

POTASSIUM SILICATE

A liquid source of potassium and silica.

Silica is often a forgotten element and has many benefits in the plant, including strengthening cell walls.

KEY PERFORMANCE

- Improves photosynthesis and raises brix in all plants.
- Reduces the negative effects of excess aluminium, sodium and manganese.
- Improves plant growth, lifting yield and quality.
- Enhances reproduction by improving pollination and increasing pollen fertility.
- Produces an armour-like layer in the outer cell wall resulting in stronger, more resilient plants.

GROWTH STAGE

- ✓ Vegetative Growth
- ✓ Pre-flower
- ✓ Fruit Fill

SIZES:

1 L, 5 L, 20 L, 200 L, 1000 L

PRODUCT CODE:

POTSIL

TYPICAL ANALYSIS W/V

Total Potassium (K) (as silicate)	15.3%
Silicon (Si)	17.3%
SG	1.4
pH	11.3 – 12.3
Conductivity	70 – 90 mS/cm
Appearance	Clear Liquid



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APPLICATION RATES

Vegetables

FOLIAR SPRAY RATE

0.3L per 100 L water up to 2 L/ha equivalent

FREQUENCY

Every 2 weeks or as required

Orchards & Vineyards

FOLIAR SPRAY RATE

0.3L per 100 L water up to 3 L/ha equivalent

FREQUENCY

Every 4 weeks or as required

Ornamentals & Turf

FOLIAR SPRAY RATE

0.3L per 100 L water up to 2 L/ha equivalent

FREQUENCY

Every 4 weeks or as required

Spot-Spraying

FOLIAR SPRAY RATE

25 mL per 10 L water

FREQUENCY

As required

INSTRUCTIONS

Shake or stir well before use. Where higher water rates are required for good foliar coverage, do not exceed maximum product rate per hectare. 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, windspeed), 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

Do not spray during flowering. Not compatible with acidic inputs. Potassium Silicate is very alkaline and recommended rates should never be exceeded to avoid possible plant damage. As silicon is not readily transported within the plant more than one application will be required per season to ensure the full benefits.

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

STORAGE & HANDLING

Read safety directions before use. Store locked up in a cool dry area out of direct sunlight. This product has been tested to store safely down to 5°C. Crystallisation or sedimentation may occur below 5°C. Do not pre-mix or store in diluted form. Seal lid/cap immediately after use. Dispose of contents and container in accordance with local and national regulations.

ACO RESTRICTED

Certified for use in organic agriculture when used according to the label instructions. (Do not exceed recommended rates).

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