

Calmag

Corrective treatment for physiological disorders caused by calcium and magnesium deficiencies.

Soil amendment

Mixed solutions of calcium and magnesium salts with molybdenum

CALMAG is a fertilizer based on calcium and magnesium salts, effective in preventing and treating physiological disorders caused by specific deficiencies of these two secondary nutrients.

The presence of magnesium and calcium in the proper ratio prevents antagonism between the two elements, which can otherwise lead to drying and necrosis in vegetable and fruit crops.

Calcium prevents disorders associated with calcium deficiency (such as bitter pit in apples, blossom-end rot in tomatoes, rachis drying in grapes, necrosis in lettuce, physiological drying in melons, and fruit cracking) while improving fruit quality, firmness, and shelf life. Magnesium stimulates chlorophyll formation and enhances photosynthetic activity, leading to higher sugar concentrations and more intense coloration in leaves and fruit.

The CALMAG formulation is rounded out by the presence of molybdenum; in addition to reducing the tendency for rachis drying, it promotes nitrate reductase activity, thereby reducing stress and counteracting free radicals.

CALMAG allows for rapid and effective intervention at any stage of the crop cycle, whether applied via foliar spray or fertigation.

- Corrects physiological disorders caused by calcium and magnesium deficiencies.
- Improves crop quality parameters.
- Recommended for use on fresh-cut produce.
- Highly assimilable via both foliage and roots.

REGISTRATION

SIAN Registry No. 0014355/15

COMPOSITION (% w/w)

Calcium oxide (CaO) 6%
Magnesium oxide (MgO) 7%
Molybdenum (Mo) 0.2%

PHYSICAL PROPERTIES

pH (1% solution) 5.3
Density (g/ml, 20°C) 1.4
Color Colorless

FORMULATION

Soluble liquid

PACKAGING

Bottle 1 L
Canister 5 L
Canister 20 L

SHIPPING UNIT

16 x 1 L packs
4 x 5 L packs
32 x 20 L packs

APPLICATION

Foliar
Root/Soil



1L



5 L



20 L

MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Foliar	Fruit, vegetable, and ornamental crops; industrial crops.	2–4 applications throughout the cycle	350 – 400 ml/100 L of water
Radical	Fruit, vegetable, and ornamental crops; industrial crops.	2–4 applications throughout the cycle	20 – 25 L/ha

Precautions: Do not mix with products containing alkaline phosphates or those that are excessively alkaline. Shake the product well before use. Conduct preliminary tests before mixing with other products. Adhere to the specified dosages. The product is non-combustible and stable under ordinary temperatures and pressures. Store the product in well-ventilated areas at temperatures between +5°C and +35°C.



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