

GERMINOSEED

Contains: Trichoderms 0.4×10^4 cfu/ml, Amino acids of vegetable origin 4%, Humic substances 10%

Microorganisms: not derived from/or produced using GMOs

Amino acids - hydrolyzed proteins of vegetable origin

Humic substances - Humic acids, potassium salts

Germination biostimulator

Seed Treatment

Formulations: soluble concentrate

Danger phrases

Not applicable

Precautionary statements

P501 – Dispose of contents/container in accordance with national/international regulations

The product can be used in organic farming according to Regulation (EC) 848/2018

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Batch. no: see above

Date of manufacture: see above

Validity period: 24 months

Storage: Store in a dry, cool and well-ventilated place. Storage temperature $5^{\circ}\text{C} - 25^{\circ}\text{C}$.

Warning: Read the accompanying instructions before use.

Manufacturer: Norofert SA

Street LT. AV. Șerban Petrescu, No. 20, District 1,

Bucharest Romania

Phone: 0766 080 767

For your attention:

Shake the container vigorously for 15-20 seconds for good homogenization. By observing the indications presented, the product can be used for its intended purpose. The manufacturer declines any responsibility for damages due to storage, handling or use not in accordance with the recommendations on this label.

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Germination biostimulator**Seed Treatment**

Physico-chemical properties: is presented in the form of a brown-yellow soluble concentrate with a specific smell.

Mode of action:

Biological fertilizer for seed treatment. Due to the complex composition in combination with humic substances, a better and uniform emergence, a better initial vigor, and an increase in tolerance to biotic and abiotic factors immediately after emergence are observed. The application of amino acids can lead to better plant development as these molecules can act as signals of several beneficial plant physiological processes. Biological treatments lead to the development of the root system and its microbiome, and therefore its ability to assimilate nutrients, and uniform growth and establishment even in adverse conditions, ultimately increasing production. Trichoderms can interact with roots, and plants whose roots are colonized by them have higher levels of enzymes that aid resistance to abiotic stressors.

Mode of use:

Crop	Dosage
Wheat	2 l/to
Sunflower	10 l/to
Rapeseed	10 l/to
Corn	10 l/to

Application time:

BBCH 00 – seed treatment

Preparation of the solution:

First an inspection is made of the treating machine to be clean without residues from other products, and it is calibrated for the fixed volume of solution. Shake the can with the product well before use. Fill the tank of the treatment machine halfway, add the appropriate amount of product, and then top off with the same quantity of Freya Seed TS.

Application technique:

Discontinuous or continuous flow seed treatment machines can be used. The volume of solution used depends on the equipment used and the culture. It is recommended to use a volume of solution of 4 l/ton for wheat (2 l GerminoSeed + 2 l of Freya Seed TS or water), for the other crops it can be used as such, or in the case of corn and sunflowers you can add 3-5 l/to of Freya Seed TS or water, so that there is good uniformity and coverage of the seeds. Shake the solution well during filling and application.

Application recommendations:

The solution will be applied immediately after mixing. Only the solution required for use that day will be prepared, and the solution will not be kept in the car overnight. The treatment is recommended as much as possible to be done immediately before sowing or 24 hours before. Application in combination with Germinoseed is highly recommended.

Compatibility: mixing with other products than indicated, will be avoided to prevent the inactivation of microorganisms.

Break time: 0 days

Equipment Cleaning: Equipment will be pressure washed before and after application, and particularly if a product that could damage the crop has been used prior to GerminoSeed.

Hygiene measures and work protection:

Avoid contact with skin, eyes and clothing. Do not breathe vapors/aerosols. Use personal protective clothing. Wear protective gloves, protective clothing and eye protection or face protection. Keep work clothes separate. Sufficient ventilation and ventilation of the workplace and storage. Do not eat, drink or smoke during use. Keep away from food, beverages and feed products, seeds or their packaging. Hands and/or face must be washed before breaks and at the end of the work schedule. Keep out of reach of children and other unauthorized persons, and in animal access areas. If medical advice is necessary, keep the product container or label close at hand. After using the product,

thoroughly wash the parts of the body that have been contaminated. Do not remove contaminated work clothing outside the workplace.

First aid measures:

Remove all contaminated clothing immediately. Keep the product container, label or safety data sheet in case you consult a doctor.

- after inhalation: rest, fresh air, medical assistance.
- after skin contact: Wash off immediately with plenty of soap and water. If irritation persists, call a doctor.
- after contact with the eyes: wash the affected eyes, with the eyelids open, for at least 15 minutes under running water.
- after ingestion: vomiting will not be induced. It will rinse the mouth very well. A doctor will be notified immediately.

Indications for the doctor: no specific antidote is known. It will be treated symptomatically.

Environmental protection measures:

Do not discharge on the ground/basement. Do not empty into drains/surface water/ground water. To prevent by any means that the product reaches the surface waters.

Disposal of empty packaging:

After emptying, the packages are rinsed three times, and the resulting water is added to the spray solution. They will be collected and handed over to a company dealing with packaging recycling/neutralization. Do not reuse empty packaging for other purposes.

Fire prevention and extinguishing measures:

Suitable extinguishing media: water spray, dry powder, sand, alcohol-resistant foam, carbon dioxide. Unsuitable: strong water jet. Full protective equipment and self-contained breathing apparatus will be worn. In case of fire and/or explosion do not inhale the smoke. Keep containers cool by spraying with water if exposed to fire. Collect the extinguishing water separately; discharge into sewers or rainwater systems is not permitted. Dispose of combustion residues and contaminated water according to the regulations in force.

Measures in case of spills or accidental losses:

It will be absorbed with an inert absorbent material (eg sand, silica gel, universal binder, sawdust). The product will be collected and stored in a tightly closed and airtight container. The contaminated surface will be carefully cleaned. Contaminated wash water shall be conserved and disposed of. Personal protective equipment will be used.

Storage and transport conditions:

It will be stored in a dry, cool and well-ventilated place accessible only to authorized personnel. It shall be protected from direct sunlight and protected from frost. Keep away from food, drink and animal feed. Keep container tightly closed. Storage temperature 50 C – 250 C. The characteristics of the product may change if it is stored for a longer time at temperatures higher than those indicated. During handling, transport and storage, labor protection measures, PSI, etc. will be taken. During transport, the product will be protected from weather and heat.

Shelf life: two years from the date of manufacture.

To the attention of the user: following the indications presented, the product can be used for its intended purpose. The manufacturer declines any responsibility for damages due to storage, handling or use inconsistent with the recommendations on this label. Telephone number that can be called in case of emergency: National number for emergency cases: 021 318 36 06 Bucharest Public Health Institute (Mon-Fri: 8.00-15.00).