



All Star Fe

6.36 Fe + 27.6% Organic Matter

What is the All Star Fe?

All Star Fe is an innovative, organic, liquid Iron fertilizer with biostimulating action. It is derived from the utilization of the residues of the cultivation substrate of the mushrooms *Agaricus bisporus* and *Pleurotus ostreatus* and the algae *Ascophyllum nodosum*. It prevents and treats iron deficiency in crops.

It contains Iron which is an essential trace element for respiration and photosynthesis in plants.



pH: 5.9

EC: 177 $\mu\text{S}/\text{cm}$

Special weight: 1,237 g/ml

Appearance: Black color

100% water soluble

Why do we choose All Star Fe?

Is involved

in the activation of oxidative enzymes as well as in the biosynthesis of chlorophyll, the pigment responsible for the green color of leaves.

Increases

the rate of photosynthesis in plants.

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 growth and yield parameters.

Adds

an intense dark green color to the foliage of plants, preventing the formation of young chlorotic leaves.

Contains

organic matter that improves the structure of the soil.

It is characterized by

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

Favors

the development of healthy plants with increased tolerance to diseases, pests and abiotic stresses as it is fully assimilated and quickly absorbed by the 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: 125cc in 100 liters of water. **Fertigation:** 15-20 lt/Ha

Tree crops: Foliar: 150-200cc in 100 liters of water. **Fertigation:** 20 lt/Ha

COMPOSITION	% W/W
Iron (Fe) As EDTA complex	6.36% g Fe/100 ml
Organic matter	27.6% 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



 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.