





# CalSap<sup>®</sup>

A premium, soluble liquid calcium source

- Improves nitrogen efficiency
- Provides soluble and available calcium
- Improves phosphate availability
- Helps strengthen cell walls
- Increases root development
- Chloride and Nitrate free





**Optima CalSap** has achieved great results in a wide range of crops including perennial grasses, stone fruit, pome fruit and grape vines.

Optima CalSap is a premium liquid soluble calcium source that is suitable for use across a broad range of horticultural applications including turf. CalSap is an alkaline product containing effective volumes of plant available soluble calcium and is suited to most acid and alkaline/sodic soils.

### CalSap provides many benefits such as;

#### Providing a cost effective Calcium Source

- Delivers soluble calcium direct to the plant
- Provides lower freight and handling costs
- Increases cell density (Calcium Pectate)

#### Improving Nitrogen Efficiency

- Increases ammonium absorption by plants
- Mixes well with UAN
- Increases longevity of stored Nitrogen available to plants

#### Remediation of Soil Toxicities

- Neutralizing acids from root zones
- Displacing toxic sodium from soil particles
- Reducing toxic aluminium from root zones

#### Improving Nutrient Uptake by plants

- Stimulates photosynthesis and plant sugar production
- Increases ammonium, potassium and phosphorous absorption
- Increases density and weight of harvested plant parts

#### Plant Risk Remediation

- Builds solid root tip extension and growth
- Reduces potassium loss (efflux) from cells to help reduce frost damage
- When used in conjunction with potassium improves plant disease resistance

The amount of calcium found in Optima CalSap is up to 340 times more soluble than conventional lime based sources of calcium. Calcium is essential for developing plant tissue, flowering, root development, sweetness (Brix°) and extended shelf life.

CalSap is cost effective; it regulates plant nitrogen efficiency, improves phosphate efficiency, helps strengthen cell walls and improves plant risk remediation.

CalSap mixes easily with water and is also compatible with most other soluble nutrients such as UAN. Using Optima CalSap in conjunction with UAN can help provide considerable plant benefits whilst remaining planting cost neutral.

For more information visit:

[www.calsap.com.au](http://www.calsap.com.au)

### MANUFACTURED IN AUSTRALIA

#### TYPICAL ANALYSIS

Calcium (Ca)	6.00%
Potassium (K)	2.00%
Magnesium (Mg)	0.50%
Sulphur (S)	0.20%

**DISCLAIMER:** This product must be used in accordance with the recommended directions otherwise Optima Agriculture assumes no responsibility for product performance. If you are unsure in anyway, please contact Optima Agriculture for application advice, mixing compatibility and crop tolerance before applying.



Supplied and  
Manufactured by:

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