

- Specification Sheet -

MARINE

MARINE is a liquid organic fertilizer rich in natural hormonal factors (auxins, gibberellins, betains e.g.), amino-acids, vitamins and micronutrients. **MARINE** contains marine plant extracts that have been collected from the clear and very rich in iodine ocean waters. The plant extracts have been appropriately processed in order to maintain active their ingredients which stimulate the biological processes of the plant cells and also promote the plant growth.

PROPERTIES AND USES:

- Increased size of the cells and acceleration of the process of mitosis.
- Promotion of the production of enzymes, sugars and proteins.
- Enhanced action of the osmotic regulatory substances into the cells.
- Delayed cell aging through the production of antioxidants.
- Better nutrition of the plant tissues through the increased nutrient bioavailability.
- Increased levels of chlorophyll.

APPLICATION:

MARINE can be applied with foliar sprays, by drenching the root, by dipping the seeds, roots and cuttings.

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. (Let the seed dry well).

Root dipping: In a solution 0.8-1 l / 50 l of water during transplanting.

STANDARD ANALYSIS

	(w/w)	(w/v)
Nitrogen (N)	2.20%	2.35%
Organic Nitrogen	0.03%	0.04%
Urea Nitrogen	2.15%	2.30%
Phosphorus (P ₂ O ₅)	0.02%	0.02%
Potassium (K ₂ O)	0.30%	0.32%
Calcium (CaO)	0.01%	0.01%
Magnesium (Mg)	0.36%	0.39%

NATURAL PROPERTIES:

Appearance: Brown - black liquid

Density: 1.06 g/ml

Solubility:	100% water soluble
pH:	8.3