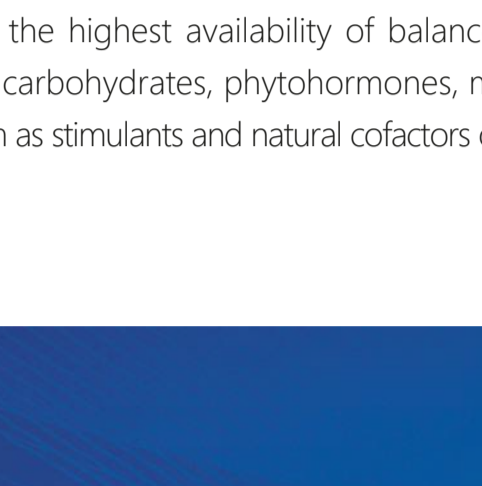
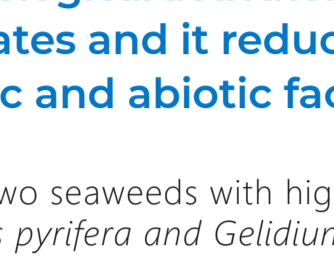




Organic seaweed extract: biostimulant and biological activator



**Biostimulant and biological activator in the development of plants. It invigorates and it reduces stress caused by biotic and abiotic factors.**

Liquid extract of two seaweeds with high nutritional value: *Macrocystis pyrifera* and *Gelidium robustum*.

### What makes it **unique?**

Our standards set for the selection of physiologically active raw material along with the technified production process are the key. This results in a unique extract with the highest availability of balanced components of seaweeds including carbohydrates, phytohormones, minerals and amino acids that will perform as stimulants and natural cofactors of plant metabolism.

We have more than **15 years** of experience in the use, processing and application of seaweed extracts in the agricultural sector that meet international quality standards.



This has led to the recognition of **NPKelp** as an effective and dynamic biostimulant.

### ¿Why **use it?**

NPKelp's efficiency has been proven in different crops around the world. This product has given tangible benefits to farmers' profitability due to the balanced content of chelating and anti-stress agents.

The results obtained from the application of NPKelp as plant biostimulant are homogeneity, better quality and greater crop yield. All of them due to NPKelp's ability to foster and ease the activation of the metabolic pathways required in each phenological stage of crops.



### What are its **effects?**

- Fostering of beneficial microorganisms
- Moisture retention
- Biostimulant
- Uptake of macro and micro nutrients
- Increase of organic matter content

### How is it **used?**

It can be applied in any crop and at any phenological stage by making applications both by irrigation and foliage. It can also be mixed with other products without concern for unwanted reactions that cause precipitation or blocking of other components.



#### FOLIAR APPLICATION

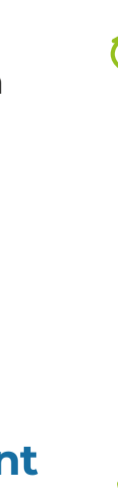
Its main function is to stimulate photosynthesis processes and foster the production of phytohormones, and so increasing metabolic activity, sprouting and development of the plant.



#### SOIL APPLICATION

In soils, it helps maintain the moisture bulb and it increases the nutrient uptake through its chelating effect and microbiological activation.

In substratum, it increases the time of nutrient retention and uptake; as a result, leaching decreases and the release of exudates is possible.



#### TECHNICAL ASSISTANCE / DOSAGE AND RECOMMENDATIONS

Depending on the type, conditions, and handling of the crop, the recommended dosage is:

PRODUCT	TYPE OF APPLICATION		DOSAGE (L/ha)					
	IRRIGATION	FOLIAR	GRAINS		VEGETABLES		FRUIT	
NPKelp	X	X	MIN	MAX	MIN	MAX	MIN	MAX
			2	4	2	4	2	8

For better results, follow the instructions of trained technical personnel.

#### CONTROL PLOT

#### TREATMENT



### What benefits does it have on the crop's phenological stages?



#### Germination

- Increased number of germinated seeds
- Less germination time
- Better development of germination and homogeneity



#### Seedling

- Stress control caused by in vitro or greenhouse handling
- Significant vigor in a greater number of seedlings



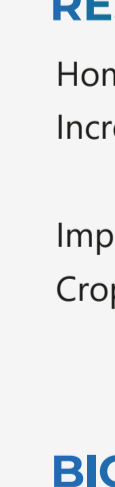
#### Blooming

- It helps in the production of more resilient flowers in order to have fewer flower abortions



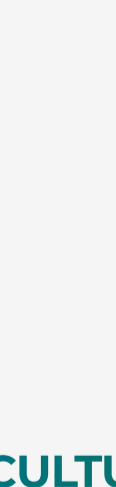
#### Fruition

- It contributes to a better fruit formation and larger-sized fruit



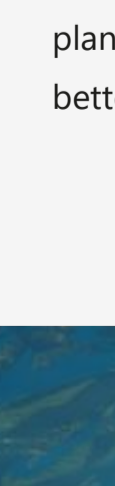
#### Plant development

- Greater growth and resistance to abiotic stress



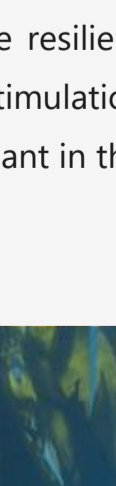
#### Sprouting

- More and bigger buds
- Homogeneity in the development of buds



#### Fruit filling

- Due to the stimulation and chelation of nutrients, it delivers the necessary elements to the fruit such as microelements and carbohydrates



#### Post-harvest

- It reduces the stress caused by the harvest
- It restores more nutrients to generate reserves before the dormancy period in perennial crops

#### RESULTS

- Homogeneous growth and filling
- Increased firmness and degrees Brix.
- Improvement in quality and shelf life
- Crop yield above 7% in treated crops.



### BIOSTIMULATION AS AGRICULTURAL INVESTMENT BIOSTIMULATING YOUR GOODS

Biostimulation is one of the best investments a farmer can make. Even though it is not required for usual production, it does reinforce and activate the plant's metabolism which leads to more resilient and vigorous crops with better crop yield. In perennial crops, biostimulation plays an important role in the maintenance of the plant in the long term.

