

K-MAG BRIEFS™

Brought to you by IMC Global — Producers of Quality Crop Nutrients

For High-Yielding, High-Quality Peanuts

An excellent 3-in-1 source of K, Mg and S

All nutrients are in the readily-available, water-soluble sulfate form

Does not affect soil pH

Low chloride

Peanuts are demanding crops, returning scant nutrients to the soil. High-yielding peanuts require a long-term, balanced fertility program. Developing fertile soil throughout the root zone is crucial for optimum performance. But, fertilizing soils just prior to peanut planting is not always successful because peanuts are extremely sensitive to fertilizer-burn. Naturally low in chloride, K-Mag eliminates this risk while providing essential nutrients.

A product of mineral earth extracted from deep below the New Mexico soil surface, K-Mag is a naturally occurring source of potassium (21-22% K₂O), magnesium (10.5-11% Mg) and sulfur (21-22% S) — all essential nutrients for peanut production. All the nutrients in K-Mag are in the highly available, water-soluble sulfate form.

Each nutrient in K-Mag plays a critical role in peanut production:

Potassium (K)

K is one of the major nutrients necessary for peanut production. However, an imbalance of K can interfere with both Mg and Ca uptake, two other vital peanut nutrients. K-Mag helps supply essential nutrients in the appropriate balance so optimum quality and yield can be achieved.

Magnesium (Mg)

Mg deficiencies can drastically reduce peanut yield. As the heart of the chlorophyll molecule, Mg is necessary for photosynthesis to take place. If photosynthesis is inhibited,

yields and quality can be severely compromised.

Sulfur (S)

As a component of three different amino acids, S is fundamental to protein formation. S deficiencies can stunt growth and lead to poor yields. Years of traditional N-P-K fertilization programs, often lacking in S, have led to increasing deficiencies of this nutrient worldwide.

Peanut Nutrient Utilization

	lb/A		
	K ₂ O	Mg	S
4,000 lb/A	185	25	21

Peanuts require large amounts of K, and smaller amounts of Mg and S. K-Mag supplies these three nutrients in the appropriate balance to help ensure essential nutrients needs are met.

Summary of Benefits

K-Mag is the fertilizer choice that supplies critical nutrients, like Mg and S, often overlooked by traditional N-P-K programs.

Unlike other fertilizers, K-Mag is virtually 100% water-soluble, so it is immediately available to crops. Yet, K-Mag Granular dissolves gradually.

K-Mag eliminates any chance of fertilizer burn from its nutrients since its unique traits include low chloride levels and a low salt index.

As a neutral salt, K-Mag boosts yields without decreasing soil pH.

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

If your peanut crop needs a boost in yield and quality, it may be time to incorporate the benefits of K-Mag into your fertilization program. Contact your fertilizer dealer today to learn more about K-Mag.

