



## FORCE-MAR ECO- ALGAS MARINAS LÍQUIDO

### Solid bioactivator based on extracts of *Ascophyllum nodosum*.

FORCE-MAR ECO provides bioactive components such as alginic acid, mannitol and phytohormones that help the plant tolerate adverse conditions effectively.

#### Technical basis.

The species *Ascophyllum nodosum*, unlike other brown algae, supports periods of immersion in their natural marine habitat and periods of exposure to the weather, according to the cycle of tides, which is a success of hydric physiological adaptation in face of thermal stress conditions. These algae are endowed with a singular biochemical composition.

Alginic acid is a polysaccharide, structural component in the cell walls of *Ascophyllum nodosum*, which participates decisively in the water balance and in the physiological response against abiotic stress.

Mannitol is a polyalcohol synthesized by *Ascophyllum nodosum* that, in addition of acting as osmoprotector, behaves like an effective antioxidant by blocking the reactive species of oxygen (ROS) and thus avoid metabolic alterations.

#### Product description.

FORCE-MAR ECO is a soluble solid formulated and developed from North Atlantic seaweed harvested, selected and processed in the same line of the coast to maintain with maximum freshness and vigor its bioactive material.

The presence in its composition of alginic acid and mannitol, which contribute to the absorption and translocation of nutrients, generates a synergistic effect that improves the response of the crop against adverse conditions and promotes hormonal activity in various phenological phases, which favors the increase of performance.

#### Composition

Pure seaweed extract <i>Ascophyllum nodosum</i> . :	
Alginic acid	14% w/w
Mannitol	4% w/w



**ecoforce**  
Advanced organic fertilization





## Practical recommendations

Crop	Dosage	Moment of application	Effect
Horticultural	2-4 Kg/Ha/app.	In the transplant or sowing of the plants.	Decrease necrosis problems, increase in leaf mass, increase in diameters and weight.
Citrus tree	2-3 Kg/Ha/app.	Perform 2-3 applications during the sprouting or preflowering, fruit set and fattening of fruits.	Increase in chlorophyll level, advance in flowering, greater precocity.
Fruit tree	2-3 Kg/Ha/app.	Perform 2-3 applications during the sprouting or preflowering, fruit set and fattening of fruits.	Improvement of flowering and fruit set of fruits. Greater homogeneity of fruits.
Subtropical	2-3 Kg/Ha/app.	Apply in pre-flowering and during fruit development.	Improvement of flowering and fruit set of fruits. Greater homogeneity of fruits.
Olive	2-3 Kg/Ha/app.	Apply in sprouting, flowering and fruit set.	Better fruit quality.
Vine	2-3 Kg/Ha/app.	Apply in sprouting, flowering and fruit set.	Improvement in the homogeneity of the bunch, increase in the number of berries, size and weight.



Read the product label carefully before applying. Consult the corresponding Technical Data Sheet and Safety Data Sheet.



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