

ERGOFERT CALCIO



NITROGEN ORGANO-MINERAL FERTILIZER IN SUSPENSION WITH SECONDARY ELEMENTS

1 L flagon
5 L tank



HOW IT WORKS

- Gives greater consistency to green tissues and improves their lignification;
- Increases the thickness of cell membranes and the resistance to diseases;
- Makes the fruits firmer, more compact and the peel more elastic and resistant, reducing the cracks, therefore resulting in a minor incidence of rots;
- Increases the shelf life of the bunch under covering and its resistance to transport;
- Does not interfere with the assimilation of Iron (Fe);
- Increases the percentage of dry matter;
- Prevents the onset of harmful physiological disorders such as bitter pit on apple, apical rot of tomato, tip burn of lettuce, peach fruit internal rot, fruits and berries cracking;
- Favors the activities of handling and storage of fruits before they are put on the market.

The microbiological ensemble, consisting of rhizosphere bacteria (*Pseudomonas* spp., *Bacillus* spp., *Actinomycetes*), Saprophytic fungi (*Trichoderma* spp.), humic and fulvic acids, enzymes, brings the following benefits:

- Improves the translocation and assimilation of nutrients in all plant organs;
- Produces phyto stimulating substances and strengthens the immune system of plants, making them more resistant to all plant diseases;
- Increases the transformation of organic residues present in the soil into humus;
- Increases soil capacity to contrast pathogenic microorganisms.

Calcium is one of the primary elements that determine the quality of any fruit and in detail of the bunch of grapes. Even in soils where it is present, it is often absorbed and translocated insufficiently to meet the needs of plants. The presence of enzymes, aminoacids and organic carbon ensures rapid and high absorption by cuticular and stomatal way as well as rapid translocation into the tissues.

COMPOSITION

Nitrogen (N) tot. 8%, Organic Nitrogen (N) 0.5%, Nitric Nitrogen (N) 4.5%, Ureic Nitrogen (N) 3%, pH = 6.5, organic matter with nominal molecular weight <50 KDa minimum 30%, Calcium as Calcium oxide (CaO) 8%, Organic carbon (C) of biological origin 4%, Rhizosphere bacteria (*Pseudomonas* spp., *Bacillus* spp., *Actinomycetes*), Saprophytic fungi (*Trichoderma* spp.).

ORGANIC COMPONENTS

Yeast extract, activated Carbon and addition of enzymes extracted from fermentation broths. It also contains enzymes (cellulase, protease, amylase, lipase), betaine, acid sugars, polycarboxylic acids.

Sourcing mineral fertilizers: calcium nitrate and urea.

CROPS	DOSAGE / HA	TIMING
Artichoke, tomato, eggplant, pepper, watermelon, cucumber, melon, courgette, celery, salad, parsley, etc.	3 L/ha by foliar or soil application	From transplanting till to harvest
Grape, olive tree, kiwifruit, peach, cherry, apple tree, pear, apricot, etc.	3 L/ha by foliar or soil application	Starting at fruit enlargement
Flowers and ornamentals	3 L/ha by foliar or soil application	Suitable at any timing

BITTER PIT:

3 applications starting weeks after flowering for a total of 15-18 L / ha.

PEACH FRUIT INTERNAL ROT:

3 application from stone fruit stage every 10 days for a total of 15 L / ha.

APICAL ROT:

from fruit set onward, apply every 10 days at a dosage of 2.5-5 L / ha

