HUMOFERT

Nutritional Products for Qualitative Crops

- Specification Sheet -

PROTON-L

The liquid organic – biological fertilizer **PROTON-L** comes from the extraction of fresh sea algae that belong to the genus *Ascophyllum Nodosum* which have been collected from the cold and clear coastal waters of the north Atlantic Ocean. The application of **PROTON-L** in all crops' nutrition programs enhances the capacity of management – absorption of nutrients by the plants according to their needs, contributing to the increase of yields as well as the reduction of the fertilization's cost.

PROPERTIES AND USES:

- Improves nutrient uptake from the plants.
- Enhances the growth of a strong root system.
- Promotes the production of enzymes and proteins from the plants.
- Promotes blooming.
- Increases fruiting.
- Increases the protein content of fruits and their content in micronutrients.
- Improves the quality and the flavor of fruits and vegetables.
- Increases Shelf Life.
- Fortifies plants against diseases (powdery mildew, botrytis, fusarium wilt e.g.).
- Increases fruits resistance in transportations.
- Stimulates and promotes seed germination.
- Improves the physical and biological properties of the soil, increasing the total micronutrient availability.
- Enhances plants resistance against frost, drought and transplant shock.
- Contributes significantly in the increased farmer's profitability.

APPLICATION:

Proton-L is applied foliarly, by fertigation and by seed and root dipping.

Application Rate: Generally it is applied at the following application rate.
Foliar application: 1 l/100-200 l of water
Fertigation: 20-40 l/ha
Nurseries: 0.8-1 l/100 l of water.
Seed dipping: 0.8-1 l/50 l of water during transplanting (Let the seed to dry well)
Root dipping: 0.8-1 l/50 l of water during transplanting

STANDARD ANALYSIS	(w/w)
Total Nitrogen (N)	0.05%
Phosphorus (P_2O_5)	0.05%
Potassium (K_2O)	1.10%
Calcium (Ca)	0.02%
Magnesium (Mg)	0.02%

PHYSICAL PROPERTIES:

Appearance:	Fine brown-black fluid
Density:	1.1 g/ml
Solubility:	100% water soluble
pH:	10.07