

Appendix 2. Species susceptibilities to *P. ramorum* as determined by experimental tests

Compiled from the RAPRA Database of potential hosts (as of 9th August 2006) <http://rapra.csl.gov.uk>

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Abies concolor</i>	White fir	Pinaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Abies grandis</i>	Grand fir	Pinaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ms	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Abies grandis</i>	Grand fir	Pinaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Abies grandis</i>	Grand fir	Pinaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Abies grandis</i>	Grand fir	Pinaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Abies magnifica</i>	Red fir	Pinaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Abies magnifica</i>	Red fir	Pinaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Abies procera</i>	Noble Fir	Pinaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Ms	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Abies procera</i>	Noble fir	Pinaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Needles showing necrosis	Hs	Denman <i>et al.</i> , 2005
<i>Abies procera</i>	Noble fir	Pinaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Abies procera</i>	Noble fir	Pinaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Abies procera</i>	Noble fir	Pinaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Abies procera</i>	Noble fir	Pinaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Hs	Hansen <i>et al.</i> , 2005
<i>Acer campestre</i>	Field maple	Aceraceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Hs	Vannini, <i>Personal Communication</i>
<i>Acer campestre</i>	Field maple	Aceraceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Acer campestre</i>	Field maple	Aceraceae	Zoospore suspension dipping	No	Stem/Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Acer campestre</i>	Field maple	Aceraceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Acer circinatum</i>	Vine maple	Aceraceae	Details not supplied	Yes	Stem	Details not supplied	Ls	Hansen <i>et al.</i> , 2005

* R, resistance; Ls, low susceptibility; Ms, Moderate susceptibility; Hs, High susceptibility. Note that susceptibilities are from many different experiments and care should be applied with regard to direct comparisons between different pieces of work.

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Acer circinatum</i>	Vine maple	Aceraceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Acer circinatum</i>	Vine maple	Aceraceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls - R	Hansen <i>et al.</i> , 2005
<i>Acer macrophyllum</i>	Bigleaf maple	Aceraceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Acer macrophyllum</i>	Bigleaf maple	Aceraceae	Leaf inoculation by pinning a mycelial plug to the upper surface of leaves	Yes	Leaf	Leaf lesions	Ms	Garbelotto <i>et al.</i> , 2003
<i>Acer macrophyllum</i>	Bigleaf maple	Aceraceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Acer macrophyllum</i>	Bigleaf maple	Aceraceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Acer macrophyllum</i>	Bigleaf maple	Aceraceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Acer monspessulanum</i>	Montpellier maple	Aceraceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Acer monspessulanum</i>	Montpellier maple	Aceraceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Acer monspessulanum</i>	Montpellier maple	Aceraceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Acer monspessulanum</i>	Montpellier maple	Aceraceae	Log inoculation	Yes	Inner bark	Inner bark necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Acer palmatum</i>	Japanese maple	Aceraceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Hs	Parke <i>et al.</i> , 2002a
<i>Acer platanoides</i>	Norway maple	Aceraceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Acer platanoides</i>	Norway maple	Aceraceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ms	Vannini, <i>Personal Communication</i>
<i>Acer pseudoplatanus</i>	Sycamore	Aceraceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Low proportion with necrosis, high level of back isolation	Ls	Denman <i>et al.</i> , 2005
<i>Acer pseudoplatanus</i>	Sycamore	Aceraceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Acer pseudoplatanus</i>	Sycamore	Aceraceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Lesion extension slight	Ls	Defra, PH0193S
<i>Acer pseudoplatanus</i>	Sycamore	Aceraceae	Zoospore suspension dipping	No	Stem/Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Acer pseudoplatanus</i>	Sycamore	Aceraceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , 2002
<i>Acer</i> sp.	Maple	Aceraceae	Details not supplied	Details not supplied	Details not supplied	Details not supplied	Ls	Inman <i>et al.</i> , 2002
<i>Aesculus californica</i>	California buckeye	Hippocastanaceae	Leaf inoculation by pinning a mycelial plug to the upper surface of leaves	Yes	Leaf	Leaf lesions	Ms	Garbelotto <i>et al.</i> , 2003
<i>Aesculus hippocastanum</i>	Horse chestnut	Hippocastanaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	High proportion with necrosis, high level of back isolation	Hs - Ms	Denman <i>et al.</i> , 2005

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Aesculus hippocastanum</i>	Horse chestnut	Hippocastanaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , 2002
<i>Alnus glutinosa</i>	Alder	Betulaceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Alnus glutinosa</i>	Alder	Betulaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Alnus glutinosa</i>	European alder, black alder	Betulaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Alnus glutinosa</i>	European alder, black alder	Betulaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Alnus glutinosa</i>	European alder, black alder	Betulaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Low proportion with necrosis, low level of back isolation	Ls	Denman <i>et al.</i> , 2005
<i>Alnus incana</i>	Gray alder	Betulaceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Alnus rhombifolia</i>	White alder	Betulaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Alnus rhombifolia</i>	White alder	Betulaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Alnus rhombifolia</i>	White alder	Betulaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Alnus rubra</i>	Red alder	Betulaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Alnus rubra</i>	Red alder	Betulaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Alnus rubra</i>	Red alder	Betulaceae	Detached leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Alnus rubra</i>	Red alder	Betulaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ls - Ms	Hansen <i>et al.</i> , 2005
<i>Alnus sp.</i>	Alder	Betulaceae	Leaf inoculation	Details not supplied	Leaf	Details not supplied	R	Inman <i>et al.</i> , 2002
<i>Andromeda polifolia</i>	Bog rosemary	Ericaceae	Details not supplied	Details not supplied	Leaves and stems	Stem lesions	Ls	Orlikowski & Szkuta, 2003
<i>Andromeda polifolia</i>	Bog rosemary	Ericaceae	Details not supplied	Details not supplied	Leaves and stems	Leaf necrosis	R	Orlikowski & Szkuta, 2003
<i>Arbutus canariensis</i>	Canary madrone	Ericaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Arbutus menziesii</i>	Madrone	Ericaceae	Leaf inoculation by pinning a mycelial plug to the upper surface of leaves	Yes	Leaf	Leaf lesions	Hs	Garbelotto <i>et al.</i> , 2003
<i>Arbutus unedo</i>	Strawberry Tree	Ericaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ms	Vannini, <i>Personal Communication</i>
<i>Arbutus unedo</i>	Strawberry tree	Ericaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Arbutus unedo</i>	Strawberry tree	Ericaceae	Detached leaf dip in zoospore suspension	No	Leaf	Necrotic lesions followed by extensive blight.	Ms - Hs	Moralejo & Hernandez, 2002
<i>Arbutus unedo</i>	Strawberry tree	Ericaceae	Mycelial plug on twig	Yes	Twig cutting	Blight	Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Arbutus unedo</i>	Strawberry tree	Ericaceae	Log inoculation	Yes	Inner bark	inner bark necrosis	Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Arbutus xalapensis</i>	Madrone	Ericaceae	Whole plant dip in zoospore suspension	No	Whole plant	Dieback	Hs	Hansen <i>et al.</i> , 2005
<i>Arbutus xalapensis</i>	Madrone	Ericaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ls - R	Hansen <i>et al.</i> , 2005
<i>Arbutus xalapensis</i>	Madrone	Ericaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Hs	Hansen <i>et al.</i> , 2005
<i>Arbutus xalapensis</i>	Madrone	Ericaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Girdled	Hs	Hansen <i>et al.</i> , 2005
<i>Arctostaphylos manzanita</i>	Manzanita	Ericaceae	Leaf inoculation by pinning a mycelial plug to the upper surface of leaves	Yes	Leaf	Leaf lesions	Ms	Garbelotto <i>et al.</i> , 2003
<i>Arctostaphylos uva-ursi</i>	Bearberry	Ericaceae	Heathland species also tested by zoospore suspension dipping	No	Leaf	Lesion well developed	Ms	Defra, PH0193S
<i>Arctostaphylos uva-ursi</i>	Bearberry	Ericaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion well developed	Ms	Defra, PH0193S
<i>Arctostaphylos uva-ursi</i>	Bearberry	Ericaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	Ms	Tooley & Englander, 2002
<i>Aucuba japonica</i>	Japanese laurel	Aucubaceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Betula pendula</i>	European white birch, Silver birch	Betulaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Low proportion with leaf necrosis, low level of back isolation	Ls	Denman <i>et al.</i> , 2005
<i>Betula pendula</i>	European white birch, Silver birch	Betulaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Buddleja davidii</i>	Butterfly bush, Summer lilac	Loganiaceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Buddleja davidii</i>	Butterfly bush, Summer lilac	Loganiaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Hs	Parke <i>et al.</i> , 2002a
<i>Calluna vulgaris</i>	Heather	Ericaceae	Dipped in zoospore suspension	No	Shoots with leaves	Shoot necrosis	Hs	Wagner <i>et al.</i> , 2005
<i>Calluna vulgaris</i>	Heather	Ericaceae	Details not supplied	Details not supplied	Stems	Stem lesions	Ms	Orlikowski & Szkuta, 2003
<i>Calluna vulgaris</i>	Heather	Ericaceae	Mycelial discs on wounded petioles, stem bases or shoots	Yes	Petioles, stem bases, shoots	Details not supplied	Not given	Orlikowski & Szkuta, 2002
<i>Calluna vulgaris</i>	Heather	Ericaceae	Mycelial plugs	Details not supplied	Apical tip of shoots	Necrosis	Ms	Orlikowski & Szkuta, 2004
<i>Calluna vulgaris</i>	Heather	Ericaceae	Unwounded and wounded; zoospore suspension dipping	Yes and No	Leaves and stems	Leaf necrosis	Hs	Defra, PH0193S
<i>Calluna vulgaris</i> 'Winter chocolate'	Heather	Ericaceae	Unwounded and wounded; zoospore suspension dipping	Yes and No	Leaves and stems	Leaf necrosis	Hs	Defra, PH0193S

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Calocedrus decurrens</i>	Incense cedar	Cupressaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Calocedrus decurrens</i>	Incense cedar	Cupressaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Camellia japonica</i>	Common camellia	Ericaceae	Detached foliage dipped into a suspension of mycelial fragments and sporangia	No	Leaf	Leaf necrosis, petiole lesions	Ms	Orlikowski & Szkuta, 2003
<i>Camellia japonica</i>	Common camellia	Ericaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesions very extensive	Hs	Defra, PH0193S
<i>Camellia japonica</i>	Common camellia	Ericaceae	Zoospore suspension dipping	No	Stem/Leaf	Lesions very extensive	Hs	Defra, PH0193S
<i>Camellia japonica</i>	Common camellia	Ericaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Lesions very extensive	Hs	Defra, PH0193S
<i>Camellia japonica</i>	Common camellia	Ericaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	R	Linderman <i>et al.</i> , 2002
<i>Camellia japonica</i>	Common camellia	Ericaceae	Detached foliage dipped in zoospore suspension	No	Leaf	Leaf and petiole necrosis	Ms	Pintos Varela <i>et al.</i> , 2003
<i>Camellia sasanqua</i>	Sasanqua Camellia	Theaceae	Mycelial plugs	Yes	Leaf	Foliage with necrosis, bud and stem death, necrotic lesions, leaf abscission	Ms	Parke <i>et al.</i> , 2004
<i>Camellia</i> sp.	Camellia	Ericaceae	Leaf inoculation	Details not supplied	Leaf	Details not supplied	Hs	Inman <i>et al.</i> , 2002
<i>Camellia</i> sp.	Camellia	Ericaceae	Not reported	Details not supplied	Detached leaf	Leaf necrosis (blight)	Not rated, just given as susceptible	Beales <i>et al.</i> , 2004a
<i>Carpinus betulus</i>	Hornbeam	Betulaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	R	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Carpinus betulus</i>	Hornbeam	Betulaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Low proportion with leaf necrosis, high level of back isolation	Ls	Denman <i>et al.</i> , 2005
<i>Castanea sativa</i>	Sweet chestnut	Fagaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Castanea sativa</i>	Sweet chestnut	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	More susceptible	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Castanea sativa</i>	Sweet chestnut	Fagaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Hs	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Castanea sativa</i>	Sweet chestnut	Fagaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	High proportion with leaf necrosis, high level of back isolation	Ms	Denman <i>et al.</i> , 2005
<i>Castanopsis chryophylla</i>	Giant chinquapin, Giant chinkapin, Golden chinkapin	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark necrosis	Ls - Hs	Hansen <i>et al.</i> , 2005
<i>Ceanothus impressus</i>	Californian lilac, Santa Barbara	Rhamnaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Hs	Parke <i>et al.</i> , 2002a
<i>Celtis australis</i>	Nettle tree	Ulmaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ms - Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Ceratonia siliqua</i>	Carob, St. John's Bread	Leguminosae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Ceratonia siliqua</i>	Carob, St. John's Bread	Leguminosae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Ceratonia siliqua</i>	Carob, St. John's Bread	Leguminosae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls - Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Ceratonia siliqua</i>	Carob, St. John's Bread	Leguminosae	Detached leaf dip in zoospore suspension	No	Leaf	Necrotic lesions followed by extensive blight.	Hs	Moralejo & Hernandez, 2002
<i>Ceratonia siliqua</i>	Carob, St. John's Bread	Leguminosae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Cercis siliquastrum</i>	Judas tree	Leguminosae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Hs	Vannini, <i>Personal Communication</i>
<i>Cercis siliquastrum</i>	Judas tree	Leguminosae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Chaenomeles speciosa</i>	Flowering quince	Rosaceae	Detached leaf dip in zoospore suspension	No	Leaf	No symptoms were observed	R	Parke <i>et al.</i> , 2002a
<i>Chamaecyparis lawsoniana</i>	Port-Orford cedar, Lawson's cypress	Pinaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	More susceptible	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Chamaecyparis lawsoniana</i>	Port-Orford cedar, Lawson's cypress	Pinaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	Ms	Zanzot <i>et al.</i> , 2002
<i>Chamaecyparis lawsoniana</i>	Port-Orford cedar, Lawson's cypress	Pinaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Needles generally unaffected	R	Denman <i>et al.</i> , 2005
<i>Chamaecyparis lawsoniana</i>	Lawsons cypress	Pinaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Ls	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Chamaecyparis lawsoniana</i>	Port-Orford cedar, Lawson's cypress	Pinaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Chamaecyparis lawsoniana</i>	Port-Orford cedar, Lawson's cypress	Pinaceae	Log inoculations	Yes	Inner bark	Inner bark necrosis	Ls - Ms	Hansen <i>et al.</i> , 2005
<i>Chamaecyparis lawsoniana</i>	Port-Orford cedar, Lawson's cypress	Pinaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Chamaecyparis lawsoniana</i>	Port-Orford cedar, Lawson's cypress	Pinaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Chamaecyparis lawsoniana</i>	Port-Orford cedar, Lawson's cypress	Pinaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Choisya ternata</i>	Mexican orange blossom	Rutaceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Chrysolepis chrysophlla</i>	Golden chinquapin	Fagaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Hs	Hansen <i>et al.</i> , 2005
<i>Chrysolepis chrysophlla</i>	Golden chinquapin	Fagaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Cistus salviifolius</i>	Rock rose	Cistaceae	Detached leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Moralejo & Hernandez, 2002
<i>Cistus salviifolius</i>	Rock rose	Cistaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ls - Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Citrus deliciosa</i>	Tangerine	Rutaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls - Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Citrus limon</i>	Lemon tree	Rutaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Citrus sinensis</i>	Orange tree	Rutaceae	Zoospore point inoculation	No	Detached leaf	Details not supplied	R	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Clematis flammula</i>	Fragrant virgin's bower	Ranunculaceae	Detached leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Moralejo & Hernandez, 2002
<i>Clematis montana</i>	Anenome clematis	Ranunculaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Clematis montana</i>	Anenome clematis	Ranunculaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Hs	Parke <i>et al.</i> , 2002a
<i>Cornus alba</i>	Tatarian dogwood	Cornaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Cornus florida</i>	Flowering dogwood	Cornaceae	Detached leaf dip in zoospore suspension	No	Leaf	No symptoms were observed	Not given	Parke <i>et al.</i> , 2002a
<i>Cornus mas</i>	Cornelian cherry	Cornaceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ms	Vannini, <i>Personal Communication</i>
<i>Cornus mas</i>	Cornelian cherry	Cornaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Cornus nuttallii</i>	Pacific dogwood	Cornaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Hs	Hansen <i>et al.</i> , 2005
<i>Cornus nuttallii</i>	Pacific dogwood	Cornaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Cornus nuttallii</i>	Pacific dogwood	Cornaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Cornus sanguinea</i>	Dogwood	Cornaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Corylus</i>	Hazel	Betulaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Corylus americana</i>	Hazel	Betulaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Corylus avellana</i>	Hazel	Betulaceae	Log inoculation	Yes	Inner bark	Inner bark necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Corylus avellana</i>	Hazel	Corylaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Low proportion with leaf necrosis, low level of back isolation	R	Denman <i>et al.</i> , 2005
<i>Corylus avellana</i>	Hazel	Betulaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Corylus avellana</i>	Hazel	Corylaceae	Detached leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Corylus avellana</i>	Hazel	Corylaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Corylus avellana</i>	Hazel	Corylaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	Ls	Hansen <i>et al.</i> , 2005

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Corylus</i> sp.	Hazel	Corylaceae	Leaf inoculation	Details not supplied	Leaf	Details not supplied	R	Inman <i>et al.</i> , 2002
<i>Cotoneaster multiflorus</i>	Cotoneaster	Rosaceae	Detached leaf dip in zoospore suspension	No	Leaf	No symptoms were observed	Not given	Parke <i>et al.</i> , 2002a
<i>Crataegus monogyna</i>	Hawthorn	Rosaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Crataegus monogyna</i>	Hawthorn	Rosaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Crataegus monogyna</i>	Hawthorn	Rosaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Cupressus sempervirens</i>	Italian cypress	Cupressaceae	Log inoculation	Yes	Inner bark	Inner bark necrosis	R	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Daphne gnidium</i>	Spurge flax	Thymelaeaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Empetrum nigrum</i>	Heather	Ericaceae	Unwounded and wounded; zoospore suspension dipping	Yes and No	Leaves and stems	No necrosis	R	Defra, PH0193S
<i>Erica arborea</i>	Tree heath	Ericaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Erica carnea</i> 'Snowstorm'	Heather	Ericaceae	Unwounded and wounded; zoospore suspension dipping	Yes and No	Leaves and stems	Leaf necrosis	Ls	Defra, PH0193S
<i>Erica cinerea</i> 'Glen Cairn'	Heather	Ericaceae	Unwounded and wounded; zoospore suspension dipping	Yes and No	Leaves and stems	Stem and flower necrosis	Ms	Defra, PH0193S
<i>Erica gracilis</i>	Heather	Ericaceae	Dipped in zoospore suspension	No	Shoots with leaves	Shoot necrosis	Hs	Wagner <i>et al.</i> , 2005
<i>Erica multiflora</i>	Heather	Ericaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Erica tetralix</i>	Heather	Ericaceae	Unwounded and wounded; zoospore dipping	Yes and No	Leaves and stems	No necrosis	R	Defra, PH0193S
<i>Erica vagans</i> 'Valerie Proudley'	Heather	Ericaceae	Unwounded and wounded; zoospore dipping	Yes and No	Leaves and stems	Leaf necrosis	Ls	Defra, PH0193S
<i>Eucalyptus gunii</i>	Cider gum tree	Myrtaceae	Detached leaves dipped in zoospore suspensions	Non-wound	Leaf	High proportion with necrosis, high level of back isolation	Ms	Denman <i>et al.</i> , 2005
<i>Eucalyptus</i> sp.	Eucalyptus, Gum tree	Myrtaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Eucalyptus</i> sp.	Eucalyptus, Gum tree	Myrtaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesions very extensive	Hs	Defra, PH0193S
<i>Euonymus japonicus</i>	Japanese euonymus	Celastraceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Fagus sylvatica</i>	Beech	Fagaceae	Mycelial plug on wounded stem	Yes	Stem	Severe twig dieback	Ms	de Gruyter <i>et al.</i> , 2002
<i>Fagus sylvatica</i>	Beech	Fagaceae	Details not supplied	Details not supplied	Stems	Stem lesions	Ms	Orlikowski & Szkuta, 2003
<i>Fagus sylvatica</i>	Beech	Fagaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Low proportion with necrosis, low level of back isolation	R	Denman <i>et al.</i> , 2005

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Fagus sylvatica</i>	Beech	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ms	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Fagus sylvatica</i>	Beech	Fagaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Hs	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Fagus sylvatica</i>	Beech	Fagaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Forsythia</i> sp.	Golden bells	Oleaceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Fraxinus angustifolia</i>	Narrow leaved ash	Oleaceae	Log inoculation	Yes	Inner bark	Details not supplied	R	Moralejo <i>et al.</i> <i>Personal Communication</i>
<i>Fraxinus angustifolia</i>	Narrow leaved ash	Oleaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Hs	Moralejo <i>et al.</i> <i>Personal Communication</i>
<i>Fraxinus excelsior</i>	Ash	Oleaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Fraxinus excelsior</i>	Common ash, European ash	Oleaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	R	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Fraxinus excelsior</i>	Common ash, European ash	Oleaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	High proportion with necrosis, high level of back isolation	Hs	Denman <i>et al.</i> , 2005
<i>Fraxinus excelsior</i>	Common ash, European ash	Oleaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion well developed	Ms	Defra, PH0193S
<i>Fraxinus excelsior</i>	Common ash, European ash	Oleaceae	Zoospore suspension dipping	No	Stem/Leaf	Lesion well developed	Ms	Defra, PH0193S
<i>Fraxinus excelsior</i>	Common ash, European ash	Oleaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Lesion well developed	Ms	Defra, PH0193S
<i>Fraxinus latifolia</i>	Oregon ash	Oleaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Fraxinus latifolia</i>	Oregon ash	Oleaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	Ms - Ls	Hansen <i>et al.</i> , 2005
<i>Fraxinus latifolia</i>	Oregon ash	Oleaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Fraxinus ornus</i>	Flowering ash	Oleaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Fuchsia</i> sp.	Fuchsia	Onagraceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion well developed	Ms	Defra, PH0193S
<i>Gaultheria shallon</i>	Salal	Ericaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	R	Linderman <i>et al.</i> , 2002
<i>Gaultheria</i> sp.	Wintergreen	Ericaceae	Details not supplied	Details not supplied		Details not supplied	Ls	Inman <i>et al.</i> , 2002
<i>Gaultheria x wisleyensis</i>	Wisley Pearl	Ericaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Gleditsia triacanthos</i>	Honeylocust	Fabaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Hs	Parke <i>et al.</i> , 2002a
<i>Hamamelis vernali</i>	Vernal witch hazel	Styracaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Hs	Parke <i>et al.</i> , 2002a
<i>Hamamelis virginiana</i>	Virginian witch hazel	Hamamelidaceae	Mycelial plugs placed on detached wounded leaves	Yes	Leaf	Leaf and twig necrosis	Hs	Giltrap <i>et al.</i> , 2004

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Hebe imbricata</i>	Hebe	Plantaginaceae	Mycelial discs on wounded petioles, stem bases or shoots	Yes	Petioles, stem bases, shoots	Details not supplied	Not given	Orlikowski & Szkuta, 2002
<i>Heberdenia excelsa</i>	Aderno, Sacatero	Lauraceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Hedera helix</i>	Ivy	Araliaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Hedera helix</i>	Ivy	Araliaceae	Zoospore suspension dipping	No	Stem/Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Hedera helix</i>	Ivy	Araliaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Hedera helix</i>	Ivy	Araliaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	R	Linderman <i>et al.</i> , 2002
<i>Heteromeles arbutifolia</i>	Toyon	Rosaceae	Leaf inoculation by pinning a mycelial plug to the upper surface of leaves	Yes	Leaf	Leaf lesions	Ls	Garbelotto <i>et al.</i> , 2003
<i>Humulus lupulus</i>	Golden hop	Cannabidaceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Hypericum 'Hidcote'</i>	St. John's Wort	Hypericaceae	Detached leaf dip in zoospore suspension	No	Leaf	No symptoms were observed	Not given	Parke <i>et al.</i> , 2002a
<i>Ilex aquifolium</i>	Holly	Aquifoliaceae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Ilex aquifolium</i>	Holly	Aquifoliaceae	Log inoculation	Yes	Inner bark	Inner bark necrosis	Ls - Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Ilex aquifolium</i>	Holly	Aquifoliaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Ilex aquifolium</i>	Holly	Fagaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Low proportion with leaf necrosis, low level of back isolation	R - Ls	Denman <i>et al.</i> , 2005
<i>Ilex aquifolium</i>	Holly	Aquifoliaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Ilex aquifolium</i>	Holly	Aquifoliaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	R	Linderman <i>et al.</i> , 2002
<i>Ilex canariensis</i>	Small leaved holly	Aquifoliaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Ilex perado</i>	Madeiran holly	Aquifoliaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Ilex sp.</i>	Holly	Aquifoliaceae	Leaf inoculation	Details not supplied	Leaf	Details not supplied	R	Inman <i>et al.</i> , 2002
<i>Kalmia angustifolia</i>	Sheep laurel	Ericaceae	Mycelial discs on wounded petioles, stem bases or shoots	Yes	Petioles, stem bases, shoots	Leaf necrosis, stem blight	Not given	Orlikowski & Szkuta, 2002
<i>Kalmia latifolia</i>	Mountain laurel	Ericaceae	Details not supplied	Details not supplied	Details not supplied	Details not supplied	Not given	Orlikowski & Szkuta, 2002
<i>Kalmia latifolia</i> 'Madeline'	Mountain laurel	Ericaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	Not given	Tooley & Englander, 2002
<i>Laburnum anagyroides</i>	Golden chain tree	Leguminosae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Laburnum anagyroides</i>	Golden chain tree	Leguminosae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Hs	Vannini, <i>Personal Communication</i>
<i>Lantana camara</i>	Shrub verbena	Verbenaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ms - Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Larix occidentalis</i>	Western larch	Pinaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls - R	Hansen <i>et al.</i> , 2005
<i>Larix occidentalis</i>	Western larch	Pinaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Hs	Hansen <i>et al.</i> , 2005
<i>Larix occidentalis</i>	Western larch	Pinaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Laurus nobilis</i>	Bay laurel	Lauraceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Laurus nobilis</i>	Bay laurel	Lauraceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Laurus nobilis</i>	Bay laurel	Lauraceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Lavatera</i> sp.	Tree mallow	Malvaceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Ledum palustre</i>	Marsh tea, wild rosemary	Ericaceae	Details not supplied	Details not supplied	Leaves and stems	Leaf necrosis	Ls	Orlikowski & Szkuta, 2003
<i>Ledum palustre</i>	Marsh tea, wild rosemary	Ericaceae	Details not supplied	Details not supplied	Leaves and stems	Stem lesions	Ls	Orlikowski & Szkuta, 2003
<i>Leucothoe fontanesiana</i>	Girard's Rainbow dog hobble	Ericaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesions very extensive	Hs	Defra, PH0193S
<i>Leucothoe walteri</i>	Drooping laurel	Ericaceae	Details not supplied	Details not supplied	Leaves	Leaf necrosis	Ls	Orlikowski & Szkuta, 2003
<i>Leucothoe walteri</i>	Drooping laurel	Ericaceae	Details not supplied	Details not supplied	Stems	Stem lesions	Ls	Orlikowski & Szkuta, 2003
<i>Ligustrum</i> sp.	Privet	Oleaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Ligustrum vulgare</i>	Common privet	Oleaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Linnaea borealis</i>	Twinflower	Caprifoliaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	Ls	Zanzot <i>et al.</i> , 2002
<i>Liriodendron tulipifera</i>	Tulip tree	Magnoliaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	R	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Lithocarpus densiflorus</i>	Tanoak	Fagaceae	Leaf inoculation by pinning a mycelial plug to the upper surface of leaves	Yes	Leaf	Leaf lesions	Hs	Garbelotto <i>et al.</i> , 2003
<i>Lithocarpus densiflorus</i>	Tanoak	Fagaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Lithocarpus densiflorus</i>	Tanoak	Fagaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Girdled	Hs	Hansen <i>et al.</i> , 2005
<i>Lithocarpus densiflorus</i>	Tanoak	Fagaceae	Whole plant dip in zoospore suspension	No	Whole plant	Dieback	Hs	Hansen <i>et al.</i> , 2005

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Lithocarpus densiflorus</i>	Tanoak	Fagaceae	Log inoculations	Details not supplied	Inner bark	Large cankers	Hs	Hansen <i>et al.</i> , 2005
<i>Lithocarpus densiflorus</i>	Tanoak	Fagaceae	Mycelial plugs	Yes	Tree trunk (mature tree)	Stem lesions bleeding	Hs	Rizzo <i>et al.</i> , 2002
<i>Lithocarpus densiflorus</i>	Tanoak	Fagaceae	Mycelial plugs	Yes	Stems (seedlings)	Stem lesions some discolouration in xylem, wilting, stem girdling, lesion extension into petioles, seedling death	Hs	Rizzo <i>et al.</i> , 2002
<i>Lonicera implexa</i>	Honeysuckle	Caprifoliaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Lonicera implexa</i>	Honeysuckle	Caprifoliaceae	Detached leaf dip in zoospore suspension	No	Leaf	Necrotic lesions followed by extensive blight	Hs	Moralejo & Hernandez, 2002
<i>Lonicera periclymenum</i>	Common honeysuckle	Caprifoliaceae	Young plants inoculated through stem or leaf	Not specified	Stem/Leaf	No symptoms	Not given	de Gruyter <i>et al.</i> , 2002
<i>Lonicera periclymenum</i>	Common honeysuckle	Caprifoliaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Lonicera periclymenum</i>	Common honeysuckle	Caprifoliaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Lesion extension slight	Ls	Defra, PH0193S
<i>Lonicera periclymenum</i>	Common honeysuckle	Caprifoliaceae	Zoospore suspension dipping	No	Stem/Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Malus</i> sp.	Apple	Rosaceae	Details not supplied	Details not supplied		Details not supplied	Ls	Inman <i>et al.</i> , 2002
<i>Malus sylvestris</i>	Crab apple	Rosaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Morus</i> sp.	Mulberry	Moraceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Myoporum pictum</i>	Popwood, Sandalwood	Myoporaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Myrica faya</i>	Fire tree	Myricaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls - Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Myrtus communis</i>	Myrtle	Myrtaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	R - Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Myrtus communis</i>	Myrtle	Myrtaceae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	R	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Nerium oleander</i>	Oleander	Apocynaceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Nerium oleander</i>	Oleander	Apocynaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Nerium oleander</i>	Oleander	Apocynaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Details not supplied	R	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Nothofagus dombeyi</i>	False beech	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ms	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Nothofagus obliqua</i>	Roble beech	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ms	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Nothofagus procera</i>	Rauli	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ms	Brasier <i>et al.</i> , <i>Personal Communication</i>

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Ocothea foetens</i>	Greenheart	Lauraceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Olea europaea</i>	Olive	Oleaceae	Detached leaf dip in zoospore suspension	No	Leaf	Necrotic lesions followed by extensive blight	Hs	Moralejo & Hernandez, 2002
<i>Olea europaea</i>	Olive	Oleaceae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	R	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Olea europaea</i>	Olive	Oleaceae	Log inoculation	Yes	Inner bark	Inner bark necrosis	R	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Oxydendrum arboreum</i>	Sourwood	Ericaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Hs	Parke <i>et al.</i> , 2002a
<i>Pachysandra terminalis</i>	Japanese pachysandra	Buxaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	Not given	Linderman <i>et al.</i> , 2002
<i>Persea indica</i>	Lauraceous tree	Lauraceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Philadelphus coronarius</i>	Mock orange	Saxifragaceae	Detached leaf dip in zoospore suspension	No	Leaf	No symptoms were observed	Not given	Parke <i>et al.</i> , 2002a
<i>Photinia fraseri</i> 'Red Robin'	Photinia	Rosaceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls - Ms	Vannini, <i>Personal Communication</i>
<i>Photinia fraseri</i> 'Red Robin'	Photinia	Rosaceae	Mycelial plugs	Details not supplied	Leaf base	Necrosis	Ms - Ls	Orlikowski & Szkuta, 2004
<i>Photinia serrulata</i>	Chinese photinia	Rosaceae	Detached leaf dip in zoospore suspension	No	Leaf	No symptoms were observed	Not given	Parke <i>et al.</i> , 2002a
<i>Photinia</i> sp.	Christmas berry	Rosaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion well developed	Ms	Defra, PH0193S
<i>Phyllirea latifolia</i>	European holly	Oleaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Phyllirea latifolia</i>	European holly	Oleaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	R	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Picconia excelsa</i>	Southern olive	Oleaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls - Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Picea abies</i>	Norway spruce	Pinaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ms	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Picea abies</i>	Norway spruce	Pinaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Details not supplied	Ls	Denman <i>et al.</i> , 2005
<i>Picea abies</i>	Norway spruce	Pinaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Ls	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Picea sitchensis</i>	Sitka spruce	Pinaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Ls	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Picea sitchensis</i>	Sitka spruce	Pinaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ms	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Picea sitchensis</i>	Sitka spruce	Pinaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Details not supplied	Ls	Denman <i>et al.</i> , 2005
<i>Picea sitchensis</i>	Sitka spruce	Pinaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls - Hs	Hansen <i>et al.</i> , 2005
<i>Picea sitchensis</i>	Sitka spruce	Pinaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ls	Hansen <i>et al.</i> , 2005

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Picea sitchensis</i>	Sitka spruce	Pinaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Picea sitchensis</i>	Sitka spruce	Pinaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Pieris</i> 'Brouwer's Beauty'	Mountain and Japanese pieris	Ericaceae	<i>In planta</i> foliage inoculations leaves still attached to potted plants either dipped into zoospore suspensions or inoculum sprayed onto leaves	No	Leaf, shoots and terminal buds	Leaf and stem necrosis, defoliation	Ms	Parke <i>et al.</i> , 2004
<i>Pieris floribunda</i>	Fetterbush	Ericaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	Not given	Tooley & Englander, 2002
<i>Pieris formosa</i> var. <i>forrestii</i>	Chinese pieris, Himalaya pieris	Ericaceae	Mycelial plugs inoculated onto wounded detached leaves	Yes	Leaf	Leaf lesions	Ms	Inman <i>et al.</i> , 2003
<i>Pieris japonica</i>	Japanese pieris, Lily-of-the-valley bush	Ericaceae	Mycelial discs on wounded petioles, stem bases or shoots	Yes	Petioles (leaf), stem bases, shoots	Leaf necrosis, stem blight	Not given	Orlikowski & Szkuta, 2002
<i>Pieris japonica</i>	Japanese pieris, Lily-of-the-valley bush	Ericaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesions very extensive	Hs	Defra, PH0193S
<i>Pieris japonica</i> 'Flaming Silver'	Japanese pieris, Lily-of-the-valley bush	Ericaceae	<i>In planta</i> foliage inoculations leaves still attached to potted plants either dipped into zoospore suspensions or inoculum sprayed onto leaves	No	Leaf, shoots and terminal buds	Leaf and stem necrosis, defoliation	Ms	Parke <i>et al.</i> , 2004
<i>Pieris japonica</i> 'Prelude'	Pieris	Ericaceae	Mycelial plugs	Details not supplied	Leaf base	Necrosis	Ms	Orlikowski & Szkuta, 2004
<i>Pieris japonica</i> 'Variegata'	Variegated Japanese pieris	Ericaceae	<i>In planta</i> foliage inoculations leaves still attached to potted plants either dipped into zoospore suspensions or inoculum sprayed onto leaves	No	Leaf, shoots and terminal buds	Leaf and stem necrosis, defoliation	Ms	Parke <i>et al.</i> , 2004
<i>Pieris japonica</i> x <i>formosa</i> 'Forest Flame'	Chinese pieris, Himalaya pieris	Ericaceae	<i>In planta</i> foliage inoculations leaves still attached to potted plants either dipped into zoospore suspensions or inoculum sprayed onto leaves	No	Leaf, shoots and terminal buds	Leaf and stem necrosis, defoliation	Ms	Parke <i>et al.</i> , 2004
<i>Pieris</i> sp.	Pieris	Ericaceae	Details not supplied	Details not supplied		Details not supplied	Hs	Inman <i>et al.</i> , 2002
<i>Pinus contorta</i>	Lodgepole pine	Pinaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Details not supplied	R	Denman <i>et al.</i> , 2005
<i>Pinus contorta</i>	Lodgepole pine	Pinaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Hs	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Pinus contorta</i>	Lodgepole pine	Pinaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	R	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Pinus contorta</i>	Lodgepole pine	Pinaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Pinus contorta</i>	Lodgepole pine	Pinaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ls	Hansen <i>et al.</i> , 2005

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Pinus contorta</i>	Lodgepole pine	Pinaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Pinus contorta</i>	Lodgepole pine	Pinaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Pinus halepensis</i>	Aleppo pine	Pinaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Pinus halepensis</i>	Aleppo pine	Pinaceae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Pinus halepensis</i>	Aleppo pine	Pinaceae	Log inoculation	Yes	Inner bark	Inner bark necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Pinus lambertiana</i>	Sugar pine	Pinaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Pinus lambertiana</i>	Sugar pine	Pinaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls - R	Hansen <i>et al.</i> , 2005
<i>Pinus lambertiana</i>	Sugar pine	Pinaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Pinus nigra</i>	Black pine	Pinaceae	Log inoculation	Yes	Inner bark	Inner bark necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Pinus nigra</i> var. <i>maritima</i>	Corsican pine	Pinaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Ls	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Pinus nigra</i> var. <i>maritima</i>	Corsican pine	Pinaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Details not supplied	R	Denman <i>et al.</i> , 2005
<i>Pinus nigra</i> var. <i>maritima</i>	Corsican pine	Pinaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	R	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Pinus pinaster</i>	Maritime pine	Pinaceae	Log inoculation	Yes	Inner bark	Inner bark necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Pinus ponderosa</i>	Ponderosa pine	Pinaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Pinus ponderosa</i>	Ponderosa pine	Pinaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Pinus ponderosa</i>	Ponderosa pine	Pinaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Pinus strobus</i>	Western white pine	Pinaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Pinus strobus</i>	Western white pine	Pinaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Pinus strobus</i>	Western white pine	Pinaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Hs	Hansen <i>et al.</i> , 2005
<i>Pinus sylvestris</i>	Scots pine	Pinaceae	Log inoculation	Yes	Inner bark	Inner bark necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Pinus sylvestris</i>	Scots pine	Pinaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	R	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Pinus sylvestris</i>	Scots pine	Pinaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Details not supplied	R	Denman <i>et al.</i> , 2005
<i>Pinus sylvestris</i>	Scots pine	Pinaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Ls	Denman <i>et al.</i> , <i>Personal Communication</i>

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Pistacia atlantica</i>	Mastic tree	Anacardiaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Pistacia lentiscus</i>	Evergreen pistache mastic tree	Anacardiaceae	Detached leaf dip in zoospore suspension	No	Leaf	Necrotic lesions followed by extensive blight.	Hs	Moralejo & Hernandez, 2002
<i>Pistacia lentiscus</i>	Evergreen pistache mastic tree	Anacardiaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Pistacia lentiscus</i>	Evergreen pistache mastic tree	Anacardiaceae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Pistacia terebinthus</i>	Turpentine tree	Anacardiaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Pittosporum tobira</i>	Mock orange	Pittosporaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Populus</i> sp.	Hybrid poplar	Salicaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Populus tremula</i>	Aspen	Salicaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	R	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Populus tremula</i>	Aspen	Salicaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Medium proportion with leaf necrosis, low level of back isolation	R	Denman <i>et al.</i> , 2005
<i>Populus tremuloides</i>	Quaking aspen	Salicaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Populus tremuloides</i>	Quaking aspen	Salicaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Populus tremuloides</i>	Quaking aspen	Salicaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Populus trichocarpa</i>	Black cottonwood	Salicaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Populus trichocarpa</i>	Black cottonwood	Salicaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Populus trichocarpa</i>	Black cottonwood	Salicaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Prunus avium</i>	Sweet cherry, wild cherry	Rosaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Low proportion with leaf necrosis, low level of back isolation	R - Ls	Denman <i>et al.</i> , 2005
<i>Prunus avium</i>	Sweet cherry, wild cherry	Rosaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Prunus emarginata</i>	Bitter cherry	Rosaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Prunus emarginata</i>	Bitter cherry	Rosaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Hs	Hansen <i>et al.</i> , 2005
<i>Prunus emarginata</i>	Bitter cherry	Rosaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Hs	Hansen <i>et al.</i> , 2005
<i>Prunus emarginata</i>	Bitter cherry	Rosaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Prunus laurocerasus</i>	Cherry laurel	Rosaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Prunus laurocerasus</i>	Cherry laurel	Rosaceae	Zoospore suspension dipping	No	Stem/Leaf	Lesion extension slight	Ls	Defra, PH0193S

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Prunus laurocerasus</i>	Cherry laurel	Rosaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Prunus lusitanica</i>	Portuguese laurel	Rosaceae	Zoospore suspension dipping	No	Stem/Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Prunus lusitanica</i>	Portuguese laurel	Rosaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Prunus persica</i>	Nectarine	Rosaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Prunus</i> sp.	Ornamental cherry, stonefruits	Rosaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Pseudotsuga menziesii</i>	Douglas fir	Pinaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ms	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Pinaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Details not supplied	Hs	Denman <i>et al.</i> , 2005
<i>Pseudotsuga menziesii</i>	Douglas Fir	Pinaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Hs	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Pseudotsuga menziesii</i>	Douglas fir	Pinaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Pseudotsuga menziesii</i>	Douglas fir	Pinaceae	Mycelial plugs places in stem wounds	Yes	Stems	Dieback	Hs	Davidson <i>et al.</i> , 2002
<i>Pseudotsuga menziesii</i>	Douglas fir	Pinaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Pseudotsuga menziesii</i>	Douglas fir	Pinaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Pseudotsuga menziesii</i>	Douglas fir	Pinaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Girdled	Ms	Hansen <i>et al.</i> , 2005
<i>Pseudotsuga menziesii</i>	Douglas fir	Pinaceae	Mycelial plugs pinned onto misted leaves	Yes	Leaves/needles	Needle necrosis and shoot/sprout dieback	Hs	Davidson <i>et al.</i> , 2002
<i>Quercus agrifolia</i>	Coast live oak	Fagaceae	Leaf inoculation by pinning a mycelial plug to the upper surface of leaves	Yes	Leaf	Leaf lesions	Ls	Garbelotto <i>et al.</i> , 2003
<i>Quercus agrifolia</i>	Coast live oak	Fagaceae	Mycelial plugs	Yes	Tree trunk (mature trees)	Stem lesions bleeding	Hs	Rizzo <i>et al.</i> , 2002
<i>Quercus agrifolia</i>	Coast live oak	Fagaceae	Mycelial plugs	Yes	Stems (saplings)	Stem lesions	Hs	Rizzo <i>et al.</i> , 2002
<i>Quercus agrifolia</i>	Coast live oak	Fagaceae	Mycelial plugs	Yes	Stems (seedlings)	Stem lesions some discolouration in xylem	Hs	Rizzo <i>et al.</i> , 2002
<i>Quercus canariensis</i>	African oak	Fagaceae	Log inoculation	Yes	Inner bark	Bark necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus canariensis</i>	African oak	Fagaceae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	Ls	Moralejo <i>et al.</i> <i>Personal Communication</i>
<i>Quercus cerris</i>	Turkey oak	Fagaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Ls	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus cerris</i>	Turkey oak	Fagaceae	Details not supplied	Details not supplied	Inner bark	Details not supplied	Ms to two European isolates. Ls to North American isolates	Brasier <i>et al.</i> , 2002

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Quercus cerris</i>	Turkey oak	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ms to an European isolate	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus cerris</i>	Turkey oak	Fagaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	High proportion with leaf necrosis, high level of back isolation	Ms	Denman <i>et al.</i> , 2005
<i>Quercus chrysolepis</i>	Canyon live oak	Fagaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Quercus chrysolepis</i>	Canyon live oak	Fagaceae	Whole plant dip in zoospore suspension	No	Whole plant	Dieback	Ms	Hansen <i>et al.</i> , 2005
<i>Quercus chrysolepis</i>	Canyon live oak	Fagaceae	Not specified (probably mycelial plugs)	Yes	Stems	Stem lesions	Ms	Murphy & Rizzo, 2003
<i>Quercus chrysolepis</i>	Canyon live oak	Fagaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Quercus chrysolepis</i>	Canyon live oak	Fagaceae	Log inoculations	Details not supplied	Inner bark	Small lesions	Not given	Hansen <i>et al.</i> , 2005
<i>Quercus chrysolepis</i>	Canyon live oak	Fagaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Quercus coccinea</i>	Scarlet oak	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ms	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus dentata</i>	Japanese Emperor oak	Fagaceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Quercus douglasii</i>	Blue oak	Fagaceae	Agar plug	Yes	Stem	Bark lesions	R	Rizzo <i>et al.</i> , 2001
<i>Quercus faginea</i>	Portuguese oak	Fagaceae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus faginea</i>	Portuguese oak	Fagaceae	Log inoculation	Yes	Inner bark	Bark necrosis	Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus falcata</i>	Southern red oak	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Hs	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus garryana</i>	Oregon white oak, Garry oak	Fagaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Quercus garryana</i>	Oregon white oak, Garry oak	Fagaceae	Whole plant dip in zoospore suspension	Details not supplied	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Quercus garryana</i>	Oregon white oak, Garry oak	Fagaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Quercus garryana</i>	Oregon white oak, Garry oak	Fagaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Quercus garryana</i>	Oregon white oak, Garry oak	Fagaceae	Log inoculations	Details not supplied	Inner bark	Small lesions	Not given	Hansen <i>et al.</i> , 2005
<i>Quercus humilis</i>	Downy oak	Fagaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus ilex</i>	Holm oak, Holly oak	Fagaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Quercus ilex</i>	Holm oak, Holly oak	Fagaceae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Quercus ilex</i>	Holm oak, Holly oak	Fagaceae	Detached leaf dip in zoospore suspension	No	Leaf	Limited lesion development	Ls	Moralejo & Hernandez, 2002
<i>Quercus ilex</i>	Holm oak, Holly oak	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark necrosis	Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus ilex</i>	Holm oak, Holly oak	Fagaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ls - Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus ilex</i>	Holm oak, Holly oak	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ms	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus ilex</i>	Holm oak, Holly oak	Fagaceae	Details not supplied	Details not supplied	Details not supplied	Details not supplied	Ms	Brasier <i>et al.</i> , 2002
<i>Quercus ilex</i>	Holm oak, Holly oak	Fagaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	High proportion with leaf necrosis, high level of back isolation	Hs	Denman <i>et al.</i> , 2005
<i>Quercus kelloggii</i>	Californian black oak	Fagaceae	Whole plant dip in zoospore suspension	Details not supplied	Whole plant	Dieback	Ms	Hansen <i>et al.</i> , 2005
<i>Quercus kelloggii</i>	Californian black oak	Fagaceae	Leaf inoculation by pinning a mycelial plug to the upper surface of leaves	Yes	Leaf	Leaf lesions	Ls	Garbelotto <i>et al.</i> , 2003
<i>Quercus kelloggii</i>	Californian black oak	Fagaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Quercus kelloggii</i>	Californian black oak	Fagaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Hs	Hansen <i>et al.</i> , 2005
<i>Quercus kelloggii</i>	Californian black oak	Fagaceae	Log inoculations	Details not supplied	Inner bark	Small lesions	Not given	Hansen <i>et al.</i> , 2005
<i>Quercus kelloggii</i>	Californian black oak	Fagaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Quercus lobata</i>	Valley oak, California white oak	Fagaceae	Agar plug	Yes	Stem	None	R	Rizzo <i>et al.</i> , 2001
<i>Quercus macrolepis</i>	Valonia oak	Fagaceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Quercus macrolepis</i>	Valonia oak	Fagaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Quercus palustris</i>	Northern pin oak	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus palustris</i>	Northern pin oak	Fagaceae	Agar plug	Yes	Stem	Cambial and bark lesions	Hs	Rizzo <i>et al.</i> , 2001
<i>Quercus palustris</i>	Northern pin oak	Fagaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ls - R	Hansen <i>et al.</i> , 2005
<i>Quercus petraea</i>	Sessile oak, Durmast oak	Fagaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	High proportion with leaf necrosis, high level of back isolation	Ms	Denman <i>et al.</i> , 2005
<i>Quercus petraea</i>	Sessile oak, Durmast oak	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus petraea</i>	Sessile oak	Fagaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Ls	Denman <i>et al.</i> , <i>Personal Communication</i>

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Quercus pubescens</i>	Downy oak	Fagaceae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	Ls - Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus pubescens</i>	Downy oak	Fagaceae	Log inoculation	Yes	Inner bark	Inner bark necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus pyrenaica</i>	Pyrenean oak	Fagaceae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	Ls - Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus pyrenaica</i>	Pyrenean oak	Fagaceae	Log inoculation	Yes	Inner bark	Inner bark necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus pyrenaica</i>	Pyrenean oak	Fagaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ls - Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus robur</i>	English oak, Pedunculate oak, Common oak	Fagaceae	Spraying sporangia	Unspecified	Bark	All plants produced bark necrosis with occasional bleeding but necrosis on leaves was rare	Ms	Delatour <i>et al.</i> , 2002
<i>Quercus robur</i>	English oak, Pedunculate oak, Common oak	Fagaceae	Wounded bark inoculations	Yes	Bark	All plants produced bark necrosis with occasional bleeding but necrosis on leaves was rare	Ms	Delatour <i>et al.</i> , 2002
<i>Quercus robur</i>	English oak, Pedunculate oak, Common oak	Fagaceae	Mycelial plug on wounded stem	Yes	Stem	No symptoms	R	de Gruyter <i>et al.</i> , 2002
<i>Quercus robur</i>	English oak, Pedunculate oak, Common oak	Fagaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Ls	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus robur</i>	English oak, Pedunculate oak, Common oak	Fagaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Low proportion with leaf necrosis, low level of back isolation	Ls	Denman <i>et al.</i> , 2005
<i>Quercus robur</i>	English oak, Pedunculate oak, Common oak	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus robur</i>	English oak, Pedunculate oak, Common oak	Fagaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Quercus rubra</i>	Red oak	Fagaceae	Mycelial plug on wounded stem	Yes	Stem	Severe twig dieback	Ms	de Gruyter <i>et al.</i> , 2002
<i>Quercus rubra</i>	Red oak	Fagaceae	Details not supplied	Details not supplied	Stems	Stem lesions	Ms	Orlikowski & Szkuta, 2003
<i>Quercus rubra</i>	Red oak	Fagaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Low proportion with leaf necrosis, low level of back isolation	R	Denman <i>et al.</i> , 2005
<i>Quercus rubra</i>	Red oak	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ms	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus rubra</i>	Red oak	Fagaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Hs	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus rubra</i>	Red oak	Fagaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ms	Hansen <i>et al.</i> , 2005

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Quercus rubra</i>	Red oak	Fagaceae	Agar plug	Yes	Stem	Cambial and bark lesions	Hs	Rizzo <i>et al.</i> , 2001
<i>Quercus suber</i>	Cork oak	Fagaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Quercus suber</i>	Cork oak	Fagaceae	Log inoculation	Yes	Inner bark	Bark necrosis and bleeding	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus suber</i>	Cork oak	Fagaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Quercus suber</i>	Cork oak	Fagaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Low proportion with leaf necrosis, low level of back isolation	R	Denman <i>et al.</i> , 2005
<i>Quercus trojana</i>	Macedonian oak	Fagaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Quercus trojana</i>	Macedonian oak	Fagaceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Rhamnus alaternus</i>	Italian buckthorn evergreen	Rhamnaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Rhamnus alaternus</i>	Italian buckthorn evergreen	Rhamnaceae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	Ls - Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Rhamnus alaternus</i>	Italian buckthorn evergreen	Rhamnaceae	Detached leaf dip in zoospore suspension	No	Leaf	Conspicuous necrotic lesions followed by extensive blight	Hs	Moralejo & Hernandez, 2002
<i>Rhamnus californica</i>	Coffeeberry	Cascara	Leaf inoculation by pinning a mycelial plug to the upper surface of leaves	Yes	Leaf	Leaf lesions	Ls	Garbelotto <i>et al.</i> , 2003
<i>Rhamnus purshiana</i>	Cascara buckthorn	Rhamnaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Rhamnus purshiana</i>	Cascara buckthorn	Rhamnaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Rhamnus purshiana</i>	Cascara buckthorn	Rhamnaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Rhamnus purshiana</i>	Cascara buckthorn	Rhamnaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Rhamnus purshiana</i>	Cascara buckthorn	Rhamnaceae	Leaf dip in zoospore suspension	No	Leaf	Necrotic spots	Ms	Vettraino <i>et al.</i> , 2006
<i>Rhaphiolepis umbellata</i>	Round-leaf hawthorn	Rosaceae	Detached leaf dip in zoospore suspension	No	Leaf	No symptoms were observed	R	Parke <i>et al.</i> , 2002a
<i>Rhododendron</i>	Rhododendron	Ericaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ms	Vannini, <i>Personal Communication</i>
<i>Rhododendron</i>	Rhododendron	Ericaceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Rhododendron</i>	Rhododendron	Ericaceae	Mycelial discs on wounded petioles, stem bases or shoots	Yes	Petioles (leaf), stem bases, shoots	Leaf necrosis, stem blight	Not given	Orlikowski & Szkuta, 2002
<i>Rhododendron</i>	Rhododendron	Ericaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Hs	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Rhododendron</i>	Girard's rose' azalea	Ericaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Leaf lesion	Not given	Tooley & Englander, 2002

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Rhododendron</i>	Azalea 'Northern Hilites'	Ericaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	Hs	Tjosvold <i>et al.</i> , 2002d
<i>Rhododendron</i>	Florist's azalea 'Inga'	Ericaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	Not given	Tooley & Englander, 2002
<i>Rhododendron</i>	Rhododendron 'Cunningham's white'	Ericaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Leaf lesion	Not given	Tooley & Englander, 2002
<i>Rhododendron</i>	Rhododendron 'Cunningham's white'	Ericaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	Hs	Tjosvold <i>et al.</i> , 2002d
<i>Rhododendron</i>	Rhododendron 'Exbury' hybrids	Ericaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Hs	Parke <i>et al.</i> , 2002a
<i>Rhododendron</i>	Azaleas	Ericaceae	Detached leaf using a mycelial inoculum plug	Details not supplied	Leaf	Details not supplied	Ms	Tjosvold <i>et al.</i> , 2002d
<i>Rhododendron catawbiense</i>	Rhododendron	Ericaceae	Not specified	Not specified	Stem cuttings	Lesions	Not given	De Merlier <i>et al.</i> , 2003
<i>Rhododendron catawbiense</i>	Rhododendron	Ericaceae	Zoospore suspension dipping	No	Stem/Leaf	Lesions very extensive	Hs	Defra, PH0193S
<i>Rhododendron catawbiense</i>	Rhododendron	Ericaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Lesions very extensive	Hs	Defra, PH0193S
<i>Rhododendron catawbiense</i>	Rhododendron	Ericaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	High proportion with leaf necrosis, high level of back isolation	Hs	Denman <i>et al.</i> , 2005
<i>Rhododendron catawbiense</i>	Rhododendron	Ericaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesions very extensive	Hs	Defra, PH0193S
<i>Rhododendron catawbiense</i> 'Cunninghams White'	Rhododendron	Ericaceae	Mycelial plugs placed on abaxial surface of detached leaves	Yes	Leaves	Leaf necrosis	Not given	Žerjav <i>et al.</i> , 2004
<i>Rhododendron catawbiense</i> 'Cunningham's White'	Rhododendron	Ericaceae	Details not supplied	Details not supplied	Leaves	Leaf lesions	Ms	Orlikowski & Szkuta, 2003
<i>Rhododendron catawbiense</i> 'Grandiflorum'	Rhododendron	Ericaceae	Wounded shoot tip using colonised mycelial plugs	Yes	Shoot tip	Twig blight, shoot tip dieback, brown spots on leaves	Hs	Werres <i>et al.</i> , 2001
<i>Rhododendron catawbiense</i> 'Grandiflorum'	Rhododendron	Ericaceae	Colonised agar plugs added to water	Yes	Base of stem cutting	Twig blight, shoot tip dieback, brown spots on leaves	Hs	Werres <i>et al.</i> , 2001
<i>Rhododendron catawbiense</i> 'Grandiflorum'	Rhododendron	Ericaceae	Base of stem end exposed to mycelial discs floating on water	Yes	Base of stem	Stem necrosis	Not rated	Lane <i>et al.</i> , 2003
<i>Rhododendron catawbiense</i> 'H. Charmant'	Rhododendron	Ericaceae	Details not supplied	Details not supplied	Leaves	Leaf lesions	Ls	Orlikowski & Szkuta, 2003
<i>Rhododendron catawbiense</i> 'Haaga'	Rhododendron	Ericaceae	Details not supplied	Details not supplied	Leaves	Leaf lesions	Ms	Orlikowski & Szkuta, 2003
<i>Rhododendron catawbiense</i> 'Helliki'	Rhododendron	Ericaceae	Details not supplied	Details not supplied	Leaves	Leaf lesions	Ms	Orlikowski & Szkuta, 2003
<i>Rhododendron catawbiense</i> 'Lumina Jakushim'	Rhododendron	Ericaceae	Details not supplied	Details not supplied	Leaves	Leaf lesions	Ls	Orlikowski & Szkuta, 2003
<i>Rhododendron catawbiense</i> 'Mikkeli'	Rhododendron	Ericaceae	Details not supplied	Details not supplied	Leaves	Leaf lesions	Ms	Orlikowski & Szkuta, 2003
<i>Rhododendron catawbiense</i> 'Nova Zembla'	Rhododendron	Ericaceae	Mycelial plugs	Details not supplied	Leaf base	Necrosis	Ms - Hs	Orlikowski & Szkuta, 2004

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Rhododendron catawbiense</i> 'Nova Zembla'	Rhododendron	Ericaceae	Details not supplied	Details not supplied	Leaves	Leaf lesions	Ms	Orlikowski & Szkuta, 2003
<i>Rhododendron catawbiense</i> 'Pohjola's Daughter'	Rhododendron	Ericaceae	Details not supplied	Details not supplied	Leaves	Leaf lesions	Ms	Orlikowski & Szkuta, 2003
<i>Rhododendron catawbiense</i> 'Purple Splendour'	Rhododendron	Ericaceae	Details not supplied	Details not supplied	Leaves	Leaf lesions	Ms	Orlikowski & Szkuta, 2003
<i>Rhododendron catawbiense</i> 'Tiger stedli'	Rhododendron	Ericaceae	Details not supplied	Details not supplied	Leaves	Leaf lesions	Ms	Orlikowski & Szkuta, 2003
<i>Rhododendron</i> 'Cosmopolitan'	Rhododendron	Ericaceae	Detached leaves, either prick wounded or not, dipped in zoospore suspensions, or inoculated with a mycelial plug	Not specified	Leaves, tip or petiole	Leaf lesion	Not given	Heungens <i>et al.</i> , 2003
<i>Rhododendron</i> 'Germania'	Rhododendron	Ericaceae	<i>In planta</i> inoculations (attached) leaves sprayed with zoospore suspension	Not specified	Leaves, tip or petiole	Leaf lesion	Ms	Heungens <i>et al.</i> , 2003
<i>Rhododendron</i> 'Gomer Waterer'	Rhododendron	Ericaceae	Detached leaves, either prick wounded or not, dipped in zoospore suspensions, or inoculated with a mycelial plug	Not specified	Leaves, tip or petiole	Leaf lesion	Ms	Heungens <i>et al.</i> , 2003
<i>Rhododendron japonica</i>	Azalea	Ericaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Rhododendron japonica</i>	Azalea	Ericaceae	Details not supplied	Details not supplied	Leaves and stems	Stem lesions	Ms	Orlikowski & Szkuta, 2003
<i>Rhododendron</i> 'Lachsgold'	Rhododendron	Ericaceae	Infested soil	Details not supplied	Details not supplied	Shoot necrosis plant death	Not given	Orlikowski & Szkuta, 2002
<i>Rhododendron macrophyllum</i>	Pacific rhododendron	Ericaceae	Whole plant dip in zoospore suspension	No	Whole plant	Dieback	Hs	Hansen <i>et al.</i> , 2005
<i>Rhododendron macrophyllum</i>	Pacific rhododendron	Ericaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Rhododendron</i> 'Marcel Menard'	Rhododendron	Ericaceae	Detached leaves, either prick wounded or not, dipped in zoospore suspensions, or inoculated with a mycelial plug	Not specified	Leaves, tip or petiole	Leaf lesion	Ms	Heungens <i>et al.</i> , 2003
<i>Rhododendron maximum</i>	Rhododendron	Ericaceae	Detached leaf dip in zoospore suspension	No	Leaf	Leaf lesion	Not given	Tooley & Englander, 2002
<i>Rhododendron</i> 'Nova Zembla'	Rhododendron	Ericaceae	<i>In planta</i> foliage inoculations leaves still attached to potted plants either dipped into zoospore suspensions or inoculum sprayed onto leaves	No	Leaf, shoots and terminal buds	Foliage with necrosis, bud and stem death, necrotic lesions, leaf abscission	Hs	Parke <i>et al.</i> , 2004
<i>Rhododendron occidentale</i>	Western azalea	Ericaceae	Detached leaf dip in zoospore suspension	No	Leaf	Details not supplied	Hs	Tjosvold <i>et al.</i> , 2002d
<i>Rhododendron ponticum</i>	Rhododendron	Ericaceae	Seedlings inoculated with either EU or NA isolates	Not specified	Stem/Leaf	Severe stem/leaf lesions	Hs	de Gruyter <i>et al.</i> , 2002
<i>Rhododendron ponticum</i>	Wild species	Ericaceae	Zoospore suspension dipping	No	Stem/Leaf	Lesions very extensive	Hs	Defra, PH0193S

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Rhododendron ponticum</i>	Rhododendron	Ericaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ms	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Rhododendron ponticum</i>	Wild species	Ericaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesions very extensive	Hs	Defra, PH0193S
<i>Rhododendron ponticum</i>	Wild species	Ericaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Lesions very extensive	Hs	Defra, PH0193S
<i>Rhododendron ponticum</i> 'Variegatum'	Rhododendron	Ericaceae	Detached leaves, either prick wounded or not, dipped in zoospore suspensions, or inoculated with a mycelial plug	Not specified	Leaves, tip or petiole	Leaf lesion	Ms	Heungens <i>et al.</i> , 2003
<i>Rhododendron simsii</i>	Sim's azalea	Ericaceae	Dipped in zoospore suspension	Yes and No	Leaves	Leaf necrosis	Ls - R	Wagner <i>et al.</i> , 2005
<i>Rhododendron simsii</i>	Sim's azalea	Ericaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Rhododendron</i> sp.	Azalea (I)	Ericaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Rhododendron</i> sp.	Azalea (II)	Ericaceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Rhododendron yakushimanum</i> 'Kalinka'	Rhododendron	Ericaceae	Detached leaves, either prick wounded or not, dipped in zoospore suspensions, or inoculated with a mycelial plug	Not specified	Leaves, tip or petiole	Leaf lesion	Ms	Heungens <i>et al.</i> , 2003
<i>Ribes sanguineum</i>	Flowering currant, winter currant	Grossulariaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Hs	Parke <i>et al.</i> , 2002a
<i>Robinia pseudacacia</i>	Robinia	Leguminosae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ms	Vannini, <i>Personal Communication</i>
<i>Robinia pseudacacia</i>	Robinia	Leguminosae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Rosa californica</i>	California rose	Rosaceae	Detached foliage dipped into a zoospore suspension	Yes	Leaf	Leaf and petiole necrosis	Not rated, just given as susceptible	Hüberli <i>et al.</i> , 2003
<i>Rosa canina</i>	Dog rose	Rosaceae	Zoospore suspension dipping	No	Stem/Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Rosa canina</i>	Dog rose	Rosaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Rosa canina</i>	Dog rose	Rosaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Lesion extension slight	Ls	Defra, PH0193S
<i>Rosa gymnocarpa</i>	Wood rose	Rosaceae	Detached foliage dipped into a zoospore suspension	Yes	Leaves	Leaf and petiole necrosis	Not rated, just given as susceptible	Hüberli <i>et al.</i> , 2003
<i>Rosa sempervirens</i>	Evergreen rose	Rosaceae	Detached leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Moralejo & Hernandez, 2002
<i>Rosa sempervirens</i>	Evergreen rose	Rosaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ms	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Rosa</i> sp.	Rose	Rosaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Rubus fruticosus</i>	Bramble	Rosaceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Rubus fruticosus</i>	Bramble	Rosaceae	Zoospore suspension dipping	No	Stem/Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Rubus specabilis</i>	Salmonberry	Rosaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Rubus ulmifolius</i>	Blackberry	Rosaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	R	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Rubus ulmifolius</i>	Blackberry	Rosaceae	Detached leaf dip in zoospore suspension	No	Leaf	Details not supplied	R	Moralejo & Hernandez, 2002
<i>Salix alba</i>	White willow	Salicaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Hs	Vannini, <i>Personal Communication</i>
<i>Salix alba</i>	White willow	Salicaceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Salix canariensis</i>	Cascade willow	Salicaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Salix caprea</i>	Goat willow	Salicaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Salix hookeriana</i>	Hooker's willow	Salicaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Salix hookeriana</i>	Hooker's willow	Salicaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls - R	Hansen <i>et al.</i> , 2005
<i>Salix hookeriana</i>	Hooker's willow	Salicaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Salix lasiandra</i>	Pacific willow	Salicaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Salix lasiandra</i>	Pacific willow	Salicaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Salix lasiandra</i>	Pacific willow	Salicaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Salix</i> sp.	Willow	Salicaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Sambucus nigra</i>	Common elder	Caprifoliaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Lesions very extensive	Hs	Defra, PH0193S
<i>Sambucus nigra</i>	Common elder	Caprifoliaceae	Zoospore suspension dipping	No	Stem/Leaf	Lesions very extensive	Hs	Defra, PH0193S
<i>Sambucus nigra</i>	Common elder	Caprifoliaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesions very extensive	Hs	Defra, PH0193S
<i>Sambucus palmensis</i>	Elderberry	Caprifoliaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Sambucus racemosa</i>	Red-berried elder	Caprifoliaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesions very extensive	Hs	Defra, PH0193S
<i>Sambucus</i> sp.	Elderberry	Caprifoliaceae	Details not supplied	Details not supplied	Details not supplied	Details not supplied	Hs	Inman <i>et al.</i> , 2002
<i>Sequoia sempervirens</i>	Coast redwood	Taxodiaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Details not supplied	Ms	Denman <i>et al.</i> , 2005
<i>Sequoia sempervirens</i>	Coast redwood	Taxodiaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Sequoia sempervirens</i>	Coast redwood	Taxodiaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms - Hs	Hansen <i>et al.</i> , 2005

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Sequoia sempervirens</i>	Coast redwood	Taxodiaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Sequoia sempervirens</i>	Coast redwood	Taxodiaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Sequoia sempervirens</i>	Coast redwood	Taxodiaceae	Mycelial plugs pinned onto misted leaves	Yes	Leaf/needles	Needle necrosis and shoot/sprout dieback	Ms	Maloney & Rizzo, 2002
<i>Sequoia sempervirens</i>	Coast redwood	Taxodiaceae	Mycelial plugs placed in stem wounds	Yes	Stems	Dieback	Ms	Maloney & Rizzo, 2002
<i>Sequoia sempervirens</i>	Coast redwood	Taxodiaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ls - R	Hansen <i>et al.</i> , 2005
<i>Sequoiadendron giganteum</i>	Giant sequoia	Taxodiaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Skimmia japonica</i>	Japanese skimmia	Rutaceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Smilax aspera</i>	Greenbrier	Liliaceae	Detached leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls	Moralejo & Hernandez, 2002
<i>Smilax aspera</i>	Greenbrier	Liliaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Sorbus aucuparia</i>	Mountain ash	Rosaceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Sorbus aucuparia</i>	Mountain ash	Rosaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Spiraea japonica</i>	Japanese spirea	Rosaceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Symphoricarpus albus</i>	Snowberry	Caprifoliaceae	Leaf inoculation	Yes	Leaf	Details not supplied	Ms	Inman <i>et al.</i> , 2002
<i>Symphoricarpus albus</i>	Snowberry	Caprifoliaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion well developed	Ms	Defra, PH0193S
<i>Syringa vulgaris</i>	Common lilac	Oleaceae	Zoospore suspension dipping	No	Stem/Leaf	Lesions very extensive	Hs	Defra, PH0193S
<i>Syringa vulgaris</i>	Common lilac	Oleaceae	Mycelial plugs	No	Detached leaf	Leaf necrosis	Not rated, just given as susceptible	Beales <i>et al.</i> , 2004b
<i>Syringa vulgaris</i>	Common lilac	Oleaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Lesions very extensive	Hs	Defra, PH0193S
<i>Syringa vulgaris</i>	Common lilac	Oleaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesions very extensive	Hs	Defra, PH0193S
<i>Tamus communis</i>	Black bryony	Dioscoraceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	R	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Taxus baccata</i>	English yew	Taxodiaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Taxus baccata</i>	English yew	Taxodiaceae	Mycelial plug inoculations	Yes	Needles on detached stem	Needle necrosis and stem die back	Not rated, just given as susceptible	Lane <i>et al.</i> , 2004
<i>Taxus baccata</i>	English yew	Taxodiaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Ms	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Taxus baccata</i>	English yew	Taxodiaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Needles showing necrosis	Ms - Ls	Denman <i>et al.</i> , 2005

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Taxus brevifolia</i>	Pacific yew	Taxodiaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Taxus brevifolia</i>	Pacific yew	Taxodiaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Taxus brevifolia</i>	Pacific yew	Taxodiaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Thuja plicata</i>	Western red cedar	Cupressaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Thuja plicata</i>	Western red cedar	Cupressaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Thuja plicata</i>	Western red cedar	Cupressaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Thuja plicata</i>	Western red cedar	Cupressaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ls - R	Hansen <i>et al.</i> , 2005
<i>Tilia cordata</i>	Small-leaved lime, Small-leaved linden	Tiliaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	R	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Tilia cordata</i>	Small-leaved lime, Small-leaved linden	Tiliaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion well developed	Ms	Defra, PH0193S
<i>Tilia cordata</i>	Small-leaved lime, Small-leaved linden	Tiliaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Low proportion with leaf necrosis, high level of back isolation	Ls	Denman <i>et al.</i> , 2005
<i>Toxicodendron diversilobum</i>	Poison oak	Taxodiaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Toxicodendron diversilobum</i>	Poison oak	Taxodiaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Trientalis latifolia</i>	Starflower	Primulaceae	Leaves dipped in zoospore suspensions (leaves still attached to plants)	No	Leaf	Leaf necrosis	Hs	Hüberli <i>et al.</i> , 2003
<i>Tsuga heterophylla</i>	Western hemlock	Pinaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	Ls	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Tsuga heterophylla</i>	Western hemlock	Pinaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	Details not supplied	Ms - Ls	Denman <i>et al.</i> , 2005
<i>Tsuga heterophylla</i>	Western hemlock	Pinaceae	Sapling stem inoculation	Yes	Stem	Stem lesion	Hs	Denman <i>et al.</i> , <i>Personal Communication</i>
<i>Tsuga heterophylla</i>	Western hemlock	Pinaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Hs	Hansen <i>et al.</i> , 2005
<i>Tsuga heterophylla</i>	Western hemlock	Pinaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ms	Hansen <i>et al.</i> , 2005
<i>Tsuga heterophylla</i>	Western hemlock	Pinaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Tsuga heterophylla</i>	Western hemlock	Pinaceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Ulmus campestris</i>	English elm	Ulmaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ms	Vannini, <i>Personal Communication</i>
<i>Ulmus glabra</i>	Wych elm	Ulmaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Lesion well developed	Ms	Defra, PH0193S
<i>Ulmus glabra</i>	Wych elm	Ulmaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion well developed	Ms	Defra, PH0193S
<i>Ulmus glabra</i>	Wych elm	Ulmaceae	Zoospore suspension dipping	No	Stem/Leaf	Lesion well developed	Ms	Defra, PH0193S

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Ulmus minor</i>	Small-leaved elm	Ulmaceae	Wounded stem tests using mycelial plugs	Yes	Stem	Bark necrosis	Ls - Ms	Vannini, <i>Personal Communication</i>
<i>Ulmus minor</i>	Small-leaved elm	Ulmaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Ulmus minor</i>	Small-leaved elm	Ulmaceae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Ulmus minor</i>	Small-leaved elm	Ulmaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Ls	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Ulmus minor</i>	Small-leaved elm	Ulmaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Ms - Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Ulmus procera</i>	English elm	Ulmaceae	Detached leaves dipped in zoospore suspensions	No	Leaf	High proportion with leaf necrosis, high level of back isolation	Hs - Ms	Denman <i>et al.</i> , 2005
<i>Ulmus procera</i>	English elm	Ulmaceae	Log inoculations	Yes	Inner bark	Inner bark death and bleeding cankers	R	Brasier <i>et al.</i> , <i>Personal Communication</i>
<i>Ulmus</i> sp.	Ornamental Scots elm	Ulmaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion well developed	Ms	Defra, PH0193S
<i>Umbellularia californica</i>	Californian bay laurel, Oregon myrtle	Lauraceae	Detached leaves dipped in zoospore suspensions	No	Leaf	High proportion with leaf necrosis, high level of back isolation	Hs - Ms	Denman <i>et al.</i> , 2005
<i>Umbellularia californica</i>	Californian bay laurel, Oregon myrtle	Lauraceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Umbellularia californica</i>	Californian bay laurel, Oregon myrtle	Lauraceae	Zoospore suspension dipping	No	Stem/Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Umbellularia californica</i>	Oregon myrtlewood	Lauraceae	Log inoculations	Details not supplied	Inner bark	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Umbellularia californica</i>	Oregon myrtlewood	Lauraceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Umbellularia californica</i>	Oregon myrtlewood	Lauraceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Details not supplied	Ls	Hansen <i>et al.</i> , 2005
<i>Umbellularia californica</i>	Oregon myrtlewood	Lauraceae	Leaf inoculation by pinning a mycelial plug to the upper surface of leaves	Yes	Leaf	Leaf lesions	Ls	Garbelotto <i>et al.</i> , 2003
<i>Umbellularia californica</i>	Oregon myrtlewood	Lauraceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	R	Hansen <i>et al.</i> , 2005
<i>Vaccinium membranaceum</i>	Big huckleberry	Ericaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Hs	Hansen <i>et al.</i> , 2005
<i>Vaccinium myrtillus</i>	European wild blueberry	Ericaceae	Young plants inoculated through stem or leaf tissue	Not specified	Stem/Leaf	Plant death	Hs	de Gruyter <i>et al.</i> , 2002
<i>Vaccinium ovatum</i>	Evergreen huckleberry	Ericaceae	Leaf inoculation by pinning a mycelial plug to the upper surface of leaves	Yes	Leaf	Leaf lesions	Ms	Garbelotto <i>et al.</i> , 2003
<i>Vaccinium ovatum</i>	Evergreen huckleberry	Ericaceae	Whole plant dip in zoospore suspension	No	Whole plant	Details not supplied	Hs	Hansen <i>et al.</i> , 2005
<i>Vaccinium ovatum</i>	Evergreen huckleberry	Ericaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Hs	Hansen <i>et al.</i> , 2005

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Vaccinium parvifolium</i>	Red huckleberry	Ericaceae	Detached leaf dip in zoospore suspension	Details not supplied	Details not supplied	Details not supplied	Not given	Zanzot <i>et al.</i> , 2002
<i>Vaccinium parvifolium</i>	Red huckleberry	Ericaceae	Leaf dip in zoospore suspension	No	Leaf	Details not supplied	Hs	Hansen <i>et al.</i> , 2005
<i>Vaccinium</i> sp.	Blueberry	Ericaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Vaccinium vitis-idaea</i>	Mountain cranberry	Ericaceae	Details not supplied	Details not supplied	Leaves and stems	Stem lesions	Ms	Orlikowski & Szkuta, 2003
<i>Vaccinium vitis-idaea</i>	Lingonberry	Ericaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis and dieback	Not given	Parke <i>et al.</i> , 2002b
<i>Viburnum davidii</i>	Viburnum	Caprifoliaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Lesion extension slight	Ls	Defra, PH0193S
<i>Viburnum davidii</i>	Viburnum	Caprifoliaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion extension slight	Ls	Defra, PH0193S
<i>Viburnum davidii</i>	Viburnum	Ericaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	Not given	Linderman <i>et al.</i> , 2002
<i>Viburnum lucidum</i>	Northern arrow wood	Caprifoliaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Viburnum opulus</i>	Guelder rose	Caprifoliaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion not extending much beyond wound	R	Defra, PH0193S
<i>Viburnum plicatum</i> var. <i>tomentosum</i>	Viburnum	Ericaceae	Detached leaf dip in zoospore suspension	Details not supplied	Leaf	Details not supplied	Not given	Linderman <i>et al.</i> , 2002
<i>Viburnum plicatum</i> var. <i>tortuosum</i> 'Mariesii'	Viburnum	Ericaceae	<i>In planta</i> foliage inoculations leaves still attached to potted plants either dipped into zoospore suspensions or inoculum sprayed onto leaves	No	Leaves, shoots, terminal buds	Leaf necrosis and defoliation	Ms	Parke <i>et al.</i> , 2004
<i>Viburnum tinus</i>	Laurustinus	Caprifoliaceae	Spraying sporangia	No	Leaf	Foliar necrosis which could be limited or large	Not given	Delatour <i>et al.</i> , 2002
<i>Viburnum tinus</i>	Viburnum	Caprifoliaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Ls	Vannini, <i>Personal Communication</i>
<i>Viburnum tinus</i>	Laurustinus	Caprifoliaceae	Mycelial plug on twig	Yes	Twig cutting	Bark necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Viburnum tinus</i>	Laurustinus	Caprifoliaceae	Zoospore point inoculation	Yes	Detached leaf	Leaf necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Viburnum tinus</i>	Viburnum	Caprifoliaceae	Stem susceptibility by wound inoculation with mycelial plugs	Yes	Stem	Lesion well developed	Ms	Defra, PH0193S
<i>Viburnum tinus</i>	Viburnum	Caprifoliaceae	Mycelial plug inoculum on leaf	Yes	Leaf	Lesion well developed	Ms	Defra, PH0193S
<i>Viburnum tinus</i>	Viburnum	Caprifoliaceae	Detached leaf dip in zoospore suspension	No	Leaf	Foliar necrosis	Hs	Parke <i>et al.</i> , 2002a
<i>Viburnum tinus</i> subsp. <i>rigidum</i>	Guelder Rose	Caprifoliaceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	Hs	Moralejo <i>et al.</i> , <i>Personal Communication</i>
<i>Viburnum x bodnantense</i>	Viburnum	Ericaceae	Young plants inoculated through stem or leaf tissue	Not specified	Stem/leaf	Free of damage	R	de Gruyter <i>et al.</i> , 2002
<i>Visnea mocanera</i>	Mocan	Lauraceae	Mycelial plug inoculum on leaf	Yes	Detached leaf	Leaf necrosis	R	Moralejo <i>et al.</i> , <i>Personal Communication</i>

Host name	Common name	Host family	Test method	Wounded?	Plant part tested	Symptom	Susceptibility*	Reference
<i>Vitis vinifera</i>	Grapevine	Vitaceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Weigela</i> sp.	Weigela	Caprifoliaceae	Mycelial plug inoculum on leaf	Yes	Leaf	No necrosis or necrosis only in damaged tissue	Virtually immune	Defra, PH0193S
<i>Zenobia pulverulenta</i>	Dusty zenobia	Ericaceae	Detached leaf dip in zoospore suspension	No	Leaf	Leaf lesion	Not given	Tooley & Englander, 2002