



Higher yields are available with K-Mag[®] fertilizer



K-Mag benefits

Supplies essential nutrients often overlooked by traditional NPK programs

Virtually 100% water-soluble – K, Mg and S are immediately available to crops

No risk of fertilizer burn thanks to low chloride levels and a low salt index

Helps boost yields without affecting soil pH

Typical broadcast rates are 150-300 lbs/A, but soil analysis should direct usage. Additional K may be required.

Why K-Mag?

The shortage of just one essential nutrient can shortchange potato 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 the highly available sulfate 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, potassium magnesium sulfate, or double sulfate of potash, K-Mag is sourced from ore beds deep beneath the earth's surface, where an isolated lake of ocean water once existed. Langbeinite, an evaporite mineral, is one of the most soluble salts in the ocean.

Increase potato yields

Whether chippers, bakers or fry guys, top quality potatoes require a ready source of essential nutrients to sustain rapid growth. In addition to removing large amounts of nitrogen (N), phosphorus (P) and K from the soil, potatoes have been shown to respond very favorably to the added Mg and S provided by K-Mag. K-Mag rates of 300 lbs/A have been shown to dramatically increase yields of higher quality potatoes, increasing grower profits. Regular soil tests will help determine proper application rates.

K-Mag supplies three essential nutrients, without affecting soil pH.

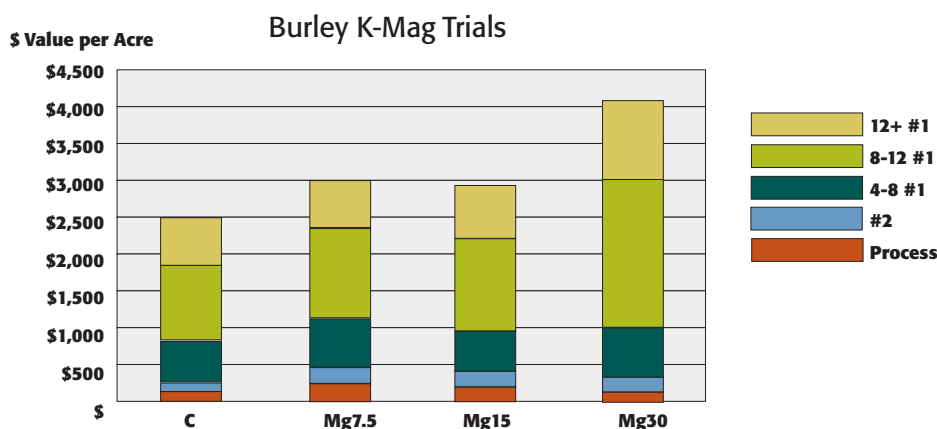
Potassium (K)

Potatoes require high amounts of applied K. Research shows that added K influences a number of desirable baking and chipping traits, including higher specific gravity, reduced bruising and improved storage quality. Adequate K nutrition also helps improve the shelf life of potatoes for the fresh market.

Magnesium (Mg)

Mg is a pivotal nutrient determining potato quality. Mg has been shown to increase potato firmness, improving storing, baking and processing quality.

Mg from K-Mag increased tuber quality in Idaho trials



Even when soil tests show sufficient Mg levels, additional Mg applications may be beneficial, according to a nine-year study conducted in the Pacific Northwest. K-Mag applications of 20+ lbs/A produced a 3.05 ton/A increase in useable potatoes. Overall yield increased from 31.43 to 33.20 tons/A, and quality premiums added \$13/per ton, or \$368/A. K-Mag provides a readily available soluble source of Mg, and it supplies K and Mg in the proper balance.

Sulfur (S)

S applied in-furrow has been shown to decrease infection by common scab and black scurf. K-Mag provides S in the sulfate form, so the nutrient is immediately available to the crop.

Ensure your potato 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



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