

## INFORMATION

Plant available Phosphorus, Calcium & Silica in a single, high analysis product, derived from natural Guano.

The high analysis source of our micronized Guano Gold-Kwik Start® is in a free-flowing suspension.

Phosphorus & Calcium are the two key elements for photosynthesis & plant sugar production.

The 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, Calcium & Silica.

Guano Liquid Gold® also contains trace elements, with usable levels of Zinc and Manganese.

The neutral pH of the product gives it a high compatibility when tank mixing with other products.

Contains a surfactant to assist in foliar application.

Easy convenient application.



Manufactured in Australia & marketed in Australia, New Zealand & Asia by;

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*for & on behalf of;*

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P: 10.2% K: 0.67% S: 0.6% Mg: 0.25% Ca: 31% Si: 13.6%  
Phosphorus - Potassium - Sulphur - Magnesium - Calcium - Silica  
plus Trace Elements



## TYPICAL ANALYSIS (W/V)

Total Phosphorus (P)	10.2%
Phosphorus (P) (citrate soluble)	8.27%
Phosphorus (P) (citrate insoluble)	0.94%
Phosphorus (P) (water soluble)	0.99%
Total Potassium (K) (as organic)	0.67%
Sulphur (S)	0.6%
Magnesium (Mg)	0.25%
Calcium (Ca) as phosphate	31.0%
Silica (Si)	13.6%
Manganese (Mn)	3040ppm
Iron (Fe)	8430ppm
Zinc (Zn)	971ppm
Copper (Cu)	298ppm
SG	1.598
pH	7.5 – 7.8

**Appearance: Thick, dark brown liquid**

## 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.

#### Vegetables

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

#### 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.

#### 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.

## MIXING & APPLICATION INSTRUCTIONS

Circulate well in container before use & maintain constant agitation.

**IMPORTANT:** Guano Liquid Gold® is a very heavy & dense product at SG 1.598, 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® 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.

