

TREES

***Acer miyabei* 'Morton'**

Height: 20-25'
Spread: 15-20'
Shape: Pyramidal

State Street Miyabe Maple

Foliage: Medium green
Fall Foliage: Yellow
Zone: 4-9

Ascending branches and a very uniform, broad-pyramidal habit. Attractive medium green foliage good resistance to leaf tatter. Excellent adaptability and stress tolerance in regards to heat, drought, salt and pollution. * *ReTree suggested species*

Acer tataricum

Height: 20-25'
Spread: 18-20'
Shape: Oval, irregular

Tatarian Maple

Foliage: Dark green
Fall Foliage: Yellow to red
Zone: 3-6

This large shrub/small tree is similar in many respects to Amur Maple, *Acer ginnala*. However, it exhibits much better tolerance of alkalinity and dry conditions. The form is spreading and graceful, and fall color can be quite nice. Samaras are often red and quite showy.

Acer truncatum

Height: 25-30'
Spread: 20'
Shape: Rounded

Shantung Maple

Foliage: Glossy, dark green
Fall Foliage: Yellow to orange to red
Zone: 4-8

The Shantung Maple differs from other maples in that the canopy is denser and more delicate, which is reminiscent of a Japanese maple but with much greater toughness (tolerates full sun). The fall show of color starts with leaves that are gorgeous golden yellow flecked with red before they launch into orange and finally turn into a blazing red. This is a very adaptable species that is heat, drought and wind resistant. * *ReTree suggested species*

Aesculus glabra

Height: 20-40'
Spread: 20-40'
Shape: Rounded

Ohio Buckeye

Foliage: Bright green
Fall Foliage: Yellow orange-red to reddish brown
Zone: 3-7

The palmately compound leaves of this tree are unusual and attractive, especially in the autumn when the fall color is a range of yellows, oranges and reds. Greenish-yellow flowers are produced on large panicles in spring followed by large light brown fruit capsules. * *2007 GreatPlants Winner*

Aesculus pavia

Height: 10-20'
Spread: 10-20'
Shape: Rounded, irregular

Red Buckeye

Foliage: Shiny, dark green
Fall Foliage: Insignificant
Zone: 4-8

Showy, erect, 4-10" long panicles of red to orange-red, narrow-tubular flowers appear in spring. Grow in average, medium moisture, well-drained soil in full sun to part shade. Prefers moist, fertile soils. Foliage tends to scorch and generally depreciate in dry conditions.

***Amelanchier x grandiflora* 'Autumn Brilliance'**

Height: 20-25'
Spread: 15'

Autumn Brilliance Serviceberry

Foliage: Blue-green, small
Fall Foliage: Brilliant red-orange

Shape: Rounded

Zone: 3-8

An extremely popular tree with white blossoms in spring, followed by showy, sweet purplish-black fruit. Heavily branched, the tree has an interesting branch pattern, and attractive light gray bark. Brilliant fall leaves are quite persistent. Own root. Available as single-stem or multi-stem clumps.
* 1998 GreatPlants Winner

Asimina triloba

Height: 15-20'

Spread: 15-20'

Shape: Round, dense

Pawpaw

Foliage: Dark green

Fall Foliage: Yellow

Zone: 5

Pawpaw is a colony-forming understory small tree of rich bottomlands. Leaves are large (up to a foot long) and malodorous if crushed. The unmistakable purplish-brown flowers appear in May on leafless branches. The fruit resembles a short, fat banana and is the largest edible fruit native to the U.S. Prefers deep moist soils and partial shade.

Betula lenta

Height: 40-50'

Spread: 35-45'

Shape: Pyramidal in youth, rounded at maturity

Cherry Birch

Foliage: Dark green

Fall Foliage: Golden yellow

Zone: 3

The best birch for fall color! Deep, dark green foliage changing to fantastic golden yellow. The grayish to brownish black bark breaks into irregular scaly plates. Requires deep, moist, slightly acid, *well-drained soils*.

Carya laciniosa

Height: 80-100'

Spread: 60-75'

Shape: Narrow, rounded crown

Shellbark Hickory

Foliage: Shiny, dark green

Fall Foliage: Yellow

Zone: 5-9

The bark on medium to large trees are shaggy, much like that of the Shagbark Hickory (*Carya ovata*). Larger number of leaflets and thicker-shelled nuts than Shagbark. On young growth, the long leaf rachises tend to curl up and persist throughout the winter, creating a distinctive look. Nearly round, flattened nut with edible seed. Prefers deep, moist soils.

Carya ovata

Height: 60-80'

Spread: 40-60'

Shape: Narrow, oblong crown of spreading branches

Shagbark Hickory

Foliage: Deep Green

Fall Foliage: Rich yellow to golden brown

Zone: 4

Very beautiful tree for native settings! Usually a high-branching tree with a straight slender trunk, lower branches drooping, the upper ascending. Bark is gray to brown and breaks into thin plates which are free at the end and attached in the middle.

Catalpa speciosa

Height: 50-60'

Spread: 35-40'

Shape: Upright, oval

Northern Catalpa

Foliage: Green, large, heart-shaped

Fall Foliage: Yellow-green

Zone: 4-7

This fast growing tree has few branches at an early age. Once branched, ascending limbs are gnarled and twisted. In June, 2" long, tube-like white flowers appear in 4-8" panicles. Fruit is a long

persistent pod. Great for xeriscapes, it is very tolerant and adaptable. * *ReTree suggested species*

Cladrastis kentukea

Height: 30-40'
Spread: 30-40'
Shape: Broad-rounded

American Yellowwood

Foliage: Bright green
Fall Foliage: Yellow
Zone: 4-8

This large, American-native is spectacular in spring, with creamy white flower panicles that are 8-14" long and loaded with fragrant pea-like flowers. Following the flowers, 4" light brown seed pods form in autumn. As the tree matures, the bark turns gray similar to a beech. A beautiful specimen tree that grows especially well in high pH soils yet is also tolerant of acid soils.

Cornus alternifolia

Height: 15-20'
Spread: 20-25'
Shape: Rounded, horizontal branching

Pagoda Dogwood

Foliage: Medium to dark green
Fall Foliage: Red
Zone: 4-7

This graceful small tree has pale yellow flowers in May, followed by blue-black fruit, and the leaves turn a beautiful maroon red in the fall. Branches grow in irregular tiers, forming a somewhat horizontal layered look to the plant. Single-stem, tree form. * *2000 GreatPlants Winner*

Cornus mas 'Golden Glory'

Height: 20-25'
Spread: 15'
Shape: Mounded

Golden Glory Corneliancherry Dogwood

Foliage: Glossy, deep green
Fall Foliage: Insignificant
Zone: 5-8

A more upright and free flowering form of the species. Produces an abundance of small yellow flowers in early spring followed by bright, red cherry-like fruit in the summer.
* *2009 GreatPlants Winner*

Ginkgo biloba

Height: 50-80'
Spread: 60'
Shape: Upright broad conical

Maidenhair Tree

Foliage: Green
Fall Foliage: Yellow
Zone: 4-8

Very unique shade tree with fan-shaped leaves. Tolerant of a wide range of soils, heat and drought. Virtually free of disease and pest problems. * *2005 GreatPlants Winner*

Gymnocladus dioica

Height: 50-60'
Spread: 40-50'
Shape: Open, spreading

Kentucky Coffeetree

Foliage: Bluish-green
Fall Foliage: Yellow
Zone: 4-8

This picturesque tree has deeply furrowed bark and stout branches that are particularly handsome in winter. It prefers deep, moist soil and full sun, but it adaptable to many conditions such as alkaline soil, salt, and drought. The mahogany seed pods are long and leathery.
* *2002 GreatPlants Winner*

Koelreuteria paniculata

Height: 30'
Spread: 25-30'
Shape: Rounded

Golden Raintree

Foliage: Medium green
Fall Foliage: Yellow
Zone: 5-9

Native to China and Japan, this small tree grows well in a wide range of soils, and is tolerant of heat, drought, wind, alkalinity, and air pollution. The bright yellow flowers are borne in large 12-15" panicles in July, followed by greenish fruit pods throughout the summer.

Liriodendron tulipifera

Height: 70-90'
Spread: 35-50'
Shape: Pyramidal to oval

Tuliptree

Foliage: Bright green
Fall Foliage: Yellow
Zone: 5-9

A stately tree for large spaces. Flowers May through early June with attractive green-yellow blossoms that have a tangerine tint at the base of the petals. Attractive yellow fall color. Prefers moist, well-drained and slightly acidic soil.

Ostrya virginiana

Height: 30-50'
Spread: 25'
Shape: Oval to rounded

Ironwood / American Hophornbeam

Foliage: Bright green
Fall Foliage: Golden yellow
Zone: 3-9

This fast-growing, hardy, medium-sized tree has slender, spreading branches. Hop-like fruits add interest in late summer and the persistent brown leaves add winter interest. Superb understory tree, part to full shade. But single specimens have been seen doing wonderfully in full sun. Good for street or lawn, tolerant of dry locations. * 2008 GreatPlants Winner

Populus tremuloides

Height: 60-80'
Spread: 30'
Shape: Pyramidal in youth, becoming rounded

Quaking Aspen

Foliage: Small
Fall Foliage: Yellow
Zone: 2-7

The small leaves of this native tree tremble in the slightest breeze for a beautiful effect. It is indifferent to soil conditions, and can be found in moist, shallow, rocky, or clay soils. The bark is an attractive greenish white. The is an excellent tree for naturalizing.

***Populus tremuloides* 'Prairie Gold'**

Height: 35-40'
Spread: 20-30'
Shape: Pyramidal in youth, becoming rounded

Prairie Gold Quaking Aspen

Foliage: Small
Fall Foliage: Gorgeous yellow
Zone: 2-7

A truly native, disease resistant aspen! Found by Allen Wilke north of Columbus, NE. Fast growing. Tolerant of a wide range of soils. * 2008 GreatPlants Introduction

Quercus bicolor

Height: 50-60'
Spread: 40-50'
Shape: Narrow, rounded, open

Swamp White Oak

Foliage: Dark green with felty white beneath
Fall Foliage: Yellow-brown to red
Zone: 3-8

Excellent in both wet and upland soils. Acorns borne on 2-4" stalks. It shows good transplant success. Nice large shade or ornamental tree. * 1999 GreatPlants Winner

Quercus ellipsoidalis

Height: 60'
Spread: 45'

Hill's Oak / Northern Pin Oak

Foliage: Glossy green
Fall Foliage: Red

Shape: Conical in youth, maturing to broad oval

Zone: 3-6

This native tree is well adapted to sandy, acid soils, but will tolerate heavier soils and more alkaline conditions than Pin Oak. It is great for use as a specimen tree in lawn or boulevard plantings. The red fall color can be spectacular.

Quercus imbricaria

Height: 50-60'

Spread: 50-60'

Shape: Pyramidal in youth, maturing to broad-rounded

Shingle Oak

Foliage: Dark green

Fall Foliage: Yellow-brown to red

Zone: 4

Lustrous dark green leaves. Makes a nice specimen or shade tree where there is ample room for development. Often holds leaves late into winter. Drought resistant and adaptable to poor soils.

Quercus lyrata

Height: 35-45'

Spread: 35-40'

Shape: Pyramidal becoming rounded

Overcup Oak

Foliage: Dark green, white underside

Fall Foliage: Rich Brown

Zone: 5-9

Very uniform branching habit. The dark green leaves are somewhat leathery. The rough reddish or gray/brown bark is attractive. Excellent for wet and flooded sites, including poorly drained urban sites.

Quercus macrocarpa

Height: 60-80'

Spread: 60-80'

Shape: Rounded, open

Bur Oak

Foliage: Dark green above, grayish beneath

Fall Foliage: Yellow-brown to purple

Zone: 3-8

This Central and Eastern U.S. native has attractive corky bark especially interesting in winter. A great xeriscape plant, it tolerates a wide range of soil types and air pollutants.

* 2004 GreatPlants Winner & ReTree suggested species

Quercus muehlenbergii

Height: 40-50'

Spread: 50' +

Shape: Rounded, open

Chinkapin Oak

Foliage: Dark green

Fall Foliage: Yellow, orange, brown

Zone: 5-7

One of the more alkaline tolerant oaks, this handsome tree has large sharp-toothed leaves that are a dark yellow-green above with a white asat to the underside. Native to Eastern & Central Midwest U.S. * 2006 GreatPlants Winner & ReTree suggested species

Quercus prinoides

Height: 10-15'

Spread: 10-15'

Shape:

Dwarf Chinkapin Oak

Foliage: Dark green

Fall Foliage: Golden-orange

Zone: 4-8

One of the best native shrub oaks. Sulfur-yellow catkins in spring. Chocolate acorns late summer. This is a tough plant that tolerate drought and poor soils well. Can be grown as a large shrub or pruned into a small tree. Best grown in full sun. Lincoln, NE seed source * 2008 GreatPlants Release

Quercus rubra

Height: 60-80'

Spread: 50'

Red Oak

Foliage: Glossy, dark green

Fall Foliage: Red to red-brown

Shape: Pyramidal in youth, rounded at maturity

Zone: 4-8

The fastest growing Oak and one of the easiest to transplant, this tree is great for street use or as a landscape tree. The foliage is dense and lustrous and leaves hang on the tree into the winter.

Native to Central & Northeast U.S.

Quercus shumardii

Height: 60-80'

Spread: 40-60'

Shape: Pyramidal becoming rounded

Shumard Oak

Foliage: Dark green

Fall Foliage: Russet-red

Zone: 5-8

This Oak can be found natively along streams, near swamps and bodies of water in well-drained soils. The deeply cut lustrous dark green leaves develop a good russet-red to red fall color.

Quercus velutina

Height: 60-80'

Spread: 40-50'

Shape: Pyramidal becoming rounded

Black Oak

Foliage: Green, velvety underside

Fall Foliage: Red

Zone: 3-8

This native oak is very similar in appearance to Red Oak. One of the main differences include its ability to thrive on poor and varied soils. The thick, nearly black bark is marked with deep furrows and irregularly broken ridges. Good for dry wind swept areas.

***Quercus x macdanielii* 'Clemons'**

Height: 60-80'

Spread: 40-50'

Shape: Broadly pyramidal, becoming oval

Heritage Oak

Foliage: Dark green

Fall Foliage: Yellow-brown

Zone: 4-8

From Heritage Trees, Inc., this cross between *Q. robur* (English Oak) and *Q. macrocarpa* (Bur Oak) has glossy, dark green, tatter and mildew resistant foliage. A beautiful specimen for the front lawn, this is a truly vigorous cultivar.

Sophora japonica

Height: 50-75'

Spread: 50-75'

Shape: Dense in youth, spreading, rounded at maturity

Japanese pagodatree

Foliage: Medium to dark green

Fall Foliage: Yellow

Zone: 4-8

Creamy white, mildly fragrant flowers in late July through August produce interesting, bright green fruits, changing to yellow and finally yellow-brown. They persist well into the winter and resemble a string of beads. This is a very handsome specimen tree which does well under city conditions. Makes a good shade tree.

***Syringa pekinensis* 'SunDak'**

Height: 20-25'

Spread: 15-20'

Shape: Upright arching

Copper Curls Pekin Lilac

Foliage: Dark green

Fall Foliage: Insignificant

Zone: 4-9

A small tree selected for its showy coppery-orange, exfoliating bark and large, abundantly produced, creamy-white flower panicles. Attractive seed capsules add winter interest. Truly a tree for all seasons. * *ReTree suggested species*

Taxodium distichum

Height: 50-70'

Baldcypress

Foliage: Sage green

Spread: 30-40'
Shape: Pyramidal

Fall Foliage: Yellow-brown to brown
Zone: 5-9

This deciduous conifer is a distinct, handsome, large tree with fine textured foliage. Adaptable to wet or dry sites, it will not tolerate alkalinity. * *2001 GreatPlants Winner & ReTree suggested species*