Farmsuta Mycorrhiza â?? 84

Description

Farmsuta Mycorrhiza 84 is applied to crop roots or soil to enhance mycorrhizal colonization and improve plant performance. It contains spores or propagules of beneficial mycorrhizal fungi, which establish symbiotic associations with crop plants and contribute to sustainable soil and crop management practices, the fungi colonize the plant roots and form intricate networks of hyphae (tiny fungal threads) that extend into the surrounding soil.

The symbiotic relationship between plants and mycorrhizal provides several benefits to both parties:

1. **Nutrient Exchange**: The fungi extend their hyphae into the soil, greatly increasing the surface area for nutrient absorption. They can access and absorb nutrients such as phosphorus, nitrogen, potassium, and micronutrients from the soil more efficiently than plant roots alone.
2. **Water Relations**: Mycorrhizal hyphae enhance water uptake by extending into deeper soil layers, accessing water sources that may be inaccessible to plant roots. This is particularly beneficial during periods of drought or water stress.
3. **Enhanced Plant Growth**: By improving nutrient and water uptake, mycorrhizae promote overall plant growth, vigor, and resilience. Plants with mycorrhizal associations often exhibit increased root biomass, shoot growth, and resistance to environmental stressors such as drought, salinity, and soil pathogens.
4. **Soil Health**: Mycorrhizal fungi play a crucial role in soil aggregation and organic matter decomposition, contributing to soil structure, fertility, and carbon sequestration. They also help suppress soil-borne pathogens through competition and antagonism.

Content

Mycorrhiza Fungi

Dosage

100 Gm/ Acre

Packing Size

10 Kg, 20 Kg, 50 Kg

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