

CALCIMAX®

Reg. No. K5999, Act No.36 of 1947
Botswana Reg. No. W1301517, Act No. 18 of 1999
Namibian Reg. No. N-F 1412

FERTILIZER GROUP 2

LIQUID ORGANIC CALCIUM COMPLEX

A liquid organic calcium complex for use as a foliar nutrient on various crops to prevent or correct calcium deficiencies and related physiological disorders.

ACTIVE INGREDIENTS:

Calcium (Ca).....	78.5 g/kg	(100 g/l)
(Carbohydrate chelate complex)		
Boron (B)	5.08 g/kg	(6.5 g/l)

CONTENTS:

NOT CLASSIFIED ACCORDING TO GHS

GHS PRECAUTIONARY STATEMENT

Wash thoroughly after handling



REGISTRATION HOLDER:

Nulandis® (A division of AECI Limited)

Reg. No. 1924/002590/06

P.O. Box 14418

Witfield, 1467

Tel : (011) 823 8000

www.aeciph.com/www.aeciworld.com

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BATCH NO.

UN NO: **Not regulated**

RELEVANT SUBSTANCES:

Substance name (IUPAC/EC)	CAS –No.	Concentration % By weight	Classification
	EC-No.		EC1272/2008
Boric acid	10043-35-3	1-3%	None as <5.5 % cut-off for Reproductive toxicity (Category 1B) H360 FD.
	233-139-2		

NOTE: The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **CALCIMAX** and is therefore, in terms of the South African Regulations for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

CALCIMAX is compatible with most commonly used foliar feeds. Do not use with products which contain high phosphorous, phosphite and sulphur levels including Lime sulphur or Bordeaux mixture. However, it is recommended to do a compatibility test on a small area and observe the treated area for 3 days before doing commercial applications. Where overhead systems are in use, avoid scheduling irrigation directly after application. In orchards equipped with micro irrigation systems, spray deposits should not be affected by irrigation.

Use the lower concentration for maintenance and the higher concentration for sufficient uptake.

APPLICATION TABLE:

CROP	DOSAGE/ha OR AS INDICATED	APPLICATION METHOD
POMEFRUIT: Apples (Bitter pit) Pears	450 ml + 10 ml Biodew (Reg. No. L8120, Act No. 36 of 1947) / 100 ℓ water to a maximum of 15 ℓ/ha	Apply as a high volume foliar application in a regular programme commencing in mid November till January/February with 7 - 10 day intervals (6 - 8 sprays and 6 - 12 sprays for Bitter Pit sensitive cultivars). Young active growing bearing orchards where shoot length of more than 45 cm occurs, should receive at least 8 applications. Apply in 1 000 – 3 000 ℓ spray mixture per ha with lower volumes on young open trees and the higher volume sprays on large dense trees.
Citrus	300 - 500 ml/100 ℓ water to a maximum of 15 ℓ/ha	Apply as a medium cover spray in 1 000 - 3 000 ℓ water/ha. Apply at fruit set.
Potatoes (Hollow heart, Brown spot) (improved shelf life and heat tolerance)	500 ml/100 ℓ water to a maximum of 4 ℓ/ha	Apply at tuber initiation followed by a further 3 sprays with 10 - 14 day intervals. Apply in no less than 500 ℓ water/ha.
Tomatoes Peppers (Blossom-end rot)	500 ml/100 ℓ water to a maximum of 4 ℓ/ha	Apply from first fruit set and repeat at 7 to 10 day intervals. Apply in no less than 500 ℓ water/ha.
Cucurbits (Watermelons, Cucumbers, etc.) (Blossom-end rot)	500 ml/100 ℓ water to a maximum of 3 ℓ/ha	Apply from first fruit set and repeat at 14 day intervals. Apply in no less than 500 ℓ water/ha.
Brassicas Lettuce	500 ml/100 ℓ water to a maximum of 3 ℓ/ha	Apply 2 - 3 sprays in a regular programme with 7 to 10 day intervals from heading. Apply in no less than 300 ℓ water/ha. Add a wetter such as Biodew .
Celery (Black heart)	500 ml/100 ℓ water to a maximum of 3 ℓ/ha	Apply in a regular programme with 7 day intervals as a directed spray after establishment of transplanted seedlings. Apply in no less than 300 ℓ water/ha.
SUBTROPICAL FRUIT & NUTS Mangoes, Avocados, Macadamias, Pecan nuts, Bananas, Litchi (Fruit colouring and internal fruit quality)	500 ml/100 ℓ water to a maximum of 15 ℓ/ha	Apply as a medium cover spray in 1 000 - 3 000 ℓ water/ha during flowering and apply a follow-up spray, two weeks later.
STONEFRUIT: Apricots, Peaches, Plums	500 ml / 100 ℓ water to a maximum of 5 ℓ/ha 250 ml + 10 ml Biodew / 100 ℓ water to a maximum of 7,5 ℓ / ha	Apply from fruit set as a medium cover spray in 1 000 - 3 000 ℓ water/ha, with 14 day intervals. Apply as a preventative treatment against Internal Breakdown during early Spring. Apply 6 applications with 14 day intervals.
Grapes	450 – 500 ml / 100 ℓ water to a maximum of 750 ml / 100 ℓ water	Apply 4 – 6 times from pea size onwards. Apply with 7 to 10 day intervals until symptoms disappear. Apply in 1 000 ℓ water / ha.
Ornamentals	500 ml / 100 ℓ water to a maximum of 5 ℓ / ha.	Apply 2 – 3 applications with weekly intervals until symptoms disappear. Ensure thorough wetting of plants.

NOTE: Spray volumes will be determined by the actual tree or plant size. The dosage is dependent on the magnitude of the deficiency.

IMPORTANT: Before applying CALCIMAX consult a qualified AECI Plant Health Crop Adviser on the necessity of using it.

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