



Approved Tree Species List



Shade Trees

English Oak

Height: 50'-60'

Shape: Broadly ovate to

Quercus robur

Spread: 50'-70'

Foliage: Dark green, brown in fall.

The species is native to Europe, western Asia, and northern Africa. A stalwart tree has long been cultivated. The trunk tends to be short with furrowed dark gray bark, and the crown is broad and open. Growth rate is slow to moderate, and it is moderately intolerant of shade.

Skymaster™ English Oak

Height: 50'

Shape: Pyramidal

Quercus robur pyramich

Spread: 25'

Foliage: Dark green rounded lobes

An excellent selection of English Oak, well suited for use as a street tree. Narrow when young, becoming pyramidal with age, Skymaster™ has a strong central leader and excellent lateral branching structure.

Red Oak

Height: 60'-75'

Shape: Pyramidal

Quercus rubra

Spread: 45'-50'

Foliage: Glossy dark green

A vigorous grower that withstands city conditions and dry compacted soils. Leaves are red in autumn.

Northern Red Oak

Height: 60'-80'

Shape: Broadly ovate, somewhat open, medium texture

Quercus rubra northern

Spread: 45'-65'

Foliage: 5" to 8", bright, or golden brown in fall

A stately, fast growing tree native to moist sites in the eastern half of the U.S., extending into Canada, but not the deep south. Dark gray bark, smooth at first, becomes furrowed with age. Moderately intolerant of shade. This sturdy tree can be used in lawns and parks, and as a street tree, where space is adequate. It tolerates urban conditions along streets with heavy traffic.

Pin Oak

Height: 36-60'

Shape: Oblong-cylindrical, or Pyramidal crown

Quercus palustris

Spread: 40'

Foliage: Dark green, turning bright red in autumn

Shade-intolerant; moderately fast growing. An attractive tree in landscaping.

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Hedge Maple

Height: 25-35'
Shape: Rounded

Acer campestre

Spread: 20-25'
Foliage: Dark green

Used extensively as a street tree where power lines prohibit use of taller trees. Excellent drought tolerance. The bright yellow fall foliage leads into exposure of corky stems for winter interest.

Crimson King Maple

Height: 35'-40'
Shape: Broadly oval, rounded

Acer Crimson King

Spread: 25'-35'
Foliage: Purplish red leaf throughout summer, turns darker or brown in fall

Similar to Schwedler Maple, but has a straighter growing form and more vigor. It has a strong, upright head with brilliant red foliage in spring, which matures to a dark green, turning golden-yellow in autumn. Alternate species **Royal Red Maple**

Autumn Blaze Maple

Height: 50'
Shape: Rounded, oval

Acer x freemanii 'Autumn Blaze'

Spread: 40'
Foliage: Green turning bright red in fall

This is an upright, fast-growing, deciduous tree that will typically grow 40-55' tall with ascending branching and a dense, broad-oval crown. Each medium green leaf is deeply cut with five pointed lobes. As the trade name suggests, the foliage turns into an autumn blaze of orange-red to scarlet-red fall color

Redpointe Maple

Height: 45'
Shape: Pyramidal

Acer rubrum 'Redpointe'

Spread: 30'
Foliage: Green turning bright red in fall

Brilliant red fall color plus upright, broadly pyramidal form make this tree a standout. A straight and dominant central leader results in strong branch angles that make it easier to grow.

Skyline Honeylocust

Height: 65'-75'
Shape: Broadly ovate,

Gledisia t.i. imple

Spread: 55'-65'
Foliage: Dark green

A very popular, vigorous growing cultivator. Tolerates a wide range of soil types. Golden-yellow fall foliage.

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Sunburst Honeylocust

Height: 35'-55'
Shape: Rounded

Gledisia t.i. suncole

Spread: 35'-45'
Foliage: Green, oblong, sharply serrated

Bright golden spring foliage matures to a rich green color.

Elm Hybrids

Height: 40'-60'
Shape: Rounded or vase shaped

Ulmus

Spread: 15'-45'
Foliage: Green

New Harmony

Grows up to 60 feet high with a 20 to 30 foot spread. Excellent resistance to Dutch elm disease; vase-shaped habit. This is a cultivar of the American elm.

Ulmus americana 'New Harmony'

New Horizon

Grows up to 55 feet high and 20 to 45 feet wide, with slightly arching branches that give it a finer textured appearance than most elms. Large dark green leaves have a rusty-red tint in fall. Excellent resistance to Dutch elm disease, elm leaf miner and verticillium wilt. Useful as street, parkway, or shade tree.

Ulmus 'New Horizon'

Patriot

Grows to at least 50 feet high and 30 to 40 feet wide with a vase shape. Excellent resistant to Dutch elm disease, excellent resistant to elm leaf beetles, some resistance to elm yellows. Complex hybrid. Fast-growing, vigorous and easily established. Tolerant of urban conditions. Glossy green foliage, yellow fall color. US National Arboretum introduction. Useful as street, parkway, or shade tree.

Ulmus 'Patriot'

Vanguard™

Has waxy, lustrous leaves and a vigorous upright shape. A fast grower that can reach 50 feet high and 45 feet wide, it prefers sun and adapts easily to extremes in soil pH, moisture and heat and wind tolerance. Good resistance to Dutch elm disease and elm leaf beetle. Useful as a street tree, parkway, or shade tree.

Ulmus 'Morton Plainsman'

London Planetree

Height: 70'
Shape: Pyramidal

Platanus x acerifolia

Spread: 20' – 30'
Foliage: Green, turning rust orange in fall

The London planetree is believed to have resulted from a cross between the Oriental planetree and the American sycamore. While the exact details of the tree's origin have been lost over time, it was discovered that this hybrid could tolerate the smoke and grime of London. As a result, it has been widely distributed to cities throughout the world for nearly 400 years. Red-brown scales flake to show cream-colored inner bark. Large distinctive leaves with lighter undersides.

Basswood

Height: 55-70'
Shape: Rounded

Tilia Americana

Spread: 30-60'
Foliage: Heart shaped; yellowish green

Important ornamental for street, park and lawn planting. Free of serious insect and disease pests.

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Greenspire Littleleaf Linden

Height: 50'-70'
Shape: Pyramidal

Tilia cordata "Greenspire"

Spread: 35'-50'
Foliage: Glossy, dark green

A rapid grower with a narrow, oval head and straight trunk. Excellent for street, or home planting.

Glenleven Littleleaf Linden

Height: 50'-70'
Shape: Pyramidal, conical

Tilia cordata "Glenleven"

Spread: 35'-50'
Foliage: Dark, shiny green.

A dense broad pyramidal form does well under city conditions. The foliage turns golden-yellow in autumn. A fine tree for street, or home use.

Hop-Hornbeam aka Ironwood

Height: 25-40'
Shape: Small, Rounded to Conical

Ostrya virginiana

Spread: 15-25
Foliage: Yellowish green, turning yellow in Autumn.

Small tree that is shade tolerant and very slow-growing. Handsome foliage and form for lawn or park plantings.

Blackgum

Height: 30-45'
Shape: Conic, or cylindrical

Nyssa sylvatica

Spread: 20-30'
Foliage: Very lustrous, dark green, turning red to purple in fall

Shade tolerant; slow-growing. Of considerable ornamental value, due to its wide site tolerance, very lustrous foliage, and bright red foliage in autumn.

Unique Shade Trees

Kentucky Espresso Coffetree

Height: 45'-70'
Shape: Narrow, pyramidal

Gymnocladus dioicus 'Espresso'

Spread: 20-30'
Foliage: Light green, yellowish green leaflets

Shade intolerant; relatively fast-growing. Planted as an ornamental tree in parks and cemeteries and as a street tree. Hardy in southern Michigan and free from insects and diseases.

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River Birch

Height: 50'-70'
Shape: Cluster, oval

Betula nigra

Spread: 35'-45'
Foliage: Glossy green leaves

As its name suggests, the river birch naturally grows along riverbanks. But as a landscape tree, it can be planted almost anywhere in the U.S. The species is valued for its relatively rapid growth, tolerance of wetness and some drought, unique curling bark, spreading limbs, and relative resistance to birch borer.

Katsura

Height: 45'- 60'
Shape: Pyramidal

Cercidiphyllum japonicum

Spread: 20' – 30'
Foliage: Green, turning yellow/orange in fall

The katsura tree, native to Japan, makes an excellent specimen or shade tree in Midwestern landscapes. Its foliage offers an array of color throughout the year. In spring, heart-shaped leaves emerge reddish-purple, changing to blue-green as they mature. In autumn the color display changes again as leaves turn clear yellow or apricot color. The leaves give off a “cotton candy” smell in the fall as the leaves began to change.

Dawn Redwood

Height: 70'
Shape: Pyramidal

Metasequoia glyptostroboides

Spread: 20' – 30'
Foliage: Green, turning rust orange in fall

An ancient tree that knew the dinosaurs but is well-suited to modern landscape plantings. Dawn redwood was one of those known only as a fossil until 1941, when it was discovered growing in a remote valley of the Szechwan province of China. Dawn Redwood is a deciduous conifer. The bright green, feathery leaves turn orange-brown or reddish-brown in the fall. Fast-growing and easily transplanted.

Ginkgo

Height: 60'
Shape: Pyramidal, narrow

Ginkgo Biloba

Spread: 30'
Foliage: Green turning bright yellow in fall

Hailed as “undoubtedly one of the most distinct and beautiful of all deciduous trees,” the ginkgo certainly stands out. Unique, fan-shaped leaves turn a stunning yellow color in the fall. It can tolerate many urban conditions including heat, air pollution, salt, and confined spaces. And it establishes easily. This tree also comes with a bit of history. It is a living fossil, with the earliest leaf fossils dating from 270 million years ago.

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Flowering Trees

Tuliptree

Height: 70'

Shape: Broadly oval, rounded

Liriodendron tulipifera

Spread: 40'

Foliage: bright green leaves, turn golden yellow in fall. greenish-yellow flowers with splash of orange.

A fast-growing tree with bright green leaves that resemble tulip flowers in profile and turn golden yellow in fall. Greenish-yellow flowers are carried high in the tree. Stems are aromatic. Likes full sun.

Ivory Silk

Height: 20' – 25'

Shape: Oval, rounded

Syringa reticulata 'Ivory Silk'

Spread: 15'

Foliage: Dark Green with white flowers in spring

'Ivory Silk' is a small tree or large shrub which typically grows 20-25' tall with a rounded crown. Creamy white, fragrant, single flowers are arranged in dense, terminal clusters. Blooms later than most other species of lilac (late May to early June).

Eastern Redbud

Height: 25'

Shape: Rounded, vase shaped

Cercis Canadensis

Spread: 30'

Foliage: Reddish-purple leaves change to green, then to yellow. Pink Flowers in spring

Noted for its stunning pea-like rose-purple flowers which bloom profusely on bare branches in early spring before the foliage emerges. Reddish-purple leaves change to dark green, then to yellow. Forms a spreading, graceful crown. George Washington reported in his diary on many occasions about the beauty of the tree and spent many hours in his garden transplanting seedlings obtained from the nearby forest.

Autumn Flowering Cherry

Height: 20'

Shape: Rounded

Prunus subhirtella 'Autumnalis'

Spread: 20'

Foliage: Green, turning yellow in fall

It is noted for producing a heavy bloom of semi-double pink flowers in spring with an additional but sparse bloom occurring in fall (hence the cultivar name). Leaves turn yellow in fall.

Aristocrat Pear

Height: 35'

Shape: Pyramidal

Pyrus calleryana 'Aristocrat'

Spread: 25'

Foliage: Green, turning reddish purple in fall

Produces white flowers in the spring. Tree has horizontal branching structure which reduces breakage typically found in this species.

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