



PROMET Ca[®]

Calcium complexed with amino acids



CHARACTERISTICS

PROMET CA is an innovative product constituted from calcium tied to amino acids of natural origin. PROMET CA prevents the pathogens from calcium-deficiency and it assures a better preservation of the fruit.

EFFICACY

- ✓ *Allowed in biological cropping*
- ✓ *It prevents and treats the physiopathies from calcium-deficiency*
- ✓ *High absorption and biological efficacy*
- ✓ *Easy to use and apply*

Calcium is an essential element for the growth of plants. It is responsible of the distension and the consistency of the vegetative tissues and helps cellular permeability. Unfavourable climatic factors can influence its absorption and can lead to deficiency symptoms and/or to obvious pathologies. PROMET CA is a fertilizer for both foliar treatments and for soil applications since it has an elevated biological efficacy. In the plant it facilitates absorption and translocation of calcium because of the increased permeability of the amino acids tied to the metal. It supplies the crop natural molecules - the amino acids – ready for the growth process, providing a biostimulant action without the generation of vegetal rankness and phytotoxicity. In the soil it protects calcium from the undesired reactions that normally take place.

The calcium that is in PROMET CA assures in the crops treated with it a consolidated and balanced action, promoting the consistency of tissue and absorption of other ions.

For these characteristics, PROMET CA is specific for the prevention and the cure of:

- bitter pit of apples
- apical rotteness of tomatoes and of capsicums
- split of cherries and peaches
- desiccation of lettuce leaves
- black heart in celery
- hollow heart in carrots
- suberosa spot and riscaldo molle of pears

RESULTS

With application of PROMET CA a better germination can be obtained and maturation of the pollen, better distension of leaves and buds, a greater consistency of pulp of the fruit, and a better post-harvesting shelf life of the products.

COMPOSITION

	% w/w	% w/v
Organic Nitrogen (N)	3,1	4,0
Organic nitrogen (N) soluble	3,1	4,0
Organic carbon (C)	9,9	12,8
Calcium oxide (CaO) soluble in water	10,1	13,0

SPECIFICATION

Density 1290 g / lt pH 4.0 ± 0.5

STATE

Liquid

APPLICATION

Foliar and soil

DOSES, WAY, TIME OF APPLICATION

Crops	Application rate	N° and time of applications
Fruit trees	Foliar: 300-400g/hl at least 3-4 kg/ha Soil irrigation: 150-200 g/hl 40-50 kg/ha	From petals fall or from fruit swelling every 10-15 days
Vegetables	Foliar: 200-400 g/hl Soil irrigation: 100-200g/hl 4-6 g/m ²	From fruit swelling every 10-15 days
Leafy vegetables		From 4-5 leaf every 7 days
Strawberries		1-2 applications from fruit-setting

PACKAGING

 1 lt bottle (carton 1 lt x 16)
 6 lt can (carton 6 lt x 2)

NOTES

In order to maintain a balanced Calcium/Boron relationship in the plants, favoring a optimal vegetative growth, it is advised to mix PROMET CA with 0.5-1 kg/ha of BORAMIDE.

WARNING

It is very important not to use PROMET CA in solution with very alkaline chemical compounds, mineral oils, sulphur, polysulphides and cupric compounds.

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.