

AlgenMix

BIOACTIVATOR

To optimize flowering,
fruit set, and increase production

Stimulates flowering and fruit set, acting as an antistress factor and growth promoter

Promotes cells division and expansion in developing tissues

Channels the energy accumulated by the plant towards the fruits



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AlgenMix

Characteristics

AlgenMix is a special bioactivator based on natural extracts derived from brown algae such as *Ascophyllum* spp., *Laminaria* spp., *Fucus* spp. and *Macrocystis* spp., formulated using the exclusive **ALGENFOUR SCE®** (Super Cold Extraction) technology. This process, through a low-temperature supercritical extraction, preserves the integrity of the natural active ingredients, ensuring a high concentration of bioactive and nutraceutical compounds. **AlgenMix** acts as a powerful growth stimulant for crops, thanks to the presence of bioactive molecules such as amino acids, vitamins, phytohormones, alginates, laminarins, mannitol, and oligoelements. These components promote the metabolic processes of plants, such as protein synthesis, cellular energy production, photosynthetic efficiency, cell division, and stress resistance, while also improving nutrient absorption and stimulating crop growth. Its unique composition ensures optimal transport of nutrients from storage organs to reproductive organs, stimulating the processes of flowering and fruiting, which become more intense and homogeneous. Furthermore, due to the presence of growth-regulating phytohormones, the product stimulates increased cell division and elongation in growing tissues, promoting a higher availability of photosynthetic sugars for the fruits. This process leads to an increase in fruit weight and size, improving their commercial quality and shelf life.

Composition

	w/w*	w/v		w/w*	w/v
Total Nitrogen (N)	1.0%	1.1%	Organic Nitrogen (N)	1.0%	1.1%
Biologically derived organic Carbon (C)	10.0%	11.5%	Organic substance with nominal molecular weight <50 kDa	32.0%	36.8 %
Brown algae cream (<i>Ascophyllum</i> spp., <i>Laminaria</i> spp., <i>Fucus</i> spp., <i>Macrocystis</i> spp.)**			Amino acids, vitamins: B1, B2, B3, B6, B12, tocopherol, inositol**		
Plant-derived growth inducers: auxins, glycine betaines, cytokinins, gibberellins, and polyamines**			Alginates, mannitol, laminarins, and oligoelements**		

Raw materials: brown algae, plant extracts. **Data not present on the label.

* Equivalent to w/v at 20°C

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	From the fruit setting phase to fruit development	150-200
Horticultural crops	During the entire vegetative cycle	150-200
CROPS	FERTIGATION APPLICATION	DOSE l/ha*
All crops	During the entire life cycle	2-3

*The doses are indicative and should be adjusted based on the characteristics of the area and the needs of each crop.

Formulation

Packaging

Density (T=20°C)

pH (sol. 6 %)

Conductivity (sol. 10 %)

Soluble liquid

1-5-10-20 l

~ 1150 kg/m³

~ 7.2

~ 36.4 dS/m

Warnings

When used in mixture with other products, it is recommended to test the miscibility and compatibility on a limited number of plants. Avoid mixing with products that are alkaline, strongly acidic or copper based, except for artichoke, vine and olive.

Technical Notes



FOLIAR
APPLICATION



FERTIGATION
APPLICATION



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BIO

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