

KMS Background



KMS Fertilizer originates from the Qaidam Basin in northwest China's Qinghai Province, well known for its old lake bed resources. Potassium rich brine is extracted from reserves beneath the lake and refined into a high-quality potassium magnesium sulphate called "SCHOENITE" which is imported and marketed by Kismet International Pty. Ltd. as KMS Fertilizer.

KMS Fertilizer is soluble and a highly bio-available form of Potassium, balanced with Magnesium to aid in chlorophyll production and with Sulphur which assists enzyme activation. KMS is extremely low in chlorides and offers rapid dissolution of available nutrient value.

The continuous release rate (dissolves slowly) of Potassium, Magnesium and Sulphur reduces and resists leaching losses making it a highly effective, nutrient efficient fertilizer with good environmental performance.

As no chemicals are added during the process, the KMS product is a natural fertilizer with B.F.A. certification (BFA-309MI) = Sound Agronomic Integrity.



Raw Schoenite



*Kismet International Pty. Ltd.
for and on behalf of*

*GUANO AUSTRALIA PTY. LTD.
ABN 61 074 053 026*

*4 Schwartz Street Buderim
QLD 4556 Australia*

*Tel: 07 5445 5300
Fax: 07 5476 6400*

*sales@kmsfertilizer.com.au
www.kmsfertilizer.com.au*

Available from:



100% Natural Fertilizer

Your fully soluble
Natural nutrient solution

Three essential nutrients
Potassium (K) 20%
Sulphur (S) 16%
Magnesium (Mg) 7%



Features & Benefits

- A natural product free of chemical additives; environmentally friendly.
- The unique 3 in 1 combination helps maintain nutrient balance particularly where high analysis fertilizers don't replace magnesium and sulphur lost from soil each year.
- Particularly suited for horticultural crops and dairy pasture as either direct application or in blends to enhance the effectiveness of the other fertilizers and animal nutrition in the cases of dairy pastures where soil tests indicate deficiencies.
- Low magnesium levels means KMS is more suitable to greater range of soil types across Australia.
- Important to maintain a proper balance between Mg and K in soils and plants. There is a strong antagonistic effect of potassium on plant absorption of magnesium.
- KMS can readily replace traditional potassium based fertilizers such as MOP with the advantage of reduced chloride levels (50% vs 1.5%).
- Low Chloride levels helps prevent the build up of salts in soils; beneficial to potatoes and other Chloride sensitive crops.
- Suitable for blending with a range of other types of fertilizers such as Guano Gold-Kwik Start, AmSul, DAP, MAP, MOP, SOP & other related products.
- Available in 25kg Bags, 1MT Single Trip Bulka Bags and in Loose Bulk.
- Low in heavy metals (Cadmium, Mercury, Lead); meets Australian Standards.

Key Crops

PASTURES	BROADACRE	TREE CROPS
Grass	Cotton	Citrus
Clover	Cereals	Nuts
Lucerne	Corn	Tropical
	Sorghum	Stone
	Rice	Pom Fruit
	Sugarcane	

HORTICULTURE

GRAPES	TUBERS	PULSE/OIL BEARING SEEDS
Table	MELONS	Soybeans
Wine	BEANS	Chickpea
	BRASSICAS	Mungbeans
	TOMATOES	Peanuts
	FRUIT	Sunflower
	VEGETABLES	Canola



NUTRIENT CHARACTERISTICS

Potassium

- Required for synthesis of proteins and starch.
- Activates enzymes to stimulate chemical plant processes
- Improves crop yields and quality and is essential for fruit formation

Sulphur

- Vital for protein and amino acid formation
- Promotes enzyme activation
- Important for high oil content crops

For a more detailed comprehensive report please refer to your nearest KMS dealer or check out the KMS web sites:
www.kmsfertilizer.com.au or www.kmsfertilizer.com

Magnesium

- Enhances Enzyme Formation
- Enhances phosphate adsorption
- Essential for chlorophyll production and photosynthesis
- Key Nutrient in plant uptake of other nutrients alongside Silica

KMS = Yield & Quality = Sustainability = VALUE = Profitability