



**NEW  
HORTICULTURAL  
FORMULATION!**  
Improved flowability.  
Now with added Fulvic  
Acid, Electrolytes &  
Trace Elements

# CalSap<sup>®</sup>

A premium, soluble liquid lime



VALUE  
PER HECTARE



SPEED OF  
ACTION



FREIGHT  
SAVER



PROVEN  
TRIAL RESULTS

- Provides soluble calcium where you need it, when you need it
- Proven to reduce sodium and improve fertiliser efficiency
- Increases water penetration on hard, sodic clay soils
- Helps build calcium in cell walls
- Contains over 55,000 ppm of soluble calcium

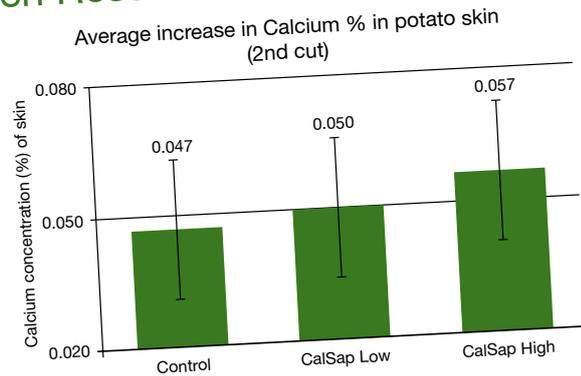
HORTICULTURE

## Why use CalSap®?

Optima CalSap® Horticulture is an alkaline liquid soluble calcium source that is suitable for use across a broad range of horticultural crops and methods of application.

CalSap® Horticulture is suited to most acidic and alkaline/sodic soils. Acidic soil is particularly low in available calcium, and alkaline soils high in other cations (ie. Sodium, Magnesium, Potassium) can interfere with calcium uptake by plants.

## Proven Results



Increase in average calcium content in skins of potatoes with application of CalSap® at 20 L/Ha (CalSap® Low) and CalSap® Horticulture at 40 L/Ha (CalSap® High).

## What a horticultural professional has to say about CalSap®

### Ben Scaravelli

Apple and Stone Fruit Producer, Perth Hills, W.A.

In 2002, I started using CalSap® with the view to improve my soil conditions and also as a source of calcium in my 10 hectare apple and stone fruit orchard. The results were a visible improvement in fruit quality, with less wastage and remediated soil conditions, so good that my neighbor, Henry Chrnielewski needed to know my fertiliser program to replicate it.

After 10 years, I continue to use CalSap® as the base of my soil sustainability program, which I use in conjunction with a nutrient management plan.

CalSap® provides a really available source of Calcium, that I believe, contributes to increasing my fertiliser efficiency, and reducing my input costs by 50% over the past 10 years.

Henry and myself would be happy to recommend CalSap® in any orchard program as a soluble calcium source for soil stability and plant management.

## Horticulture Specific Formulation

Listening to the needs of the horticultural Industry, CalSap® Horticulture has been enhanced to not only provide a higher level of product performance but to also improve its handling and ease of use.

CalSap® Horticulture has been further refined to be a less viscous product that now includes essential trace elements, electrolytes and fulvic acid. Importantly CalSap® Horticulture has been specifically formulated for use in all horticultural situations and can be easily applied through boom spray equipment, drippers and sprinklers.

CalSap® Horticulture reduces the need for specific calcium products for particular purposes and due to CalSap® Horticulture having a high level of soluble calcium it has been used to replace bulk lime, bulk gypsum and chelated Calcium applications making CalSap® the ultimate all in one Calcium product.

### TYPICAL ANALYSIS

Calcium (Ca)	6.00%
Potassium (K)	1.50%
Magnesium (Mg)	0.25%
Sulphur (S)	0.25%

#### ALSO INCLUDES:

Fulvic Acid 0.40%, Iron (Fe) 0.19%, Manganese (Mn) 0.019%, Boron (B) 0.012%

**MANUFACTURED IN AUSTRALIA**

## Application Rates

The calcium requirements differs between horticultural crops and the current calcium levels in soils. However general application guidelines are provided below. For more specific application advice and crop and soil rates, contact Optima Agriculture on 1800 246 546.

### Orchards, Vines and Horticultural Crops:

#### Ground Applied:

Fertigation Tape	20-40 litres per hectare
Drip Irrigation	30-50 litres per hectare
Sprinkler Irrigation	40-100 litres per hectare

#### Foliar Application:

5-10 litres per hectare in a minimum of 50 litres of water per hectare.

#### Application timing:

Best applied 3-4 times per irrigation season.

CalSap is well suited for fertigation with nitrogen applications.

### Boom Spray

Minimum 1:5 dilution of CalSap® Horticulture in water or UAN  
Finest filter size recommended is 200 um  
Fish mouth nozzles or nozzles > 300 um size are recommended  
(Course to very course)

### Sprinklers and Centre Pivots

Minimum 1:50 dilution of CalSap® Horticulture in water

### Dripper and T Tape

Minimum 1:100 dilution of CalSap® Horticulture in water

Want to talk more about CalSap?  
Visit [www.CaSap.com.au](http://www.CaSap.com.au) or call us on 1800 246 546