



Algaliv®

BIOSTIMULANT FOR PLANT GROWTH AND DEVELOPMENT

Benefits of its 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
Phosphorous (P ₂ O ₅) soluble in water	7,0
Potassium (K ₂ O) soluble in water	10,0
Iron (EDTA-Fe) soluble in water	0,20
Manganese (EDTA-Mn) soluble in water	0,20
Zinc (EDTA-Zn) soluble in water	0,20
Copper (EDTA-Cu) soluble in water	0,10
Boron (B) soluble in water	0,13
Molybdenum (Mo) soluble in water	0,05
Alginic acid	5,0
Mannitol	0,20

* Contains 15% of *Ascophyllum nodosum* extract

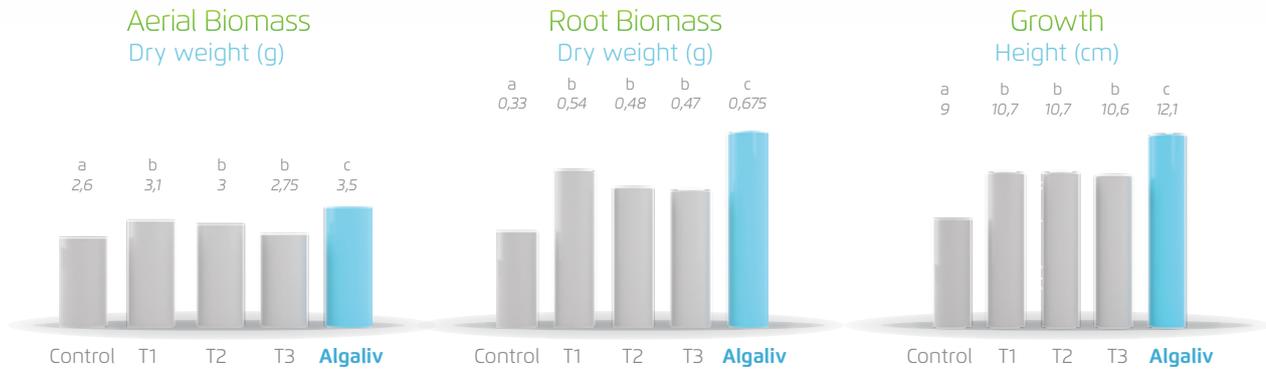


Ascophyllum nodosum



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%

Application System

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.

Dosages

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 tablegrape
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 conduct a test in a small volume to assess compatibility.

If you have any doubt, please contact your local dealer for technical advice.