



made in Germany



## HIGHLY CONCENTRATED BIOSTIMULANT & FERTILIZER

**HUMAGRA® NPK 6-0-10 + HA WSG** is a water soluble, organic mineral fertilizer based on potassium humate (activated humic acids) from high quality German Leonardite and nitrogen.

It provides the crop with plant available nitrogen and potassium for high crop yields. Due to the humic substances with their high cation exchange capacity, the nutrients are bound so that they are available for plants. Humic substances, especially in sandy soils, form the very basis for sustainable and efficient nutrient absorption by the plant.

**HUMAGRA® NPK 6-0-10 + HA WSG** can be applied using fertigation, hydroponic and sprinkler systems as well as conventional foliar sprays. Also suitable for hydroponic cultivation systems.

## BENEFITS & RECOMMENDED APPLICATION

- Provides available nitrogen and potassium to the plant and prevents nitrate leaching
- Increases fertilizer efficiency
- Strengthens early plant development and facilitates full growth potential
- Increases tolerance of plants against abiotic stress (drought, salt stress, cold and heat)
- Increases the buffering capacity and cation exchange capacity (CEC) of soils
- Promotes a deep and dense root development

### FIELDS OF APPLICATION

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

### RECOMMENDED APPLICATION RATES\*

Soil	8 – 10 kg/ha divided into several applications (1 – 2 kg/ha) during the vegetation period
Foliar	15 – 25 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	10 – 20 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	70 %	Organic Substance	70 %
Total Humic Acids <sup>1/2</sup>	60 %	pH – value	9.5 – 10.5
Humic Acid <sup>1</sup>	55 %	Total Nitrogen	6 %
Fulvic Acid <sup>1</sup>	5 %	Thereof available Nitrogen	5 %
Potassium (K <sub>2</sub> O)	10 %	Bulk Density	0.55 – 0.65 kg/L
Dry Matter	83 – 85 %		

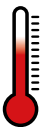
<sup>1</sup> according to ISO 19822 | HPTA | AAPFCO | IHSS Analysis method

<sup>2</sup> according to CDFA 60 % | Colorimetric method 70 %

### 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**

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