



made in Germany



SOIL CONDITIONER & BIOSTIMULANT

LIQHUMUS® Liquid 18 is a liquid organic plant growth stimulant and soil conditioner based on active humic acid (potassium humate). **LIQHUMUS® Liquid 18** is a bioactive growth stimulant, especially for sandy and heavy clay soils. **LIQHUMUS® Liquid 18** is a permanent humic substance which cannot be easily decomposed by soil microorganisms. **LIQHUMUS® Liquid 18** is miscible with other operating fluids, prepare test mixture before use. **LIQHUMUS® Liquid 18** has a stimulating effect on plant growth in the soil and especially on stronger root development. This improves the absorption of nutrients. An increased root biomass remains in the soil, which contributes to the development of further permanent humus. For plant strengthening, the living conditions for useful soil microorganisms are improved.

BENEFITS & RECOMMENDED APPLICATION

- Immediately improves plant nutrient absorption and fertilizer efficiency of soils
- Increases the stress tolerance of plants against drought, salt, cold and heat
- Stimulates vigorous root growth and yield formation
- Increases the buffering and cation exchange capacity of soils
- Acts as a natural chelator for micronutrients in soils and increases their availability to plants
- Stimulates the formation of fertile, microbially active soils
- Improves the soil structure and increases its water holding capacity
- Increases the seed germination and root development

FIELDS OF APPLICATION

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

RECOMMENDED APPLICATION RATES*

Soil	25 – 45 L/ha divided into several applications (5 – 10 L/ha) during the vegetation period
Foliar	75 – 150 ml/100 L water every two weeks during the vegetation period
Substrates	0.5 – 2,5 L/m ³
Seeds	0.5 % or 500 mL/100 kg seed dressing according to thousand grain weight (T.G.W.)
Hydroponics	50 – 150 ml/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.

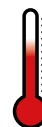
INHERENT COMPOSITION (Typical values based on Fresh Matter)

Potassium Humates	20 – 21 %	Dry Matter	22 – 23 %
Total Humic Acids ^{1/2}	18 %	Organic Substance	17 – 18 %
Humic Acid ¹	14 %	pH – value	9.5 – 10.5
Fulvic Acid ¹	4 %	Density	1.12 kg/L
Potassium (K ₂ O)	2.5 – 3 %	Particle sizes	100 – 150 µm

¹ according to ISO 19822 | HPTA | AAPFCO | IHSS Analysis method
² according to CDFA 18 % | Colorimetric method 20 %

STORAGE

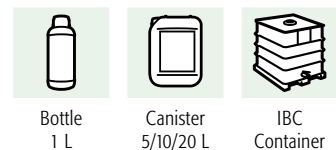
Store in a dry place, protected from frost, heat and direct sunlight.



STORE OUT OF THE REACH OF CHILDREN



DELIVERY SPECS



German technology

Administration & Distribution: **HUMINTECH GMBH**

Am Pösenberg 9 – 13 • 41517 Grevenbroich / Germany • E-Mail: info@humintech.com • Internet: www.humintech.com

