



# All Star B-Zn

1.43 B + 1.0 Zn + 6.1% Organic Matter

## What is All Star B-Zn?

All Star B-Zn is an innovative, organic, bio-based Boron-Zinc liquid fertilizer, since it is derived from the cyclic management of mushroom culture substrate (white mushroom-*Agaricus bisporus* and *Pleurotus ostreatus*) and from an extract of the algae *Ascophyllum nodosum*.



### Boron

It is essential for the structural integrity and functionality of cell walls and membranes, auxin metabolism and cell divisions.

### 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 and in the uptake and use of water by plants.

## Why do we choose All Star B-Zn?

### Prevents

the occurrence of symptoms associated with Boron and Zinc deficiency.

### Contains

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

### Improves

important physiological processes in plants such as photosynthesis.

### Contains

Organic matter which improves the structure of the soil.

### It is characterized by

high bioavailability and gradual release of trace elements ensuring in the maximum the crop requirements.

### Favors

the adequate uptake of the three main nutrients (nitrogen – phosphorus – potassium) by plants due to the combined action of Boron and Zinc.

### Improves

the tolerance of plants to abiotic stresses (cold-heat).

## 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: 10-15 lt/Ha

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

COMPOSITION	% W/W
Boron (B) As boric salt	1.43 g B/100 ml
Zinc (Zn) As EDTA complex	1.0 g Zn/100 ml
Organic substance	6.1 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: 7.7 • EC: 68  $\mu$ S/cm • Specific weight: 1,067 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.