

PhytoGreen®-CalciumCarboxylate

EC FERTILIZER CALCIUM NITRATE SOLUTION

Provides calcium. Enhances fruit quality. Helps to prevent bitter pit and physiological storage diseases.

The active ingredients of the product:

13,5 % CaO (182 g/l water soluble calcium oxide)
8 % N (108 g/l water soluble nitrogen)
formulated with carboxylic acids

Density 1,35 kg/l, pH = 6,1

PhytoGreen®-CalciumCarboxylate contains water soluble plant nutrients. The main basis of the product is the use of low-molecular weight carboxylic acids which act as complexing agents. Carboxylic acids appear in plants in a natural way. Examples are formic acid, malic acid, butyric acid, tartaric acid, citric or acetic acid.

Carboxylic acids are a carbonic structure with one or more carboxylic groups (R-COOH). They deprotonate in a basic environment and form water soluble carboxylic salts with nutrient ions such as calcium. Furthermore, carboxylic acids improve growth and vitality of the culture as well as yield quality.

Recommendations for use:

General:

To provide calcium: 3-4 l/ha applied on the leaves with a minimum of 500 l water/ha.

Vine:

Several foliar applications with 3-4 l/ha as soon as flower cluster are visible until four weeks before harvest.

Pip fruit:

For fruit firmness and colouring, to prevent bitter pit and physiological storage diseases: several foliar applications with 2-4 l/ha from walnut size up every eight days.

Stone fruit:

2-3 foliar applications with 4 l/ha from beginning of blooming until harvest.

Green vegetables, brassica:

To prevent inner necrosis and leaf-edge necrosis: 3 applications with 4 l/ha after begin of fruit set.

Potatoes:

1-2 foliar applications with 4 l/ha from meeting across the rows.

Ornamentals:

1-2 foliar applications with 4 l/ha.

Directions:

Miscibility:

PhytoGreen-CalciumCarboxylate can be mixed with usual plant protection products. However, since it is not possible to foresee any or all instances that may occur in practice it is in any case recommended to perform a trial first and apply the mixture to a small quantity of products intended to be treated.

Do not apply during blooming period! Apply on dry leaves and at least two hours before irrigation or rain.

Storage:

In a closed container, protected from sun light, not below 4°C.

Pack sizes:

10 l • 20 l • 200 l • 1000 l

More pack sizes upon request.