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.

**BENEFITS**
- Australian Certified Organic (ACO) Registered Farm Input 456AI.
- 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.

**PACKAGING:**
- 1 L, 5 L, 20 L, 200 L, 1000 L

Product Code: POTSIL
Potassium Silicate

APPLICATION RATES

**Foliar Spray:**
- **Vegetables:** 0.3 L per 100 L water up to 2 L/ha equivalent
  - Apply every 2 weeks or as required
- **Orchards & Vineyards:** 0.3 L per 100 L water up to 3 L/ha equivalent
  - Apply every 4 weeks or as required
- **Ornamentals & Turf:** 0.3 L per 100 L water up to 2 L/ha equivalent
  - Apply every 4 weeks or as required
- **Spot-Spraying:** 25 mL per 10 L water
  - Apply as required

**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

**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, 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 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.

**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.

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