

## ATHOS

**Contain:**Bacillus amyloliquefaciens  $1.5 \times 10^8$ cfu/ml, Bacillus subtilis  $1.5 \times 10^8$ cfu/ml, vegetable oil (glycerol – inert material) 10%

Microorganisms: not derived from/or produced using GMOs

### Fertilizer

**Formulation:**suspension

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

### Hazard phrases

#### Precautionary phrases

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

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**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.

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## Mode of action:

Complex product based on an association of bacteria, with a role in improving plant growth: they can stimulate the growth of stems and roots. The bacilli can produce plant hormones and enzymes, such as phenylalanine ammonia lyase (PAL) and peroxidase (PO), which promote plant growth and stress tolerance.

Improves nutrient uptake by producing siderophores that help chelate iron, making it available to the plant. May enhance the plant's ability to tolerate environmental stresses by modulating stress response genes and phytohormones. Foliar application may alter the composition of plant metabolites, potentially improving crop quality.

Ultimately it improves nutrient absorption and overall plant health.

## How to use:

Culture	Dose
Sunflower	1 l/ha
Winter wheat	1 l/ha
Autumn rapeseed	1 l/ha
Maize	1 l/ha
SOYBEAN	1 l/ha

## Application time:

Application can be made in the first phases of vegetation, during periods of intense growth.

### 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. It is recommended to use a solution volume of 200-400 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 should be avoided to prevent inactivation of microorganisms.

**Break time:** 0 days

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