



Plants Resistant to *Armillaria mellea*, Oak Root Fungus

This list is condensed from an 18 page document by Dr. Robert D. Raabe, University of California , Berkeley. It contains plants that are grown in our area. The complete document can be viewed under Garden Guides on www.YamagamisNursery.com.

Armillaria mellea is a common disease producing fungus found in much of California . It commonly occurs naturally in roots of oaks but does not damage them unless they are weakened by other factors. When oaks are cut down, the fungus moves through the dead wood more rapidly than through living wood and can exist in old roots for many years. Infection takes place by roots of susceptible plants coming in contact with roots in which the fungus is active. Some plants are naturally resistant to the fungus and though the fungus may infect them, little damage occurs. Such plants, however, if they are weakened in any way (usually from over-watering), may become susceptible and killed by the fungus.

Oak Root Fungus Resistant Plants

Abies concolor	Colorado or White Fir
Acacia longifolia	Sydney Golden Wattle, Bush Acacia
Acacia verticillata	Whorl-leaved or Star Acacia
Acer macrophyllum	Big-leaf Maple, Oregon Maple
Acer palmatum	Japanese Maple
Acer saccharum	Sugar Maple
Acer tataricum	Tartarian Maple
Acer tataricum ssp Ginnala	Ginnala Maple, Amur Maple
Ailanthus altissima	Tree-of-heaven
Angophora cordifolia	Gum Myrtle, Smooth Bark Apple
Arbutus menziesii	Madrone
Brachychiton populneus	Kurrajong Bottle Tree
Brugmansia suaveolens	Angel's Trumpet
Buxus sempervirens	Common or English Box
Callicarpa japonica	Beauty-berry
Calocedrus decurrens	Incense Cedar
Calycanthus occidentalis	Western Spice Bush, CA Allspice
Carpenteria californica	Bush or Tree Anemone
Catalpa bignonioides	Common Catalpa, Indian Bean
Celtis australis	European or Mediterranean Hackberry
Celtis occidentalis	Hackberry
Ceratonia siliqua	Carob, St John's Bread
Cercis occidentalis	CA Redbud, Western Redbud
Cercis siliquastrum	Judas Tree, Love Tree
Chaenomeles japonica	Japanese Flowering Quince
Chamaecyparis lawsoniana	"Ellwoodii" Ellwood Cypress
Chamaerops humilis	Fan Palm
Chionanthus retusa	Chinese Fringe Tree
Clerodendron bungei	Kashmir Bouquet, Glory Flower

Cornus mas	Cornelian Cherry, Sorbet
Correa	“Victory Bells”
Cotinus coggygria	Smoke Tree
Cryptomeria japonica	Japanese Cryptomeria or Cedar
Cupaniopsis anacardioides	Carrotwood, Tuckeroo
Cupressocyparis X leylandii	Leyland Cypress
Cupressus arizonica var. glabra	Smooth Arizona Cypress
Elaeagnus angustifolia	Russian Olive, Silver Berry
Erica arborea	Tree Heath
Eucalyptus cinerea	Dollar-leaf Eucalyptus,
Exochorda racemosa	Pearlbush
Fabiana imbricate	Fabiana
Fraxinus ornus	Flowering Ash, Manna Ash
Fraxinus uhdei	Shamel Ash, Evergreen Ash
Fraxinus velutina var. glabra	“Modesto” Modesto Ash
Garrya elliptica	Silk Tassel
Geijera parviflora	Australian Willow
Ginkgo biloba	Maidenhair Tree
Gleditsia tricanthos inermis	“Shademaster” Shademaster Locust
Hibiscus syriacus	Rose-of-Sharon, Shrub Althea
Hypericum patulum	St. Johnswort
Ilex aquifolium	English Holly, Common Holly
Ilex cornuta	Chinese Holly, Horned Holly
Jacaranda mimosifolia	Jacaranda
Koelreuteria paniculata	Golden Rain Tree
Lagerstroemia x amabilis	Crepe Myrtle
Liquidambar styraciflua	American Sweet Gum, Liquidambar
Liriodendron tulipifera	Tulip Tree, Yellow or Tulip Poplar
Lonicera nitida	Box Honeysuckle
Maclura pomifera	Osage Orange
Magnolia grandiflora	Southern Magnolia
Mahonia aquifolium	Holly Mahonia, Oregon Grape
Malus floribunda	Japanese Flowering Crab
Maytenus boaria	Mayten Tree
Melaleuca stypheliodes	Prickly Paperbark
Melia azedarach	Persian lilac, Bead Tree
Metasequoia glyptostroboides	Dawn Redwood
Myrica pensylvanica	Bayberry, Candleberry
Nandina domestica	Heavenly Bamboo
Philadelphus coronaries	Mock Orange
Phlomis fruticosa	Jerusalem Sage
Photinia x fraseri	
Pinus canariensis	Canary Island Pine
Pinus halepensis	Aleppo Pine
Pinus monticola	Western White Pine
Pinus patula Mexican pine,	Jelescote Pine
Pinus radiata	Monterey Pine
Pinus sylvestris	Scots Pine, Scotch Pine

Pinus torreyana	Torrey Pine
Pistacia chinensis	Chinese Pistache, Chinese Pistachio
Pittosporum crassifolium	Caro, Karo, Evergreen Pittosporum
Pittosporum eugenoides	T arata, Lemonwood
Pittosporum phillyreoides	Narrow-leaved or Weeping Pittosporum
Pittosporum tenuifolium	Black-Stem Pittosporum
Pittosporum undulatum	Victorian Box, Orange Berry Pittosporum
Prunus caroliniana	Cherry Laurel
Prunus ilicifolia	Holly-leaf Cherry
Prunus lyonii	Catalina Cherry
Prunus virginiana	Choke Cherry
Pseudocydonia sinensis	Chinese Quince
Quercus ilex	Holly Oak, Truffle Oak
Quercus lobata	Valley Oak, California White Oak
Sambucus canadensis	American or Sweet Elder
Sapium sebiferum	Chinese Tallow Tree
Sequoia sempervirens	Coast Redwood, CA Redwood
Sophora japonica	Japanese Pagoda Tree
Styrax japonicum	Japanese Snowball
Symphoricarpos sp.	Snowberry
Syzygium paniculatum	Australian Bush Cherry
Taxodium distichum	Bald Cypress, Swamp Cypress
Ternstroemia sylvatica	Mexican Ternstroemia
Tilia tomentosa	Silver Linden, Silver Lime
Tristania conferta	Brisbane Box
Ulmus x "Sapporo Gold"	
Ulmus parvifolia	Chinese Elm
Vitex agnus-castus	Blue Chaste Tree, Chaste Tree
Wisteria sinensis	Chinese Wisteria

Resistant Fruit and Nuts

Asimina triloba	Papaw,
Diospyros kaki	Japanese Persimmon
Ficus carica	"Kadota" Kadota Fig
Ficus carica	"Mission" Mission Fig
Juglans hindsii	California Black Walnut
Persea americana	Avocado
Psidium littorale var. longipes	Strawberry Guava
Prunus cerasifera Myrobalan	stone fruit rootstock
Prunus cerasifera Mariana	stone fruit rootstock
Prunus x domestica ssp. institia	St. Julien Plum stone fruit rootstock
Prunus persica	"Indian Peach" Indian Peach
Prunus salicina	"Methley" Methley Plum
Pyrus communis	European Pears, Common Pears
Rubus ulmifolia inermis	Thornless Blackberry
Rubus ursinus	"Loganobaccus" Loganberry
Rubus ursinus	"Ollalie" Ollalieberry

Plants that seem to be resistant but were not tested

Acer species.	(except A. negundo var. californica)
Aesculus x carnea	Pink Horsechestnut
Agonis species	Willow Myrtle
Araucaria species	(except A. cunninghamii)
Arctostaphylos species	Manzanita
Bambusa species	Bamboo
Calluna species	Heather
Cornus species.	Dogwood (except C. florida and C. capitata)
Euryops pectinatus	
Hedera canariensis	Algerian Ivy
Hedera helix	English Ivy
Helianthemum species	Sun Rose
Magnolia species	Magnolia
Morus species	Mulberry
Philadelphus species	Mock Orange
Phyllostachys species	Bamboo
Platanus species	Plane Tree, Sycamore
Rhaphiolepis umbellata	Yeddo Hawthorn
Robinia species	Locust
Sarcocca species	Sweet Box
Sassafras albidum	Sassafras
Tibouchina urvelleana	Pleroma, Princess Flower
Vaccinium sp.	Huckleberry