

# WARNING

KEEP OUT OF REACH OF CHILDREN.  
READ LABEL AND SAFETY DATA SHEET COMPLETELY BEFORE USE.

# ENCAL™



## NUTRITION

A LIQUID CALCIUM NITRATE SOLUTION FOR BOOSTING CALCIUM LEVELS IN APPLES AND THE CORRECTION OF CALCIUM DEFICIENCIES IN MOST CROPS, FRUIT AND VINES.

*grochem*

Contains: Calcium 11.0% (as nitrate), Nitrogen 9.0% (as nitrate), Magnesium 1.2% (as nitrate), Boron 0.076% (as boric acid), Zinc 0.06% (as chelate), Iron 0.12% (as chelate), Manganese 0.06% (as chelate), Copper 0.06% (as chelate), Molybdenum 0.001% (as molybdate). Also contains a penetrating non-ionic surfactant for improving uptake.



NET CONTENTS  
**15L**

**MANUFACTURED & DISTRIBUTED BY:** AgriNova New Zealand Ltd,  
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# ENCAL™

**PLEASE READ LABEL COMPLETELY BEFORE USE.**

**Harmful if swallowed. Causes serious eye irritation.  
Suspected of damaging fertility or the unborn child.  
Harmful to terrestrial vertebrates.**

**FIRST AID:** If exposed, concerned or if symptoms persist, get medical advice/attention.

If medical advice is needed, have product container or label at hand.

If Swallowed: Rinse mouth. Immediately call a POISON CENTRE/Doctor.

If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If on Skin: Wash with plenty of soap and water.

If Inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing.

**24-hour Emergency Telephone Number – For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately. Have product container or label at hand.**

**For specialist advice in an emergency only, call CHEMCALL (24hrs) 0800 243 6225. In a transport emergency dial 111.**

**HANDLING ADVICE:** Use only outdoors or in a well ventilated area. Avoid breathing mist or spray. Do not eat, drink or smoke while using this product. Wash thoroughly after handling. Wear eye and face protection. Wear

impervious protective gloves and clothing. Wash contaminated clothing before reuse. Avoid release to the environment.

**SAFETY DATA SHEET:** A Safety Data Sheet is available from Grochem or [www.grochem.com](http://www.grochem.com)

**STORAGE & TRANSPORT:** Store locked up in a cool dry place away from foodstuffs. Do not carry more than 5L on a passenger service vehicle.

**DISPOSAL:** Dispose of product by using as directed on this label or at an approved landfill. Triple-rinse empty container into the spray tank, and deliver to a recycling collection depot (e.g. Agrecovery [www.agrecovery.co.nz](http://www.agrecovery.co.nz)).

**CONDITIONS OF SALE:** As no control can be exercised over the manner in which or the conditions under which this product is used, all conditions and warranties expressed or implied, other than those required by statute are excluded. No responsibility will be accepted for any damage or injury whatsoever arising from the storage, handling, application or use of this product.

Approved Pursuant to the HSNO Act 1996, under the Fertilisers (Subsidiary Hazard) Group Standard HSR002571. See [www.epa.govt.nz](http://www.epa.govt.nz) for approval conditions.



6CENC/0724

## DIRECTIONS FOR USE:

Apples require high levels of calcium to minimise storage disorders, especially bitter pit. A season long regular foliar application of calcium sprays, beginning and finishing with Calcium 175™ has proven to be most effective. Calcium 175, a calcium chloride based product, should be the growers' product of choice. However, some growers have a need for early nitrogen and additional micronutrients and in this case Encal should be used.

Encal may be applied with most herbicides, insecticides, fungicides or nutrient sprays. It is compatible with most chemicals, but for unknown or doubtful chemicals a test mix should be made up. Generally, Encal should be added before most chemicals, except where a product data sheet specifies otherwise i.e. cupric hydroxide. Always apply diluted or mixed chemicals immediately, do not store.

**RATES AND TIMING:** Encal should be applied in low light conditions in the morning, evening or on cloudy days. Do not apply during periods of high sunlight, during rain or prior to expected rain. Avoid spraying under fast or slow drying conditions.

**WATER RATE:** For orchard use, use at least 500L/ha. Dilute spray application is best. Calculate spray volume so that actual water rate is just to run-off.

CROP	RATE & TIMING
<b>Pipfruit seasonal usage</b>	Use a minimum of 100L spread throughout the season. For varieties prone to calcium disorders, ensure that at least 150L of Encal or Calcium 175 is applied over the growing season. EARLY SEASON: Begin the week after petal fall and apply a total of 30L/ha over the next 30–35 days as 3–4 applications of 7.5–10L/ha at 7–10 day intervals. MID SEASON: Apply 7.5–12.5L/ha at 10–14 day intervals. LATE SEASON: Make 3 applications, each 10–12.5L/ha at 7 day intervals with the last application 7–10 days prior to harvest.
<b>Kiwifruit</b>	To improve fruit firmness, size and storage use 3–5L/ha. Apply at end of flowering, repeat 10–14 days later.
<b>Other crops</b>	Contact Grochem for advice.