



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/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

* 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 ₂ O)	12 – 14 %	Manganese (Mn – Chelates)	1.5 %
Dry Matter	83 – 85 %	Bulk Density	0.55 – 0.65 kg/L

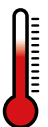
¹ according to ISO 19822 | HPTA | AAPFCO | IHSS Analysis method

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



German technology

Administration & Distribution: **HUMINTECH GMBH**

Am Pösenberg 9 – 13 • 41517 Grevenbroich / Germany • E-Mail: info@humintech.com • Internet: www.humintech.com

