



# Water-soluble Potassium

FortiK™ is a foliar-applied, quick absorption potassium. Water-soluble for easy mixing and application in any insecticide, fungicide or herbicide program, FortiK helps to increase drought tolerance. Avoid stunting and green-leaf loss by applying prior to plant stress. FortiK is low-salt for plant-safe application.

*Available in 275 U.S. gallons and bulk.*



## INGREDIENTS AND DIRECTIONS FOR USE



Photos courtesy of International Plant Nutrition Institute

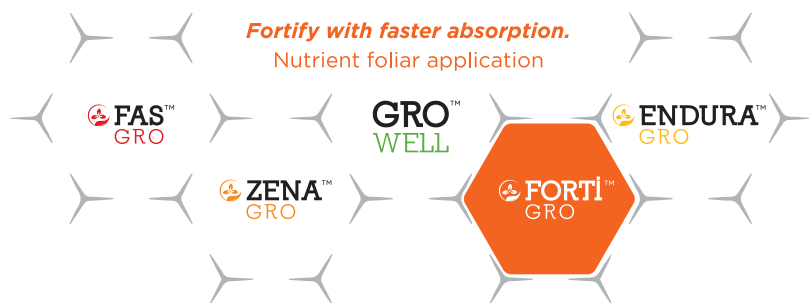
### GRADE: 0-0-24 ACTIVE INGREDIENTS

Soluble Potash (K<sub>2</sub>O).....24%  
Derived from: Potassium Acetate

**FOLIAR APPLICATION:** Fill spray tank with water prior to adding fertilizer or other products. Repeat applications may be beneficial. Use of a surfactant may enhance leaf coverage and increase nutrient absorption.

**FOLIAR RATE:** 0.5-4 gal. per acre

Always read and follow label directions. Use in accordance with recommendations of a qualified individual or institution or an approved nutrient management plan and / or soil and / or tissue test. Always test for compatibility prior to application. May cause plant damage if applied above the recommended rates. Do not apply when crop is excessively stressed for moisture or during periods of high temperatures. Use only as a supplement to a regular nutrient management program.



# LEGION BIO CHEM

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## WHY LEAF-APPLY?

Increasing nutrient availability helps a plant maintain growth during difficult growing conditions. Foliar application is an efficient way to apply nutrients after initial plant growth to stimulate continued strong growth. An influx of nutrients through leaf application triggers the plant to seek additional nutrients which encourages root growth, allowing the plant to further absorb important soil-based nutrients.

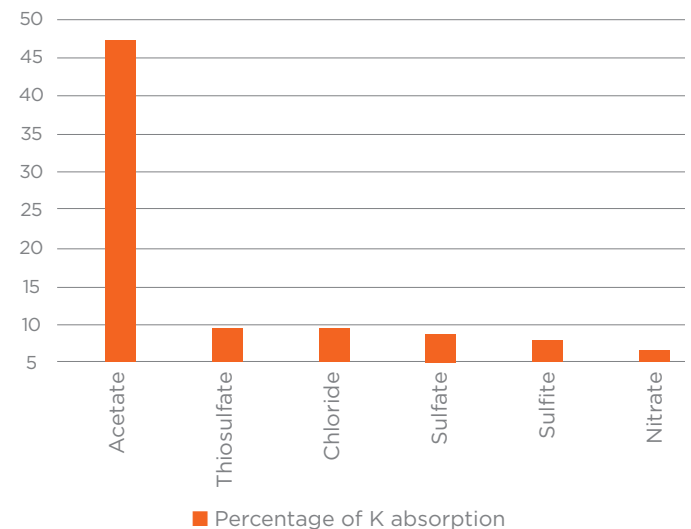
## THE VALUE OF FORTiK

FortiK is specially formulated for not only easy mixing and handling, but also maximum plant uptake. Potassium stimulates root development and overall plant strength. It is also critical for photosynthesis and seed formation to increase seed quality and yield potential.

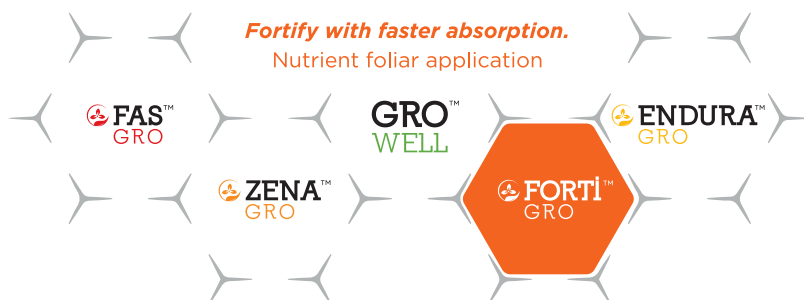
FortiK is derived from acetate, a naturally occurring metabolite, that works symbiotically in the plant with other naturally occurring soil microbes to encourage uptake and absorption. Compared to other organic carriers, acetate has proven to provide the highest absorption. Paired with maximum coverage through foliar application, FortiK with organic acetate further enhances the absorption of the included potassium for maximum plant benefit.

### Percentage of potassium absorption in soybean leaves

The foliar absorption of potassium after 48 hours from organic and inorganic K carriers



Journal of Plant Nutrition, 9(2), 143-157 (1986).



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