



# All Star Micro

0.41 Cu + 1.18 B + 1.54 Fe + 0.53 Mo + 1.36 Zn  
+ 1.32 Mn + 19.9 % Organic Matter

## What is the All Star Micro?

All Star Micro is a high-performance, organic, liquid trace element fertilizer with biostimulating action. It is a product of the application of circular economy and sustainable management of mushroom, *Agaricus bisporus* and *Pleurotus ostreatus* growing substrates and the algae *Ascophyllum nodosum*. It aims to prevent and correct deficiencies of trace elements important and necessary for the normal growth of plants, such as Boron, Zinc, Lead, Manganese, Iron and Copper. It acts directly and is fully assimilated by plants without being phytotoxic and is biodegradable.



## Trace elements

They are required in smaller quantities than the macronutrients (Nitrogen, Phosphorus, Potassium) in plant nutrition, but they are vital. Each of these elements performs a function that has a decisive influence on the growth and yield of the crop. If one or more of them are found in excess, then a nutritional imbalance or even toxicity is caused.

While less than the required amount causes symptoms of deficiency. In both cases, both the yield and the quality of the product produced are affected. Combinations of trace elements are required to meet the needs at each phenological stage of each crop in order to avoid the possibility of food deficiencies.

## Why do we choose the All Star Micro?

### Contributes to the

balanced plant nutrition and promotes metabolic activities to maximize crop yield and quality characteristics.

### Contains

high levels of bioactive molecules (polysaccharides, polypeptides, proteins, phenolic compounds, vitamins, natural hormones) and nutrients which enhance the growth rate of plants, improving all growth and yield parameters.

### Improves

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.

### It makes

plants tolerant to biotic stresses and adverse weather conditions (e.g. low temperatures, drought).

## 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:** 100-200cc in 100 liters of water. **Fertigation:** 10 lt/Ha

**Olive trees, Tree crops: Foliar:** 150-200cc in 100 liters of water. **Fertigation:** 10 lt/Ha

COMPOSITION	% W/W
Copper (Cu) As EDTA complex	0.41 g Cu/100 ml
Boron (B) As Boric salt	1.18 g B/100 ml
Iron (Fe) As EDTA complex	1.54 g B/100 ml
Molybdenum (Mo) As molybdenum salt	0.53 g Mo/100 ml
Zinc (Zn) As EDTA complex	1.36 g Zn/100 ml
Manganese (Mn) As EDTA complex	1.32 g Mn/100 ml
Organic matter	19.9 g/100 g
Mushroom substrate extract (white mushroom <i>Agricus bisporus</i> and <i>Pleurotus ostreatus</i> )	40%
<i>Ascophyllum Nodosum</i> extract	30%

Constant composition product

**pH: 6.8 • EC: 175  $\mu$ S/cm • Special weight: 1,196 g/ml**

**Appearance: Black color • 100% water soluble**



 **ikorganic**

### Giving back to Mother Nature

Ikorganic produces organic growth, nutrition and plant protection products. Our philosophy is based on the Circular Economy Model and the Zero Waste Food Strategy, as in our modern facilities we turn animal & plant by-products and herbs of the Greek land into organic fertilizers and new types of organo mineral fertilizers. Further to that, Ikorganic is also active in the field of Research for the production of biological pesticides, totally devoted to ensuring the environmental and human safety.