

Technical Brochure

- ✓ Foliar
- ✓ Furrow



Hi-Sil Plus

(0 - 0 - 6)

A premium soluble potassium silicate boosted with carbon and amino acids for plant cell strength and nutrient flow

Hi-Sil Plus can be utilised in all forms of agriculture and a wide range of applications. Hi-Sil Plus is a premium grade of silicate that offers an efficient and excellent option for coverage over leaf and plant surfaces. Utilise Hi-Sil Plus for improving the set and fill of grains and fruits, and prior to frost risk periods

Benefits

- ✓ Silica plays a strong role in the alleviation of biotic and abiotic stress such as extremes of temperature
- ✓ Improved photosynthesis and translocation of nutrients and sugars throughout living cells
- ✓ Improves grain and fruit fill
- ✓ Silica is vital for improved resilience to disease and frost damage through strengthening of cell walls, particularly in cereals and grasses
- ✓ Potassium silicate can moderate the detrimental effects of excess aluminium, sodium and manganese
- ✓ An alkaline liquid suitable for injection into acidic soils for improved root growth and the uptake of potassium, nitrogen, phosphorous and sulphur

TYPICAL ANALYSIS	G/L	% W/V	WW%
Potassium (K)	110	11	8.21
Silicon (Si)	240	24	17.91
Carbon/Amino Acids			

pH 11.52 -12.00

SG 1.32 -1.34

APPLICATION RATES

2-7L/ha as a foliar application, depending on the size and growth stage of the crop.

Dilute at approximately 1 part product to 300 parts water.

Increase water rate, preferably to 100L/ha, when using 5-7L /ha.

Important: Do not foliar spray stone fruit. Do not foliar spray any crop at the start of and during flowering. When using with other nutrients and chemicals, do a jam jar test to check for compatibility.

First Aid/ Safety: Poison (S5). Caution: keep out of reach of children, Irritant to eyes and skin. Wear gloves and eye protection. For advise contact Poisons Information Centre Ph. 131 126. If swallowed do not induce vomiting. In case of contact with eyes or skin rinse with plenty of water and seek medical help.

PACKAGING
20L, 200L and 1000L

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