



*Note: 6 cm caliper denotes a deciduous tree
2 m height denotes an evergreen tree*

Small Trees Up To 30'

Common Name	Botanical Name	Replanting Size Requirements	Height and Spread at Maturity
Hedge Maple	<i>Acer campestre</i> 'Queen Elizabeth'	6 cm caliper	H25' x S15'
Vine Maple	<i>Acer circinatum</i>	6 cm caliper	H25' x S12'
David's Maple	<i>Acer davidii</i>	6 cm caliper	H25' x S15'
Rocky Mountain Maple	<i>Acer glabrum</i>	6 cm caliper	H25' x S10'
Amur Maple	<i>Acer ginnala</i>	6 cm caliper	H20' x S15'
Paperbark Maple	<i>Acer griseum</i>	6 cm caliper	H25' x S12'
Bloodgood Japanese Maple	<i>Acer palmatum</i> 'Bloodgood'	6 cm caliper	H15' x S15'
Pacific Sunset Maple	<i>Acer truncatum</i> x <i>A. platanooides</i> 'Warren Red'	6 cm caliper	H25' x S15'
Japanese Angelica Tree	<i>Aralia elata</i>	6 cm caliper	H25' x S20'
Young's Weeping Birch	<i>Betula pendula</i> 'Youngii'	6 cm caliper	H10' x S10'
Hackberry	<i>Celtis occidentalis</i>	6 cm caliper	H30' x S30'
Eastern Redbud	<i>Cercis canadensis</i>	6 cm caliper	H25' x S25'
Saware False Cypress	<i>Chamaecyparis pisifera</i>	2 m height	H20' x S15'
Hinoki False Cypress	<i>Chamaecyparis obtuse</i> 'Gracilis'	2 m height	H20' x S15'
Drooping Nootka Cypress	<i>Chamaecyparis nootkatensis</i> 'Pendula'	2 m height	H20' x S12'
Fringe Tree	<i>Chionanthus virginicus</i>	6 cm caliper	H30' x S20'
Eddie's White Wonder Dogwood	<i>Cornus</i> 'Eddie's White Wonder'	6 cm caliper	H25' x S10'
Chinese Dogwood	<i>Cornus chinensis</i>	6 cm caliper	H20' x S10'
Flowering Dogwood	<i>Cornus florida</i>	6 cm caliper	H20' x S15'
Kousa Dogwood	<i>Cornus kousa</i>	6 cm caliper	H20' x S10'
Cornelian Cherry	<i>Cornus mas</i>	6 cm caliper	H15' x S8'

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Common Name	Botanical Name	Replanting Size Requirements	Height and Spread at Maturity
Cockspur Hawthorn	<i>Crataegus crus-galli inermis</i>	6 cm caliper	H20' x S15'
Washington Hawthorn	<i>Crataegus phaenopyrum</i> 'Treeform'	6 cm caliper	H25' x S20'
Lavalle Hawthorn	<i>Crataegus x lavallei</i>	6 cm caliper	H18' x S15'
Shademaster Honeylocust	<i>Gleditsia traicanthos inermis</i> 'Shademaster'	6 cm caliper	H24' x S16'
English Holly	<i>Ilex aquifolium</i>	6 cm caliper	H25' x S15'
Golden Chain Tree	<i>Laburnum watereri</i> 'Vossii'	6 cm caliper	H25' x S20'
Caerhays Bell Magnolia	<i>Magnolia</i> 'Caerhays Bell'	6 cm caliper	H25' x S25'
Elizabeth Magnolia	<i>Magnolia</i> 'Elizabeth'	6 cm caliper	H25' x S25'
Galaxy Magnolia	<i>Magnolia</i> 'Galaxy'	6 cm caliper	H25' x S25'
Vulcan Magnolia	<i>Magnolia</i> 'Vulcan'	6 cm caliper	H25' x S25'
Waddas Memory Magnolia	<i>Magnolia</i> 'Waddas Memory'	6 cm caliper	H25' x S25'
Yellow Cucumber Tree	<i>Magnolia cordata</i>	6 cm caliper	H30' x S30'
Northern Japanese Magnolia	<i>Magnolia kobus</i>	2 m height	H30' x S20'
Oyama Magnolia	<i>Magnolia sieboldii</i>	6 cm caliper	H15' x S15'
Saucer Magnolia	<i>Magnolia soulangiana</i>	6 cm caliper	H25' x S25'
Japanese Crabapple	<i>Malus florabunda</i>	6 cm caliper	H20' x S30'
Prairiefire Crabapple	<i>Malus</i> x 'Prairiefire'	6 cm caliper	H20' x S20'
Ornamental Crabapple	<i>Malus</i> x <i>Zumi</i> 'Calocarpa'	6 cm caliper	H15' x S15'
White Mulberry	<i>Morus alba</i>	6 cm caliper	H20' x S20'
Sourwood	<i>Oxydendrum arboreum</i>	6 cm caliper	H20' x S15'
Shore Pine	<i>Pinus contorta</i>	2 m height	H30' x S18'
Persian Ironwood	<i>Parrotia persica</i>	6 cm caliper	H15' x S15'
Purpleleaf Plum	<i>Prunus cerasifera pissardi</i> 'Nigra'	6 cm caliper	H25' x S25'
Japanese Flowering Plum	<i>Prunus blireana</i>	6 cm caliper	H25' x S20'
Japanese Flowering Cherry	<i>Prunus serrulata</i>	6 cm caliper	H25' x S25'
Higan Cherry	<i>Prunus subhirtella</i>	6 cm caliper	H25' x S25'
Chokecherry	<i>Prunus virginiana</i>	6 cm caliper	H20' x S15'

Small Trees Up To 30'

Common Name	Botanical Name	Replanting Size Requirements	Height and Spread at Maturity
Staghorn Sumac	<i>Rhus typhina</i>	6 cm caliper	H15' x S20'
European Mountain Ash	<i>Sorbus aucuparia</i>	6 cm caliper	H25' x S15'
Japanese Stewartia	<i>Stewartia pseudocamellia</i>	6 cm caliper	H30' x S20'
Japanese Snowbell	<i>Styrax japonica</i>	6 cm caliper	H30' x S18'
Fragrant Snowbell	<i>Styrax obassia</i>	6 cm caliper	H20' x S10'
Ivory Silk Tree Lilac	<i>Syringa reticulata</i> 'Ivory Silk'	6 cm caliper	H30' x S15'
Hatifeld Yew	<i>Taxus hatfieldii</i>	2 m height	H15' x S5'
Hick's Yew	<i>Taxus media</i> 'Hicksii'	2 m height	H12' x S5'

Medium Trees 30' to 50'

Common Name	Botanical Name	Replanting Size Requirements	Height and Spread at Maturity
Coliseum Maple	<i>Acer cappadocicum</i> 'Rubrum'	6 cm caliper	H35' x S15'
Box Elder	<i>Acer negundo</i>	6 cm caliper	H50' x S25'
Norway Maple	<i>Acer platanoides</i>	6 cm caliper	H50' x S35'
Crimson King Maple	<i>Acer platanoides</i> 'Crimson King'	6 cm caliper	H50' x S35'
Crimson Sentry Mapl	<i>Acer platanoides</i> 'Crimson Sentry'	6 cm caliper	H50' x S20'
Drummond Maple	<i>Acer platanoides</i> 'Drummondii'	6 cm caliper	H50' x S35'
Royal Red Maple	<i>Acer platanoides</i> 'Royal Red'	6 cm caliper	H50' x S35'
Red Maple	<i>Acer rubrum</i>	6 cm caliper	H40' x S20'
Red Sunset Maple	<i>Acer rubrum</i> 'Red Sunset'	6 cm caliper	H40' x S20'
Red Horsechestnut	<i>Aesculus x carnea</i>	6 cm caliper	H40' x S40'
Ruby Red Horsechestnut	<i>Aesculus x carnea</i> 'Birotti'	6 cm caliper	H40' x S40'
Silk Tree	<i>Albizia julibrissin</i>	6 cm caliper	H40' x S50'
Pacific Madrone	<i>Arbutus menziesii</i>	2 m height	H35' x S20'
Jacquemontii Birch	<i>Betula jacquemontii</i>	6 cm caliper	H40' x S20'
Cutleaf Weeping Birch	<i>Betula pendula</i> 'laciniata'	6cm caliper	H30' x S20'

Medium Trees 30' to 50'

Common Name	Botanical Name	Replanting Size Requirements	Height and Spread at Maturity
River Birch	<i>Betula nigra</i>	6 cm caliper	H50' x S30'
Paper Birch	<i>Betula papyrifera</i>	6 cm caliper	H50' x S25'
European White Birch	<i>Betula pendula</i>	6 cm caliper	H40' x S20'
Asian White Birch	<i>Betula platyphylla</i>	6 cm caliper	H50' x S20'
European Hornbeam	<i>Carpinus betulus</i>	6 cm caliper	H40' x S30'
Common Catalpa	<i>Catalpa bignoides</i>	6 cm caliper	H40' x S30'
Katsura Tree	<i>Cercidiphyllum japonicum</i>	6 cm caliper	H40' x S20'
Nootka Cypress	<i>Chamaecyparis nootkatensis</i>	2 m height	H50' x S30'
Giant Dogwood	<i>Cornus controversa</i>	6 cm caliper	H50' x S30'
Pacific Dogwood	<i>Cornus nuttallia</i>	6 cm caliper	H50' x S20'
Handkerchief Tree	<i>Davidia involucrata</i>	6 cm caliper	H35' x S20'
Flowering Ash	<i>Fraxinus ornus</i>	6 cm caliper	H40' x S20'
Green Ash	<i>Fraxinus pennsylvanica</i>	6 cm caliper	H30' x S30'
Patmore Ash	<i>Fraxinus pennsylvanica</i> 'Patmore'	6 cm caliper	H35' x S20'
Summit Ash	<i>Fraxinus pennsylvanica</i> 'Summit'	6 cm caliper	H35' x S20'
Urbanite Ash	<i>Fraxinus pennsylvanica</i> 'Urbanite'	6 cm caliper	H35' x S20'
Maidenhair Tree	<i>Ginkgo biloba</i>	6 cm caliper	H35' x S20'
Mountain Silverbell	<i>Halesia monticola</i>	6 cm caliper	H45' x S15'
Japanese Walnut	<i>Juglans ailantifolia</i>	6 cm caliper	H50' x S30'
Butternut	<i>Juglans cinera</i>	6 cm caliper	H50' x S30'
Golden Rain Tree	<i>Koelreuteria paniculata</i>	6 cm caliper	H35' x S40'
European Larch	<i>Larix decidua</i>	2 m height	H45' x S20'
Cucumber Tree	<i>Magnolia acuminata</i>	2 m height	H50' x S25'
Dawson Magnolia	<i>Magnolia dawsoniana</i>	2 m height	H50' x S30'
Antarctic Beech	<i>Nothofagus antarctica</i>	6 cm caliper	H50' x S30'
Sour Gum Tree	<i>Nyssa sylvatica</i>	6 cm caliper	H50' x S25'
Pin Oak	<i>Quercus palustris</i>	6 cm caliper	H50' x S35'
Empress Tree	<i>Paulownia tomentosum</i>	6 cm caliper	H45' x S40'

Medium Trees 30' to 50'

Common Name	Botanical Name	Replanting Size Requirements	Height and Spread at Maturity
Amur Cork Tree	<i>Phellodendron amurense</i>	6 cm caliper	H40' x S25'
Serbian Spruce	<i>Picea omorika</i>	2 m height	M35' x S12"
Himalayan White Pine	<i>Pinus wallichiana</i>	2 m height	H40' x S30'
Western White Pine	<i>Pinus monticola</i>	2 m height	H50' x S30'
Austrian Pine	<i>Pinus nigra</i>	2 m height	H40' x S25'
Ponderosa Pine	<i>Pinus ponderosa</i>	2 m height	H50' x S30'
Sycamore Maple	<i>Acer pseudoplatanus</i>	6 cm caliper	H40' x S25'
Sargent Flowering Cherry	<i>Prunus sargentii</i>	6 cm caliper	H40' x S30'
Black Cherry	<i>Prunus serotina</i>	6 cm caliper	H40' x S40'
Yoshino Cherry	<i>Prunus yedoensis</i>	6 cm caliper	H40' x S30'
Pink Locust	<i>Robinia ambigua</i> 'Idahoensis'	6 cm caliper	H40' x S20'
Weeping Willow	<i>Salix babylonica</i>	6 cm caliper	H35' x S35'
Corkscrew Willow	<i>Salix matsudana</i> 'Tortuosa'	6 cm caliper	H40' x S20'
Umbrella Pine	<i>Sciadopitys verticillata</i>	2 m height	H40' x S25'
Pink Pagoda Mountain Ash	<i>Sorbus huphensis</i> 'Pink Pagoda'	6 cm caliper	H50' x S30'
Pacific Yew	<i>Taxus brevifolia</i>	2 m height	H50' x S25"
Redmond Linden	<i>Tilia americana</i> 'Redmond'	6 cm caliper	H50' x S30'
Little Leaf Linden	<i>Tilia cordata</i>	6 cm caliper	H35' x S15'
Chancellor Little Leaf Linden	<i>Tilia cordata</i> 'Chancellor'	6 cm caliper	H35' x S15'
Greenspire Little Leaf Linden	<i>Tilia cordata</i> 'Greenspire'	6 cm caliper	H35' x S20'
Siberian Elm	<i>Ulmus pumila</i>	6 cm caliper	H50' x S30'
Green Vase Japanese Zelkova	<i>Zelkova serrata</i> 'Green Vase'	6 cm caliper	H50' x S25'

Large Trees Over 50'

Common Name	Botanical Name	Replanting Size Requirements	Height and Spread at Maturity
Balsam Fir	<i>Abies balsamea</i>	2 m height	H60' x S35'
White Fir	<i>Abies concolor</i>	2 m height	H60' x S35'
Fraser's Fir	<i>Abies fraseri</i>	2 m height	H50' x S25'

Large Trees Over 50'

Common Name	Botanical Name	Replanting Size Requirements	Height and Spread at Maturity
Grand Fir	<i>Abies grandis</i>	2 m height	H100' x S50'
Alpine Fir	<i>Abies lasiocarpa</i>	2 m height	H75' x S25'
Noble Fir	<i>Abies procera</i>	3 m height	H125' x S45'
Bigleaf Maple	<i>Acer macrophyllum</i>	6 cm caliper	H95' x S40'
Silver Maple	<i>Acer saccharinum</i>	6 cm caliper	H80' x S80'
Sugar Maple	<i>Acer saccharum</i>	6 cm caliper	H60' x S50'
Common Horsechestnut	<i>Aesculus hippocastanum</i>	6 cm caliper	H60' x S40'
Monkey Puzzle Tree	<i>Araucaria araucana</i>	2 m height	H70' x S30'
California Incense Cedar	<i>Calocedrus decurrens</i>	2 m height	H75' x S35'
Western Catalpa	<i>Catalpa speciosa</i>	6 cm caliper	H70' x S30'
Atlas Cedar	<i>Cedrus atlantica</i>	2 m height	H60' x S35'
Blue Atlas Cedar	<i>Cedrus atlantica</i> 'Glauca'	2 m height	H60' x S35'
Cedar of Lebanon	<i>Cedrus Libani</i>	2 m height	H80' x S45'
American Beech	<i>Fagus grandiflora</i>	6 cm caliper	H70' x S120'
European Beech	<i>Fagus sylvatica</i>	6 cm caliper	H70' x S30'
Copper Beech	<i>Fagus sylvatica</i> 'Autopurpurea'	6 cm caliper	H70' x S30'
White Ash	<i>Fraxinus americana</i>	6 cm caliper	H80' x S45'
Autumn Purple Ash	<i>Fraxinus americana</i> 'Autumn Purple'	6 cm caliper	H80' x S45'
Autumn Applause Ash	<i>Fraxinus americana</i> 'Autumn Applause'	6 cm caliper	H80' x S35'
European Ash	<i>Fraxinus excelsior</i>	6 cm caliper	H60' x S50'
Thornless Honeylocust	<i>Gleditsia tricanthos inermis</i>	6 cm caliper	H60' x S35'
Sunburst Honeylocust	<i>Gleditsia tricanthos intermis</i> 'Sunburst'	6 cm caliper	H60' x S35'
Black Walnut	<i>Juglans nigra</i>	6 cm caliper	H100' x S45'
English Walnut	<i>Juglans regia</i>	6 cm caliper	H60' x S40'
Worplesdon Sweetgum	<i>Liquidambar styraciflua</i> 'Worpleston'	6 cm caliper	H60' x S25'
Tuliptree	<i>Liriodendron tulipifera</i>	6 cm caliper	H60' x S40'
Southern Magnolia	<i>Magnolia grandiflora</i>	2 m height	H80' x S40'

Large Trees Over 50'

Common Name	Botanical Name	Replanting Size Requirements	Height and Spread at Maturity
Dawn Redwood	<i>Metasequoia glyptostroboides</i>	2 m height	H80' x S35'
Norway Spruce	<i>Picea abies</i>	2 m height	H100' x S40'
White Spruce	<i>Picea glauca</i>	2 m height	H70' x S40'
Serbian Spruce	<i>Picea omorika</i>	2 m height	H60' x S20'
Colorado Spruce	<i>Picea pungens</i>	2 m height	H80' x 40'
Colorado Blue Spruce	<i>Picea pungens</i> 'Glauca'	2 m height	H80' x S40'
Hoop's Blue Spruce	<i>Picea pungens</i> 'Hoopsii'	2 m height	H80' x S40'
Koster Blue Spruce	<i>Picea pungens</i> 'Koster'	2 m height	H80' x S40'
Sitka Spruce	<i>Picea sitchensis</i>	2 m height	H100' x S45'
Monterey Pine	<i>Pinus radiata</i>	2 m height	H65' x S35'
Red Pine	<i>Pinus resinosa</i>	2 m height	H65' x S40'
Eastern White Pine	<i>Pinus strobus</i>	2 m height	H80' x S45"
Scotch Pine	<i>Pinus sylvestris</i>	2 m height	H70' x S45'
Japanese Black Pine	<i>Pinus thunbergii</i>	2 m height	H80' x S40'
London Plane Tree	<i>Platanus acerifolia</i>	6 cm caliper	H60' x S45'
Douglas Fir	<i>Pseudotsuga menziesii</i>	2 m height	H70' x S45'
Scarlet Oak	<i>Quercus coccinea</i>	6 cm caliper	H60' x S45'
Garry Oak	<i>Quercus garryana</i>	6 cm caliper	H60' x S40'
English Oak	<i>Quercus robur</i>	6 cm caliper	H90' x S40'
Red Oak	<i>Quercus rubra</i>	6 cm caliper	H90' x S50'
Black Locust	<i>Robinia pseudoacacia</i>	6 cm caliper	H75' x S35'
Yellow Leaf Black Locust	<i>Robinia pseudoacacia</i> 'Frisia'	6 cm caliper	H75' x S35'
White Willow	<i>Salix alba</i>	6 cm caliper	H80' x S50'
Golden Weeping Willow	<i>Salix alba</i> 'Tristis'	6 cm caliper	H80' x S50'
Coast Redwood	<i>Sequoia sempervirens</i>	2 m height	H150' x S50'
Giant Redwood	<i>Sequoiadendron giganteum</i>	2 m height	H150' x S50'
Golden Cedar	<i>Thuja plicata</i> 'Aurea'	2 m height	H70' x S40'
Western Red Cedar	<i>Thuja plicata</i> 'Excelsior'	2 m height	H100' x S45'

Large Trees Over 50'

Common Name	Botanical Name	Replanting Size Requirements	Height and Spread at Maturity
Basswood	<i>Tilia americana</i>	6 cm caliper	H60' x S25'
Canadian Hemlock	<i>Tsuga canadensis</i>	2 m height	H90' x S35'
Western Hemlock	<i>Tsuga heterophylla</i>	2 m height	H125' x S40'
Mountain Hemlock	<i>Tsuga mertensiana</i>	2 m height	H60' x S30'
American Elm	<i>Ulmus americana</i>	6 cm caliper	H100' x S80'
Scotch Elm	<i>Ulmus glabra</i>	6 cm caliper	H120' x S50'

Fastigiated or Columnar Trees

Common Name	Botanical Name	Replanting Size Requirements	Height and Spread at Maturity
Armstrong Maple	<i>Acer rubrum</i> 'Armstrong'	6 cm caliper	H40' x S15'
Bowhall Maple	<i>Acer rubrum</i> 'Bowhall'	6 cm caliper	H40' x S15'
Columnar Red Maple	<i>Acer rubrum</i> 'Columnaire'	6 cm caliper	H40' x S12'
Karpick Maple	<i>Acer rubrum</i> 'Karpick'	6 cm caliper	H40' x S15'
Scanlon Red Maple	<i>Acer rubrum</i> 'Scanlon'	6 cm caliper	H40' x S15'
Scarlet Sentinel Maple	<i>Acer rubrum</i> 'Scarlet Sentinel'	6 cm caliper	H40' x S15'
Pyramidal European Hornbeam	<i>Carpinus betulus</i> 'Fastigiata'	6 cm caliper	H40' x S12'
Franz Fontaine Hornbeam	<i>Carpinus betulus</i> 'Franz Fontaine'	6 cm caliper	H40' x S12'
Purple Dawyck Beech	<i>Fagus sylvatica</i> 'Dawyckii Purple'	6 cm caliper	H35' x S8'
Dawyck Beech	<i>Fagus sylvatica</i> 'Dawyckii'	6 cm caliper	H35' x S8'
Princeton Sentry Maidenhair Tree	<i>Ginkgo biloba</i> 'Princeton Sentry'	6 cm caliper	H30' x S10'
Chanticleer Pear	<i>Pyrus calleryana</i> 'Chanticleer'	6 cm caliper	H40' x S15'
Upright English Oak	<i>Quercus robur</i> 'Fastigiata'	6 cm caliper	H35' x S12'
Upright Japanese Pagoda Tree	<i>Sophora japonica</i> 'Regent'	6 cm caliper	H20' x S10'