



# AlgaLiv®

## BIOSTIMULANT FOR PLANT GROWTH AND DEVELOPMENT

### Benefits of use

**ALGALIV®** is based on seaweed extract (*Ascophyllum nodosum*) obtained with a mild extraction method that guarantees its biological activity. Seaweed extract is naturally rich in phytohormones (such as cytokinins, auxins and gibberellins), betaines, mannitol, organic acids, polysaccharides and amino acids. The components in the extract are balanced as their origin is a completely natural vegetal source. All these bioactive molecules present regulatory activity on the crop and have a physiological effect on growth in all the stages of plant development. They regulate or participate in a range of cellular and metabolic processes improving health of vegetative and reproductive organs. Moreover, **ALGALIV®** is rich in macronutrients (N, P, K, Ca, Mg, S) and micronutrients (Mn, Cu, Fe, Zn) helping to achieve a balanced nutritional status of the crop.

**ALGALIV®** is recommended to stimulate the general metabolism of the plant. Its applications promote seed germination, improve root growth, increase fruit maturation, inhibit senescence and increase resistance to pathogens and abiotic stress.

**ALGALIV®** is a biostimulant with complete action and thanks to its vegetal origin is authorized for ecological farming in all stages of the crop cycle.



### Composition

	(%w/w)
Total nitrogen	1,0
Water-soluble Phosphorus (P <sub>2</sub> O <sub>5</sub> )	7,0
Water-soluble Potassium (k <sub>2</sub> O)	10,0
Water-soluble Iron (EDTA-Fe)	0,20
Water-soluble Manganese (EDTA-Mn)	0,20
Water-soluble Zinc (EDTA-Zn)	0,20
Water-soluble Boron (B)	0,10
Water-soluble Copper (EDTA-Cu)	0,13
Water-soluble Molybdenum (Mo)	0,05
Alginic acid	5,0
Mannitol	0,20

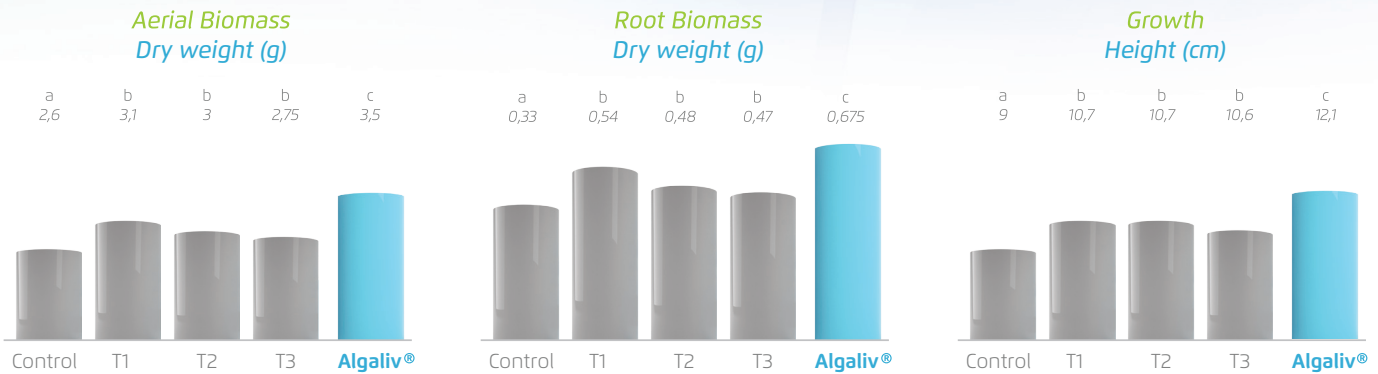
\*Contains 15% of *Ascophyllum nodosum* extract.





## Efficacy trials

Effect of biostimulants on tomato growth



Trial treatments: Control / T1: Vegetal extract-based fertilizer (0,15%) / T2: Biostimulant with phytohormones and phosphorous (0,25%) / T3: Seaweed extract biostimulant (2%) / Algaliv 0,25%

## System and time of application

ALGALIV® is recommended for all types of crops. It is generally applied by foliar spraying, and it is also suitable for fertigation and drench. Applications should start around 2-3 weeks after transplant with a frequency of 15-20 days.

## Stability and storage

ALGALIV® is stable during at least 3 years from the manufacture date.

Keep in a fresh and ventilated place with temperatures below 50°C.

Do not store for prolonged periods under direct sunlight.

Keep away from children.

Do not eat, drink or smoke while handling this product.

## Dosage

CROP	DOSAGE (cc/100L)	TIME OF APPLICATION	RECOMMENDATIONS
Strawberry, berries	150 - 250	Apply from the beginning of shooting.	Apply every 15-20 days.
Grapes		During shooting/post-harvest and during fruit growth.	2-3 applications in shootings bigger than 20cm. Applications in fruits from 4mm to improve yield. Application together with GA3 for fruit growth in table grape.
Stone fruits		From the beginning of flowering every 15 days.	Together with Defender K: 45, 30 and 15 days before harvest. In cherries together with Defender Ca in breaking (colour) and 15 days after.
Apple, pear		Apply from the beginning of shooting.	Apply every 15-20 days.
Citrus		Apply during vegetative growth and flowering.	Apply every 15-20 days.
Kiwi		From shooting and post-harvest.	Apply every 15-20 days.
Vegetables in general		After transplant during vegetative growth.	3 applications. Every 15 days.
Potato		At 30 and 60 days post-emergence.	2 applications.
Cucumber, melon, watermelon, courgette		After transplant during vegetative growth.	Apply with 4-5 leaves and every 15 days.
Lettuce, cabbage		During vegetative growth.	Apply two weeks after transplant and every 15 days.
Artichoke		During vegetative growth.	Apply every 15-20 days.
Hydroponics		2 -3 L/Ha	-

## Compatibility

**WARNING:** Do not mix with products containing calcium or magnesium.

For mixing with any other product, it is necessary to conduct a compatibility test in a small volume.

For further information, technical advices, or any enquiries, please contact your local distributor.