

Commercial Crop Production: Ornamentals

Table 1. Diseases of ornamental plants.

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Abelia	Leaf spot	<i>Cercospora</i>
Abelia	Powdery mildew	<i>Oidium</i>
Abelia	Root rot	<i>Pythium, Rhizoctonia</i>
African violet (<i>Saintpaulia</i>)	Gray mold	<i>Botrytis</i>
African violet (<i>Saintpaulia</i>)	Leaf spot	<i>Alternaria, Corynespora</i>
African violet (<i>Saintpaulia</i>)	Leaf and stem rot	<i>Rhizoctonia</i>
African violet (<i>Saintpaulia</i>)	Necrotic spot	<i>Impatiens necrotic spot virus</i>
African violet (<i>Saintpaulia</i>)	Powdery mildew	<i>Oidium</i>
African violet (<i>Saintpaulia</i>)	Root rot	<i>Fusarium, Rhizoctonia</i>
African violet (<i>Saintpaulia</i>)	Root and crown rot	<i>Phytophthora, Pythium</i>
Agapanthus	Bacterial leaf blight	<i>Xanthomonas</i>
Agapanthus	Bulb and root rot	<i>Fusarium, Rhizoctonia</i>
Agapanthus	Gray mold	<i>Botrytis</i>
Agapanthus	Leaf spot	<i>Colletotrichum, Myrothecium</i>
Agapanthus	Root rot	<i>Phytophthora, Pythium</i>
Ageratum	Leaf spot	<i>Cercospora</i>
Ageratum	Powdery mildew	<i>Erysiphe</i>
Ageratum	Root rot	<i>Pythium</i>
Ageratum	Root and stem rot	<i>Rhizoctonia</i>
Ageratum	Rust	<i>Puccinia</i>
Ageratum	Southern blight	<i>Agroathelia rolfsii</i>
Aglaonema	Anthracnose	<i>Colletotrichum, Glomerella</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Aglaonema	Bacterial leaf spot	<i>Pseudomonas, Xanthomonas</i>
Aglaonema	Bacterial soft rot	<i>Erwinia</i>
Aglaonema	Leaf spot	<i>Cercospora, Corynespora, Myrothecium</i>
Aglaonema	Root rot	<i>Pythium, Rhizoctonia</i>
Aglaonema	Root and stem rot	<i>Cylindrocladiella, Fusarium, Phytophthora</i>
Aglaonema	Stem rot	<i>Cylindrocladium</i>
Aglaonema	Southern blight	<i>Agroathelia rolfsii</i>
Ajuga	Leaf spot	<i>Alternaria, Cercospora, Colletotrichum, Corynespora, Myrothecium, Stemphylium</i>
Ajuga	Root rot	<i>Pythium, Rhizoctonia</i>
Ajuga	Root and crown rot	<i>Fusarium</i>
Ajuga	Southern blight	<i>Agroathelia rolfsii</i>
Almond, flowering (<i>Prunus triloba</i>)	Blossom and twig blight	<i>Monilinia</i>
Almond, flowering (<i>Prunus triloba</i>)	Gray mold	<i>Botrytis</i>
Almond, flowering (<i>Prunus triloba</i>)	Rust	<i>Tranzschelia</i>
Adenium (Desert rose)	Leaf spot	<i>Aristastoma</i>
Adenium (Desert rose)	Root and stem rot	<i>Rosellinia</i>
Alyssum	Basal stem rot	<i>Pythium</i>
Alyssum	Damping-off	<i>Rhizoctonia</i>
American hornbeam (<i>Carpinus</i>)	Leaf blister	<i>Taphrina</i>
American hornbeam (<i>Carpinus</i>)	Leaf spot	<i>Septoria</i>

Ornamental Plant (<i>Latin name</i>)	Diseases	Pathogen (<i>Genus and/or species</i>)
American hornbeam (<i>Carpinus</i>)	Powdery mildew	<i>Microsphaera, Phyllactinia</i>
Amaryllis	Anthrachnose	<i>Colletotrichum</i>
Amaryllis	Red blotch	<i>Stagnospora</i>
Anemone, Jerusalem	Damping-off	<i>Rhizoctonia</i>
Anthurium	Anthrachnose	<i>Gloeosporium</i>
Anthurium	Bacterial leaf spot	<i>Pseudomonas, Xanthomonas</i>
Anthurium	Bacterial soft rot	<i>Erwinia</i>
Anthurium	Leaf rot	<i>Botrytis</i>
Anthurium	Leaf spot	<i>Alternaria, Cercospora, Phomopsis, Phyllosticta, Septoria</i>
Anthurium	Root rot	<i>Fusarium, Pythium</i>
Anthurium	Root and stem rot	<i>Fusarium, Phytophthora, Rhizoctonia</i>
Anthurium	Southern blight	<i>Agroathelia rolfsii</i>
Aphelandra	Anthrachnose	<i>Colletotrichum</i>
Aphelandra	Bacterial leaf spot	<i>Pseudomonas, Xanthomonas</i>
Aphelandra	Bacterial soft rot	<i>Erwinia</i>
Aphelandra	Leaf spot	<i>Alternaria, Cercospora, Corynespora, Myrothecium</i>
Aphelandra	Root rot	<i>Pythium, Rhizoctonia</i>
Aphelandra	Root, crown and stem rot	<i>Phytophthora</i>
Aphelandra	Southern blight	<i>Agroathelia rolfsii</i>
Arborvitae (<i>Thuja</i>)	Tip and twig blights or dieback	<i>Alternaria, Cercospora, Coryneum, Pestalotiopsis, Phomopsis</i>
Arborvitae (<i>Thuja</i>)	Root rot	<i>Fusarium, Phytophthora, Pythium</i>
Arborvitae (<i>Thuja</i>)	Root and stem rot	<i>Rhizoctonia</i>
Aronia	Root rot	<i>Phytophthora</i>

Ornamental Plant (<i>Latin name</i>)	Diseases	Pathogen (<i>Genus and/or species</i>)
Ardisia	Leaf spot	<i>Cercospora, Mycosphaerella, Phyllosticta</i>
Ardisia	Root rot	<i>Phytophthora</i>
Ardisia	Stem rot	<i>Fusarium, Rhizoctonia, Sclerotinia</i>
Areca palm	Root rot	<i>Phytophthora, Pythium</i>
Artemisia	Root rot	<i>Phytophthora, Pythium</i>
Ash	Anthrachnose	<i>Gloeosporium</i>
Ash	Heart rot	<i>Ganoderma</i>
Ash	Leaf spot	<i>Cercospora, Cercosporidium, Cyindrosporium</i>
Ash	Powdery mildew	<i>Oidium</i>
Ash	Rust	<i>Puccinia</i>
Asian jasmine	Aerial blight	<i>Rhizoctonia</i>
Asian jasmine	Root rot	<i>Armillaria, Fusarium</i>
Asparagus fern	Anthrachnose	<i>Colletotrichum</i>
Asparagus fern	Blight	<i>Ascochyta, Cercospora</i>
Asparagus fern	Stem rot	<i>Fusarium, Rhizoctonia</i>
Aspidistra	Anthrachnose	<i>Colletotrichum</i>
Aspidistra	Leaf spot	<i>Ascochyta, Cercospora</i>
Aster	Powdery mildew	<i>Erysiphe</i>
Aster	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Aster	Rust	<i>Puccinia</i>
Aster	Stem rot	<i>Rhizoctonia</i>
Astilbe	Leaf spot	<i>Cercospora</i>
Astilbe	Powdery mildew	<i>Erysiphe</i>
Aucuba	Anthrachnose	<i>Gloeosporium</i>
Aucuba	Leaf spot	<i>Pestalotia, Phyllosticta</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Aucuba	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Azalea	Damping-off	<i>Rhizoctonia</i>
Azalea	Dieback	<i>Phytophthora</i>
Azalea	Flower blight	<i>Ovulinia</i>
Azalea	Foliage blight	<i>Phytophthora</i>
Azalea	Leaf gall	<i>Exobasidium</i>
Azalea	Leaf spot	<i>Cercospora, Colletotrichum, Pestalotia, Phyllosticta</i>
Azalea	Powdery mildew	<i>Microsphaera</i>
Azalea	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Azalea	Web blight	<i>Rhizoctonia</i>
Baby's breath (<i>Gypsophila</i>)	Gray mold	<i>Botrytis</i>
Baby's breath (<i>Gypsophila</i>)	Leaf spot	<i>Phyllosticta</i>
Baby's breath (<i>Gypsophila</i>)	Root rot	<i>Phytophthora, Pythium</i>
Baby's breath (<i>Gypsophila</i>)	Stem Rot	<i>Fusarium, Rhizoctonia</i>
Balsam (<i>Impatiens balsamina</i>)	Leaf spot	<i>Cercospora, Septoria</i>
Balsam (<i>Impatiens balsamina</i>)	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Balsam (<i>Impatiens balsamina</i>)	Stem rot	<i>Fusarium, Rhizoctonia</i>
Banana shrub	Algal leaf spot	<i>Cephaleuros</i>
Banana shrub	Root rot	<i>Phytophthora, Rhizoctonia</i>
Barberry	Bacterial leaf spot	<i>Pseudomonas</i>
Barberry	Leaf spot	<i>Gloeosporium</i>
Barberry	Powdery mildew	<i>Erysiphe, Phyllactinia</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Barberry	Rust	<i>Cumminsiiella, Puccinia</i>
Bay, red	Leaf spot	<i>Cercospora</i>
Bee balm	Leaf spot	<i>Cercospora</i>
Beech, American	Leaf spot	<i>Cercospora</i>
Beech, American	Powdery mildew	<i>Phyllactinia</i>
Begonia	Anthracnose	<i>Colletotrichum</i>
Begonia	Bacterial leaf spot	<i>Xanthomonas</i>
Begonia	Gray mold	<i>Botrytis</i>
Begonia	Leaf spot	<i>Cercospora, Phyllosticta, Phomopsis</i>
Begonia	Powdery mildew	<i>Erysiphe</i>
Begonia	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Begonia	Stem rot	<i>Fusarium, Rhizoctonia</i>
Birch	Anthracnose	<i>Gloeosporium</i>
Birch	Leaf spot	<i>Septoria</i>
Birch	Powdery mildew	<i>Phyllactinia</i>
Black cherry	Anthracnose	<i>Colletotrichum</i>
Black cherry	Leaf blister	<i>Taphrina</i>
Black cherry	Leaf spot	<i>Cercospora</i>
Black cherry	Powdery mildew	<i>Podosphaera</i>
Black cherry	Rust	<i>Tranzschelia</i>
Bleeding heart	Leaf spot	<i>Cercospora, Colletotrichum</i>
Boston fern	Rust	<i>Desmella</i>
Boston fern	Web blight	<i>Rhizoctonia</i>
Bottlebrush	Gall	<i>Nectriella</i>
Bougainvillea	Leaf spot	<i>Cercospora</i>
Bougainvillea	Root rot	<i>Phytophthora, Pythium</i>
Box elder	Anthracnose	<i>Gloeosporium</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Box elder	Leaf spot	<i>Ascochyta, Cercospora, Septoria</i>
Box elder	Powdery mildew	<i>Microsphaera, Uncinula</i>
Boxwood	Canker	<i>Nectria</i>
Boxwood	Dieback	<i>Colletotrichum theobromicola</i>
Boxwood	Leaf spot	<i>Macrophoma, Phyllosticta</i>
Boxwood	Root and crown rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia</i>
Boxwood	Stem blight	<i>Volutella</i>
Browallia	Root rot	<i>Phytophthora, Pythium</i>
Buckeye	Anthraxnose	<i>Glomerella</i>
Buckeye	Leaf blotch	<i>Phyllosticta</i>
Buckeye	Leaf spot	<i>Cercospora</i>
Buckeye	Powdery mildew	<i>Uncinula</i>
Buckthorn	Leaf spot	<i>Cercospora, Septoria</i>
Buckthorn	Rust	<i>Puccinia</i>
Buffaloberry	Leaf spot	<i>Cylindrosporium</i>
Cactus	Leaf spot	<i>Phoma</i>
Cactus	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Caladium	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Calathea	Root rot	<i>Phytophthora, Pythium</i>
Calceolaria	Root rot	<i>Pythium</i>
Calendula	Leaf spot	<i>Cercospora</i>
Calendula	Powdery mildew	<i>Erysiphe</i>
Calendula	Root rot	<i>Phytophthora, Pythium</i>
Calendula	Rust	<i>Puccinia</i>
Calendula	Stem rot	<i>Rhizoctonia, Sclerotinia</i>
Camellia	Algal leaf spot	<i>Cephaleuros</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Camellia	Flower blight	<i>Ciborinia</i>
Camellia	Gray leaf blight	<i>Pestalotiopsis</i>
Camellia	Leaf gall	<i>Exobasidium</i>
Camellia	Leaf spot	<i>Guignardia, Pestalotia, Macrophoma</i>
Camellia	Petal blight	<i>Botrytis</i>
Camellia	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Camphor-tree	Anthraxnose	<i>Glomerella</i>
Camphor-tree	Leaf spot	<i>Gloeosporium</i>
Camphor-tree	Powdery mildew	<i>Microsphaera</i>
Candytuft	Gray mold	<i>Botrytis</i>
Candytuft	Stem rot	<i>Fusarium, Rhizoctonia</i>
Canna	Rust	<i>Puccinia</i>
Carissa	Root rot	<i>Phytophthora, Pythium</i>
Carnation	Anthraxnose	<i>Colletotrichum</i>
Carnation	Branch rot	<i>Botrytis</i>
Carnation	Damping-off	<i>Pythium</i>
Carnation	Leaf spot	<i>Alternaria, Septoria</i>
Carnation	Powdery mildew	<i>Oidium</i>
Carnation	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Carnation	Rust	<i>Uromyces</i>
Catalpa	Anthraxnose	<i>Gloeosporium</i>
Catalpa	Leaf spot	<i>Cercospora, Phyllosticta</i>
Catalpa	Powdery mildew	<i>Microsphaera, Phyllactinia</i>
<i>Cattleya skinneri</i>	Root rot	<i>Phytophthora, Pythium</i>
Cedar	Cedar-apple rust	<i>Gymnosporangium</i>
Cedar	Leaf spot	<i>Alternaria</i>
Cedar	Needle blight	<i>Cercospora, Phomopsis</i>

Ornamental Plant (<i>Latin name</i>)	Diseases	Pathogen (<i>Genus and/or species</i>)
Cedar	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Celosia	Leaf spot	<i>Alternaria</i>
Celosia	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Ceanothus	Root rot	<i>Phytophthora, Pythium</i>
Chamaedorea	Root rot	<i>Phytophthora, Pythium</i>
Cherry-hawthorn	Leaf spot	<i>Fabraea</i>
Cherry-hawthorn	Rust	<i>Gymnosporangium</i>
Cherry-laurel	Leaf spot	<i>Cercospora, Septoria</i>
Cherry-laurel	Powdery mildew	<i>Podosphaera</i>
Cherry-laurel	Root rot	<i>Phytophthora</i>
Chestnut	Powdery mildew	<i>Microsphaera, Phyllactinia</i>
Chinaberry	Leaf spot	<i>Cercospora</i>
Chinaberry	Powdery mildew	<i>Phyllactinia</i>
Chinese elm	Anthracnose	<i>Colletotrichum</i>
Chinese elm	Leaf spot	<i>Actinopelte, Phyllosticta</i>
Chinese elm	Powdery mildew	<i>Phyllactinia</i>
Chinese elm	Root rot	<i>Armillaria</i>
Chinese evergreen	Powdery mildew	<i>Phyllactinia</i>
Chinese evergreen	Root rot	<i>Phytophthora, Pythium</i>
Chinese forget-me-not	Gray mold	<i>Botrytis</i>
Chinese forget-me-not	Leaf spot	<i>Cercospora</i>
Chinese forget-me-not	Stem rot	<i>Rhizoctonia</i>
Chinese lantern (<i>Abutilon</i>)	Leaf spot	<i>Cercospora, Phyllosticta</i>
Chinese parasol tree	Web blight	<i>Rhizoctonia</i>
Chinese pistachio	Leaf spot	<i>Septoria</i>
Chinese pistachio	Thread blight	<i>Rhizoctonia</i>
Chocolate plant	Leaf spot	<i>Phyllosticta</i>

Ornamental Plant (<i>Latin name</i>)	Diseases	Pathogen (<i>Genus and/or species</i>)
Christmas rose	Flower spot	<i>Botrytis</i>
Chrysanthemum	Anthracnose	<i>Colletotrichum</i>
Chrysanthemum	Bacterial blight	<i>Pectobacterium</i>
Chrysanthemum	Damping-off	<i>Pythium</i>
Chrysanthemum	Gray mold	<i>Botrytis</i>
Chrysanthemum	Leaf spot	<i>Alternaria, Septoria</i>
Chrysanthemum	Powdery mildew	<i>Erysiphe</i>
Chrysanthemum	Ray blight	<i>Ascochyta, Mycosphaerella</i>
Chrysanthemum	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Chrysanthemum	Rust	<i>Puccinia</i>
Chrysanthemum	Wilt	<i>Fusarium</i>
Cineraria	Powdery mildew	<i>Erysiphe</i>
Cineraria	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Cissus	Leaf spot	<i>Cercospora</i>
Cissus	Root rot	<i>Phytophthora, Pythium</i>
Clarkia	Gray mold	<i>Botrytis</i>
Clarkia	Root rot	<i>Rhizoctonia</i>
Clematis	Leaf spot	<i>Ascochyta, Cercospora</i>
Cleome	White mold	<i>Sclerotinia sclerotiorum</i>
Cleyera	Leaf spot	<i>Cercospora</i>
Cockscomb	Leaf spot	<i>Cercospora</i>
Cockscomb	Stem rot	<i>Fusarium, Rhizoctonia</i>
Coleus	Downy mildew	<i>Peronospora</i>
Coleus	Leaf blight	<i>Botrytis</i>
Coleus	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Columbine	Leaf spot	<i>Ascochyta, Septoria</i>
Columbine	Powdery mildew	<i>Erysiphe</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Columbine	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Columbine	Rust	<i>Puccinia</i>
Coneflower	Leaf spot	<i>Cercospora</i>
Coneflower	Witch's broom	<i>Phytoplasma (Aster yellows)</i>
Confederate jasmine	Anthracnose	<i>Colletotrichum</i>
Confederate jasmine	Leaf spot	<i>Cercospora, Corynespora</i>
Confederate jasmine	Root rot	<i>Armillaria</i>
Confederate jasmine	Stem rot	<i>Fusarium, Rhizoctonia</i>
Cordyline	Leaf spot	<i>Cercospora</i>
Coreopsis	Gray mold	<i>Botrytis</i>
Coreopsis	Leaf spot	<i>Cercospora, Phyllosticta, Septoria</i>
Coreopsis	Rust	<i>Coleosporium</i>
Coreopsis	Stem rot	<i>Rhizoctonia</i>
Cornflower	Leaf spot	<i>Cercospora, Septoria</i>
Cornflower	Rust	<i>Puccinia</i>
Cornflower	Root rot	<i>Phytophthora</i>
Cornflower	Stem rot	<i>Rhizoctonia</i>
Cornflower	White mold	<i>Sclerotinia sclerotiorum</i>
Cosmos	Leaf spot	<i>Cercospora</i>
Cosmos	Powdery mildew	<i>Erysiphe</i>
Cosmos	Stem rot	<i>Rhizoctonia</i>
Cotoneaster	Leaf spot	<i>Cercospora, Phyllosticta</i>
Cotoneaster	Root rot	<i>Phytophthora, Pythium</i>
Cottonwood	Leaf blister	<i>Taphrina</i>
Cottonwood	Leaf spot	<i>Cercospora, Septoria</i>
Cottonwood	Powdery mildew	<i>Uncinula</i>
Cottonwood	Rust	<i>Melampsora</i>
Crabapple	Leaf spot	<i>Sphaeropsis</i>
Crabapple	Powdery mildew	<i>Podosphaera</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Crabapple	Rust	<i>Gymnosporangium</i>
Crabapple	Scab	<i>Venturia</i>
Crape myrtle	Bacterial leaf spot	<i>Xanthomonas</i>
Crape myrtle	Leaf spot	<i>Cercospora, Pestalotia, Phyllosticta</i>
Crape myrtle	Powdery mildew	<i>Erysiphe, Phyllactinia</i>
Crape myrtle	Root rot	<i>Armillaria, Phytophthora, Pythium, Rhizoctonia</i>
Crassula	Leaf spot	<i>Cercospora, Phomopsis</i>
Crassula	Powdery mildew	<i>Spaerotheca</i>
Crassula	Root rot	<i>Phytophthora, Pythium</i>
Croton	Root rot	<i>Fusarium, Phytophthora, Rhizoctonia, Thielaviopsis</i>
Crown vetch	Anthracnose	<i>Colletotrichum</i>
Crown vetch	Leaf spot	<i>Cercospora</i>
Cycas or cycad	Root rot	<i>Phytophthora</i>
Cypress	Canker	<i>Seiridium</i>
Cypress	Needle blight	<i>Cercospora</i>
Cypress	Root and crown rot	<i>Armillaria</i>
Cypress	Root rot	<i>Phytophthora</i>
Cypress	Twig blight	<i>Phomopsis</i>
Daffodil	Bulb rot	<i>Fusarium, Penicillium</i>
Daffodil	Leaf scorch	<i>Stagnospora</i>
Daffodil	Root rot	<i>Phytophthora, Rhizoctonia</i>
Dahlia	Blight	<i>Botrytis</i>
Dahlia	Leaf spot	<i>Cercospora</i>
Dahlia	Powdery mildew	<i>Erysiphe</i>
Dahlia	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Daisy	Gray mold	<i>Botrytis</i>
Daisy	Leaf spot	<i>Cercospora, Phyllosticta, Septoria</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Daisy	Powdery mildew	<i>Erysiphe</i>
Daisy	Ray blight	<i>Mycosphaerella</i>
Daisy	Rust	<i>Puccinia</i>
Daisy	Stem Rot	<i>Fusarium, Rhizoctonia, Sclerotinia</i>
Daphne	Leaf spot	<i>Gloeosporium</i>
Daphne	Root rot	<i>Phytophthora, Pythium</i>
Daphne	Stem rot	<i>Sclerotinia</i>
Daylily	Anthraxnose	<i>Colletotrichum</i>
Daylily	Blight	<i>Botrytis</i>
Daylily	Leaf spot	<i>Cercospora, Phomopsis</i>
Daylily	Root and stem rot	<i>Fusarium, Phytophthora, Rhizoctonia</i>
Daylily	Rust	<i>Puccinia</i>
Delphinium	Gray mold	<i>Botrytis</i>
Delphinium	Leaf spot	<i>Ascochyta, Cercospora, Phyllosticta</i>
Delphinium	Powdery mildew	<i>Erysiphe</i>
Delphinium	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Delphinium	Rust	<i>Puccinia</i>
Delphinium	Stem rot	<i>Rhizoctonia, Sclerotinia</i>
Deutzia	Leaf spot	<i>Cercospora</i>
Deutzia	Root rot	<i>Rhizoctonia</i>
Dianthus	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia</i>
Dianthus	Rust	<i>Uromyces</i>
Dieffenbachia	Bacterial stem rot	<i>Erwinia</i>
Dieffenbachia	Leaf spot	<i>Leptosphaeria</i>
Dieffenbachia	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Dogwood	Blight	<i>Cercospora</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Dogwood	Leaf spot	<i>Septoria</i>
Dogwood	Powdery mildew	<i>Microsphaera, Phyllactinia</i>
Dogwood	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Dracaena	Leaf spot	<i>Fusarium</i>
Dracaena	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Duranta skyflower	Leaf spot	<i>Cercospora</i>
Dusty miller	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Dutch iris	Bulb rot	<i>Athelia</i>
Dwarf bamboo	Leaf spot	<i>Corynespora</i>
Dwarf bamboo	Rust	<i>Puccinia</i>
Easter lily	Bulb rot	<i>Fusarium, Penicillium</i>
Easter lily	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Echeveria	Root rot	<i>Phytophthora, Pythium</i>
Elaeagnus	Leaf spot	<i>Cercospora</i>
Elaeagnus	Root rot	<i>Phytophthora</i>
Elaeagnus	Stem canker	<i>Phytophthora</i>
Elaeagnus	Twig dieback	<i>Fusarium</i>
Elaeagnus	Tip blight	<i>Gloeosporium</i>
Elm	Anthraxnose	<i>Gloeosporium</i>
Elm	Bacterial leaf scorch	<i>Xylella fastidiosa</i>
Elm	Leaf spot	<i>Cercospora, Gnomonia</i>
Elm	Powdery mildew	<i>Microsphaera, Phyllactinia, Uncinula</i>
Elm	Root rot	<i>Armillaria, Phytophthora</i>
Euonymus	Anthraxnose	<i>Colletotrichum</i>
Euonymus	Leaf spot	<i>Cercospora, Phyllosticta, Ramularia, Septoria</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Euonymus	Powdery mildew	<i>Microsphaera</i>
Euonymus	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Farkleberry	Leaf spot	<i>Septoria</i>
Fatsia	Anthracnose	<i>Colletotrichum</i>
Fatsia	Leaf spot	<i>Alternaria</i>
Fatsia	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Ferns	Blight	<i>Rhizoctonia</i>
Ferns	Gray mold	<i>Botrytis</i>
Ferns	Leaf spot	<i>Cercospora</i>
Ferns	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Fern (Japanese holly fern)	Mosaic	Japanese holly fern mosaic virus
Festuca	Leaf spot	<i>Ascochyta, Septoria</i>
Festuca	Root rot	<i>Rhizoctonia</i>
Festuca	Rust	<i>Puccinia</i>
Ficus	Leaf spot	<i>Cercospora</i>
Ficus	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Firethorn	Scab	<i>Fusicladium</i>
Fittonia	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Forget-me-not	Gray mold	<i>Botrytis</i>
Forget-me-not	Powdery mildew	<i>Erysiphe</i>
Forget-me-not	Rust	<i>Puccinia</i>
Forsythia	Anthracnose	<i>Gloeosporium</i>
Forsythia	Leaf spot	<i>Alternaria</i>
Forsythia	Root rot	<i>Rhizoctonia</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Four o'clock	Leaf spot	<i>Cercospora</i>
Four o'clock	Rust	<i>Puccinia</i>
Four o'clock	Stem Rot	<i>Rhizoctonia</i>
Foxglove	Leaf spot	<i>Colletotrichm, Phyllosticta</i>
Foxglove	Root rot	<i>Phytophthora, Pythium</i>
Foxglove	Stem Rot	<i>Rhizoctonia</i>
Fringe-tree	Leaf spot	<i>Cercospora, Septoria</i>
Fringe-tree	Powdery mildew	<i>Phyllactinia</i>
Fuchsia	Blight	<i>Botrytis</i>
Fuchsia	Dieback	<i>Phomopsis</i>
Fuchsia	Leaf spot	<i>Septoria</i>
Fuchsia	Rust	<i>Pucciniastrum</i>
Gaillardia	Leaf spot	<i>Septoria</i>
Gaillardia	Powdery mildew	<i>Erysiphe</i>
Gaillardia	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Gardenia	Anthracnose	<i>Colletotrichum</i>
Gardenia	Canker	<i>Phomopsis</i>
Gardenia	Leaf spot	<i>Cercospora</i>
Gardenia	Petal blight	<i>Botrytis</i>
Gardenia	Powdery mildew	<i>Erysiphe</i>
Gardenia	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Geranium	Blight	<i>Botrytis</i>
Geranium	Powdery mildew	<i>Erysiphe</i>
Geranium	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Geranium	Rust	<i>Puccinia</i>
Gerbera	Powdery mildew	<i>Erysiphe</i>
Gerbera	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Ginkgo	Anthraco	<i>Colletotrichum</i>
Gladiolus	Corm rot	<i>Fusarium, Penicillium</i>
Gladiolus	Damping-off	<i>Fusarium, Rhizoctonia</i>
Gladiolus	Flower spot	<i>Botrytis</i>
Gladiolus	Leaf spot	<i>Curvularia, Stemphylium</i>
Gladiolus	Neck dry rot	<i>Athelia</i>
Gloxinia	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Golden dewdrop (<i>Duranta erecta</i>)	Leaf blight	<i>Xanthomonas</i>
Golden rain	Leaf spot	<i>Cercospora</i>
Grapeleaf ivy	Anthraco	<i>Colletotrichum</i>
Grapeleaf ivy	Leaf spot	<i>Cercospora</i>
Grapeleaf ivy	Powdery mildew	<i>Oidium</i>
Gynura	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Gypsophila	Root rot	<i>Phytophthora, Pythium</i>
Hackberry	Leaf spot	<i>Phyllosticta</i>
Hackberry	Powdery mildew	<i>Uncinula</i>
Halesia	Leaf spot	<i>Cercospora</i>
Hawthorne	Fire blight	<i>Erwinia amylovora</i>
Hawthorne	Leaf spot	<i>Fabraea</i>
Hawthorne	Powdery mildew	<i>Phyllactinia, Podosphaera</i>
Hawthorne	Root rot	<i>Rhizoctonia</i>
Hawthorne	Rust	<i>Gymnosporangium</i>
Hawthorne	Scab	<i>Venturia</i>
Hawthorne	Stem canker	<i>Fusarium</i>
Heather	Root rot	<i>Phytophthora, Pythium</i>
Hen and chickens	Leaf spot	<i>Cercospora</i>
Hen and chickens	Root rot	<i>Fusarium, Rhizoctonia</i>
Hibiscus	Anthraco	<i>Colletotrichum</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Hibiscus	Gray mold	<i>Botrytis</i>
Hibiscus	Leaf spot	<i>Cercospora, Phyllosticta</i>
Hibiscus	Powdery mildew	<i>Erysiphe, Microsphaera</i>
Hibiscus	Root rot	<i>Phytophthora, Pythium</i>
Hibiscus	Rust	<i>Kuehneola</i>
Hibiscus	Stem rot	<i>Fusarium, Rhizoctonia, Sclerotinia</i>
Hickory	Anthraco	<i>Gnomonia</i>
Hickory	Leaf spot	<i>Cercospora, Septoria</i>
Hickory	Powdery mildew	<i>Microsphaera</i>
Holly	Leaf spot	<i>Gloeosporium, Phyllosticta</i>
Holly	Powdery mildew	<i>Microsphaera</i>
Holly	Purple spot	<i>Cercospora</i>
Holly	Root rot	<i>Phytophthora, Rhizoctonia</i>
Holly	Stem canker	<i>Botryodiplodia</i>
Holly	Twig dieback	<i>Phoma</i>
Holly	Web blight	<i>Rhizoctonia</i>
Hollyhock	Anthraco	<i>Colletotrichum</i>
Hollyhock	Leaf spot	<i>Asochyta, Cercospora</i>
Hollyhock	Petal blight	<i>Botrytis</i>
Hollyhock	Powdery mildew	<i>Erysiphe</i>
Hollyhock	Rust	<i>Puccinia</i>
Honey locust	Leaf spot	<i>Cercospora</i>
Honey locust	Powdery mildew	<i>Microsphaera</i>
Honeysuckle	Blight	<i>Herpobasidium</i>
Honeysuckle	Leaf spot	<i>Corynespora, Phyllosticta</i>
Honeysuckle	Powdery mildew	<i>Microsphaera</i>
Honeysuckle	Root rot	<i>Phytophthora, Pythium</i>
Hornbeam	Leaf Blister	<i>Taphrina</i>
Hornbeam	Powdery mildew	<i>Microsphaera, Phyllactinia</i>

Ornamental Plant (<i>Latin name</i>)	Diseases	Pathogen (<i>Genus and/or species</i>)
Hosta	Crown rot	<i>Botrytis</i>
Hosta	Leaf spot	<i>Colletotrichum, Phyllosticta</i>
Hosta	Stem rot	<i>Rhizoctonia</i>
Hoya	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Huckleberry	Leaf spot	<i>Phyllosticta</i>
Hyacinth	Black rot	<i>Sclerotinia</i>
Hydrangea	Blight	<i>Botrytis</i>
Hydrangea	Leaf spot	<i>Ascochyta, Cercospora, Colletotrichum, Phyllosticta, Septoria</i>
Hydrangea	Powdery mildew	<i>Erysiphe</i>
Hydrangea	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Hydrangea	Rust	<i>Pucciniastrum</i>
Ilex	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Impatiens	Downy mildew	<i>Plasmopara obducens</i>
Impatiens	Leaf spot	<i>Cercospora, Septoria</i>
Impatiens	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Iris	Anthracnose	<i>Colletotrichum</i>
Iris	Blossom blight	<i>Botrytis</i>
Iris	Bulb rot	<i>Fusarium, Penicillium</i>
Iris	Crown rot	<i>Pellicularia</i>
Iris	Leaf spot	<i>Didymellina</i>
Iris	Root rot	<i>Rhizoctonia</i>
Iris	Rust	<i>Puccinia</i>
Iris, African	Root rot	<i>Phytophthora</i>
Ivy	Bacterial leaf spot	<i>Xanthomonas</i>

Ornamental Plant (<i>Latin name</i>)	Diseases	Pathogen (<i>Genus and/or species</i>)
Ivy	Blight	<i>Colletotrichum</i>
Ivy	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Ivy, Algerian	Root rot	<i>Phytophthora, Pythium</i>
Ivy, English	Gray mold	<i>Botrytis</i>
Ivy, English	Leaf spot	<i>Cercospora, Colletotrichum</i>
Ivy, English	Powdery mildew	<i>Erysiphe</i>
Ivy, English	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Ivy, English	Stem rot	<i>Fusarium, Rhizoctonia</i>
Japanese blueberry	Root rot	<i>Phytophthora</i>
Japanese plum (<i>Prunus</i> sp.)	Anthracnose	<i>Colletotrichum</i>
Japanese plum (<i>Prunus</i> sp.)	Bacterial leaf scorch	<i>Xylella fastidiosa</i>
Japanese plum (<i>Prunus</i> sp.)	Leaf spot	<i>Septoria</i>
Japanese plum (<i>Prunus</i> sp.)	Scab	<i>Fusicladium</i>
Japanese yew	Leaf spot	<i>Cercospora, Phomopsis</i>
Japanese yew	Root rot	<i>Armillaria, Phytophthora</i>
Jasmine	Leaf spot	<i>Colletotrichum</i>
Jasmine	Root rot	<i>Phytophthora</i>
Jasmine	Stem canker	<i>Phoma</i>
Java	Leaf spot	<i>Cercospora, Septoria</i>
Jerusalem cherry	Anthracnose	<i>Colletotrichum</i>
Jerusalem cherry	Leaf spot	<i>Phyllosticta</i>
Jerusalem cherry	Stem rot	<i>Rhizoctonia</i>
Jerusalem thorn	Dieback	<i>Phomopsis</i>
Jerusalem thorn	Leaf spot	<i>Phyllosticta</i>
Jerusalem thorn	Powdery mildew	<i>Erysiphe</i>

Ornamental Plant (<i>Latin name</i>)	Diseases	Pathogen (<i>Genus and/or species</i>)
Jujube	Leaf spot	<i>Cercospora</i>
Jujube	Rust	<i>Phakopsora</i>
Juniper	Blight	<i>Phomopsis</i>
Juniper	Leaf spot	<i>Cercospora</i>
Juniper	Root rot	<i>Armillaria, Phytophthora, Pythium, Rhizoctonia</i>
Juniper	Rust	<i>Gymnosporangium</i>
Justica	Anthracnose	<i>Colletotrichum</i>
Justica	Leaf spot	<i>Cercospora, Corynespora</i>
Kalanchoe	Leaf spot	<i>Cercospora</i>
Kalanchoe	Powdery mildew	<i>Sphaerotheca</i>
Kalanchoe	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Lantana	Leaf spot	<i>Colletotrichum</i>
Lantana	Root rot	<i>Rhizoctonia</i>
Lantana	Rust	<i>Puccinia</i>
Larkspur	Root rot	<i>Phytophthora, Pythium</i>
Larkspur	Stem rot	<i>Rhizoctonia</i>
Lavender	Root rot	<i>Phytophthora</i>
Leatherleaf fern	Blight	<i>Ascochyta, Rhizoctonia</i>
Leatherleaf fern	Leaf spot	<i>Cercospora, Cylindrocladium</i>
Leopard plant	Root rot	<i>Rhizoctonia</i>
Leucothoe	Leaf spot	<i>Cercospora</i>
Leucothoe	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Liatris	Leaf spot	<i>Phyllosticta, Septoria</i>
Liatris	Rust	<i>Coleosporium, Puccinia</i>
Ligularia	Root rot	<i>Rhizoctonia</i>
Ligularia	Stem rot	<i>Rhizoctonia</i>
Ligustrum	Leaf spot	<i>Cercospora</i>

Ornamental Plant (<i>Latin name</i>)	Diseases	Pathogen (<i>Genus and/or species</i>)
Ligustrum	Powdery mildew	<i>Microsphaera</i>
Ligustrum	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Ligustrum	Twig canker	<i>Botryodiplodia</i>
Ligustrum	Web blight	<i>Rhizoctonia</i>
Lily	Blight	<i>Phytophthora</i>
Lily	Gray mold	<i>Botrytis</i>
Lily	Root rot	<i>Rhizoctonia</i>
Linden	Anthracnose	<i>Gloeosporium</i>
Linden	Leaf spot	<i>Cercospora</i>
Lipstick	Leaf spot	<i>Cercospora</i>
Liriope	Anthracnose	<i>Colletotrichum</i>
Liriope	Crown rot	<i>Fusarium</i>
Liriope	Leaf and crown rot	<i>Phytophthora</i>
Liriope	Leaf spot	<i>Cercospora</i>
Liriope	Root rot	<i>Fusarium, Rhizoctonia</i>
Lobelia	Leaf spot	<i>Cercospora, Septoria</i>
Lobelia	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Locust, black	Anthracnose	<i>Colletotrichum</i>
Locust, black	Leaf spot	<i>Cercospora</i>
Locust, black	Powdery mildew	<i>Microsphaera</i>
Loquat	Bacterial leaf scorch	<i>Xylella fastidiosa</i>
Loquat	Fire blight	<i>Erwinia amylovora</i>
Loquat	Root rot	<i>Armillaria</i>
Loquat	Twig dieback	<i>Botryodiplodia</i>
Loropetalum	Bacterial stem gall	<i>Pseudomonas</i>
Loropetalum	Root rot	<i>Armillaria, Phytophthora, Pythium, Rhizoctonia</i>
Lupine	Gray mold	<i>Botrytis</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Lupine	Leaf spot	<i>Cercospora, Ramularia</i>
Lupine	Powdery mildew	<i>Erysiphe</i>
Lupine	Rust	<i>Uromyces</i>
Lupine	Stem rot	<i>Fusarium, Rhizoctonia</i>
Magnolia	Algal leaf spot	<i>Cephaleuros</i>
Magnolia	Leaf spot	<i>Cercospora, Colletotrichum, Gloesporium, Septoria</i>
Magnolia	Spot anthracnose	<i>Elsinoe</i>
Magnolia	Root rot	<i>Armillaria, Phytophthora, Pythium</i>
Magnolia	Tip dieback	<i>Phoma</i>
Mahonia	Leaf spot	<i>Cercospora, Phyllosticta</i>
Maiden Grass	Sheath blight	<i>Sclerotinia</i>
Maple	Anthracnose	<i>Gloeosporium</i>
Maple	Leaf spot	<i>Alternaria, Phyllosticta</i>
Maple	Powdery mildew	<i>Uncinula</i>
Maple	Root rot	<i>Phytophthora, Pythium</i>
Maranta	Root rot	<i>Phytophthora, Pythium</i>
Marigold	Head blight	<i>Botrytis</i>
Marigold	Leaf spot	<i>Ascochyta, Cercospora, Septoria</i>
Marigold	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Marigold	Rust	<i>Puccinia</i>
Marigold	Stem rot	<i>Fusarium, Rhizoctonia</i>
Mimosa	Leaf spot	<i>Cercospora</i>
Mock orange	Blight	<i>Botrytis</i>
Mock orange	Leaf spot	<i>Cercospora</i>
Mock orange	Powdery mildew	<i>Phyllactinia</i>
Mock orange	Rust	<i>Gymnosporangium</i>
Mondo grass (<i>Ophiopogon</i> sp.)	Anthracnose	<i>Colletotrichum</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Mondo grass (<i>Ophiopogon</i> sp.)	Leaf and crown rot	<i>Fusarium, Phytophthora</i>
Mondo grass (<i>Ophiopogon</i> sp.)	Root rot	<i>Rhizoctonia</i>
Morning glory	Leaf spot	<i>Cercospora</i>
Morning glory	Rust	<i>Coleosporium, Puccinia</i>
Mulberry	Bacterial leaf scorch	<i>Xylella fastidiosa</i>
Mulberry	Leaf spot	<i>Cercospora</i>
Mulberry	Powdery mildew	<i>Uncinula</i>
Mulberry	Rust	<i>Cerotelium</i>
Mulberry, French	Leaf spot	<i>Cercospora</i>
Nandina	Anthracnose	<i>Glomerella</i>
Nandina	Bacterial leaf scorch	<i>Xylella fastidiosa</i>
Nandina	Leaf spot	<i>Cercospora</i>
Narcissus	Blight	<i>Botrytis</i>
Narcissus	Root rot	<i>Rhizoctonia</i>
Nasturium	Gray mold	<i>Botrytis</i>
Nasturium	Leaf spot	<i>Cercospora</i>
Nasturium	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Natal plum	Anthracnose	<i>Colletotrichum</i>
Natal plum	Blight	<i>Rhizoctonia</i>
Natal plum	Leaf spot	<i>Phyllosticta</i>
Natal plum	Powdery mildew	<i>Oidium</i>
Nematanthus	Root rot	<i>Phytophthora</i>
Nemesia	Necrotic spot	<i>Impatiens necrotic spot virus</i>
Nephrolepis	Root rot	<i>Phytophthora, Pythium</i>
Nephthytis	Leaf spot	<i>Cephalosporium</i>
Nephthytis	Root rot	<i>Phytophthora, Pythium</i>
Norfolk Island pine	Root rot	<i>Phytophthora, Pythium</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Oak	Anthracnose	<i>Gloeosporium</i>
Oak	Bacterial flux	<i>Bacteria</i>
Oak	Bacterial leaf scorch	<i>Xylella fastidiosa</i>
Oak	Heart rot	<i>Ganoderma, Polyporus</i>
Oak	Leaf blister	<i>Taphrina</i>
Oak	Leaf spot	<i>Actinopelte, Cercospora, Septoria</i>
Oak	Powdery mildew	<i>Erysiphe, Microsphaera, Phyllactinia, Sphaerotheca</i>
Oak	Root rot	<i>Armillaria, Phytophthora</i>
Oak	Rust	<i>Cronartium</i>
Oleander	Anthracnose	<i>Gloeosporium</i>
Oleander	Bacterial leaf scorch	<i>Xylella fastidiosa</i>
Oleander	Leaf spot	<i>Cercospora, Septoria</i>
Oleander	Spot anthracnose	<i>Sphaceloma</i>
Orchid	Black rot	<i>Phytophthora</i>
Orchid	Blossom blight	<i>Botrytis</i>
Orchid	Root rot	<i>Fusarium, Phytophthora, Pythium</i>
Orchid (<i>Phalaenopsis</i> sp.)	Mosaic	<i>Cymbidium mosaic virus</i>
Oregon grape	Leaf spot	<i>Cercospora</i>
Oregon grape	Rust	<i>Puccinia</i>
Osage orange	Gray mold	<i>Botrytis</i>
Osage orange	Leaf spot	<i>Cercospora, Ovularia</i>
Osage orange	Rust	<i>Cerotelium</i>
Osmanthus	Bacterial leaf scorch	<i>Xylella fastidiosa</i>
Osmanthus	Leaf spot	<i>Phyllosticta, Septoria</i>
Oyster plant	Leaf spot	<i>Cercospora, Colletotrichum, Curvularia</i>
Oxalis	Rust	<i>Puccinia</i>
Pachysandra	Blight	<i>Volutella</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Pachysandra	Leaf spot	<i>Phyllosticta</i>
Pachysandra	Stem rot	<i>Rhizoctonia</i>
Palm, Canary Island Date	Rachis blight	<i>Botryodiplodia, Serenomyces</i>
Palm, Canary Island Date	Fusarium wilt	<i>Fusarium oxysporum f. sp. canariensis</i>
Palm, Canary Island Date	Lethal bronzing	<i>Candidatus Phytoplasma palmae 16SrV-D</i>
Palm, Canary Island Date	Lethal yellowing	<i>Candidatus Phytoplasma palmae 16SrV-A</i>
Palm, Date	Heart rot	<i>Ganoderma</i>
Palm, Date	Lethal bronzing	<i>Candidatus Phytoplasma palmae 16SrV-D</i>
Palm, Fan	Bud rot	<i>Phytophthora</i>
Palm, Fan	Lethal bronzing (Mexican fan palm)	<i>Candidatus Phytoplasma palmae 16SrV-D</i>
Palm, Parlor	Leaf spot	<i>Helminthosporium</i>
Palm, Sabal	Heart rot	<i>Ganoderma</i>
Palm, Sabal	Leaf spot	<i>Ascochyta, Phyllosticta</i>
Palm, Sabal	Lethal bronzing	<i>Candidatus Phytoplasma palmae 16SrV-D</i>
Palm, Sabal	Root rot	<i>Rhizoctonia</i>
Palm, Sylvester	Leaf spot	<i>Graphiola</i>
Palm, Sylvester	Lethal yellowing	<i>Candidatus Phytoplasma palmae 16SrV-A</i>
Palm, Washingtonia	Leaf spot	<i>Cercospora, Colletotrichum</i>
Palm, Windmill	Bud or heart rot	<i>Phytophthora</i>
Palm, Chinese Windmill	Lethal bronzing	<i>Candidatus Phytoplasma palmae 16SrV-D</i>
Palm, Chinese Windmill	Lethal yellowing	<i>Candidatus Phytoplasma palmae 16SrV-A</i>
Pansy	Anthracnose	<i>Colletotrichum</i>
Pansy	Blight	<i>Botrytis</i>
Pansy	Downy mildew	<i>Peronospora</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Pansy	Leaf spot	<i>Alternaria, Cercospora, Phyllosticta, Septoria</i>
Pansy	Powdery mildew	<i>Sphaerotheca</i>
Pansy	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Pansy	Rust	<i>Puccinia</i>
Pansy	Stem rot	<i>Rhizoctonia</i>
Partridge berry	Stem rot	<i>Rhizoctonia</i>
Paulownia	Leaf spot	<i>Phyllosticta</i>
Paulownia	Powdery mildew	<i>Phyllactinia, Uncinula</i>
Pawpaw	Leaf spot	<i>Phyllosticta, Septoria</i>
Pearl bush	Fire blight	<i>Erwinia amylovora</i>
Pear, flowering	Bacterial leaf scorch	<i>Xylella fastidiosa</i>
Pear, flowering	Fire blight	<i>Erwinia amylovora</i>
Pear, flowering	Leaf spot	<i>Entomopsporium</i>
Pear, flowering	Powdery mildew	<i>Podosphaera</i>
Pentas	Leaf spot	<i>Cercospora, Corynespora, Phyllosticta</i>
Pentas	Powdery mildew	<i>Oidium</i>
Pentas	Stem rot	<i>Fusarium, Rhizoctonia</i>
Peony	Aerial blight	<i>Phytophthora</i>
Peony	Blossom blight	<i>Botrytis</i>
Peony	Leaf spot	<i>Alternaria</i>
Peperomia	Leaf spot	<i>Cercospora</i>
Peperomia	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Periwinkle	Gray mold	<i>Botrytis</i>
Periwinkle	Leaf spot	<i>Colletotrichum, Phyllosticta</i>
Periwinkle	Root rot	<i>Phytophthora, Rhizoctonia</i>
Periwinkle	Web blight	<i>Rhizoctonia</i>
Persimmon	Anthracoese	<i>Gloeosporium</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Persimmon	Powdery mildew	<i>Podosphaera</i>
Petunia	Aerial blight	<i>Phytophthora</i>
Petunia	Gray mold	<i>Botrytis</i>
Petunia	Leaf spot	<i>Ascochyta, Cercospora</i>
Petunia	Powdery mildew	<i>Oidium</i>
Petunia	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Philodendron	Aerial blight	<i>Phytophthora</i>
Philodendron	Bacterial Leaf spot	<i>Erwinia</i>
Philodendron	Leaf spot	<i>Dactylaria</i>
Philodendron	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Phlox	Anthracoese	<i>Colletotrichum</i>
Phlox	Powdery mildew	<i>Erysiphe</i>
Phlox	Root rot	<i>Phytophthora, Pythium</i>
Phlox	Rust	<i>Puccinia</i>
Phlox	Southern blight	<i>Agroathelia rolfsii</i>
Phlox	Stem Rot	<i>Rhizoctonia</i>
Phlox, perennial	Gray mold	<i>Botrytis</i>
Phlox, perennial	Leaf spot	<i>Cercospora, Septoria</i>
Phlox, perennial	Powdery mildew	<i>Erysiphe</i>
Phlox, perennial	Rust	<i>Puccinia, Uromyces</i>
Phlox, perennial	Stem rot	<i>Rhizoctonia, Sclerotinia</i>
Photinia	Leaf spot	<i>Cercospora, Entomosporium</i>
Photinia	Powdery mildew	<i>Oidium</i>
Photinia	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Photinia	Rust	<i>Gymnosporangium</i>
Photinia	Twig dieback	<i>Botryodiplodia</i>
Pieris	Dieback	<i>Phytophthora</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Pieris	Leaf spot	<i>Phyllosticta</i>
Pieris	Root rot	<i>Phytophthora, Pythium</i>
Pilea	Root rot	<i>Phytophthora, Pythium</i>
Pink	Gray mold	<i>Botrytis</i>
Pink	Leaf spot	<i>Septoria</i>
Pink	Root rot	<i>Phytophthora, Pythium</i>
Pink	Stem rot	<i>Rhizoctonia</i>
Pine	Blight	<i>Lophodermella</i>
Pine	Brown spot	<i>Scirrhia</i>
Pine	Canker	<i>Scleroderis</i>
Pine	Needle cast	<i>Lophodermium</i>
Pine	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Pine	Rust	<i>Cronartium</i>
Pine	Tip blight	<i>Sirococcus</i>
Pine	Wilt	<i>Pine wilt nematode</i>
Pineapple guava	Leaf spot	<i>Cercospora</i>
Pittosporum	Leaf spot	<i>Cercospora, Phyllosticta</i>
Pittosporum	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Plane-tree	Powdery mildew	<i>Microsphaera</i>
Plumbago	Leaf spot	<i>Cercospora</i>
Plumbago	Powdery mildew	<i>Oidium</i>
Podocarpus	Root rot	<i>Phytophthora, Pythium</i>
Poinsettia	Blight	<i>Amphobotrys, Botrytis</i>
Poinsettia	Mosaic virus	Poinsettia mosaic virus
Poinsettia	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Poinsettia	Scab	<i>Sphaceloma</i>
Pomegranate	Anthracnose	<i>Colletotrichum</i>
Pomegranate	Spot anthracnose	<i>Sphaceloma</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Poplar	Leaf spot	<i>Marssonina</i>
Poplar	Powdery mildew	<i>Uncinula</i>
Poplar	Rust	<i>Melampsora</i>
Poppy	Gray mold	<i>Botrytis</i>
Poppy	Leaf spot	<i>Cercospora</i>
Poppy	Stem rot	<i>Rhizoctonia</i>
Portulaca	Root rot	<i>Phytophthora, Pythium</i>
Portulaca	Stem rot	<i>Rhizoctonia</i>
Potentilla	Rust	<i>Phragmidium</i>
Pothos	Leaf spot	<i>Alternaria, Fusarium, Helminthosporium</i>
Pothos	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Prayer plant	Leaf spot	<i>Helminthosporium</i>
Primrose	Blight	<i>Botrytis</i>
Primrose	Root rot	<i>Phytophthora, Pythium</i>
Privet	Leaf spot	<i>Cercospora</i>
Privet	Powdery mildew	<i>Microsphaera</i>
Pyracantha	Fire blight	<i>Erwinia amylovora</i>
Pyracantha	Leaf spot	<i>Fabraea</i>
Pyracantha	Powdery mildew	<i>Podosphaera</i>
Pyracantha	Scab	<i>Venturia</i>
Quince	Leaf spot	<i>Fabraea</i>
Quince	Rust	<i>Gymnosporangium</i>
Redbud	Leaf spot	<i>Cercospora</i>
Rose	Black spot	<i>Diplocarpon</i>
Rose	Blossom blight	<i>Botrytis</i>
Rose	Crown gall	<i>Agrobacterium tumefaciens</i>
Rose	Crown rot	<i>Phytophthora</i>
Rose	Downy mildew	<i>Peronospora sparsa</i>
Rose	Leaf spot	<i>Alternaria, Cercospora</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Rose	Powdery mildew	<i>Sphaerotheca</i>
Rose	Root rot	<i>Armillaria, Phytophthora, Pythium, Rhizoctonia</i>
Rose	Rust	<i>Phragmidium</i>
Rose	Rose rosette disease	<i>Rose rosette virus</i>
Rose	Spot anthracnose	<i>Elsinoe</i>
Rose	Stem canker	<i>Botryodiplodia</i>
Rose	Storage rot	<i>Botrytis</i>
Rose of Sharon	Leaf spot	<i>Cercospora, Cristulariella, Phyllosticta</i>
Rudbeckia	Leaf spot	<i>Cercospora, Septoria</i>
Rudbeckia	Powdery mildew	<i>Erysiphe</i>
Rudbeckia	Rust	<i>Uromyces</i>
Russian olive	Leaf spot	<i>Cercospora</i>
Russian olive	Rust	<i>Puccinia</i>
	Stem canker	<i>Phytophthora</i>
Sage, Texas	Powdery mildew	<i>Oidium</i>
St. John's-wort	Rust	<i>Uromyces</i>
Salvia	Blight	<i>Botrytis</i>
Salvia	Downy mildew	<i>Peronospora</i>
Salvia	Leaf spot	<i>Cercospora</i>
Salvia	Mosaic	<i>Clerodendron golden mosaic China virus Phytophthora, Pythium</i>
Salvia	Root rot	<i>Rhizoctonia</i>
Salvia	Root and stem rot	<i>Puccinia</i>
Salvia	Rust	
Sansevieria	Anthrachnose	<i>Colletotrichum</i>
Sansevieria	Root rot	<i>Phytophthora, Pythium</i>
Santolina	Blight	<i>Rhizoctonia</i>
Sassafras	Leaf spot	<i>Phyllosticta, Septoria</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Sassafras	Laurel wilt	<i>Raffaelea lauricola</i>
Sassafras	Powdery mildew	<i>Phyllactinia</i>
Scabiosa	Leaf spot	<i>Cercospora, Ramularia, Septoria</i>
Scabiosa	Powdery mildew	<i>Erysiphe</i>
Scabiosa	Rust	<i>Puccinia</i>
Schefflera	Anthrachnose	<i>Colletotrichum</i>
Schefflera	Blight	<i>Alternaria</i>
Schefflera	Leaf spot	<i>Cercospora</i>
Schefflera	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Schefflera	Twig blight	<i>Pestalotia, Phomopsis</i>
Sedum	Anthrachnose	<i>Colletotrichum</i>
Sedum	Leaf spot	<i>Cercospora, Corynespora, Phyllosticta, Septoria</i>
Sedum	Powdery mildew	<i>Erysiphe</i>
Sedum	Root rot	<i>Phytophthora, Pythium</i>
Sedum	Stem rot	<i>Fusarium, Rhizoctonia</i>
Seedlings, general	Damping-off	<i>Pythium, Rhizoctonia</i>
Sempervivum	Root rot	<i>Phytophthora, Pythium</i>
Shasta daisy	Root rot	<i>Phytophthora, Pythium</i>
Sinningia	Root rot	<i>Phytophthora, Pythium</i>
Snapdragon	Blight	<i>Botrytis</i>
Snapdragon	Downy mildew	<i>Peronospora</i>
Snapdragon	Leaf spot	<i>Cercospora, Colletotrichum, Phyllosticta</i>
Snapdragon	Powdery mildew	<i>Erysiphe</i>
Snapdragon	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Snapdragon	Rust	<i>Puccinia</i>
Snapdragon	Stem rot	<i>Rhizoctonia</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Snapdragon	White mold	<i>Sclerotinia sclerotiorum</i>
Sourwood	Leaf spot	<i>Cercospora, Phyllosticta</i>
Spathiphyllum	Leaf spot	<i>Alternaria, Colletotrichum</i>
Spathiphyllum	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Spathiphyllum	Stem blight	<i>Rhizoctonia</i>
Spider plant	Downy mildew	<i>Peronospora</i>
Spider plant	Leaf spot	<i>Cercospora</i>
Spiraea	Leaf spot	<i>Cercospora</i>
Spiraea	Powdery mildew	<i>Podosphaera</i>
Star magnolia	Leaf spot	<i>Cercospora, Colletotrichum, Phyllosticta</i>
Statice	Anthrachnose	<i>Colletotrichum</i>
Statice	Leaf blight	<i>Alternaria, Botrytis, Cercospora</i>
Statice	Leaf spot	<i>Alternaria, Botrytis, Fusarium, Helminthosporium</i>
Statice	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Stock	Gray mold	<i>Botrytis</i>
Stock	Leaf spot	<i>Alternaria</i>
Stock	White rust	<i>Albugo</i>
Stokesia	Head blight	<i>Botrytis</i>
Stokesia	Leaf spot	<i>Ascochyta, Cercospora, Phyllosticta</i>
Strawberry geranium	Leaf spot	<i>Cercospora</i>
Strawflower	Downy mildew	<i>Bremia</i>
Stromanthe	Root rot	<i>Phytophthora, Pythium</i>
Sumac	Leaf blister	<i>Taphrina</i>
Sumac	Leaf spot	<i>Cercospora, Septoria</i>
Sumac	Rust	<i>Pileolaria</i>
Sunflower	Downy mildew	<i>Plasmopara</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Sunflower	Leaf and stem blight	<i>Alternariaster helianthi</i>
Sunflower	Leaf spot	<i>Cercospora, Septoria</i>
Sunflower	Powdery mildew	<i>Erysiphe</i>
Sunflower	Rust	<i>Puccinia</i>
Swamp red maple	Root rot	<i>Phytophthora</i>
Sweet gum	Anthrachnose	<i>Gloeosporium</i>
Sweet gum	Leaf spot	<i>Cercospora, Septoria</i>
Sweet olive	Anthrachnose	<i>Colletotrichum</i>
Sweet olive	Bacterial leaf scorch	<i>Xylella fastidiosa</i>
Sweet olive	Root rot	<i>Armillaria, Phytophthora</i>
Sweet pea	Downy mildew	<i>Peronospora</i>
Sweet pea	Gray mold	<i>Botrytis</i>
Sweet pea	Leaf spot	<i>Ascochyta, Colletotrichum, Phyllosticta</i>
Sweet pea	Powdery mildew	<i>Erysiphe, Microsphaera</i>
Sweet pea	Rust	<i>Uromyces</i>
Sweet pea	Stem rot	<i>Rhizoctonia</i>
Sweet william	Leaf spot	<i>Heterosporium</i>
Sycamore	Anthrachnose	<i>Gloeosporium</i>
Sycamore	Leaf spot	<i>Cercospora, Septoria, Tubakia</i>
Sycamore	Root rot	<i>Phytophthora</i>
Syngonium	Leaf spot	<i>Cephalosporium</i>
Syngonium	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>
Tallow	Leaf spot	<i>Phomopsis, Phyllosticta</i>
Tecoma	Root rot	<i>Phytophthora</i>
Titi	Leaf spot	<i>Phyllosticta</i>
Titi	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Tritoma	Anthrachnose	<i>Colletotrichum</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Tuberous begonia	Leaf spot	<i>Cercospora, Phomopsis, Phyllosticta</i>
Tuberous begonia	Powdery mildew	<i>Erysiphe</i>
Tuberous begonia	Rot	<i>Pythium, Rhizoctonia</i>
Tulips	Anthracnose	<i>Gloeosporium</i>
Tulips	Blight	<i>Botrytis</i>
Tulips	Bulb rot	<i>Fusarium, Penicillium</i>
Tulips	Root rot	<i>Rhizoctonia</i>
Tulip poplar	Anthracnose	<i>Colletotrichum</i>
Tulip poplar	Leaf spot	<i>Phyllosticta, Septoria</i>
Tulip poplar	Powdery mildew	<i>Oidium</i>
Tung oil	Anthracnose	<i>Glomerella</i>
Tung oil	Leaf spot	<i>Cercospora, Phyllosticta</i>
Tupelo	Leaf spot	<i>Cercospora, Phyllosticta</i>
Tupelo	Rust	<i>Aplopsora</i>
Turkey ivy	Leaf spot	<i>Ramularia, Septoria</i>
Verbena	Flower blight	<i>Botrytis</i>
Verbena	Leaf spot	<i>Cercospora, Septoria</i>
Verbena	Powdery mildew	<i>Erysiphe</i>
Verbena	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Verbena	Rust	<i>Puccinia</i>
Viburnum	Anthracnose	<i>Colletotrichum</i>
Viburnum	Leaf spot	<i>Cercospora</i>
Viburnum	Powdery mildew	<i>Microsphaera</i>
Viburnum	Root rot	<i>Armillaria</i>
Viburnum	Rust	<i>Puccinia</i>
Viburnum	Stem canker	<i>Botryosphaeria</i>
Vinca	Flower blight	<i>Botrytis</i>
Vinca	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>

Ornamental Plant (Latin name)	Diseases	Pathogen (Genus and/or species)
Vinca	Slime mold	<i>Stemonitis</i>
Vinca	Web blight	<i>Rhizoctonia</i>
Viola	Root rot	<i>Phytophthora</i>
Violet	Downy mildew	<i>Bremiella</i>
Violet	Gray mold	<i>Botrytis</i>
Violet	Leaf spot	<i>Cercospora, Colletotrichum, Phyllosticta</i>
Violet	Powdery mildew	<i>Sphaerotheca</i>
Violet	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Violet	Rust	<i>Puccinia</i>
Violet	Spot anthracnose	<i>Sphaceloma</i>
Violet	Stem rot	<i>Fusarium, Rhizoctonia</i>
Vitex	Leaf spot	<i>Cercospora</i>
Walnut	Leaf spot	<i>Gnomonia</i>
Walnut	Powdery mildew	<i>Microsphaera</i>
Wandering yew	Gray mold	<i>Botrytis</i>
Wandering yew	Leaf spot	<i>Cercospora, Colletotrichum</i>
Wandering yew	Root rot	<i>Fusarium, Phytophthora, Rhizoctonia</i>
Wax myrtle	Leaf spot	<i>Cercospora, Phyllosticta, Septoria</i>
Wax myrtle	Rust	<i>Gymnosporangium</i>
Weeping Willow	Powdery mildew	<i>Uncinula</i>
Weeping Willow	Rust	<i>Melampsora</i>
Weeping Willow	Twig blight	<i>Diplodia</i>
Weeping Willow	Root rot	<i>Armillaria</i>
Weigela	Leaf spot	<i>Cercospora</i>
Witch hazel	Leaf spot	<i>Phyllosticta</i>
Witch hazel	Powdery mildew	<i>Podosphaera</i>
Yarrow	Anthracnose	<i>Colletotrichum</i>

Ornamental Plant (<i>Latin name</i>)	Diseases	Pathogen (<i>Genus and/or species</i>)
Yarrow	Powdery mildew	<i>Erysiphe</i>
Yarrow	Root rot	<i>Rhizoctonia</i>
Yarrow	Rust	<i>Puccinia</i>
Yaupon	Anthracnose	<i>Colletotrichum</i>
Yaupon	Leaf spot	<i>Diplodia, Macrophoma, Phyllosticta</i>
Yew	Root rot	<i>Armillaria, Phytophthora, Pythium</i>
Yew	Twig blight	<i>Physalospora</i>
Yucca	Anthracnose	<i>Colletotrichum</i>
Zinnia	Bacterial leaf spot	<i>Xanthomonas</i>
Zinnia	Blight	<i>Botrytis</i>
Zinnia	Leaf blight	<i>Alternaria</i>
Zinnia	Leaf spot	<i>Cercospora</i>
Zinnia	Powdery mildew	<i>Erysiphe</i>
Zinnia	Root rot	<i>Phytophthora, Pythium, Rhizoctonia</i>
Zinnia	Stem rot	<i>Fusarium, Rhizoctonia, Sclerotinia</i>
Zygocactus	Root rot	<i>Fusarium, Phytophthora, Pythium, Rhizoctonia, Thielaviopsis</i>

Table 2. Diseases of ornamentals and fungicides and bactericides for disease management.

Disease	Fungicides and Bactericides
Aerial blight (<i>Phytophthora</i>)	ametoctradin + dimethomorph
Aerial blight (<i>Phytophthora</i>)	aluminum tris
Aerial blight (<i>Phytophthora</i>)	azoxystrobin
Aerial blight (<i>Phytophthora</i>)	boscalid + pyraclostrobin
Aerial blight (<i>Phytophthora</i>)	chlorothalonil
Aerial blight (<i>Phytophthora</i>)	copper hydroxide
Aerial blight (<i>Phytophthora</i>)	cyazofamid
Aerial blight (<i>Phytophthora</i>)	dimethomorph
Aerial blight (<i>Phytophthora</i>)	maneb
Aerial blight (<i>Phytophthora</i>)	mancozeb
Aerial blight (<i>Phytophthora</i>)	phosphite
Aerial blight (<i>Phytophthora</i>)	trifloxystrobin
Aerial blight (<i>Rhizoctonia</i>)	chlorothalonil
Aerial blight (<i>Rhizoctonia</i>)	fludioxonil
Aerial blight (<i>Rhizoctonia</i>)	flutolanil
Aerial blight (<i>Rhizoctonia</i>)	iprodione
Aerial blight (<i>Rhizoctonia</i>)	mancozeb
Aerial blight (<i>Rhizoctonia</i>)	mclobutanil
Aerial blight (<i>Rhizoctonia</i>)	propiconazole
Aerial blight (<i>Rhizoctonia</i>)	triflumizole
Algal leaf spot (<i>Cephaleurus</i>)	copper hydroxide
Algal leaf spot (<i>Cephaleurus</i>)	copper sulfate
Anthracnose	azoxystrobin
Anthracnose	boscalid + pyraclostrobin
Anthracnose	chlorothalonil
Anthracnose	copper hydroxide
Anthracnose	copper sulfate
Anthracnose	kresoxim-methyl
Anthracnose	mancozeb

Disease	Fungicides and Bactericides
Anthracnose	maneb
Anthracnose	metconazole
Anthracnose	myclobutanil
Anthracnose	propiconazole
Anthracnose	thiophanate-methyl
Anthracnose	trifloxystrobin
Anthracnose	triticonazole
Bacterial blight	aluminum tris (suppression only)
Bacterial blight	copper hydroxide
Bacterial blight	copper sulfate
Bacterial blight	phosphite (suppression only)
Bacterial leaf rot	streptomycin sulfate
Bacterial leaf spot	copper hydroxide
Bacterial leaf spot	copper sulfate
Bacterial stem rot	streptomycin sulfate
Bacterial wilt	streptomycin sulfate
Black root rot	fludioxonil
Black root rot	thiophanate-methyl
Black root rot	trifloxystrobin
Black root rot	triflumizole
Black rot (<i>Sclerotinia</i>)	PCNB
Black spot	captan
Black spot	chlorothalonil
Black spot	copper hydroxide
Black spot	kresoxim-methyl
Black spot	mancozeb
Black spot	maneb
Black spot	propiconazole
Black spot	thiophanate-methyl

Disease	Fungicides and Bactericides
Black spot	trifloxystrobin
Blossom blight	see flower blight
Botrytis blight	azoxystrobin
Botrytis blight	boscalid + pyraclostrobin
Botrytis blight	captan
Botrytis blight	chlorothalonil
Botrytis blight	copper hydroxide
Botrytis blight	copper sulfate
Botrytis blight	fenhexamid
Botrytis blight	fludioxonil
Botrytis blight	iprodione
Botrytis blight	mancozeb
Botrytis blight	maneb
Botrytis blight	metconazole
Botrytis blight	thiophanate-methyl
Botrytis blight	trifloxystrobin
Botrytis blight	triflumizole
Brown spot	mancozeb
Brown spot	propiconazole
Bulb rot	boscalid + pyraclostrobin
Bulb rot	captan
Bulb rot	iprodione
Bulb rot	PCNB
Bulb rot	thiophanate-methyl
Canker	chlorothalonil
Canker	mancozeb
Canker	thiophanate-methyl
Conifer blights	azoxystrobin
Conifer blights	copper sulfate
Conifer blights	mancozeb
Conifer blights	thiophanate-methyl

Disease	Fungicides and Bactericides
Corm rot	see bulb rot
Crown gall	No effective bactericides are available for crown gall management
Crown rot or canker (<i>Cylindrocladium</i> and other fungi)	boscalid + pyraclostrobin
Crown rot or canker (<i>Cylindrocladium</i> and other fungi)	fludioxonil
Crown rot or canker (<i>Cylindrocladium</i> and other fungi)	mancozeb
Crown rot or canker (<i>Cylindrocladium</i> and other fungi)	thiophanate-methyl
Crown rot or canker (<i>Cylindrocladium</i> and other fungi)	trifloxystrobin
Crown rot or canker (<i>Cylindrocladium</i> and other fungi)	triflumizole
Crown rot (<i>Phytophthora</i>)	aluminum tris
Crown rot (<i>Phytophthora</i>)	boscalid + pyraclostrobin
Crown rot (<i>Phytophthora</i>)	cyazofamid
Crown rot (<i>Phytophthora</i>)	dimethomorph
Crown rot (<i>Phytophthora</i>)	etridiazole
Crown rot (<i>Phytophthora</i>)	phosphite
Damping-off (<i>Pythium</i>)	boscalid + pyraclostrobin
Damping-off (<i>Pythium</i>)	captan
Damping-off (<i>Pythium</i>)	cyazofamid
Damping-off (<i>Pythium</i>)	etridiazole
Damping-off (<i>Pythium</i>)	mefenoxam
Damping-off (<i>Pythium</i>)	propamocarb hydrochloride
Damping-off (<i>Rhizoctonia</i>)	boscalid + pyraclostrobin
Damping-off (<i>Rhizoctonia</i>)	captan
Damping-off (<i>Rhizoctonia</i>)	flutolanil
Damping-off (<i>Rhizoctonia</i>)	PCNB
Damping-off (<i>Rhizoctonia</i>)	metconazole
Dieback	copper hydroxide

Disease	Fungicides and Bactericides
Dieback	copper sulfate
Dieback	thiophanate-methyl
Downy mildew	ametoctradin + dimethomorph
Downy mildew	aluminum tris
Downy mildew	azoxystrobin
Downy mildew	boscalid + pyraclostrobin
Downy mildew	copper hydroxide
Downy mildew	copper sulfate
Downy mildew	cyazofamid
Downy mildew	dimethomorph
Downy mildew	fluopicolide
Downy mildew	kresoxim-methyl
Downy mildew	mancozeb
Downy mildew	mandipropamid
Downy mildew	phosphite
Downy mildew	trifloxystrobin
Fire blight	aluminum tris (suppression only)
Fire blight	copper hydroxide
Fire blight	copper sulfate
Fire blight	phosphite (suppression only)
Flower blight	captan
Flower blight	chlorothalonil
Flower blight	iprodione
Flower blight	mancozeb
Flower blight	myclobutanil
Flower blight	PCNB
Flower blight	propiconazole
Flower blight	thiophanate-methyl
Flower blight	triadimefon
Flower spot	chlorothalonil
Fusarium wilt	triflumizole

Disease	Fungicides and Bactericides
Gray mold	see Botrytis blight
Head blight	propiconazole
Leaf blight	chlorothalonil
Leaf blight	copper hydroxide
Leaf blight	fludioxonil
Leaf blight	iprodione
Leaf blight	mancozeb
Leaf blight	maneb
Leaf blight	metconazole
Leaf blight	propiconazole
Leaf blight	thiophanate-methyl
Leaf blight	triadimefon
Leaf blister	chlorothalonil
Leaf blister	copper sulfate
Leaf blister	mancozeb
Leaf curl	see leaf blister
Leaf gall	boscalid + pyraclostrobin
Leaf gall	triadimefon
Leaf spot	azoxystrobin
Leaf spot	boscalid + pyraclostrobin
Leaf spot	captan
Leaf spot	chlorothalonil
Leaf spot	copper hydroxide
Leaf spot	copper sulfate
Leaf spot	fludioxonil
Leaf spot	iprodione
Leaf spot	kresoxim-methyl
Leaf spot	mancozeb
Leaf spot	maneb
Leaf spot	metconazole
Leaf spot	myclobutanil

Disease	Fungicides and Bactericides
Leaf spot	propiconazole
Leaf spot	thiophanate-methyl
Leaf spot	triadimefon
Leaf spot	trifloxystrobin
Leaf spot	triflumizole
Needle blight	copper sulfate
Needle cast	copper sulfate
Needle cast	mancozeb
Needle rust	azoxystrobin
Needle rust	myclobutanil
Petal blight	see flower blight
Petiole rot (<i>Myrothecium</i>)	fludioxonil
Petiole rot (<i>Myrothecium</i>)	trifloxystrobin
Petiole rot (<i>Myrothecium</i>)	triflumizole
Powdery mildew	azoxystrobin
Powdery mildew	boscalid + pyraclostrobin
Powdery mildew	calcium polysulfide
Powdery mildew	chlorothalonil
Powdery mildew	copper hydroxide
Powdery mildew	copper oleate
Powdery mildew	copper sulfate
Powdery mildew	fenarimol
Powdery mildew	kresoxim-methyl
Powdery mildew	metconazole
Powdery mildew	myclobutanil
Powdery mildew	piperalin
Powdery mildew	propiconazole
Powdery mildew	sulfur
Powdery mildew	thiophanate-methyl
Powdery mildew	triadimefon
Powdery mildew	trifloxystrobin

Disease	Fungicides and Bactericides
Powdery mildew	triflumizole
Powdery mildew	triforine
Powdery mildew	triticonazole
Purple spot	mancozeb
Ray blight (<i>Ascochyta</i> blight)	chlorothalonil
Ray blight (<i>Ascochyta</i> blight)	iprodione
Ray blight (<i>Ascochyta</i> blight)	mancozeb
Ray blight (<i>Ascochyta</i> blight)	maneb
Ray blight (<i>Ascochyta</i> blight)	myclobutanil
Ray blight (<i>Ascochyta</i> blight)	propiconazole
Ray blight (<i>Ascochyta</i> blight)	thiophanate-methyl
Rhizome rot	see bulb rot
Root rot (<i>Phytophthora</i> , <i>Pythium</i>)	ametoctradin + dimethomorph (for <i>Phytophthora</i> only)
Root rot (<i>Phytophthora</i> , <i>Pythium</i>)	aluminum tris
Root rot (<i>Phytophthora</i> , <i>Pythium</i>)	boscalid + pyraclostrobin
Root rot (<i>Phytophthora</i> , <i>Pythium</i>)	cyazofamid
Root rot (<i>Phytophthora</i> , <i>Pythium</i>)	dimethomorph
Root rot (<i>Phytophthora</i> , <i>Pythium</i>)	etridiazole
Root rot (<i>Phytophthora</i> , <i>Pythium</i>)	fluopicolide
Root rot (<i>Phytophthora</i> , <i>Pythium</i>)	mefenoxam
Root rot (<i>Phytophthora</i> , <i>Pythium</i>)	phosphite
Root rot (<i>Phytophthora</i> , <i>Pythium</i>)	propamocarb hydrochloride
Root rot (<i>Phytophthora</i> , <i>Pythium</i>)	trifloxystrobin
Root rot (<i>Cylindrocladium</i> , <i>Fusarium</i> , <i>Rhizoctonia</i> , <i>Thielaviopsis</i> , etc.)	azoxystrobin
Root rot (<i>Cylindrocladium</i> , <i>Fusarium</i> , <i>Rhizoctonia</i> , <i>Thielaviopsis</i> , etc.)	fludioxonil
Root rot (<i>Cylindrocladium</i> , <i>Fusarium</i> , <i>Rhizoctonia</i> , <i>Thielaviopsis</i> , etc.)	flutolanil
Root rot (<i>Cylindrocladium</i> , <i>Fusarium</i> , <i>Rhizoctonia</i> , <i>Thielaviopsis</i> , etc.)	iprodione

Disease	Fungicides and Bactericides
Root rot (<i>Cylindrocladium, Fusarium, Rhizoctonia, Thielaviopsis, etc.</i>)	PCNB
Root rot (<i>Cylindrocladium, Fusarium, Rhizoctonia, Thielaviopsis, etc.</i>)	thiophanate-methyl
Root rot (<i>Cylindrocladium, Fusarium, Rhizoctonia, Thielaviopsis, etc.</i>)	trifloxystrobin
Root rot (<i>Cylindrocladium, Fusarium, Rhizoctonia, Thielaviopsis, etc.</i>)	triflumizole
Rust	azoxystrobin
Rust	boscalid + pyraclostrobin
Rust	calcium polysulfide
Rust	captan
Rust	chlorothalonil
Rust	copper sulfate
Rust	fenarimol
Rust	flutolanil
Rust	kresoxim-methyl
Rust	mancozeb
Rust	maneb
Rust	metconazole
Rust	myclobutanil
Rust	propiconazole
Rust	sulfur
Rust	triadimefon
Rust	trifloxystrobin
Rust	triflumizole
Rust	triforine
Scab	azoxystrobin
Scab	boscalid + pyraclostrobin
Scab	chlorothalonil
Scab	copper hydroxide
Scab	copper sulfate

Disease	Fungicides and Bactericides
Scab	fenarimol
Scab	kresoxim-methyl
Scab	mancozeb
Scab	metconazole
Scab	myclobutanil
Scab	propiconazole
Scab	thiophanate-methyl
Scab	trifloxystrobin
Scab	triflumizole
Scab	triticonazole
Shoot blight (<i>Phytophthora</i>)	see aerial blight caused by <i>Phytophthora</i> spp.
Southern blight	azoxystrobin
Southern blight	fludioxonil
Southern blight	flutolanil
Stem rot (<i>Phytophthora</i>)	aluminum-tris
Stem rot (<i>Phytophthora</i>)	dimethomorph
Stem rot (<i>Phytophthora</i>)	etridiazole
Stem rot (<i>Phytophthora</i>)	mefenoxam
Stem rot (<i>Phytophthora</i>)	phosphite
Stem rot (fungal)	fludioxonil
Stem rot (fungal)	iprodione
Stem rot (fungal)	maneb
Stem rot (fungal)	PCNB
Stem rot (fungal)	thiophanate-methyl
Stem rot (fungal)	trifloxystrobin
Stem rot (fungal)	triticonazole
Storage rot	lprodione
Thread blight	see aerial blight caused by <i>Rhizoctonia</i> spp.
Tip blight	myclobutanil
Tip blight	propiconazole

Disease	Fungicides and Bactericides
Tip blight	thiophanate-methyl
Tip blight	triadimefon
Tuber rot	see bulb rot
Twig blight	chlorothalonil
Twig blight	copper hydroxide
Twig blight	copper sulfate
Twig blight	myclobutanil
Twig blight	thiophanate-methyl
Twig dieback	copper sulfate
Twig dieback	thiophanate-methyl
Web blight	see aerial blight caused by <i>Rhizoctonia</i> spp.
White rust	myclobutanil
Wilt (<i>Cylindrocladium</i>)	iprodione
Wilt (<i>Cylindrocladium</i>)	triflumizole

Table 3. Recommended pesticides, rates and pesticide use restrictions for ornamentals.

Common Name	FRAC Code ¹	Trade Names ²	REI (hr) ³	Comments
aluminum tris (or fosetyl-al)	33	Aliette WDG	12	Not compatible with copper-containing fungicides (do not apply within 7 days of each other).
aluminum tris (or fosetyl-al)	33	Fosal Select	12	Not compatible with copper-containing fungicides (do not apply within 7 days of each other).
azoxystrobin	11	Heritage	4	Make no more than 3 sequential applications: no more than 8 applications or 10 pounds per crop acre per year.
azoxystrobin	11	Heritage G	4	Make no more than 3 sequential applications: no more than 8 applications or 10 pounds per crop acre per year.
azoxystrobin	11	Heritage TL	4	Make no more than 3 sequential applications: no more than 8 applications or 10 pounds per crop acre per year.
captan	M4	Captan 50WP	96	NA
captan	M4	Captan 80WDG	96	NA
captan	M4	Captec 4L	96	NA
chlorothalonil	M5	AllPro Exotherm Termil	12	NA
chlorothalonil	M5	Chlorostar DF	12	NA
chlorothalonil	M5	Chlorostar VI	12	NA
chlorothalonil	M5	Chlorothalonil 720F	12	NA
chlorothalonil	M5	Countdown LandG	12	NA
chlorothalonil	M5	Daconil Ultrex	12	NA
chlorothalonil	M5	Daconil Weather Stik	12	NA
chlorothalonil	M5	Daconil Zn	12	NA
chlorothalonil	M5	Echo 720 Turf and Ornamental	12	NA
chlorothalonil	M5	Echo Ultimate Turf and Ornamental	12	NA
chlorothalonil	M5	Ensign 720	12	NA
chlorothalonil	M5	Ensign 82.5% Turf and Ornamental	12	NA
chlorothalonil	M5	Initiate 720	12	NA
chlorothalonil	M5	Mainsail 6.0F	12	NA
chlorothalonil	M5	Mainsail WDG	12	NA
chlorothalonil	M5	Manicure 6 Flowable Turf and Ornamental	12	NA

Common Name	FRAC Code ¹	Trade Names ²	REI (hr) ³	Comments
chlorothalonil	M5	Manicure Ultrex Turf and Ornamental	12	NA
chlorothalonil	M5	Quali-Pro Chlorothalonil 500ZN	12	NA
chlorothalonil	M5	Quali-Pro Chlorothalonil DF	12	NA
chlorothalonil	M5	Quali-Pro Chlorothalonil 700 SFT	12	NA
copper hydroxide	M1	Badge SC	24	Should not be applied in a spray solution with a pH of less than 6.5.
copper hydroxide	M1	Champ DP	24	Should not be applied in a spray solution with a pH of less than 6.5.
copper hydroxide	M1	Kocide 3000	24	Should not be applied in a spray solution with a pH of less than 6.5.
cyazofamid	21	Segway	12	For control of <i>Phytophthora</i> , <i>Pythium</i> and downy mildews (see label); no more than 2 soil applications or 4 foliar applications per crop cycle.
dimethomorph	40	Stature SC	12	For control of downy mildews, aerial <i>Phytophthora</i> and <i>Phytophthora</i> root, crown and stem rots; no more than 2 sequential applications; no more than 8 applications per crop (greenhouse) or 30.6 fluid ounces per acre per year (outdoors); not for landscape use.
etridiazole	14	Terrazole 35WP	12	For control of <i>Pythium</i> and <i>Phytophthora</i> only.
etridiazole	14	Terrazole L	12	For control of <i>Pythium</i> and <i>Phytophthora</i> only.
etridiazole	14	Truban 25EC	12	For control of <i>Pythium</i> and <i>Phytophthora</i> only.
fenarimol	3	Rubigan A.S.	12	For control of powdery mildew.
fenhexamid	17	Decree 50WDG	12	For <i>Botrytis</i> only; no more than 2 sequential applications; use no more than 6 pounds per acre per season (outdoors) or 2.2 ounces per crop cycle (greenhouse).
fludioxonil	12	Medallion	12	Use no more than 80 pounds per year or crop (indoor), 4 pounds per acre per year (outdoor, field-grown) or 8 pounds per acre per year (outdoor, container-grown); Mozart for use in greenhouses only.
fludioxonil	12	Mozart TR	12	Use no more than 80 pounds per year or crop (indoor), 4 pounds per acre per year (outdoor, field-grown) or 8 pounds per acre per year (outdoor, container-grown); Mozart for use in greenhouses only.
fluopicolide	43	Adorn	12	For downy mildew, <i>Phytophthora</i> and <i>Pythium</i> diseases; no more than 2 sequential applications per year. See label for additional restrictions.

Common Name	FRAC Code ¹	Trade Names ²	REI (hr) ³	Comments
flutolanil	7	Contrast 70WSP	12	For diseases caused by Basidiomycetes; not for use in the landscape; no more than 4 applications per year.
flutolanil	7	ProStar 70WDG	12	For diseases caused by Basidiomycetes; not for use in the landscape; no more than 4 applications per year.
flutolanil	7	ProStar 70WP	12	For diseases caused by Basidiomycetes; not for use in the landscape; no more than 4 applications per year.
imazalil	3	Fungaflor TR	24	For use in greenhouses only.
iprodione	2	26GT	12	Not for residential use.
iprodione	2	Chipco 26019	12	Not for residential use.
iprodione	2	Chipco 26019 Flo	12	Not for residential use.
iprodione	2	Chipco 26019 N/G	12	Not for residential use.
iprodione	2	Iprodione Pro 2SE	12	Not for residential use.
iprodione	2	Iprodione SPC	12	Not for residential use.
iprodione	2	OHP 26 GT-O	12	Not for residential use.
kresoxim-methyl	11	Cygnus	12	Not for use in residential landscapes; no more than 2 sequential applications; no more than 6 applications per season (outdoors) or 8 applications or 25.6 ounces per acre per year (greenhouse).
mancozeb	M3	Dithane 75DF Rainshield	24	NA
mancozeb	M3	Fore 80WP Rainshield	24	NA
mancozeb	M3	Penncozeb (4F, 70DF, 80WP)	24	NA
mancozeb	M3	Protect DF	24	NA
mandipropamid	40	Micora	4	For both greenhouse and outdoor grown ornamentals; for control of downy mildew and <i>Phytophthora</i> diseases; no more than 2 sequential applications per year.
maneb	M3	Maneb 75DF	24	No longer being manufactured, but supplies may be available.
maneb	M3	Maneb 80WP	24	No longer being manufactured, but supplies may be available.
mefenoxam	4	Fenox ME	0	For control of <i>Pythium</i> and <i>Phytophthora</i> by soil application only; not for landscape use.

Common Name	FRAC Code ¹	Trade Names ²	REI (hr) ³	Comments
mefenoxam	4	Mefenoxam 2AQ	0	For control of <i>Pythium</i> and <i>Phytophthora</i> by soil application only; not for landscape use.
mefenoxam	4	Subdue GR	0	For control of <i>Pythium</i> and <i>Phytophthora</i> by soil application only; not for landscape use.
mefenoxam	4	Subdue Maxx	0	For control of <i>Pythium</i> and <i>Phytophthora</i> by soil application only; Subdue Maxx can be used in commercial and residential landscapes.
mefenoxam	4	Subdue WSP	0	For control of <i>Pythium</i> and <i>Phytophthora</i> by soil application only; not for landscape use.
metconazole	3	Tourney	0	Use no more than 4 lb per acre per year; not for greenhouse use.
myclobutanil	3	Eagle 20EW	24	NA
myclobutanil	3	Eagle 40WP	24	NA
myclobutanil	3	Eagle WSP	24	NA
myclobutanil	3	Hoist	24	NA
myclobutanil	3	Myclobutanil 20EW Turf and Ornamental	24	NA
pentachloronitro-benzene (PCNB)	14	Glacier (10G and 4F)	12	For soil application.
pentachloronitro-benzene (PCNB)	14	Parflo 4F	12	For soil application.
pentachloronitro-benzene (PCNB)	14	Turfcide 10% Granular	12	For soil application.
phosphites, various salts	33	Agri-fos	4	NA
phosphites, various salts	33	Alude	4	NA
phosphites, various salts	33	Fosphite	4	NA
phosphites, various salts	33	Fungi-Phite Turf and Ornamental	4	NA
phosphites, various salts	33	Primera Magellan	4	NA
phosphites, various salts	33	Rampart Turf and Ornamental	4	NA
phosphites, various salts	33	Vital	4	NA
piperalin	5	Pipron	12	For control of powdery mildew only; for use only in commercial greenhouses or other structures with impermeable roofs.
propamocarb hydrochloride	28	Banol	24	For control of <i>Pythium</i> and <i>Phytophthora</i> ; not for use in landscapes.
propamocarb hydrochloride	28	Proplant	24	For control of <i>Pythium</i> and <i>Phytophthora</i> ; not for use in landscapes.

Common Name	FRAC Code ¹	Trade Names ²	REI (hr) ³	Comments
propiconazole	3	Banner 1.1EC	24	Not for use in greenhouses; no more than 5.4 gallons per acre per crop per year (outdoors).
propiconazole	3	Banner MAXX	24	NA
propiconazole	3	Banner Pro	24	NA
propiconazole	3	Dorado	24	NA
propiconazole	3	Fathom 14.3MEC	24	NA
propiconazole	3	Fitness	24	NA
propiconazole	3	Honor Guard PPZ	24	NA
propiconazole	3	ProPensity 1.3ME	24	NA
propiconazole	3	Propiconazole E-Pro 14.3 MEC	24	NA
propiconazole	3	Propiconazole G-Pro	24	NA
propiconazole	3	Propiconazole EC	24	NA
propiconazole	3	Propiconazole 14.3	24	NA
propiconazole	3	Propimax EC	24	NA
propiconazole	3	Propi-Star EC	24	NA
propiconazole	3	Savvi	24	NA
propiconazole	3	Strider	24	NA
thiophanate-methyl	1	3336 (DG, F, GC and WP)	12	NA
thiophanate-methyl	1	Allban (50WSB and Flo)	12	NA
thiophanate-methyl	1	Cavalier (50WSB and F)	12	NA
thiophanate-methyl	1	Fungo (50WSB and Flo)	12	NA
thiophanate-methyl	1	OHP 6672 (4.5L and 50W)	12	NA
thiophanate-methyl	1	Quali-Pro TM (4.5 and 85WDG)	12	NA
thiophanate-methyl	1	SysTec 1998	12	NA
thiophanate-methyl	1	Tee-Off 4.5F	12	NA
thiophanate-methyl	1	T-Methyl E-Pro (4.5F, 50 WSB, GC and Granular)	12	NA
thiophanate-methyl	1	Transom (4.5F and 50WSB)	12	NA
thiophanate-methyl	1	T-Storm	12	NA
triadimefon	3	Bayleton 50 Turf and Ornamental Fungicide	12	NA

Common Name	FRAC Code ¹	Trade Names ²	REI (hr) ³	Comments
triadimefon	4	Bayleton Flo	12	NA
triadimefon	5	Strike 50WDG	12	NA
trifloxystrobin	11	Compass	12	No more than two sequential applications (one for powdery mildew); no more than 34.5 ounces per acre per year (outdoors) or 120 ounces per acre per year (indoors).
trifloxystrobin	12	Compass O 50WDG	12	No more than two sequential applications (one for powdery mildew); no more than 34.5 ounces per acre per year (outdoors) or 120 ounces per acre per year (indoors).
triflumizole	3	Terraguard SC	12	SC formulation is for nursery use only. SC/LS formulation is for landscape use only.
triflumizole	3	Terraguard SC/LS	12	SC formulation is for nursery use only. SC/LS formulation is for landscape use only.
triticonazole	3	Trinity TR	12	No more than two sequential applications; no more than 216 fl oz per acre.
ziram	M3	Ziram 76DF	48	NA
ametoctradin + dimethomorph	45, 40	Orvego	12	No more than 56 fl oz per acre per crop per year for outdoor use; no more than 4 applications per crop per growing season.
boscalid + pyraclostrobin	7, 11	Pageant	12	No more than 7.3 pounds per acre per year.
chlorothalonil + propiconazole	M5, 3	Concert	12	NA
chlorothalonil + thiophanate-methyl	M5, 1	ConSyst	12	NA
chlorothalonil + thiophanate-methyl	M5, 2	Prominence	12	NA
chlorothalonil + thiophanate-methyl	M5, 3	Spectro 90	12	NA
copper hydroxide + mancozeb	M1, M3	Junction	24	NA
cyprodinil + fludioxonil	9, 12	Palladium	12	Not for use on residential plantings.
etr Diazole + thiophanate-methyl	14, 1	Banrot 8G	12	NA
etr Diazole + thiophanate-methyl	14, 2	Banrot 40WP	12	NA
fludioxonil + mfenoxam	12, 4	Hurricane WDG	48	Not for use in landscapes or field plantings.
flutolanil + thiophanate-methyl	7, 1	SysStar WDG	12	Not for use in landscapes.
iprodione + thiophanate-methyl	2, 1	26/36	12	Not for residential use.
mancozeb + myclobutanil	M3, 3	Clevis	24	NA
mancozeb + thiophanate-methyl	M3, 1	Zyban	24	NA

Common Name	FRAC Code ¹	Trade Names ²	REI (hr) ³	Comments
propamocarb hydrochloride + fluopicolide	28, 43	Stellar	12	For control of downy mildews, <i>Phytophthora</i> and <i>Pythium</i> .
triadimefon + trifloxystrobin	3, 11	Armada 50WDG	12	For interior and landscape use only.
triadimefon + trifloxystrobin	3, 12	Armada 50WP	13	For interior and landscape use only.

¹ Mode of action groups are determined by the Fungicide Resistance Action Committee (FRAC).

² Reference to commercial or trade names is made with the understanding that no discrimination or endorsement of a particular product is implied by LSU or the LSU AgCenter.

³ Re-entry interval.

The ornamentals section was revised October 2023 by Boyd Padgett.