

Potato Starter Set

Ready, steady, go!



Endomycorrhizal fungi, *Trichoderma* and rhizobacteria (PGPR)

Strength from the beginning – the complete collection of microorganisms for seed potato treatment

The mycorrhizal fungus forms a network of hyphae, which provides the root with nutrients and water. Based on this important transport task, it works as an additional absorption system for the root. The rhizobacteria fix nitrogen, solubilize phosphorus and produce plant growth hormones. The *Trichoderma* stimulate root growth and resistance.

Benefits:

Increases	Reduces
Marketable yield • Quality of harvest • Availability of nutrients and water	Susceptibility to diseases • Use of fertilizer • Damage due to heat and draught • Irregular growth

Compatibility:

Within a short time of contact our **Potato Starter Set** is compatible with the majority of fungicides, but not with copper. In general, our product is compatible with diluted fertilizers but should not be mixed with highly concentrated solutions in the same tank. For further information, please contact your technical assistance.

Application:

Dissolve the liner bag in cold water and apply for the seed potato treatment. A dosage of 1kg is sufficient for seed potatoes sown on a hectare.

You can choose between three options for the application of the blend:

- 1.) Use ULV technique (Ultra Low Volume) prior to sowing. For this, we recommend the usage of the 5x concentrate **Potato Starter Set 5x**. Please contact our technical assistance for further advice.
- 2.) Apply the blend as a seed treatment on the planter.
- 3.) Apply the blend through the spray tank as a furrow treatment, in combination with fungicides.

For an application on the planter, run the agitator in the tank prior the product addition. To avoid sedimentation of the microorganisms, run the agitator during the product application. Dilute the product in a small amount of water for 15 minutes prior to application. Stir a couple of times. Transfer the blend into the according amount of water in the tank of the planter or the ULV technique.

Storage:

Store in a cool, dry place. Avoid high temperatures and direct sunlight. Product shelf life is up to 18 months.

Ingredients:

Beneficial fungi: Stimulation of root growth and resistance	<i>Trichoderma harzianum</i> , <i>T. reesei</i> , <i>T. viride</i> , <i>Gliocladium virens</i> : 50,000,000 CFU/g (5×10^7 CFU/g) CFU = Colony Forming Units
Endomycorrhizal fungi	<i>Glomus intraradices</i> : 100 spores/g
Beneficial bacteria (PGPR): Nitrogen fixation, phosphorus solubilizing, production of plant growth hormones	<i>Azospirillum brasilense</i> , <i>Azotobacter chroococcum</i> , <i>Bacillus megaterium</i> , <i>Pseudomonas fluorescens</i> : 1,500,000,000 CFU/g (1.5×10^9 CFU/g)
Vitamins	Biotin, folic acid, B, B2, B3, B6, B7, B12, C and K
Amino acids	Protein hydrolyzate
Soluble yucca extracts	<i>Yucca schidigera</i>
Soluble sea kelp extracts	<i>Ascophyllum nodosum</i>

Listed by FiBL as an input for organic agriculture in Germany. Mutual Recognition Regulation (EC); No. 764/2008
The product is applicable to organic farming according to EU Eco-Implementing Regulation 889/2008 Article 3 (4).