

**WSU-Puyallup Plant Clinic
1999 Host- Pathogen Index**

Shrubs & Vines - Fungal Diseases			
<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Daphne buckwoodii</i>	Daphne	Black root rot	<i>Thielaviopsis basicola</i>
<i>Buxus sempervirens</i>	Boxwood	Phytophthora root rot	<i>Phytophthora</i> sp.
	Boxwood (Winter Gem?)	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Ceanothus</i> sp.	Wild lilac	Phyllosticta leaf spot	<i>Phyllosticta</i> sp.
<i>Choisya ternata</i>	Mexican orange	Root rot	<i>Phytophthora</i> sp., <i>Rhizoctonia</i> sp.
<i>Clerodendrum trichotomum</i>	Harlequin glorybower	Gray mold	<i>Botrytis</i> sp.
<i>Corylus cornuta</i>	Western hazelnut	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Cotoneaster</i> sp.	Cotoneaster	Botrytis blight	<i>Botrytis</i> sp.
<i>Euonymus</i> sp.	Euonymus	Armillaria root rot	<i>Armillaria</i> sp.
<i>Gaultheria shallon</i>	Salal	Leaf spot	<i>Phyllosticta</i> sp.
	Salal	Leaf spot	<i>Phyllosticta</i> sp.
	Salal	Leaf spots	<i>Mycosphaerella</i> sp., <i>Phyllosticta</i> sp.
	Salal seedlings (plugs)	Botrytis blight, Phytophthora root rot	<i>Botrytis</i> sp., <i>Phytophthora</i> sp.
	Salal	Gray mold, Stem canker	<i>Botrytis</i> sp., <i>Fusicoccum</i> sp., <i>Coniothyrium</i> sp.
<i>Hedera helix</i>	English ivy	Anthracnose, Phyllosticta leaf spot	<i>Colletotrichum</i> sp., <i>Phyllosticta</i> sp.
<i>Iberis</i> sp.	Candytuft	Botrytis blight	<i>Botrytis</i> sp.
<i>Ilex verticillata</i>	Holly	Phomopsis canker	<i>Phomopsis</i> sp.
<i>Lonicera</i> sp.	Honeysuckle	Phoma leaf spot	<i>Phoma</i> sp.
<i>Photinia</i> sp.	Photinia	Leaf spot	<i>Entomosporium mespili</i>
<i>Pyracantha</i> sp.	Firethorn	Scab	<i>Spilocaea pyracanthae</i>
<i>Rhododendron</i> sp.	Rhododendron	Bud blight	<i>Briosia azaleae</i>
	Rhododendron	Powdery mildew	<i>Microsphaera</i> sp.
	Rhododendron	Botrytis shoot blight	<i>Botrytis cinerea</i>
	Rhododendron	Gray blight	<i>Pestalotiopsis</i> sp.
	Rhododendron	Armillaria root rot	<i>Armillaria</i> sp.
	Rhododendron (Ann Rose Whitney)	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Rhododendron</i> sp., <i>Acer</i> sp.	Various bonzai - azalea, maple	Pythium root rot	<i>Pythium</i> sp.
<i>Rosa</i> sp.	Rose	Botrytis bud/twig blight	<i>Botrytis</i> sp.
	Rose	Black spot, Gray mold	<i>Marssonina rosae</i> , <i>Botrytis cinerea</i>
	Rose	Bud blight, Canker	<i>Botrytis</i> sp., <i>Diaporthe</i> sp.
<i>Syringa</i> sp.	Lilac (Katherine Havemeyer)	Pythium damping off	<i>Pythium</i> sp.
<i>Viburnum</i> sp.	Viburnum	Fungal leaf spot	<i>Cercospora</i> sp.
	Viburnum	Cercospora leaf spot	<i>Cercospora</i> sp.
Shrubs & Vines - Bacterial Diseases			
<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Photinia</i> sp.	Photinia	Pseudomonas blight	<i>Pseudomonas syringae</i>
<i>Rosa</i> sp.	Rose	Hairy root	<i>Agrobacterium rhizogenes</i>

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	Rose (Brigadoon)	Hairy root	<i>Agrobacterium rhizogenes</i>
<i>Viburnum</i> sp.	Viburnum	Bacterial blight	<i>Pseudomonas syringae</i> pv. <i>viburni</i>
Shrubs & Vines - Viral Diseases			
Latin Name	Common Name	Disease	Pathogen
<i>Rosa</i> sp.	Rose (Westerland)	Possible rose mosaic?	Rose mosaic complex
Broadleaf Trees - Fungal Diseases			
Latin Name	Common Name	Disease	Pathogen
<i>Acer circinatum</i>	Vine maple	Verticillium wilt	<i>Verticillium</i> sp.
<i>Acer macrophyllum</i>	Bigleaf maple	Verticillium wilt	<i>Verticillium</i> sp.
<i>Acer palmatum</i>	Laceleaf maple	Verticillium wilt	<i>Verticillium</i> sp.
	Japanese maple	Verticillium wilt	<i>Verticillium</i> sp.
	Japanese maple	Verticillium wilt	<i>Verticillium</i> sp.
	Japanese maple	Nectria canker	<i>Nectria galligena</i>
<i>Acer palmatum</i> 'Ornatum'	Japanese red laceleaf maple	Verticillium wilt	<i>Verticillium dahliae</i>
<i>Acer</i> sp.	Coral maple	Verticillium wilt	<i>Verticillium</i> sp.
	Maple	Verticillium wilt	<i>Verticillium</i> sp.
	Vine maple	Nectria canker	<i>Nectria</i> sp.
<i>Arbutus menziesii</i>	Madrone	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Cercis canadensis</i>	Redbud	Verticillium wilt	<i>Verticillium</i> sp.
<i>Cornus Kousa</i>	Dogwood (Kousa)	Powdery mildew	<i>Phyllactinia</i> sp.
<i>Cornus nuttalli</i>	Dogwood	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Cornus nuttalli</i> x <i>C. Kousa</i>	Dogwood	Powdery mildew	<i>Phyllactinia</i> sp.
<i>Cornus</i> sp.	Dogwood	Anthracnose	<i>Discula destructiva</i>
<i>Cornus stolonifera</i>	Red-osier dogwood	Anthracnose	<i>Discula destructiva</i>
	Red-osier dogwood	Septoria leaf spot	<i>Septoria</i> sp.
<i>Crataegus</i> sp.	Native hawthorn	Scab, Phyllosticta leaf spot	<i>Venturia inaequalis</i> , <i>Phyllosticta</i> sp.
<i>Elaeagnus angustifolia</i>	Russian olive	Verticillium wilt	<i>Verticillium</i> sp.
<i>Nandina domestica</i>	Heavenly bamboo	Phyllosticta leaf spot	<i>Phyllosticta</i> sp.
<i>Oemleria cerasiformis</i>	Indian plum	Leaf spot	<i>Cylindrosporium</i> sp., <i>Diaporthe</i> sp.
<i>Populus tremuloides</i>	Quaking aspen	Poplar leaf and shoot blight	<i>Venturia macularis</i>
<i>Prunus serrulata</i> 'Shirofugen'	Japanese flowering cherry 'Shirofugen'	Coryneum blight	<i>Wilsonomyces carpophilus</i>
<i>Prunus</i> sp.	Flowering plum	Brown rot	<i>Monilinia</i> sp.
<i>Pyrus calleryana</i>	Ornamental pear	White rot, Phomopsis canker	<i>Botryosphaeria dothidae</i> , <i>Phomopsis</i> sp.
<i>Pyrus</i> sp.	Ornamental pear hybrid	European canker, Nectria twig blight	<i>Nectria galligena</i> , <i>Nectria cinnabarina</i>
<i>Quercus suber</i>	Cork oak (bonsai)	Leaf spot	<i>Cylindrocarpon</i> sp.
<i>Salix</i> sp.	Willow	Leaf spot	<i>Cladosporium</i> sp., <i>Trichothecium</i> sp.
<i>Salix matsudana</i> 'Tortuosa'	Willow (corkscrew)	Black canker	<i>Collectrichum gloeosporioides</i>
<i>Salix matsudana</i> x <i>alba</i>	Willow (Austee)	Scab	<i>Venturia saliciperda</i>
<i>Stewartia pseudocamellia</i>	Stewartia	Leaf spot	<i>Coniothyrium</i> sp., <i>Phoma</i> sp.

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<i>Syringa</i> sp.	Lilac	Gray mold, Phyllosticta leaf spot	<i>Botrytis</i> sp., <i>Phyllosticta</i> sp.
<i>Syringa vulgaris</i> (field samples)	Lilac seedlings (field samples)	Damping-off/Root rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp., <i>Thielaviopsis</i> sp.
<i>Syringa vulgaris</i> (greenhouse samples)	Lilac seedlings (greenhouse samples)	Damping-off/Root rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp., <i>Thielaviopsis basicola</i>
<i>Ulmus americanum</i>	American elm	Dutch elm disease	<i>Ophiostoma ulmi</i>
	American elm	Dutch elm disease	<i>Ophiostoma ulmi</i>
<i>Ulmus</i> sp.	Elm	Dutch elm disease	<i>Ophiostoma ulmi</i>
Conifers - Fungal Diseases			
<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Abies concolor</i>	White fir	Fir rust, Gray mold	<i>Uredinopsis pteridis</i> , <i>Botrytis</i> sp.
<i>Abies fraseri</i>	Fraser fir	Phytophthora root rot	<i>Phytophthora</i> sp.
	Fraser fir	Fomes heart rot	<i>Heterobasidion annosum</i>
	Fraser fir seedlings	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Abies grandis</i>	Grand fir	Interior needle blight, Rhizosphaera needle cast	Unknown cause; <i>Rhizosphaera kalkhoffii</i>
<i>Abies grandis</i> & <i>Abies magnifica</i> 'Shastensis'	Grand fir & Shasta fir	Grovesiella canker	<i>Grovesiella</i> sp.
<i>Abies procera</i>	Noble fir	Fomes heart rot	<i>Heterobasidion annosum</i>
	Noble firs	Possibly stringy butt rot (yellow root rot)	<i>Perenniporia subacida</i>
	Noble firs	Stringy butt rot	<i>Perenniporia subacida</i>
	Noble firs	Stringy butt rot	<i>Perenniporia subacida</i>
	Noble fir	Phytophthora root rot	<i>Phytophthora</i> sp.
	Noble fir	Fomes heart rot	<i>Heterobasidion annosum</i>
	Noble fir seedlings	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Abies procera</i> & <i>Abies grandis</i>	Noble fir & Grand fir	Phomopsis canker	<i>Phomopsis</i> sp.
<i>Abies</i> sp.	Fir	Armillaria root rot	<i>Armillaria</i> sp.
<i>Araucaria araucana</i>	Monkey-puzzle tree	Phyllosticta leaf spot	<i>Phyllosticta</i> sp.
<i>Cedrus</i> sp.	Various bonzai - azalea, maple, cedar	Pythium root rot	<i>Pythium</i> sp.
<i>Cedrus atlantica</i>	Blue atlas cedar	Gray mold (tip blight)	<i>Botrytis</i> sp.
	Atlas cedar	Botrytis tip blight/gray mold	<i>Botrytis cinerea</i>
	Blue atlas cedar	Tip blight	<i>Botrytis</i> sp., <i>Pestalotiopsis</i> sp.
<i>Cedrus deodara</i>	Deodar cedar	Armillaria root rot	<i>Armillaria</i> sp.
	Deodar cedar	Gray mold	<i>Botrytis cinerea</i>
<i>Juniperus horizontalis</i>	Juniper	Tip blight	<i>Sclerophoma</i> sp.
<i>Juniperus sabina</i> 'Tamariscifolia'	Juniper (Tam)	Phomopsis twig blight	<i>Phomopsis juniperovora</i>
<i>Juniperus</i> sp.	Juniper (Hollywood)	Kabatina tip blight	<i>Kabatina thujae</i>
	Juniper (Blue carpet)	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Larix decidua</i> 'Pendula'	European weeping larch	Botrytis tip blight	<i>Botrytis</i> sp.
<i>Pinus contorta</i>	Shore pine	Lophodermella needle cast	<i>Lophodermella</i> sp.
	Lodgepole pine	Needle cast	<i>Lophodermium</i> sp.

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<i>Pinus densiflora</i> & <i>P. strobus</i>	Japanese red pine & white pine	Needle cast	<i>Lophodermium</i> sp. or <i>Lophodermella</i> sp.
<i>Pinus flexis</i> 'Vanderwolf'	Vanderwolf pine	Lophodermium needle cast	<i>Lophodermium nitens</i>
<i>Pinus ponderosa</i>	Ponderosa pine	Lophodermium needle cast	<i>Lophodermium seditiosum</i>
<i>Pinus</i> sp.	Pine trees	Lophodermium needle cast	<i>Lophodermium</i> sp.
<i>Pinus</i> sp., <i>Abies</i> sp.	Pine, fir	Armillaria root rot	<i>Armillaria</i> sp.
<i>Pinus thunbergiana</i>	Japanese black pine	Lophodermium needle cast	<i>Lophodermium</i> sp.
<i>Pseudotsuga menziesii</i>	Douglas fir	Swiss needle cast	<i>Phaeocryptopus gaeumannii</i>
	Douglas fir	Swiss needle cast	<i>Phaeocryptopus gaeumannii</i>
	Douglas fir	Swiss needle cast	<i>Phaeocryptopus gaeumannii</i>
	Douglas fir (Hollywood)	Swiss needle cast	<i>Phaeocryptopus gaeumannii</i>
	Douglas fir	Swiss needle cast	<i>Phaeocryptopus gaeumannii</i>
	Douglas fir	Yellow-green mottle syndrome, Swiss needle cast	Unknown; <i>Phaeocryptopus gaeumannii</i>
	Douglas fir	Swiss needle cast	<i>Phaeocryptopus gaeumannii</i>
	Douglas fir	Swiss needle cast	<i>Phaeocryptopus gaeumannii</i>
	Douglas fir	Laminated root rot	<i>Phellinus weirii</i>
	Douglas fir	Laminated root rot	<i>Phellinus weirii</i>
	Douglas fir	Laminated root rot	<i>Phellinus weirii</i>
	Douglas fir	Armillaria root rot	<i>Armillaria</i> sp.
	Douglas fir	Melampsora needle rust	<i>Melampsora occidentalis</i>
<i>Thuja</i> sp.	Arborvitae	Armillaria root rot	<i>Armillaria</i> sp.
<i>Thuja heterophylla</i>	Western hemlock seedlings	Gray mold	<i>Botrytis</i> sp.
<i>Thuja occidentalis</i> 'Pyramidalis'	Arborvitae (Emerald Green 'Pyramidalis')	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Thuja plicata</i>	Cedar tree	Armillaria root rot	<i>Armillaria</i> sp.
	Western red cedar	Armillaria root rot	<i>Armillaria</i> sp.
<i>Thuja</i> sp.	Arborvitae	Black canker	<i>Colletotrichum gloeosporioides</i>
<i>Tsuga heterophylla</i>	Western hemlock	Phytophthora root rot	<i>Phytophthora</i> sp.
	Western hemlock	Armillaria root rot	<i>Armillaria</i> sp.
Flowers & Bulbs - Fungal Diseases			
<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Ajuga</i> sp.	Ajuga	Powdery mildew	<i>Erysiphe</i> sp.
<i>Bacopa</i> sp.	Bacopa	Gray mold	<i>Botrytis</i> sp.
<i>Dahlia</i> sp.	Dahlia	Gray mold	<i>Botrytis</i> sp.
<i>Delphinium</i> sp.	Larkspur	Gray mold, Root rot	<i>Botrytis</i> sp., <i>Pythium</i> sp.
	Larkspur	Powdery mildew	<i>Erysiphe</i> sp.
<i>Fuchsia</i> sp.	Fuchsia	Gray mold/Botrytis blight	<i>Botrytis cinerea</i>
<i>Helleborus orientalis</i>	Lenten rose	Anthracnose, Black leaf spot	<i>Colletotrichum</i> sp., <i>Coniothyrium</i> sp.
<i>Hemerocallis</i> spp.	Daylily	Anthracnose	<i>Colletotrichum</i> sp.
<i>Iris versicolor</i> & <i>Iris foetidissima</i>	Iris	Rust	<i>Puccinia iridis</i>
<i>Narcissus</i> sp.	Mini-daffodil bulbs	Smoulder; White mold	<i>Botrytis narcissicola</i> , <i>Ramularia vallisumbrosae</i>
<i>Paeonia</i> sp.	Peony	Botrytis blight	<i>Botrytis</i> sp.

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<i>Pelargonium</i> sp.	Geranium cedar basket/potting mix	Slime mold, Saprophytic Basidiomycete	Myxomycete, Basidiomycete
<i>Petunia hybrida</i>	Petunia	Powdery mildew	<i>Oidium</i> sp.
<i>Phlox maculata</i> (Natacha)	Phlox 'Natacha'	Downy mildew	<i>Peronospora</i> sp.
<i>Vinca minor</i>	Dwarf periwinkle	Black root rot, Stem canker	<i>Thielaviopsis basicola</i> , <i>Phomopsis</i> sp.
Flowers & Bulbs - Bacterial Diseases			
<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Delphinium</i> sp.	Larkspur	Black leaf spot	<i>Pseudomonas delphinii</i>
<i>Iris foetidissima</i>	Rhizomatous iris	Bacterial soft rot	<i>Erwinia carotovora</i> subsp. <i>carotovora</i>
<i>Lilium</i> sp.	Lily bulbs	Bacterial fasciation	<i>Rhodococussus fascians</i>
<i>Pelargonium hortorum</i> & <i>P. peltatum</i>	Geraniums (ivy & zonal)	Bacterial leaf spot/blight	<i>Xanthomonas hortorum</i> pv. <i>pelargonii</i>
<i>Pelargonium</i> spp.	Various geraniums	Bacterial blight of geranium	<i>Xanthomonas hortorum</i> pv. <i>pelargonii</i>
	Geraniums	Bacterial blight	<i>Xanthomonas hortorum</i> pv. <i>pelargonii</i>
Flowers & Bulbs - Nematode Diseases			
<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Bergenia</i> sp.	Bergenia	Foliar nematodes	<i>Aphelenchoides</i> sp.
House Plants - Fungal Diseases			
<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Begonia rex-cultorum</i>	Rex begonia	Powdery mildew of begonia	<i>Microsphaera begoniae</i>
<i>Fuchsia hybrida</i>	Fuchsia (Dusty Rose)	Black root rot	<i>Thielaviopsis basicola</i>
<i>Cissus discolor</i>	Houseplant	Gray mold	<i>Botrytis cinerea</i>
<i>Hylocereus undatus</i>	Night-blooming cereus	Phoma leaf spot	<i>Phoma</i> sp.
<i>Saintpaulia ionantha</i>	African violet	Root and crown rot	<i>Pythium</i> sp., <i>Rhizoctonia</i> sp.
Small Fruits & Berries - Fungal Diseases			
<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Fragaria</i> sp.	Strawberries (Totem & Chuksan)	Red stele	<i>Phytophthora fragariae</i> var. <i>fragariae</i>
<i>Fragaria</i> sp. 'Benton'	Strawberries (Benton)	Black root rot; Botrytis gray mold	Complex of fungi; <i>Botrytis cinerea</i>
<i>Fragaria</i> sp., <i>Rubus</i> sp.	Strawberries & Raspberries	Red stele, Spur blight	<i>Phytophthora fragariae</i> var. <i>fragariae</i> , <i>Didymella applanata</i>
<i>Ribes rubrum</i>	Red currant	Botrytis dieback & fruit rot	<i>Botrytis</i> sp.
<i>Rubus</i> sp.	Marionberry	Leaf & cane spot	<i>Septoria rubi</i>
	Raspberry	Spur blight	<i>Phoma</i> sp.
	Raspberry	Botrytis gray mold	<i>Botrytis</i> sp.
	Raspberries	Phytophthora root rot	<i>Phytophthora</i> sp.
	Logan Blackberry	Cane blight, Anthracnose	<i>Leptosphaeria coniothyrium</i> , <i>Elsinoe veneta</i>
	Red raspberry	Phytophthora root rot	<i>Phytophthora</i> sp.

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	Blackberry (Marionberry)	Purple blotch or leaf & cane spot	<i>Septocytia ruborum</i> or <i>Septoria rubi</i>
<i>Rubus</i> sp. 'Tulameen & Qualicum'	Raspberry (Tulameen & Qualicum)	Botrytis cane blight, Spur blight	<i>Botrytis cinerea</i> , <i>Didymella applanata</i>
<i>Rubus</i> sp. 'Williamette'	Red raspberry (Williamette)	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Vaccinium corymbosum</i>	Blueberry (Bluecrop)	Botrytis blight, Alternaria fruit rot	<i>Botrytis cinerea</i> , <i>Alternaria</i> sp.
<i>Vaccinium corymbosum</i> 'Blue Jay'	Blueberry (Blue Jay)	Twig blight, Tip blight	<i>Phomopsis vaccinii</i> , <i>Botrytis</i> sp.
<i>Vaccinium corymbosum</i> 'Elliot'	Blueberry (Elliot)	Gray mold	<i>Botrytis cinerea</i>
<i>Vaccinium corymbosum</i> 'Jersey'	Highbush Blueberry (Jersey)	Gray mold	<i>Botrytis cinerea</i>
Tree Fruits - Fungal Diseases			
Latin Name	Common Name	Disease	Pathogen
<i>Malus domestica</i>	Apple tree	European canker	<i>Nectria galligena</i>
	Apple (G11)	Diaporthe canker	<i>Diaporthe tanakae</i>
	Apple tree	Apple scab	<i>Venturia inaequalis</i>
	Apple tree	Apple scab	<i>Venturia inaequalis</i>
	Apple seedling (M-9-337 rotstock)	Phomopsis canker, Rhizoctonia root rot	<i>Phomopsis</i> sp., <i>Rhizoctonia</i> sp.
<i>Malus domestica</i> 'Bergundy'	Bergundy Apple	Anthraco-nose	<i>Cryptosporiopsis curvispora</i>
<i>Malus domestica</i> 'Buckley Giant'	Buckley Giant apple tree	Nectria twig blight	<i>Nectria cinnabarina</i>
<i>Malus domestica</i> 'Elstar'	Apple tree (Elstar)	Nectria twig blight; anthracnose	<i>Nectria cinnabarina</i> , <i>Cryptosporiopsis curvispora</i>
<i>Malus domestica</i> 'Jonagold'	Apple tree (Jonagold?)	Nectria canker, Apple scab	<i>Nectria galligena</i> , <i>Venturia inaequalis</i>
<i>Malus domestica</i> 'Molly's Delicious'	Apple seedling (Molly's Delicious)	Phomopsis canker	<i>Phomopsis</i> sp.
<i>Malus domestica</i> , <i>Pyrus</i> sp.	Apple & pear twigs	Nectria canker, Anthracnose	<i>Nectria galligena</i> , <i>Cryptosporiopsis curvispora</i>
<i>Malus domestica</i> 'Snowdrift'	Apple tree (Snowdrift)	Apple scab	<i>Venturia inaequalis</i>
<i>Malus</i> sp. 'Winter Gem'	Crabapple (Winter Gem)	Wood-rotting fungus	Basidiomycete
<i>Prunus domestica</i> , <i>Malus domestica</i>	Italian prune, Apple	European canker	<i>Nectria galligena</i>
<i>Prunus persica</i>	Frost peach tree	Brown rot	<i>Monilinia</i> sp.
	Peach tree	Peach leaf curl	<i>Taphrina deformans</i>
<i>Prunus</i> sp.	Cherry tree	Cherry leaf spot	<i>Blumeriella jaapii</i>
	Apricot tree	Brown rot	<i>Monilinia</i> sp.
<i>Prunus</i> spp.	Peach & cherry trees	Replant disease	Unknown
<i>Pyrus communis</i> 'Comice' & 'Bartlett'	Comice & Bartlett pear trees	Phomopsis canker	<i>Phomopsis</i> sp.
<i>Pryus pyrifolia</i>	Asian Pear	Rust	<i>Gymnosporangium</i> sp.
	Asian pear trees	Phytophthora root rot, Canker	<i>Phytophthora</i> sp., <i>Cytospora</i> sp.
Tree Fruits - Bacterial Diseases			

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<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Juglans regia</i>	English walnut	Walnut blight	<i>Xanthomonas arboricola</i> pv. <i>juglandis</i>
<i>Juglans</i> sp.	Walnut fruit	Walnut blight	<i>Xanthomonas arboricola</i> pv. <i>juglandis</i>
<i>Prunus persica</i> 'Indian red blood'	Peach tree (Indian red blood)	Bacterial canker	<i>Pseudomonas syringae</i> pv. <i>syringae</i>
<i>Pyrus communis</i> 'Comice' & 'Bartlett'	Comice & Bartlett pear trees	Pseudomonas dieback	<i>Pseudomonas syringae</i> pv. <i>syringae</i>
<i>Pyrus pyrifolia</i>	Asian pear	Blossom blast	<i>Pseudomonas syringae</i> pv. <i>syringae</i>
	Asian pear	Bacterial blight	<i>Pseudomonas syringae</i> pv. <i>syringae</i>
Trees Fruit - Viral Diseases			
<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Prunus</i> sp.	Cherry tree	Prune dwarf virus	PDV
Turfgrass - Fungal Diseases			
<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Gramineae</i>	Home lawn	Necrotic ring spot	<i>Leptosphaeria korrae</i>
		Necrotic ring spot	<i>Leptosphaeria korrae</i>
		Necrotic ring spot	<i>Leptosphaeria korrae</i>
		Necrotic ring spot	<i>Leptosphaeria korrae</i>
		Necrotic ring spot	<i>Leptosphaeria korrae</i>
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		Necrotic ring spot	<i>Leptosphaeria korrae</i>
		Necrotic ring spot	<i>Leptosphaeria korrae</i>
		Necrotic ring spot	<i>Leptosphaeria korrae</i>
	Home lawn	Brown blight, Net blotch	<i>Drechslera siccans</i> , <i>D. dictyoides</i>
		Leaf spot	<i>Drechslera</i> sp.
	Municipal golf course	Necrotic ring spot	<i>Leptosphaeria korrae</i>
	Home lawn	Yellow patch	<i>Rhizoctonia cerealis</i>
		Yellow patch	<i>Rhizoctonia cerealis</i>
		Yellow patch	<i>Rhizoctonia cerealis</i>
		Yellow patch	<i>Rhizoctonia cerealis</i>
	Home lawn	Typhula blight (gray snow mold)	<i>Typhula</i> sp.
		Typhula blight	<i>Typhula</i> sp.
		Typhula blight	<i>Typhula</i> sp.
	Home lawn	Brown patch, Fusarium patch, Septoria leaf spot	<i>Rhizoctonia solani</i> , <i>Microdochium nivale</i> , <i>Septoria</i> sp.
	Home lawn	Fairy ring	Basidiomycete
	Home lawn	Brown patch	<i>Rhizoctonia solani</i>
	Home lawn	Fusarium patch, Anthracnose, Pythium crown & root rot	<i>Microdochium nivale</i> , <i>Colletotrichum graminicola</i> , <i>Pythium</i> sp.

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	Home lawn	Red thread, Anthracnose	<i>Laetisaria fuciformis</i> , <i>Colletotrichum graminicola</i>
	Home lawn	Curvularia blight, Leaf spot, Brown patch	<i>Curvularia</i> sp., <i>Drechslera</i> sp., <i>Rhizoctonia solani</i>
	School lawn	Red thread	<i>Laetisaria fuciformis</i>
	Home lawn	Curvularia blight	<i>Curvularia</i> sp.
		Curvularia blight	<i>Curvularia</i> sp.
		Curvularia blight	<i>Curvularia</i> sp.
		Curvularia blight	<i>Curvularia</i> sp.
	Home lawn	Necrotic ring spot, Yellow patch	<i>Leptosphaeria korrae</i> , <i>Rhizoctonia cerealis</i>
	Home lawn	Curvularia blight, Necrotic ring spot	<i>Curvularia</i> sp., <i>Leptosphaeria korrae</i>
	Home lawn	Anthracnose	<i>Colletotrichum graminicola</i>
	Home lawn	Curvularia blight, Pythium blight, Fusarium patch, Yellow patch	<i>Curvularia</i> sp., <i>Pythium</i> sp., <i>Microdochium nivale</i> , <i>Rhizoctonia cerealis</i>
	Home lawn	Red thread, Curvularia blight, Spermospora leaf blight	<i>Laetisaria fuciformis</i> , <i>Curvularia</i> sp., <i>Spermospora</i> sp.
	Three school fields	Red thread, Yellow patch, Pythium root/crown rot	<i>Laetisaria fuciformis</i> , <i>Rhizoctonia cerealis</i> , <i>Pythium</i> sp.
	Home lawn	Curvularia blight, Fairy ring	<i>Curvularia</i> sp., Basidiomycete
	Home lawn	Pythium crown rot, Necrotic ring spot	<i>Pythium</i> sp., <i>Leptosphaeria korrae</i>
	Home lawn	Typhula blight, Anthracnose, Leaf spot	<i>Typhula</i> sp., <i>Colletotrichum graminicola</i> , <i>Drechslera</i> sp.
	Home lawn	Necrotic ring spot, Pythium crown/root rot	<i>Leptosphaeria korrae</i> , <i>Pythium</i> sp.
	Home lawn	Yellow patch, Pythium rot/crown rot	<i>Rhizoctonia cerealis</i> , <i>Pythium</i> sp.
	Home lawn	Anthracnose basal rot, Drechslera leaf spot	<i>Colletotrichum graminicola</i> , <i>Drechslera</i> sp.
	Home lawn	Curvularia blight, Necrotic ring spot	<i>Curvularia</i> sp., <i>Leptosphaeria korrae</i>
	Home lawn	Pythium crown/root rot	<i>Pythium</i> sp.
	Turf research plots	Fusarium patch	<i>Microdochium nivale</i>
	Turf	Slime mold	Myxomycete
	Golf course putting green	Anthracnose, Red thread	<i>Colletotrichum graminicola</i> , <i>Laetisaria fuciformis</i>
Vegetables & Herbs - Fungal Diseases			
Latin Name	Common Name	Disease	Pathogen
<i>Allium</i> sp. 'Walla Walla' & <i>A. ampeloprasum</i>	Onion (Walla Walla) & Garlic (elephant)	Botrytis leaf blight, Purple blotch	<i>Botrytis squamosa</i> , <i>Alternaria porri</i>

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<i>Brassica pekinensis</i>	Chinese cabbage	Downy mildew, Gray leaf spo/Black speck	<i>Peronospora parasitica</i> , <i>Alternaria brassicae</i>
<i>Brassica</i> sp.	Various Brassicas	Powdery mildew	<i>Erysiphe</i> sp.
<i>Cucumis sativus</i>	Burpless cucumber	Damping-off	<i>Pythium</i> sp., <i>Fusarium</i> sp.
	Cucumber seedlings	<i>Cercospora</i> leaf spot	<i>Cercospora</i> sp.
	Cucumber	Possibly black rot rot	<i>Phomopsis sclerotoides</i>
<i>Glycine max</i> 'Edamame'	Edamame seed	Various seed-rotting fungi	<i>Alternaria</i> sp., <i>Aspergillus</i> sp., <i>Penicillium</i> sp., <i>Rhizopus</i> sp.
<i>Lactuca sativa</i>	Lettuce (head)	Lettuce drop, Downy mildew	<i>Sclerotinia minor</i> , <i>Bremia lactucae</i>
<i>Lycopersicon esculentum</i>	Tomato	Early blight	<i>Alternaria solani</i>
<i>Panax quinquefolius</i>	Ginseng	Botrytis blight, Disappearing root rot	<i>Botrytis</i> sp., <i>Cylindrocarpon</i> sp.
<i>Rheum rhabarbarum</i>	Rhubarb	Gray mold	<i>Botrytis</i> sp.
	Rhubarb	Gray mold	<i>Botrytis cinerae</i>
<i>Teucrium</i> sp., <i>Thymus</i> sp.	Germander & Thyme	Black root rot	<i>Thielaviopsis basicola</i>
<i>Thymus serpyllum</i>	Green lemon thyme	Gray mold	<i>Botrytis</i> sp.
<i>Zea mays</i>	Sweet corn	Yeast infection of inner husk leaves	Basidiomycetous yeast (<i>Pseudozyma</i>)?

Vegetables & Herbs - Bacterial Diseases

<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Coriandrum sativum</i>	Coriander (Cilantro)	Possible <i>Pseudomonas</i> blight	<i>Pseudomonas</i> sp.
<i>Cucurbita</i> spp.	Pumpkin & squash	Angular leaf spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>
<i>Lactuca sativa</i> 'Sharpshooter'	Lettuce (Sharpshooter)	Varnish spot	<i>Pseudomonas cichorii</i>
<i>Lycopersicon esculentum</i>	Tomato (Best Boy or Early Girl)	Pith necrosis	<i>Pseudomonas corrugata</i>
<i>Rheum rhabarbarum</i>	Rhubarb	Possible red leaf??	<i>Erwinia rhapontici</i> ??
	Rhubarb	Possible red leaf??	<i>Erwinia rhapontici</i> ??
<i>Solanum tuberosum</i>	Potato	Potato scab	<i>Streptomyces scabies</i>

Vegetables & Herbs - Viral Diseases

<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Capsicum</i> sp.	Peppers	Cucumber mosaic virus	CMV
<i>Lycopersicon esculentum</i> 'Beef Steak', 'Early Girl'	Tomatoes (Beef Steak, Early Girl)	Possible viral disease	Possibly CMV or ToMV

Groundcovers - Fungal Diseases

<u>Latin Name</u>	<u>Common Name</u>	<u>Disease</u>	<u>Pathogen</u>
<i>Arctostaphylos uva-ursi</i>	Kinnikinnick	Leaf spot	<i>Cryptostictis</i> sp.
	Kinnikinnick	Leaf spot	<i>Cryptostictis</i> sp.
	Kinnikinnick	Leaf spot	<i>Cryptostictis</i> sp.
	Kinnikinnick	Leaf spot	<i>Phyllosticta</i> sp.
	Kinnikinnick	Leaf spot	<i>Phyllosticta amicta</i>
	Kinnikinnick	Phyllosticta leaf spot, Root rot	<i>Phyllosticta</i> sp., <i>Rhizoctonia</i> sp.
	Kinnikinnick	Leaf gall	<i>Exobasidium vaccinii</i>

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	Kinnikinnick	Black root rot, Pythium root rot	<i>Thielaviopsis basicola</i> , <i>Pythium</i> sp.
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