



Made in Germany



BIOSTIMULANT & ORGANIC FERTILIZER

BioHealth[®] TH BS WSG is a water-soluble, organic fertilizer based on humic acid (potassium humate), seaweed and microorganisms (beneficial bacteria and fungi). The combination of humic acids, seaweed extract (Ascophyllum nodosum), beneficial microorganisms (Bacillus strains and Trichoderma strains) encourages strong and healthy plant growth. The beneficial microorganisms also nourish on root exudates in the rhizosphere and increase the resistance of the plant to stress, encouraging microbial activity in the soil and rhizosphere. They mobilize inactive nutrients, making them available to plants. Humic acids and seaweed extract stimulate root growth.

BENEFITS & RECOMMENDED APPLICATION

- Increases the resistance of the plant against abiotic stresses (drought, disease, high or low temperature and salt stress)
- Stimulates the formation of healthy, bio-active soils
- Enhances the germination of seeds and increases their growth
- Increases nutrient availability in the soil for plants
- Stimulates root and plant growth and increases yield
- Increases the buffering capacity of soils especially in unfavorable pH conditions

FIELDS OF APPLICATION

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

RECOMMENDED APPLICATION RATES*

Soil	3 – 5 kg/ha divided into several applications (1 kg/ha) during the vegetation period
Foliar	50 – 75 g/ 100 L water in the spraying solution
Substrates	0.1 – 0.5 kg/m ³
Root Treatment	0.1 – 0.2 % solution (1 – 2 g/L water) as soaking solution before transplanting
Seeds	100 – 200 g/100 kg seed dressing according to thousand grain weight (T.G.W.)
Hydroponics	10 – 15 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)

Seaweed Extract	10 %	Fulvic Acid ¹	2 – 3 %
Trichoderma Harzianum	10 ⁶ cfu/g	Potassium (K ₂ O)	10 – 12 %
Bacillus Amyloliquefaciens	10 ⁷ cfu/g	Dry Matter	83 – 85 %
Potassium Humates	70 – 75 %	Organic Substance	65 – 69 %
Total Humic Acids ^{1/2}	65 – 66 %	pH	9.5 – 10.5
Humic Acid ¹	47 – 49 %	Bulk Density	0.55 – 0.65 g/cm ³
Humic Acid ²	62 – 63 %		

¹ according to ISO 19822 | HPTA | AAPFCO | IHSS Analysis method
² according to CDFA 63 % | Colorimetric method 70 %

CONDITIONS FOR SAFE HANDLING AND STORAGE

Store in a dry area, protected from frost, heat and direct sunlight. The product can be stored up to one year at room temperature and two years below +10 °C. in its original packaging



KEEP OUT OF THE REACH OF CHILDREN, PETS AND FOOD

DELIVERY SPECS



German technology

Administration & Distribution: **HUMINTECH GMBH**
 Am Pösenberg 9 – 13 • 41517 Grevenbroich / Germany • E-Mail: info@humintech.com • Internet: www.humintech.com

