



100% natural plant strengthener

natural green is an innovative, 100 % natural mineral product. It contains micro-fine calcite particles (79 % calcium carbonate), as well as 3,8 % silicon, 4,6 % magnesium carbonate and important trace elements.

Due to the unique formulation process of high speed collision, energy loaded, highly reactive micro-fine particles (average size 7 µm) are generated. Applied in aqueous suspension to plants the active ingredients can easily penetrate the leave tissue via stomata and cuticle where they induce unique effects.

natural green is suitable for a wide range of agricultural and horticultural crops including beets, potatoes, corn, cereal soybeans, canola, legumes, hops, olives, vine, vegetables, salad, stone fruits, berries, citrus fruit, ornamental plants and lawn.

natural green should be applied on the leaves (upper and lower surface) and in some cases directly to the fruit. Depending on the crops the rate is between 0,5 and 3,0 kg/ha.

Key benefits:

- + improved plant photosynthesis and metabolism
- + increased yield
- + increased levels of quality determining factors (e.g. sugar, vitamins)
- + improved natural resistance against diseases and pests as well as stress caused by climate conditions
- + accelerated growth as well as restored plant vitality
- + better shelf life and fewer losses during transport of plants and fruit
- + reduced level of nitrate level in lettuce according the results of the chamber of agriculture

natural green is listed in the Federal Office of Consumer Protection and Food Safety (BVL) in Germany. It is also listed at the Research Institute of Organic Agriculture (FiBL) for biological production in Germany, Austria and Switzerland.

Product information:

Calcium-Carbonate (CaCO ₃)	78,94 %	contains trace elements e.g.:	
Magnesium-Carbonate (MgCO ₃)	4,60 %	Fe, Mn, Zn, Cu	
Silicon (Si)	3,80 %		
Application rate	0,5-3 kg/ha	pH-value	6,5 – 8
Colour	grey	specific weight	2,5-2,8 g/cm ³
Particle size	5-10 µm		
Packaging	1 kg PE can, 3 kg carton		German BVL Reg.-No. 6687-00

Storage dry and under frost-free conditions. Avoid intense temperature fluctuations. Apply only in case of real need. Allow the security advice. Keep away from children and domestic animals.

Distribution:

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Application rates:

root vegetables	radishes, horseradish, carrots, kohlrabi, parsley, onion, garlic and others: 1,0-3,0 kg/ha starting with the first fully developed leaves and then every 2 weeks
leafy vegetables	cabbage, broccoli, cauliflower, lettuce, tomato, pepper, cucumber, zucchini, melon 0,5-3,0 kg/ha; starting after planting and then every 2 weeks
pip & stone fruit	1,0-3,0 kg/ha; starting with the first leaves and then every 3-4 weeks
soft fruit	1,0-3,0 kg/ha; starting with the first leaves and then every 3-4 weeks
kiwi fruit	1,0-3,0 kg/ha; 3 applications; from before the flowers open, after fruit set when fruit are marble size and again when fruit is half grown
sugar beet & potatoes	1,5-2,0 kg/ha; starting with the 4 th -6 th leaf stage and then every 3 weeks
cereals	1,5-3,0 kg/ha; at the tillering and when the last leaf develops (Zadoks 39)
corn & rape	2,0-3,0 kg/ha; 1 application at the 4 th -6 th leaf stage
wine	0,5-2,0 kg/ha; 3 applications starting after the shoot and before and after flowering
olive	2,0-3,0 kg/ha; 2 applications before and after flowering
ornamental plants	0,5-3,0 kg/ha; starting in spring-time and then every 2-3 weeks or as required Indoor plants can be treated perennial (min. intervals of 2 weeks)
turf and lawn	3,0-5,0 kg/ha; from spring till autumn 2-3 days after the last cut or as required with high rates of water

natural green should be applied on the leaves (upper and lower surface) and in some cases directly to the fruit. Depending on plant, leaf tissue and effective date use 300-1000 liter of water.

To reduce the risk of limescale accumulation applicate 0,1% of natural green over a period of 2 weeks.

natural green is mixable with many nutrient substances and active ingredients.

For further information feel free to ask.