root development, germination rates and stress tolerance
- Faster nitrification process for better uptake of nitrogen
- Nitrogen fixation to supplement applied nitrogen
- Enhanced stress tolerance
- Quicker recovery from pathogen attack
- Prevention of excessive hydrophobic organic matter

### ACTIVE INGREDIENTS

5.3 X 10<sup>9</sup> cfu *Bacillus amyloliquefaciens* per gram  
 2.4 X 10<sup>9</sup> cfu *Bacillus licheniformis* per gram  
 1.1 X 10<sup>9</sup> cfu *Bacillus megaterium* per gram  
 4.5 X 10<sup>9</sup> cfu *Bacillus subtilis* per gram  
 1.0 X 10<sup>7</sup> cfu/gram *Trichoderma atoviride*

**Inactive Ingredients:** Sucrose based culture medium

KaPre AG PLUS WSP contains the addition of *Trichoderma*, which is shown to increase phosphate solubilization, improve break down of thatch/cellulose and more.

### Application Instructions

#### Soil and Foliar Applications:

Add 0.15 to 1.0 ounces per gallon of spray solution to a clean spray tank. Agitate solution and maintain agitation during application. Apply at planting and every 2-4 weeks during the growing season.

### In the Field



Left: n-tro PLUS  
 Right: n-tro PLUS and KaPre AG PLUS WSP