



**P: 8.45% K: 1.68% S: 1.5% Mg: 0.63% Ca:25.8% Si: 11.3%**

Phosphorus - Potassium - Sulphur - Magnesium - Calcium - Silica  
plus Trace Elements

### INFORMATION

- Plant available Phosphorus, Potassium, Sulphur, Calcium, Magnesium & Silica in a single product derived from micronized Guano Gold® & KMS Fertilizer®.
- Offering a unique blend of Phosphorus & Calcium derived from seabird Guano combined with Potassium, Magnesium & Sulphur to enhance photosynthesis, energy transfer & assist in the formation of sugars & starches for plant protein development & cell division.
- Silica component is important to improve the plant's response & resistance to biotic & abiotic stress such as disease, insects, heat & cold.

### BENEFITS

- Australian Organic Registered Farm Input 309.
- A natural source of liquid Phosphorus, Potassium, Sulphur, Magnesium, Calcium & Silica.
- Suitable for fertigation & foliar.
- Contains a surfactant to assist in foliar application.
- Contains a range of trace minerals including useful levels of Zinc & Manganese.
- Easy convenient application.

### TYPICAL ANALYSIS (W/V)

Total Phosphorus (P)	8.45%
Phosphorus (P) (citrate soluble)	6.35%
Phosphorus (P) (citrate insoluble)	0.9%
Phosphorus (P) (water soluble)	1.2%
Total Potassium (K) (as organic)	1.68%
Sulphur (S)	1.5%
Magnesium (Mg)	0.63%
Calcium (Ca) as phosphate	25.8%
Silica (Si)	11.3%
Manganese (Mn)	3040ppm
Iron (Fe)	8430ppm
Zinc (Zn)	971ppm
Copper (Cu) 162 mg/L	298ppm
SG	1.514
pH	7.5
<b>Appearance: Thick, dark brown liquid</b>	



## APPLICATION RATES

### Fertigation:

10 L/ha as required.

### Soil Ameliorant:

15-30L/ha as required.

### Foliar Spray:

#### Broadacre Crops Cereals & Legumes

2 to 4L/ha in minimum of 75 L water. Ensure good agitation. For high application rates increase water rate to 100 L of water.

#### Lucerne & Pasture

2 to 6 L/ha to minimum of 75 L water ensure good agitation. For high application rates increase water rate to 150 L of water. Ensure good agitation.

#### Orchards, Berries & Vineyards

3 to 5 L per minimum of 300 L water up to 10 L/ha equivalent. Apply every 4-6 weeks or as required.

#### Vegetables

2 L per minimum of 300 L water up to 5 L/ha equivalent. Apply weekly or as required.

#### Ornamentals & Turf

4 L per minimum of 300 L water up to 10 L/ha equivalent. Apply every 4-6 weeks or as required.

#### Home Garden Application

Dilute 50 mL per 9 L watering can and apply the diluted mix at a rate of 1 to 1.5 L per square metre. This diluted mix can also be poured over foliage. Repeat every 2-4 weeks or as required.

## STORAGE & HANDLING

- Store out of direct sunlight in a cool dry area.
- Do not store in diluted form.
- Guano Liquid Gold® with KMS Fertilizer® products are heavy and every care should be taken when handling these products to avoid injury.
- Do not swallow.
- The spray from this product may act as an irritant.
- Avoid inhalation and contact with the eyes and skin.
- Product in 1000 Litre IBC tanks weighs over 1 tonne. Forklift with 2 tonne lifting capacity is recommended.

## MIXING & APPLICATION INSTRUCTIONS

Circulate well in container before use & maintain constant agitation.

**IMPORTANT:** Guano Liquid Gold® with KMS Fertilizer® is a very heavy & dense product at SG 1.514, therefore it is advised to use an electric mixing tool with a stirring attachment.

At low temperatures premixing mechanical agitation maybe required before adding to the spray tank.

It is advisable to pre-mix with a minimum dilution of 1 part to minimum 3 parts water, adding this product slowly while maintaining agitation in spray tank to prevent settling of solids. Will pass through 200 micron filter under ideal conditions, however, a coarse inline filter (500 microns/35 mesh) is recommended to flush the delivery lines to ensure they are free from particle contaminants from other sources.



For boom spray minimum nozzle size of 05-08 or wide angle flat fan or flood jet nozzles.

Fill tank  $\frac{3}{4}$  with water, add product through filter, whilst topping up with water. For uniform application maintain agitation throughout application.

Where higher water rates are required for good foliar coverage, do not exceed maximum product rate per hectare.

Avoid spraying close to harvest if produce is susceptible to staining. Guano Liquid Gold® with KMS Fertilizer® will leave a visible residue on leaves and fruit when used as a foliar.

Sensitive foliage or plants should be test sprayed prior to full scale application.

Frequencies are a guide only they may be adjusted according to farm practices.

Ensure suitable spray conditions (e.g. temperature, humidity, wind speed), prior to foliar application.

Compatibility and/or performance cannot be guaranteed when combined with other products. Jar test for compatibility and spray test on small area before full scale application.

### **DISCLAIMER**

Any recommendations provided by GUANO AUSTRALIA PTY LTD and or its Distributors are advice only; as no control can be exercised over storage, handling, mixing, application, use, weather, plant or soil conditions before, during and or after application (all of which may affect the performance of our program).

No responsibility for, or liability for any failure in performance, losses, damages, or injuries (consequential or otherwise), arising from such storage, mixing, application or use will be accepted under any circumstances whatsoever.

GUANO AUSTRALIA PTY LTD recommends you contact an Agronomist prior to product application. The Buyer assumes all responsibility for the use of any GUANO AUSTRALIA PTY LTD products.

Manufactured in Australia by;  
KISMET INTERNATIONAL PTY LTD | ABN: 31 078 696 367

for & on behalf of;  
GUANO AUSTRALIA PTY LTD | ABN: 61 074 053 026  
4 Schwartz Street, Buderim, QUEENSLAND, 4556  
Tel 07 5445 5300 | Mobile 0412 474 049 | sales@guano.com.au  
www.guano.com.au

