

PlantaGreenPower® – the ecological leaf fertilizer

registered for the ecological agriculture according to the EEC regulation no. 384/2007 and 889/2008 and listed in the operation resources list 2019/20 for organic farming

What is PlantaGreenPower ®?

The basic component of PlantaGreenPower is calcite, a sediment rock mineral of ocean origin formed by collections of seaweed. Calcites consist of magnesium carbonates and shades of silicon, iron and other elements.

PlantaGreenPower is of a 100% natural origin, thus not contaminating and damaging the environment, so it is suitable for the biological agriculture/farming. The innovation lies in a specially applied process. Very small nutrition particles of microscopic size are created. By means of the activation a large increase of the reactive capabilities of the minerals contained in PlantaGreenPower is achieved. Such small granules enable the mineral to penetrate and be absorbed through the leaf pores.



During the course of the gradual dissolution, the mineral creates, in conjunction with the carbon dioxide, a saturated environment. In this manner the atmospheric conditions, much like in a greenhouse when the CO₂ is produced, are created on each leaf. PlantaGreenPower is a leaf fertilizer assisting substantially the photosynthesis, the regulation of the moisture exchange and the strengthening of the plant.

PlantaGreenPower ® offer?

Considerable increase of the green mass

Increase of the total production up to 100%

Purely biological – 100% mineral product (calcite)

Reduced water consumption up to 70% less

Shortening of the vegetation period up to 30% (quicker growth of the seedlings)

Lower costs in comparison to the conventional fertilizing treatment

Extraordinary prophylactic effect on control of fungus, insects and plant sickness by means of an improved resistance

Increase of the dry mass of the fruit and better quality

Improvement of taste qualities

Extension of the storage period of the harvest proceeds

Optimizes the productiveness of a plant

No need for using CO₂ equipment, because of the natural CO₂ creation out of the calcite process

Reduces and prevents the increasing salt and he acidosis levels of the soil

Re-vitalizes the soil, because less additional chemical fertilizer is needed

PlantaGreenPower ® natural leaf fertilizer for grain, fruits and vegetable

PlantaGreenPower contains:

sediment rock, formed out of calcic seaweed. Main components consist of;

- CaCO ₃ (Calcium Carbonate)	96,26%
- SiO ₂ (silicon dioxide)	1,71%
- MgO (Magnesium-oxide)	0,98%
- Iron	0,24%
- Al ₂ O ₃	0,31%
- SO ₃	0,12%
- Na ₂ O	0,27%
- K ₂ O	0,11%
- granulate size	5µm to 20 µm

PlantaGreenPower is totally non-toxic and uses NO chemicals

Increase in profit by use of less PlantaGreenPower product per hectare in comparison to conventional fertilizer

Application: PlantaGreenPower ® is mixed with water in a ratio of 0.3% up to 0.5%. The colloidal solution is then sprayed during the whole vegetation period every 15 – 20 days (approx. 5 times) on the plant (misting). For example: 1kg per 200 litres of water, per hectare 2.5 – 3.0 kg in 600 of litres of water

**A healthy ecological system
grants a balanced economical
basis**

The ecological cycles in the present modern farming are no longer fully operational.

All important components like land, air, water and plants are limited in its actual function.

Nature is showing us up her limits daily, which we cannot shift even not by means of further artificial methods.

PlantaGreenPower, produced out of a natural mineral (Calcite) disposes of the features to influence various interactions in a plant positively, to strengthen the plant in the system land, air and water, and so enables the plant to let ecological cycles happen again.



**To feed the world to take care
of the climate
A challenge of plant production
and fertilizing**

**We are called on to play an active
role in improving the living
conditions of mankind and to
contribute to the protection of
nature.**



TectraConsulting GmbH

D-10407 Berlin Storkower Strasse 158

Dipl. Ing. Hans-Ulrich Lüdicke
CEO

www.tectraconsulting.com

h-uluedicke@tectraconsulting.com

phone:+49 30 99005187 mobil:+49 170 5022020



**A natural mineral leaf fertilizer
for the protection and the
preservation of existing
inhabited living space**

