



made in Germany



## MULTI – ACTIVE BIOSTIMULANT

**HUMICRAFT® WSG** is a water soluble, organic fertilizer based on potassium humates (activated humic acids), algae extract and amino acids. **HUMICRAFT® WSG** has a growth-promoting effect on roots and supports nutrient absorption with the help of humic acids. The algae extract (*Ascophyllum nodosum*) promotes rapid development of plant tissue. Amino acids taken up by the root are directly available to the plant as building blocks for protein biosynthesis. This saves energy for the plant, which it can utilise in other metabolic processes such as yield formation and abiotic stress compensation. In addition, plant amino acids serve as a nitrogen source. **HUMICRAFT® WSG** can be applied using fertigation, hydroponic and sprinkler systems as well as conventional foliar sprays. (Pre-mixing test recommended.)

## BENEFITS & RECOMMENDED APPLICATION

- Stimulates plant growth, increases yield and improves the quality of the plant
- Facilitates the plant's energy balance
- Increases and stimulates the population of beneficial microorganisms and activates soil life
- Increases the tolerance of plants against abiotic stress (drought, salt stress, cold and heat)
- Reduces the residues of herbicides and toxic substances in soils
- Increases the effectiveness of fertilizers and reduces nutrient leaching, especially nitrates
- Increases seed germination and enhances free radicle development
- Strengthens root development and increases yield

### FIELDS OF APPLICATION

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

### RECOMMENDED APPLICATION RATES\*

Soil	6 – 8 kg/ha (during stress periods) divided into several applications (1 – 2 kg/ha) during the vegetation period
Foliar	0.1 kg/100 L water every two weeks during the vegetation period
Substrates	100 – 150 g/m <sup>3</sup>
Seeds	0.3 % or 300 g/100 kg seeds as dressing according to thousand grain weight (T.G.W.)
Hydroponics	10 – 15 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)

Amino Acids	30 %	Potassium (K <sub>2</sub> O)	12 %
Algae Extract ( <i>Ascophyllum nodosum</i> )	30 %	Dry Matter	85 – 86 %
Potassium – Humate	40 %	Organic Substance	65 %
Total Humic Acids <sup>1/2</sup>	33 – 34 %	pH – value	8 – 9
Humic Acid <sup>1</sup>	30 – 31 %	Total – Nitrogen (N)	5 – 6 %
Fulvic Acid <sup>1</sup>	3 %	Bulk density	0.6 kg/L

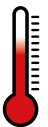
<sup>1</sup> according to ISO 19822 | HPTA | AAPFCO | IHSS Analysis method

<sup>2</sup> according to CDFA 30 – 31 % | Colorimetric method 65 %

### STORAGE

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

STORE OUT OF THE REACH OF CHILDREN



### DELIVERY SPECS



German technology

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