



## PRODUCT SHEET

# *Ferti-Potassium Silicate*

### GENERAL INFORMATION

Silica is the cell-strengthener that can harden the cell walls, making the leaf tissue less palatable to herbivorous insects.

### IMPORTANCE

- More efficient photosynthesis through increased leaf area exposure to sunlight.
- Reproduction enhancement and increased pollen fertility.
- Strengthens cell walls and can help to prevent crop lodging through stronger stems.
- Management tool for sodium excess - acts as a buffer against high levels of sodium.
- Anti-transparent

### TYPICAL ANALYSIS

#### Elemental Analysis

Silicon (as SiO <sub>2</sub> )	24.8%
Potassium (K)	11.2%

#### Other

pH	Very Alkaline > 11.0
Conductivity	79mS / cm
Solubility	100%
Appearance	Liquid

### APPLICATION

Foliar: 2-3 Litres per Hectare (Depending on plant size).

Dilution rate: Minimum 1:300

### IMPORTANT INFORMATION

- As silicon is not readily transported within the plant more than one application will be required per season to ensure the full benefits.
- This dense liquid is particularly heavy and should be handled with care to avoid back injury.
- Potassium silicate is very alkaline and recommended rates should never be exceeded to avoid possible plant damage.
- Store in a cool, dry area away from incompatible materials.

### DIRECTIONS FOR USE      AGITATE DRUM WELL BEFORE USE

**WARNING - ALL EQUIPMENT USED WITH THIS PRODUCT MUST BE THOROUGHLY WASHED OUT, AS IT WILL SIEZE UP**

**RISK: DO NOT Mix with other plant foods, pesticides, etc without prior testing for compatibility**

**AVAILABILITY:** 20Lt drums, 200Lt drums and 1000Lt Shuttles

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