

Asweed

BIOACTIVATOR

Based on *Ascophyllum nodosum* extracts

Increases the plant's ability to synthesize its own hormonal substances

Promotes vegetative, productive, and qualitative development in all crops

Improves crop resistance to biotic and abiotic stress



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Characteristics

Asweed is a special bioactivator based on natural organic extracts derived from the brown seaweed *Ascophyllum nodosum*, formulated to synergistically and naturally stimulate plant growth and development processes. The formulation contains over 60 organic compounds, including macro and micronutrients, natural phytohormones (auxins, gibberellins, cytokinins), vitamins, enzymes, peptides, free amino acids, phytochromatic substances, and carbohydrates. These components are rapidly and fully assimilable by plants both through foliar and root uptake. The presence of natural phytohormones gives the product strong bioactivating properties, stimulating vegetative growth, cell division, and flowering, while also enhancing stress tolerance and delaying cellular aging. Mannitol and alginates, together with betaines, play a key role in chelating and osmoregulatory activity, improving nutrient availability and increasing resistance to water and salt stress. Enriched with essential amino acids and polyphenols, **Asweed** promotes vegetative development, tolerance to thermal stress (both high and low temperatures), and the production of phytoalexins, thereby strengthening the plant's resistance to abiotic stress. Thanks to its formulation, **Asweed** supports flowering and fruit set, enhancing both quality and yield, and contributing to more efficient resource use, resulting in cost reduction.

Composition

Organic Carbon (C)	8.5%
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Seaweeds cream (<i>Ascophyllum nodosum</i> high concentrations) *
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Mannitol	20 g/l
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Raw materials: brown algae.
*Data not present on the label

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	From the vegetative recovery phase to the fruit swelling	150-250
Horticultural crops	Throughout the vegetative cycle	150-250
Ornamentals	Throughout the vegetative cycle	150-250
Industrial crops	Throughout the vegetative cycle	150-250
CROPS	FERTIGATION APPLICATION	DOSE l/ha*
All crops	Throughout the vegetative 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	~ 1175 kg/m ³	~9.8	~ 67.1 dS/m

Warnings

When used in mixture with other products, it is recommended to test compatibility and miscibility on a small number of plants. Avoid mixing with mineral oils, alkaline products, or strongly acidic formulations. The use in combination with copper based products is not recommended, except on artichoke, grapevine, and olive. Under controlled conditions, when mixed, it is advisable to reduce dosages by approximately 10-20%.

Technical Notes



FOLIAR
APPLICATION



FERTIGATION
APPLICATION



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