

Mycorrhizal Applications for NURSERIES

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 growing medias and nursery field soils have depleted mycorrhizal populations. With the MycoApply® products we provide, nursery managers can re-establish these essential microbes and benefit from this age-old symbiotic relationship to get their plants started right, in living soils which help reduce the need for expensive inputs, increase plant uniformity and vigor, and ultimately result in better sell-through.

The use of beneficial mycorrhizal fungi provides nursery managers a new tool to improve plant health and quality, and experience maximum return on investment while reducing the need for expensive and unsustainable chemical inputs.

MycoApply® Benefits for Nurseries

Multiple mycorrhizal species in MycoApply products provide maximum benefits to nursery crops of all kinds. MycoApply mycorrhizae are suitable for most perennials, trees, shrubs, and common nursery crops.

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

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



Untreated Control

MycoApply® Treated



MycoApply® Benefits:

✓ Drought Protection

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

✓ Reduced Costs

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

✓ Transplant Success

Mycorrhizae usage increases your installation survivability leading to accelerated rooting and more successful outplanting

✓ Healthy Soil Biology

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

✓ Better Nutrient Uptake

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

MycoApply® Application Options

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

Soil/Media Incorporation: All MycoApply products can be mixed with soil or growing media prior to planting. Granular products are particularly well suited for this application method.

Others: Contact our team to discuss the best application method for your nursery. The goal is to create physical contact between the MycoApply active ingredient and the growing or emerging roots.

Recommended MycoApply® Nursery Products:

MycoApply® Injector Endo

- Concentrated Powder (can pass a #50 screen)
- 4 species Endomycorrhizal fungi
- 17,600 Endomycorrhizal Propagules per gram (7,983,219 per lb.)
- Available in 100 gram Bags (20 gram scoop included)



MycoApply® Ultrafine Endo

- Suspendable Powder (can pass a #50 screen)
- 4 species Endomycorrhizal fungi
- 130,000 Endomycorrhizal Propagules per lb. (286.8 per gram)
- Available in 1 lb. Bags and 20 lb. Bags



MycoApply® Ultrafine Endo/Ecto

- Suspendable Powder (can pass a #50 screen)
- 4 species Endomycorrhizal fungi
- 7 species Ectomycorrhizal fungi
- 130,000 Endo & 110 million Ecto Propagules per lb. (286.8 Endo & 242,509 Ecto per gram)
- Available in 1 lb. Bags and 20 lb. Bags



MycoApply® Soluble MAXX

- Suspendable Powder (can pass a #50 screen)
- 9 species Endomycorrhizal fungi
- 10 species Ectomycorrhizal fungi
- 92,000 Endo & 1.2 billion Ectomycorrhizal Propagules per lb.* (201 Endo & 2,595,500 Ecto per gram)
- Available in 1 lb. Bags



*California formulation may vary - please contact us for more information.

MycoApply® Endo

- Granular Formulation
- 4 species Endomycorrhizal fungi
- 60,000 Endo Propagules per lb. (132.4 per gram)
- Available in 40 lb. Bags



MycoApply® Endo/Ecto

- Granular Formulation
- 4 species Endomycorrhizal fungi
- 7 species Ectomycorrhizal fungi
- 60,000 Endo & 110 million Ecto Propagules per lb. (132.4 Endo & 242,509 Ecto per gram)
- Available in 40 lb. Bags



A Subsidiary of **VALENT BIOSCIENCES**

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