



## PHC Natural Green®

*100% natural plant strengthener  
Contains Calcium, Silicon and Magnesium*

### Features and Benefits

**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 involving high energy air milling, highly reactive micro-fine particles (average size 7 µm) are generated. Applied in aqueous suspension to plants the active ingredients can easily penetrate the leaf tissue via stomata and cuticle where they take effect.

**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.

#### **Natural Green®**

- Improves plant photosynthesis and metabolism.
- Increases yield and quality.
- Improves natural resistance to diseases and pests and stress caused by adverse climatic conditions.
- Lengthens shelf life with fewer losses during transport of produce.

**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.

## Composition

Calcium-Carbonate (CaCO <sub>3</sub> )	78.94%
Magnesium-Carbonate (MgCO <sub>3</sub> )	4.60%
Silicon (Si)	3.80%

Also contains trace elements e.g.: Fe, Mn, Zn, Cu

pH value 6.5 – 8.0

Colour grey specific weight 2.5 - 2.8 g/cm<sup>3</sup>

Particle size 5-10 µm

## Directions for use

### Rates of use and timing

Root vegetables (radishes, carrots):	1.0-3.0 kg/ha; starting with the first fully developed leaves and then every 2 weeks
Leafy vegetables (cabbage, cauliflower, lettuce)	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
Sugar beet & potatoes	1.5-2.0 kg/ha; starting with the 4th-6th leaf stage and then every 3 weeks
Cereals	1.5-3.0 kg/ha; at the tillering and when the last leaf develops
Maize and Oilseed rape	2.0-3.0 kg/ha; 1 application at the 4th-6th leaf stage
Vines	0.5-2.0 kg/ha; 3 applications starting after the shoot and 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
Turf and Lawns	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**<sup>®</sup> should be applied as a conventional foliar spray using sufficient water to ensure good coverage of the leaves etc. Typically 300 – 1,000 litres per hectare.

## General information

**Packaging:** 1 kg Jar

**Technical service:** For further information, assistance and access to The Solufeed Advisory Service, please contact Solufeed at the address below.

## Precautions

Detailed health and safety information may be found on the relevant Material Safety Data Sheet (MSDS) available on request from the address below.

## Important

The information in this document has been prepared carefully and is provided in good faith. The application, use and processing of any material together with regulatory compliance is the absolute responsibility of the Buyer. All technical information or other advice provided by the Seller in any form is given without warranty to the full extent provided by law.

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