



Humic Explosion

Mass percent composition (%):

Ph	8
Fulvic acids and humic salts	107 g/kg
N	57,7 g/kg
K ₂ O	50 g/kg
SO ₃	6,15 g/kg
SU	0,15 g/kg
B	0,15 g/kg
Mo	0,002 g/kg
Mg	0,09 g/kg
Zn	0,023 g/kg
Fe	0,038 g/kg
Mn	0,038 g/kg
Ca	0,19 g/kg

Density: 1.33 g/ml

Volume percent composition (%):

Ph	8
Fulvic acids and humic salts	140 g/l
N	75,0 g/l
K ₂ O	65.0 g/l
SO ₃	8 g/l
SU	0,2 g/l
B	0,2 g/l
Mo	0,03 g/l
Mg	0,12 g/l
Zn	0,03 g/l
Fe	0,05 g/l
Mn	0,05 g/l
Ca	0,25 g/l

Date of manufacture: 00.00.0000
Expiration date: 00.00.0000
Registration number: 000000000

Amino acids (l-lysine, DL-methionine) – 22.5 g/l Vitamins (A, D, E, K, B1, B2, B5, B)

Safety and storage measures

To maintain the safety of the product quality packaging of fertilizers should be stored in a cool, dry, indoor place at temperature between +10 and +25°C, apart from the food and drugs. Avoid storage near flammable gases, electric motors and internal combustion engines, instruments, and chemicals. Do not leave empty packages in places easily accessible to children or pets. The usual precautions for handling fertilizers should be observed. Wash hands and face after handling the product. In case of contact with eyes, flush with water. After contact with skin, wash with water and soap if necessary. If ingested, rinse mouth and drink plenty of water. Take steps to control product discharge into the environment. Notify appropriate authorities if required and arrange for the recovery of spilled material. Methods for Clean-up: Dilute and wash away with large amounts of water. Dispose of in accordance with local regulation.



ADVANTAGES OF THE PRODUCT:

- Facilitates growth and development of plants; increases the fertility and quality of crops by 10-20 %;
- Boosts plant immunity to different diseases, frost, and drought; enhances the efficiency of mineral fertilizers and protection agents, allowing the reduction of their dosage by 20-30 %;
- Facilitates the rooting of seedlings and young plants;
- Facilitates the recovery of soil fertility (activates soil microbial flora); facilitates the rooting of seedlings and young plants;
- Reduces the level of nitrates and nitrites of the cultivated crops;
- Provides for growth of humic substances rate in the soil; treats the soil (binds heavy metals).

APPLICATION:

Suitable for use in all fertigation systems and foliar application.
Can be mixed with the majority of nutrient solutions and pesticides.
For low fertility, exhausted soils, and weakened plants.

- Drip irrigation of plants 0.2 l/ha, frequency 1 time every 15 days throughout the growing season.
- Leaf treatment of 0.2 l/ha 3 times per season
- Off-root treatment of gardens and shrubs 0.4 l/ha 3 times per season.

NORDFERT

ECO-HUMAT is a 100 % organic biologically active substance Organic Humic Fertilizer Organic Humic Fertilizer is an environmentally friendly product for root and foliar nutrition of agricultural crops, seed dressing, rooting of cuttings and young plants.

PACKAGE MASS/VOLUME:



Crop	Seed treatment	Vegetation treatment
APPLE, PEAR, CHERRY, PLUM, QUINCE, PEACH, APRICOT	Soaking apple young plant roots in HUMAT POTASSIUM solution before bedding. Soaking duration: 24 hours. Use 0.05 liters of substance per 10 liters of water.	4 sprayings of apple plants during the vegetation period: 1st spraying in 5–7 days after blooming; 2nd spraying at the beginning of physiological fruit drop; 3rd spraying during prefoliation; 4th spraying during the intensive fruit growth. Working solution dosage: 1,000 L/ha per one treatment. Preparing a working solution: dissolve 2.5 L of HUMAT POTASSIUM in 3,500 L of water to treat 5 ha with the solution.
GRAPE	Soaking grape cuttings in HUMAT POTASSIUM solution before bedding. Soaking duration: 24 hours. Use 0.05 liters of substance per 10 liters of water.	3 sprayings of grape plants during the vegetation period: 1st spraying during budding; 2nd spraying after blooming; 3rd spraying during ripening. Working solution dosage: 1,000 L/ha per one treatment. Preparing a working solution: dissolve 2.5 L of HUMAT POTASSIUM in 3,500 L of water to treat 5 ha with the solution.
WATERMELON	Seed pretreatment together with any other pretreating agents before bedding. Working solution dosage: 10 liters per 1 ton of seeds. To prepare a working solution: soak 0.25 liters of HUMAT POTASSIUM in 10 liters of water. Soaking seeds in HUMAT POTASSIUM solution before bedding. Soaking duration: 18 hours. Use 0.1 liters of substance per 1 kg of seeds.	2 sprayings of plants during the vegetation period: 1st spraying during vine formation, and 2nd spraying in 15–20 days after it. Working solution dosage: 300 L/ha per one treatment. Preparing a working solution: dissolve 1 L of HUMAT POTASSIUM in 1,500 L of water to treat 5 ha with the solution.
CITRUS	Soaking young plant roots in HUMAT POTASSIUM solution before bedding. Soaking duration: 10–12 hours. Use 0.05 liters of substance per 10 liters of water.	4 sprayings of apple plants during the vegetation period: 1st spraying in 5–7 days after blooming; 2nd spraying at the beginning of physiological fruit drop; the next two sprayings – with the interval of 2–3 weeks. Working solution dosage: 1,000 L/ha per one treatment. Preparing a working solution: dissolve 2.5 L of HUMAT POTASSIUM in 3,500 L of water to treat 5 ha with the solution.
NUT-BEARING, PISTACHIO, ALMOND, WALNUT, CHESTNUT, BEECH	Soaking for up to 10 hours. Use 0.05 liters of substance per 10 liters of water.	For young plants: soak and irrigate during planting with 2 or 3 sprays on leaves 'with a 14-day interval. Treat trees and shrubs before blooming and 2 times in 14 days after blooming 'with a 14-day interval. Working solution dosage: 1,500 L/ha per one treatment. Preparing a working solution: dissolve 3.0 L of HUMAT POTASSIUM in 4,500 L of water to treat 5 ha with the solution.
DECORATIVE AND FLOWER CULTURES - MONOCYCLIC - PERENNIAL	<ul style="list-style-type: none"> • Soaking for 14 hours. Use 0.05 liters of substance per 10 liters of water • Soaking for 14 hours. Use 0.05 liters of substance per 10 liters of water. 	2 sprayings: 1st spraying during budding, 2nd spraying after blooming, leaves treatment 'with a 14-day interval . 4 sprayings: 1st in early spring; 2nd in 21 days after the 1st one; 3rd spraying during budding, and 4th spraying during blooming. Working solution dosage: 1,000 L/ha per one treatment. Preparing a working solution: dissolve 2.5 L of HUMAT POTASSIUM in 3,500 L of water to treat 5 ha with the solution.

USE AND DOSING OF HUMAT - POTASSIUM FOR IRRIGATION, INCLUDING GREENHOUSES

The solution is used both as an independent agent and in one tank mixture with other mineral fertilizers and pesticides. It is compatible with all organic, mineral, micro- and macrofertilizers.

Plant type	Recommended rate per 100 L of water	
	Early phase	Late phase
Vegetables	0.5	0,25
Gardens and berry patches	0.3	0.10 - 0.15
Vineyards	0.5 - 0.7	0.25 - 0.35

Drip watering: rated use is 0.3 L per 100 L of working solution. Treatment frequency depends on fertilizer element crop removal.

Humic substances in soils create long-term reserves of all nutrients, as well as carbohydrates, aminoacids, and provide for stable development of the currently known life forms and biocoenoses integrity.

In its turn, it provides for plant cell power growth and the related metabolic processes intensification. Such ingredients also prevent a range of fungal and viral diseases. It is an integral part of mobilization of plant immune system.

When applied on a regular basis, HUMAT POTASSIUM saturates the plants with the necessary macroand microelements, facilitating their growth and development. The substance also improves soil features resulting in higher yield. In the end, farmers get environmentally save products.

Net: 20 l (26.6 kg)

Country of origin: Estonia / EU
Producer / Supplier: NordFert OÜ
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