



## Higher yields are available with K-Mag<sup>®</sup> fertilizer



### **K-Mag<sup>®</sup> Features and Benefits:**

- *Uniform distribution of three essential nutrients across your field*
- *100% water solubility of K, Mg and S*
- *Low-chloride source of potassium for crop safety*
- *Higher yields 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<sup>®</sup> fertilizer provides three essential nutrients in the highly available sulfate form. Available in PREMIUM, GRANULAR and STANDARD grades, K-Mag provides 21–22% potassium (K<sub>2</sub>O), 10.5–11% magnesium (Mg) and 21–22% sulfur (S).

### **Increase citrus yields**

Successfully growing a high-quality citrus crop on Florida's calcareous soils requires increased nutritional management. While these soils often are naturally low in K and Mg, the high calcium (Ca) levels 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.

### *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). K 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 rampant in citrus orchards. The familiar “bronzing” effect of mature leaves is a signal to growers that fruit has stripped Mg from the leaves. Mg-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 readily available soluble source of magnesium, and it supplies K and Mg in the proper balance.

### *Sulfur (S)*

Citrus crops demand Sulfur in proper balance with nitrogen. S 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 your local K-Mag dealer or visit **KMAG.com** today to learn about adding K-Mag to your balanced crop nutrition program.