

Technical Brochure

- ✓ Foliar
- ✓ Furrow



Hi-Sil Plus

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 coverage over leaf and plant surfaces. Hi-Sil Plus improves the set and fill of grains and fruits, 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	% W/W
Potassium (K)	110	11	8.2
Silicon (Si)	240	24	17.9
pH	11.5 -12.7		
SG	1.25 – 1.39		
Carbon + Amino Acids			

Application Rates

Foliar Spray	Rate/ha	Spray Vol/ha
All Crops	0.5 – 7L	70 – 300L
Fertigation/Injection	Rate/ha	Water Vol/ha
All Crops	2 – 10L	Variable

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.

Packaging: 20L, 200L and 1000L

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