



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 eliminate 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
- Increases the stress tolerance of plants against drought, salt, cold and heat
- Increases fertilizer use efficiency and productivity
- 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	6 – 10 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 ³
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

* Standard recommendations that can vary according to soil properties, cultivated crop and local application conditions.

BLEND USE NOTICE

Before use in combination with other agents, first preparation of a sample mix in a small scale is recommended to avoid any risk of flocculation.



STIR WELL BEFORE USE

After mixing the blend solution, rest for 30 minutes and stir again.



PREPARATION OF MIXTURE

Make sure sufficient amount of solution is added to half water filled tank while agitator is running. Add additional substances or crop protection agents before filling the tank fully with water.



INHERENT COMPOSITION (Typical values based on Dry Matter)

Potassium Humates	68 – 70 %	Iron (Fe)	6 %
Total Humic Acids ^{1/2}	54 – 55 %	Dry Matter	83 – 85 %
Humic Acid ¹	48 %	Organic Substance	49 – 50 %
Fulvic Acid ¹	6 – 7 %	pH	9.5 – 10.5
Potassium (K ₂ O)	16 – 17 %	Bulk Density	0.55 – 0.65 g/cm ³

¹ according to CDFA | Colorimetric method 68 %

² according to ISO 19822 | HPTA | AAPFCO | IHSS Analysis method

CONDITIONS FOR SAFE HANDLING AND STORAGE

Store in a dry area, protected from frost, heat and direct sunlight. Can be stored up to 5 years in its original packaging.

KEEP OUT OF THE REACH OF CHILDREN, PETS AND FOOD



DELIVERY SPECS



Carton Box
1 / 10 kg



Bag
1 / 5 / 25 kg



German technology

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