

MycoApply® Injector Endo

GENERAL INFORMATION

MycoApply Injector Endo is a suspendable powder that contains propagules of multiple species of arbuscular mycorrhizal fungi (AMF) on a humic¹ carrier. The arbuscular mycorrhizal fungi colonize the root systems of plants in a symbiotic manner, expand out beyond the plant roots or rhizosphere region of the soil surrounding the plant roots to acquire nutrients and water, and actively deliver these resources to the plant's vascular system.

Arbuscular mycorrhizal fungi form symbiotic associations with roots of most horticulturally important crops.²

MycoApply Injector Endo contains 17,600 propagules per gram of the following four AMF species: *Glomus intraradices*, *Glomus mosseae*, *Glomus aggregatum*, *Glomus etunicatum*.

¹ Humic Acid content may aid in the uptake of micronutrients.

² For additional crop recommendations other than those listed in this label, contact your Mycorrhizal Applications Sales Account Manager.

SCOOP INSTRUCTIONS

Fill scoop.

Scrape at top. DO NOT TAP.

All measurements are approximates in net weight grams for

MycoApply Injector Endo powder only.

1 scoop = 20 grams

GENERAL USE INSTRUCTIONS

MycoApply Injector Endo is a suspendable humic powder mycorrhizal inoculant that is recommended for the following applications: Greenhouses, Nurseries, Turf Landscape, and/or Restoration. This product can also be applied directly to plants grown in containers, planters, or ground via injector or spray tank.

- MycoApply Injector Endo can be used on newly seeded, transplanted or established crops, and with newly planted cuttings. The goal is to make physical contact between the active ingredients and the growing roots. Direct the application of MycoApply Injector Endo near the living root or seed of the plant, where new roots will grow through it.
- MycoApply Injector Endo improves the availability of nutrients and water to plants grown in media and soil. Higher levels of available phosphorus can delay the development of the symbiotic relationship with the plant resulting in a delay in the benefits that the mycorrhizae will provide to the plant.

COMPATIBILITY WITH OTHER HORTICULTURAL PRODUCTS

Compatibility and performance data for MycoApply Injector Endo with other horticultural products are limited. Do not tank-mix MycoApply Injector Endo with other products unless compatibility has been verified. If considering tank-mixing MycoApply Injector Endo with other products use the following compatibility jar test before mixing an entire tank:

Add water from the same water source to a clear glass or plastic jar. Add the products in correct proportions. Mix thoroughly and let stand for a minimum 15 minutes. Separation, gelling, or generation of heat are all signs of incompatibility.

Always read and follow all label directions and precautions for each product. When using combinations of products, the most restrictive label limitations and precautions must be followed. Do not mix MycoApply Injector Endo with any product that has a prohibition against tank-mixing. For further information, consult your Mycorrhizal Application Sales Account Manager.

APPLICATION PREPARATION

Application equipment must be clean and free of any residue or previous product deposits before applying MycoApply Injector Endo.

Fill application tank $\frac{1}{4}$ to $\frac{1}{2}$ full of water. Add MycoApply Injector Endo directly to the tank. Mix thoroughly to fully disperse the product. Fill tank with remaining amount of water and continue stirring until mixture is uniform. Once dispersed and suspended, continued agitation is required (mechanical or hydraulic). Avoid storage of mixed spray solutions for periods greater than 24 hours. Re-suspension of the spray solution after storage is critical.

IMPORTANT: After mixing MycoApply Injector Endo with water, agitate vigorously. Maintain continuous agitation in the mix tank or stock solution container during mixing and application to assure a uniform suspension. When applying MycoApply Injector Endo mechanically, blockage may occur when using screens smaller than #50 mesh. Ensure any screens smaller than #50 mesh are removed during application preparation.

HORTICULTURE INJECTION SYSTEMS

When using a 1:100 ratio horticulture injector system, mix one 20 g Scoop of MycoApply Injector Endo per 1 gallon of water in the stock solution container, following the APPLICATION PREPARATION instructions. This will achieve the target product concentration of 20 g of MycoApply Injector Endo per 100 gallons of water for the final application suspension.

APPLICATION METHODS

MycoApply Injector Endo is designed to be used with Horticulture Injector Systems, and applied via various application methods, including but not limited to:

- Drench Watering Systems
- Soil Drench via Overhead Boom Sprayers or Sprinklers
 - *Note: When spraying MycoApply Injector Endo, ensure that spray is directed to the soil surface. When applying with an overhead sprayer, it may be necessary to follow the application with an additional overhead spray of clean water in order to move the active MycoApply ingredients past the foliage, onto the soil or media, and ultimately into the plants' root zone.*
- Soil Drench via Handheld Backpack or Ground Spray Equipment
- Drip Irrigation Equipment
- Hydromulch or Hydroseed slurry inclusion
- In-Furrow Application at Planting

If you have any questions or concerns regarding additional application methods, please contact your Mycorrhizal Applications Sales Account Manager.

APPLICATION RATES AND INSTRUCTIONS

TARGET	APPLICATIONS	USE RATE
<ul style="list-style-type: none"> • Greenhouse • Nursery • Turf • Landscape • Restoration • Vegetable Plugs/Starts • Vegetables grown in Greenhouse, Garden, or Field 	Drench OR Hydroseed/ Hydromulch OR In-Furrow at Planting	20 g/ 100 gallons (1 Scoop = 20 g)
<ul style="list-style-type: none"> • Refer to APPLICATION PREPARATION Section. • When applying MycoApply Injector Endo as a drench, it is important that: <ul style="list-style-type: none"> ◦ The application should be uniformly distributed to moist media. ◦ Sufficient water volume is used, allowing movement of product into the root zone. ◦ No more than 10% run off or through of solution occurs. ◦ Application is made at seeding or early stages of plant development for best results and maximum time for establishment. 		

TARGET	APPLICATIONS	USE RATE
<ul style="list-style-type: none"> • Greenhouse • Nursery • Vegetable Plugs/Starts • Vegetables grown in Greenhouse, Garden, or Field 	Overhead Boom Spray OR Sprinklers OR Sprayers OR Spray Irrigation	20 g/ 100 gallons (1 Scoop = 20 g)
<ul style="list-style-type: none"> • Refer to APPLICATION PREPARATION Section. • Ensure that spray is directed to the soil surface, with sufficient volume applied to move the propagules into the root zone. When applying with an overhead sprayer, it may be necessary to follow the MycoApply application with an additional overhead spray of clean water in order to move the active MycoApply ingredients past the foliage, onto the soil or media, and ultimately into the plant's root zone. <ul style="list-style-type: none"> ◦ The volume of the MycoApply Injector Endo suspension that needs to be applied should be approximately 8-10% of the soil/media volume of containers, or 2 – 2.5 gallons of suspension per 10 square feet (or 10 liters per square meter) for in-ground application. ◦ Although this product is applied via spray equipment, this application should be thought of as a drench, or very heavy spray, as the goal is to move the active ingredient into contact with the roots, not the foliage. 		

TARGET	APPLICATIONS	USE RATE
<ul style="list-style-type: none"> • Greenhouse • Nursery • Turf • Landscape • Vegetable Plugs/Starts • Vegetables grown in Greenhouse, Garden, or Field 	Drip Irrigation	20 g/ 100 gallons (1 Scoop = 20 g)
<ul style="list-style-type: none"> • Refer to APPLICATION PREPARATION Section. • For Drip Irrigation applications, inject MycoApply Injector Endo downstream of sand and/or screen filters finer/smaller than #50 mesh. Apply during the duration of the drip irrigation run. <ul style="list-style-type: none"> ◦ The volume of the MycoApply Injector Endo suspension that needs to be applied should be approximately 8-10% of the soil/media volume of containers, or 2 – 2.5 gallons of suspension per 10 square feet (or 10 liters per square meter) for in-ground application. 		

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MycoApply®

Injector Endo

A concentrated mycorrhizal inoculant containing 4 endomycorrhizal fungi species on a soluble humic carrier, formulated for use with horticulture injectors.

CONTAINS NON-PLANT FOOD INGREDIENTS:
Soil Amending Guaranteed Analysis
20.1% Total Active Ingredients.

<i>Glomus intraradices</i>	(4,400 propagules/g)
<i>Glomus mosseae</i>	(4,400 propagules/g)
<i>Glomus aggregatum</i>	(4,400 propagules/g)
<i>Glomus etunicatum</i>	(4,400 propagules/g)
15% Humic acid derived from Leonardite	
79.9% Total Inert Ingredients (Other)	

"This Product is not a Plant Food"
 Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapico.org/metals.html>
STORAGE CONDITIONS: Product can be stored in a cool, dry area (less than 140°F) out of direct sunlight without loss of viability.
WARNING: Nuisance dust; may form combustible dust concentrations in air. Avoid formation of dust. Avoid breathing dust. Use outdoors or in a well-ventilated area.

Net Weight: 100 grams (3.53 ounces)

Manufactured by Mycorrhizal Applications

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