



**Nutrient  
corrector**  
Soil/Foliar



# SIL-MARE NPK

## COMPOSITION

%w/w

Seaweed extract	23,00
Silicon (SiO <sub>2</sub> )	10,00
Total Nitrogen (N)	5,00
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	3,00
Potassium (K <sub>2</sub> O)	7,00
Alginic acid	0,60
Manitol	0,20

COMBINED ORGANIC-MINERAL NPK LIQUID  
FERTILIZER WITH SILICATE AND SEAWEED EXTRACTS  
FOR REVITALIZATION AND STRENGTHENING OF THE  
PLANTS.

Seaweed biostimulant action

## CHARACTERISTICS

SIL MARE NPK is an NPK fertilizer containing natural seaweed extract derived from Ecklonia maxima as well as 10% Silicon that strengthens plant tissues.

It contains, in addition to the mineral nutrients and silicate, valuable components excreted from the cellular juice of the seaweed (Ecklonia Maxima). These are mainly phytohormones (Auxins), polysaccharides, vitamins.

SIL MARE NPK is an organic and free residue product that provides SILICON to plant tissues in a rapidly and effectively way achieving to induce natural self-defense mechanisms within the plant.

## ACTIONS

SIL MARE NPK Provides rigidity to the plant tissues:

- ✓ **MORE ERECTED LEAVES.**
- ✓ **TISSUES LESS APPETIZING FOR CHEWING AND SUCKING.**
- ✓ **INSECTS.**
- ✓ **CONDUCTING VESSELS MORE OPERATIONAL**
- ✓ **FASTER HEALING OF WOUNDS.**

## SILICON EFFECTS ON PLANTS:

Silicon accumulates in the epidermal cell wall, leaves, stems and roots.

Silicon increases the ability of plants to absorb light.

Silicon regulates transpiration 30% water savings.

Strengthens cell walls and gives rigidity to the plant.

The plant has a natural physical barrier in the cuticle of the leaves.

- Improves resistance to environmental stress (heat, drought ...).
- Greater resistance in the plant of the penetration to pathogens (Fungi).
- More production

## APPLICATIONS

Crops	Doses	Application
Apple	3-4 L/Ha	1st sprouting. Repeat after setting.
Cereal	200-300cc/cl	1 to 2 application during tillering and entanglement.
Citrus	3-4 L/Ha	1st sprouting. Repeat after setting.
Corn	500cc/cl	1st in 20 cm plant. Repeat at 15 days.
Garlic	500cc/cl	1st with 4 true leaves. Repeat after 15 days.
Onion	500cc/cl	1st 20 days after transplant. Repeat at 15 days
Potato	500cc/cl	1st with 4 true leaves. Repeat after 15 days.
Rice	500cc/cl	1st at the start of tillering. Repeat at 20 days.
Turf	400cc/cl	Apply after each cut.
Vine	3-4 L/Ha	1st in sprouting. Repeat after setting.
Watermelon	500cc/cl	1st in 20cm plant. Repeat at 15 days.

Applied preventively, SIL MARE NPK protects against mites and other soft-bodied insects: spider mites, whiteflies, aphids, caterpillars.... and most common fungal diseases: powdery mildew, botrytis.

### CAUTION

Good compatibility with all phytosanitary products. With products based on trace elements, reduce the dose and make a test. A simple compatibility test with the intended mixing components is recommended before use.

AVAILABLE IN  
1L - 5L - 10L - 20L - 1000L  
Plastic Bottle/IBC

