

**WSU-Puyallup Plant Clinic
2000 Host Pathogen Index**

Shrubs & Vines - Fungal Disease			
<u>Latin Name</u>	<u>Host</u>	<u>Common Name</u>	<u>Scientific</u>
<i>Akebia quinata</i>	Akebia vine	powdery mildew	<i>Erysiphe</i> sp.
<i>Amelanchier</i> sp.	serviceberry	root rot	<i>Rhizoctonia</i> sp. <i>Cylindrocladium</i> sp.
<i>Amelanchier</i> sp.	serviceberry	rust	<i>Gymnosporangium</i> sp.
<i>Arctostaphylos</i> sp.	manzanita	leaf spot	<i>Coniothyrium</i> sp. (?)
Asteraceae	Asteraceae volunteer	Septoria leaf spot	<i>Septoria</i> sp.
<i>Chaenomeles japonica</i>	quince	Nectria twig blight scab	<i>Nectria cinnabarina</i> <i>Venturia pirina</i>
<i>Fothergilla gardenii</i>	fothergilla	gray mold	<i>Botrytis cinerea</i> .
<i>Gaultheria shallon</i>	salal	leaf spots tip dieback	<i>Pestalopezia</i> sp.
<i>Laurus nobilis</i> 'Sweet Bay'	bay laurel 'Sweet Bay'	black root rot	<i>Thielaviopsis basicola</i>
<i>Photinia</i> sp.	photinia	leaf spot	<i>Entomosporium mespili</i>
<i>Photinia</i> sp.	photinia	leaf spot	<i>Phyllosticta</i> sp.
<i>Pieris japonica</i>	Pieris 'Mountain Fire'	crown rot	<i>Rhizoctonia</i> sp.
<i>Prunus</i> sp.	Otto Luyken's laurel	root rot	<i>Pythium</i> sp. <i>Rhizoctonia</i> sp.
<i>Rhododendron</i> sp.	rhododendron	Phyllosticta leaf spot	<i>Phyllosticta</i> sp.
<i>Rhododendron</i> sp.	rhododendron	leaf spot	<i>Mycosphaerella</i> sp.
<i>Rhododendron</i> sp.	rhododendron	powdery mildew	<i>Microsphaera azaleae</i>
<i>Rhododendron</i> sp.	rhododendron	bud and twig blight	<i>Briosia azaleae</i>
<i>Rhododendron</i> sp.	rhododendron	leaf spot	<i>Phyllosticta</i> sp.
<i>Rhododendron</i> sp.	rhododendron	witches' broom	<i>Exobasidium vaccinii</i>
<i>Rhododendron</i> sp.	rhododendron	powdery mildew	<i>Microsphaera azaleae</i>
<i>Ribes sanguineum</i>	red flowering currant	root rot	<i>Pythium</i> sp. or <i>Phytophthora</i> sp.
<i>Rosa</i> sp.	rose	stem canker	<i>Hendersonia</i> sp. <i>Phomopsis</i> sp. <i>Leptothyrium</i> sp.
<i>Rosa</i> sp.	rose 'Constance Spry'	leaf spot	<i>Alternaria</i> sp. <i>Botrytis</i> <i>cinerea</i> <i>Colletotrichum</i> sp.
<i>Rosa</i> spp.	roses	black spot	<i>Diplocarpon rosae</i>
<i>Syringa vulgaris</i>	lilac seedlings	black root rot	<i>Thielaviopsis basicola</i>
<i>Vaccinium</i> sp.	huckleberry	Rhizoctonia root rot	<i>Rhizoctonia</i> sp.
		fir-blueberry rust	<i>Pucciniastrum goeppertianum</i>
Shrubs & Vines - Bacterial Diseases			
<u>Latin Name</u>	<u>Host</u>	<u>Common Name</u>	<u>Scientific</u>
<i>Rosa rugosa</i>	rugosa rose	hairy root	<i>Agrobacterium rhizogenes</i>
<i>Syringa vulgaris</i>	lilac 'Sensation' & 'Edward J. Gardner'	bacterial blight	<i>Pseudomonas syringae</i> pv. <i>syringae</i>
Shrubs & Vines - Viral Diseases			
<u>Latin Name</u>	<u>Host</u>	<u>Common Name</u>	<u>Scientific</u>
<i>Rhododendron</i> sp.	rhododendron	mosaic	
<i>Rosa multiflora</i> <i>Rosa</i> sp. 'Polar Star'	Rose	rose rosette	

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<i>Rosa</i> sp.	Pristine hybrid rose tea	unknown	
<i>Rosa</i> sp.	Roses	rose mosaic	ApMV PNRSV
Broadleaf - Fungal Diseases			
<u>Latin Name</u>	<u>Host</u>	<u>Common Name</u>	<u>Scientific</u>
<i>Acer circinatum</i>	vine maple	Nectria canker	<i>Nectria</i> sp.
<i>Acer palmatum</i>	Japanese maple	Verticillium wilt	<i>Verticillium</i> sp.
<i>Acer palmatum</i>	Japanese maple	Verticillium wilt	<i>Verticillium</i> sp.
<i>Acer palmatum</i>	Japanese maple	Verticillium wilt	<i>Verticillium</i> sp.
<i>Acer palmatum</i> ' <i>Atropurpureum</i> '	Japanese red maple ' <i>Atropurpureum</i> '	Verticillium wilt	<i>Verticillium</i> sp.
<i>Acer rubrum</i>	maple 'Red Sunset'	heart rot	
<i>Acer saccharum</i>	sugar maple	Verticillium wilt	<i>Verticillium</i> sp.
<i>Acer</i> sp.	maple	anthracnose	<i>Discula</i> sp.
<i>Acer</i> sp.	maple	Verticillium wilt	<i>Verticillium</i> sp.
<i>Acer</i> sp.	maple	Verticillium wilt	<i>Verticillium</i> sp.
<i>Acer</i> sp. <i>Davidia</i> <i>involucrata</i>	maple dove tree	root rot	<i>Phytophthora</i> sp.
<i>Aesculus</i> sp.	horse chestnut	leaf blotch	<i>Guignardia aesculi</i> (<i>Phyllosticta sphaeropsoides</i>)
<i>Arbutus menziesii</i>	madrone	cankers	<i>Cytospora</i> sp. <i>Hendersonula</i> sp.
<i>Arbutus menziesii</i>	madrone	Phytophthora root rot	<i>Phytophthora cactorum</i>
<i>Arbutus unedo</i> ?	strawberry tree	Phomopsis canker	<i>Phomopsis</i> sp.
<i>Cornus</i> sp.	dogwood	anthracnose	<i>Discula destructiva</i>
<i>Cornus</i> sp.	dogwood	anthracnose	<i>Discula destructiva</i>
<i>Cornus</i> sp.	pink dogwood	anthracnose	<i>Discula destructiva</i>
<i>Crategeus</i>	hawthorn	scab	<i>Venturia inaequalis</i>
<i>Ilex</i> sp.	English holly	Phytophthora leaf & twig blight	<i>Phytophthora ilicis</i>
<i>Ilex</i> sp.	holly	anthracnose Phytophthora leaf & twig blight	<i>Colletotrichum</i> sp. <i>Phytophthora</i> sp.
<i>Ilex</i> sp.	holly	Phytophthora leaf and twig blight.	<i>Phytophthora ilicis</i>
<i>Koelreuteria paniculata</i>	golden raintree	Alternaria leaf spot	<i>Alternaria</i> sp.
<i>Malus domestica</i>	apple	scab	<i>Venturia inaequalis</i>
<i>Malus</i> sp.	flowering crabapple	apple scab	<i>Venturia inaequalis</i>
<i>Malus</i> sp.	flowering crabapple	apple scab	<i>Venturia inaequalis</i>
<i>Platanus acerifolia</i>	London plane tree	anthracnose	<i>Apiognomonium veneta</i>
<i>Platanus acerifolia</i>	London plane tree	anthracnose	<i>Apiognomonium veneta</i> (<i>Discula platani</i>)
<i>Populus</i> sp.	Lombardy poplar	poplar leaf & shoot blight	<i>Venturia populina</i>
<i>Populus</i> sp.	Lombardy poplar	poplar leaf & shoot blight	<i>Venturia populina</i>
<i>Populus</i> sp.	poplar	poplar leaf & shoot blight	<i>Venturia populina</i>
<i>Populus</i> sp.	poplar	poplar leaf & shoot blight	<i>Venturia populina</i>

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<i>Populus</i> sp.	poplar	poplar leaf & shoot blight	<i>Venturia populina</i>
<i>Populus</i> sp.	Poplar/cottonwood	leaf blister	<i>Taphrina populina</i>
<i>Populus tremuloides</i>	quaking aspen	leaf and shoot blight	<i>Venturia macularis</i>
<i>Populus tremuloides</i>	quaking aspen	leaf and shoot blight	<i>Venturia macularis</i>
<i>Prunus serrulata</i> 'Kwanzan'	Kwanzan cherry	Coryneum blight brown rot	<i>Wilsonomyces carpophilis</i> <i>Monilinia</i> sp.
<i>Prunus serrulata</i> 'Kwanzan'	Kwanzan cherry	Phomopsis canker	<i>Phomopsis</i> sp.
<i>Prunus</i> sp.	cherry	Coryneum blight	<i>Wilsonomyces carpophilis</i>
<i>Prunus</i> sp.	cherry 'Autumnalis'	Coryneum blight	<i>Wilsonomyces carpophilis</i>
<i>Prunus</i> sp.	flowering cherry	Coryneum blight	<i>Wilsonomyces carpophilis</i>
<i>Prunus</i> sp.	ornamental cherry	Coryneum blight brown rot	<i>Wilsonomyces carpophilis</i> <i>Monilinia</i> sp.
<i>Prunus</i> sp.	weeping cherry	brown rot	<i>Monilinia</i> sp.
<i>Prunus</i> sp.	weeping cherry	Coryneum blight	<i>Wilsonomyces carpophilis</i>
<i>Prunus</i> sp.	weeping cherry	Coryneum blight	<i>Wilsonomyces carpophilis</i>
<i>Quercus</i>	oak 'Borealis'	anthracnose	<i>Discula quercina</i>
<i>Quercus</i>	sawtooth oak	anthracnose	<i>Discula</i> sp.
<i>Salix matsudana</i> 'Tortuosa'	corkscrew willow	willow scab	<i>Venturia</i> sp.
<i>Salix</i> sp.	willow	Melampsora rust	<i>Melampsora</i> sp.
<i>Salix</i> sp.	willow	Melampsora rust	<i>Melampsora</i> sp.
<i>Sassafras</i> sp.	sassafras	root rot	<i>Cylindrocladium</i> sp.
<i>Ulmus americana</i>	American elm	Dutch elm disease	<i>Ophiostoma ulmi</i>
<i>Ulmus americana</i>	American elm	Dutch elm disease	<i>Ophiostoma ulmi</i>
<i>Ulmus americana</i>	American elm	Nectria canker	<i>Nectria</i> sp.
<i>Ulmus glabra</i> 'Camperdownii'	Camperdown elm	Dutch elm disease	<i>Ophiostoma ulmi</i>
<i>Ulmus</i> sp.	elm	Dutch elm disease	<i>Ophiostoma ulmi</i>
<i>Ulmus</i> sp.	elm	Nectria canker	<i>Nectria</i> sp.
Broadleaf - Bacterial Diseases			
Latin Name	Host	Common Name	Scientific
<i>Magnolia</i> sp.	magnolia	bacterial blight	<i>Pseudomonas syringae</i> pv. <i>syringae</i>
Conifers - Fungal Diseases			
Latin Name	Host	Common Name	Scientific
<i>Abies amabilis</i>	Pacific silver fir	Uredinopsis needle rust	<i>Uredinopsis pteridis</i>
<i>Abies grandis</i>	grand fir	Uredinopsis needle rust	<i>Uredinopsis pteridis</i>
<i>Abies grandis</i>	grand fir	Uredinopsis needle rust	<i>Uredinopsis pteridis</i>
<i>Abies grandis</i>	grand fir	Uredinopsis needle rust	<i>Uredinopsis pteridis</i>
<i>Abies procera</i>	noble fir	Armillaria root rot	<i>Armillaria</i> sp.
<i>Abies procera</i>	noble fir	Armillaria root rot	<i>Armillaria</i> sp.
<i>Abies procera</i>	noble fir	Fomes heart rot	<i>Heterobasidion annosum</i>
<i>Abies procera</i>	noble fir	Fomes heart rot	<i>Heterobasidion annosum</i>
<i>Abies procera</i>	noble fir	Fomes heart rot	<i>Heterobasidion annosum</i>
<i>Abies procera</i>	noble fir	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Abies procera</i>	noble fir	Phytophthora root rot	<i>Phytophthora</i> sp.

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<i>Abies procera</i>	noble fir	Phytophthora root rot Fomes heart rot	<i>Phytophthora</i> sp. <i>Heterobasidion annosum</i> (<i>Fomes annosus</i>)
<i>Abies procera</i>	noble fir	Uredinopsis needle rust	<i>Uredinopsis pteridis</i>
<i>Abies procera</i>	noble fir	Uredinopsis needle rust	<i>Uredinopsis pteridis</i>
<i>Abies procera</i>	noble fir	Uredinopsis needle rust	<i>Uredinopsis pteridis</i>
<i>Abies</i> sp.	fir	Rhizosphaera needlecast	<i>Rhizosphaera</i> sp.
<i>Cedrus atlantica glauca pendula</i>	weeping blue atlas cedar	needle dieback- gray mold	<i>Botrytis</i> sp.
<i>Chamaecyparis</i> sp.	Chamaecyparis	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Juniperus</i> sp.	blue juniper	Phytophthora root rot	<i>Phytophthora cinnamomi</i>
<i>Juniperus</i> sp.	juniper	Twig blight	<i>Kabatina</i> sp.?
<i>Picea</i> sp.	Montgomery spruce	tip blight	<i>Phomopsis</i> sp.
<i>Picea</i> sp.	spruce	Rhizosphaera needlecast	<i>Rhizosphaera</i> sp.
<i>Pinus contorta</i>	shore pine	Lophodermella needlecast	<i>Lophodermella</i> sp.
<i>Pinus contorta</i>	shore pine	Lophodermium needlecast	<i>Lophodermium</i> sp.
<i>Pinus contorta</i> var. <i>contorta</i>	shore pine	Lophodermium needlecast	<i>Lophodermium</i> sp.
<i>Pinus densiflora</i>	Japanese red pine	needlecast	<i>Lophodermella</i> / <i>Lophodermium</i>
<i>Pinus monticola</i>	Western white pine	Lophodermium needlecast	<i>Lophodermium</i> sp.
<i>Pinus monticola</i>	Western white pine	Lophodermium needlecast	<i>Lophodermium</i> sp.
<i>Pinus</i> sp.	pine	Lophodermella needlecast	<i>Lophodermella</i> sp.
<i>Pinus</i> sp.	pine	Lophodermella needlecast	<i>Lophodermella</i> sp.
<i>Pinus</i> sp.	pine	Lophodermella needlecast	<i>Lophodermella</i> sp.
<i>Pinus</i> sp.	pine	Lophodermella needlecast	<i>Lophodermella</i> sp.
<i>Pinus</i> sp.	pine	Lophodermium needlecast	<i>Lophodermium</i> sp. (<i>L. pinastri</i> ?)
<i>Pinus</i> sp.	pine	needlecast	<i>Lophodermium</i> sp. or <i>Lophodermella</i> sp.
<i>Pinus</i> sp.	pine	needlecast	<i>Elytroderma</i> sp. or <i>Lophodermella</i> sp.
<i>Pinus sylvestris</i>	Scotch pine	Lophodermella needlecast	<i>Lophodermella</i> sp.
<i>Pinus sylvestris</i>	Scotch pine	Western gall rust	<i>Peridermium harknesii</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Black Stain Root Disease	<i>Leptographium wagneri</i> var <i>pseudotsugae</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	laminated root rot	<i>Phellinus weirii</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Swiss needlecast	<i>Phaeocryptopus gaeumannii</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Swiss needlecast	<i>Phaeocryptopus gaeumannii</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Swiss needlecast	<i>Phaeocryptopus gaeumannii</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Swiss needlecast	<i>Phaeocryptopus gaeumannii</i>

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<i>Pseudotsuga menziesii</i>	Douglas fir	Swiss needlecast	<i>Phaeocryptopus gaeumannii</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Swiss needlecast Rhabdocline needlecast	<i>Phaeocryptopus gaeumannii</i> <i>Rhabdocline</i> sp.
<i>Pseudotsuga menziesii</i>	Douglas fir	Armillaria root rot	<i>Armillaria</i> sp.
<i>Pseudotsuga menziesii</i>	Douglas fir	Melampsora needle rust	<i>Melampsora occidentalis</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Melampsora needle rust Swiss needlecast	<i>Melampsora occidentalis</i> <i>Phaeocryptopus gaeumannii</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Melampsora needle rust Swiss needlecast	<i>Melampsora occidentalis</i> <i>Phaeocryptopus gaeumannii</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Melampsora needle rust Swiss needlecast	<i>Melampsora occidentalis</i> <i>Phaeocryptopus gaeumannii</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Swiss needlecast	<i>Phaeocryptopus gaeumannii</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Swiss needlecast	<i>Phaeocryptopus gaeumannii</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	red heart or red ring rot	<i>Phellinus pini</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Swiss needlecast	<i>Phaeocryptopus gaeumannii</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Swiss needlecast gray mold	<i>Phaeocryptopus gaeumannii</i> <i>Botrytis cinerea</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Swiss needlecast	<i>Phaeocryptopus gaeumannii</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Swiss needlecast	<i>Phaeocryptopus gaeumannii</i>
<i>Thuja</i> sp.	arborvitae	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Tsuga canadensis</i>	Western hemlock seedlings	Fusarium root rot	<i>Fusarium oxysporum</i>
Flowers & Bulbs - Fungal Diseases			
<u>Latin Name</u>	<u>Host</u>	<u>Common Name</u>	<u>Scientific</u>
<i>Aster</i> sp.	aster	root rot leaf spot	<i>Pythium</i> sp. <i>Fusarium</i> sp. <i>Alternaria</i> sp.
<i>Astilbe</i> sp.	astilbe	root rot and stem blight	<i>Rhizoctonia</i> sp. <i>Pythium</i> sp.
<i>Daphne</i> sp.	daphne	Phytophthora root rot Rhizoctonia root rot	<i>Phytophthora</i> sp. <i>Rhizoctonia</i> sp.
<i>Delphinium</i> sp.	delphinium	root rot	<i>Rhizoctonia</i> sp. <i>Pythium</i> sp.
<i>Euphorbia pulcherrima</i>	poinsettia	Rhizoctonia root rot	<i>Rhizoctonia solani</i>
<i>Fuchsia mag</i>	fuchsia ' Molinea'	gray mold Fusarium wilt	<i>Botrytis cinerea</i> <i>Fusarium</i> sp.
<i>Fuchsia</i> sp.	fuchsia	rust	<i>Pucciniastrum epilobii</i> f. sp. <i>palustris</i>
<i>Iris</i> sp.	bearded iris	leaf spot	<i>Mycosphaerella macrospora</i>
<i>Iris</i> sp.	iris	leaf spot	<i>Mycosphaerella macrospora</i>
<i>Iris</i> sp.	iris	leaf spot	<i>Heterosporium iridis</i>
<i>Lilium</i> sp.	Oriental lily	root rot	<i>Fusarium</i> sp.
<i>Malva</i> sp.	hollyhock	hollyhock rust	<i>Puccinia malvacearum</i>
<i>Paeonia</i>	peony	Cercospora stem blight	<i>Cercospora</i> sp.
<i>Pelargonium</i> sp.	geranium	rust	<i>Puccinia pelargonii-zonalis</i>
<i>Pelargonium</i> sp.	geranium	black leg	<i>Pythium</i> sp.
<i>Pelargonium</i> sp.	zonal geraniums 'Samba' 'Rocky Mt.'	gray mold	<i>Botrytis cinerea</i>
<i>Phlox paniculata</i>	phlox	Pythium root rot	<i>Pythium</i> sp.

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<i>Phygelens recta</i>	phygelens	black root rot	<i>Thielaviopsis basicola</i>
<i>Phygelius x rectus</i>	Phygelius x rectus 'Winchester Fanfare'	gray mold Fusarium wilt	<i>Botrytis cinerea</i> <i>Fusarium</i> sp.
<i>Schizostylis coccinea</i>	Kaffir lily	leaf spot	
<i>Tricyrtis nitri</i>	lily	possible Botrytis blight	<i>Botrytis</i> sp.
<i>Trillium</i> sp.	trillium	smut	<i>Urocystis trillii</i>
<i>Tropaeolum polyphyllum</i>	wreath nasturtium	gray mold	<i>Botrytis cinerea</i>
<i>Tulipa</i> sp.	tulip	blue mold basal rot	<i>Penicillium</i> sp. <i>Fusarium</i> sp. <i>Pythium</i> sp.
Flowers & Bulbs - Bacterial Diseases			
Latin Name	Host	Common Name	Scientific
<i>Pelargonium</i> sp.	zonal geraniums 'Samba' 'Rocky Mt.'	leaf spot	<i>Xanthomonas hortorum</i> pv. <i>perlargonium</i>
<i>Pelargonium</i> sp.	geranium	bacterial blight	<i>Xanthomonas hortorum</i> pv. <i>perlargonii</i>
Flowers & Bulbs - Viral Diseases			
Latin Name	Host	Common Name	Scientific
<i>Helleborus</i> sp.	Christmas rose	cucumber mosaic virus	cucumber mosaic virus
Houseplants - Fungal Diseases			
Latin Name	Host	Common Name	Scientific
<i>Cyclamen</i> sp.	Cyclamen	Fusarium wilt	<i>Fusarium oxysporum</i> f. sp. <i>cylaminis</i>
<i>Fuchsia</i> sp. <i>Pelargonium</i> sp.	Fuchsia and geranium	Pythium root rot & black root rot	<i>Pythium</i> sp. <i>Thielaviopsis</i> <i>basicola</i>
Small Fruits & Berries - Fungal Diseases			
Latin Name	Host	Common Name	Scientific
<i>Fragaria</i> sp.	strawberry 'Hood'	leaf blotch/stem-end rot	<i>Gnomonia comari</i>
<i>Fragaria</i> sp.	strawberry 'Puget Summer'	powdery mildew	<i>Sphaerotheca macularis</i> <i>Phytophthora fragariae</i> var. <i>fragariae</i>
<i>Fragaria</i> sp.	strawberry 'Tristar'	red stele	
<i>Rubus idaeus</i>	raspberry	Ascospora dieback	<i>Seimatosporium lichenicola</i>
<i>Rubus idaeus</i>	raspberry	gray mold	<i>Botrytis cinerea</i>
<i>Rubus idaeus</i>	raspberry	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Rubus idaeus</i>	raspberry	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Rubus idaeus</i>	raspberry	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Rubus idaeus</i>	raspberry	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Rubus idaeus</i>	raspberry	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Rubus idaeus</i>	raspberry	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Rubus idaeus</i>	raspberry	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Rubus idaeus</i>	raspberry	yellow rust	<i>Phragmidium rubi-idaei</i>
<i>Rubus idaeus</i>	raspberry 'Canby'	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Rubus idaeus</i>	raspberry 'Chilliwack' 'Meeker'	cane Botrytis	<i>Botrytis cinerea</i>
<i>Rubus idaeus</i>	raspberry 'Meeker' and 'Amity'	Pythophthora root rot	<i>Phytophthora</i> sp.

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<i>Rubus idaeus</i>	raspberry seedlings from tissue culture	root rot	<i>Cylindrocarpon</i> sp.
<i>Rubus idaeus</i>	raspberry 'Tulameen'	cane blight spur blight Phytophthora root rot	<i>Botrytis cinerea</i> <i>Phytophthora</i> sp. <i>Didymella applanata</i>
<i>Rubus idaeus</i>	raspberry 'Tulameen'	cane blight spur blight	<i>Botrytis cinerea</i> <i>Didymella applanata</i>
<i>Rubus idaeus</i>	raspberry 'Tulameen'	cane Botrytis	<i>Botrytis cinerea</i>
<i>Rubus idaeus</i>	raspberry 'Tulameen'	root rot anthracnose	<i>Phytophthora</i> sp. <i>Colletotrichum</i> sp.
<i>Rubus idaeus</i>	raspberry 'Willamette'	yellow rust root rot	<i>Phragmidium rubi-idaei</i> <i>Armillaria</i> sp.
<i>Rubus idaeus</i>	raspberry	Phytophthora root rot	<i>Phytophthora</i> sp.
<i>Rubus idaeus</i>	red raspberry 'Meeker'	cane blight spur blight	<i>Botrytis cinerea</i> <i>Didymella applanata</i>
<i>Rubus</i> sp.	blackberry	anthracnose	<i>Elsinoe veneta</i>
<i>Rubus</i> sp.	boysenberry	gray mold	<i>Botrytis cinerea</i>
<i>Vaccinium</i> sp.	blueberry 'Duke' 'Toro'	gray mold	<i>Botrytis cinerea</i>
<i>Vaccinium</i> sp.	blueberries 'Weymouth'	Botrytis blight	<i>Botrytis cinerea</i>
<i>Vaccinium</i> sp.	blueberry	Fusicoccum canker Phomopsis canker anthracnose	<i>Fusicoccum</i> sp. <i>Phomopsis</i> sp. <i>Colletotrichum</i> sp.
<i>Vaccinium</i> sp.	blueberry 'Bluecrop'	twig dieback	<i>Phomopsis</i> sp. <i>Botrytis</i> sp.
<i>Vitis</i> sp.	grape	leaf & cane spot	<i>Phomopsis</i> sp.
Small Fruits & Berries - Bacterial Diseases			
Latin Name	Host	Common Name	Scientific
<i>Vitis</i> sp.	grape	crown gall	<i>Agrobacterium vitis</i>
Small Fruits & Berries - Viral Diseases			
Latin Name	Host	Common Name	Scientific
<i>Rubus idaeus</i>	raspberry 'Tulameen'	tomato ringspot virus	ToRSV
<i>Rubus idaeus</i>	raspberry 'Chilliwack' 'Meeker'	tomato ringspot virus	ToRSV
Small Fruits & Berries - Nematodes			
Latin Name	Host	Common Name	Scientific
<i>Fragaria</i> sp.	strawberry 'Totem'	Root-lesion nematodes	<i>Pratylenchus</i> sp.
Tree Fruits - Fungal Diseases			
Latin Name	Host	Common Name	Scientific
<i>Corylus</i> sp. 'Ennis'	hazelnut (filbert)	Eastern filbert blight	<i>Anisogramma anomala</i>
<i>Cydonia oblonga</i> 'Pineapple'	quince	Entomosporium leaf spot	<i>Entomosporium mespili</i>
<i>Diospyros</i> sp.	persimmon 'Izu'	Phomopsis canker	<i>Phomopsis</i> sp.
<i>Juglans nigra</i>	English walnut	downy leaf spot	<i>Microstroma juglandis</i>
<i>Malus domestica</i>	apple	anthracnose	<i>Cryptosporiopsis curvispora</i>
<i>Malus domestica</i>	apple	apple scab	<i>Venturia inaequalis</i>
<i>Malus domestica</i>	apple	apple scab	<i>Venturia inaequalis</i>
<i>Malus domestica</i>	apple	apple scab	<i>Venturia inaequalis</i>

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<i>Malus domestica</i>	apple	apple scab	<i>Venturia inaequalis</i>
<i>Malus domestica</i>	apple	apple scab brown rot	<i>Venturia inaequalis</i> <i>Monilinia</i> <i>sp.</i>
<i>Malus domestica</i>	apple	brown rot	<i>Monilinia</i> <i>sp.</i>
<i>Malus domestica</i>	apple	European canker Phomopsis canker	<i>Nectria galligena</i> <i>Phomopsis</i> <i>sp.</i>
<i>Malus domestica</i>	apple	Phomopsis canker	<i>Phomopsis</i> <i>sp.</i>
<i>Malus domestica</i>	apple 'Fortune' 'Red Melba'	European canker	<i>Nectria galligena</i>
<i>Malus domestica</i>	Apple 'Golden Delicious'	heartrot	<i>Trametes??</i>
<i>Malus domestica</i>	apple 'Liberty'	anthracnose	<i>Cryptosporiopsis curvispora</i>
<i>Malus domestica</i>	apple	apple scab	<i>Venturia inaequalis</i>
<i>Malus domestica</i>	apple 'Gravenstein'	apple scab	<i>Venturia inaequalis</i>
<i>Malus domestica</i>	apple 'Red Delicious'	apple scab	<i>Venturia inaequalis</i>
<i>Prunus armeniaca</i>	apricot	brown rot	<i>Monilinia</i> <i>sp.</i>
<i>Prunus domestica</i>	European plum	Coryneum blight (shothole) brown rot	<i>Wilsonomyces carpophilus</i> <i>Monilinia</i> <i>sp.</i>
<i>Prunus persica</i>	peach	Coryneum blight	<i>Wilsonomyces carpophilus</i>
<i>Prunus persica</i>	peach	Coryneum blight	<i>Wilsonomyces carpophilus</i>
<i>Prunus persica</i>	peach	Coryneum blight (shothole)	<i>Wilsonomyces carpophilus</i>
<i>Prunus persica</i>	peach	peach leaf curl Coryneum blight	<i>Taphrina deformans</i> <i>Wilsonomyces carpophilus</i>
<i>Prunus persica</i>	peach 'Frost'	brown rot	<i>Monilinia</i> <i>sp.</i>
<i>Prunus persica</i>	peach 'Frost'	brown rot	<i>Monilinia</i> <i>sp.</i>
<i>Prunus</i> <i>sp.</i>	cherry	brown rot	<i>Monilinia</i> <i>sp.</i>
<i>Prunus</i> <i>sp.</i>	cherry	Coryneum blight brown rot	<i>Wilsonomyces carpophilus</i> <i>Monilinia</i> <i>sp.</i>
<i>Prunus</i> <i>sp.</i>	cherry 'Angela'	witches' broom (cherry leaf curl)	<i>Taphrina weisneri</i>
<i>Prunus</i> <i>sp.</i>	cherry 'Rainier'	witches' broom	<i>Taphrina wiesneri</i>
<i>Prunus</i> <i>sp.</i>	Italian plum	Coryneum blight	<i>Wilsonomyces carpophilus</i>
<i>Prunus</i> <i>sp.</i>	plum	Coryneum blight	<i>Wilsonomyces carpophilus</i>
<i>Prunus</i> <i>sp.</i>	plum	Coryneum blight	<i>Wilsonomyces carpophilus</i>
<i>Pyrus communis</i>	pear	pear trellis rust	<i>Gymnosporangium fuscum</i>
Tree Fruits - Bacterial Diseases			
Latin Name	Host	Common Name	Scientific
<i>Juglans regia</i>	walnut "Franquette"	walnut blight	<i>Xanthomonas arboricola</i> <i>pv.</i> <i>juglandis</i>
Turfgrass - Fungal Diseases			
Latin Name	Host	Common Name	Scientific
<i>Agrostis palustris</i>	bentgrass	dollar spot	<i>Sclerotinia homoeocarpa</i>
<i>Agrostis</i> <i>sp.</i>	bentgrass	Pythium shoot blight downy mildew	<i>Pythium</i> <i>sp.</i> <i>Sclerophthora</i> <i>macrospora</i>
<i>Agrostis</i> <i>sp.</i>	bentgrass	anthracnose	<i>Colletotrichum graminicola</i>
<i>Agrostis</i> <i>sp.</i>	bentgrass	anthracnose	<i>Colletotrichum graminicola</i>
<i>Agrostis</i> <i>sp.</i>	bentgrass	anthracnose	<i>Colletotrichum graminicola</i>
<i>Agrostis</i> <i>sp.</i>	Penncross bentgrass	yellow patch	<i>Rhizoctonia cerealis</i>

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<i>Agrostis</i> sp. & <i>Lolium</i> sp.	bentgrass & ryegrass	Pythium crown rot anthracnose take-all patch	<i>Pythium</i> sp. <i>Colletotrichum graminicola</i> <i>Gaeumannomyces graminis</i> var. <i>avenae</i>
<i>Festuca</i> sp.	fescue	pink patch anthracnose	<i>Limonomyces roseipellis</i> <i>Colletotrichum graminicola</i>
<i>Festuca</i> sp.	fescue home lawn	anthracnose (summer stage)	<i>Colletotrichum graminicola</i>
<i>Festuca</i> sp.	home lawn	anthracnose basal rot yellow patch	<i>Colletotrichum graminicola</i> <i>Rhizoctonia cerealis</i>
<i>Festuca</i> sp.	tall fescue from New Zealand	possibly leaf blotch or scald	<i>Rhynchosporium</i> sp.
<i>Lolium perenne</i>	perennial ryegrass	anthracnose Drechslera leafspot	<i>Colletotrichum graminicola</i> <i>Drechslera</i> sp.
<i>Lolium perenne</i>	perennial ryegrass	Drechslera leafspot	<i>Drechslera</i> sp.
<i>Lolium perenne</i>	perennial ryegrass	yellow patch	<i>Rhizoctonia cerealis</i>
<i>Lolium perenne</i> <i>Festuca</i> sp.	perennial rye and fine fescue	anthracnose leaf blight crown rot	<i>Colletotrichum graminicola</i> <i>Ascochyta</i> sp. <i>Pythium</i> sp.
<i>Lolium</i> sp.	ryegrass	slime mold	
<i>Poa annua</i>	annual bluegrass	anthracnose	<i>Colletotrichum graminicola</i>
<i>Poa annua</i>	annual bluegrass	anthracnose basal rot	<i>Colletotrichum graminicola</i>
<i>Poa annua</i>	annual bluegrass	Fusarium patch	<i>Microdochium nivale</i>
<i>Poa annua</i>	turf	brown patch	<i>Rhizoctonia solani</i>
<i>Poa annua</i>	turf	Curvularia blight	<i>Curvularia</i> sp.
<i>Poa annua</i>	turf	dollar spot	<i>Sclerotinia homoeocarpa</i>
<i>Poa pratensis</i>	Kentucky bluegrass	Curvularia blight	<i>Curvularia</i> sp.
<i>Poa</i> sp. <i>Festuca</i> sp.	home lawn	Drechslera leaf spot	<i>Drechslera</i> sp.
	home lawn	leaf spot	<i>Septoria</i> sp. <i>Drechslera</i> sp.
	home lawn	anthracnose (summer stage)	<i>Colletotrichum graminicola</i>
	home lawn	anthracnose/basal crown rot	<i>Colletotrichum graminicola</i>
	home lawn	anthracnose/basal crown rot	<i>Colletotrichum graminicola</i>
	home lawn	anthracnose/basal crown rot	<i>Colletotrichum graminicola</i>
	home lawn	brown patch Pythium crown/root rot Curvularia blight	<i>Rhizoctonia solani</i> <i>Pythium</i> sp. <i>Curvularia</i> sp.
	home lawn	Curvularia blight	<i>Curvularia</i> sp.
	home lawn	downy mildew anthracnose red thread	<i>Sclerophthora macrospora</i> <i>Colletotrichum graminicola</i> <i>Laetisaria fusiformis</i>
	home lawn	Drechslera leaf spot	<i>Drechslera</i> sp.
	home lawn	Fusarium patch	<i>Microdochium nivale</i>
	home lawn	grass rust	<i>Puccinia</i> sp.
	home lawn	leaf spot	<i>Drechslera erythrospila</i>
	home lawn	leaf spot	<i>Drechslera</i> sp.
	home lawn	Pythium crown/root rot	<i>Pythium</i> sp.

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	home lawn	Typhula snow mold	<i>Typhula</i> sp.
	home lawn	Typhula snow mold	<i>Typhula</i> sp.
	home lawn	Typhula snow mold	<i>Typhula</i> sp.
	home lawn	Typhula snow mold Septoria leaf spot	<i>Typhula</i> sp. <i>Septoria</i> sp.
	home lawn (new)	damping off	<i>Pythium</i> sp.
	lawn	Fusarium patch	<i>Microdochium nivale</i>
	lawn	yellow patch	<i>Rhizoctonia cerealis</i>
	turf	anthracnose	<i>Colletotrichum graminicola</i>
	turf	anthracnose basal rot	<i>Colletotrichum graminicola</i>
	turf	damping-off	<i>Pythium</i> sp.
	turf	downy mildew	<i>Sclerophthora macrospora</i>
	turf	downy mildew	<i>Sclerophthora macrospora</i>
	turf	Drechslera leaf blight	<i>Drechslera</i> sp.
	turf	Fusarium patch take-all patch	<i>Microdochium nivale</i> <i>Gaeumannomyces graminis</i> var. <i>avenae</i>
	turf	yellow patch downy mildew	<i>Rhizoctonia cerealis</i> <i>Sclerophthora macrospora</i>
Vegetables & Herbs - Fungal Diseases			
Latin Name	Host	Common Name	Scientific
<i>Allium sativum</i>	garlic	gray mold	<i>Botrytis cinerea</i>
<i>Allium sativum</i>	garlic (hard top)	white rot	<i>Sclerotium cepivorum</i>
<i>Brassica oleracea</i>	cabbage (HMX 207270 - female parent)	downy mildew	<i>Peronospora parasitica</i>
<i>Cucumis sativus</i>	cucumber	Alternaria leaf spot	<i>Ulocladium</i> sp. <i>Alternaria</i> sp.
<i>Cucumis sativus</i>	burpless cucumbers	Alternaria leaf spot	<i>Ulocladium</i> sp. <i>Alternaria</i> sp.
<i>Cucumis sativus</i>	cucumber seedlings	damping-off	<i>Pythium</i> sp.
<i>Cucumis sativus</i>	cucumber	wilt	<i>Fusarium oxysporum</i>
<i>Cucurbita pepo</i>	pumpkin	scab	<i>Cladosporium cucumerinum</i>
<i>Helianthus annuus</i>	sunflower	seed infection	<i>Alternaria</i> sp.
<i>Helianthus</i> sp.	sunflower seedlings (for sprouts)	Alternaria seedling blight	<i>Alternaria</i> sp.
<i>Lactuca sativa</i>	Lettuce	downy mildew	<i>Bremia lactucae</i>
<i>Lycopersicon esculatum</i>	tomato 'Blitz'	gray mold	<i>Botrytis cinerea</i>
<i>Lycopersicon esculentum</i>	tomato	root rot	<i>Phytophthora</i> sp.
<i>Lycopersion esculentum</i>	tomatoes	late blight	<i>Phytophthora infestans</i>
<i>Lycopersion</i> sp.	tomato & tomatillo	gray mold	<i>Botrytis cinerea</i>
<i>Ocimum basilicum</i>	basil	gray mold root rot	<i>Botrytis cinerea</i> <i>Pythium</i> sp.
<i>Ocimum basilicum</i> 'African Blue'	basil	black root rot	<i>Thielaviopsis basicola</i>
<i>Panax quinquefolius</i>	ginseng	Alternaria blight	<i>Alternaria</i> sp.
<i>Panax quinquefolius</i>	ginseng	Disappearing root rot or rusty root	<i>Cylindrocarpon</i> sp.
<i>Phaseolus vulgaris</i>	snap beans	gray mold	<i>Botrytis cinerea</i>
<i>Phaseolus vulgaris</i>	snap beans 'Blue Lake'	Rhizoctonia root rot	<i>Rhizoctonia solani</i>
<i>Phaseolus vulgaris</i>	bean	root rot	<i>Thielaviopsis basicola</i>

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<i>Pisum sativum</i>	peas (snowpea sugar snap shell)	Aphanomyces root rot	<i>Aphanomyces euteiches</i> f. sp. <i>psi</i>
<i>Pisum sativum</i>	pea seedlings	damping-off	<i>Fusarium</i> sp. <i>Pythium</i> sp.
<i>Pisum sativum</i>	pea	powdery mildew	<i>Erysiphe polygoni</i>
<i>Raphanus sativus</i>	radish	downy mildew	<i>Peronospora parasitica</i>
<i>Solanum tuberosum</i>	potato	late blight - tuber blight	<i>Phytophthora infestans</i>
<i>Spinacea oleracea</i>	hybrid spinach seed	Cladosporium leaf spot	<i>Cladosporium variable</i>
<i>Vicia fava</i>	fava beans	root rot	
Vegetables & Herbs - Bacterial Diseases			
<u>Latin Name</u>	<u>Host</u>	<u>Common Name</u>	<u>Scientific</u>
<i>Coriandrum sativum</i>	seed cilantro	leaf spot	
<i>Lactuca sativa</i>	lettuce	marginal leaf spot	<i>Pseudomonas fluorescens</i>
Vegetables & Herbs - Viral Diseases			
<u>Latin Name</u>	<u>Host</u>	<u>Common Name</u>	<u>Scientific</u>
<i>Brassica oleracea</i>	cabbage (HMX 207270 - female parent)	cauliflower mosaic virus	CaMV
<i>Cucumis sativa</i>	cucumber	virus	
<i>Glycine max</i>	edamame (edible soybean)	possible viral infection	
<i>Solanum tuberosum</i>	potato	potato leafroll virus (PLRV)	luteovirus
Vegetables & Herbs - Nematodes			
<u>Latin Name</u>	<u>Host</u>	<u>Common Name</u>	<u>Scientific</u>
<i>Pisum sativum</i>	pea seedlings	nematodes	<i>Pratylenchus</i> sp.
Groundcovers - Fungal Diseases			
<u>Latin Name</u>	<u>Host</u>	<u>Common Name</u>	<u>Scientific</u>
<i>Festuca viridula</i> & <i>Carex</i> spp.	fescue carex	rust rot	<i>Puccinia</i> sp. <i>Pythium</i> sp.
<i>Gaultheria shallon</i>	salal	leaf spot	<i>Pestalotiopsis</i> sp.
<i>Geum triflorum</i>	geum	root rot	<i>Phytophthora</i> sp.
<i>Heuchera</i> spp.	heuchera	rust	<i>Puccinia heucherae</i>
<i>Vinca minor</i>	common periwinkle	leaf spot stem dieback	<i>Phomopsis</i> sp. <i>Colletotrichum</i> sp.