



# With 7 Available Nutrients:

## ARE 20% OF YOUR SOILS GIVING YOU 80% OF YOUR PROBLEMS?

Guano Australia's new range of blended fertilisers contain phosphorus in water and non-water soluble forms as well as ammonium sulphate and silica. These unique blends are targeted at soils which are prone to phosphorus tie up.

# CHECKLIST: DO I NEED THIS BLEND?

- \* Do I have elevated levels of calcium, manganese, aluminium [**Al**] or iron [**Fe**]?
- \* Do my soils have rising levels of sodium?
- \* Do my soils have sulphur deficiency?
- \* Am I applying or have I applied lime, gypsum or dolomite?

If you answered yes to one or more of the above questions, then a custom blend containing silica and no water soluble phosphorus may be an agronomic option.

#### WHAT IS IN THE BLENDS?

The blends contain potassium, sulphur, magnesium (KMS Fertilizer), ammonium sulphate (AmSul), Guano Gold and/or MAP or DAP, in a blend of your choice.

#### 1. Nitrogen [N]

- 2. Phosphorus [P]
- 3. Potassium [K]
- 4. Sulphur [S]
- 5. Calcium [Ca]
- 6. Magnesium [Mg]
- 7. Silica [Si]

Guano Gold / KMS / AmSul Broadacre, Horticulture Blend

5:6:5:10:14:2:0:0:0:5:0 Guano Gold / KMS / AmSul

#### WHAT IS THE BENEFIT?

Some soils are prone to phosphorus binding with other elements that then form compounds that are no longer plant available. In these soils, using traditional water-soluble phosphorus fertilisers can be inefficient. By blending phosphorus type fertilisers and adding silica these new blends drip feed the **P** into the soil system and the presence of silica protects the soluble **P** by binding with **Fe**, **AI**, **Mn** or **Ca** and thus allows the **P** to be plant available.

#### **GUANO GOLD-KWIK START**

P 13.6% + Ca 32.9% + Si 23.8% Natural & Available

- \* Available phosphorus & calcium.
- \* Phosphorous is 50% prompt and 50% sustained release.
- \* Calcium to improve plant strength
- Silica reduces the leaching of potassium.
- \* Silica and calcium improve plant stress tolerance.
- \* Silica maintains phosphorus in a plant available form.
- Silica reduces the 'tie-up' of phosphorus by aluminium and iron.
- \* Safe for soil ecology and soil microbes.
- \* Does not increase soil acidity.
- \* Granulated for ease of blending.
- Compliments conventional phosphorus fertilisers.
   Australia Cortified Organic (input
- \* Australia Certified Organic (input 309)

#### **KMS FERTILIZER**

K 20% + S 16% + Mg 7% Your Fully Soluble Nutrient Solution

- \* Natural Product.
- \* Suitable for a broad cross section of crops and pasture.
- \* Low magnesium levels.
- \* Low chloride levels prevents the build up of salts in soils; beneficial to potatoes and other chloride sensitive crops.
- \* Low in heavy metals (cadmium,
- mercury, lead).
- \* Granulated.
- \* Australia Certified Organic (input 309).

#### AMSUL

#### N 21% + S 24% The Nitrogen Alternative An Ammonium Source Of Nitrogen

- \* A choice of 1mm crystalline fines or
- \* semi granule.
- Non volatile.
- \* Less prone to leaching.
- Increased nitrogen uptake.
  Increased nutrient (P, Zn, etc) availability in high pH soils.
- Reduced impact of soil pathogens on crops.

4 Schwartz Street, Buderim, QLD, 4556 | 07 5445 5300 | 0412 474 049 john@guano.com.au |www.guano.com.au

### CUSTOM BLENDS AVAILABLE ACROSS AUSTRALIA

For all your custom blend needs contact;

**JOHN JASHAR** Guano Australia Pty Ltd