



MycoApply®
EndoPrime

Concentrated suspendable powder containing four top performing endomycorrhizal fungi, formulated for in-furrow applications

Mycorrhizal Fungi Promotes:

- ➔ Root Mass Expansion
- ➔ Nutrient Efficiency
- ➔ Drought Tolerance

CONTAINS NON-PLANT FOOD INGREDIENTS:
Soil Amending Guaranteed Analysis
21.6% Total Active Ingredients

<i>Glomus intraradices</i>	(5,625 propagules/g)
<i>Glomus mosseae</i>	(5,625 propagules/g)
<i>Glomus aggregatum</i>	(5,625 propagules/g)
<i>Glomus etunicatum</i>	(5,625 propagules/g)
15% Humic acid derived from leonardite	
78.4% 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.aapfco.org/metals.html>
STORAGE CONDITIONS: Product can be stored in a cool, dry area (less than 140°F) 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.

SUSTAINABLE SOLUTIONS™
VALENT

GENERAL INFORMATION

MycoApply EndoPrime is a suspendable humic¹ powder that contains propagules of multiple species of arbuscular mycorrhizal fungi that colonize the roots of plants in a symbiotic manner. The mycorrhizal fungi expand out beyond the plant roots or rhizosphere region of the soil surrounding the plant roots to acquisition nutrients and water. Arbuscular mycorrhizal fungi form symbiotic associations with most agriculturally important crops². MycoApply EndoPrime improves plant vigor by enhancing the root system's ability to efficiently absorb water and nutrients under variable environmental conditions throughout the entire crop cycle. MycoApply EndoPrime contains 22,500 propagules per gram of the following four endomycorrhizal species: *Glomus intraradices*, *Glomus mosseae*, *Glomus aggregatum*, *Glomus etunicatum*.

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

²For additional crop recommendations, other than those listed in this label, consult your crop advisor or Valent Agricultural Specialist.

GENERAL USE INSTRUCTIONS

MycoApply EndoPrime is a suspendable powder that can be applied as an in-furrow spray at planting.

- Direct the application of MycoApply EndoPrime near the living root or seed of the plant, where the roots and mycorrhizal fungi will form the symbiosis association.
- The shorter the distance the root and mycorrhizae must grow, the more quickly the plant will become colonized by mycorrhizae and the more quickly the plant will benefit from the symbiosis association.

IMPORTANT: After mixing with water, shake or stir vigorously. Maintain continuous agitation in the mix tank during mixing and application to assure a uniform suspension. When spraying MycoApply EndoPrime, use filters or screens no smaller than #50 mesh.

COMPATIBILITY WITH OTHER AGRICULTURAL PRODUCTS

MycoApply EndoPrime can be mixed directly with some additives, adjuvants, biocontrol products, fungicides, herbicides, insecticides, liquid fertilizers, and with water. Do not tank-mix MycoApply EndoPrime with other products unless compatibility has been verified. If considering tank-mixing MycoApply EndoPrime 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 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 EndoPrime with any product that has a prohibition against tank-mixing. **For further information consult your Valent Agricultural Specialist.**

MIXING ORDER FOR TANK MIX PARTNERS BY FORMULATION TYPE

- 1) Carrier (water or liquid fertilizer)
- 2) Wettable granules (dry flowables)
- 3) Wettable powders
- 4) MycoApply EndoPrime
- 5) Aqueous solutions
- 6) Emulsifiable concentrates
- 7) Adjuvants

IN-FURROW PREPARATION

Spray equipment must be clean and free of previous pesticide deposits before applying MycoApply EndoPrime. Be sure to maintain constant agitation throughout the mixing and application process. Fill spray tank $\frac{1}{4}$ to $\frac{1}{2}$ full of the carrier (liquid fertilizer or water). Add products in mix order referenced in Mixing Order for Tank Mix Partners by Formulation Type section to the spray tank. Then add the rest of the carrier (liquid fertilizer or water). Make sure that each product is mixed thoroughly and suspended before adding the next product. Avoid storage of mixed solutions for periods greater than 24 hours. Re-suspension of the solution after storage is critical.

APPLICATION INSTRUCTIONS FOR CROP CATEGORIES

CROP	APPLICATIONS	USE RATE
Corn Field corn (Grain and Silage), Field corn grown for seed, Popcorn, Sweet corn, and Sweet corn grown for seed	In-Furrow, T-Band	4 grams per acre (each 320 gram package treats 80 acres) (each 20 gram scoop treats 5 acres)
<ul style="list-style-type: none"> • 5 to 7 inch T-band over open furrow or apply in-furrow with a seed with the goal for the solution to come in contact with the seed and roots when germination occurs. • Refer to COMPATIBILITY WITH OTHER AGRICULTURAL PRODUCTS section when mixing with other products. • Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension. • Use filters or screens no smaller than #50 mesh. 		
CROP	APPLICATIONS	USE RATE
Peanut	In-Furrow	4 grams per acre (each 320 gram package treats 80 acres) (each 20 gram scoop treats 5 acres)
<ul style="list-style-type: none"> • Apply in-furrow with a seed with the goal for the solution to come in contact with the seed and roots when germination occurs. • Refer to COMPATIBILITY WITH OTHER AGRICULTURAL PRODUCTS section when mixing with other products. • Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension. • Use filters or screens no smaller than #50 mesh. 		
CROP	APPLICATIONS	USE RATE
Cotton	In-Furrow	4 grams per acre (each 320 gram package treats 80 acres) (each 20 gram scoop treats 5 acres)
<ul style="list-style-type: none"> • Apply in-furrow with a seed with the goal for the solution to come in contact with the seed and roots when germination occurs. • Refer to COMPATIBILITY WITH OTHER AGRICULTURAL PRODUCTS section when mixing with other products. • Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension. • Use filters or screens no smaller than #50 mesh. 		