

Table 10-XX. Efficacy of Products for Disease Control in Annual, Perennial, Bedding, and Flowering Potted Plants in Greenhouses, Nurseries, and Landscapes

Inga Meadows, Entomology and Plant Pathology

Site use: G=Greenhouse, N=Nursery, L=Landscape; Scale: E = excellent; G = good; F = fair; P = poor; NC = no control; ND = no data

Product	Active ingredient	Fungicide group (FRAC)	Site use	Bacterial spots, blights	Black root rot	Botrytis	Downy mildew	Fusarium	Myrothecium	Phytophthora aerial blight	Phytophthora root/crown rot	Powdery mildew	Pythium root rot	Rhizoctonia	Rust	White mold (Sclerotinia)
generic (e.g., Cleary 3336DG/EG/F, T-Bird, T-Methyl)	Thiophanate methyl	1	G, N, L	NC	G	F	F-G	G	P-F	NC	NC	G	NC	G	G	NC
26/36 Fungicide, Dovetail	Thiophanate methyl + Iprodione	1+2	G, N, L	NC	NC	F	NC	NC	NC	NC	NC	NC	G-E	E	NC	NC
Banrot	Thiophanate methyl + Etridiazole	1+14	G, N, L	NC	G	NC	NC	NC	NC	NC	NC	NC	ND	F	NC	NC
Zyban	Thiophanate methyl + Mancozeb	1+M03	G, N, L	NC	NC	NC	NC	NC	NC	NC	NC	G	NC	NC	NC	NC
Consynt, Peregrine, Spectro 90	Thiophanate methyl + Chlorothalonil	1+M05	G, N, L	NC	NC	F	NC	F	NC	G	NC	F	G-E	NC	G	G
generic (e.g., 18 Plus, Chipco 26019, Iprodione Pro, Raven)	Iprodione	2	G, N, L	NC	NC	G	F-G	G	F-G	NC	NC	NC	NC	G	NC	G
Avelyo	Mefentrifluconazole	3	G, N	NC	G	ND	NC	ND	ND	NC	NC	ND	NC	ND	ND	ND
Banner Maxx, Strider, Fathom	Propiconazole	3	N, L	NC	NC	NC	NC	G	G	NC	NC	E	NC	NC	G	NC
Bayleton 50, Strike 25WDG	Triadimefon	3	L	NC	NC	NC	NC	NC	NC	NC	NC	G	NC	F	G	NC
Eagle 20EW/40WP	Myclobutanil	3	G, N, L	NC	NC	NC	NC	P-F	F-G	NC	NC	E	NC	G	G-E	NC
Terraguard, Trionic 4SC	Triflumizole	3	G, N, L	NC	G	NC	NC	F-G	G	NC	NC	G	NC	F-G	G	NC
Torque	Tebuconazole	3	N, L	NC	NC	F*	NC	P	NC	NC	NC	ND	NC	NC	ND	NC
Tourney	Metconazole	3	N, L	NC	ND	P*	NC	F-G*	NC	NC	NC	G	NC	G	G	NC
Trinity, Trinity TR	Triticonazole	3	G	NC	ND	F	NC	F-G	G	NC	NC	G	NC	G	E	NC
Postiva	Difenoconazole + Pydiflumetofen	3 + 7	G, N	F-G	G	G	NC	F	ND	NC	NC	NC	NC	F-G	NC	ND
Trigo	Triadimefon + Trifloxystrobin	3+11	G, N	NC	NC	NC	NC	NC	NC	NC	NC	ND	NC	NC	ND	NC
Clevis	Myclobutanil + Mancozeb	3+M03	G, N, L	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Concert II	Propiconazole + Chlorothalonil	3+M05	N, L	NC	NC	G	F-G	ND	NC	NC	NC	NC	NC	NC	G	NC
Subdue Maxx	Mefenoxam	4	G, N, L	NC	NC	NC	E	NC	NC	G-E	G	NC	G-E	NC	NC	NC
Hurricane WDG	Mefenoxam + Fludioxonil	4+12	G, N	NC	ND	NC	E	E	NC	G-E	F-G	NC	G-E	G	ND	NC
Pipron	Piperalin	5	G	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Prostar, Contrast	Flutolanil	7	G, N	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	ND	G	NC
Astun	Isofetamid	7	G, N	NC	ND	G	NC	ND	G	NC	NC	ND	NC	F-G	ND	ND
Pageant Intrinsic	Boscalid + Pyraclostrobin	7+11	G, N, L	NC	NC	G	G	F	G	ND	F	G-E	F-G	G-E	G-E	G-E
Orkestra Intrinsic	Fluxapyroxad + Pyraclostrobin	7+11	G, N, L	NC	P*	G	F-G	F	F-G	F-G	NC	G	NC	G	NC	NC
Mural	Benzovindiflupyr + Azoxystrobin	7+11	G, N, L	NC	ND	E*	G	ND	G	F-G	ND	G-E	NC	G	NC	E
Compass O	Trifloxystrobin	11	G, N, L	NC	NC	G	G	F	F-G	F-G	ND	G-E	NC	G	G-E	G
Cygnus	Kresoxym methyl	11	G, N, L	NC	NC	NC	NC	NC	NC	NC	NC	P	NC	NC	NC	NC

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Disarm O	Fluoxastrobin	11	G, N	NC	NC	F	G	P	G	NC	NC	F	G	G	ND	NC
FenStop	Fenamidone	11	G	NC	NC	NC	NC	NC	NC	F	F	NC	G	ND	NC	NC
Heritage WG/SC	Azoxystrobin	11	G, N, L	NC	ND	G-E	G	G-E	E	F-G	F	G-E	G	E	G-E	G-E
Empress Intrinsic, Insignia	Pyraclostrobin	11	G, N	NC	G-E	G	G	E	NC	ND	F	F	G	G	G	NC
Palladium	Cyprodinil + Fludioxonil	9+12	G, N, L	NC	NC	F-G	NC	F	G	NC	NC	P-F	NC	G	NC	G
generic (e.g., Medallion, Emblem, Spirato GHN)	Fludioxonil	12	G	NC	F-G	G	G-E	G	G-E	NC	NC	NC	NC	G-E	NC	E
Terraclor 400	PCNB	14	G, N, L	NC	ND	NC	NC	NC	NC	NC	NC	NC	NC	G-E	NC	NC
Terrazole, Truban	Etridiazole	14	G, N, L	NC	NC	NC	NC	NC	NC	G-E	F-G	NC	G-E	NC	NC	NC
Decree	Fenhexamid	17	G, N	NC	NC	E	F	F	NC	NC	NC	G	NC	P-F	F	P-F
Affirmm	Polyoxin D zinc salt	19	G, N, L	NC	G	F	G	NC	NC	NC	NC	NC	NC	G	NC	NC
Segway O	Cyazofamid	21	G, N, L	NC	ND	NC	E	NC	NC	G-E	G	NC	P	ND	NC	NC
Agri-Mycin 17	Streptomycin	25	G, N, L	G(R)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Banol	Propamocarb	28	G, N	NC	NC	NC	F	NC	NC	F-G	ND	NC	F	NC	NC	NC
Aliette WDG, Areca, Viceroy DF	Fosetyl-Al [Aluminum tris (O-ethyl phosphonate)]	P07	G, N, L	F*	NC	P-F	F	NC	NC	F-G	F-G	F-G	F-G	NC	NC	NC
Alude, Fosphite, Fungi-phite, K-Phite, Magellan, Phiticide, Phostrol, Reliant Resyst	Mono and dipotassium salts of phosphorous acid	P07	G, N, L	P-F	ND	P-F	P	NC	NC	F-G	P-F	F-G	F-G	ND	NC	NC
Confine Extra, Rampart, Vital	Potassium phosphite	P07	G, N, L	P-F	F	NC	F-G	NC	NC	F-G	F	NC	F-G	ND	NC	NC
Micora	Mandipropamid	40	G, N	NC	NC	NC	G	NC	NC	G	G	NC	P-F*	ND	NC	NC
Stature SC	Dimethomorph	40	G, N	NC	NC	NC	E	NC	NC	G	G	NC	NC	NC	NC	NC
Orvego	Dimethomorph + Ametoctradin	40+45	G, N	NC	NC	NC	E	NC	NC	G	F	NC	NC	NC	NC	NC
Adorn	Fluopicolide	43	G, N, L	NC	NC	NC	E	NC	NC	F-G	F-G	NC	F	NC	NC	NC
Segovis	Oxathiapiprolin	49	G, N, L	NC	NC	NC	E	NC	NC	E	E	NC	NC	NC	NC	NC
generic (e.g., Camelot O, CuPRO 2005/5000, Kocide 2000, Nu-Cop 50WP/50DF/3L, Phytan 27/35, Badge SC/X2, Cuprofix Ultra)	Fixed coppers	M01	Varies; see label	G (R)	NC	F	F	F	G	P	P	G	F-G	NC	P	NC
generic (e.g., Protect T/O, Fore Dithane, Pentathlon)	Mancozeb	M03	G, N, L	NC	NC	G	F	NC	NC	NC	NC	F	NC	P-F	G	NC
generic (e.g., Daconil Ultrex, Echo)	Chlorothalonil	M05	G	NC	NC	G	F	F	E	P-F	NC	ND	F-G	G	P	G-E
Junction DF/WSP	Copper hydroxide + Mancozeb	M01 + M03	G, N, L	G	NC	F	F	NC	ND	F	NC	F-G	NC	NC	NC	NC
Broadform	Fluopyram + Trifloxystrobin	7+11	G, N, L	NC	P*	NC	ND	ND	G	NC	NC	NC	NC	G	NC	G
Disarm M	Fluoxastrobin + Myclobutanil	11+3	G, N, L	NC	NC	NC	ND	P-F	NC	NC	NC	NC	NC	NC	NC	NC

^RResistance observed in the pathogen to this product.

*Phytotoxicity observed in some trials on some plants.