

PLANT - CARE

Special Biostimulant

Designed for the improvement of the vigour of the plants and the increase of their productivity

PLANT-CARE is produced from the combination of organic raw materials and contains various plant extracts, natural organic polymers, natural organic wetting agents and chelated micronutrients. The combination of all these raw materials affects the plant tissues in many ways and activates the biological mechanisms of the plants which control the various functions (photosynthesis, respiration, transpiration, uptake, cell division). This results in the increase of the inner energy of the plants (higher production of sugars) that leads to their enhanced growth and to the fortification of their immune system.

NUTRITION AND STIMULATION

PLANT-CARE contains nutrients (micronutrients, amino acids) that are readily assimilated by the above ground part of the plants and are necessary for the nutrition and the cellular processes of the plant tissues. In parallel the contained in **PLANT-CARE** natural hormones accelerate the various processes which take place in the plant cells. This results in the promotion of the growth of the plants in the various growth stages (blooming, fruit set, fruit sizing, maturing) and the consequent increase of the crop yields.

vigorous throughout their growing season. A healthy and vigorous plant is always very productive.

IMPROVEMENT OF THE CONDITIONS ON THE FOLIAGE

When applying **PLANT-CARE** foliarly the modification of certain physical characteristics of the surface of the above ground part of the plants such as pH, viscosity and humidity is achieved that leads to the improved capacity of nutrient uptake by the leaves and also in the creation

of excellent growing conditions of the beneficial microorganisms (natural microflora of the above ground part of the plants). Furthermore the contained in **PLANT-CARE** fulvic acids increase the permeability of the cellular membrane of the leaves contributing to the better assimilation of the applied foliar fertilizers and pesticides.

SIDE ACTIONS

The contained in **PLANT-CARE** natural organic wetting agents assist in the achievement of the finer coverage of the surface of the leaves during foliar spray. Additionally, the plant oils contribute to the better attachment of other substances (fertilizers, pesticides) which are applied in combination, on the surface of the leaves and the shoots. These two properties of **PLANT-CARE** constitute it besides other things, an excellent organic natural wetting - sticking agent.

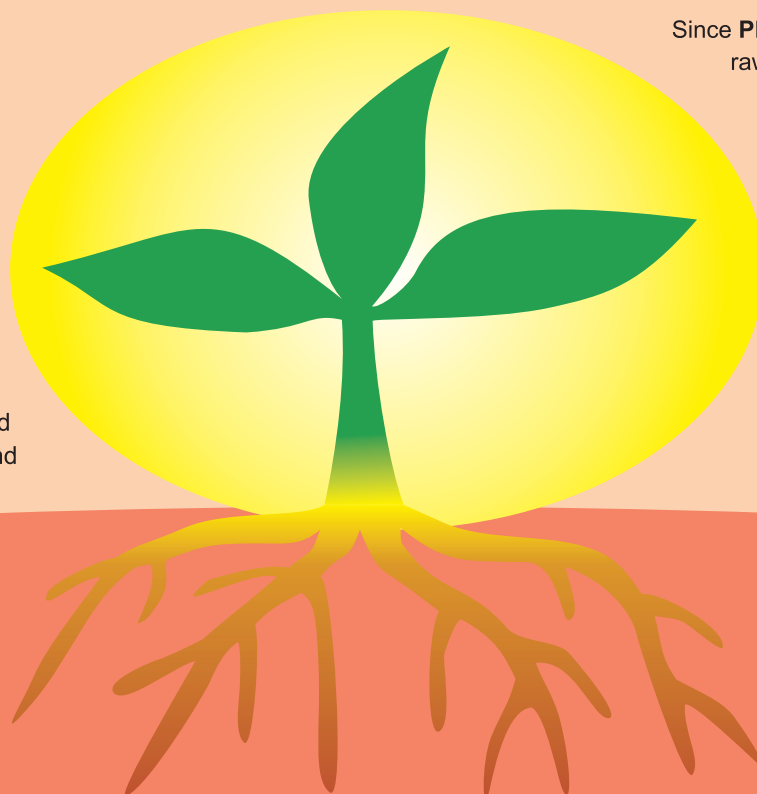
LESS RISK FOR THE FARMER

Among other things, **PLANT-CARE** contains a variety of phytochemicals (plant limonoids, plant terpenoids, steroidal glycosides) that act in various ways and prevent the problems that plants deal with. In this way the possibility of production losses is reduced since plants remain thriving and

RESPECT THE ENVIRONMENT

Since **PLANT-CARE** comes from natural raw materials it is fully biodegraded and does not leave residues.

Moreover none of its ingredients does not affect the beneficial insects and the natural microflora of the leaf. If we add to the above the low phytotoxicity of the product, then it is really clear that **PLANT-CARE** is totally environmentally friendly and safe for the crop product.



SYNTHESIS

Plant oils
Plant limonoids
Plant terpenoids
Steroidal glycosides
Sugars
Fulvic acids
Amino acids
Plant hormones
Chelated micronutrients
(Fe, Zn, Mg, Mn, Cu, B, Mo)



APPLICATION

PLANT-CARE is recommended for vegetable crops, fruit trees, trees, ornamentals, cereals, legumes, cotton, vineyard, lawn etc. It is applied foliarly after it has been dissolved in an appropriate amount of water. It is recommended to spray early in the morning or late in the afternoon. Apply within 8 – 10 hours after the product's dilution with good coverage of the entire leaf surface.

PROPERTIES

- ▶ Increases plant vigour.
- ▶ Reduces the possibility of damages by natural causes (frost, drought, insects, diseases).
- ▶ Fortifies the resistance of plants against stress caused by various factors.
- ▶ Promotes the development of plants in all growth stages.
- ▶ Facilitates nutrient uptake by the leaves.
- ▶ Promotes the productivity of plants.
- ▶ Increases the natural microflora of the above ground part of the plants.
- ▶ It is not phytotoxic.
- ▶ Does not contaminate the environment.
- ▶ Does not affect beneficial insects (pollinators and predators).



APPLICATIONS-APPLICATION RATES

PLANT-CARE is applied at an application rate 100-150 ml per 50 liters of water according to the following spraying program per crop:

Fruit trees: Spray every 20-30 days.

Vineyard: Spray every 20-30 days.

Trees: Spray every 15 days.

Cereals: Spray every 30 days.

Legumes: Spray every 30 days.

Cotton: Spray every 15-20 days.

Open field vegetables: Spray every 15-20 days starting 15 days after planting or transplanting. For leafy vegetables (salads, spinach, celery) apply only once a month.

Greenhouse vegetables: Spray every 20-30 days starting 15 days after transplanting.

Ornamentals: Spray every 15 days.

Lawn: Spray every 15-20 days.

Note: The number and the frequency of the sprayings may vary depending on the crop, the growth stage, the environmental conditions and the condition of the crop.

COMPATIBILITY

PLANT-CARE is compatible with most foliar fertilizers and chemical pesticides. In any case it is recommended to conduct a compatibility test before mixing in the tank.



Produced by

