

Calmix

Calcium absorption promoter



EC FERTILIZER

CALCIUM CHLORIDE SOLUTION WITH BORON

CALMIX is a liquid calcium-based fertilizer specifically designed to prevent and treat major physiological disorders caused by calcium deficiency (such as bitter pit in apples, rachis drying in grapevines, blossom-end rot in tomatoes, hollow heart in carrots, leaf tipburn in lettuce, strawberries, and cucurbits, and physiological drying in melons and watermelons). Calcium is essential for vegetative development, as it strengthens and thickens cell walls—thereby influencing the firmness and crispness of fruits and vegetables. Furthermore, it acts as an enzyme activator, regulates carbohydrate translocation, and balances the uptake of other cations such as sodium, potassium, ammonium, and magnesium. However, calcium often exists in the growing medium in a form that is virtually immobile and difficult for the plant to absorb. CALMIX enhances the bioavailability of this element, promoting rapid and effective uptake. This is achieved through the synergistic action of boron, which facilitates the translocation of calcium within plant tissues.

- Confers greater mechanical strength on cells and tissues.
- Reduces susceptibility to damage.
- Improves fruit quality parameters.
- Enhances the shelf life and quality of the produce.
- Highly assimilable via both foliage and roots.

REGISTRATION

SIAN Registration No.
0014364/15

COMPOSITION (% w/w)

Calcium oxide (CaO) 12%
Boron (B) 0.2%

PHYSICAL PROPERTIES

pH (1% solution) 7.33
Density (g/ml, 20°C) 1.16
Color Colorless

FORMULATION

Soluble liquid

PACKAGING

1 L bottle
5 L container
20 L container

SHIPPING PACK

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

APPLICATION

Foliar
Root/Soil



1 L



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	500 – 600 ml/100 L of water
Radical	Fruit, vegetable, and ornamental crops; industrial crops.	2–4 applications throughout the cycle	7 – 10 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.

