

DEFENSE 3

Contain:Trichoderma harzianum 1x10⁴cfu/ml, Bacillus amyloliquefaciens 1x10⁴cfu/ml, Bacillus subtilis 1x10⁴cfu/ml, vegetable oil (glycerol inert material) 10%

Microorganisms - not derived from/or produced using GMOs

Fertilizer

Formulation:soluble concentrate

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

Hazard phrases

Not applicable.

Precautionary phrases

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

it is IT

Lot no.:see above

Date of manufacture:see above

Expiration date:24 months

Storage:Store in a dry, cool and well-ventilated place..Storage temperature 5°C-25°C.

Careful:Read the attached instructions before use.

Producer:Norofert SA

LT. Av. Serban Petrescu Street, No. 20, Sector 1,

Bucharest, Romania

Phone: 0766 080 767

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

Mode of action:

Complex product based on a combination of bacteria, with a role in improving plant growth: can stimulate stem and root growth. The bacilli can produce plant hormones and enzymes, such as phenylalanine ammonia lyase (PAL) and peroxidase (PO), which promote plant growth and stress tolerance. It can enhance the plant's ability to tolerate environmental stresses by modulating stress response genes and phytohormones. Foliar application can modify the composition of plant metabolites, potentially improving crop quality. Ultimately, it improves nutrient absorption and overall plant health. Also plays a role in promoting the growth of buds, shoots and roots, and productivity. It can effectively increase yield, increase the vitamin C and sugar content of fruits, improve the quality and taste of fruits. Trichoderma can stimulate growth, photosynthesis and drought tolerance.

Dose:

Culture	Dose
Pome Fruits (Apple, Apple, Quince) (Plum, Apricot, Cherry, Sour Cherry, Peach, Nectarine) Grapevine (wine and table grapes)	0.5 l/hl

Application time:

For fruit trees (stone and seed trees), 3-5 treatments can be made, from the opening of the first flowers until the phase when the fruits reach 90% of their final size.

Grapevine from berry setting to cluster/first-fruit compaction, 2-3 treatments.

The interval between treatments is 14 days.

Preparation of the solution:

Fill the sprayer tank halfway, add the appropriate amount of product, and then top up with water. Stir the spray solution well during filling and application. Use clean water from a known source.

Application technique:

Ground equipment can be used for field application of the products, commonly used on the above-mentioned crops. The volume of solution used depends on the equipment used and the crop. It is recommended to use a solution volume of 200-1000 l/ha, so that there is good penetration and coverage of the crop. The solution will be applied immediately after mixing.

Application recommendations:

Do not store the prepared solution overnight. Avoid applying in the middle of the day when temperatures exceed 25°C. If rain occurs shortly after application, it will be necessary to repeat the treatment. Do not apply when wind speed favors drift beyond the area intended for treatment.

Compatibility: Mixing with other products, foliar fertilizers, should be avoided to prevent inactivation of microorganisms.

Break time: 0 days

Cleaning the equipment: Equipment will be pressure washed before and after application, and particularly if a product that could damage the crop was used before Defence 3.