

## Arbor Day Foundation

Recommended tree types for Zones 6-7 (includes Rolla Mo)

### Street trees (no droppings, salt resistant)

<b>Common name</b>	<b>Latin name</b>	<b>Feet Mature ht</b>	<b>Feet Mature wdth</b>
Seaside Alder	<i>Alnus maritima</i>	20-30	16-20
Whitespire Senior Gray Birch	<i>Betula populifolia</i>	30-40	20-30
Ohio Buckeye	<i>aesculus glabra</i>	20-40	20-40
Yellow Buckeye	<i>Aesculus flava</i>	60-80	25-35
Northern Catalpa	<i>Catalpa speciosa</i>	40-60	20-40
Southern Catalpa	<i>Catalpa bignonioides</i>	30-40	30-40
Hybrid Catalpa	<i>Catalpa erubescens</i>	40-50	40-50
Eastern Red Cedar	<i>Juniperus virginiana</i>	40-50	8-20
Red Horse Chestnut	<i>Aesculus carnea</i>	30-40	30-40
Frontier Elm	<i>Ulmus Frontier</i>	30-40	20-30
Lacebark Elm	<i>Ulmus parvifolia</i>	40-50	40-50
New Horizon Elm	<i>Ulmus New Horizon</i>	30-40	15-25
Patriot Elm	<i>Ulmus 'Patriot'</i>	40-50	30-40
Princeton Elm	<i>Ulmus americana</i>	50-70	30-50
Regal Elm	<i>Ulmus 'Regal'</i>	50-60	50-60
Ginkgo	<i>Gingko biloba</i>	50-80	variable
Hackberry	<i>Celtis occidentalis</i>	40-60	40-50
Green Hawthorn	<i>Crataegus viridis</i>	20-35	20-35
Thornless cockspur Hawthorn	<i>Crataegus crus-galli var. inermis</i>	20-30	20-35
Washington Hawthorn	<i>Crataegus phaenopyrum</i>	25-30	20-25
Ironwood	<i>Ostrya virginiana</i>	25-40	15-40
Littleleaf Linden	<i>Tilia cordata</i>	60-70	30-40
Silver Linden	<i>Tilia tomentosa</i>	50-70	25-40
Thornless Honey Locust	<i>Gleditsia triacanthos f. inermis</i>	30-70	30-70
Big leaved Linden	<i>Tilia platyphyllos</i>	60-80	50-60
Freeman's Maple	<i>Acer freemanii</i>	40-60	20-40
Sycamore Maple	<i>Acer pseudoplatanus</i>	40-60	35-60
Trident Maple	<i>Acer buergerianum</i>	25-35	15-25
Black Oak	<i>Quercus velutina</i>	50-70	40-70
English Oak	<i>Quercus robur</i>	75-100	75-100
Hill's Oak	<i>Quercus ellipsoidalis</i>	40-75	40-75
Northern Red Oak	<i>Quercus rubra</i>	60-75	60-75
Swamp White Oak	<i>Quercus bicolor</i>	50-60	50-60
Osage Orange	<i>Maclura pomifera</i>	20-40	20-40
Hardy Rubber Tree	<i>Eucommia ulmoides</i>	40-60	30-50
Allegheny serviceberry	<i>Amelanchier laevis</i>	15-25	15-25
Apple serviceberry	<i>Amelanchier x grandiflora</i>	20-25	20-25
Sugarberry	<i>Celtis laevigata</i>	40-60	40-60
Black Gum	<i>Nyssa sylvatica</i>	30-50	20-30
Yellowwood	<i>Cladrastis kentukea</i>	30-50	40-55

### Public Trees recommended for under powerlines

Seaside Alder	<i>Alnus maritima</i>	20-30	16-20
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Allegheny serviceberry	Amelanchier laevis	15-25	15-25
Apple serviceberry	Amelanchier x grandiflora	20-25	20-25
Sour Cherry	Prunus cerasus, Prunus North Star	7-9	8-10
Crabapple cultivars	Malus	15-20	15-20
Redbud	Cercis canadensis	20-30	25-35
Kousa Dogwood	Cornus kousa	20-30	21-30
White Fringe Tree	Chionanthus virginicus var. maritimus	15-20	10-15
Cockspur Hawthorn	Crataegus crus-galli	20-30	20-35
Thornless Cockspur Hawthorn	Crataegus crus-galli var. inermis	20-30	20-35
Dotted Hawthorn	Crataegus punctata	20-30	20-40
Downy Hawthorn	Crataegus mollis	20-30	20-40
Scarlet Hawthorn	Crataegus coccinea	20-25	21-25
English Hawthorn (Whitethorn)	Crataegus laevigata	15-20	15-20
Single seeded Hawthorn	Crataegus monogyna	20-30	20-40
Washington Hawthorn	Crataegus phaenopyrum	25-30	20-25
Hybrid Flowering Dogwood	Cornus x rutgersensis (FC. Florida x C. kousa)	12-20	10-20
Bigtooth Maple	Acer grandidentatum	20-30	20-30
Paperbark Maple	Acer griseum	20-25	15-20
Bristlecone Pine	Pinus aristata	10-12	4-6
Eastern Redbud	Cercis canadensis	20-30	15-30
Common Smoketree	Cotinus coggygria	10-15	12
American Smoketree	Cotinus obovata	15-30	12
Common Chokeberry	Prunus virginiana	20-30	15-20
Atlantic White Cedar	Chamaecyparis thoides	5-8	3-5

### Residential and park trees

Speckled Alder	Alnus incana subsp. Rugosa	15-25	15-25
Seaside Alder	Alnus maritima	20-30	16-20
Giant Arborvitae	Thuja plicata	50-70	15-25
Eastern Arborvitae	Thuja occidentalis	40-60	10-15
Western Arborvitae	Thuja plicata	50-70	15-25
Quaking Aspen	Populus tremuloides	40-50	20-30
American Basswood	Tilia americana	60-80	30-60
American Beech	Fagus grandifolia	50-70	50-70
Gray Birch	Betula populifolia	20-40	10-20
Paper Birch	Betula papyrifera	50-70	19-45
River Birch	Betula nigra	30-40	20-30
Sweet Birch	Betula lenta	40-50	35-45
Whitespire Senior Gray Birch	Betula populifolia	30-40	20-30
Yellow Birch	Betula alleghaniensis	60-75	60-75
Boxelder	Acer negundo	30-50	30-50
Ohio Buckeye	aesculus glabra	20-40	20-40
Yellow Buckeye	Aesculus flava	60-80	25-35
Red Buckeye	Aesculus pavia	15-20	15-30
Northern Catalpa	Catalpa speciosa	40-60	20-40
Southern Catalpa	Catalpa bignonioides	30-40	30-40
Hybrid Catalpa	Catalpa erubescens	40-50	40-50
Crabapple cultivars	Malus	15-20	15-20
Prairie Crabapple	Malus ioensis	20-30	20-30
Horse Chestnut	Aesculus hippocastanum	50-75	40-65

Red Horse Chestnut	<i>Aesculus carnea</i>	30-40	30-40
Eastern Red Cedar	<i>Juniperus virginiana</i>	40-50	8-20
Amur Cherry	<i>Prunus maackii</i>	35-45	25-35
Black Cherry	<i>Prunus serotina</i>	50-60	20-30
Higan Cherry	<i>Prunus subhirtella</i>	20-40	15-30
Sargent Cherry	<i>Prunus sargentii</i>	40-50	40-50
Kentucky Coffeetree	<i>Gymnocladus dioicus</i>	60-75	40-50
Crabapple Cultivars	<i>Malus</i>	15-20	Variable
Cucumbertree	<i>Magnolia acuminata</i>	50-80	50-80
Bald Cypress	<i>Taxodium distichum</i>	50-70	20-30
Leyland Cypress	<i>Cupressocyparis leylandii</i>	60-70	10-15
Nootka falsecypress	<i>Chamaecyparis nootkatensis</i>	30-40	15-30
Hybrid Flowering Dogwood	<i>Cornus x rutgersensis</i> (FC. Florida x <i>C. kousa</i> )	12-20	10-20
Flowering Dogwood	<i>Cornus florida</i>	20-40	20
Kousa Dogwood	<i>Cornus kousa</i>	20-30	21-30
Commendation Elm	<i>Ulmus</i> 'morton Stalwart'	50-60	40-50
Frontier Elm	<i>Ulmus</i> Frontier	30-40	20-30
Lacebark Elm	<i>Ulmus parvifolia</i>	40-50	40-50
Triumph Elm	<i>Ulmus</i> 'Morton Glossy'	50-60	35-40
Danada Charm Elm	<i>Ulmus</i> 'Morton Red Tip'	60-70	50-60
New Horizon Elm	<i>Ulmus</i> New Horizon	30-40	15-25
Patriot Elm	<i>Ulmus</i> 'Patriot'	40-50	30-40
Princeton or American Elm	<i>Ulmus americana</i>	50-70	30-50
Prospector Elm	<i>Ulmus davidiana</i> var. <i>japonica</i> 'Prospector'	40-50	20-25
Regal Elm	<i>Ulmus</i> 'Regal'	50-60	50-60
Balsam Fir	<i>Abies balsamea</i>	45-75	20-25
Douglas Fir	<i>Pseudotsuga menziesii</i>	40-80	12-20
White Fir	<i>Abies concolor</i>	35-50	15-20
Fringe Tree	<i>Chionanthus virginicus</i>	12-20	12-20
Ginkgo	<i>Ginkgo biloba</i>	50-80	variable
Hackberry	<i>Celtis occidentalis</i>	40-60	40-50
Cockspur Hawthorn	<i>Crataegus crus-galli</i>	20-30	20-35
Thornless Cockspur Hawthorn	<i>Crataegus crus-galli</i> var. <i>inermis</i>	20-30	20-35
Dotted Hawthorn	<i>Crataegus punctata</i>	20-30	20-40
Downy Hawthorn	<i>Crataegus mollis</i>	20-30	20-40
Green Hawthorn	<i>Crataegus viridis</i>	20-35	20-35
Scarlet Hawthorn	<i>Crataegus coccinea</i>	20-25	21-25
English Hawthorn (Whitethorn)	<i>Crataegus laevigata</i>	15-20	15-20
Single seeded Hawthorn	<i>Crataegus monogyna</i>	20-30	20-40
Washington Hawthorn	<i>Crataegus phaenopyrum</i>	25-30	20-25
Eastern Hemlock	<i>Tsuga canadensis</i>	40-70	25-35
Bitternut Hickory	<i>Carya cordiformis</i>	50-70	40-50
Mockernut Hickory	<i>Carya tomentosa</i>	50-60	20-30
Pignut Hickory	<i>Carya glabra</i>	50-60	25-35
Red Hickory	<i>Carya ovalis</i>	60-100	60-80
Shagbark Hickory	<i>Carya ovata</i>	60-80	30-50
Shellbark Hickory	<i>Carya laciniosa</i>	75-100	50-75
American Holly	<i>Ilex opaca</i>	40-50	18-40
Foster Holly	<i>Ilex x attenuata</i>	20-30	10-20
American Hornbeam	<i>Carpinus caroliniana</i>	20-30	20-30

Eastern Hop Hornbeam	<i>Ostrya virginiana</i>	25-40	20-30
American Linden	<i>Tilia americana</i>	50-80	30-50
Big leaved Linden	<i>Tilia platyphyllos</i>	60-80	50-60
Littleleaf Linden	<i>Tilia cordata</i>	60-70	30-40
Mongolian Linden	<i>Tilia mongolica</i>	20-30	15-25
Silver Linden	<i>Tilia tomentosa</i>	50-70	25-40
American Sentry Linden	<i>Tilia americana</i> MckSentry	40-45	25-30
Honey Locust	<i>Gleditsia triacanthos</i>	30-70	30-70
Thornless Honey Locust	<i>Gleditsia triacanthos</i> f. <i>inermis</i>	30-70	30-70
Amur maackia	<i>Maackia amurensis</i>	20-30	20-35
Loebner's Magnolia	<i>Magnolia loebneri</i>	20-30	20-40
Saucer Magnolia	<i>Magnolia soulangiana</i>	20-30	20-30
Star Magnolia	<i>Magnolia stellata</i>	15-20	10-15
Sweetbay Magnolia	<i>Magnolia virginiana</i>	10-20	10-20
Umbrella Magnolia	<i>Magnolia tripetala</i>	15-30	15-30
Coliseum Maple	<i>Acer cappadocicum</i>	25-30	20-25
Freeman's Maple	<i>Acer freemanii</i>	40-60	20-40
Full moon maple	<i>Acer japonicum</i>	20-30	20-40
Paper barked Maple	<i>Acer griseum</i>	20-30	10-30
Red Maple	<i>Acer rubrum</i>	40-60	35-45
Sugar Maple	<i>Acer saccharum</i>	60-75	40-50
Black Maple	<i>Acer saccharum</i> subsp. <i>Nigrum</i>	60-75	40-50
Three-Flowered Maple	<i>Acer triflorum</i>	20-30	20-30
Sycamore Maple	<i>Acer pseudoplatanus</i>	40-60	35-60
Trident Maple	<i>Acer buergerianum</i>	25-35	15-25
White Mulberry	<i>Morus alba</i>	30-50	30-50
Red Mulberry	<i>Morus rubra</i>	40-70	40-50
Willow Oak	<i>Quercus phellos</i>	40-70	25-50
Hill's Oak (Northern Pin Oak)	<i>Quercus ellipsoidalis</i>	40-75	40-75
Overcup Oak	<i>Quercus lyrata</i>	40-60	40-60
Shingle Oak	<i>Quercus imbricaria</i>	50-60	50-60
Shumard Oak	<i>Quercus shumardii</i>	40-60	40-60
Swamp Chestnut Oak	<i>Quercus michauxii</i>	60-100	40-60
Bur Oak	<i>Quercus Macrocarpa</i>	70-80	70-80
Chestnut Oak	<i>Quercus montana</i>	60-70	60-70
Scarlet Oak	<i>Quercus coccinea</i>	40-75	40-75
Texas Oak	<i>Quercus texana</i>	50-80	40-65
Ware's Oak	<i>Quercus warei</i>	30-45	20-25
White Oak	<i>Quercus alba</i>	50-80	100
Swamp White Oak	<i>Quercus bicolor</i>	50-60	50-60
Chinkapin Oak	<i>Quercus montana</i>	50-80	50-70
Pin Oak	<i>Quercus palustris</i>	60-70	40-50
English Oak	<i>Quercus robur</i>	75-100	75-100
Northern Red Oak	<i>Quercus rubra</i>	60-75	60-75
Black Oak	<i>Quercus velutina</i>	50-70	40-70
Pawpaw	<i>Asimina triloba</i>	15-20	15-20
Pecan	<i>Caya illinoensis</i>	70-100	40-75
Persimmon	<i>Diospyros virginiana</i>	35-60	20-35
Eastern White Pine	<i>Pinus strobus</i>	50-80	20-40
Jack Pine	<i>Pinus banksiana</i>	35-50	10-20

Lacebark Pine	<i>Pinus bungeana</i>	30-50	20-35
Limber Pine	<i>Pinus flexilis</i>	30-50	15-35
Loblolly Pine	<i>Pinus taeda</i>	60-80	40-50
Scotch Pine	<i>Pinus Sylvestris</i>	60-70	30-40
Wild Plum	<i>Prunus americana</i>	15-25	15-25
Hardy Rubber Tree	<i>Eucommia ulmoides</i>	40-60	30-50
Redbud	<i>Cercis canadensis</i>	20-30	25-35
Dawn Redwood	<i>Metasequoia glyptostroboides</i>	70-100	25
Allegheny serviceberry	<i>Amelanchier laevis</i>	15-25	15-25
Apple serviceberry	<i>Amelanchier x grandiflora</i>	20-25	20-25
Downey Serviceberry	<i>Amelanchier arborea</i>	15-25	variable
Inland Shadbush	<i>Amelanchier interior</i>	15-25	20-30
Silverbell	<i>Halesia carolina</i>	30-40	20-35
Black Hills Spruce	<i>Picea glauca var. densata</i>	20-40	10-15
Blue Spruce	<i>Picea pungens</i>	30-60	10-20
Colorado Spruce	<i>Picea pungens</i>	30-60	10-20
White Spruce	<i>Picea glauca</i>	40-60	10-20
Sugarberry	<i>Celtis laevigata</i>	40-60	40-60
Sweetgum	<i>Liquidambar styraciflua</i>	60-75	40-75
Sycamore	<i>Platanus occidentalis</i>	75-100	50-70
Tamarack	<i>Larix laricina</i>	40-80	30-50
Tulip Tree	<i>Liriodendron tulipifera</i>	70-90	35-50
Black Gum	<i>Nyssa sylvatica</i>	30-50	20-30
Black walnut	<i>Juglans nigra</i>	50-75	30-50
Black Willow	<i>Salix nigra</i>	30-60	30-60
Golden Weeping Willow	<i>Salix alba 'Tristis'</i>	75-100	50-100
White Willow	<i>Salix alba</i>	75-100	50-100
Yellowood	<i>Cladrastis kentukea</i>	30-50	40-55
Shortleaf Pine	<i>Pinus cechinata</i>	50-60	20-35
Sourwood	<i>Oxydendrum arboreum</i>	20-50	10-25











