

CONTENT STATEMENT

for the product

PORTHOS

Batch: PRTHS Nr. 10112020INPTORG-PRTHS-ANXI

Issued by: NOROFERT S.A.

We hereby, NOROFERT S.A., CIF RO12972762, with registred office in 26 Petrache Poenaru Street, sector 5 Bucharest, states the following:

*The product **PORTHOS** contains NON-GMO active substances permitted for use in organic farming, in accordance with Reg. (EC) 889/2008 implementing Reg. (EC) 834/2007, Annexes I and II, as follows:*

Declared active substances:

- 1 x 10⁷ Trichoderma Reesei
- 1 x 10⁷ Trichoderma Harzianum
- 1 x 10⁷ Bacillus Pumillus
- 1 x 10⁷ Bacillus Substilis

The statement is valid in accordance with Regulation (EC) 834/2007 throughout its period of validity, with precise reference to the restrictions and permissions specified in Annexes I and II, integral parts thereof Reg. (EC) 834/2007.

NOROFERT S.A.

L.S.

[CLICK here to check the conformity of the product](#)



TECHNICAL AND SAFETY DATA SHEET

PORTHOS

Precautionary statements

P 101 – If medical advice is needed, keep the container or label of the product handy.

P 102 – Keep out of reach of children.

P 280 – Wear protective gloves / protective clothing / eye protection / face protection.

P 302 + P352 – In case of skin contact: wash thoroughly with water.

P 363 – Wash contaminated clothing before reuse.

P 501 – Dispose of contents / container to a hazardous waste disposal facility.

Packing:

e x 1L,10L

Manufacturer:

NOROFERT SA

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ROMÂNIA

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1. Product content / compliance

- 1 x 10⁷ Trichoderma Reesei
- 1 x 10⁷ Trichoderma Harzianum
- 1 x 10⁷ Bacillus Pumillus
- 1 x 10⁷ Bacillus Substilis

2. Physical/chemical properties

PORTHOS comes in liquid form, has a brown color, with a specific smell.

3. Action mode / Description

PORTHOS is a biodynamic product, obtained by a process of rapid cold fermentation, and contains NON-GMO substances that complies with the requirements of Regulation 889/2008, Annexes I and II.

How PORTHOS works

The active substances included in PORTHOS degrade the cellular walls of the pathogens and keeps away the white mold generating fungus (*Sclerotinia sclerotiorum*).

The treatment with PORTHOS can be applied in a preventive manner, thus successfully protecting the sunflower crops from the main specific diseases, acting extremely efficiently in combating the white mold.

How dangerous is the white mold

How do we recognize the infection with the white mold?

- Stem – the infection with the white mold is produced at the basis of the stem, at the plants which are in an advanced stage of vegetation. On the surface of the stem, white-greyish spots appear covered by a felted mycelium, which produces a softening of the tissues and of the marrow, followed by the wilting of the leaves and later of the entire plant.
- Roots – the symptoms of the disease at the level of the roots are similar to those of the basis of the stem.
- Leaves – At the level of the leaves, appear alterations and fading of the tissues. Brown spots appear on the capitulum, near which the tissues soften, rot and break into pieces, after which they fall to the ground.
- Seeds – When the seeds are attacked, yellow spots appear on the seeds, which reduces the germination capacity. the oil from the seeds affected by sclerotin is bitter. From the mycelium of the fungus appear, in the attacked areas of the plant, sclerotia (small black swellings, hard, of various shapes and sizes). In the case of the pathogen *B. Cinerea*, which spreads during the growing season, these sclerotia are smaller and appear at the base of the seeds. From sclerotia result mycelial filaments that produce infections on the plant, generating new sclerotia and causing repeated secondary infections.

4. Recommended dosage

From practical experience and / or available documentation, we recommend the following application dosage:

SUNFLOWER

1L / ha, in 200-400 liters of water