



**MycoApply® Injector Ecto  
Drench Application Recommendations**

		Recommended Rates									
Container Description <sup>1</sup>	Container Volume (Liters)	Propagules per pot/container/tray -Standard Rate	Grams of product per pot/container/tray	# of treated pots/ trays per gram of product	# of treated pots/ trays per 20 gram scoop of product	Water/suspension volume per pot (mls)	Liters of water per gram of product	Liters of water per 20 gram scoop	Gallons of water per gram of product	Grams of product per 100 gallons	Gallons of water per 20 gram scoop of product
1.0 Liter pot	1.0	160,547	0.0043	235	4,693	80	<b>18.8</b>	<b>376</b>	<b>5.0</b>	<b>20</b>	<b>100</b>
6" pot (0.5 gal)	1.8	288,984	0.0077	130	2,607	144					
8" pot (1 gal)	3.8	610,078	0.0162	62	1,235	304					
10" pot (2 gal)	7.9	1,269,390	0.0337	30	594	632					
12" pot (5 gal)	14	2,247,656	0.0597	17	335	1,120					
Plug & Propagation Trays <sup>2</sup>	4.5	1,444,922	0.0384	26	521	360					
<b>Bare Root Transplants</b>	Use standard suspension rate of 20 grams of product per 100 gallons of water. Agitation is required throughout the mixing and application process, and the addition of a spreader sticker is recommended for this application method. The bare roots should be thoroughly sprayed with the suspension prior to transplant. If spray is not an option, a bare root dip can also be utilized with a spreader sticker included, with bare roots dipped for approximately 10-15 seconds to obtain good coverage of the root surfaces. Keep suspension agitated throughout (although the ectomycorrhizal spores are much smaller than endo spores, they still vary in size and weight, therefore agitation will ensure homogenous mix of active ingredients).										

**IMPORTANT: When applying MycoApply products, DO NOT use filters or screens finer than #50 mesh (297 Microns).**

<sup>1</sup> For other container sizes, including forestry trays, use these values and multiply by the number of liters of soil (volume) of the container (see bottom of container or literature).

<sup>2</sup> For smaller cells (less than 1.5" deep, with cell counts of 128 cells or more), ensure uniform application to guarantee even coverage of mycorrhizal propagules into each cell.



## MycoApply® Injector Ecto Boom Spray Application Recommendations<sup>1</sup>

Boom Spray Applications – by Area of Treated Plants <sup>2</sup>			
Beds, Trays or Pots		Trays having cell sizes > 1.2 cubic inches (>20 cc)	
Recommended Ecto propagules per square meter (10 square feet)	Recommended grams per square meter (10 square feet)	Quantity of water to drench per square meter (liters)	Quantity of water to drench per 100 square feet (gallons)
<b>5,779,688</b>	<b>0.15</b>	<b>2.5 - 3.0 liters</b>	<b>6.5 - 7.5 gallons</b>
Boom Spray Applications – per 1,000 Plants <sup>2</sup>			
Beds, Trays or Pots		Trays having cell sizes > 1.2 cubic inches (>20 cc)	
Recommended Ecto propagules per plant or cell (minimum range)	Recommended grams per 1,000 plants or cells	Quantity of water to drench per 1,000 plants or cells (liters)	Quantity of water to drench per 1,000 plants or cells (gallons)
<b>4,281 – 8,562</b>	<b>0.20</b>	<b>1.8 - 2.2 liters</b>	<b>0.5 - 0.6 gallons</b>

**IMPORTANT:** When applying MycoApply products, DO NOT use filters or screens finer than #50 mesh (297 Microns).

<sup>1</sup> Our standard recommendations are sufficient for most circumstances, but multiple passes may be necessary for sufficient mycorrhizal delivery to each plant or plug. When applying via an injector, the bottom screen needs to be removed.

<sup>2</sup> Use higher-volume “drench” or “irrigation” nozzles for mycorrhizal application via Boom Sprayers.

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