

PLUG/CUTTING

# Mycorrhizal Applications for PROPAGATION

## Why are Mycorrhizae Important?

Mycorrhizal fungi are essential to living soils, and allowed plants to colonize the non-aquatic surface of our planet over 460 million years ago. Approximately 95% of all plant species form symbiotic relationships with beneficial mycorrhizal fungi. Unfortunately, most manufactured growing medias have little or no mycorrhizal populations. Professional growers can now re-establish these essential microbes using our MycoApply® products.

## Pay it Forward to Maximize Customer Satisfaction!

It is always wise to “Pay it Forward” by providing the best plants for those down-line, whether your customer is internal or external. Using mycorrhizae in the plug and cutting stage will accelerate plant growth and increase plant uniformity. The pro-active use of MycoApply® products during the propagation phase will benefit the final grower, the retailer, and the home gardener or landscaper.

### MycoApply® Benefits for Plant Propagators

Multiple mycorrhizal species in MycoApply products provide maximum benefits to plants of all kinds. MycoApply mycorrhizae are suitable for most annuals, perennials, trees, shrubs, and ornamental 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 propagation needs and methods.



Treated with MycoApply®

Control - Not 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 Production Costs

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

### ✓ Sell-Through Success

Mycorrhizae give your plants better transportation resilience, shelf life, and increase sell-through rates

### ✓ Healthy Growing Media

Establish healthy root zone biology 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 plant or plug's root zone.

**Soil/Media Incorporation:** All MycoApply products can be blended 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 greenhouse. The goal is to create physical contact between the MycoApply active ingredient and the growing or emerging roots.

## Recommended MycoApply® Propagation 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.)
- Available in 100 gram Bags (20 gram scoop included)
- Ideal for application through injection systems and/or boom sprayers for plug and/or cuttings



### MycoApply® Ultrafine Endo



- Suspendable 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



### MycoApply® Soluble MAXX



- Suspendable Powder (can pass a #50 screen)
- 9 species Endomycorrhizal fungi:  
*Glomus intraradices*, *G. mosseae*, *G. aggregatum*, *G. etunicatum*, *G. deserticola*, *G. clarum*, *G. monosporum*, *Paraglomus brasilianum*, & *Gigaspora margarita*
- 10 species Ectomycorrhizal fungi:  
*Rhizopogon villosulus*, *R. luteolus*, *R. amylopogon*, *R. fulvigleba*, *Pisolithus tinctorius*, *Scleroderma cepa*, *S. citrinum*, *Suillus granulatus*, *Laccaria bicolor*, & *L. laccata*
- 92,000 Endo Propagules per lb.\*
- 1.2 billion Ectomycorrhizal Propagules per lb.
- Kelp, Humic Acid, and specially formulated amendments (1-0.5-5)
- Available in 1 lb. Bags



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

### MycoApply® Endo



- Granular Formulation
- 4 species Endomycorrhizal fungi  
*Glomus intraradices*, *G. mosseae*, *G. aggregatum*, & *G. etunicatum*
- 60,000 Endo Propagules per lb.
- Available in 40 lb. Bags



A Subsidiary of **VALENT BIOSCIENCES**

CONTACT US

📍 710 NW E St. Grants Pass, OR 97526

☎ 866-476-7800

✉ [inquiries@mycorrhizae.com](mailto:inquiries@mycorrhizae.com)

🌐 [mycorrhizae.com](http://mycorrhizae.com)