

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
- Increases fertilizer use efficiency and plant productivity
- Increases the water holding capacity of soil and reduces nutrient leaching
- Increases tolerance of plants against abiotic stresses such as drought, salt, cold and heat

#### FIELDS OF APPLICATION

- Agriculture
- Vegetable Production
- Fruit Production
- Substrate Cultivation
- 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 <sup>3</sup>
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.



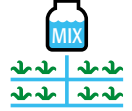
#### STIR WELL BEFORE USE

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	51 – 53 %	Manganese (Mn)	1.5 %
Total Humic Acids <sup>1/2</sup>	40 %	Zinc (Zn)	2.5 %
Humic Acid <sup>1</sup>	35 – 38 %	Dry Matter	83 – 85 %
Fulvic Acid <sup>1</sup>	4 – 5 %	Organic Substance	48 – 49 %
Potassium (K <sub>2</sub> O)	11 – 13 %	pH	9.5 – 10.5
Iron (Fe)	3.5 %	Bulk Density	0.55 – 0.65 g/cm <sup>3</sup>

<sup>1</sup> according to CDF | Colorimetric method 50 %

<sup>2</sup> 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