

Table 2. Fungicides and bactericides currently labeled for diseases of woody ornamentals in Massachusetts, listed by active ingredient.

ACTIVE INGREDIENT(S)	TRADE NAME*	SUPPLIER	2014 EPA REG. #
Azoxystrobin	Abound Flowable	Syngenta Crop Protection, Inc.	100-1098
	Heritage	Syngenta Crop Protection, Inc.	100-1093
	Quadris	Syngenta Crop Protection, Inc.	100-1098
Azoxystrobin + Propiconazole	Quilt Xcel	Syngenta Crop Protection, Inc.	100-1324
Calcium Polysulfide (Lime Sulfur)	BSP Sulforix	AG Formulators, Inc.	66196-3-72
	BSP Lime-Sulfur Solution	AG Formulators, Inc.	66196-2-72
	Rex Lime Sulfur Solution	OR-CAL, Inc.	71096-6-7401
Boscalid + Pyraclostrobin	Pristine	BASF Corporation	7969-199
Chlorothalonil (<i>R</i>)	Bravo Ultrex	Syngenta Crop Protection, Inc.	50534-201-100
	Bravo Weather Stik	Syngenta Crop Protection, Inc.	50534-188-100
	Chloronil 720	Syngenta Crop Protection, Inc.	50534-188-100
	Cholorthalonil 720 SC	Arysta LifeScience	66330-362
	Quali-Pro Chorothalonil 500 ZN	FarmSaver.com, LLC	66222-150-73220
	Daconil Ultrex	Syngenta Crop Protection, Inc.	50534-202-100
	Daconil Weather Stik	Syngenta Crop Protection, Inc.	50534-209-100
	Daconil Zn	Syngenta Crop Protection, Inc.	50534-211-100
	Docket DF	Syngenta Crop Protection, Inc.	50534-202-100
	Echo 720 T&O	Sipcam Agro USA, Inc.	60063-7
	Echo Ultimate T&O	Sipcam Agro USA, Inc.	60063-3
	Ensign 720	Loveland Products, Inc.	34704-966
	Ensign 82.5%	Loveland Products, Inc.	34704-965
	Equus 500 ZN	Makhteshim Agan of N. America, Inc.	66222-150
	Equus 720 SST	Makhteshim Agan of N. America, Inc.	66222-154
	Equus DF	Makhteshim Agan of N. America, Inc.	66222-149
	Initiate 720	Loveland Products, Inc.	34704-881
	Manicure 6FL	Lesco, Inc.	60063-7-10404
	Mainsail 6.0 F	PROKoZ, Inc.	72112-6
Mainsail WDG	PROKoZ, Inc.	72112-5	
Chlorothalonil + Propiconazole (<i>R</i>)	Concert	Syngenta Crop Protection, Inc.	100-1192
	Concert II	Syngenta Crop Protection, Inc.	100-1347
Chlorothalonil + Thiophanate-methyl (<i>R</i>)	Spectro 90WDG	Cleary Chemical Corporation	1001-72
	Quali-Pro TM/C WDG	Makhteshim Agan of N. America, Inc.	48234-7-73220
Copper Sulfate	Basic Copper 53	Albaugh, Inc.	45002-8
	C-O-C-S WDG	Loveland Products, Inc.	34704-326
	Cuprofix Ultra 40 Dispersers	Cerexagri, Inc.	70506-201
	Dragoon Dust with Copper	Bonide Products, Inc.	4-474
Copper Hydroxide	Kocide 101	E.I. DuPont De Nemo	352-681
	Kocide 2000	E.I. DuPont De Nemo	352-656
	Kocide 3000	E.I. DuPont De Nemo	352-662

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	Kocide 4.5LF	E.I. DuPont De Nemo	352-684
	Kocide DF	E.I. DuPont De Nemo	352-688
	Nu-Cop 50DF	Albaugh, Inc.	45002-4
	Nu-Cop 50WP	Albaugh, Inc.	45002-7
Copper Salts of Fatty and/or Rosin Acids	Camelot O	SePRO Corp.	67702-2-67690
Debacarb + Carbendazim	Fungisol	J. J. Mauget Company	7946-14
Debacarb (+ Imidacloprid)	Imisol	J. J. Mauget Company	7946-21
Etridiazole	Terrazole 35% WP	Chemtura Corp.	400-416
	Truban 25 EC	Scott's-Sierra Crop Protection Co.	58185-8
	Truban 30 WP	Scott's-Sierra Crop Protection Co.	58185-7
Etridiazole + Thiophanate-methyl	Banrot 40 WP	Scott's-Sierra Crop Protection Co.	58185-10
	Banrot 8G	Scott's-Sierra Crop Protection Co.	58185-23
Fenarimol	Rubigan A.S.	Gowan Company	10163-274
Flutolanil	ProStar 70 WDG	Bayer Environmental Science	432-1477
	ProStar 70 WG	Bayer Environmental Science	432-1223
	ProStar 70 WP	Bayer Environmental Science	432-1223
Fosetyl-Aluminum	Aliette WDG	Bayer Environmental Science	432-890
	Chipco Signature	Bayer Environmental Science	432-890
Horticultural Oil	Ferti-Lome Horticultural Oil Spray	Voluntary Purchasing Group, Inc.	48813-1-7401
	RTSA horticultural oil	Rainbow Treecare Scientific Advancements	74779-9
Iprodione	26 GT	Bayer Environmental Science	432-888
	Chipco 26019 Flo	Bayer Environmental Science	432-888
	18 Plus T&O	Lesco, Inc.	432-888-10404
	Ipro 2SE	Makhteshim Agan of N. America, Inc.	73220-14
Iprodione + Thiophanate-methyl	26/36	Cleary Chemical Corporation	432-1414-1001
Kresoxim-methyl (<i>R</i>)	Cygnus	BASF Corporation	7969-124
	Sovran	BASF Corporation	7969-154
Mancozeb	Dithane 75DF Rainshield	Dow AgroSciences, LLC	62719-402
	Dithane F-45 Rainshield	Dow AgroSciences, LLC	62719-396
	Dithane M45	Dow AgroSciences, LLC	62719-387
	4 Flowable Mancozeb	Lesco, Inc.	62719-396-10404
	Mancozeb Flowable with Zinc	Bonide Products, Inc.	62719-396-4
	Fore 80WP Rainshield	Dow AgroSciences, LLC	62719-388
	Mancozeb DG	Lesco, Inc.	62719-402-10404
	Manzate Pro-Stick T&O	Cerexagri, Inc.	70506-234
	Manzate Flowable T&O	Cerexagri, Inc.	70506-236
	Protect DF	Cleary Chemical Corporation	1001-77
Mancozeb + Copper Hydroxide	ManKocide	E.I. DuPont De Nemo	352-690
Mancozeb + Thiophanate-methyl	Zyban WSB	Scott's-Sierra Crop Protection Co.	58185-31

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Mefenoxam (Metalaxyl-m)	Quali-Pro Mefenoxam 2 AQ	Makhteshim Agan of N. America, Inc.	70252-11-73220
	Subdue GR	Syngenta Crop Protection, Inc.	100-794
	Subdue MAXX	Syngenta Crop Protection, Inc.	100-796
Myclobutanil	Eagle 20EW	Dow AgroSciences, LLC	62719-463
	Eagle 40 WP	Dow AgroSciences, LLC	62719-417
	Hoist	PROKoZ, Inc.	62719-417-72112
	Myclo 20 EW	United Turf Alliance	42750-166-86064
	Myclobutanil 20 EW T&O	Makhteshim Agan of N. America, Inc.	66222-185
	Rally 40WSP	Dow AgroSciences, LLC	62719-410
<i>Myrothecium verrucaria</i> (dried solids & solubles)	Ditera DF	Valent Biosciences Corp.	73049-67
Neem Oil	70% Neem Oil	Lawn and Garden Products, Inc.	70051-2-54705
	Triact 70	OHP, Inc.	70051-2-59807
	Trilogy	Certis USA, LLC	70051-2
	Bonide Neem Oil	Bonide Products, Inc.	70051-2-4
	Green Light Neem Concentrate	Green Light Co.	70051-2-869
	Natria Neem Oil Concentrate	Bayer Advanced, LLC	70051-2-72155
	Bon Neem II	Bonide Products, Inc.	70051-74-4
Phosphorous Acid	Agri-Fos	Agrichem	71962-1
	Agri-Fos	Lawn and Garden Products, Inc.	71962-1-54705
	Alude	Cleary Chemical Corporation	71962-1-1001
	Organocide Plant Doctor	Organic Laboratories, Inc.	71962-1-70179
	Arborfos	J. J. Mauget Company	7946-26
	Arborfos HP	J. J. Mauget Company	7946-31
	Fosphite	JH Biotech, Inc.	68573-2
	Quanta	Helena Chemical Company	5905-566
	Rampart T&O	Loveland Products, Inc.	34704-924
	Resist 57	Actagro, LLC	82940-1
Potassium Bicarbonate	Armcarb 100	Helena Chemical Company	5905-541
	Eco-Mate Armcarb "O"	Helena Chemical Company	5905-541
Propamocarb hydrochloride	Banol T&O	Bayer Environmental Science	432-942-10404
	Proplant T&O	Sipcam Agro USA, Inc.	55260-9
Propiconazole	Alamo	Syngenta Crop Protection, Inc.	100-741
	AmTide Propiconazole 41.8%	AmTide, LLC	83851-10
	Banner MAXX	Syngenta Crop Protection, Inc.	100-741
	Banner MAXX II	Syngenta Crop Protection, Inc.	100-1326
	Dorado	Syngenta Crop Protection, Inc.	100-741
	Fathom 14.3 MEC	PROKoZ, Inc.	72112-3
	Fitness	Loveland Products, Inc.	34704-1031
	Honor Guard PPZ T&O	Control Solutions, Inc.	66222-41-53883

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	Monterey Fungi-Fighter	Lawn and Garden Products, Inc.	100-773-54705
	Procon-Z	Loveland Products, Inc.	34704-879
	ProPensity 1.3ME	Sipcam Agro USA, Inc.	60063-27
	Quali-Pro Propiconazole 14.3	FarmSaver.com, LLC	66222-41-73220
	Propi-Star EC	Albaugh, Inc.	42750-211
	Shar-Shield PPZ	Sharda USA, LLC	83529-22
	Spectator T&O	Lesco, Inc.	100-617-10404
Streptomycin Sulfate	Ag Streptomycin	Makhteshim Agan of N. America, Inc.	66222-121
	Agri-Mycin 17	Nufarm Americas, Inc.	55146-96
	Firewall 17WP	AgroSource, Inc.	80990-4
Sulfur	Kumulus DF	Arysta LifeScience	51036-352-66330
	Micro Sulf	Nufarm Americas, Inc.	55146-75
	Microfine Sulfur	Loveland Products, Inc.	6325-13-34704
	Sulfur 6 L	Arysta LifeScience	66330-211
	Yellow Jacket Wettable Sulfur II	Georgia Gulf Sulfur Corp.	6325-13
Tebuconazole + Trifloxystrobin	Adament 50 WG	Bayer Environmental Science	264-1052
Thiabendazole Hypophosphite	Arbotect 20-S	Syngenta Crop Protection, Inc.	100-892
Thiophanate-methyl	3336 F	Cleary Chemical Corporation	1001-69
	3336 WP	Cleary Chemical Corporation	1001-63
	Fungo WSB	Scott's-Sierra Crop Protection Co.	58185-30
	Incognito 4.5F	Makhteshim Agan of N. America, Inc.	66222-134
	Incognito 85 WDG	Makhteshim Agan of N. America, Inc.	66222-145
	Quali-Pro 85 WDG	Makhteshim Agan of N. America, Inc.	66222-145
	T-Methyl 70W WSB	Arysta LifeScience	66330-301
	Thiophanate Methyl 85 WDG	Makhteshim Agan of N. America, Inc.	66222-145
	Quali-Pro TM 4.5	Makhteshim Agan of N. America, Inc.	48234-12-73220
	Topsin 4.5 FL	United Phosphorus Inc.	73545-13-70506
	Transom 4.5 F	PROKoZ, Inc.	72112-2
	Transom 50 WSB	PROKoZ, Inc.	72112-1
Triadimefon	Bayleton 50 WSP	Bayer Environmental Science	432-1360
	Bayleton Flo	Bayer Environmental Science	432-1445
	Strike 50 WDG	OHP, Inc.	432-1367-59807
Triadimefon + Trifloxystrobin	Armada 50WP	Bayer Environmental Science	432-1412
<i>Trichoderma harzianum</i> var. <i>Rifai</i> (strain KRL-AG2)	Root Shield HG	BioWorks, Inc.	68539-4
	T-22TM HC	BioWorks, Inc.	68539-4
	Rootshield TM Granules	BioWorks, Inc.	68539-3
	Rootshield WP	BioWorks, Inc.	68539-7
Trifloxystrobin	Compass	Bayer Environmental Science	432-1371
	Compass O 50WDG	OHP, Inc.	432-1371-59807

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	Flint	Bayer Environmental Science	264-777
	Gem 500 SC	Bayer Environmental Science	264-826
Triflumizole	Procure 480SC	Chemtura Corp.	400-518
	Terraguard SC	Chemtura Corp.	400-521
	Tarraguard 50W	Chemtura Corp.	400-433

(R) denotes chemical has restricted use status in Massachusetts.