Mix HUMIRON® WSP

WATER SOLUBLE TRACE ELEMENTS IRON HUMATE

made in Germany

BIOSTIMULANT WITH ORGANIC TRACE ELEMENTS

HUMIRON® Mix WSP is a concentrated, water–soluble fertilizer with trace elements based on bioactive potassium humates (activated humic matter) and trace elements. The main components are bio–active humic acids combined with iron (Fe), zinc (Zn) and manganese (Mn), in a chelated plant available form. **HUMIRON® Mix WSP** can be used to prevent and correct trace element deficiencies in crops. The humic acids present in **HUMIRON® Mix WSP** increase the resistance against abiotic stress (drought, salt, heat, etc.). **HUMIRON® Mix WSP** is suitable for both soil and foliar applications and can be combined with other fertilizers and pesticides (pre–mixing test advised).

BENEFITS & RECOMMENDED APPLICATION

- Corrects nutrient deficiency symptoms (Fe, Zn, Mn) in the cultivation
- It is a natural, economic source of trace elements compared to traditional synthetic chelated sources which often contain excessive sodium
- Increases fertilizer use efficiency and plant productivity
- Increases tolerance of plants against abiotic stresses such as drought, salt, cold and heat
- Increases the water holding capacity of soils and reduces nutrient leaching
- Provides available forms of Fe, Zn and Mn for direct uptake by plants either through the leaves or root systems without prior conversion
- Activates soil life and encourages beneficial cycles in the soil
- Decreases stress from drought and/or application of pesticides

FIELDS OF APPLICATION

- Agriculture
- Vegetable Production
- Fruit Production
- Substrate Cultivation
- 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/m³
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	48 – 50 %	Organic Substance	50 %
Total Humic Acids [1/2]	35 – 38 %	pH – value	9 – 10
Humic Acid [1]	34 – 36 %	Iron (Fe – Chelates)	3.5 %
Fulvic Acid [1]	1 – 2 %	Zinc (Zn – Chelates)	2.5 %
Potassium (K_2O)	12 – 14 %	Manganese (Mn – Chelates)	1.5 %
Dry Matter	83 – 85 %	Bulk Density	0.55 – 0.65 kg/L

[1] according to **ISO 19822 | HPTA | AAPFCO | IHSS Analysis method**
[2] according to **CDFA 35 – 38 % | 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

Carton Box 5/10 kg | Bag 1/5/25 kg | Big Bag

HUMIN TECH® HUMIC SUBSTANCES BASED PRODUCTS

German technology

Administration & Distribution: **HUMINTECH GMBH**

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