K-Mag® Insight

CITRUS



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 citrus 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 sulface, where an isolated lake of ocean water once existed. Langbeinite is an evaporite mineral but becomes soluble upon soil application.

Increase Citrus Yields

Successfully growing a high-quality citrus crop on a range of soil conditions requires increased nutritional management. In addition to soils that are naturally low in K and Mg, soils with high calcium (Ca) levels may further suppress K and Mg uptake, making it difficult to maintain a proper balance of soil nutrients. K-Mag helps provide K and Mg in the appropriate balance, providing improved transportation of sugars into the fruit.

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Potassium (K)

Citrus fruits remove large amounts of potassium compared with other nutrients. On sandy, well-drained soils, K removal rates can approach 1.25 times that of nitrogen (N). Potassium is highly recognized for its impact on fruit quality, contributing to fruit formation and enhancing fruit size, flavor and color. Alternatively, K deficiency can lead to disease problems, reduced fruiting and early fruit drop.

Magnesium (Mg)

Magnesium deficiency is common in citrus orchards. The familiar "bronzing" effect of mature leaves is a signal to growers that fruit has stripped Mg from the leaves. Magnesium-deficient citrus plants easily drop leaves in unfavorable conditions such as cold weather and water stress. The defoliated twigs become weak, and ultimately lead to reduced fruit production. It is critical to maintain Mg levels for long-term tree health and productivity. K-Mag provides a balanced supply of soluble Mg, S, and K for maximum nutrient uptake.

Sulfur (S)

Citrus crops demand Sulfur in proper balance with nitrogen. Sulfur is a key element in proteins, and is vital to vitamin synthesis. If adequate S is not supplied with N, deficiency symptoms may appear as a yellowish color in leaves, and stunted growth.

Ensure your citrus crop has all the nutrients it needs to thrive. Contact us today to learn about adding K-Mag to your balanced soil fertility program.

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

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