

Appendix 1

2004 Host Pathogen Index for the WSU Puyallup Plant and Insect Diagnostic Laboratory

Broadleaf Trees, Bacterial Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
flowering pear	<i>Pyrus calleriana</i>	bacterial blight	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	King	5/12/2004
flowering pear	<i>Pyrus</i> sp.	bacterial blight	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	King	6/9/2004
Japanese maple	<i>Acer palmatum</i>	bacterial leaf spot	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	Thurston	4/23/2004
pear	<i>Pyrus</i> sp.	bacterial blight	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	Pierce	12/22/2004

Broadleaf Trees, Fungal Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
Albizia	<i>Albizia julibrissin</i>	canker	<i>Coniothyrium</i> sp. <i>Nectria cinnabarina</i> (<i>Tubercularia</i> <i>vulgaris</i>)	Pierce	6/3/2004
alder	<i>Alnus rubra</i>	Nectria canker		Island	4/16/2004
big leaf maple	<i>Acer macrophyllum</i>	Verticillium wilt	<i>Verticillium</i> sp.	Skagit	9/14/2004
blue atlas cedar	<i>Cedrus atlantica</i>	gray mold	<i>Botrytis cinerea</i>	King	7/22/2004
catalpa	<i>Catalpa</i> sp.	powdery mildew	<i>Erysiphe</i> sp.	Pierce	9/8/2004
cherry	<i>Prunus</i> sp	brown rot	<i>Monilinia fruticola</i>	King	10/8/2004
cherry	<i>Prunus</i> sp	brown rot	<i>Monilinia fruticola</i>	King	6/16/2004
cherry 'Kwanzan'	<i>Prunus serrulata</i>	Coryneum blight	<i>Wilsonomyces carpophilus</i>	King	5/26/2004
cherry 'Nanking'	<i>Prunus tormentosa</i>	brown rot	<i>Monilinia fruticola</i>	Pierce	4/12/2004
dogwood	<i>Cornus</i> sp.	powdery mildew	<i>Microsphaera</i> sp.	Pierce	7/28/2004
dogwood	<i>Cornus</i> sp.	powdery mildew	<i>Microsphaera</i> sp.	Jefferson	9/23/2004
flowering cherry	<i>Prunus</i> sp	Coryneum blight	<i>Wilsonomyces carpophilus</i>	San Juan	9/14/2004
Japanese laceleaf maple	<i>Acer palmatum</i>	Verticillium wilt	<i>Verticillium</i> sp.	Pierce	8/2/2004
Japanese maple	<i>Acer palmatum</i>	Phytophthora root rot	<i>Phytophthora</i> sp.	Thurston	4/23/2004
Japanese maple	<i>Acer palmatum</i>	Phytophthora root rot	<i>Phytophthora</i> sp.	Pierce	5/11/2004
Japanese maple	<i>Acer palmatum</i>	Verticillium wilt	<i>Verticillium</i> sp.	Pierce	8/9/2004

Japanese maple	<i>Acer palmatum</i>	Verticillium wilt	<i>Verticillium dahliae</i>	Pierce	9/8/2004
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Broadleaf Trees, Fungal Diseases, continued

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
Japanese maple	<i>Acer palmatum</i>	Verticillium wilt	<i>Verticillium dahliae</i>	Thurston	9/8/2004
Japanese maple	<i>Acer palmatum</i>	Verticillium wilt	<i>Verticillium dahliae</i>	Pierce	10/18/2004
Japanese maple	<i>Acer palmatum</i>	Verticillium wilt	<i>Verticillium</i> sp.	King	12/6/2004
Japanese maple	<i>Acer palmatum</i>	Nectria canker	<i>Nectria</i> sp.	Pierce	3/17/2004
lombardy poplar	<i>Populus nigra</i>	leaf & shoot blight	<i>Venturia</i> sp.	King	11/29/2004
maple	<i>Acer</i> sp.	anthracnose	<i>Discula</i> sp.	Lewis	5/20/2004
maple	<i>Acer</i> sp.	Verticillium wilt	<i>Verticillium</i> sp.	Clark	7/21/2004
oak	<i>Quercus</i> sp.	oak leaf blister	<i>Taphrina caerulescens</i>	Pierce	9/10/2004
oak	<i>Quercus</i> sp.	powdery mildew	<i>Microsphaera</i> sp.	Pierce	6/28/2004
pear stump	<i>Pyrus</i> sp.	rot	Basidiomycete	out-of-state (OR)	9/23/2004
poplar	<i>Populus</i> sp.	poplar leaf rust	<i>Melampsora</i> sp.	Pierce	9/22/2004
Prunus sp.	<i>Prunus</i> sp.	brown rot	<i>Monilinia fruticola</i>	Kitsap	3/24/2004
Rocky Mountain maple	<i>Acer glabrum</i>	Verticillium wilt	<i>Verticillium dahliae</i>	San Juan	9/14/2004
umbrella tree		Nectria canker	<i>Nectria</i> sp.	Jefferson	3/8/2004

Broadleaf Trees, Bacterial Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
flowering cherry	<i>Prunus</i> sp.	cherry mottle leaf virus	cherry mottle leaf virus	King	6/17/2004

Conifers, Fungal Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
arborvitae	<i>Thuja occidentalis</i>	Armillaria root rot	<i>Armillaria</i> sp.	King	4/30/2004
arborvitae	<i>Thuja</i> sp.	Phytophthora root rot	<i>Phytophthora</i> sp.	Pierce	1/29/2004
blue spruce	<i>Picea</i> sp.	Rhizosphaera needlecast	<i>Rhizosphaera</i> sp.	Kitsap	11/5/2004
Douglas-fir	<i>Pseudotsuga menziesii</i>	Armillaria root rot	<i>Armillaria</i> sp.	King	4/8/2004
Douglas-fir	<i>Pseudotsuga menziesii</i>	Botrytis blight	<i>Botrytis cinerea</i>	Kitsap	5/6/2004
Douglas-fir	<i>Pseudotsuga menziesii</i>	Botrytis blight	<i>Botrytis cinerea</i>	Kitsap	9/23/2004
Douglas-fir	<i>Pseudotsuga menziesii</i>	laminated root rot	<i>Phellinus weirii</i>	Thurston	3/18/2004
Douglas-fir	<i>Pseudotsuga menziesii</i>	Phoma canker	<i>Phoma</i> sp.	Pierce	5/13/2004
Douglas-fir	<i>Pseudotsuga menziesii</i>	Phomopsis canker	<i>Phomopsis</i> sp.	Kitsap	9/23/2004
Douglas-fir	<i>Pseudotsuga menziesii</i>	Phomopsis canker	<i>Phomopsis</i> sp.	Kitsap	10/20/2004

Douglas-fir	<i>Pseudotsuga menziesii</i>	Phomopsis canker	<i>Phomopsis</i> sp.	Kitsap	11/29/2004
Douglas-fir	<i>Pseudotsuga menziesii</i>	Swiss needlecast	<i>Phaeocryptopus gaeumannii</i>	King	3/19/2004

Conifers, Fungal Diseases, continued

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
Douglas-fir	<i>Pseudotsuga menziesii</i>	Swiss needlecast	<i>Phaeocryptopus gaeumannii</i>	Clark	5/10/2004
fir	<i>Abies</i> sp.	Grovesiella canker	<i>Grovesiella</i> sp.	King	9/29/2004
fir seedlings	<i>Abies</i> sp.	Lirula needlecast	<i>Lirula</i> sp.	Pierce	9/23/2004
grand fir	<i>Abies grandis</i>	needle rust	<i>Uredinopsis pteridis</i> or <i>Pucciniastrum goeppertianum</i>	Clallam	12/8/2004
hemlock	<i>Tsuga</i> sp.	Phytophthora root rot	<i>Phytophthora</i> sp.	King	3/17/2004
juniper	<i>Juniperus</i> sp.	Phomopsis twig blight	<i>Phomopsis</i> sp.	Pierce	6/11/2004
juniper	<i>Juniperus</i> sp.	twig blight	<i>Seiridium cardinale</i>	Pierce	5/20/2004
juniper 'Pfitzer'	<i>Juniperus</i> sp.	twig blight	<i>Phomopsis juniperovora</i>	King	2/16/2004
Leyland cypress	<i>X Cupressocyparis leylandii</i>	Phytophthora root rot	<i>Phytophthora</i> sp.	King	9/14/2004
Leyland cypress	<i>X Cupressocyparis leylandii</i>	twig blight	<i>Phomopsis</i> sp.	Snohomish	6/1/2004
monkey puzzle tree	<i>Araucaria araucana</i>	seed fungi	<i>Penicillium</i> sp.	Thurston	5/27/2004
noble and white fir	<i>Abies procera</i> & <i>Abies concolor</i>	Annosus root disease	<i>Heterobasidion annosum</i>	out-of-state (CA)	4/19/2004
noble and white fir	<i>Abies procera</i> & <i>Abies concolor</i>	Phytophthora root rot	<i>Phytophthora</i> sp.	out-of-state (CA)	4/19/2004
noble fir	<i>Abies procera</i>	Annosus root disease	<i>Heterobasidion annosum</i>	Clark	8/9/2004
noble fir	<i>Abies procera</i>	needlecast	<i>Rhizosphaera</i> sp.	Pierce	10/25/2004
pine	<i>Pinus</i> sp.	Lophodermella needlecast	<i>Lophodermella</i> sp.	Clallam	5/28/2004
ponderosa pine	<i>Pinus ponderosa</i>	Elytroderma needle cast	<i>Elytroderma deformans</i>	Clallam	10/14/2004
white pine	<i>Pinus</i> sp.	white pine blister rust	<i>Cronartium ribicola</i>	Island	6/17/2004

Conifers, Parasitic Plants Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
hemlock	<i>Tsuga</i> sp.	dwarf mistletoes	<i>Arceuthobium tsugense</i>	King	3/15/2004

Shrubs & Vines, Bacterial Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
cotoneaster	<i>Cotoneaster</i> sp.	bacterial blight	<i>Pseudomonas syringae</i>	King	12/6/2004

laurel	<i>Prunus</i> sp	bacterial blight	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	Pacific	7/13/2004
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Shrubs & Vines, Fungal Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
akebia	<i>Akebia quinata</i>	powdery mildew	<i>Microsphaera akebiae</i>	Skagit	2/17/2004
azalea	<i>Rhododendron</i> sp.	black spot	<i>Marssonina rosae</i>	Pierce	5/21/2004
boxwood	<i>Buxus sempervirens</i>	Armillaria root rot	<i>Armillaria</i> sp.	King	12/9/2004
boxwood	<i>Buxus sempervirens</i>	boxwood canker	<i>Volutella buxi</i>	King	3/4/2004
boxwood	<i>Buxus sempervirens</i>	boxwood canker	<i>Volutella buxi</i>	King	3/4/2004
boxwood	<i>Buxus sempervirens</i>	boxwood canker	<i>Volutella buxi</i>	Pierce	4/30/2004
contorted filbert	<i>Corylus</i> sp.	Eastern filbert blight	<i>Anisogramma anomala</i>	Clark	7/2/2004
English laurel	<i>Prunus laurocerasus</i>	brown rot	<i>Monilinia fruticola</i>	King	5/24/2004
euonymus	<i>Euonymus</i> sp.	Verticillium wilt	<i>Verticillium</i> sp.	King	11/5/2004
hebe	<i>Hebe buxifolia</i> 'Caledonia'	Rhizoctonia root rot	<i>Rhizoctonia</i> sp.	King	10/14/2004
Japanese holly	<i>Ilex crenata</i>	Armillaria root rot	<i>Armillaria</i> sp.	King	10/14/2004
Japanese holly	<i>Ilex crenata</i>	black root rot	<i>Thielaviopsis basicola</i>	King	7/9/2004
Japanese holly	<i>Ilex crenata</i>	root rot	<i>Cylindrocladium</i> sp.	King	12/9/2004
juniper	<i>Juniperus</i> sp.	Phytophthora root rot	<i>Phytophthora</i> sp.	Kitsap	7/30/2004
lilac	<i>Syringa vulgaris</i>	powdery mildew	<i>Microsphaera</i> sp.	Pierce	10/1/2004
lilac	<i>Syringa vulgaris</i>	powdery mildew	<i>Microsphaera</i> sp.	Lewis	10/7/2004
nandina	<i>Nandina domestica</i>	powdery mildew	<i>Microsphaera berberidis</i>	Pierce	4/5/2004
photinia	<i>Photinia</i> sp.	Diplocarpon leaf spot	<i>Entomosporium mespili</i>	Pierce	6/22/2004
photinia	<i>Photinia</i> sp.	Diplocarpon leaf spot	<i>Entomosporium mespili</i>	Pierce	2/2/2004
photinia	<i>Photinia</i> sp.	wood rot	basidiomycete	Clark	8/18/2004
red oiser dogwood	<i>Cornus stonifera</i>	Septoria leaf spot	<i>Septoria</i> sp.	Pierce	9/1/2004
rhododendron	<i>Rhododendron</i> sp.	leaf spot	<i>Pestalotia</i> sp.	King	4/25/2004
rhododendron	<i>Rhododendron</i> sp.	powdery mildew	<i>Microsphaera azaleae</i>	Skagit	5/13/2004
rhododendron	<i>Rhododendron</i> sp.	powdery mildew	<i>Microsphaera azaleae</i>	King	8/5/2004
rhododendron	<i>Rhododendron</i> sp.	gray blight leaf spot	<i>Pestalotiopsis</i> sp.	Snohomish	12/22/2004
serviceberry	<i>Amelanchier alnifolia</i>	Phytophthora root rot	<i>Phytophthora</i> sp.	Skagit	5/21/2004
smoke tree	<i>Cotinus coggyria</i>	Verticillium wilt	<i>Verticillium</i> sp.	King	10/13/2004
snowberry	<i>Symphoricarpus alba</i>	powdery mildew	<i>Erysiphe</i> sp.	Clark	9/8/2004
viburnum	<i>Viburnum tinus</i>	powdery mildew	<i>Microsphaera sparsa</i>	Snohomish	10/18/2004

Groundcovers, Fungal Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
blue star creeper	<i>Pratia pedunculata</i>	Rhizoctonia root rot	<i>Rhizoctonia</i> sp.	King	3/18/2004
blue star creeper	<i>Pratia pedunculata</i>	Rhizoctonia root rot	<i>Rhizoctonia</i> sp.	Pierce	7/9/2004

Groundcovers, Fungal Diseases, continued

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
kinnikinnick	<i>Arctostaphylos uva-ursi</i>	leaf spot	<i>Pestalotia</i> sp.	King	9/23/2004
salal	<i>Gaultheria shallon</i>	black root rot	<i>Thielaviopsis basicola</i>	King	8/23/2004
salal	<i>Gaultheria shallon</i>	leaf spot	<i>Phyllosticta</i> sp.	Pierce	10/14/2004
vinca	<i>Vinca</i> sp.	Rhizoctonia root rot	<i>Rhizoctonia</i> sp.	King	8/27/2004

Groundcovers, Parasitic Plant Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
saltgrass		dodder	Cuscutaceae	Jefferson	7/16/2004

Flowers & Bulbs, Fungal Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
dahlia	<i>Dahlia</i> sp.	tuber storage rot	<i>Fusarium</i> sp.	King	12/2/2004
gladiolus	<i>Gladiolus</i> sp.	Stromatinia neck rot	<i>Stromatinia gladioli</i>	Kitsap	6/4/2004
iris	<i>Iris</i> sp.	leaf spot	<i>Mycosphaerella</i> sp.	King	5/19/2004
ivy geranium	<i>Pelargonium</i> sp.	black root rot	<i>Thielaviopsis basicola</i>	Pierce	3/31/2004
lupine	<i>Lupinus</i> sp.	downy mildew	<i>Peronospora trifoliorum</i>	King	5/19/2004
lupine	<i>Lupinus</i> sp.	powdery mildew	<i>Erysiphe polygoni</i>	King	5/19/2004
peony	<i>Paeonia</i> sp.	Botrytis blight	<i>Botrytis</i> sp.	King	5/19/2004
rose	<i>Rosa</i> sp.	Botrytis blight	<i>Botrytis cinerea</i>	Pierce	6/2/2004
tulip	<i>Tulipa</i> sp.	fire	<i>Botrytis tulipae</i>	Pierce	4/13/2004
tulip	<i>Tulipa</i> sp.	Pythium root rot	<i>Pythium</i> sp.	Clark	2/9/2004
viola	<i>Viola</i> sp.	Pythium root rot	<i>Pythium</i> sp.	Pierce	2/24/2004
zinnia	<i>Zinnia</i> sp.	Sclerotinia white mold	<i>Sclerotinia sclerotiorum</i>	Pierce	8/18/2004

Flowers & Bulbs, Nematode Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
rose	<i>Rosa</i> sp.	root-knot nematodes	<i>Meloidogyne</i> sp.	Pierce	4/8/2004

Flowers & Bulbs, Viral & Other Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
dahlia	<i>Dahlia</i> sp.	dahlia ringspot virus	dahlia ringspot virus	King	9/23/2004
impatiens	<i>Impatiens</i> sp.	impatiens necrotic spot virus (INSV)	impatiens necrotic spot virus (INSV)	Kitsap	6/10/2004
rose	<i>Rosa</i> sp.	rose rosette disease	rose rosette disease	Benton	8/23/2004

Tree Fruits, Bacterial Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
cherry 'Bing'	<i>Prunus</i> sp	dead bud	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	Lewis	5/12/2004
plum 'Santa Rosa'	<i>Prunus</i> sp	bacterial canker	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	Jefferson	6/30/2004

Tree Fruits, Fungal Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
apple	<i>Malus domestica</i>	apple anthracnose	<i>Cryptosporiopsis curvispora</i>	Cowlitz	2/13/2004
apple	<i>Malus domestica</i>	apple anthracnose	<i>Cryptosporiopsis curvispora</i>	Pierce	5/17/2004
apple	<i>Malus domestica</i>	apple anthracnose	<i>Cryptosporiopsis curvispora</i>	Lewis	6/18/2004
apple	<i>Malus domestica</i>	apple anthracnose	<i>Cryptosporiopsis curvispora</i>	Pierce	11/29/2004
apple	<i>Malus domestica</i>	apple anthracnose	<i>Cryptosporiopsis curvispora</i>	Pierce	12/14/2004
apple	<i>Malus domestica</i>	apple scab	<i>Venturia inaequalis</i>	Jefferson	6/30/2004
apple	<i>Malus domestica</i>	apple scab	<i>Venturia inaequalis</i>	Pierce	7/2/2004
		perennial canker			
apple	<i>Malus domestica</i>	(Bull's-eye rot)	<i>Cryptosporiopsis</i> sp.	Cowlitz	8/12/2004
apple	<i>Malus domestica</i>	powdery mildew	<i>Podosphaera leucotricha</i>	Jefferson	5/24/2004
apple	<i>Malus domestica</i>	powdery mildew	<i>Podosphaera leucotricha</i>	Pierce	6/3/2004
apple	<i>Malus domestica</i>	powdery mildew	<i>Podosphaera leucotricha</i>	Pierce	6/21/2004
apple	<i>Malus domestica</i>	powdery mildew	<i>Podosphaera leucotricha</i>	Pierce	7/2/2004

apple	<i>Malus domestica</i>	powdery mildew	<i>Podosphaera leucotricha</i>	Skagit	7/9/2004
apple	<i>Malus domestica</i>	powdery mildew	<i>Podosphaera leucotricha</i>	Pierce	5/17/2004
apple	<i>Malus domestica</i>	powdery mildew	<i>Podosphaera leucotricha</i>	Jefferson	6/30/2004
apple	<i>Malus domestica</i>	apple anthracnose	<i>Cryptosporiopsis curvispora</i>	Pierce	5/5/2004
apple	<i>Malus domestica</i>	apple anthracnose	<i>Cryptosporiopsis curvispora</i>	Pierce	10/8/2004
apple	<i>Malus domestica</i>	apple scab	<i>Venturia inaequalis</i>	Pierce	6/17/2004

Tree Fruits, Fungal Diseases, continued

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
apple	<i>Malus domestica</i>	apple scab	<i>Venturia inaequalis</i>	Pierce	9/13/2004
apple	<i>Malus domestica</i>	apple scab	<i>Venturia inaequalis</i>	Pierce	10/8/2004
apple	<i>Malus domestica</i>	powdery mildew	<i>Podosphaera leucotricha</i>	King	6/1/2004
apple	<i>Malus domestica</i>	powdery mildew	<i>Podosphaera leucotricha</i>	Jefferson	5/20/2004
apricot	<i>Prunus</i> sp.	brown rot	<i>Monilinia fruticola</i>	Pierce	4/16/2004
Asian pear	<i>Pyrus</i> sp.	European canker	<i>Nectria</i> sp.	Pierce	3/18/2004
cherry	<i>Prunus</i> sp.	cherry leaf spot	<i>Blumeriella jaapii</i>	Clark	6/18/2004
cherry 'Bing'	<i>Prunus</i> sp.	Coryneum blight	<i>Wilsonomyces carpophilus</i>	Lewis	5/12/2004
crabapple	<i>Malus</i> sp.	wood rot	Basidiomycete	Lewis	9/22/2004
fig 'Brown Turkey' & 'Desert King'	<i>Ficus carica</i>	Phomopsis canker	<i>Phomopsis</i> sp.	King	3/17/2004
peach	<i>Prunus</i> sp.	Coryneum blight	<i>Wilsonomyces carpophilus</i>	King	6/1/2004
peach	<i>Prunus</i> sp.	Coryneum blight	<i>Wilsonomyces carpophilus</i>	Pierce	6/30/2004
peach 'Frost'	<i>Prunus persica</i>	Coryneum blight	<i>Wilsonomyces carpophilus</i>	Pierce	4/8/2004
peach 'Frost'	<i>Prunus persica</i>	Coryneum blight	<i>Wilsonomyces carpophilus</i>	Pierce	8/23/2004
pear	<i>Pyrus</i> sp.	Gymnosporangium rust	<i>Gymnosporangium</i> sp.	Pierce	6/30/2004
pear	<i>Pyrus</i> sp.	pear scab	<i>Venturia pirina</i>	Pierce	6/17/2004
pear	<i>Pyrus</i> sp.	pear trellis rust	<i>Gymnosporangium fuscum</i>	Clallam	8/16/2004
pear	<i>Pyrus</i> sp.	pear trellis rust	<i>Gymnosporangium fuscum</i>	Thurston	8/16/2004
pear	<i>Pyrus</i> sp.	pear trellis rust	<i>Gymnosporangium fuscum</i>	Pierce	10/18/2004
plum	<i>Prunus</i> sp.	Coryneum blight	<i>Wilsonomyces carpophilus</i>	Benton	6/4/2004
plum 'Santa Rosa'	<i>Prunus</i> sp.	brown rot	<i>Monilinia fruticola</i>	Jefferson	6/30/2004
plum 'Satsuma'	<i>Prunus</i> sp.	Coryneum blight	<i>Wilsonomyces carpophilus</i>	Kitsap	6/17/2004
prune	<i>Prunus</i> sp.	brown rot	<i>Monilinia fruticola</i>	Skagit	8/11/2004

Small Fruits & Berries, Bacterial Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
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blueberry 'Bluecrop'	<i>Vaccinium</i> sp.	bacterial canker	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	King	4/30/2004
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Small Fruits & Berries, Fungal Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
blueberry	<i>Vaccinium</i> sp.	Botrytis blight	<i>Botrytis cinerea</i>	Skagit	5/24/2004

Small Fruits & Berries, Fungal Diseases, continued

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
blueberry	<i>Vaccinium</i> sp.	twig blight	<i>Phomopsis vaccinii</i>	Whatcom	7/28/2004
blueberry	<i>Vaccinium</i> sp.	Botrytis blight	<i>Botrytis cinerea</i>	Cowlitz	6/16/2004
blueberry	<i>Vaccinium</i> sp.	mummyberry	<i>Monilinia vaccinii-corymbosi</i>	Clark	3/29/2004

blueberry 'Bluetta'	<i>Vaccinium</i> sp.	Godronia canker	<i>Godronia : Fusicoccum putrefaciens</i>	Jefferson	1/5/2004
grape	<i>Vitis</i> sp.	powdery mildew	<i>Uncinula necator</i>	Pierce	7/6/2004
marionberry	<i>Rubus</i> sp.	leaf spot	<i>Septoria</i> sp.	Pierce	9/23/2004
marionberry	<i>Rubus</i> sp.	stem canker	<i>Septocytia ruborum</i>	Pierce	9/23/2004
raspberries	<i>Rubus idaeus</i>	cane Botrytis	<i>Botrytis cinerea</i>	Cowlitz	5/20/2004
raspberries	<i>Rubus idaeus</i>	Phytophthora root rot	<i>Phytophthora</i> sp.	Cowlitz	5/20/2004
raspberry	<i>Rubus idaeus</i>	spur blight	<i>Didymella applanata</i>	Pierce	6/3/2004
strawberry	<i>Fragaria</i> sp.	powdery mildew	<i>Sphaerotheca macularis</i>	Pierce	4/30/2004
strawberry	<i>Fragaria</i> sp.	powdery mildew	<i>Sphaerotheca macularis</i>	Pierce	9/8/2004
strawberry	<i>Fragaria</i> sp.	Rhizoctonia root lesions	<i>Rhizoctonia</i> sp.	Pierce	6/22/2004
strawberry 'Totem'	<i>Fragaria</i> sp.	powdery mildew	<i>Sphaerotheca macularis</i>	Pierce	8/16/2004

Small Fruits & Berries, Viral Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
blueberry	<i>Vaccinium</i> sp.	blueberry shock ilarvirus	blueberry shock ilarvirus	Snohomish	5/20/2004
blueberry	<i>Vaccinium</i> sp.	blueberry shock ilarvirus	blueberry shock ilarvirus	Thurston	5/25/2004
blueberry	<i>Vaccinium</i> sp.	blueberry shock ilarvirus	blueberry shock ilarvirus	Cowlitz	5/24/2004
blueberry 'Brigetta'	<i>Vaccinium</i> sp.	blueberry shock ilarvirus	blueberry shock ilarvirus	Lewis	5/5/2004
blueberry 'Dixi'	<i>Vaccinium</i> sp.	blueberry shock ilarvirus	blueberry shock ilarvirus	Cowlitz	5/24/2004
blueberry 'Hardi Blue'	<i>Vaccinium</i> sp.	blueberry scorch virus	blueberry scorch virus	Pierce	6/21/2004
blueberry 'Toro' 'Darrow' & 'Patriot'	<i>Vaccinium</i> sp.	blueberry shock ilarvirus	blueberry shock ilarvirus	King	5/24/2004

Vegetables & Herbs, Bacterial Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
cilantro	<i>Coriandrum</i> sp.	bacterial leaf spot	<i>Pseudomonas syringae</i> pv. <i>coriandricola</i>	King	5/25/2004
cucumber	<i>Cucurbita</i> sp.	angular leaf spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Pierce	9/3/2004

Vegetables & Herbs, Bacterial Diseases, continued

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
daikon	<i>Raphanus sativus</i>	bacterial soft rot	<i>Erwinia</i> sp.	Pierce	10/14/2004
Napa cabbage	<i>Brassica</i> sp.	bacterial soft rot	<i>Erwinia</i> sp.	Pierce	10/14/2004
potato 'Ranger Russets'	<i>Solanum tuberosum</i>	Erwinia rot	<i>Erwinia</i> sp.	Yakima	8/23/2004

Vegetables & Herbs, Fungal Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
celery	<i>Apium graveolens</i>	Pythium root rot	<i>Pythium</i> sp.	Pierce	8/12/2004
cucumber	<i>Cucurbita</i> sp.	powdery mildew	<i>Oidium</i> sp.	Pierce	9/3/2004
cucumber	<i>Cucurbita</i> sp.	scab	<i>Cladosporium cucumerinum</i>	Pierce	8/30/2004
garlic	<i>Allium sativum</i>	blue mold	<i>Penicillium</i> sp.	Pierce	7/28/2004
garlic	<i>Allium sativum</i>	gray mold	<i>Botrytis</i> sp.	Whatcom	8/17/2004
pea	<i>Pisum sativa</i>	Rhizoctonia seedling blight	<i>Rhizoctonia solani</i>	Grant	6/4/2004
peas	<i>Pisum sativa</i>	Aphanomyces root rot	<i>Aphanomyces euteiches</i> f. sp. <i>psi</i>	Yakima	5/13/2004
potato 'Yellow Finn'	<i>Solanum tuberosum</i>	potato early dying	<i>Verticillium</i> sp.	Lewis	7/21/2004
pumpkin	<i>Cucurbita</i> sp.	Verticillium wilt	<i>Verticillium</i> sp.	Pierce	7/23/2004
pumpkin/squash	<i>Cucurbita</i> sp.	powdery mildew	<i>Erysiphe cichoracearum</i>	Pierce	7/30/2004
pumpkins	<i>Cucurbita pepo</i>	Fusarium rot	<i>Fusarium</i> sp.	Pierce	10/21/2004
pumpkins	<i>Cucurbita</i> sp.	scab	<i>Cladosporium cucumerinum</i>	Pierce	9/3/2004
spinach seed crop	<i>Spinacia</i> sp.	leaf spot	<i>Cladosporium</i> sp.	Skagit	8/4/2004
summer squash	<i>Cucurbita</i> sp.	scab	<i>Cladosporium cucumerinum</i>	Pierce	9/3/2004
tomato	<i>Lycopersicon esculentum</i>	early blight	<i>Alternaria tomatophilai</i>	Thurston	7/16/2004
tomato	<i>Lycopersicon esculentum</i>	late blight	<i>Phytophthora infestans</i>	Pierce	10/16/2004
zucchini	<i>Cucurbita pepo</i>	Fusarium crown & foot rot	<i>Fusarium</i> sp.	Pierce	5/26/2004
zucchini	<i>Cucurbita pepo</i>	Septoria leaf spot	<i>Septoria</i> sp.	Pierce	6/22/2004

Vegetables & Herbs, Viral Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
beans	<i>Phaseolus</i> sp.	bean mosaic	bean mosaic virus	Pierce	7/28/2004
celery	<i>Apium graveolens</i>	potyvirus	potyvirus	Pierce	10/14/2004
cucumber	<i>Cucurbita</i> sp.	cucumber mosaic virus	cucumber mosaic virus	Pierce	9/16/2004
green beans	<i>Phaseolus</i> sp.	beet curly top virus	beet curly top virus	Pierce	7/26/2004
peas	<i>Pisum sativa</i>	pea enation mosaic virus	pea enation mosaic virus	Snohomish	6/22/2004

Vegetables & Herbs, Viral Diseases, continued

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
tomato 'Cherista' & 'Clarence'	<i>Lycopersicon esculentum</i>	beet curly top virus	beet curly top virus	King	6/17/2004

Turfgrass, Fungal Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
commercial turf		anthracnose	<i>Colletotrichum graminicola</i>	Pierce	7/2/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	anthracnose	<i>Colletotrichum graminicola</i>	Pierce	7/28/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	anthracnose	<i>Colletotrichum graminicola</i>	King	8/27/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	anthracnose	<i>Colletotrichum graminicola</i>	Snohomish	8/27/2004
commercial turf	<i>Poa annua</i>	anthracnose	<i>Colletotrichum graminicola</i>	Pierce	8/27/2004
commercial turf	<i>Poa annua</i>	anthracnose	<i>Colletotrichum graminicola</i>	Snohomish	8/31/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	anthracnose	<i>Colletotrichum graminicola</i>	Snohomish	6/10/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	anthracnose	<i>Colletotrichum graminicola</i>	King	7/12/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	anthracnose	<i>Colletotrichum graminicola</i>	Cowlitz	9/13/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	anthracnose	<i>Colletotrichum graminicola</i>	King	10/5/2004
commercial turf	<i>Festuca</i> sp.	anthracnose	<i>Colletotrichum graminicola</i>	Pierce	4/21/2004
commercial turf	<i>Poa annua</i>	anthracnose	<i>Colletotrichum graminicola</i>	out-of-state	9/9/2004
commercial turf	<i>Poa annua</i>	basal anthracnose	<i>Colletotrichum graminicola</i>	Clark	1/26/2004
commercial turf	<i>Poa annua</i>	basal anthracnose	<i>Colletotrichum graminicola</i>	Pierce	1/29/2004
commercial turf	<i>Poa annua</i>	downy mildew (yellow tuft)	<i>Sclerophthora macrospora</i>	Snohomish	6/1/2004
commercial turf		downy mildew (yellow tuft)	<i>Sclerophthora macrospora</i>	King	12/15/2004
commercial turf	<i>Lolium perenne</i> & <i>Poa pratensis</i>	Drechslera leaf spot	<i>Drechslera</i> sp.	King	9/3/2004
commercial turf		fairy ring	Basidiomycete	Spokane	7/28/2004

commercial turf		fairy ring	Basidiomycete	out-of-state (OR)	7/2/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	Fusarium patch	<i>Microdochium nivale</i>	Pierce	4/30/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	Fusarium patch	<i>Microdochium nivale</i>	King	5/24/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	Fusarium patch	<i>Microdochium nivale</i>	King	10/5/2004
commercial turf	<i>Poa annua</i>	Fusarium patch	<i>Microdochium nivale</i>	Pierce	1/29/2004
commercial turf	<i>Poa annua</i>	Fusarium patch	<i>Microdochium nivale</i>	Spokane	4/30/2004
commercial turf		Fusarium patch	<i>Microdochium nivale</i>	Snohomish	3/4/2004
commercial turf	<i>Poa annua</i>	Fusarium patch	<i>Microdochium nivale</i>	Pierce	10/5/2004
commercial turf	<i>Poa annua</i>	Fusarium patch	<i>Microdochium nivale</i>	Pierce	10/5/2004
commercial turf	<i>Agrostis</i> sp.	Pythium blight	<i>Pythium</i> sp.	out-of-state (OR)	8/10/2004

Turfgrass, Fungal Diseases, continued

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	Pythium blight	<i>Pythium</i> sp.	Snohomish	6/10/2004
commercial turf	<i>Poa annua</i>	Pythium blight	<i>Pythium</i> sp.	Clark	1/26/2004
commercial turf	<i>Poa annua</i>	Pythium blight	<i>Pythium</i> sp.	out-of-state	9/3/2004
commercial turf	<i>Poa annua</i>	Pythium blight	<i>Pythium</i> sp.	out-of-state	9/9/2004
commercial turf		Pythium blight	<i>Pythium</i> sp.	out-of-state (OR)	7/2/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	Pythium crown & root rot	<i>Pythium</i> sp.	Cowlitz	8/25/2004
commercial turf	<i>Poa annua</i>	Pythium crown & root rot	<i>Pythium</i> sp.	out-of-state	8/5/2004
commercial turf	<i>Poa annua</i>	Pythium crown & root rot	<i>Pythium</i> sp.	Snohomish	8/25/2004
commercial turf		Pythium crown & root rot	<i>Pythium</i> sp.	Snohomish	4/27/2004
commercial turf	<i>Poa annua</i>	Pythium root rot	<i>Pythium</i> sp.	Spokane	4/30/2004
commercial turf	<i>Festuca</i> sp.	red thread	<i>Laetisaria fuciformis</i>	Pierce	4/21/2004
commercial turf	<i>Agrostis</i> sp.	Sclerotinia dollar spot	<i>Sclerotinia homoeocarpa</i>	out-of-state	9/22/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	Sclerotinia dollar spot	<i>Sclerotinia homoeocarpa</i>	King	9/15/2004
commercial turf		take-all patch	<i>Gaeumannomyces graminis</i>	Pierce	7/2/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	take-all patch	<i>Gaeumannomyces graminis</i>	King	7/12/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	take-all patch	<i>Gaeumannomyces graminis</i>	King	10/5/2004
commercial turf		yellow patch	<i>Rhizoctonia cerealis</i>	Pierce	6/30/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	yellow patch	<i>Rhizoctonia cerealis</i>	Spokane	6/30/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	yellow patch	<i>Rhizoctonia cerealis</i>	King	7/12/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	yellow patch	<i>Rhizoctonia</i> sp.	Spokane	7/12/2004
commercial turf	<i>Agrostis</i> sp. & <i>Poa annua</i>	yellow patch	<i>Rhizoctonia cerealis</i>	King	10/5/2004
commercial turf	<i>Poa annua</i>	yellow patch	<i>Rhizoctonia cerealis</i>	Pierce	10/5/2004
commercial turf	<i>Poa annua</i>	yellow patch	<i>Rhizoctonia cerealis</i>	Pierce	10/5/2004
commercial turf	<i>Poa annua</i>	yellow patch	<i>Rhizoctonia cerealis</i>	Pierce	10/27/2004

commercial turf	<i>Agrostis</i> sp.	yellow or brown patch	<i>Rhizoctonia</i> sp.	Pierce	8/1/2004
home lawn		anthracnose	<i>Colletotrichum graminicola</i>	Pierce	3/17/2004
home lawn		anthracnose	<i>Colletotrichum graminicola</i>	Pierce	4/12/2004
home lawn		anthracnose	<i>Colletotrichum graminicola</i>	Chelan	6/8/2004
home lawn		anthracnose	<i>Colletotrichum graminicola</i>	Chelan	10/20/2004
home lawn		fairy ring	Basidiomycete	Snohomish	4/12/2004
home lawn		fairy ring	Basidiomycete	King	7/14/2004
home lawn		fairy ring	Basidiomycete	King	2/19/2004
home lawn		Fusarium patch	<i>Microdochium nivale</i>	Pierce	11/23/2004
home lawn		Fusarium patch	<i>Microdochium nivale</i>	Pierce	11/29/2004

Turfgrass, Fungal Diseases, continued

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
home lawn		Fusarium patch	<i>Microdochium nivale</i>	King	12/29/2004
home lawn		necrotic ring spot	<i>Leptosphaeria korrae</i>	Benton	10/19/2004
home lawn		necrotic ring spot	<i>Leptosphaeria korrae</i>	Benton	5/13/2004
home lawn		Pythium root rot	<i>Pythium</i> sp.	Benton	7/28/2004
home lawn		red thread	<i>Laetisaria fuciformis</i>	Pierce	5/28/2004
home lawn		red thread	<i>Laetisaria fuciformis</i>	Pierce	12/15/2004
home lawn		slime mold	Myxomycete	King	9/8/2004
home lawn		slime mold	Myxomycete	Pierce	10/11/2004
home lawn		slime mold	Myxomycete	Island	10/16/2004
home lawn		yellow patch	<i>Rhizoctonia cerealis</i>	Benton	5/13/2004

Field Crop, Fungal Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
vetch	<i>Vicia</i> sp.	stem blight	<i>Rhizoctonia</i> sp.	Pierce	3/19/2004

Houseplants, Bacterial Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
bird's nest fern	<i>Asplenium nidus</i>	Pseudomonas bacterial leaf spot	<i>Pseudomonas</i> sp.	Kitsap	6/10/2004

Houseplants, Viral Diseases,

<u>Host</u>	<u>Latin Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>County</u>	<u>Date</u>
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begonia	<i>Begonia</i> sp.	impatiens necrotic spot virus (INSV)	impatiens necrotic spot virus (INSV)	Kitsap	6/10/2004
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