

PhytoGreen® -Calcium Fertilisers

out of CALCIUM NITRATE or CALCIUM CARBONATE

Composition:

CARBO-ECO Ca: 6,0% CaO (69 g/l water soluble Calciumoxide = 49 g Ca/l)
23,0% Seaweed extract (*Ascophyllum nodosum*)

PhytoGreen®-CalciumCarboxylate: 13,5% CaO (182 g/l water soluble Calciumoxide = 130 g Ca/l)
8,0% N (108 g/l water soluble nitrogen)

Phytosol®: 27% CaO (400 g CaO/l) out of micronized calcium carbonate (CaCO₃) as suspension

Mode of action and advantages:

- Directly plant available Calcium out of Calciumcarbonate (CARBO-ECO Ca, Phytosol®) or Calciumnitrate (PhytoGreen®-CalciumCarboxylate)
- With natural carboxylic acids for best nutrient uptake
- Enhance fruit quality
- Help to prevent bitter pit and physiological storage diseases

Recommendations for use and application rates:

	PhytoGreen®-CalciumCarboxylate	CARBO-ECO Ca	Phytosol®
General:	To provide calcium: 2-4 l/ha applied on the leaves with a minimum of 500 l water/ha.	To provide calcium: 6-20 l/ha applied on the leaves with a minimum of 500 l water/ha (2-5%)	2-4 l/ha in 200-400 l water/ha. 2-4 applications in intervals of 10-14 days are recommended.
Vine:	Several foliar applications with 4 l/ha as soon as flower cluster are visible until harvest.	Several foliar applications with 8 l/ha as soon as flower cluster are visible.	2 l/ha before blooming, 4 l/ha at the end of blooming and 2 further treatments with 4 l/ha every 14 days.
Pip fruit:	For fruit firmness and colouring, to prevent bitter pit and physiological storage diseases: several foliar applications with 4 l/ha from walnut size up every eight days.	For fruit firmness and colouring, to prevent bitter pit and physiological storage diseases: several foliar applications with 8 l/ha from walnut size up every eight days.	2 l/ha from 2-leaf-stage on and 3 further applications with 4 l/ha every 10-14 days.
Stone fruit:	2-3 foliar applications with 4 l/ha from beginning of blooming until harvest.	2-3 foliar applications with 8 l/ha from beginning of blooming until harvest.	
Strawberries:	3-4 times 4 l/ha from beginning of blossom.	3-4 times 8 l/ha from beginning of blossom.	3 l/ha at 10-15 cm plant height, second application of 4 l/ha after 14 days.
Vegetables:	To prevent inner necrosis and leaf-edge necrosis: several foliar applications with 2-4 l/ha as soon as foliage has developed sufficiently.	To prevent inner necrosis and leaf-edge necrosis: 3 applications with 8 l/ha as soon as foliage has developed sufficiently.	4 l/ha from 2-leaf-stage on and 1-2 further applications with 4 l/ha every 10-14 days.
Potatoes:	1-2 foliar applications with 4 l/ha from meeting across the rows.	1-2 foliar applications with 8 l/ha from meeting across the rows.	3 l/ha at 10-15 cm plant height, 2-3 further applications with 4 l/ha.
Sugar beet:	Zur Erhöhung der Lagerstabilität von Spättrüben bei letzter Fungizidspritzung 2 l/ha. Vorher bei Bedarf 1 l/ha zu den Fungizidmaßnahmen.	Zur Erhöhung der Lagerstabilität von Spättrüben bei letzter Fungizidspritzung 4 l/ha. Vorher bei Bedarf 2 l/ha zu den Fungizidmaßnahmen.	3 l/ha at 10-15 cm plant height, 2-3 further applications with 4 l/ha.
Ornamentals:	Several foliar applications with 2-4 l/ha every 10-14 days.	Several foliar applications with 4-8 l/ha every 10-14 days.	

Technical details:

CARBO-ECO Ca: Density 1,15 kg/l, pH= 5-7
PhytoGreen®-CalciumCarboxylate: Density: 1,35 kg/l; pH=6,1
Phytosol®: Density: 1,47 kg/l; pH = 9,3

Miscibility: The products can be mixed with usual plant protection products.

Pack sizes:

10 l • 20 l • 200 l • 1000 l
 More pack sizes upon request.

CARBO-ECO Ca and Phytosol® are in compliance with Council Regulation (EC) No 2018/848 on organic farming. Listed at FiBL Inputs list for the organic agriculture in Germany.