

CLASS IV TREES

Shagbark Hickory

Carya ovata

Height: 100'-125'

Spread: 25'

Hardiness: -20

On mature trees the gray bark separates into interesting, wide plates that curve outward from the trunk giving it a shaggy appearance. The tree adapts well to dry or wet soil, but prefers well-drained sites. The fruit is edible and gathered in the fall. It is a long-lived tree. Fruit debris may create a walking hazard.

Tulip Tree

Liriodendron tulipifera

Height: 70 - 90'

Spread: 35 - 50'

Hardiness: -20

Tree develops quickly with a tall straight trunk, several large sinuous branches develop a narrow oval frame. The leaves actually appear tulip like medium green changing to yellow and golden in autumn.

Cucumbertree Magnolia

Magnolia acuminata

Height: 50 - 80'

Spread: 40 - 80'

Hardiness: -25

Pyramidal growth habit when young aging to a broad-rounded outline with massive spreading branches often arching towards the ground. Foliage is dark green, flowers are smaller than some magnolias, but in abundance. Makes a great tree for parks, golf courses and other open areas, where it can have room to spread.

Black Walnut

Juglans nigra

Height: 50 - 75' (100')

Spread: 50 - 75'

Hardiness: -20

Develops a rounded well formed crown that is devoid of branches a third to two thirds the way up the tree. It will become wide spreading. Leaves are finer than Bitternut and less furry. Bark is brown to grayish black and roughly diamond shaped. May inhibit the growth of other plants near the site. Tolerates dry conditions and can be used for streets where ground clearance is needed, but performs best when used for Parks and Boulevards, due to dropping fruit.

Dawn Redwood

Metasequoia glyptostroboides

Height: 60 - 100'

Spread: 25 - 40'

Hardiness: -20

Deciduous conifer, with a tall pyramidal or conical form. Large basal spread. Bright green foliage, renewed every year. Grows rapidly and tolerate wet sites if drainage is not restricted. In winter the skeletal frame of larger trees is starkly majestic. Definitely a tree for large areas so select sites appropriately.

Bloodgood London Planetree

Platanus x acerifolia

'Bloodgood'

Height: 50 - 80'

Spread: 40 - 60'

Hardiness: -15

Broadly pyramidal, rounding with thick spreading branches at maturity. Large basal spread. Large maple like leaves turn yellow in fall. Bark is peeling creating a brown/cream mottling with year round interest. Better resistance to anthracnose disease than other sycamores but still can be a problem if trees are over used.

White Oak

Quercus alba

Height: 60 - 80'

Spread: 50 - 70'

Hardiness: -30

Juvenile shape is pyramidal maturing with a broad, wide spreading and majestic crown. Leaves are bluntly lobed, dark green to blue-green. Autumn color varies from brown to red. A challenge to transplant and establish, but worth the effort. The tree is best when used in Parks and Boulevards, due to dropping fruit.

Bur Oak

Quercus macrocarpa

Height: 55 - 80'

Spread: 50 - 70'

Hardiness: -40

Weakly pyramidal or oval to start, developing into a large broad, rounded wide spreading tree with a massive trunk. Foliage is partially lobed, dark green above and grayish below, turning yellow-brown to purplish in fall. Corky bark on smaller branches adds interest. Adapts to a wide range of soil types, drought and pollution tolerant, makes an excellent tree for urban areas where acorn debris can be managed.

Accolade Elm

Ulmus japonica x wilsoniana

'Morton'

Height: 70'

Spread: 60'

Hardiness: -30

A graceful, vase shaped tree with arching branches. It is resistant to the elm leaf beetle and so is a great substitute for the American Elm. Foliage turns to yellow in the fall.

