

## GUARANTEED ANALYSIS

Available Phosphate ( $P_2O_5$ ).....31%  
Soluble Potash ( $K_2O$ ) .....50%

## HOW DOES IT WORK?

**diKaP** is unique in its ability to promote phenolic compound production.

## WHAT IS DIKAP?

**diKaP** is a reacted plant nutrient high in potassium and phosphate.

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## KEY PRODUCT BENEFITS

1. Reduces oxidative stress. **diKaP** is particularly beneficial with extremes in temperature and water stress.
2. **diKaP** is a high-efficiency potassium and phosphate plant nutrient.
3. **diKaP**, along with balanced plant nutrition, complements integrated nutrient management practices to reduce environmental stress.

## MOST EFFECTIVE USE

**diKaP** can be applied through any controlled irrigation system or directly to the soil.

### SOIL APPLICATIONS

Apply at a range of 2 to 6 pounds per acre per application.

### FOLIAR APPLICATIONS

Apply at a range of 0.5 to 4 pounds per acre depending upon crop requirements and water volume.

Frequency, rate, and quantity of applications depends upon specific crop requirements.

# diKaP

## RELEVANT TERMS

**ANTIOXIDANTS** - Neutralize the negative effects of oxygen-free radicals.

**BALANCED PLANT NUTRITION** - Improves the quantity and ratio of antioxidants in plants, correlating to better recovery from stress.

**COMPLEXING** - Reaction with an anion or monovalent cation for the purpose of preventing undesirable reactions.

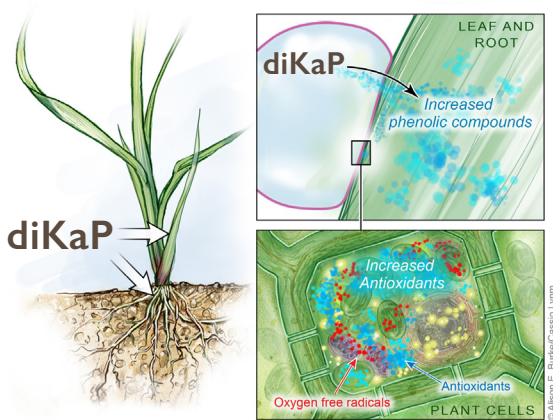
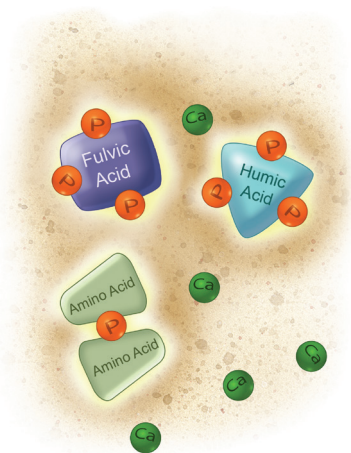
**ENVIRONMENTAL OXIDATIVE STRESS** - The accumulation of excess oxygen-free radicals in plants. Excessive oxygen-free radicals cause premature cell degradation.

**OXYGEN-FREE RADICALS** - Cause cell damage.

**PHENOLIC COMPOUND** - A specific type of antioxidant.

**PHOSPHORUS** - Energy production in plant cells.

**POTASSIUM** - Facilitates water and nutrient movement in the plants.



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