



BIOSTIMULANT WITH TRACE ELEMENT IRON

HUMIRON[®] Fe Liquid is an organic trace element fertilizer based on bioactive potassium humate with plant available chelated iron. It can be used to prevent and eliminate iron deficiency symptoms in plants. In addition to supplying chelated iron, the bioactive humic acids act as natural chelators, chelating trace elements in alkaline soils and increasing their availability to plants. The humic acids contained in Increase the resistance of plants to abiotic stress factors (drought, cold, salt etc.).

HUMIRON[®] Fe Liquid is suitable for soil and foliar application and can be applied in combination with fertilizer or pesticides (pre-mixing test advised).

BENEFITS & RECOMMENDED APPLICATION

- Increases fertilizer use efficiency and plant productivity
- Increases the stress tolerance of plants against drought, salt, cold and heat
- Eliminates iron deficiency in cultivations and is particularly effective in alkaline soils
- Increases the water holding capacity of soils and reduces nutrient leaching

FIELDS OF APPLICATION

- Agriculture
- Vegetable Production
- Fruit Production
- Substrate Cultivation
- Hydroponics
- Turf grass and Landscaping
- Seed Treatment

RECOMMENDED APPLICATION RATES *

Soil	20 – 30 L/ha divided into several applications (4 – 5 L/ha) during the vegetation period
Foliar	50 – 100 ml/100 L water every two weeks during the vegetation period
Substrates	1 – 2 L/m ³
Seeds	0.5 % or 500 mL/100 kg seeds as dressing according to thousand grain weight (T.G.W.)
Hydroponics	30 – 75 ml/1000 L nutrient solution during the cultivation cycle

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

SHAKE WELL BEFORE USE

Please remind to shake well the bottle or container prepared mix well before use.



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.



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 Fresh Matter)

Potassium Humates	20 – 22 %	Iron (Fe)	2 %
Total Humic Acids ^{1/2}	17 – 18 %	Dry Matter	25 – 28 %
Humic Acid ¹	17 – 18 %	Organic Substance	13 – 14 %
Fulvic Acid ²	1 – 2 %	pH	9.5 – 10.5
Potassium (K ₂ O)	3 – 4 %	Density	1.18 – 1.19 g/cm ³

¹ according to CDFA | Colorimetric method 30 %

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

CONDITIONS FOR SAFE HANDLING AND STORAGE

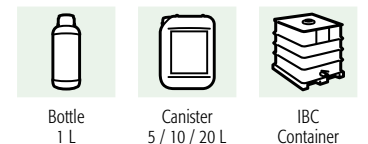
Store in a dry area, protected from frost, heat and direct sunlight. Can be stored up to 5 years in its original packaging.

KEEP CONTAINER CLOSED DURING STORAGE!

KEEP OUT OF THE REACH OF CHILDREN, PETS AND FOOD



DELIVERY SPECS



German technology

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