



IonCa++[®]

Calcium nitrate solution
according to M.D. 50424/2025

GUARANTEED COMPOSITION (w/v)

- Total Nitrogen..... 9%
- CaO water soluble..... 15,4%
(Ca 11%)

pH: 4

PREVENTION - TREATMENT OF CALCIUM NUTRITION



PROPERTIES: IonCa++ is an innovative calcium nitrate solution foliar fertilizer. Due to the ionic technology it has, it is absorbed directly by the echinoderm, creating a thin layer (film) on the leaf surface, preventing crystallization. Thanks to its innovative technology, the absorption of calcium is faster, more efficient and safer compared to traditional forms of fertilizers.

THE ROLE OF CALCIUM: Calcium plays an extremely important role in the production of plant tissues and in better plant growth. ● It is vital for the division of plant cells and the strengthening of cell walls. ● Improves the absorption of nutrients from the roots and their transport to the plant tissues. ● Activates the enzymes that regulate plant growth. ● Helps in the conversion of nitrate nitrogen for the formation of proteins. ● Contributes to the improvement of plant resistance to diseases.

THE ROLE OF NITROGEN: Nitrogen is vital for all crops. It is the key element in fertilization, to control the vegetation and by extension the fruiting of the trees. ● It is a structural component of the chlorophyll molecule and is responsible for photosynthesis. ● It is necessary for the utilization of carbohydrates. ● It is a component of enzymes. ● It is a component of amino acids, which are the structural units of proteins. ● Finally, nitrogen favors the uptake and utilization of other nutrients.

Advantages of IonCa++: ● Improves the firmness and storability of fruits. ● Reduces fruit cracking. ● Reduces the occurrence of normal physiological disorders due to the lack of calcium during the growing year and during storage. ● Regulates hormonal balance. ● Influences the good condition and growth of plants and increases the defense of plants against diseases. ● The pH in 1% aqueous solution is 4.0, with a great advantage for combining it with other products.

Operations on the plants must be done several times during the growing season, especially in cases of increased demand of the plants in calcium to eliminate nutritional deficiencies. Ideal spraying conditions are late afternoon or cloudy and on dry plants.

METHOD AND TIME OF APPLICATION, CROPS: IonCa++ is applied to all crops such as horticulture, strawberries, potatoes, legumes, arable crops, fruit trees, citrus trees, kiwifruit, vines, olives, pomegranates, ornamentals, lawns, preventively or therapeutically during vegetative development. Creates a homogeneous (without aggregates) and stable aqueous solution. It is applied by foliar spraying (foliar), with universal and uniform wetting until runoff.

DOSAGE: General dosage: 200ml-300ml / 100 liters of water. Interval between applications: Approximately 7-10 days.

COMPATIBILITY: Combines / mixes with most agrochemical preparations except very alkaline ones. Not compatible with fosetyl-Al.

STORAGE CONDITIONS: Store in its original closed packaging, at a temperature of 0-34°C, in a closed warehouse, protected from extreme temperatures, fire and moisture. Keep away from children, food and feed.

Packages:

200ml / 500ml / 1LT

It's not a plant protection product

NitroFarm SA is certified with EN ISO 9001:2015 Quality Management System
and EN ISO 14001:2015 Environmental Management System



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— since 1976 —