



**Concentrated liquid formulation containing four top performing endomycorrhizal fungi, formulated for in-furrow applications.**

**Mycorrhizal Fungi Promotes:**

- Root Mass Expansion
- Nutrient Efficiency
- Drought Tolerance

<b>CONTAINS NON-PLANT FOOD INGREDIENTS:</b>	
<b>Soil Amending Guaranteed Analysis</b>	
<b>0.25% Total Active Ingredients</b>	
<i>Glomus intraradices</i> . . . . .	(381 propagules/ml)
<i>Glomus mosseae</i> . . . . .	(381 propagules/ml)
<i>Glomus aggregatum</i> . . . . .	(381 propagules/ml)
<i>Glomus etunicatum</i> . . . . .	(381 propagules/ml)
<b>99.75% Total Inert Ingredients (Carrier)</b>	

“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) out of direct sunlight without loss of viability. Do not freeze.

**DANGER:** Can cause serious eye damage. Hazardous to the aquatic environment. Wear protective clothing/eye protection/impervious gloves. If in eyes: rinse cautiously with water for several minutes. If on skin: wash with plenty of water. Dispose of contents/container in accordance with local/regional/national regulations.

## GENERAL INFORMATION

MycoApply® EndoPrime SC™ is a liquid formulation that contains living propagules of multiple species of arbuscular mycorrhizal fungi that colonize the rhizosphere 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 acquire nutrients and water.

Arbuscular mycorrhizal fungi form symbiotic associations with roots of most agriculturally important crops<sup>1</sup>. *MycoApply EndoPrime SC* improves plant vigor by

<sup>1</sup> For additional crop recommendations, other than those listed in this label, consult your crop advisor or Valent Agricultural Specialist (1-800-6-VALENT).

enhancing the root system’s ability to efficiently absorb water and nutrients under variable environmental conditions throughout the entire crop cycle.

*MycoApply EndoPrime SC* contains 45,000 propagules per fluid ounce of the following four endomycorrhizal species: *Glomus intraradices*, *Glomus mosseae*, *Glomus aggregatum*, *Glomus etunicatum*.

## GENERAL USE INSTRUCTIONS

*MycoApply EndoPrime SC* is a liquid formulation that can be applied as an in-furrow spray at planting.

- Direct the application of *MycoApply EndoPrime SC* near the living root or seed of the plant, where the roots and mycorrhizal fungi will form the symbiotic 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 symbiotic 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 SC*, use filters or screens no smaller than #50 mesh.

## COMPATIBILITY WITH OTHER AGRICULTURAL PRODUCTS

*MycoApply EndoPrime SC* can be mixed directly with some additives, adjuvants, biocontrol products, fungicides, herbicides, insecticides, liquid fertilizers, and with water. Do not tank-mix *MycoApply EndoPrime SC* with other products unless compatibility has been verified. If considering tank-mixing *MycoApply EndoPrime SC* 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 EndoPrime SC* 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 SC*
- 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 SC*. Be sure to maintain constant agitation throughout the mixing and application process. Fill spray tank 1/4 to 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 spray solutions for periods greater than 24 hours. Re-suspension of the spray solution after storage is critical.

### APPLICATION INSTRUCTIONS FOR CROP CATEGORIES

CROP	APPLICATION	USE RATE
<b>Corn</b> Field corn (Grain and Silage), Field corn grown for seed, Popcorn, Sweet corn, and Sweet corn grown for seed	In-furrow or T-band	2 fl oz per acre (146.16 ml per hectare)
<ul style="list-style-type: none"> <li>• 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.</li> <li>• Refer to COMPATIBILITY WITH OTHER AGRICULTURAL PRODUCTS section when mixing with other products.</li> <li>• Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension.</li> <li>• Use filters or screens no smaller than #50 mesh.</li> </ul>		

CROP	APPLICATION	USE RATE
<b>Peanut</b>	In-furrow	2 fl oz per acre (146.16 ml per hectare)
<ul style="list-style-type: none"> <li>• Apply in-furrow with a seed with the goal for the solution to come in contact with the seed and roots when germination occurs.</li> <li>• Refer to COMPATIBILITY WITH OTHER AGRICULTURAL PRODUCTS section when mixing with other products.</li> <li>• Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension.</li> <li>• Use filters or screens no smaller than #50 mesh.</li> </ul>		

CROP	APPLICATION	USE RATE
<b>Cotton</b>	In-furrow	2 fl oz per acre (146.16 ml per hectare)
<ul style="list-style-type: none"> <li>• Apply in-furrow with a seed with the goal for the solution to come in contact with the seed and roots when germination occurs.</li> <li>• Refer to COMPATIBILITY WITH OTHER AGRICULTURAL PRODUCTS section when mixing with other products.</li> <li>• Maintain continuous agitation in mix tank during mixing and application to assure a uniform suspension.</li> <li>• Use filters or screens no smaller than #50 mesh.</li> </ul>		

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Always check with your state to verify state registration status or call 800-6-VALENT (682-5368).



For state registration and/or supplemental labels, please call or visit us online.

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***Always read and follow label instructions.***

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