

PLANT PROBLEM DIAGNOSIS PEST ID LIST

Pest Common Name	Scientific name or Causal agent	Common hosts
Ambrosia Beetle	Various	Various
American mistletoe	<i>Phoradendron sp.</i>	
Aphids	<i>Aphis sp.</i>	
Apple scab	<i>Venturia inaequalis</i>	Malus sp.
Ash anthracnose	<i>Gnomoniella fraxini</i>	Ash
Asian Longhorn beetle	<i>Anoplophora glabripennis</i>	
Azalea Bark Scale	<i>Ericoccus azaleae</i>	Azalea
Azalea lace bug	<i>Stephanitis pyriodes</i>	Rhododendron sp.
Bacterial leaf scorch	<i>Xylella fastidiosa</i>	Oak, Maple, Sycamore
Bacterial leaf spot	<i>Xanthomonas sp.</i>	English Ivy
Bagworm	<i>Thyridopteryx ephemeraeformis</i>	
Black knot	<i>Apiosporina morbosa</i>	Cherry, Plum
Black root rot	<i>Thielaviopsis basicola</i>	Holly
Black spot of rose	<i>Diplocarpon rosae</i>	Rose
Black Vine Weevil	<i>Otiorhynchus sulcatus</i>	
Botryosphaeria canker	<i>Botryosphaeria sp.</i>	
Botrytis flower blight	<i>Botrytis cinerea</i>	Marigold, Pansy, Geranium
Boxelder bug	<i>Leptocoris trivittatus</i>	
Boxwood leafminer	<i>Monarthropalpus flavus</i>	Boxwood
Boxwood psyllid	<i>Cacopsylla buxi</i>	Boxwood
Bronze Birch Borer	<i>Agrilus anxius</i>	Birch
Brown Marmorated Stink Bug	<i>Halyomorpha halys</i>	
California Oakworm	<i>Phryganidia californica</i>	Oak
Camellia/Azalea leaf gall	<i>Exobasidium sp.</i>	Camellia, Azalea
Cedar-apple/quince/hawthorn rust	<i>Gymnosporangium sp.</i>	Juniper, Apple, Crabapple, Hawthorn, Quince
Chestnut blight	<i>Cryphonectria parasitica</i>	Chestnut
Cooley Spruce gall adelgid	<i>Adelgis cooleyi</i>	Colorado blue, Sitka, Engelman, White spruce; Douglas-fir
Cottony cushion scale	<i>Icerya purchasi</i>	
Cottony maple scale	<i>Pulvinaria innumerabilis</i>	
Crown gall	<i>Agrobacterium tumefaciens</i>	Pecan, Willow, Rose
Cynipid Gall Wasp		Oak
Cytospora Canker	<i>Cytospora sp.</i>	Maple, Spruce
Diplodia/Sphaeropsis tip blight	<i>Spaeropsis sapinea</i>	Pinus sp.
Dogwood borer	<i>Synanthedon scitula</i>	Dogwood
Dollar spot	<i>Sclerotinia homeocarpa</i>	Turf
Dutch Elm Disease	<i>Ceratocystis ulmi / Ophiostoma ulmi</i>	American, Belgian, Cedar, English, September, European, and winged Elm
Eastern Filbert Blight	<i>Anisogramma anomala</i>	American Filbert, European Filbert, Beaked Filbert, Giant Filbert
Elm bark beetle	<i>Hylurgopinus rufipes</i>	Ulmus sp
Elm leaf beetle	<i>Xanthogaleruca luteola</i>	Ulmus sp
Elongate Hemlock Scale	<i>Fiorinia externa</i>	Hemlock
Emerald Ash Borer	<i>Agrilus planipennis</i>	Ash

Entomosporium leaf spot	<i>Entomosporium mespili</i> / <i>E. maculata</i>	Photinia, Raphiolepis
Euonymus scale	<i>Unaspis euonymi</i>	Euonymus, Camellia, Buxus, Daphne, Hedera, Ilex, Ligustrum, Pachysandra and Prunus
European Hornet	<i>Vespa crabro germana</i>	Lilac, Birch, Willow, Boxwood, Poplar
European red mite	<i>Panonychus ulmi</i>	
Fall webworm	<i>Hyphantria cunea</i>	
Fireblight	<i>Erwinia amylovora</i>	Apple, Crabapple, Pear, Pyracantha
Flatheaded appletree borer	<i>Chrysobothris femorata</i>	Maple, Oak, Hickory, Sycamore, Willow, Rose, Cotoneaster
Fusiform rust	<i>Cronartium quercuum</i>	Oak, Pine
Ganoderma root and butt rot	<i>Ganoderma lucidum</i>	
Gloomy Scale	<i>Melanaspis tenebricosa</i>	Maple
Gypsy moth	<i>Lymantria dispar</i>	
Hackberry nippegall maker	<i>Pachypsylla celtidismamma</i>	Hackberry
Hemlock rust mite	<i>Nalepella tsugifoliae</i>	Hemlock
Hemlock woolly adelgid	<i>Adelgis tsugae</i>	Hemlock
Holly leafminer	<i>Phytomyza ilicicola</i>	Holly
Holly Pit Scale	<i>Asterolecanium puteanum</i>	American, Chinese, Japanese Holly
Hypoxylon canker-dieback	<i>Hypoxylon sp.</i>	Oak
Inner-veinal Chlorosis	<i>Iron deficiency</i>	
Inonotus Rot	<i>Inonotus spp.</i>	Oak, Paper birch, Black Cottonwood
Japanese beetle	<i>Popillia japonica</i>	
Japanese Maple Scale	<i>Lopholeucaspis japonica</i>	Maple, Dogwood, Holly, Magnolia, Prunus
Juniper scale	<i>Carulaspis juniperi</i>	Juniper, Cypress, Chamaecyparis
Lady beetles		
Leaf blister	<i>Taphrina caerulescens</i>	Oak
Leafhoppers		
Lecanium Scale	<i>Eulecanium</i> / <i>Parthenolecanium spp.</i>	Various
Lichens	<i>A fungus & algae association - not parasitic</i>	
Lilac/ash borer	<i>Podosesia syringae</i>	
Lygus bugs	<i>Lygus sp.</i>	
Magnolia scale	<i>Neolecanium cornuparvum</i>	Magnolia stellata, M. acuminata, M. quinquepeta, and M. soulangeana
Maple Petiole Borer	<i>Caulocampus acericaulis</i>	Maple
Masked chafer		
Maskell Scale	<i>Lepidosaphes pallida</i>	Cryptomeria
Mealybugs		
Mimosa webworm	<i>Homadaula anisocentra</i>	Mimosa, Thornless Honeylocust
Mosaic/Mottle	<i>Various viruses</i>	Rose, Camellia, Dogwood, Aspen
Nectria canker	<i>Nectria sp.</i>	

Cypress tip miners	<i>Argyresthia sp.</i>	Cypress, juniper, Arborvitae, and Redwood
Oak Anthracnose	<i>Discula quercina</i>	White Oak
Oak Leafminer	<i>Cameraria hamadryadella</i>	Oak
Oak Wilt	<i>Ceratocystis fagacearum</i>	Red and Live Oak
Obscure Scale	<i>Melanaspis obscura</i>	Oak
Ovulinia petal blight	<i>Ovulinia azaleae</i>	Rhododendron sp.
Peachtree borer	<i>Synanthedon exitiosa</i>	Prunus sp.
Pestalotia Blight / Leaf Spot	<i>Pestalotiopsis spp.</i>	Various
Phomopsis blight	<i>Phomopsis juniperovora</i>	Juniper
Phytophthora root and crown rot	<i>Phytophthora sp.</i>	
Pine needle scale	<i>Chionaspis pinifoliae</i>	Pines, Spruces, Douglas-fir and Cedar
Pine tip moths		Pine
Pinewood Nematode	<i>Bursaphelenchus xylophilis</i>	Japanese Black, Austrian, Mugo, and other non-native pines
Pitch Canker	<i>Fusarium moniliforme var. subglutinans</i>	Monterey, Virginia, Loblolly, and other pines
Ploioderma Needlecast	<i>Ploioderma lethale</i>	Pine
Poplar leaf rust	<i>Melampsora medusae</i>	Poplar, Douglas-fir, eastern and western larches, and lodgepole and ponderosa pines
Powdery mildew		
Redhumped caterpillar	<i>Schizura sp.</i>	
Rhabdocline needlecast	<i>Rhabdocline pseudotsugae</i>	Douglas-fir
Rhizosphaera needlecast	<i>Rhizosphaera sp.</i>	Spruce, Fir
Root knot nematode	<i>Meloidogyne sp.</i>	
Rose Rosette Disease	<i>Virus / Virus-like</i>	Rose
San Jose scale	<i>Quadraspidiotus perniciosus</i>	
Sapsucker / Woodpecker		Hemlock, Pine, Spruce, Fir, Maple, Beech, Birch, Willow
Seiridium Blight / Canker	<i>Seiridium unicorne</i>	Leyland Cypress
Shoestring root rot	<i>Armillaria mellea</i>	
Spring cankerworm	<i>Paleacrita vernata</i>	Elm, Hickory, Maple, Ash, Beech, Basswood, Oak and Apple
Spruce bud scale	<i>Physokermes hemicryphus</i>	Spruces, especially Norway
Spruce Needleminer	<i>Endothenia albolineana</i>	Spruce
Spruce spider mite	<i>Oligonychus ununguis</i>	Spruce, Arborvitae, Juniper, Hemlock, Pine, Douglas-fir, Siberian larch and other conifers
Stigmina Needle Blight	<i>Stigmina lautii</i>	Spruce
Sudden Oak Death	<i>Phytophthora ramorum</i>	Coast Live Oak, Coast Redwood, Tanoak, etc.
Swiss Needlecast	<i>Phaeocryptopus gaeumannii</i>	Douglas Fir
Tar spot	<i>Rhytisma sp.</i>	Maple

Tea Scale	<i>Fiorinia theae</i>	Camellia, Chinese Holly, Burford Holly
Tent caterpillar	<i>Malacosoma sp.</i>	Cherry
Thousand Cankers Disease	<i>Geosmithia morbida</i>	Black Walnut
Thrips		
Tubakia Leaf Spot	<i>Tubakia spp.</i>	Oak
Two spotted spider mite		
Twolined Chestnut borer	<i>Agilus bilineatus</i>	Oak, Chestnut
Twolined spittlebug	<i>Prosapia bicinata</i>	Turf
Verticillium Wilt	<i>Verticillium dahliae</i>	Many, but also many resistant species
Volutella blight	<i>Volutella pachysandricola</i>	Pachysandra
Wax scale		
Weevils		
White peach scale	<i>Pseudolaulacaspis pentagona</i>	Peach, Cherry
White pine weevil	<i>Pissodes strobi</i>	Pines, Spruces
Whiteflies		Ash, Dogwood, Sycamore, Sweetgum, Honeylocust, Black locust, Barberry, Redbud, Hibiscus, Rose, and more
Yellow Necked Caterpillar	<i>Datana ministra</i>	Crabapple, Cherry, Flowering Peach, Quince, Maple, Elm, Walnut, Oak, Hickory, Chestnut, Beech, Linden