Fe HUMIRON® LIQUID
LIQUID IRON HUMATE

made in Germany

BIOSTIMULANT WITH TRACE ELEMENT IRON

HUMIRON® Fe Liquid is an organic trace element fertilizer based on bioactive potassium humate with plant available chelated iron. **HUMIRON® Fe Liquid** can be used to prevent and correct 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 **HUMIRON® Fe Liquid** 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 efficiency and plant productivity
- Increases the stress tolerance of plants against drought, salt, cold and heat
- Activates soil life and stimulates beneficial cycles in the soil
- Can be applied pro–actively, or over the entire vegetation period if needed
- Corrects iron deficiency in cultivations and is particularly effective in alkaline soils
- Economic source of iron compared to traditional supplies
- Increases the water holding capacity of soils and reduces nutrient leaching

FIELDS OF APPLICATION

- Agriculture
- Vegetable Production
- Fruit Production
- Substrate Cultivation
- Hydroponics
- Turf 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/m³
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

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

INHERENT COMPOSITION (Typical values based on Fresh Matter)

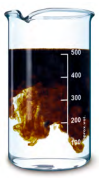
Potassium Humates	14 – 16 %	Dry Matter	25 – 28 %
Total Humic Acids [1/2]	12 – 14 %	Organic Substance	14 – 15 %
Humic Acid [1]	11 – 12 %	pH – value	9.5 – 10.5
Fulvic Acids [1]	1 – 2 %	Iron (Fe – Chelate)	2 %
Potassium (K_2O)	3 – 4 %	Bulk Density	1.2 kg/L

[1] according to **ISO 19822 | HPTA | AAPFCO | IHSS Analysis method**
[2] according to **CDFA 11 – 12 % | Colorimetric method 14 – 15 %**

STORAGE

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

STORE OUT OF THE REACH OF CHILDREN



DELIVERY SPECS

Bottle 1 L | Container 5/10/20 L | IBC Container

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