

(0-0-3+1.5% S & 1.5% Zn) FERTILIZER ADDITIVE

About KaPre® IMPACT

KaPre IMPACT fertilizer additive is formulated with PERFORMANCE® Organic Acids, extracted from Leonardite via a proprietary process. It also contains a biodegradable sequestering agent, proteins, and, disaccharide and polysaccharide oligomers known as useful natural growth promoting substances.

KaPre IMPACT is our standard treatment for all granular fertilizers. Not only does it provide a food source for microbes to naturally breakdown fertilizer prills and make nutrients available faster, but the organic acids also work to increase CEC and to provide nutrient “parking spaces” ensuring nutrients are plant-available when the plants need them.

Benefits of KaPre IMPACT

- Increases plant root depth and mass.
- Enhances soil conditions and nutrient availability.
- Improves cation exchange in soil solutions.
- Provides nutrition for native microbial populations.
- Improves the water holding capacity of the soil.
- Strengthens cell walls.
- Provides potassium, sulfur and zinc.
- Supports the plant’s immune response.
- Enhances drought, disease and stress tolerance.

Application Instructions

KaPre IMPACT can be sprayed on dry fertilizer granules at a rate of 2 to 4 quarts per ton of fertilizer.

 **Only 30% of the P from MAP or DAP and only 50% of the K from potash will be available to the plant the first year after application?**

GUARANTEED ANALYSIS

Soluble Potash (K₂O).....3.0%
 Sulfur (S).....1.5%
 Zinc (Zn).....1.5%

1.5% Chelated Zinc (Zn)

Derived from: potassium hydroxide, zinc sulfate, zinc EDTA and zinc IDS.

NON-PLANT FOOD INGREDIENTS

Humic Acids15%

Fertilizer Leaching Experiment

SOIL DATA

(Fertilizer Treated w/ KaPre IMPACT vs. Fertilizer Only)

11.8%

More
Plant-available
Phosphorus (P)

13%

More
Plant-available
Potassium (K)

LEACHATE WATER DATA

(Fertilizer Treated w/ KaPre IMPACT vs. Fertilizer Only)

40%

Less Loss of
Phosphorus (P)

59%

Less Loss of
Potassium (K)

Third-party research showed that after a 4.5” simulated rainfall event, soil applied with fertilizer treated with KaPre IMPACT contained 3.5% more plant-available P, and 13% more plant-available K. That same soil lost 40% less P and 59% less K through leaching compared to fertilizer only.

Nitrogen Stabilization Experiment

SOIL DATA

(Urea Treated w/ KaPre IMPACT vs. Urea Only)

6%

More
Total Nitrogen (N)

125%

More
Ammonium-N (NH₄)

Third-party research showed that after a 4.5” simulated rainfall event, soil applied with urea treated with KaPre IMPACT contained 6% more total N and 125% more ammonium-N (NH₄) compared to urea alone.