



Mycorrhizal Status of Plant Families and Genera

Family	Genus	Common Name (s)	Mycorrhizal Type			
			Endo	Ecto	Ericoid	Non
<i>Actinidiaceae</i>	<i>Actinidia</i>	Kiwi	Yes			
<i>Adoxaceae</i>	<i>Viburnum</i>	Viburnum	Yes			
<i>Alliaceae</i>	<i>Allium</i>	Garlic, Onion, Leek, Chives, Shallot	Yes			
<i>Altingiaceae</i>	<i>Liquidambar</i>	Sweetgum	Yes			
<i>Amaranthaceae</i>	<i>Amaranthus</i>	Amaranth				Yes
	<i>Atriplex</i>	Saltbush				Yes
	<i>Beta</i>	Sugar beet				Yes
	<i>Chenopodium</i>	Goosefoots				Yes
	<i>Spinacia</i>	Spinach	Often			
<i>Anacardiaceae</i>	<i>Anacardium</i>	Cashew	Yes			
	<i>Mangifera</i>	Mango	Yes			
	<i>Pistacia</i>	Pistachio	Yes			
	<i>Rhus</i>	Sumac	Yes			
	<i>Schinus</i>	Peppertree	Yes			
<i>Annonaceae</i>	<i>Asimina</i>	Pawpaw	Yes			
<i>Apiaceae</i>	<i>Anethum</i>	Dill	Yes			
	<i>Apium</i>	Celery	Yes			
	<i>Carum</i>	Caraway	Yes			
	<i>Coriandrum</i>	Coriander	Yes			
	<i>Daucus</i>	Carrot	Yes			
	<i>Foeniculum</i>	Fennel	Yes			
	<i>Levisticum</i>	Lovage	Yes			
	<i>Pastinaca</i>	Parsnips	Yes			
	<i>Petroselinum</i>	Parsley	Yes			
<i>Apocynaceae</i>	<i>Vinca</i>	Periwinkle	Yes			
<i>Aquifoliaceae</i>	<i>Ilex</i>	Holly	Yes			
<i>Araliaceae</i>	<i>Hedera</i>	Ivy	Yes			
	<i>Panax</i>	Ginseng	Yes			
<i>Araucariaceae</i>	<i>Araucaria</i>	Araucaria	Yes			
	<i>Wollemia</i>	Wollemi Pine	Yes			
<i>Arecaceae</i>	<i>Areca</i>	Betel Palm	Yes			
	<i>Chamaerops</i>	European fan palm	Yes			
	<i>Cocos</i>	Coconut palm	Yes			
	<i>Elaeis</i>	Oil palm	Yes			
	<i>Phoenix</i>	Date palm	Yes			

Family	Genus	Common Name (s)	Mycorrhizal Type			
			Endo	Ecto	Ericoid	Non
Asparagaceae	<i>Agave</i>	Century Plant	Yes			
	<i>Asparagus</i>	Asparagus	Yes			
	<i>Chlorophytum</i>	Chlorophytum	Yes			
	<i>Covallaria</i>	Lily of the valley	Yes			
	<i>Dracaena</i>	Dragon tree	Yes			
	<i>Hosta</i>	Hosta	Yes			
	<i>Hyacinthus</i>	Hyacinth	Yes			
	<i>Nolina</i>	Beargrass	Yes			
	<i>Ophiopogon</i>	Ophiopogon	Yes			
	<i>Polygonatum</i>	Solomon's seal	Yes			
	<i>Ruscus</i>	Butcher's broom	Yes			
Astereaceae	<i>Yucca</i>	Yucca	Yes			
	<i>Ambrosia</i>	Ambrosia	Yes			
	<i>Bellis</i>	English Daisy	Yes			
	<i>Callistephus</i>	China aster	Yes			
	<i>Chrysanthemum</i>	Chrysanthus	Yes			
	<i>Cichorium</i>	Chicory	Yes			
	<i>Dahlia</i>	Dahlia	Yes			
	<i>Helianthus</i>	Sunflower	Yes			
	<i>Matricaria</i>	Chamomile	Yes			
	<i>Lactuca</i>	Lettuce	Yes			
	<i>Stevia</i>	Sweet leaf	Yes			
Balsaminaceae	<i>Tagetes</i>	Marigold	Yes			
Berberidaceae	<i>Impatiens</i>	Impatiens, Jewelweeds	Yes			
	<i>Berberis</i>	Barberry	Yes			
Betulaceae	<i>Mahonia</i>	Oregon grape	Yes			
	<i>Alnus</i>	Alder	Yes	Yes		
	<i>Betula</i>	Birch		Yes		
	<i>Carpinus</i>	Hornbeam		Yes		
	<i>Corylus</i>	Witch hazel		Yes		
	<i>Ostrya</i>	Hop-hornbeam		Yes		
Bignoniaceae	<i>Ostryopsis</i>	Hazel-hornbeam		Yes		
	<i>Campsis</i>	Campsis	Yes			
	<i>Catalpa</i>	Catalpa	Yes			
	<i>Jacaranda</i>	Jacaranda	Yes			
	<i>Spathodea</i>	Tulip Tree	Yes			
Boraginaceae	<i>Tabebuia</i>	Ipe	Yes			
Boraginaceae	<i>Brunnera</i>	Forget-me-not	Yes			
Brassicaceae	<i>Armoracia</i>	Horseradish				Yes

Family	Genus	Common Name (s)	Mycorrhizal Type			
			Endo	Ecto	Ericoid	Non
	<i>Brassica</i>	Cabbage, Broccoli, Cauliflower, Turnip, Rapeseed				Yes
	<i>Lepidium</i>	Cress				Yes
	<i>Sinapsis</i>	White mustard				Yes
	<i>Raphanus</i>	Radish				Yes
<i>Bromeliaceae</i>	<i>Various*</i>	Various*				Yes
<i>Buddlejaceae</i>	<i>Buddleja</i>	Butterfly bush	Yes			
<i>Buxaceae</i>	<i>Buxus</i>	Boxwood	Yes			
<i>Cactaceae</i>	<i>Echinocactus</i>	Barrel cactus	Yes			
	<i>Opuntia</i>	Prickly pears	Yes			
<i>Cannabaceae</i>	<i>Cannabis</i>	Hemp	Yes			
	<i>Celtis</i>	Hackberry	Yes			
	<i>Humulus</i>	Hops	Yes			
<i>Caprifoliaceae</i>	<i>Abelia</i>	Abelia	Yes			
	<i>Lonicera</i>	Honeysuckle	Yes			
	<i>Weigela</i>	Weigela	Yes			
<i>Caricaceae</i>	<i>Carica</i>	Papaya	Yes			
<i>Caryophyllaceae</i>	<i>Dianthus</i>	Carnation				Yes
<i>Celastraceae</i>	<i>Euonymus</i>	Spindle tree	Yes			
<i>Cistaceae</i>	<i>Cistus</i>	Rock rose		Yes		
	<i>Helianthemum</i>	Rock rose		Yes		
<i>Colchicaceae</i>	<i>Colchicum</i>	Autumn crocus	Yes			
<i>Cornaceae</i>	<i>Cornus</i>	Dogwoods	Yes			
	<i>Davidia</i>	Dove tree	Yes			
<i>Crassulaceae</i>	<i>Sedum</i>	Stonecrop	Sometimes			Yes
	<i>Sempervivum</i>	Houseleek	Yes			
<i>Cucurbitaceae</i>	<i>Citrullus</i>	Watermelon	Yes			
	<i>Cucumis</i>	Cucumber, Melon	Yes			
	<i>Cucurbita</i>	Pumpkin, Squash	Yes			
	<i>Lagenaria</i>	Calabach	Yes			
	<i>Luffa</i>	Luffa	Yes			
<i>Cupressaceae</i>	<i>Calocedrus</i>	Incense-cedar	Yes			
	<i>Chamaecyparis</i>	Chamaecyparis	Yes			
	<i>Cryptomeria</i>	Japanese cedar	Yes			
	<i>Cunninghamia</i>	China-fir	Yes			
	<i>Cupressocyparis</i>	Cupressocyparis	Yes			
	<i>Cupressus</i>	Cypress	Yes			
	<i>Glyptostrobus</i>	Glyptostrobus	Yes			
	<i>Juniperus</i>	Juniper	Yes			

			Mycorrhizal Type			
Family	Genus	Common Name (s)	Endo	Ecto	Ericoid	Non
	<i>Metasequoia</i>	Dawn redwood	Yes			
	<i>Platycladus</i>	Chinese arborvitae	Yes			
	<i>Sequoia</i>	Redwood	Yes			
	<i>Sequoiadendron</i>	Giant redwood	Yes			
	<i>Taxodium</i>	Bald cypress	Yes			
	<i>Thuja</i>	Cedar	Yes			
	<i>Thujopsis</i>	Asunaro	Yes			
Cyperaceae	<i>Carex</i>	Sedge	Sometimes			Yes
	<i>Cyperus</i>	Papyrus sedge	Sometimes			Yes
	<i>Eriophorum</i>	Cottongrass	Sometimes			Yes
Ebenacea	<i>Diospyros</i>	Persimmon tree	Yes			
Elaeagnaceae	<i>Elaeagnus</i>	Silverberry	Yes			
	<i>Hippophae</i>	Sea-buckthorn	Yes			
	<i>Shepherdia</i>	Buffaloberry	Yes			
Ericaceae	<i>Arctostaphylos</i>	Manzanita		Yes		
	<i>Calluna</i>	Common heather			Yes	
	<i>Daboecia</i>	Daboecia			Yes	
	<i>Empetrum</i>	Crowberry			Yes	
	<i>Erica</i>	Heather			Yes	
	<i>Gaultheria</i>	Gaultheria		Yes	Yes	
	<i>Gaylussacia</i>	Gaylussacia			Yes	
	<i>Kalmia</i>	Lambkill		Yes	Yes	
	<i>Leucothoe</i>	Leucothoe			Yes	
	<i>Oxycoccus</i>	Crowberry			Yes	
	<i>Pieris</i>	Fetterbush			Yes	
	<i>Rhododendron</i>	Rhododendron, Azalea			Yes	
	<i>Vaccinium</i>	Blueberry, Cranberry, Huckleberry			Yes	
Euphorbiaceae	<i>Euphorbia</i>	Poinsettia	Yes			
	<i>Hevea</i>	Rubber tree	Yes			
	<i>Manihot</i>	Cassava	Yes			
	<i>Ricinus</i>	Castor oil plant	Yes			
Fabaceae	<i>Acacia</i>	Thorn tree	Yes			
	<i>Albizia</i>	Silk plant, Sirise	Yes			
	<i>Arachis</i>	Peanut	Yes			
	<i>Cercis</i>	Redbud	Yes			
	<i>Chamaecytisus</i>	Cytisus	Yes			
	<i>Cicer</i>	Chickpea	Yes			
	<i>Desmodium</i>	Tick clover	Yes			

Family	Genus	Common Name (s)	Mycorrhizal Type			
			Endo	Ecto	Ericoid	Non
	<i>Faba</i>	Fava bean	Yes			
	<i>Glycine</i>	Soybean	Yes			
	<i>Glycyrrhiza</i>	Liquorice	Yes			
	<i>Indigofera</i>	Indigofera	Yes			
	<i>Laburnum</i>	Golden chain	Yes			
	<i>Lens</i>	Lentil plant	Yes			
	<i>Lupinus</i>	Lupines	Yes			Sometimes
	<i>Medicago</i>	Medick, Burclover, Alfalfa	Yes			
	<i>Millettia</i>	Millettia	Yes			
	<i>Mimosa</i>	Mimosa	Yes			
	<i>Phaseolus</i>	Bean	Yes			
	<i>Pisum</i>	Peas	Yes			
	<i>Psoralea</i>	Indigo bush	Yes			
	<i>Robinia</i>	Locust	Yes			
	<i>Sophora</i>	Sophora	Yes			
	<i>Trifolium</i>	Clover	Yes			
<i>Wisteria</i>	Wisteria	Yes				
Fagaceae	<i>Castanea</i>	Chestnut		Yes		
	<i>Castanopsis</i>	Chinkapin		Yes		
	<i>Fagus</i>	Beech		Yes		
	<i>Chrysolepis</i>	Chinquapin		Yes		
	<i>Lithocarpus</i>	Tan oak		Yes		
	<i>Quercus</i>	Oak		Yes		
Gentianaceae	<i>Gentiana</i>	Gentian	Yes			
Geraniaceae	<i>Pelargonium</i>	Geraniums	Yes			
Ginkgoaceae	<i>Ginkgo</i>	Ginkgo	Yes			
Grossulariaceae	<i>Ribes</i>	Currant, Gooseberry	Yes			
Hamamelidaceae	<i>Corylopsis</i>	Corylopsis	Yes			
	<i>Fothergilla</i>	Witch alder	Yes			
	<i>Hamamelis</i>	Witch-hazel	Yes			
	<i>Parrotia</i>	Ironwood tree	Yes			
Hydrangeaceae	<i>Hydrangea</i>	Hortensia	Yes			
Hypericaceae	<i>Hypericum</i>	St. John's wort	Yes			
Iridaceae	<i>Crocus</i>	Crocus	Yes			
	<i>Freesia</i>	Freesia	Yes			
	<i>Gladiolus</i>	Gladiolus	Yes			
	<i>Iris</i>	Iris	Yes			
Juglandaceae	<i>Carya</i>	Hickory, Pecan		Yes		
	<i>Juglans</i>	Walnut	Yes			

Family	Genus	Common Name (s)	Mycorrhizal Type			
			Endo	Ecto	Ericoid	Non
	<i>Pterocarya</i>	Wingnut	Yes			
Lamiaceae	<i>Melissa</i>	Balm	Yes			
	<i>Mentha</i>	Mint	Yes			
	<i>Lamium</i>	Deadnettle	Yes			
	<i>Lavandula</i>	Lavender	Yes			
	<i>Ocimum</i>	Basil	Yes			
	<i>Origanum</i>	Marjoram, Oregano	Yes			
	<i>Salvia</i>	Sage	Yes			
	<i>Thymus</i>	Thyme	Yes			
Lauraceae	<i>Cinnamomum</i>	Cinnamon	Yes			
	<i>Laurus</i>	Laurus	Yes			
	<i>Persea</i>	Avocado	Yes			
Lecythiadaeae	<i>Bertholletia</i>	Brazil nut	Yes			
Liliaceae	<i>Lilium</i>	Lily of the valley	Yes			
	<i>Tulipa</i>	Tulip	Yes			
Linaceae	<i>Linum</i>	Flax	Yes			
Linderniaceae	<i>Torenia</i>	Wishbone flower	Yes			
Magnoliaceae	<i>Liriodendron</i>	Tulip tree	Yes			
	<i>Magnolia</i>	Magnolia	Yes			
Malvaceae	<i>Abelmoschus</i>	Okra	Yes			
	<i>Adansonia</i>	Baobab	Yes			
	<i>Cola</i>	Kola nut	Yes			
	<i>Durio</i>	Durian	Yes			
	<i>Gossypium</i>	Cotton	Yes			
	<i>Hibiscus</i>	Hibiscus	Yes			
	<i>Theobroma</i>	Cacao	Yes			
	<i>Tilia</i>	Lime tree, Linden tree		Yes		
Moraceae	<i>Ficus</i>	Fig tree	Yes			
	<i>Morus</i>	Mulberry	Yes			
Musaceae	<i>Musa</i>	Banana	Yes			
Myrtaceae	<i>Eucalyptus</i>	Eucalyptus	Yes	Yes		
	<i>Melaleuca</i>	Tea tree	Yes	Yes		
	<i>Leptospermum</i>	Leptospermum	Yes	Yes		
	<i>Myrtus</i>	Myrtle	Yes			
	<i>Psidium</i>	Guava	Yes			
Nothofagaceae	<i>Nothofagus</i>	Southern beech		Yes		
Oleaceae	<i>Forsythia</i>	Forsythia	Yes			
	<i>Fraxinus</i>	Ash	Yes			
	<i>Jasminum</i>	Jasmine	Yes			

Family	Genus	Common Name (s)	Mycorrhizal Type			
			Endo	Ecto	Ericoid	Non
	<i>Ligustrum</i>	Privet	Yes			
	<i>Olea</i>	Olive	Yes			
	<i>Syringa</i>	Lilac	Yes			
Onagraceae	<i>Fuchsia</i>	Fuchsia	Yes			
Orchidaceae	<i>Orchis</i>	Orchid				Orchid only
	<i>Dactylorhiza</i>	Dactylorhiza				Orchid only
	<i>Cattleya</i>	Cattleya, epiphyte	Sometimes			Usually
	<i>Cymbidium</i>	Cymbidium, epiphyte	Sometimes			Usually
	<i>Dendrobium</i>	Dendrobium, epiphyte	Sometimes			Usually
	<i>Epidendrum</i>	Epidendrum, epiphyte	Sometimes			Usually
	<i>Oncidium</i>	Oncidium, epiphyte	Sometimes			Usually
	<i>Paphiopedilum</i>	Paphiopedilum, epiphyte	Sometimes			Usually
	<i>Phalaenopsis</i>	Phalaenopsis, epiphyte	Sometimes			Usually
Paeoniaceae	<i>Paeonia</i>	Peony	Yes			
Paulowniaceae	<i>Paulownia</i>	Paulownia	Yes			
Pinaceae	<i>Abies</i>	Fir		Yes		
	<i>Cedrus</i>	Cedar		Yes		
	<i>Larix</i>	Larch		Yes		
	<i>Picea</i>	Spruce		Yes		
	<i>Pinus</i>	Pine		Yes		
	<i>Pseudolarix</i>	Golden larch		Yes		
	<i>Pseudotsuga</i>	Douglas fir		Yes		
	<i>Tsuga</i>	Hemlock		Yes		
Plantaginaceae	<i>Antirrhinum</i>	Snapdragon	Yes			
	<i>Digitalis</i>	Foxgloves	Yes			
	<i>Hebe</i>	Hebe	Yes			
	<i>Plantago</i>	Plantain	Yes			
	<i>Veronica</i>	Speedwell	Yes			
Platanaceae	<i>Platanus</i>	Sycamore. Plane tree	Yes			
Poaceae	<i>Avena</i>	Oat	Yes			
	<i>Cortaderia</i>	Pampas grass	Yes			
	<i>Hordeum</i>	Barley	Yes			
	<i>Miscanthus</i>	Miscanthus	Yes			
	<i>Oryza</i>	Rice	Yes			
	<i>Panicum</i>	Panicum	Yes			
	<i>Poa</i>	Meadow grass	Yes			
	<i>Triticum</i>	Wheat	Yes			

Family	Genus	Common Name (s)	Mycorrhizal Type			
			Endo	Ecto	Ericoid	Non
	<i>Zea</i>	Maize, Corn	Yes			
Podocarpaceae	<i>Podocarpus</i>	Podocarpus	Yes			
Primulaceae	<i>Cyclamen</i>	Cyclamen, Sowbread	Yes			
	<i>Primula</i>	Primrose	Yes			
Ranunculaceae	<i>Clematis</i>	Clematis	Yes			
	<i>Dicentra</i>	Bleeding heart	Yes			
	<i>Papaver</i>	Poppy	Yes			
Rhamnaceae	<i>Ceanothus</i>	Ceanothus, California lilac	Yes			
	<i>Frangula</i>	Alder buckthorn	Yes			
	<i>Rhamnus</i>	Buckthorn	Yes			
	<i>Ziziphus</i>	Jujube	Yes			
Rosaceae	<i>Amelanchier</i>	Shadbush	Yes			
	<i>Aronia</i>	Chokeberry	Yes			
	<i>Cotoneaster</i>	Cotoneaster	Yes			
	<i>Crataegus</i>	Hawthorn	Yes			
	<i>Cydonia</i>	Quince	Yes			
	<i>Dryas</i>	Avens		Generally		
	<i>Eriobotrya</i>	Loquat	Yes			
	<i>Fragaria</i>	Strawberry	Yes			
	<i>Malus</i>	Apple	Yes			
	<i>Mespilus</i>	Medlar	Yes			
	<i>Prunus</i>	Almond, Peach, Plum, Apricot, Cherry	Yes			
	<i>Pyrus</i>	Pear	Yes			
	<i>Rubus</i>	Blackberry, Raspberry	Yes			
	<i>Sorbus</i>	Rowan	Yes	Yes		
<i>Spiraea</i>	Meadowsweet	Yes				
Rutaceae	<i>Citrus</i>	Lemon, Lime, Orange, Grapefruit	Yes			
Salicaceae	<i>Populus</i>	Poplar	Yes	Yes		
	<i>Salix</i>	Willow	Yes	Yes		
Sapindaceae	<i>Acer</i>	Maple	Yes			
	<i>Aesculus</i>	Horse chestnut	Yes			
	<i>Dimocarpus</i>	Longan	Yes			
	<i>Koelreuteria</i>	Koelreuteria	Yes			
	<i>Lithchi</i>	Lychee	Yes			
	<i>Nephelium</i>	Rambutan	Yes			
	<i>Paullinia</i>	Guarana	Yes			

			Mycorrhizal Type			
Family	Genus	Common Name (s)	Endo	Ecto	Ericoid	Non
	<i>Xanthoceras</i>	Yellowhorn	Yes			
Saxifragaceae	<i>Saxifraga</i>	Saxifrage	Yes			
Sciadopityaceae	<i>Sciadopitys</i>	Koyamaki, Japanese umbrella pine	Yes			
Scrophulariaceae	<i>Diascia</i>	Twinspur	Yes			
Solanaceae	<i>Capsicum</i>	Pepper	Yes			
	<i>Mandragora</i>	Mandrake	Yes			
	<i>Nicotiana</i>	Tobacco	Yes			
	<i>Solanum</i>	Eggplant, Potato, Tomato	Yes			
	<i>Petunia</i>	Petunia, Surfinia	Yes			
Styracaceae	<i>Halesia</i>	Silverbell	Yes			
	<i>Styrax</i>	Styrax, Storax	Yes			
Tamaricaceae	<i>Tamarix</i>	Salt cedar	Yes			
	<i>Taxus</i>	Yew	Yes			
Theaceae	<i>Camellia</i>	Camellia, Tea tree	Yes			
Ulmaceae	<i>Ulmus</i>	Elm	Yes			
Verbenaceae	<i>Lantana</i>	Lantana	Yes			
	<i>Verbena</i>	Vervains, Verbena	Yes			
Violaceae	<i>Viola</i>	Violet	Yes			
Vitaceae	<i>Parthenocissus</i>	Creeper	Yes			
	<i>Vitis</i>	Grapevine	Yes			

***Plants with minimal or no soil have minimal or no mycorrhizal relationships.**

This list is constantly updated as new species are identified with or without mycorrhizal relationships. Please check our website (www.mycorrhizae.com) for the latest update. If a family or genus is not included on the list, then an internet search may be helpful. However, if you are performing trials, then the use of Sumitomo mycorrhizae product will not cause harm to your plants. If you wish to confirm colonization of an unlisted plant in your trials, then follow the instructions on the Trial Analysis sheet for submission directions and fee.

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