

Magnecal

IMPROVER OF FRUIT TEXTURE AND SHELF LIFE

CORRECTIVE AGENT

MIXED SOLUTIONS OF CALCIUM AND MAGNESIUM SALTS

MAGNECAL is a liquid fertilizer based on calcium and magnesium complexed with ammonium lignosulfonate—an organic lignin molecule capable of penetrating the leaf cuticle and transporting these two elements into plant tissues, making them readily available to correct physiological disorders caused by deficiencies.

Calcium strengthens cell walls, enhancing tissue mechanical resistance and improving fruit quality, firmness, and shelf life.

Magnesium stimulates chlorophyll formation and enhances photosynthetic activity, promoting higher sugar levels and more intense coloration in leaves and fruit.

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

- Corrects physiological disorders caused by calcium and magnesium deficiencies.
- Increases the sugar content of the fruit.
- Improves the shelf life of the produce.
- Highly assimilable via both foliage and roots.

REGISTRATION

SIAN Registry No. 0014354/15

COMPOSITION (% w/w)

Calcium oxide (CaO) 12%

Magnesium oxide (MgO) 4%

PHYSICAL PROPERTIES

pH (1% solution) 7.2

Density (g/ml, 20°C) 1.34

Color Dark brown

FORMULATION

Soluble liquid

PACKAGING

1 L bottle

5 L jug

SHIPPING CARTON

16 x 1 L bottles

4 x 5 L jugs

APPLICATION

Foliar

Root/Soil



1 L



5 L

MODE OF USE	CULTURE	WHEN TO APPLY IT	DOSES
Foliar	Fruit, vegetable, and ornamental crops; industrial crops.	2–4 applications throughout the cycle	300 – 500 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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