

Opti-Cal

14% CaO w/v

A New Direction in
Foliar Calcium Delivery

**New
Stronger
Formulation!**

The creation of Opti-Cal moves calcium nutrition in a completely new direction. Opti-Cal uses a collection of technological advancements to deliver a chelated calcium that increases uptake by leaves and roots like no other calcium fertiliser.

The unique make up of Opti-Cal, along with the natural organic chemistry of its Bio-Chel chelation, synergistically work together to optimise leaf acceptance of calcium.

Within the organic formulation are specific plant extracts which work to stimulate the acceptance of intracellular solutes at higher levels especially those accepting calcium.

CROPS

- Brassicas
- Potatoes
- Legumes
- Pomme Fruit
- Vine Crops
- Berry Fruits
- Leafy Salads
- Root Crops
- Fruiting Vegetable
- Stone Fruits
- Citrus

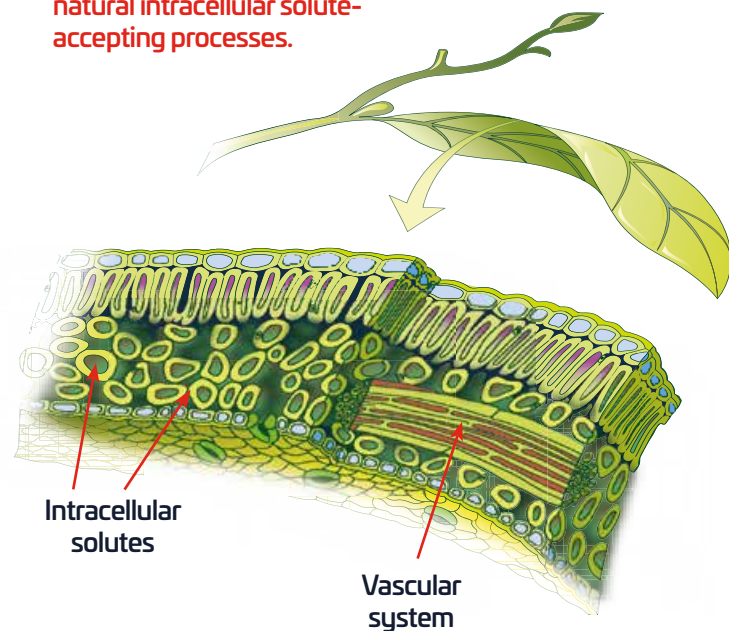
Guaranteed analysis

Calcium	10.4% w/w	14% w/v
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Benefits of Opti-Cal Liquid

- Opti-Cal liquid is the ideal foliar calcium as it provides a superior calcium source that is bio available, highly efficacious and safe to use at any stage of the growing crop..
- The chelation in Opti-Cal keeps the calcium available for the leaf and roots to use and in a form it can accept in higher levels.
- The unique collection of extracts within Opti-Cal stimulate higher leaf acceptance of calcium to correct deficiency, reduce calcium disorders and boost crop performance.
- Within the technology package are natural plant extracts which work in synergy with enzymatic processes and intracellular proteins to stimulate calcium acceptance into plant tissues at higher levels.
- For root application Opti-Cal provides a source of calcium which is accepted by the root without stimulating another growth response or creating stock mix complications.
- Opti-Cal is cost effective and will tank mix with pesticides, PGR's and nutrient products even those containing phosphates and sulphates.

Opti-Cal enhances the plant's natural intracellular solute-accepting processes.





Opti-Cal on the leaf surface

Opti-Cal contains natural surface active polymers. This ensures even calcium distribution over the leaf surface without the need for additional adjuvants.

Another advantage of this when using Opti-Cal is that the soluble component remains hygroscopic. This helps keep the calcium in a

water soluble form on the leaf so that it can diffuse and penetrate into the leaf even after the spray application has dried.

Standard spray solutions dry out in a low humidity environment while Opti-Cal remains moist and therefore active for longer.

Crop Timings and Application Rates

Crops	Application and timings	Rate litres/ha
Potatoes	To minimise tuber calcium related disorders and to aid tuber density and storage potential, apply Opti-Cal from Tuber initiation every 14 days until the head of the crop begins to drop.	2.0-4.0
Tree fruit	To prevent calcium related disorders, increase fruit number, fruit density and size and to increase storage potential apply 3-4 applications during flowering from pink bud to fruit set. From fruit set to harvest apply Opti-Cal applications at 10-14 intervals until Harvest.	2.0-3.0
Berry fruits	For increased firmness and stable, larger berries, apply Opti-Cal, foliarly, every 7-14 days from planting through harvest/s. During periods of heat or high stress apply 2.0 litres of Opti-Cal every 7 days. Opti-Cal can also be applied via the irrigation to support root calcium and to optimise calcium nitrogen balance.	2.0-3.0
Grapes	To optimise inflorescences, firmer fruit, improved skin finish and to reduce calcium related disorders apply Opti-Cal every 10-14 days from production of inflorescences through to harvest.	2.0-3.0
Vegetable crops	To reduce the risk of calcium disorders or to improve quality and shelf/storage life, apply Opti-Cal/Ha at 14 day intervals and repeat as necessary. 3-5 applications are recommended during periods of peak demand.	2.0-3.0
Fruiting vegetables	To prevent blossom end rot and to increase fruit firmness and quality, apply Opti-Cal from start of flowering until end of harvest every 7-14 days. Opti-Cal can also be applied via the irrigation to support root calcium and to optimise calcium nitrogen balance.	2.0-4.0
Leafy salads/Herbs	To reduce calcium related disorders, increase leaf/head weight and to extend bag/shelf life apply Opti-Cal from planting (if uncovered) through to harvest. Apply at 7-10 day intervals.	2.0

Compatibility

Opti-Cal is highly compatible with most agrochemicals and nutritional products however when mixing with multiple products or new products for the first time, a simple jar test is recommended.

For more detailed application rates especially irrigated rates, please contact your Engage advisor.

For more information on the Opti-Cal product, scan the QR code or speak to an Engage advisor.

Always read the label before use.



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