

# CalMag-Life Organic™

Calcium and magnesium are two of “The Big Four” elements which should be maintained at luxury levels for maximum productivity.

A high-analysis source of micronised dolomite combined in a free-flowing suspension with fulvic acid. Calcium and magnesium should both be maintained at luxury levels for the full crop cycle. Often both elements are deficient and in these instances CalMag-Life Organic™ is the perfect tool.

## BENEFITS

- Australian Certified Organic (ACO) Registered Farm Input 456AI (Restricted).
- More convenient and easier to apply than conventional dolomite.
- Calcium is “the trucker of all minerals”.
- Applicable when nitrates or sulfates are not required (i.e. calcium nitrate or magnesium sulfate).
- Most liquid calcium or magnesium sources have very limited compatibility in fertigation or foliar programs. CalMag-Life Organic™ is virtually compatible with everything.
- Promotes the precision required to build luxury levels of calcium and magnesium in the leaf. Calcium and magnesium are two of “The Big Four” elements which should be maintained at luxury levels within the plant. Plant levels of calcium and magnesium require boosting in about 80% of leaf tissue analyses.

## PACKAGING:

5 L, 15 L,  
200 L, 1000 L  
Product Code:  
MMSOCML



**MICRONISED  
MINERAL  
SUSPENSIONS**



# CalMag-Life Organic™

## 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 7 L/ha equivalent  
Apply every 2 – 4 weeks or as required

#### Ornamentals & Turf

1 L per 100 L water up to 5 L/ha equivalent  
Apply every 2 – 4 weeks or as required

#### Broadacre Crops

1 – 3 L/ha in 60 – 100 L water, depending on canopy closure, apply as required

#### Pasture

1 – 3 L/ha in 60 – 100 L water, apply as required

#### Spot-Spraying

50 mL per 10 L water, apply as required

### Liquid Inject:

2 – 3 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

## IMPORTANT

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

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## TYPICAL ANALYSIS W/W

Calcium (Ca) (as carbonate)	20.26%
Magnesium (Mg) (as carbonate)	9.68%
SG	1.5
pH	7.5 – 9.5
Conductivity	1.5 – 2.5 mS/cm
Appearance	Thick, off-white/cream colour 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.

## 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.

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