



MADURA
Guano Gold[®]
KWIK START[®]



SPLIT 'P' SUPER BLENDS FOR PASTURE

**THE BEST OF BOTH WORLDS
WITH GUANO GOLD[®] SUSTAINABLE PHOSPHORUS CUSTOMISED BLENDS**

GUANO AUSTRALIA introduces "Split P Super Blend", this new blend extends the effectiveness and efficiency of single super by adding non water-soluble Phosphorus and soluble Silica. The citric and non-citric soluble Phosphorus is slower release and compliments the mid to long-term growth patterns of pasture by drip feeding Phosphorus into the soil. The Silica in the blend protects the water-soluble Phosphorus by forming chemical compounds with iron and aluminium. Once the Silica ties up these elements it allows Phosphorus to stay plant available for longer.

SPLIT 'P' SUPER PASTURE BLENDS PHOSPHORUS: SULPHUR: CALCIUM

Pasture Blend 0:10(#):0:6.6:25 with 4% Silica
(#) 5.4% water-soluble: 2.3% citric-soluble: 2.4% non-citric
Rate of Application: 90 - 175kh/ha

These Guano Gold[®] and Phosphorus combinations can be custom blended with Nitrogen, Potassium and Sulphur to meet your requirements.

MADURA GUANO GOLD[®]-KWIK START[®]

Available Phosphorus: Calcium: Silica
Key Benefits of GUANO GOLD[®] for PASTURES

- ◆ Certified input for organic production.
- ◆ Naturally occurring and available Phosphorus and Calcium.
- ◆ Phosphorus is 50% prompt and 50% sustained release.
- ◆ Silica reduces the leaching of Potassium.
- ◆ Silica maintains Phosphorus in a plant available form.
- ◆ Silica reduces the 'lock up' of Phosphorus by binding with iron and aluminium, thus allowing the Phosphorus to stay plant available.
- ◆ Calcium to improve strength.
- ◆ Does not increase soil acidity.
- ◆ Silica and Calcium improves plant stress tolerance.
- ◆ Safe for soil ecology and soil microbes.
- ◆ Compliments conventional Phosphorus fertiliser.
- ◆ Analysis of 12% Phosphorus, 29% Calcium and 10% Silica.
- ◆ Good granulation for easy blending and spreading.

DRIVE YOUR PHOSPHORUS \$\$ FURTHER WITH ALL 3 FORMS OF PHOSPHORUS

1. Water-soluble Phosphorus for immediate release
2. Citric-soluble Phosphorus for mid-term release
3. Non-citric soluble Phosphorus for sustained release

Plus Silica

Guano Gold[®] also comes with Silica (Si(OH)₄). The role of the Silica is to protect the water-soluble Phosphorus. Silica does this by binding with iron and aluminium and allowing the water-soluble Phosphorus to stay in a plant available form for longer, reducing Phosphorus 'lock up'. In addition, the citric-soluble and non-citric soluble Phosphorus in Guano Gold[®] continues to release Phosphorus to the plant / crop for the whole of the growth cycle.

Plus more available Potassium

In acid soils, aluminium can prevent Potassium from being able to hold onto the soil particles. This is because aluminium has a stronger charge than Potassium. The aluminium can 'kick' Potassium off the soils colloid, which contributes to Potassium leaching. Silica as found in Guano Gold[®] acts as a buffer by bonding to aluminium and allows the Potassium to remain plant available.

So, add Guano Gold[®] to your fertiliser and you'll have more plant available Phosphorus and Potassium.

WWW.GUANO.COM.AU

JOHN JASHAR
DIRECTOR

M: 0412 474 049
P: 07 5445 5300
F: 07 5476 6400

4 SCHWARTZ STREET
BUDERIM QLD 4556

E: KISMET@GUANO.COM.AU



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