



BIO

All Star Zn-Mn

1.51 Zn + 1.49 Mn + 12.9% Organic Matter

pH: 8.2 • EC: 108 μ S/cm • Specific weight: 1,112 g/ml • Appearance: Black color • 100% water soluble

What is All Star Zn-Mn?

All Star Zn-Mn is an innovative, organic, liquid Zinc-Manganese fertilizer, fully assimilable by plants, aimed at preventing and treating deficiencies of these trace elements. It is a sustainable product with biostimulant activity derived from the cyclic management of the substrate of mushroom culture (white mushroom-*Agaricus bisporus* and *Pleurotus ostreatus*) and from an extract of the algae *Ascophyllum nodosum*. In addition, it also contains bentonite.



Zinc

It is essential for the activation of various types of enzymes and for the synthesis of auxins. It is also involved in the metabolism of carbohydrates and proteins.

Manganese

Crucially involved in chlorophyll and lignin synthesis, photosynthesis, respiration and protein synthesis and is associated with the activation of plant enzymes that control various metabolic functions.

Method of application & Dosages

Mainly foliar but also with the irrigation system (fertigation). Apply during the cool hours of the day, early in the morning or in the evening in the absence of strong sunlight. Recommended for all crops. Suitable for use in organic farming.

In general, it is applied in the following dosages:

Vegetables: Foliar: 100-200 cc in 100 liters of water. Fertigation: 10-15 lt/Ha

Tree crops: Foliar: 100-200 cc in 100 liters of water. Fertigation: 10 lt/Ha

Why do we choose All Star Zn-Mn?

- Improves the ability to recover the growth rate of plants after exposure to low temperatures.
- Contains high levels of bioactive molecules (polysaccharides, polypeptides, proteins, phenolic compounds, vitamins, natural hormones) and nutrients which enhance the growth rate of plants by improving all growth and performance parameters.
- Promotes important physiological processes in plants such as photosynthesis.
- Contains organic matter that improves the structure of the soil.
- It is characterized by high bioavailability and gradual release of trace elements ensuring maximum crop requirements.
- Favors the assimilation of Nitrogen.
- Improves the tolerance of plants to biotic stresses (e.g. fungal diseases of the root system).

Composition

Composition	%w/w
Zinc (Zn) As EDTA complex	1.51 g Zn/100 ml
Manganese (Mn) As EDTA complex	1.49 g Mn/100 ml
Organic matter	12.9 g/100 g
Mushroom substrate extract (white mushroom <i>Agaricus bisporus</i> and <i>Pleurotus ostreatus</i>)	40%
<i>Ascophyllum nodosum</i> extract	30%

pH: 8,2

Constant composition product