

Technical Brochure

- ✓ Foliar
- ✓ Furrow



Hi-CKS

A premium liquid calcium potassium silicate suspension.

Calcium, Potassium and Silicates are vital for strengthening cell walls which will build stronger plants that are more resilient to damage from frost, pests, and diseases. Hi-CKS is recommended for use in all forms of agriculture for the growth for healthy resilient plants.

Benefits

- ✓ A neutral liquid suitable for soil applications, for improved root growth
- ✓ Improves 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 |
|---------------------|-------------|-------|-------|
| Nitrogen (N) | 55 | 5.5 | 4.2 |
| Potassium (K) | 44 | 4.4 | 3.4 |
| Calcium (Ca) | 82 | 8.2 | 6.2 |
| Silicon (Si) | 92 | 9.2 | 7.1 |
| Organic Carbon (OC) | 26 | 2.6 | 2.0 |
| Organic Matter (OM) | 44 | 4.4 | 3.4 |
| pH | 7.5 – 8.6 | | |
| SG | 1.25 – 1.38 | | |

Application Rates

| Foliar Spray | Rate/ha | Spray Vol/ha |
|--------------|---------|--------------|
| Broad acre | 2 – 5L | 70 – 100L |
| Horticulture | 3 – 10L | 200 – 1000L |
| Vines | 3 – 6L | 300 – 1000L |
| Orchards | 3 – 10L | 300 – 1000L |
| Pasture | 2 – 8L | 70 -200L |

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

Packaging: 20L, 200L and 1000L

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