

Mycorrhizal Applications for TURFGRASS

Why are Mycorrhizae Important?

Mycorrhizal fungi are essential to living soils, and allowed plants to colonize the non-aquatic surface of our planet around 460 million years ago. Approximately 95% of all plant species form symbiotic relationships with beneficial mycorrhizal fungi, however, unfortunately many modern soil and land management practices have depleted these mycorrhizal populations. With the MycoApply® products we provide, turf management professionals can re-establish these essential microbes and benefit from this age-old symbiotic relationship to boost turf with living soils which help reduce the need for expensive inputs, increase grass sustainability and vigor, and ultimately result in healthier turf.

The use of beneficial mycorrhizal fungi provides turf care professionals with a new tool to improve grass health and quality, and experience maximum return on investment while reducing the need for expensive and unsustainable chemical inputs.

MycoApply® Benefits for Turf Managers

Multiple mycorrhizal species in MycoApply products provide maximum benefits to turfgrass, season after season.

MycoApply inoculation results in a significant increase in grass' ability to absorb and utilize nutrients and water.

The MycoApply product line offers multiple application options and formulations to match your turf management needs and methods.



Treated with MycoApply® | Control, Not Treated

The bermudagrass study above demonstrates the benefit of mycorrhizae for grasses' root systems. The grass on the left was inoculated with MycoApply®, and the grass on the right was not treated with mycorrhizal inoculation.



MycoApply® Benefits:

✓ Drought Protection

Greater root mass allows for increased water absorption and storage during times of excess for use during times of need

✓ Lower Maintenance Costs

Increased water absorption and nutrient utilization reduce the need for fertilizers and irrigation

✓ Quicker Establishment

Mycorrhizae give your grasses a head start leading to accelerated rooting and more successful establishment

✓ Healthy Soil Biology

Re-establish the living soils and symbiotic relationships critical for sustainable performance

✓ Better Nutrient Uptake

Mycorrhizae not only increase root mass and absorptive surface area, but also release powerful enzymes into the substrate that dissolve tightly bound nutrients for plant utilization

MycoApply® Application Options

Drench Application: MycoApply suspendable powders can be added to water and drenched into the grass's root zone.

Granular Application: MycoApply products can be broadcast prior to sod installation or included with the grass seed during seeding.

Others: Contact our team to discuss the best application method for you. The goal is to create physical contact between the MycoApply active ingredient and the growing or emerging roots. For increased success, mycorrhizae must be applied at time of seeding/sodding, or after dethatching or aeration in established turf.

Recommended MycoApply® Turfgrass Products:

MycoApply® Injector Endo

- Concentrated Powder (can pass a #50 screen)
- 4 species Endomycorrhizal fungi
Glomus intraradices, *G. mosseae*, *G. aggregatum*, & *G. etunicatum*
- 17,600 Endomycorrhizal Propagules per gram (7,983,219 per lb.)
- On biostimulant Humic Acid carrier
- Available in 100 gram Bags (20 gram scoop included)
- Ideal for application through injection systems
- Can be applied via sprinkler, sprayer, hydroseed slurry, or via drip irrigation



MycoApply® Ultrafine Endo



- Suspensible Powder (can pass a #50 screen)
- 4 species Endomycorrhizal fungi
Glomus intraradices, *G. mosseae*, *G. aggregatum*, & *G. etunicatum*
- 130,000 Endomycorrhizal Propagules per lb. (286.8 per gram)
- Available in 1 lb. Bags and 20 lb. Bags
- Can be suspended in water or liquid fertilizer and watered into porous soils.
- Can be applied during seeding, installation, or aerification of turf
- One Pound will treat 8,000 square feet of turf grass



MycoApply® Endo



- Granular Formulation
- 4 species Endomycorrhizal fungi
Glomus intraradices, *G. mosseae*, *G. aggregatum*, & *G. etunicatum*
- 60,000 Endo Propagules per lb. (132.4 per gram)
- Available in 40 lb. Bags
- Can be applied during seeding, installation, or aerification of turf
- Can be broadcast prior to sod installation
- One Pound can treat up to 4,000 sq./ft. at installation



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