

MycoApply Mycorrhizae

Product Data Sheet

Increase Your Root Structure 100–1,000 Times

MycoApply's mycorrhizal products consist of specifically selected species of fungi and bacteria in multiple formulations designed for a variety of uses. Mycorrhizae colonize roots and extend into the surrounding soil, forming an essential link between a plant and the soil. This greatly increases the root's surface absorbing area and the plant's ability to absorb water and nutrients. Several miles of fungal filaments can be present in less than a teaspoon of soil.

Mycorrhizal fungi also release powerful enzymes into the soil that dissolve hard-to-capture nutrients such as organic nitrogen, phosphorus, iron and other "tightly-bound" soil nutrients. These beneficial fungi build a natural microbial system that greatly enhances plant growth, yields, vigor and tolerance of environmental extremes. Mycorrhizal fungi form an intricate web that captures and assimilates nutrients, conserving the nutrient capital in soils. This extraction process is particularly important to plant nutrition.

MycoApply Endo – Granular & Powder Products

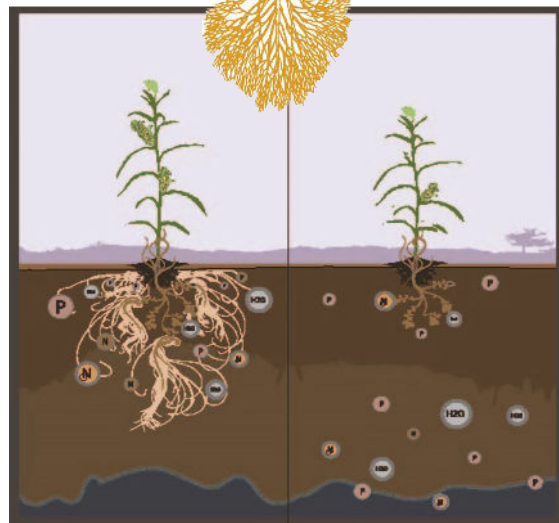
MycoApply Endo is a granular inoculum consisting of four carefully selected species of endomycorrhizae. About 90% of the world's plant species form a mycorrhizae relationship with these beneficial endomycorrhizal fungi*. MycoApply Ultrafine Endo is a fine powder with a particle size less than 300 microns (#50 screen).

Application Rates:

- Granular Restoration - apply 20 pounds/acre (1.2 million propagules/acre)
- Drill Seeding - apply 3 pounds/acre mixed with seed during the drill seeding process
- Cuttings - apply 0.5 teaspoon under the cutting
- Potted Plants & Transplants - apply 1-2 tablespoons/gallon-size pot
- Ball & Burlap - apply 0.5-1.5 ounces/inch of stem caliper
- Ultrafine Restoration - 7-10 pounds/acre (1 million propagules/acre)
- See Ultrafine data sheet for a full list of application rates.

**Endomycorrhizal fungi is composed of 4 species - rhizophagus irregularis, funneliformis mosseae, claroideoglomus etunicatum, and claroideoglomus claroideum. Granular has 60,000 propagules per pound and Ultrafine has 130,000 propagules per pound.*

Myco
Apply®



The mycorrhizal corn plant on the left can better retain and absorb fertilizer compared to the non-mycorrhizal corn plant on the right.

Contact Us

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MycoApply Endo/Ecto – Granular & Powder Products

A granular mycorrhizal inoculum consisting of 4 species of endomycorrhizal fungi and 7 species of ectomycorrhizal fungi*. About 95% of the world's plant species form symbiotic relationships with at least one of these types of symbiotic soil fungi. These beneficial fungi greatly increase the effective rooting area of plants, thereby enhancing plant growth, vigor, and tolerance of environmental extremes.

Application Rates:

- Granular - 20 pounds/acre
- Ultrafine - 7-10 pounds/acre
- See Endo/Ecto Granular & Ultrafine data sheets for full application rates.

**Endomycorrhizal fungi is composed of 4 species - rhizophagus irregularis, funneliformis mosseae, claroideoglomus etunicatum, claroideoglomus claroideum at 60,000 propagules per pound.*

**Ectomycorrhizal fungi is composed of 7 species - rhizopogon villosulus, pisolithus tinctorius, scleroderma cepa at 110 million propagules per pound.*

MycoApply Soluble Maxx

A soil drench for porous soil and contains 19 carefully selected mycorrhizal fungi, 2 trichoderma species and 12 bacterial species well-suited to a variety of soils, climates, and plants. Also included is a specially formulated natural root bio-stimulant. MycoApply Soluble Maxx can be stored in a cool, dry area for 24 months without loss of viability.

Application Rates:

- 8 ounces per 100 gallons of water or 1 pound per 200 gallons of water

9 species of endomycorrhizal fungi at 33,100 propagules/lb.

10 species of ectomycorrhizal fungi at 1,500,000,000 propagules/lb.

2 species of trichoderma at 300,000,000 cfu./lb.

12 species of bacteria at 6,000,000,000 cfu./lb.

Additional Available Products:

Suspendable Powders in 1 lb. bags

MycoApply Endo Injector – 4 Species – 17,600 propagules/lb.

MycoApply Ecto Injector – 7 Species – 37,675,000 propagules/lb.



With Mycorrhizae | Without Mycorrhizae



Single Species Vs. Four Species

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