

Dia-Life Organic™

Silicon is the missing link in many fertility programs. This cell-strengthener also plays a role in photosynthesis and acts as a general tonic. Silicon can be a spectacular yield-builder. Recently boron has been identified as a silica synergist so this formula contains boron at around 0.70%.

Dia-Life Organic™ is based on a micronised diatomaceous earth, which contains 90% (approx.) silica in amorphous form (i.e. unlike quartz crystal, there is no risk of associated health problems). Diatomaceous earth (DE) consists of the microscopic, fossilised, chelated remains of diatoms – single-celled aquatic plants. A large part of the plant response is based on silicon, but DE also contains a broad range of micronutrients.

BENEFITS

- Australian Certified Organic (ACO) Registered Farm Input 456AI.
- Micronisation creates plant-available silicon.
- Silicon increases yield and quality.
- Silicon increases flowering and fruit-set.
- Silicon is a key element for turf grasses, dairy pastures and other grass species like sugar cane.
- Boron is included as a silica synergist and for reproductive support.

PACKAGING:

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



**MICRONISED
MINERAL
SUSPENSIONS**



Dia-Life Organic™

APPLICATION RATES

Fertigation:

5 – 20 L/ha as required

Foliar Spray:

Horticultural Crops/Turf

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

Broadacre Crops

1 – 2 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:

1 – 2 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

- This product contains 0.7% boron. Boron can be toxic to plants at high levels. Monitor plant levels of boron if applying on a regular basis or at high application rates. Consult your NTS Agronomist for application advice.
- **Note:** Product in 1000 L tanks may weigh over 1 tonne. Forklift with 2 tonne lifting capacity is recommended.

Disclaimer: Any recommendations provided by Nutri-Tech Solutions Pty Ltd (NTS) or its Distributors are advice only. As no control can be exercised over storage, handling, mixing, application or use, or weather, plant or soil conditions before, during or after application (all of which may affect the performance of our program), no responsibility for, or liability for any failure in performance, losses, damages, or injuries (consequential or otherwise), arising from such storage, mixing, application, or use will be accepted under any circumstances whatsoever. NTS recommend you contact an Agronomist prior to product application. The Buyer assumes all responsibility for the use of any NTS products.

TYPICAL ANALYSIS W/W

Silicon (Si)	12.51%
Boron (B)	0.68%
Iron (Fe)	0.32%
Calcium (Ca)	0.16%
Magnesium (Mg)	221 mg/L
SG	1.2
pH	4.5 – 6
Conductivity	2.5 – 4 mS/cm
Appearance	Thick, light brownish grey 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

- Read safety directions before use.
- **Store in a dry area out of direct sunlight, not below 10°C as precipitation can occur.** 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.

YOUR LOCAL NTS DISTRIBUTOR: