

Fungicide + Insecticide Imisol™



Imisol™ is a special formulation of debacarb fungicide plus imidacloprid insecticide in a completely enclosed micro-infusion system for use on ornamental trees. A combination of Mauget's Fungisol® plus Imicide® in one application, Imisol provides disease suppression of over 30 pathogens and control of more than 20 insects.

- Two treatments in one application
- Broad spectrum
- University researched
- Completely enclosed, minimal risk application method
- *CAUTION* label

Active Ingredients Debacarb 1.7%,
Carbendazim 0.3%, Imidacloprid 5.0%
EPA Reg. No. 7946-21





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Target Diseases

Anthracnose
 Atropellis Canker
 Bleeding Canker
 Botryosphaeria Branch Canker
 Cedar Branch Canker
 Ceratocystis Canker
 Coryneum Blight
 Cytospora Canker
 Diplodia Tip Blight
 Dutch Elm Disease
 Elm Wilt
 Fusarium Wilt
 Kabatina Branch Canker
 Leptographium Canker
 Melanconium Dieback
 Mimosa Wilt
 Nectria Canker
 Oak Decline
 Oak Wilt
Penicillium vermoeseni
 Phomopsis Canker
 Pine Pitch Canker
 Pink Bud Rot
 Thielaviopsis Decline
 Verticillium Dieback
 Verticillium Wilt
 Others

Target Insects

Adelgids
 Alder Birch Borer
 Aphids
 Black Vine Weevil Larvae
 Bronze Birch Borer
 Cottonwood Longhorned Borer
 Elm Leaf Beetle
 Eucalyptus Longhorned Borer
 Flathead Borers
 Japanese Beetle
 Lacebugs
 Leafhoppers
 Leafminers
 Lerp Psyllid
 Mealybugs
 Pine Tip Moth Larvae
 Psyllids
 Royal Palm Bugs
 Scale Insects
 Thrips
 Whiteflies

Research

Disease / Issue*	Researcher Facility	Findings
Effect of micro-injections on tree	Dr. Alex Shigo Walter Money Dales Dodds	Over a 14-year period in which an elm received multiple micro-injections, all wounds fully compartmentalized. No decay or chemical phytotoxicity.
Over 40 fungal pathogens	W.D. Thomas, Jr. Field Trials	Tested on 1,733 trees in 156 trials over a period of 6 years. Effective against Dutch elm disease, Fusarium wilt, Verticillium wilt, pine pitch canker, oak decline and others. Two annual applications suppressed Fusarium decline in oak for at least 5 years.
Pine Pitch Canker	W.D. Thomas, Jr. EPA	Suppression at a level of 95% control. Residual effect in twig tips sufficient to potentially suppress twig and branch pathogens. Longer residual in root crown. Chemical moves readily within phloem and xylem.

*Studies conducted with Fungisol, which contains same concentration of fungicide active ingredient as Imisol.

Insect*	Researcher Facility	Findings
Asian Longhorned Beetle	USDA Illinois, New York	Less than 1% of over 70,000 treated trees became infected.
Asian Cycad Scale	Terry Tattar University of Massachusetts	Reduced scale population after 30 days, with 75% suppression after 60 days. <i>17th Annual USDA Invasive Species Symposium & Forum, January 2006.</i>
Hemlock Woolly Adelgid Effect on biological controls	Brian Eisenback Virginia Tech	Significantly decreased shoots infested by 28%. Reduced adelgid populations to under 10% infestation. Biological control agents (beetles) were not significantly affected, with 80-86% survival.
Hemlock Woolly Adelgid	Tom McAvoy Virginia Tech	Four years of trials. Significantly reduced adelgid density 66%. More effective than soil injection at 35%.
Redgum Lerp Psyllid	Lester Young Cal-Poly University	Significant reduced nymphs for up to 8 months. <i>Journal of Arboriculture 28 (3): May 2002.</i>

*Studies conducted with Imicide, which contains a higher concentration of insecticide active ingredient than Imisol.

J.J. Mauget Co.
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 www.mauget.com

Packaging

4 or 6 ml capsules, 24 capsules per carton