

# Akar Plus MZ

RESISTANCE  
INDUCERS  
LINE

Increases yield by improving resistance to stress factors

1

Provides antioxidant and revitalizing compounds

2

Optimizes plant transpiratory processes in stressful conditions

3

ENHANCES PLANT ABSORPTION



**special fertilizers**  
for a modern  
agriculture

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ISO 9001  
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# Akar Plus MZ



## DESCRIPTION

Akar Plus MZ is an innovative fertilizer, with high adhesiveness and ability to distribute itself on treated surfaces, which brings zinc and manganese to the plant. These are two very important nutrients that intervene in numerous metabolic processes of the plant, in particular, those that respond to environmental stress. Furthermore, thanks to the peculiar properties of its components, of a polymeric nature, Akar Plus MZ increases the endogenous capacity of the plant to resist the main stress factors (temperature and/or water). In fact, Akar Plus MZ performs a dual function: it optimizes the transpiratory processes of the plant in stressful conditions, improving the water balance between the inside and outside of the plant, and it stimulates the production of secondary metabolites responsible for endogenous plant resistance responses.

## COMPOSITION

	w/w	w/v		w/w	w/v
Manganese (Mn) total	0,5 %	0,52 %	Zinc (Zn) total	1,5 %	1,57 %

%p/p equivalent to %p/v at 20°C.

## DOSES AND INSTRUCTIONS FOR USE

Crops	Foliar application	Dose ml/ha
Tree crops	During the entire growth cycle avoiding applications in full flowering stages	80-100
Horticultural crops	During the entire growth cycle avoiding applications in full flowering stages	80-100
Cereals	Upon shoot emergence	100
Ornamentals	During the entire growth cycle avoiding applications in full flowering stages	80-100

The above doses are meant to be a merely indicative value and may vary in relation to the soil and climate conditions of each area.

## WARNINGS

**It is recommended not to exceed the maximum permissible dose of 1.2 l/ha per treatment.** Carry out compatibility and miscibility tests on small areas and on a limited number of plants, checking and reducing dosages for sensitive and not expressly indicated crops. Do not mix the product with mineral oils and separate treatments of Akar Plus MZ with mineral oils. Do not exceed recommended concentrations. **Avoid treatments close to harvest.** Do not apply during flowering phase. Before applying, check for any phytotoxicity phenomena on a few plants. If necessary, repeat the application. Do not apply at high temperatures (>30°C) followed by strong sunlight.

## FORMULATION

Soluble liquid

## PACKAGES

0,1 - 0,25 - 0,5 - 1 - 5 l

## DENSITY (T=20°C)

approx. 1050 kg/m<sup>3</sup>

## pH (sol. 6 %)

approx. 6,1

## CONDUCTIVITY (sol. 10 %)

approx. 2,2 dS/m



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## TECHNICAL NOTES



Foliar  
application



Resistance  
inducer