

BioIn MZ

PHYTOFORTIFIER

Healthier plants and greater productivity

Nourishes thanks to significant antioxidant intake

Supports by inducing the plant's natural defence system

Stimulates the transpiration processes in stress conditions



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BioIn MZ

Characteristics

BioIn MZ is a new fertilizer designed to naturally increase the crop yield by promoting the plant endogenous defence mechanisms. Thanks to the supply of two important nutrients, zinc and manganese, it is able to stimulate the plant response under biotic and/or abiotic stress conditions. Additionally, the polymeric components and the vegetal extracts, obtained with **PLANTEX SC**[®] technology, they work in synergy to ensure an optimal response under water and/or heat stress conditions, improving the plant transpiration and eliciting the production of secondary metabolites involved in the plant defence mechanisms. Its innovative formulation also ensures a high adhesion and distribution capacity on the treated leafy surfaces thanks to **ACTIVE SET**[®] technology.

Composition

	w/w*	w/v		w/w*	w/v
Total manganese (Mn)	0.5%	0.5%	Total zinc (Zn)	1.5%	1.5%

Raw materials: manganese salt, zinc salt.

* Equivalent to w/v at 20°C.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE ml/hl*
Horticultural crops	During the entire growing cycle avoiding during flowering stage	80-100
Fruit trees	During the entire growing cycle avoiding during flowering stage	80-100
Cereals	After the tillering stage	100
Ornamentals	During the entire growing cycle avoiding during flowering stage	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	~ 1029 kg/m ³	~ 6.3	~ 0.2 dS/m
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Warnings

Do not exceed the maximum recommended dose of 1.2 L/ha per treatment. Without previous experience, it is recommended to test the product on small areas and on a limited number of plants, adjusting the dosage in case of sensitivity/phytotoxicity. Do not use in mixture with mineral oils and allow a gap between treatments with them and the application of the product. Do not apply the product near the harvest phase or during flowering. If necessary, the application can be repeated. Do not use with high temperatures (T > 30°C) or in cases of intense sunlight exposure.

Technical Notes



FOLIAR
APPLICATION



PHYTOFORTIFIERS

PLANTEX SC[®]

ACTIVE SET[®]



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