All Star B-Zn

1.43 B + 1.0 Zn + 6.1% Organic Matter

pH: 7.7 • EC: 68 μS/cm • Specific weight: 1,067 g/ml • Appearance: Black color • 100% water soluble

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 *Ascophyllun 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.

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

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 maximum 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).

Composition

pH: 7,7

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 matter	6.1 g/100g
Mushroom substrate extract (white mushroom *Aagricus bisporus* and *Pleurotus ostreatus*)	40%
Ascophyllum nodosum extract	30%

Constant composition product