



## Endo- Mycorrhiza

### ***A truly sustainable plant nutrition solution.***

Endo Mycorrhiza, “fungus root,” describes the mutually beneficial, symbiotic relationship between fungi and plant roots. They have an exchange mechanism on the inside of the root (and the hyphae extend outside the root).

**Mode of Action:** Symbiosis begins when fungal spores germinate and emerging threadlike structures, called hyphae, enter the epidermis of plant roots. After colonization of the root, the fungus sends out a vast network of hyphae throughout the soil to form a greatly enhanced absorptive surface area. This results in improved nutrient acquisition and uptake by plant roots, particularly elemental phosphorus (P), zinc (Zn), manganese (Mn) and copper (Cu) and water. In return, the plant provides carbohydrates for the fungi.

Parameters	Specification
Appearance	White Fine Powder
Spores per gram	20,000
Available Packing	5 kg
Minimum Order Qty	5 kg
Shelf Life	3 Years

*We provide highly concentrated pure technical of Endo Mycorrhiza. Product can be used for formulation of different Biofertilizers (powder/granules) in combination with various other ingredients. We assure uniform quality on each dispatch.*

### **Benefits:**

- Healthier and denser root system with hugely increased ability to uptake nutrients from the soil. Reduced need for synthetic or chemical fertilisers.
- It synthesizes and excrete molecules like glomalin (glycoprotein). Its release in the soil environment results in better soil structure and higher organic matter content.
- Reduced nutritional deficiencies. Mycorrhizae mine out the growing medium to efficiently bring nutrients to the plant.
- Helps in Stress Management (Water stress/Mineral stress).
- Mycorrhiza have been found to protect plants from high salt & micronutrient toxicity.
- Reduced root disease attack. Mycorrhizae serve as competition to root rot pathogens by being present on plant roots and they cause the cell walls of the cortex to thicken, making pathogen penetration more difficult.
- Better and more balanced growth of plant. Abundant flowers and fruits plus delayed wilting.

