

Omex CalMax®

FUNCTION

Calcium is a primary constituent of all cell walls and membranes. Restrictions in the availability of calcium will adversely affect cell division, impair the structural stability and the permeability of cell walls. Increasing fruit calcium promotes longer storage life and resists a range of physiological break down conditions including water core, bitter pit and internal browning.

DESCRIPTION

Omex CalMax® is a fully water soluble fluid emulsion product containing 22.5% calcium and a balanced range of micro elements. Omex CalMax® is specifically formulated for use as a foliar fertiliser and can be applied to all fruit and vegetable crops to improve fruit firmness, storability, colour and skin finish.



Analysis of Omex CalMax®

			Wt/Wt*	Wt/Vol
Nitrogen	N		10.00%	15.00%
Calcium	CaO		15.00%	22.50%
Magnesium	MgO		2.00%	3.00%
Manganese	(EDTA) Mn		0.10%	0.15%
Iron	(EDTA) Fe		0.050%	0.075%
Boron	B		0.050%	0.075%
Copper	(EDTA) Cu		0.040%	0.060%
Zinc	(EDTA) Zn		0.020%	0.030%
Molybdenum	Mo		0.001%	0.0015%
pH (10% solution)			5.5-6.5	
Specific Gravity			1.48-1.52 @ 18°C	

*For registration purposes Wt/Wt concentrations are recommended.

DIRECTIONS FOR USE

The spray tank should be filled with half of the required amount of water. Measure the required amount of Omex CalMax® and add to the tank whilst maintaining constant agitation. Add remaining water to correct dilution. Spray.



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DILUTION: Recommended water rate is
500-1500 Litres per hectare

Always shake container before opening



Recommendations for use:

CROP	CONDITION CONTROLLED	RATE l/ha	RATE ml/100l	APPLICATION DETAILS
Apples	Bitter pit	3.5 – 5.0	350 – 500	5-7 applications starting at the first signs of growth. Combine with cover sprays
Avocados	Pulp spot	4.0 – 8.5	400 – 850	Multiple applications
Broccoli	Brown head	3.5 – 5.0	350 – 500	4-6 applications starting shortly before head formation
Brussels Sprouts	Internal browning	4.0-8.5	400 – 850	Multiple applications
Cabbage, Cauliflower, Lettuce, Endive	Tip burn	3.5 – 5.0	350 – 500	4-6 applications starting shortly before head formation
Celery, Chicory	Black heart	3.5 – 5.0	350 – 500	Weekly applications starting before black heart symptoms arise
Cherries, Plums	Cracking	3.5 – 6.0	350 – 600	3-4 applications starting 6-8 weeks before harvest
Chinese Cabbage	Tip burn	2.5 – 5.0	250 – 500	2-4 applications per season
Cotton	Square shedding	6.0	600	3 applications between 5-7 leaf stage and flowering
Cucumbers, Melons, Peppers, Tomatoes	Blossom end rot	1.5 – 3.5	150 – 350	6-12 applications during periods of heat stress
Grapes	Reduction of stem dieback and shot berry	5.0 – 10.0	500 – 1000	3-4 applications from beginning of berry softening to maturity
Table Grapes	Improved fruit finish and storability	5.0 – 6.0	500 – 600	3-4 applications from beginning of berry softening to maturity
Kiwi	Blossom end rot	4.0 – 8.5	400 – 850	Multiple applications
Ornamentals	Improved vase life	2.5	250	Weekly applications
Peaches, Nectarines	Improved fruit firmness	3.5 – 5.0	350 – 500	4-5 treatments from fruit-set
Potatoes	Internal brown spot	2.5 – 5.0	350 – 500	Multiple applications during periods of heat stress
Pears	Superficial scald	4.0 – 8.5	400 – 850	Multiple applications
Strawberries and other berries	Increased fruit firmness	3.0	300	3 applications in conjunction with last pre-harvest pesticide sprays

TANK MIXING COMPATIBILITY

Omex CalMax® is compatible with most, but not all, pesticides, growth regulators and micro-nutrients with regard to physical tank mixing and biological effects on the crop. However, Omex cannot accept any liability for any loss or damage as not all pesticides have been tested and because the efficacy of any mix will depend on, among other factors, the pesticide concerned, crop conditions, growth stage, weather and volumes of water used. Do not mix with phosphates or sulphates.

PRECAUTIONS

Omex CalMax® should be stored in frost free conditions with optimum storage range between 5-40°C. Omex CalMax® is a non-hazardous and non-flammable foliar fertiliser. Gloves and face shield should be worn when handling the concentrate. In situations of prolonged storage there may be slight settling of the nutrient particles. This is reversible on shaking.

PACKING - Omex CalMax® is available in HDPE drums of 0.25L, 0.5L, 1L, 3L, 5L, 10L capacity. Drums are fitted with tamper evident closures. 200 and 1000 Litre mini bulk available.

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