



MycoApply® Injector Ecto Drench Application Recommendations

		Recommended Rates									
Container Description ¹	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	18.9	378	5.0	20	100
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 ²	4.5	723,360	0.0192	26	521	360					
Bare Root Transplants	Use standard suspension rate of 20 grams of product per 100 gallons of water. Agitation is required throughout the mixing and application process. 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 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).

¹ True volumetric container sizes listed. 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).

² 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. If needed, to ensure uniform coverage, liquid suspension concentration can be increased, but we do not recommend applying additional water/liquid.



MycoApply® Injector Ecto Boom Spray Application Recommendations¹

Boom Spray Applications – per 1,000 Square Feet (At a rate of 20 grams of Injector Ecto per 100 gallons of spray solution.)		
Pots, Containers, or Beds		Plug/Propagation Trays/Flats
Recommended Ecto propagules per 1,000 square feet	Quantity of application solution to drench per 1,000 square feet (gallons)	Quantity of application solution to drench per 1,000 square feet (gallons)
704,522,500 propagules	93.5 gallons	57.8 gallons
Boom Spray Applications – per 100 Square Meters (At a rate of 5.3 grams of Injector Ecto per 100 liters of spray solution.)		
Pots, Containers, or Beds		Plug/Propagation Trays/Flats
Recommended Ecto propagules per 100 square meters	Quantity of application solution to drench per 1,000 square feet (liters)	Quantity of application solution to drench per 100 square meters (liters)
758,348,752 propagules	380.8 liters	235.7 liters

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¹ 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. Use higher volume “drench” or “irrigation” nozzles for mycorrhizal application via Boom Sprayers.

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