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

pH: 6.8 • EC: 175 μS/cm • Specific weight: 1,196 g/ml • Appearance: Black color • 100% water soluble

What is 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.

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

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).

Composition

pH: 6,8

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 Fe/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 *Agaricus bisporus* and *Pleurotus ostreatus*)	40%
Ascophyllum nodosum extract	30%

Constant composition product