



BATPHONE AUSTRALIA PTY LTD
 A.B.N. 50 297 078 797
 A.C.N. 076 868 598

22 Morrisby Street
 PO Box 54
 Geebung QLD 4034
Phone: (07) 3865 1288
Mobile: 0414 252 624
Fax: (07) 3865 1266
E-mail: info@batphone.com.au
Web: www.batphone.com.au

“PLANT of HEALTH” MICRO-PHOS
Biologically enhanced liquid Calcium-Phosphate

A high analysis source of micronised GUANO combined in a free-flowing suspension with fulvic acid and soil-life metabolites.

Batphone have recently included a natural phosphate product in our **Plant of Health** range. Guano is a high-analysis natural phosphate source derived from ancient sea-bird droppings. So prized was this natural fertilizer, that the “Guano Act” was passed in America in 1856, enabling USA to claim ownership of uninhabited guano rich islands. Guanos popularity waned in the 1900s with the introduction of chemically treated phosphates but is now being rediscovered as a major input in biologically sustainable farming. We combine the Guano in free flowing suspension with fulvic acid and soil life metabolites. Micronising is the grinding down of the Guano to under 5 microns in size which enables the mineral component to become available within days. Calcium and phosphate are the two principal elements involved in photosynthesis, plant health and plant sugar production. Used regularly as part of a sustainable fertilizer program, Guanos mineral rich composition improves plant quality yields and soil life.

BENEFITS

- Easy, convenient application
- Suitable for organic growing this organic liquid phosphate is free of heavy metals
- Micro-Phos also contains high levels of calcium. Calcium and phosphate are the governors of plant health and high brix levels.
- Increased root development
- Increase yields and shelf life
- The combination of plant-available calcium and phosphate generates tremendous energy in the soil.
- Micro-Phos also contains a rich lode of trace elements
- Micro-Phos can be used as an organic input in hydroponics.
- The micro-organisms and fulvic acid

contained in this product can provide many benefits within themselves
 -- Improves Quality of Plants and Soil

Applications

To be used as part of a balanced nutrition program. Premix with equal amounts of water thoroughly prior to adding to filled spray tank under agitation. SHAKE OR STIR WELL BEFORE USE

Fertigation or Boomspray
 20 – 40 Litre Per Hectare

Liquid Injection at Planting
 10- 20 litre per Hectare

Foliar
 3 – 10 Litres per Hectare diluted at 1:50. Apply to runoff in domestic applications.

Micro-Phos is compatible with most fertilisers including microbe products. Spray tank will require constant agitation to prevent settlement of solids

Micro-Phos involves tiny 5 micron particles which are too small to clog filters, however if they are inadequately diluted or agitated before application there is a possibility of problems with spray equipment

May leave a visible residue on leaves and fruit when used as a foliar.

TYPICAL ANALYSIS

Carbon	1.7%	Potassium	1.2%
Iodine	500ppm	Iron	3400ppm
Calcium	28%	Phosphorus	12%
Manganese	3485ppm	Zinc	1190ppm
Copper	140ppm	Sulphur	200 ppm

CONTAINS FULVIC 1400

Also contains biological metabolites derived from:-
 Bacillus subtilus, Bacillus megaterium, Azotobacter vinelandii, Pseudomonas fluorescens, pseudomonas putida, Rhizobium japonicum, Pseudomonas stutzeri, Rhizobium leguminosarum, Streptomyces albidoflavus, Streptomyces cellulosa, Saccharomyces cerevisiae, Chaetomium globosum and Trichoderma lignorum.