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**Crop Intellect Ltd** - the research and development company focusing on developing innovative solutions in crop nutrition.

**Mission Statement**

To make a positive impact to the world's agricultural sustainability for a secure future using innovations that are out of the ordinary!



Always Read The Label Before  
Using This Products



Helping Plants Through Innovation!

# TECAL<sup>®</sup> Technology Calcium

Calcium (Ca) is a vital element for plant cell integrity. Acting as a secondary messenger it is essential for cell signalling and functioning and necessary for the reduction of intracellular oxidative stresses. Ca is immobile in plants and used up to alleviate stresses resulting in deficiency which although not visual reduces significantly the potential of the plant for yield and quality.

Tecal<sup>®</sup> is an innovative Ca product containing an integrated technology (patent pending) inducing calcium absorption. It works synergistically by blocking the inhibition of Ca absorption by cellular substances and by increasing the cytosolic Ca which is re-deposited in the plant's calcium stores including the cell wall and vacuole.



**Unleash Plant's Potential**

Foliar Nutrition Specialists

Tecal<sup>®</sup> effectively increases Ca absorption resulting in strengthening plant cell walls and induce tolerance to abiotic and biotic stresses. Ca abundance by foliar application of Tecal<sup>®</sup> improves cell functionality and optimises plant physiological processes for growth and development resulting in increased marketable yield, quality and shelf-life.



**Simply Effective!**



## Guaranteed Minimum Content (w/w)

Calcium (CaO) 7%, Magnesium (MgO) 1.4%, Nitrogen (N) 5%  
Zinc (Zn) 0.9%, Boron (B) 0.1% + Crop Intellect's Activators

## Brassica



Crops: Cabbage, Broccoli, Cauliflower, Calabrese, Brussels sprouts, Curly Kale, Collards, Radish, Pak Choi etc.

Dosage: 1-2lt/ha depending on foliage size in minimum 100lt of water.

Critical Timings: First true leaf, 3-5 leaf, rosette formation, half developed rosette and 1-2 weeks before harvest. Recommended applications at 14 days interval and when stress is anticipated.



## Berries

Crops: Strawberries, Raspberries, Blackcurrants, Blueberries, Blackberries etc.

Dosage: 1-2lt/ha depending on foliage size in minimum 100lt of water.

Critical Timings: Flower bud formation, 50% fruit set, at fruit size 5mm and 7-10 days before harvest. Recommended applications at 14 days interval and when stress is anticipated.

## Leafy Salads & Herbs



Crops: Lettuce, Spinach, Herbs, Rocket, Chard, Baby leaf, Beans etc.

Dosage: 1-2lt/ha depending on foliage size in minimum 150lt of water.

Critical Timings: First true leaf, 2-4 leaves and weekly thereafter until harvest.

TECAL® is compatible with most crop nutrition and protection products.



## Top Fruit



Fruit: Apples, Pears, Cherries, Plums, Stone fruits etc.

Dosage: 1-2lt/ha depending on foliage size in minimum 100lt of water.

Critical Timings: Flower bud formation, 50% fruit set, at fruit size 5mm and 8-12 days before harvest.



## Roots and Alliums

Crops: Carrots, Parsnips, Beets, Onions, Leeks etc.

Dosage: 1-2lt/ha depending on foliage size in minimum 100lt of water.

Critical Timings: 2-4 leaves and at 14 day interval thereafter until harvest.

## Solanum



Crops: Potatoes, Tomatoes, Aubergine etc.

Dosage: 1-2lt/ha depending on foliage size in minimum 100lt of water.

Critical Timings: Potatoes - with first fungicide, every third thereafter. Tomatoes - at 50% fruit set and 5mm fruit size.