K-Mag® Insight

APPLES AND TREE FRUIT



# Higher Yields are Available With K-Mag® Fertilizer

### The K-Mag Advantage

Provides a balance of naturally combined potassium (K), magnesium (Mg) and sulfur (S) — all in one granule.

### FEATURES

- 3-in-1 Nutrient Source
- Low Chloride
- Water Solubility
- pH Neutral

### BENEFIT

- Higher Yield and Profitability

## Why K-Mag?

The shortage of just one essential nutrient can shortchange tree fruit yields and quality. Growers can optimize yields and maximize profits by providing a balanced soil fertility program that ensures all 17 essential nutrients are available to plants.

K-Mag fertilizer provides three essential nutrients in a highly available and soluble form. Available in PREMIUM, GRANULAR and STANDARD grades, K-Mag provides 21–22% potassium ($K_2O$),10.5–11% magnesium (Mg) and 21–22% sulfur (S).

Also known as langbeinite or potassium magnesium sulfate, K-Mag is sourced from ore beds deep beneath the earth's surface, where an isolated lake of ocean water once existed. Langbeinite is an evaporite mineral but becomes soluble upon soil application.

## Increase Tree Fruit Yields

Tree nutrition is probably the most important factor in a successful orchard operation. Studies show K-Mag can:

- Improve leaf tissue K concentration
- Increase soil K levels
- Maintain leaf Mg levels
- Increase soil Mg levels
- Increase fruit size; and
- Decrease incidence of disease

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## Potassium (K)

Tree fruits demand high levels of potassium. Often called the "quality nutrient," K contributes to fruit color, winter hardiness, tree growth and disease resistance. Potassium helps produce large, juicy fruit and helps reduce bitter pit. Potassium also is responsible for water status and acidity levels, two factors that can greatly affect fruit taste.

## Magnesium (Mg)

High K inputs can inhibit magnesium uptake, and Mg deficiency is becoming more evident in many orchards. Without Mg, plants can't photosynthesize, and important carbohydrates and proteins aren't produced. Magnesium deficiencies can cause small-fruit and premature fruit drop. K-Mag provides a balanced supply of soluble Mg, S, and K for maximum nutrient uptake.

## Sulfur (S)

Sulfur encourages initial root development, increases fruit production, promotes stronger, more robust plants, and helps protect against mildews. The S provided by K-Mag does not lower pH, unlike other S sources.

Ensure your tree fruit has all the nutrients it needs to thrive. Contact us today to learn about adding K-Mag to your balanced crop nutrition program.

**KMAG.COM**
**1-877-BUY-KMAG (1-877-289-5624)**

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