



IonCa++[®]

Ionic Concentrated Calcium

Calcium Fertilizer

PREVENTION - TREATMENT OF CALCIUM NUTRITION

EC FERTILIZER

GUARANTEED COMPOSITION (w/v)

- Total Nitrogen..... 9%
- CaO water soluble..... 15,2% (Ca 11%)

IONIC CALCIUM
CaO - H₂O



PROPERTIES: IonCa++ is an innovative CALCIUM-NITROGEN foliar fertilizer. Its innovation is based on ionic liquid fertilizer technology. Due to its ionic technology, it is absorbed directly by the hymenida, creating a thin layer (film) on the leaf surface, preventing crystallization.

Thanks to its innovative technology, calcium uptake is faster, more efficient and safer than conventional 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++: ● Increasing fruit firmness. ● Promotes the health and growth of the plant. ● Reduction of physiological disorders due to the lack of calcium during the growing year and during storage. ● Promotes hormonal balance. ● 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 water fertilization or by foliar spraying (foliar), with universal and uniform wetting until runoff.

DOSAGE: **Trees:** Recommended dosage: 0.5% - 1.0% (50 ml - 100 ml of the formulation per hectare). Interval between applications: About 10 days. **Small fruits:** Recommended dosage: 0.4% - 0.6% (40 ml - 60 ml of the formulation per hectare). Interval between applications: Approximately 7-10 days. **Strawberries:** Recommended dosage: 0.4% (40 ml of the formulation per hectare). Interval between applications: Approximately 7 days. **Field and greenhouse vegetables:** Recommended dosage: 0.5% (50 ml of the formulation per hectare). Interval between applications: About 10 days.

In cases of severe calcium deficiency (e.g. Dry top on tomato), the first 2-3 operations with a concentration of 0.7%.

COMPATIBILITY: Combines / mixes with most agrochemical preparations. It does not combine with fosetyl-Al and chlorpyrifos.

STORAGE CONDITIONS: Store in its packaging, at a temperature of -40C, in a closed warehouse, protected from extreme temperatures, fire and moisture.

Packages:

200ml / 500ml / 1LT

It's not a plant protection product

suitable for use in organic farming, according to the requirements of Regulations EU 848/2018 & 1165/2021



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



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NitroFarm

— since 1976 —