



Opti-Cal™

A New Direction in Foliar Calcium

10% CaO w/w

Benefits

- › Protects against calcium related disorders.
- › Rapidly lifts calcium to quickly firm fruit and vegetable crops.
- › Opti-Cal will radically strengthen cell structure, which will aid the crop to reduce the ingress of microbial and fungal pathogens.
- › Eliminates the customary leaf burn associated with high Ca foliar fertilisers.
- › Improves the shelf life of the fruits and vegetables.
- › MAS technology and Opti-Cal work together to reduce crop stress.
- › Opti-Cal is cost effective and will tank mix with pesticides, PGR's and nutrient products even those containing phosphates and sulphates.

Opti-Cal™ is a registered EC fertilizer.

Crops

Brassicas, leafy salads, root crops, legumes, tree fruit, soft fruit and ornamentals.

Directions for Use

Opti-Cal is intended for foliar use. Application rates will vary depending upon crop (see reverse). Use sufficient water to ensure thorough coverage. Recommended rate is 200-1000 litres per Ha depending on crop requirement and spray mix.

Opti-Cal is very safe on leaf however if mixed with other products, avoid applications in full sun and when temperatures exceed 26°C.

Application

The quantity of water applied ideally should be 400-500L/ha. Due to concentration of Ca use only when actually necessary; always take the indications of crop and soil/tissue analyses into consideration. Do not exceed recommended application amounts. For optimum results apply to dry leaves.

Crop	Application and Timing
 Top Fruit	To prevent calcium related disorders, increase fruit number and size and to increase storage potential apply 2 to 3 applications during flowering from pink bud to fruit set, each at 2.0 litres of Opti-Cal per hectare, and 2 to 4 applications, each at 2.0 litres of Opti-Cal/Ha pre-harvest.
 Stone fruit	To improve the calcium supply and for firmer and stronger fruit apply 2 to 6 applications, each at 2.0 litres of Opti-Cal/Ha, during flowering from white bud through to harvest.
 Berry Fruit	For increased firmness and stable, larger berries, apply 1.0-2.0 litres of Opti-Cal/Ha, every two weeks from planting through to harvest. During periods of heat or high stress apply 2.0 litres of Opti-Cal every 7-10 days.
 Grapes	For firmer fruit, improved skin finish and to reduce calcium related disorders apply 2.0 litres of Opti-Cal/Ha from production of inflorescences through to harvest. Repeat every 10-14 days.
 Vegetable Crops	To reduce the risk of calcium disorders or to improve quality and shelf/storage life, apply 2.0 litres of Opti-Cal/Ha at 14 day intervals and repeat as necessary. 3-5 applications are recommended during periods of peak demand.
 Fruiting Vegetables	To prevent blossom end rot and to increase fruit firmness and quality, apply 2.0 litres Opti-Cal/Ha from start of flowering until end of harvest. Apply as required at 7-14 day intervals.
 Leafy Salad Vegetables	To reduce calcium related disorders and increase leaf/head weight, apply 1.0-2.0 litres of Opti-Cal/Ha from planting to harvest. Apply at 7-10 day intervals.

Compatibility

Opti-Cal can be mixed with common crop protection agents such as pesticides and PGR's. However, because it is impossible to foresee all possible combinations, in all cases we recommend conducting a mixing test using small quantities of the products to be sprayed. Being Chelated Opti-Cal is safe to use with phosphate and sulphate containing crop protection agents and other foliar fertilisers.

Cautions

- ▶ **Fire Hazard:** Toxic fumes of sulphur dioxide on decomposition.
- ▶ **Ingestion:** Harmful if swallowed.
- ▶ **Irritant:** May cause irritation in contact with eyes and skin.

