

WARNING

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



CALCIUM 175TM

PLANT NUTRITION

A UNIQUELY BUFFERED LIQUID CALCIUM FOR BOOSTING CALCIUM
LEVELS IN APPLES AND THE CORRECTION OF CALCIUM DEFICIENCIES
IN MOST CROPS, FRUIT AND VINES

grochem

Contains: Calcium 17.5% (as chloride). Also contains a penetrating non-ionic surfactant
for improving uptake.



NET CONTENTS
20L

GCA175/0525

MANUFACTURED BY: ADAMA New Zealand Ltd.

DISTRIBUTED BY: Grochem®, a brand of ADAMA New Zealand Limited

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CALCIUM 175™

PLEASE READ LABEL COMPLETELY BEFORE USE

WARNING: Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Harmful to terrestrial vertebrates.

FIRST AID:

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
IF SWALLOWED: Immediately call a POISON CENTRE or doctor.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical advice/attention.

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.

STORAGE AND TRANSPORT: Store in a cool place away from foodstuffs. Do not carry more than 5L on a passenger vehicle.
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 hands, face and all exposed skin thoroughly after handling. Wear eye and face protection and suitable respirator. Wear impervious protective gloves and clothing. Wash contaminated clothing before reuse. Avoid release to the environment.
DISPOSAL: Dispose of contents/container in accordance with local, regional, national and international regulations. 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).
CONDITIONS OF SALE: Grochem®, a brand of ADAMA New Zealand Limited (Grochem) will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of Grochem is limited to the replacement of the goods or (at the option of Grochem) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Grochem within thirty days of delivery.

Approved Pursuant to the HSNO Act 1996, under the Fertilisers – Subsidiary Hazard group standard HSR002571. See www.epa.govt.nz for approval conditions.

DIRECTIONS FOR USE:

Calcium 175 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 Calcium 175 should be added before most chemicals, except where a product data sheet specifies otherwise (e.g. cupric hydroxide). Always apply diluted or mixed chemicals immediately, do not store.
Apples require high levels of calcium to minimise storage disorders, especially bitter pit. A season long regular foliar

application of calcium sprays, beginning and ending with Calcium 175 has proven to be most effective.
RATES AND TIMING: Calcium 175 should be applied in lowlight 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.

APPLICATION RATES:

GCA175/0525

CROP	CRITICAL COMMENTS
Pipfruit – Seasonal Usage	Use a minimum of 100L spread throughout the season. For varieties prone to calcium disorders, ensure that at least 150L of 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.
Drenching	Use at 1.25L per 100L. Refer to Technical Bulletin (Call Grochem).
Summer fruit: Peach, Nectarines, Apricot, Cherry, Plum	5L/ha, 7-10 days after fruit set, 1-2 applications, apply at 7-10 day intervals. From 30 days after fruit set 10L/ha, apply at 7-10 day intervals. Pre-harvest, 4 weeks pre and 2 weeks pre apply 10L/ha. Water rate min 500L/ha.
Kiwifruit	5L/ha, 7-10 days after fruit set, 1-2 applications, apply at 7-10 day intervals. From 30 days after fruit set 5L/ha, apply at 7-10 day intervals. Pre-harvest, 4 weeks pre and 2 weeks pre apply 10L/ha. Water rate min 500L/ha.
Avocado	5-10L/ha from fruit set, apply at 7-10 day intervals. Water rate: min 500L/ha.
Brassicas	5L/ha, 2-3 applications, from stem extension, apply at 10-14 day intervals. Water rate: min 200L/ha.
Capsicum, Pepper, Tomato (Field Grown)	5L/ha, 1-4 applications, from flowering of 2nd truss, apply at 7 day intervals. Water rate: min 50L/ha.
Citrus	20L/ha, commencing when fruit reach 40-50mm diameter, apply at 14 day intervals. Water rate: min 1000L/ha.
Cucumber, Cucurbits, Melon, Pumpkin, Squash, Water Melon, Zucchini (Field Grown)	5L/ha, from fruit set, apply at 7-10 day intervals. Water rate: min 200L/ha.
Grapes	5L/ha. Apply between fruit set and veraison. Repeat as necessary.
Lettuce (Field Grown)	5L/ha, Start application 10-14 days after transplanting or emergence. Apply at 7-10 day intervals. Water rate: min 50L/ha.
Mango	5L/ha, from early fruit set to fruit swelling. Apply at 7-10 day intervals. Water rate: min 500L/ha.
Olives	5-10L/ha, from fruit set until week before harvest. Apply at 7-10 day intervals. Water rate: min 500L/ha.
Onions	5-10L/ha, apply from bulb swelling. Apply at 7-10 day intervals. Water rate: min 200L/ha.