

Technical Brochure

- ✓ Foliar
- ✓ Furrow



Hi-CKS

A premium soluble calcium potassium silicate boosted with nitrogen.

Hi-CKS can be utilised in all forms of agriculture and a wide range of applications. Silicates are vital for strengthening cell walls and translocating plant sugars for building brix levels. Hi-CKS is a premium grade of silicate with efficient foliar and soil performance, especially applicable to legume, brassica and horticultural crops during finishing applications

Benefits

- ✓ A neutral liquid suitable for soil applications for improved root growth
- ✓ Improve nutrient uptake and transportation, and balance soils requiring small calcium inputs
- ✓ Silica and calcium are vital in cell wall strength and the associated resilience to disease and frost damage
- ✓ Calcium and silica help to alleviate many biotic and abiotic stresses including temperature extremes
- ✓ Hi-CKS can improve grain weight and fruit fill when applied at the right time
- ✓ Silicates help moderate the detrimental effects of excess aluminium, iron, sodium and manganese in the soil, while also slowing the loss of potassium

TYPICAL ANALYSIS	g/L	% W/V	% W/W	pH	7.5 – 8.6
Nitrogen (N)	60	6.00	4.71	SG	1.20 – 1.35
Calcium (Ca)	70	7.00	5.49		
Potassium (K)	50	5.00	3.92		
Silicon (Si)	51	5.1	4.00		

APPLICATION RATES

Broad acre	Spray apply 2-4L/ha of concentrate with 50-100L/ha water per hectare. Apply based on plant tissue tests results or at first signs of deficiency.
Vines	Spray apply 2-10L/ha of concentrate with 400-1200L/ha water when plants have adequate leaf area. Repeat every 3-4 weeks or based on plant tissue/petiole test. Repeat full rate post harvest.
Horticulture	Spray apply 2-8L/ha of concentrate with 400-1500L/ha water per hectare. Apply when plants have adequate leaf area or based on plant tissue test. Repeat every 2-4 weeks.
Pasture	Spray apply 2-10L/ha of concentrate with 40-200L/ha water early Spring or according to plant tissue test to improve pasture quality.
Injection/ Fertigation	Broadacre/Horticulture 2-20L/ha

NOTE: Always seek advice from your Hi Tech Ag representative when using high rates

First Aid/ Safety: Caution: keep out of reach of children, Irritant to eyes and skin.

PACKAGING
20L, 200L and 1000L

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