

CERTIFIED ORGANIC



**P: 12.6% S: 11.0% Ca: 26.2% Si: 24.8%**

**Phosphorus - Sulphur - Calcium - Silica**

### FEATURES & BENEFITS

90% Citrate Soluble Phosphorus [P].  
Fast & slow release of Phosphorus.  
12.6% Total P.  
11.0% Elemental Sulphur.  
26.2% Calcium.  
24.8% Silica.  
0.4% Zinc.  
8.6% Organic Carbon.  
Full range of trace elements.  
High CEC; 129Me/100g.  
Bulk Density, 1.5 MT per m<sup>3</sup>.  
Granulated (2-5mm) easy to handle & spread through all planters airseeders, combines & stool splitters.  
30m Spread Rate. Airseeder & spreader tested & proven.  
Minimal cadmium & mercury content.  
Suitable for blending with all other types of fertilisers (except urea).  
Performs very well agronomically.  
Environmentally friendly.  
Natural Organic Product.  
Australian Organic Registered Farm Input 309.  
No odour guano organic fertiliser.

**24.8% Silica** in the form of a mono Silica Acid is taken up by the plant with water uptake and is deposited in the cell walls. This gives the plant a considerable increase in stem strength while providing a mechanical barrier to both fungal infection and water loss. Like Sulphur, Silica has a function in the soil chemistry as well as the plant. Free Silica in the soil will displace Phosphorus that is bound to Iron, liberating plant available Phosphorous while producing an Iron Silicate.

### NATURAL FERTILISER APPLICATIONS

Broadacre - cereals and other winter / summer crops  
All types of horticulture and agriculture  
Pasture - Beef, dairy and sheep  
Viticulture  
Fruit and vegetables  
Forestry  
Bananas  
Citrus and tropical fruit  
Cotton  
Olives  
Ornamental  
Pulse Crops  
Rice  
Sugar  
Turf

### **POTASSIUM 20%**

- ▶ 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 16%**

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

### **MAGNESIUM 7%**

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

### **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 fertilisers 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 fertilisers 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 fertilisers 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 fertilisers such as Guano Gold-Kwik Start, AmSul, DAP, MAP, MOP, SOP & other related products.**

**Available in 1.25MT Jumbo Bulka Bags.**

**Low in heavy metals (Cadmium, Mercury, Lead); meets Australian Standards.**

**GUANO AUSTRALIA**

PRODUCTS AVAILABLE NATIONWIDE.  
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