



Horticulture & Turf Fungicide Effects on Mycorrhizal Fungi

Trade Name	Common Name / Active	Recommendations for:					
		Endomycorrhizae			Ectomycorrhizae		
		OK	Avoid Use	Insufficient Data	OK	Avoid Use	Insufficient Data
26/36™	Thiophanate-methyl + Iprodione	X					X
3336™	Thiophanate-methyl	X					X
Actino Iron®	<i>Streptomyces lydicus</i> WYEC 108	X			X		
Actinovate® L&G	<i>Streptomyces lydicus</i> WYEC 108	X			X		
Actinovate® SP	<i>Streptomyces lydicus</i> WYEC 108	X			X		
Adorn®	Fluopicolide			X			X
Affirm™	Polyoxin-D			X			X
Aliette®	Fosetyl-AL	X			X		
AllPro® Exotherm Termil	Chlorothalonil	X			No effect at low rate, tends to suppress at high rate.		
Alude™	Phosphorous acid			X			X
Areca™	Fosetyl-AL	X			X		
Astun™	Isofetamid			X			X
Banner® MAXX® II	Propiconazole		X				X
Banol®	Propamocarb hydrochloride	X					X
Banrot®	Etridiazole + Thiophanate-methyl			X		X	
Bayleton®	Triadimefon		X				X
Camelot®	Copper sulfate			X			X
Captan	Captan		X		No effect at low rate, tends to suppress at high rate.		
Carb-O-Nator™	Potassium bicarbonate	X			X		
Cease®	<i>Bacillus subtilis</i> QST 713	X			X		
Chipco® 26019	Iprodione	X					X
Companion®	<i>Bacillus subtilis</i> GB03	X			X		
Compass®	Trifloxystrobin			X			X
Concert® II	Propiconazole + Chlorothalonil		X				X
CuPro™ 2005 T/N/O	Copper hydroxide	X					X
Cuproxtat®	Copper sulfate			X			X
Daconil® Ultrex®	Chlorothalonil	X			No effect at low rate, tends to suppress at high rate.		
Decree®	Fenhexamid			X			X

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Dithane®	Mancozeb	X				X	
Dorado™	Propiconazole		X				X
Eagle® 20 EW	Myclobutanil	X					X
Empress™ Intrinsic	Pyraclostrobin	X					X
FenStop®	Fenamidone			X			X
Fore®	Mancozeb	X				X	
Fungo®	Thiophanate-methyl	X					X
Greenshield®	Quaternary Amines	X					X
Heritage®	Azoxystrobin	X			X		
Junction™	Mancozeb	X				X	
KleenGrow™	Didecyl dimethyl ammonium chloride			X			X
Kopa™ Insecticidal Soap	Potassium salts of fatty acids	X			X		
Lesan	Fenamiosulf			X		X	
M-Pede®	Potassium salts of fatty acids	X			X		
Medallion®	Fludioxonil	X					X
Micora™	Mandipropamid			X			X
MilStop®	Potassium bicarbonate	X			X		
Mural™	Benzovindiflupyr + Azoxystrobin			X			X
Nordox 75WG	Cuprous Oxide			X			X
OHP 6672®	Thiophanate-methyl	X					X
Orkestra™	Fluxapyroxad + Pyraclostrobin	X					X
Orvego™	Ametoctradin + Dimethomorph			X			X
Pageant® Intrinsic™	Boscalid + Pyraclostrobin	X					X
Palladium™	Cyprodinil + Fludioxinil			X			X
Pentathlon™	Mancozeb	X				X	
Phaltan®	Folpet		X			X	
Phyton® 27	Copper sulfate			X			X
Phyton® 35	Copper sulfate			X			X
Pipron®	Piperalin			X			X
PlantShield® HC	<i>Trichoderma harzianum</i> T22	X			X		
Prodigy™ Signature®	Fosetyl-AL	X			X		

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Proplant™	Propamocarb	X					X
ProStar®	Flutolanil			X			X
Protect™ DF	Manganese + zinc			X			X
Rally® 40WSP	Myclobutanil	X					X
RootShield®	<i>Trichoderma harzianum</i> T22	X			X		
RootShield® Plus	<i>Trichoderma harzianum</i> T22 + <i>Trichoderma virens</i> G41	X			X		
Rubigan®	Fenarimol		X				X
Segway® O	Cyazofamid			X			X
Segovis®	Oxathiapiprolin			X			X
Senator® 50 SC (Canada)	Thiophanate-methyl	X					X
Senator® 70 WP WSB	Thiophanate-methyl	X					X
Sentinel® 40WG	Cyproconazole	X					X
Signature™ XTRA	Fosetyl-AL	X			X		
SoilGard®	<i>Gliocladium virens</i> GL-21	X			X		
Spectro® 90	Thiophanate-methyl + Chlorothalonil	X			No effect at low rate, tends to suppress at high rate.		
Stature® SC	Dimethomorph			X			X
Strike® 50 WDG	Triadimefon		X				X
Strike® Plus 50 WDG	Triadimefon + Trifloxystrobin		X				X
Subdue® MAXX®	Metalaxyl-M (=Mefenoxam)	X			X		
Subtlex® NG	<i>Bacillus subtilis</i> MBI 600	X			X		
Suffoil-X™	Petroleum oil			X			X
Systec 1998®	Thiophanate-methyl	X					X
Sythane®	Myclobutanil	X					X
Terraclor®	Pentachloronitrobenzene (PCNB)	No effect at low rate, tends to suppress at high rate.				X	
Terraguard®	Triflumizole			X			X
Terraneb SP	Chloroneb	No effect at low rate, tends to suppress at high rate.				X	
Terrazole®	Etridiazole			X		X	
Teremec SP	Chloroneb	No effect at low rate, tends to suppress at high rate.				X	

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Tersan® 1991	Benomyl		X		No effect at low rate, tends to suppress at high rate.		
Tersan® 75	Thiram	X				X	
Triact® 70	Clarified hydrophobic extract of neem oil			X			X
Triathlon® BA	<i>Bacillus amyloliquefaciens D747</i>	X			X		
Trigo™	Triadimefon + Trifloxystrobin			X			X
Trinity®	Triticonazole			X			X
Trinity® TR	Triticonazole			X			X
Truban®	Etridiazole			X		X	
Turficide®	Pentachloronitrobenzene (PCNB)	No effect at low rate, tends to suppress at high rate.				X	
X3™	Hydrogen dioxide + peroxyacetic acid + octanoic acid			X			X
ZeroTol®	Hydrogen dioxide + peroxyacetic acid			X			X
Ziram®	Zinc dimethyldithiocarbamate		X			X	

General Observations:

*The longer the wait to apply any fungicide after mycorrhizal fungi inoculation, the better for the mycorrhizal fungi development.

**Most foliar sprays of any fungicide (except systemics such as Bayleton) have little effect on mycorrhizal fungi.

This chart is updated periodically, as new products are added, and results of new trials are published. Please visit www.mycorrhizae.com or contact your Mycorrhizal Applications Representative for the latest version of this chart.

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