

Fruit Copper LQ

BIOACTIVATOR

With readily available copper and boron

Increases resistance to biotic stress

Prevents and corrects copper and boron deficiencies in crops

Stimulates the synthesis of chlorophyll, pigments, and carbohydrates



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Characteristics



Fruit Copper LQ is a bioactivator which amplifies the action of copper and boron thanks to the natural extracts of brown algae (*Ascophyllum* spp., *Laminaria* spp., *Fucus* spp. and *Macrocystis* spp.), ensuring optimal nutrition, increased productivity, and a rapid response to biotic stress. The algal extracts are obtained using **ALGENFOUR SCE®** (Super Cold Extraction) technology, under low-temperature supercritical conditions, which preserve the integrity of bioactive molecules and ensure high concentrations. In particular, these extracts are rich in natural phytohormones (auxins, cytokinins, betaines), polysaccharides, amino acids, and oligoelements; they improve nutrient uptake and transport and optimize plant physiology. Copper (Cu), an essential nutrient required by developing organs, plays an active role in chlorophyll synthesis, enzymatic regulation, and the formation of pigments and carbohydrates, contributing to plant growth and resistance to biotic stress (e.g., pathogenic fungi). boron (B) is a crucial micronutrient for flowering and fruit setting. It is involved in cell division, cell wall formation, and sugar metabolism, promoting better fruit and flower development.

Composition

	w/w*	w/v		w/w*	w/v
Total copper (Cu)	10.0%	12.8%	Water-soluble copper (Cu)	4.0%	5.1%
Water-soluble boron (B)	0.2%	0.3%			

Raw materials: brown algae, copper sulphate, copper oxychloride, boron ethanolamine.
* Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Fruit trees (no peach, plum or susceptible apple cultivars)	During the entire vegetative cycle	100-150
Horticultural crops (no rocket)	During the entire vegetative cycle	100-150
Industrial crops	During the entire vegetative cycle	100-150
Ornamentals	During the entire vegetative cycle	80-100

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

Formulation

Packaging

Density (T=20°C)

pH (sol. 6 %)

Conductivity (sol. 10 %)

Soluble liquid

1-5-10-20 l

~ 1280 kg/m³

~ 8.2

~ 32.0 dS/m

Warnings

When used in mixture with other products, it is recommended to conduct preliminary tests on small areas and a limited number of plants, adjusting dosages in case of sensitivity or phytotoxicity. Do not mix with mineral oils or alkaline-reacting products. Please, shake well before use.

Technical Notes



FOLIAR
APPLICATION



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