

RADSOLID

January 2025

Characteristics of the preparation

Stimulation of root growth, better resistance to drought, better uptake of minerals

Product type

Biofertilisation. Microbiological fertiliser product.

What plants can this preparation be used on?

Cereals, rapeseed.

What is RADSOLID?

RadSolid is an ecological preparation supporting stimulation of root growth, better resistance to drought, better uptake of minerals.

The task of preparation

Increasing the growth of the root ball, covering the roots with seedlings of microphyseal fungi, increasing drought resistance, enabling plants to draw water from greater depths or areas away from the plant itself.

How to apply the preparation?

Moisten 100 kg of seeds with 1-2 litres of water while mixing in a mixer (e.g. a concrete mixer), then pour in 1 kg of the preparation and mix again until the seeds are covered. The seeds prepared in this way can be sown into the soil. After dressing the seeds, they can also be stored for several months.

When to use the preparation?

It is best to treat the seeds shortly before sowing. Alternatively, you can also water the soil after sowing the seeds or spray the area before sowing. The best results are achieved by treating seeds.

Description of the process after using the preparation

Coated seeds are infected with beneficial microorganisms from the beginning during germination. They stimulate the development of the root ball. Fungi increase the absorbent surface of the root and enable the absorption of water and minerals from long distances. In addition, covering the root tissue with beneficial microorganisms protects against colonisation of plant tissues by pathogenic microorganisms.

Expected effect of application

Much greater resistance of plants to drought stress. Reduced irrigation requirements, lower irrigation costs while improving plant condition during drought.

When the expected effect will occur

Within a few weeks of application.

Risks and contraindications of use of the preparation

The threat is the occurrence of drought immediately after sowing, which prevents the seeds from germinating and/or the development of microorganisms on the surface of the young root.

Using the preparation with traditional fertilisers – recommendations

Can be used with fertilisers.

Economics of use - impact on reducing production costs, e.g. lower amount of fertilisers

Reducing irrigation and fertilisation costs. Increasing yield, improving plant vigour and health.

Storage (storage conditions)

Store in a dry place at a temperature of -5 to +30 degrees Celsius (-23°F to 86°F), avoid direct sunlight, protect from unauthorized persons, especially children.

Expiration date of the preparation

2 years from the production date.

Composition of the preparation

The product contains two strains of bacteria of the Bacillus genus and fungi of the Glomus genus. The product stimulates root growth. It makes it easier for plants to absorb water and minerals from the soil. Protects plants against drought. It allows you to limit irrigation and mineral fertilisation. The product is completely safe for humans and animals.

Other relevant information

The product is completely safe for humans and animals, approved for use in organic farming.