

AlgenMix Zn Mn

BIOACTIVATOR

To improve productivity even under stress condition

Enhances plant growth interrupted by stress conditions (low temperature, low light)

Promotes the plant's vegetative recovery after herbicide application

Reactivates plant vitality thanks to brown algae extracts with the exclusive **ALGENFOUR SCE®** technology



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Characteristics

AlgenMix Zn Mn is a highly efficient bioactivator that synergistically combines micronutrients, such as zinc and manganese, and brown algae extracts (*Ascophyllum* spp., *Laminaria* spp., *Fucus* spp. and *Macrocystis* spp.), obtained through the **ALGENFOUR SCE®** (Super Cold Extraction) technology. This extraction process, performed at low temperature under supercritical conditions, preserves the integrity of the natural active ingredients, ensuring an effective concentration of bioactive molecules. **AlgenMix Zn Mn**, through the micronutrients zinc and manganese, involved in key metabolic pathways (protein synthesis, plant hormones, and chlorophyll), and the **ALGENFOUR SCE®** technology, reactivates growth and increases crop productivity, improving the plant's natural defences against environmental stress: water stress, salinity, low temperatures, and low light. The product has also proven to be highly effective in reducing stress caused by herbicide application.

Composition

	w/w*	w/v		w/w*	w/v
Total zinc (Zn)	5.0%	6.75%	Total manganese (Mn)	5.0%	6.75%

Raw materials: brown algae, plant extracts, zinc sulphate, manganese sulphate.

* Equivalent to w/v at 20°C

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees	Starting from the vegetative recovery (up to two applications)	100-200
Horticultural crops	Starting from the early stages of development	100-200
Industrial crops	Starting from the early stages of development	100-200
Ornamentals	Post-transplant development (every 5-7 days)	100-200
CROPS	FERTIGATION APPLICATION	DOSE l/ha*
All crops	Curative treatments and/or to improve productivity	2-4

*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	~ 1350 kg/m ³	~ 6.7	~ 46.0 dS/m
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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 copper based products. In the case of olive, grapevine, and artichoke, the association with copper based formulations is possible, but it is still advised to carry out preliminary miscibility and compatibility tests on a limited number of plants. It is recommended to store the product at a temperature no lower than 8-10 °C to avoid crystallization.

Technical Notes



FOLIAR
APPLICATION



FERTIGATION
APPLICATION



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