

Proton-P is an organic natural fertilizer which derives from the extract of marine plants of the genus *Ascophyllum nodosum*. Thanks to its production process, **Proton-P** maintains the whole nutritional content of the seaweeds, which includes natural plant hormones (cytokinins, auxins, gibberellines, betains), aminoacids and carbohydrates.

The application of **Proton-P** according to the recommended application rate and the recommended application program per crop achieves:

- Increase of the capacity for production of crops.
- Increase of blooming and fruit set.
- Promotion of growth.
- Improvement of the quality of harvest (increase of sugars, micronutrients and proteins).
- Elongation of the shelf life of the fresh fruits.
- Fortification of the root system of the plants.

- Enhanced nutrient uptake by the roots and the leaves.
- Increase of the population of the soil beneficial microorganisms.
- Fortified resistance of plants against infections by diseases and pests.
- Enhanced resistance against stress caused by environmental factors (frost and drought).
- Higher seed germination.
- Increase of the farmer's profitability.

APPLICATIONS - DOSAGES

Proton-P is applied at the following application rates according to the way the product is applied:

Foliarly: 25-50 g / 100 l of water

Fertigation: 1.5-2.5 kg / ha

Nurseries: 50-75 g / 100 l of water

Seed dipping: 50 -75 g / 50 l of water (Let the seed dry well)

Root dipping: 50 -75 g / 50 l of water at transplanting

Proton-P

Organic Natural Fertilizer
from marine plant extract

NPK 1-1-16



Approved
for use
in organic
agriculture

Net
Content
250 g

Produced by

HUMOFERT

1 Ermou & Theotokopoulou, Metamorphosis, Greece

Tel.+30 210 284 5891, Fax.+30 210 281 7971

Web Site: www.humofert.gr E-mail: info@humofert.gr

TYPICAL ANALYSIS

Dry matter95,00 %

Organic matter45-55 %

Nitrogen (N) 1,00 %

Phosphorus (P₂O₅)1,00 %

Potassium (K₂O)16,00 %

It contains also Cytokinins, Auxins, Gibberellins, Betains, Amino acids, Trace elements, Vitamins and carbohydrates.

COMPATIBILITY

It can be mixed with all fertilizers, nutrients as well as with most herbicides, insecticides and fungicides. It must NOT be mixed with oleiferous and very acidic formulations. If there is any doubt it is recommended to conduct a compatibility test before mixing in the tank.

APPLICATION TIME

Trees : Apply before blooming, after blooming and during maturation up to 15 days before harvest. An application after harvest can increase the yield of the tree for the next year.

Kiwis : Apply 3-4 times starting from the formation of the fruit until harvest.

Vineyard : Apply at the stage of growth, fruit set and sizing of bunch and fruit. An application after harvest increases the productivity of vineyard for the next year.

Strawberry : Apply initially when there is sufficient foliage as to absorb the spray, at first bloom, at fruit set and every 2-3 weeks during harvest.

Leafy vegetables : Apply 3-4 times from the stage of the first true leaves until harvest.

Tomato, Pepper, Eggplant, Squash, Melon : Apply at 15-20 cm growth, at first bloom, at first fruit set, 10-14 days later and 48 hours after each harvest.

Cucumber, Bean : Apply at 4 true leaves stage, at first bloom, 1-2 weeks later and 48 hours after each

picking.

Potato : Initially dip the tubers for 24 hours and then apply at 15-20 cm growth, before blooming and during blooming.

Ornamental plants, Flowers : Every 10-15 days starting from the growing stage.

Tobacco, Beets : 3-4 applications every 10-20 days starting from the first true leaves stage.

Lawns, Fodders, Grass : After each cutting.

PRECAUTIONS

It must NOT be swallowed. Avoid contact with skin and eyes. In case of contact with skin or eyes, wash thoroughly with plenty of water. If irritation persists seek for medical advice.

STORAGE

Store the product at a cool place, away from direct sunlight. Keep it tightly closed in its package.

KEEP OUT OF THE REACH OF

Approved for use in organic agriculture according to Reg. (EC) 889/2008: Annex I; (Seaweed extract).