

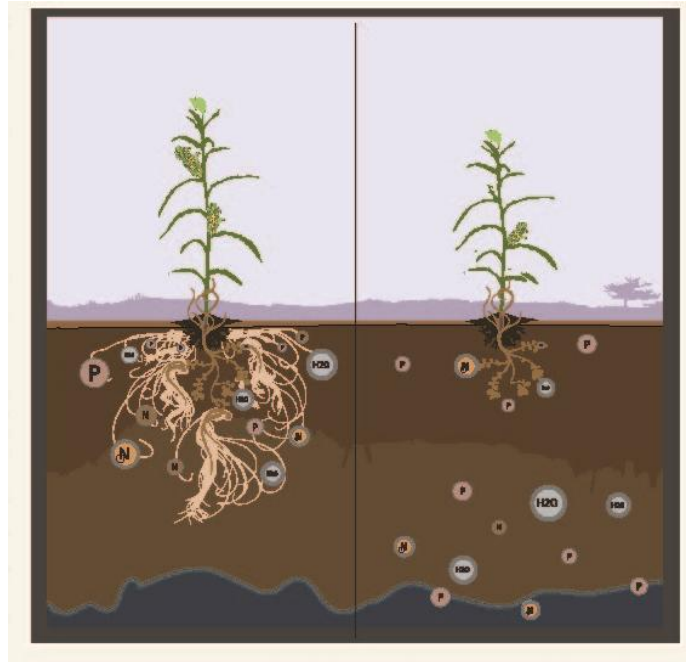


Mycorrhizae

Increase Your Root Structure 100-1,000 Times

MycoApply's mycorrhizal options consist of specifically selected species of fungi and bacteria in multiple formulations designed for a wide variety of uses. Mycorrhizae colonize roots and extend into the surrounding soil, forming an essential link between plant and soil resources by greatly increasing 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 thimbleful 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 which 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.



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

MycoApply® Endo

MycoApply® Endo is a granular inoculum consisting of four carefully selected species of endomycorrhizae. About 80% of the world's plant species form a mycorrhizae relationship with these beneficial endomycorrhizal fungi.

Restoration Application Rate: 20 pounds per acre (1.2 million propagules per acre)

Endomycorrhizal fungi: *Glomus intraradices*, *G. mosseae*, *G. aggregatum*, *G. etunicatum* – 60,000 propagules per pound

MycoApply® Micronized Endo

MycoApply® Micronized Endo is a micronized powder inoculum consisting of a four species blend of spores of arbuscular mycorrhizal fungi (endomycorrhizal fungi). The powder comes in a particle size less than 300 microns (#50 screen). About 90% of the world's plant species form a mycorrhizae relationship with these beneficial endomycorrhizal fungi.

Restoration Application Rate: 10 pounds per acre (1 million propagules per acre)

Endomycorrhizal fungi: *Glomus intraradices*, *G. mosseae*, *G. aggregatum*, *G. etunicatum* – 100,000 propagules per pound

MycoApply® All Purpose Granular

MycoApply® All Purpose Granular is a granular inoculum consisting of 16 carefully selected species of endomycorrhizae and ectomycorrhizae, along with five bacterial species. A high quality biostimulant package (containing kelp, humic & fulvic acids, vitamins and amino acids) is added to improve mycorrhizal germination and effectiveness. About 90% of the world's plant species form a mycorrhizae relationship with these beneficial endomycorrhizal and ectomycorrhizal fungi.

Application Rate: Application rates vary, please call for rates based on your specific needs.

Endomycorrhizal fungi: Glomus intraradices, G. mosseae, G. aggregatum, G. etunicatum, G. clarum, G. deserticola, G. momosporum, Paraglomus brasilianum, Giaspora margarita – 30,000 propagules per pound
Ectomycorrhizal fungi: Rhizopogon villosullus, R. luteolus, R. amylopogon, R. fulvigleba, Psolitus tinctorius, Scleroderma Cepa, S. citrinum – 140 million propagules per pound
Bacteria: Bacillus subtilus, B. licheniformis, B. pumulis, B. amyloliquefaciens, B. megatarium – 6 billion cfu/lb.

Other Non-plant food ingredients: Kelp, humic & fulvic acids, vitamins and amino acids

MycoApply® Soluble Maxx

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

Application Rate: 8 ounces per 100 gallons of water or 1 pound per 200 gallons of water

Endomycorrhizal fungi: 9 species 33,100 propagules per pound
Ectomycorrhizal fungi: 10 species 1,500,000,000 propagules per pound
Trichoderma: 300,000,000 cfu/lb
Bacteria: 12 species 6,000,000,000 cfu/lb

Other Mycorrhizae Products Available Include:

MycoApply® Ultrafine Endo – 4 speices of Endo mycorrhizae - Glomus intraradices, G. mosseae, G. aggregatum, G. etunicatum @ 130,000 propagules per lb.

MycoApply® Liquid Endo (1Gallon containers)- Four top performing endomycorrhizal fungi, used for concentrated agricultural purposes. 3.6 million propagules per gallon.



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