



## BIOSTIMULANT WITH TRACE NUTRIENT IRON

**HUMIRON® Fe WSP** is a water-soluble organic trace element fertilizer based on bioactive potassium humate with plant available chelated iron. **HUMIRON® Fe WSP** can be used to prevent and correct iron deficiency symptoms in plants. In addition to supplying of chelated iron, the bioactive humic acids act as natural chelators, chelating trace elements in soils and increasing their availability to plants.

The humic acids contained in **HUMIRON® Fe WSP** increase the resistance of plants to abiotic stress factors (drought, cold, salt).

**HUMIRON® Fe WSP** is suitable for soil and foliar application and can be applied in combination with fertilizer or pesticide (pre-mixing test advised).

## BENEFITS & RECOMMENDED APPLICATION

- Mitigates iron deficiency in cultivated crops
- Can be applied pre-actively or over the entire vegetation period if needed
- Increases the stress tolerance of plants against drought, salt, cold and heat
- Increases fertilizer efficiency and productivity
- Economic source of iron compared to traditional chelated supplies
- Increases the water holding capacity of soils and reduces nutrient leaching

### FIELDS OF APPLICATION

- General Farming
- Vegetable Production
- Fruit Production
- Substrate Cultivates
- Hydroponics
- Lawn Care and Landscaping
- Seed Treatment

### RECOMMENDED APPLICATION RATES\*

Soil	10 – 12 kg/ha divided into several applications (1 – 2 kg/ha) during the vegetation period
Foliar	25 – 35 g/100 L water every two weeks during the vegetation period
Substrates	0.1 – 0.5 kg/m <sup>3</sup>
Seeds	0.1 % or 100 g/100 kg seed dressing according to thousand grain weight (T.G.W.)
Hydroponics	15 – 25 g/1000 L nutrient solution during the cultivation cycle

\* These are standard recommendations that can vary according to soil properties, cultivated crop and local system conditions.

### INHERENT COMPOSITION

(Typical values based on Dry Matter)

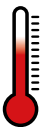
Potassium Humates	50 – 52 %	Dry Matter	83 – 85 %
Total Humic Acids <sup>1/2</sup>	44 – 46 %	Organic Substance	50 %
Humic Acid <sup>1</sup>	38 – 39 %	Iron (Fe – Chelates)	6 %
Fulvic Acid <sup>1</sup>	6 – 7 %	pH – value	9.5 – 10.5
Potassium (K <sub>2</sub> O)	14 – 16 %	Bulk Density	0.55 – 0.65 kg/L

<sup>1</sup> according to ISO 19822 | HPTA | AAPFCO | IHSS Analysis method

<sup>2</sup> according to CDFA 38 – 39 % | Colorimetric method 50 %

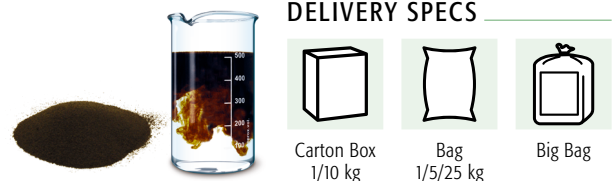
### STORAGE

Store in a dry place, protected from frost, heat and direct sunlight.



STORE OUT OF THE REACH OF CHILDREN

### DELIVERY SPECS



German technology

Administration & Distribution: **HUMINTECH GMBH**

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