

Phos-Life Organic™

Soil Balancing

Cropping

Pasture & Animal

Foliar & Fertigation

Plant available calcium and phosphate, together in a single, high analysis product, is not normally a possibility. The non-ionic nature of MMS products allows this highly productive combination.

Description

A high analysis source of micronised guano combined in a free-flowing suspension with fulvic acid. Calcium and phosphate are the two principle elements involved in photosynthesis and plant sugar production but it is not normally possible to combine them in a single fertiliser due to their incompatibility. Phos-Life Organic™ represents a rare fusion of these two elements in a plant available form.

Benefits

- Australian Certified Organic (ACO) Registered Farm Input 456AI.
- A rare and unique source of natural liquid phosphate.
- Also contains high levels of calcium. Calcium and phosphate are the governors of plant health and high brix levels.
- Calcium and phosphate are normally incompatible in ionic form, but not in micronised, colloidal form.
- Phos-Life Organic™ also contains a rich lode of trace elements, including good levels of zinc.
- The mineral component can become plant available within days.
- Far more compatible with other inputs compared with MAP/DAP or calcium nitrate.
- Particularly applicable when nitrogen is not required in conjunction with calcium and/or phosphorus, i.e. MAP, DAP, calcium nitrate, etc.
- Easy convenient application.



Packaging

Available in the following volumes:

5L

15L

200L

1000L

APPLICATION RATES

Soil Ameliorant or Fertigation:

10 – 30 L/ha as required
Use higher rate for soil amelioration

Foliar Spray:

Vegetables

1 L per 100 L water up to 5 L/ha equivalent
Apply weekly or as required

Orchards & Vineyards

1 L per 100 L water up to 10 L/ha equivalent
Apply every 2 – 4 weeks or as required

Ornamentals & Turf

1 L per 100 L water up to 7 L/ha equivalent
Apply every 2 – 4 weeks or as required

Broadacre Crops

2 – 3 L/ha in 60 – 100 L water, depending on canopy closure, apply as required

Pasture

2 – 3 L/ha in 60 – 100 L water, apply as required

Spot-Spraying

50 mL per 10 L water, apply as

Liquid Inject:

2 – 5 L/ha

Use a minimum dilution rate of 1 part product to 3 parts water. Rate will depend on crop, row spacing & soil type. Always consider N & P crop requirements for starters based on reliable soil test data.

Home Garden Application:

Dilute 45 mL per 9 L watering can and apply the diluted mix at a rate of 1 litre per square metre – this diluted mix can also be poured over foliage
Repeat every 2 – 4 weeks or as required

STORAGE & HANDLING

- Store in a cool dry area out of direct sunlight. This product has been tested to store safely down to 5°C. Sedimentation may occur below 5°C. Do not pre-mix or store in diluted form. MMS products are very heavy and every care should be taken when handling these materials to avoid back injury.

TYPICAL ANALYSIS W/W

Calcium (Ca) (as phosphate)	24.57%
Silicon (Si)	10.73%
Total Phosphorus (P)	10.71%
Phosphorus (P) (citrate insoluble)	7.56%
Phosphorus (P) (citrate soluble)	3.15%
Phosphorus (P) (water soluble)	20 mg/L
Total Potassium (K) (as organic)	0.15%
Manganese (Mn)	1.66%
Iron (Fe)	0.86%
Magnesium (Mg)	0.34%
Zinc (Zn)	0.14%
Copper (Cu)	162 mg/L
SG	1.5
pH	6.5 – 8.5
Conductivity	1 – 5 mS/cm
Appearance	Thick, mid-brown liquid, citrus odour

INSTRUCTIONS

Shake or stir well before use & maintain constant agitation. It is advisable to pre-mix, 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 ensure the delivery lines are free from particle contaminants from other sources. Where higher water rates are required for good foliar coverage, do not exceed maximum product rate per hectare. MMS products will leave a visible residue on leaves and fruit when used as a foliar. Avoid spraying close to harvest if produce is susceptible to staining. Sensitive foliage or plants should be test sprayed prior to full scale application. Frequencies are a guideline only and can be adjusted according to farm practices and/or in conjunction with crop monitoring. 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 wide-spread use.

IMPORTANT

- **Note:** Product in 1000 L tanks may weigh over 1 tonne. Forklift with 2 tonne lifting capacity is recommended.