

## QUICK FACTS



### Product Name:

MycoApply® Endo/Ecto

### Formulation:

Granular  
Endomycorrhizal and  
Ectomycorrhizal Fungi

### Concentration:

60,000 Endo & 110 million  
Ecto propagules per lb.  
(132.4 Endo & 242,509 Ecto  
Propagules per gram)

### Packaging Options:

40 lb. Bags  
125 lb. Bulk Barrels  
300 lb. Bulk Barrels  
1,000 lb. Bulk Tote Bags

### Applications & Uses:

Horticulture, Landscaping,  
Propagation, Arbor Care,  
Forestry, Restoration,  
and Erosion Control.



# MycoApply® Endo/Ecto

## PRODUCT SHEET



[www.mycorrhizae.com](http://www.mycorrhizae.com) • (866) 476-7800





# Overview

**MycoApply® Endo/Ecto** is a granular mycorrhizal inoculum consisting of 4 species of endomycorrhizal fungi and 3 genera of ectomycorrhizal fungi. About 95% of the world's plant species may form a symbiotic relationships with at least one of these types of symbiotic soil fungus. These beneficial fungi greatly increase the effective rooting area of plants, thereby enhancing plant growth, vigor, and tolerance of environmental extremes.

**MycoApply® Endo/Ecto** contains mycorrhizal propagules, which colonize roots and extend into the surrounding soil, forming an essential link between plants and soil resources. Increasing the rooting area allows improved access to water and nutrients, promoting plant quality and crop performance.

## Application Instructions

**MycoApply® Endo/Ecto** is a granular mycorrhizal inoculant that can be blended into potting media, mixed into backfill at landscape planting, or utilized in restoration.

The goal is to create physical contact between the plant roots and inoculant.



### Nurseries & Greenhouses

Inoculum can be mixed into planting soil/media before/during filling cavities, pots, or trays. May be mixed with mechanical equipment that allows the passage of a #8 screen (2.5 mm or smaller particles). Mix at a rate of **0.95 to 1.19 lb/yd<sup>3</sup> (0.59 to 1.19 kg/m<sup>3</sup>)**.  
Use higher rate for stress.



### Restoration

Inoculum can be hydromulched or banded in rows with seed during planting at a rate of **15 to 22 lb/a (16.81 to 24.66 kg/ha)**.  
Use **40 to 60 lb/a (44.83 to 67.25 kg/ha)** to broadcast or rototill before planting.



### Landscape Plantings

Potted plants/transplants: Incorporate into backfill at planting at a rate of **1 oz/ft<sup>3</sup> (1 g/L)** of backfill.  
Balled and burlapped trees and shrubs: Incorporate into backfill at a rate of **1 oz/2 ft<sup>3</sup> (5 g/10 L)** of backfill.

## Label Guarantee

### CONTAINS NON-PLANT FOOD INGREDIENTS

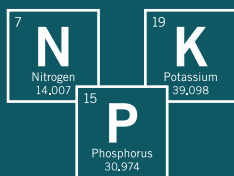
#### Soil Amending Guaranteed Analysis

|                                                                                                                                                             |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| <b>Total Active Ingredients:</b>                                                                                                                            | 0.06%  |
| Endomycorrhizal fungi: (60,000 propagules per lb. total)                                                                                                    |        |
| <i>Rhizophagus intraradices</i> , <i>Funneliformis mosseae</i> , <i>Claroideoglossum claroideum</i> , <i>Claroideoglossum etunicatum</i> (33.1 prop/g each) |        |
| Ectomycorrhizal fungi (110,000,000 propagules per lb. total)                                                                                                |        |
| <i>Rhizopogon villosulus</i> (11,000 prop/g), <i>Pisolithus tinctorius</i> (220,509 prop/g)                                                                 |        |
| <i>Scleroderma cepa</i> (11,000 prop/g each)                                                                                                                |        |
| <b>Total Inert Ingredients:</b>                                                                                                                             | 99.94% |
| Clay (as carrier)                                                                                                                                           |        |

### “This Product is not a Plant Food”

Information regarding the contents and levels of metals in this product is available at:  
<http://www.aapfco.org/metals.html>

## BENEFITS OF MYCORRHIZAL FUNGI



Improved nutrient-use efficiency



Increased water absorption and drought resistance



Increased transplant survival rates and faster establishment



Decreased susceptibility to transportation stress



Optimized plant performance

# Hazard Communication Standard



**Danger:** Do not handle until all safety precautions have been read and understood. Do not breathe dust. If exposed or concerned get medical advice/attention. Dispose of contents/container in accordance with local/regional/national/international regulations. **If on skin:** Wash thoroughly with soap and water. California Proposition 65: This product contains a chemical (quartz) known to the state of California to cause cancer. Quartz is a form of crystalline silica.

## First Aid Measure

|                     |                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Skin Contact</b> | Wash with soap and water. Exposure to skin may cause mild irritation and dry skin.                                                         |
| <b>Eye Contact</b>  | Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.                                           |
| <b>Ingestion</b>    | If used material is ingested, seek medical attention. If a large amount of unused material is swallowed, seek immediate medical attention. |
| <b>Inhalation</b>   | Supply fresh air. If irritation or other symptoms occur, get medical attention.                                                            |

## Physical Properties

- **State:** Solid, Granular
- **Appearance:** Tan to Grey

## Storage and Handling

- **Storage:** Store in a dry, cool, well ventilated area. Keep sealed in a properly labeled container. Avoid exposure to direct sunlight.
- **Handling:** Minimize dust generation and accumulation. Use outdoors, or ensure good ventilation/exhaustion when used indoors.
- **Disposal:** Dispose of all waste in accordance with local, state, and federal regulations.

## Limited Warranty and Disclaimer of Warranties

Always read and follow label instructions. For the full product warranty, terms and conditions, please visit [www.warrantydetails.net](http://www.warrantydetails.net).