



calitech

Prevent physiological disorders caused by Calcium deficiency or low absorption to maximise harvest



DESCRIPTION

- High concentration of Calcium (233 g /L CaO) to maximise value
- Added Boron helps the plant absorb and use Calcium more efficiently
- Magnesium increases chlorophyll which helps maximise fruit fill
- Added Copper EDTA, Iron EDTA, Manganese EDTA and Zinc EDTA - the premier form of chelates
- Prevent common Calcium deficiency disorders such as:
 - Cracking and disfigurement of skin
 - Tip Burn in leafy vegetables and flowers
 - Blossom End Rot (especially in cucumber, chili, melon, squash, tomato)
- Best applied as a foliar spray to vegetation and fruit and also suitable for fertigation

100% Soluble
100% Plant available
100% Value

No blocking of spray equipment
More efficient than regular Calcium spray
High Calcium content with added micronutrients

MAIN BENEFITS

Effects of Calitech on Plants/Fruits

- Calcium increases pollination success through stronger pollen tubes resulting in more fruit set
- Calcium decreases fruit drop and abortions resulting in a more consistent size of harvest
- Calcium and Boron increase fruit firmness and skin also has a healthier appearance
- Boron reduces skin cracking and splitting by increasing flexibility of plant cells
- Firmer fruit and better skin increases harvest and handling resilience = more saleable produce
- Magnesium and micro nutrients result in a greener and healthier plant
- Green plants capture more of the sun's energy increasing yield and taste



TECHNICAL SPECIFICATIONS

Calcium (CaO)	23.2% w/v	Form	Liquid
Magnesium (MgO)	3.1% w/v	Colour	Green
Copper, Iron, Manganese, Zinc, Boron	0.4% w/v	Density	1.5
		pH	4.3

Plant demand for Calcium is greatest from petal fall until fruits reach 1/3 of size. Calitech is best applied by foliar application directly onto the plant and fruits from mid flowering or can also be applied by fertigation.

FOLIAR APPLICATION

DOSAGE AND METHOD OF USE

General		3-5 applications. Start from fruit setting at 10-15 days interval
Vegetables		
Perennial fruit crops		3-5 applications. Start from fruit setting at 10-12 days interval
Plantation crops		
Tubers	1 ml /L	2-3 applications. Start from fruit setting at 10-15 days interval
Protected cropping		3-4 applications. Start from fruit setting at 10-12 days interval
Banana		3-4 applications. Start from fruit setting at 15-20 days interval

FOLIAR APPLICATION

General	500 ml /ac	2 to 3 applications. Apply as per requirement at 15-20 day intervals
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COMPATIBILITY

Calitech is compatible with most commonly used fertilizers and agrochemicals. Do not mix with concentrated phosphate or sulphate solutions. It is recommended to carry out a test before preparing any mixture and to consult technically authorised personnel.