

A liquid calcium and boron super-complex derived from plant carbohydrates (contains 8% Calcium + 0.5% Boron). Our unique patented chelated formula allows the nutrients to pass through the epidermis of the leaf and down the phloem.

Bitter Pit



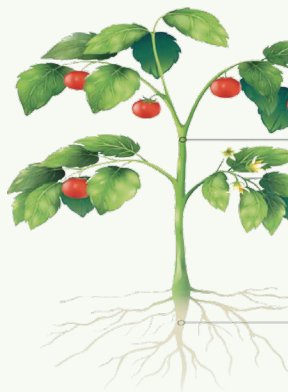
Rust



Role of calcium in the plant:

Calcium (Ca) is an important element after nitrogen (N), Phosphate (P2O5) & Potash (K2O).

- Calcium builds structure and permeability of cell membranes
- Helps prevent cell injury and necrosis
- Is a determining factor in fruit quality
- Delays ripening of fruit; extends storage life by suppressing ethylene production
- Reduces bitter pit in storage



Advantages of CalciMax

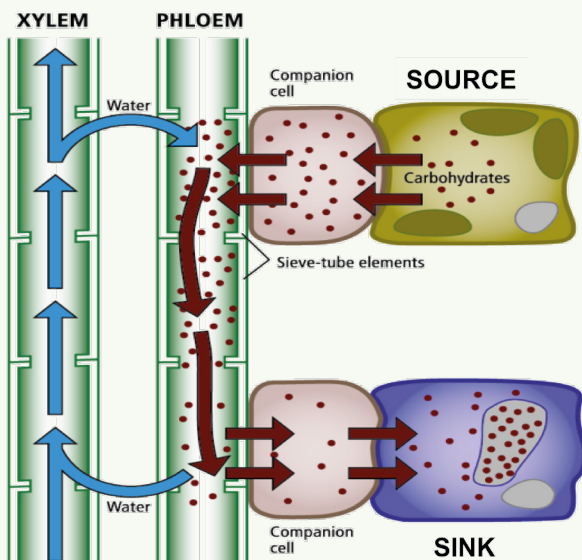
- More Calcium in the fruit.
- Rapid penetrating action with good absorption of calcium.
- Liquid formulation is easy to mix and easy to use.
- Contains no sulphate or chlorides.
- Relatively low dosages of CalciMax have proven to be as effective as higher doses of inorganic salts (e.g. calcium chloride)
- Compatible with most pesticides
- Safe - good crop tolerance even at bud break on fruit trees
- Cost effective

FOLIAR FERTILISERS

Signs of calcium deficiency:

- Apples show signs of Bitter Pit.
- Potatoes show signs of rust. Irregular leaf margins.
- Spotted areas on leaves.
- Distortion or reduced size of youngest leaves.
- Failure of terminal growth and root tip development.
- Visible storage problems in tissues of fruits and vegetables; causes cells to collapse (bitter pit, rust).

Translocation of nutrients



Importance of Calcimax:

- Nutrients and carbohydrates are transported throughout the plant via the xylem and phloem. Calcimax is chelated with a natural plant carbohydrate which aids translocation of the nutrients through the phloem. So Calcimax gets more calcium into the fruit.

Mixing advice:

CalciMax is a liquid fertiliser for foliar application. CalciMax is a chelate and it is advisable not to mix with other fertilisers. Fill the tank with the required amount of water before adding Calcimax according to application chart.

Application chart:

Crop	Rate / Ha	No. of Appl.	Remarks
Apples	4.5 Ltr	Apply a minimum of 6 - 11 applications	<ul style="list-style-type: none"> Varieties susceptible to Bitter Pit will determine the number of applications Apply every 10 days from fruitlet stage to harvest Use a non-ionic wetter Apply in 1000 Ltr / ha of water to ensure adequate coverage
Ornamentals	5 Ltr	Apply 3 - 5 Sprays	<ul style="list-style-type: none"> Apply every 7 - 10 days in 1000 Ltr / ha of water
Tomatoes / Peppers	2.5 - 5 Ltr	Apply 6 - 12 Sprays	<ul style="list-style-type: none"> Apply from fruit set and repeat at 7 - 10 day intervals Apply a minimum of 500 - 750 Ltr of water per ha
Potatoes	2.5 - 5 Ltr	Apply 2 - 4 Sprays	<ul style="list-style-type: none"> Apply from tuber initiation and repeat at 14 day intervals Apply a minimum of 350 - 500 Ltr of water per ha
Vegetables / Lettuce	2.5 - 3.75 Ltr	Apply 4 - 6 Sprays	<ul style="list-style-type: none"> Apply every 7 - 10 days Apply no less than 400 Ltr per hectare
Celery	2.5 - 3.75 Ltr	Apply 4 - 6 Sprays	<ul style="list-style-type: none"> Apply from 6 weeks before harvest in 1000 Ltr / ha of water
Cauliflower	2.5 - 3.75 Ltr	Apply 4 - 6 Sprays	<ul style="list-style-type: none"> Apply from heading in 1000 Ltr / ha of water

Application and dosage:

Dosage and application varies according to crop. (See table)

Contact your supplier with any queries.

Research with CalciMax: Plant sap analysis - Calcium in parts per million (ppm)

Crop: Apple (Elstar)

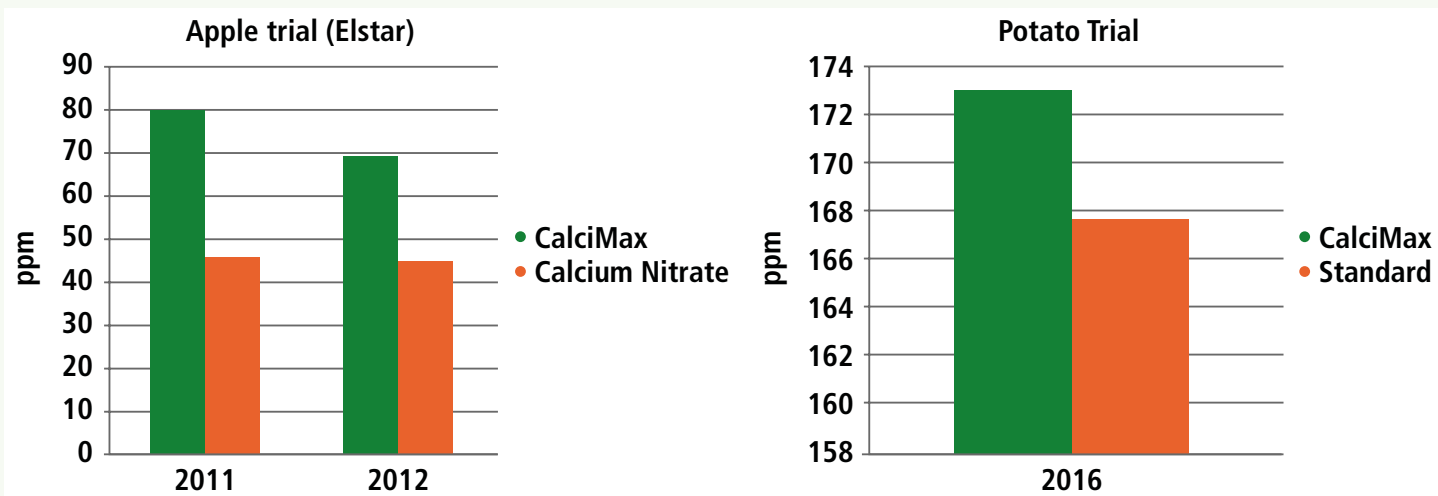
Application:

- CalciMax 3x 4Ltr
 - Calcium nitrate - standard application
- Year: 2011-2012

Crop: Potato (seed)

Application:

- Standard
 - Standard + 3x 5Ltr CalciMax
- Year: 2016



Research has shown that CalciMax can measurably increase the amount of calcium in a fruit, as was demonstrated in the 2011 and 2012 trials shown above. After 3x applications of Calcimax the results show a significant increase in Calcium in the fruit, which helps protect the crop.

In potato crops we also see an increased concentration of calcium detected. Independent research results show an increase of calcium in the potatoes, resulting in potatoes with firmer cells which are less susceptible to pathogens and rust.

Guaranteed analysis:

- Calcium (Ca) - 8%
- Boron (B) - 0,5%

Packing:

- In a 10 litre can / 2 cans per box
- Full pallet is 36x 20 litre = 720 litre