

TH BS BioHealth[®] WSG



made in Germany



SOIL CONDITIONER & BIOSTIMULANT

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.

Biohealth[®] TH BS WSG should be regarded as a soil conditioner or plant intensifier.

BENEFITS & RECOMMENDED APPLICATION

- Increases the resistance of the plant against abiotic stresses (drought, disease, high or low temperature and salt stress)
- Increases the plant's resistance against biotic stress (pathogens)
- Stimulates the formation of healthy, bio-active soils
- 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
- Enhances the germination of seeds and increases their growth

FIELDS OF APPLICATION

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

RECOMMENDED APPLICATION RATES*

Soil	3 – 5 kg/ha divided into several applications (1 kg/ha) during the vegetation period
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

* 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)

Algae Extract (<i>Ascophyllum nodosum</i>)	10 %	Potassium – Humates	75 %
<i>Trichoderma harzianum</i>	10 ⁶ cfu/g	Potassium (K ₂ O)	10 – 12 %
<i>Bacillus subtilis</i>	10 ⁷ cfu/g	Dry Matter	83 – 85 %
Total Humic Acids ^{1/2}	66 – 68 %	Organic Substance	68 – 70 %
Humic Acid ¹	61 – 62 %	pH – value	9.5 – 10.5
Fulvic Acid ¹	5 – 6 %	Bulk Density	0.55 – 0.65 kg/L

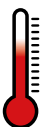
¹ according to ISO 19822 | HPTA | AAPFCO | IHSS Analysis method

² according to CDFA 68 % | 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

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