

HUMINSeed[®] LIQUID

Humic Substance Based Seed Germination Accelerator



made in Germany



SEED TREATMENT BIOSTIMULANT

HUMINSEED[®] Liquid is a plant biostimulant based on highly bioactive potassium humate and potassium fulvate, algae extract and zinc. The high concentrations of humic substances support the enzyme activity and metabolic processes in the seed during germination, thereby increasing germination rate.

Seeds treated with **HUMINSEED[®] Liquid** can absorb the bioactive humic substances through the cell membranes, stimulating the metabolic activities of the embryo. Huminseed liquid accelerates the germination process and root development in the field.

HUMINSEED[®] Liquid can be applied alone or in combination with other previously tested mordants and agents.

BENEFITS & RECOMMENDED APPLICATION

- **Premium quality:** High active ingredient content and highest Product purity
- Increases and accelerates the germination rate
- Accelerates the growth of the plant
- Improves early nutrient uptake by the roots
- Stimulates metabolic and enzyme activity in the seed
- Strengthens growth of radicles
- Strengthens the root growth
- Promotes the early growth of the young plant and stimulate the buds formation)
- Improves the early uptake of nutrients by the roots

FIELDS OF APPLICATION

- Seed dressing
- Seed coating
- Seed swelling (priming)

RECOMMENDED APPLICATION RATES*

Seed dressing

0.5 % pickling solution for spraying and subsequent drying before sowing

Seed pilling

0.1 – 0.2 % solution in the pilling compound

Seed swelling (priming)

0.5 % pickling solution in the immersion bath and subsequent drying before sowing

* 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	16 – 18 %	Potassium (K ₂ O)	2.5 – 3 %
Total Humic Acids ^{1/2}	16 %	Dry Matter	22 – 23 %
Humic Acid ¹	12 %	Organic Substance	14 – 18 %
Fulvic Acid ¹	4 %	pH – value	9.5 – 10.5
Algae Extract (Ascophyllum nodosum)	2 %	Bulk Density	1.12 kg/L
Zinc (Zn)	0.1 %	Particle sizes	100 – 150 µm

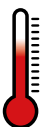
¹ according to ISO 19822 | HPTA | AAPFCO | IHSS Analysis method

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

