



NITROCALCIO®

Liquid fertilizer based on calcium and nitrogen

CHARACTERISTICS

NITROCALCIO is a liquid fertilizer with a high calcium and nitrogen content, ideal for soil irrigation and foliar treatments. In NITROCALCIO nitrogen is present in the nitrate form.

EFFICACY

- ✓ *Liquid fertilizer for soil irrigation and foliar treatments*
- ✓ *It prevents the physiopathies from calcium-deficiency*
- ✓ *Easy to use*
- ✓ *Nitrogen readily available to the plant*

Calcium is an essential element for the growth of plants. It is present in the median lamella of the cells, and exercises a balancing function on the content of organic acids. Calcium is responsible for the distension, and for the consistency of the vegetative tissues, and it increases cellular permeability. Unfavourable climatic factors can influence its absorption and can lead to deficiency and/or to obvious pathogens.

Nitrogen is the basic element of growth, of the development and the production of plants. It is absorbed by the roots mostly as nitrate and used in the synthesis of the chlorophyll, amino acids, the proteic substances and enzymes, and the DNA.

NITROCALCIO, has a balanced presence of calcium and nitrogen, that stimulates quickly the vegetative development, the growth, and the quantitative levels of production of the plant. Improving quality of the fruit reduces the pathogens like desiccations, rolling up, apical rottenness, bitter pit, and splits of the pulp. NITROCALCIO has a positive influence on the post-harvest shelf life of fruit and cut flowers.

It is useful, therefore, when rapid growth of the green parts of the plant (leaves, buds and small fruits) are desired with firm tissues resistant to pathologies and parasitic attack.

Repeated applications are advised during the whole growing cycle and should be added to other water-soluble fertilizers (NUTRIGOLD, AMINOLEAF) with low contents of nitrogen.

RESULTS

NITROCALCIO, applied during the whole life cycle, stimulates a harmonic development of leaves, buds and fruit with characteristics of elevated quality, consistency and resistance.

COMPOSITION

	% w/w	% w/v
Nitrogen total (N)	8	11,2
Nitric nitrogen	8	11,2
Calcium oxide (CaO) soluble in water	14	19,6

SPECIFICATION Density 1400 g / lt pH 4.0 E.C. (Sol. 0.1%) 690 µS/cm

STATE Liquid **APPLICATION** Soil and foliar

DOSES, WAY, TIME OF APPLICATION

Crops	Application rate	N° and time of applications
Fruit trees	Soil-greenhouse: 8-10 ml/m ²	Repeated applications at 15-20 days intervals, during the first vegetative stages, after fruit-setting and in the first stages of fruit swelling
Vegetables		
Leafy vegetables	Soil open ground: 60-70 l/ha	
Flowers		
Ornamental shrubs and trees, lawns	Foliar: 200-350 ml/hl (2-4 l/ha)	
Industrial plantings		

PACKAGING 20 lt can

NOTES NITROCALCIO is employed with success, for foliar and soil applications, and added to organic products (ALBAMIN, AMINOTON, LONITE, MIXAMIN, BIOLINFA). It is advantageous to use NITROCALCIO with other water-soluble fertilizers (NUTRIGOLD, AMINOLEAF) that have low nitrogen content.

WARNING The product is stable from +5°C to +35°C. It must be kept in airy, cool, dry places, far from sources of heat/ignition and it must be protected from sunlight.