

CANOPY SPECIES

Red maple (*Acer rubrum*) A native Pennsylvania tree, red maples are highly adaptable plants that tolerate wet or dry sites once established. In a landscape setting red maples are quick-growing, medium-sized trees that generally reach 40 to 60 feet tall. This plant is one of the best natives in our area for red fall color.

Cucumber magnolia (*Magnolia acuminata*) A native Pennsylvania tree, cucumber magnolia is a rapid growing tree that can reach 40 to 70 feet tall. Although it grows best in well-drained acid soils, it tolerates slightly alkaline soils too. The tree produces fragrant yellow-green flowers in late spring followed by cucumber-like fruit pods. The 10-inch-long leaves color a rich gold in the fall.

Bigleaf magnolia (*Magnolia macrophylla*) A naturalized southern species, bigleaf magnolia is a quick growing tree that can reach 30 to 40 feet tall. Although tolerant of acid and alkaline soils, it is not wet-tolerant. Fragrant white flowers are borne in late spring. This tree is remarkable for its huge leaves which can often reach 3 feet long, making it the largest single leaf of any North American tree.

White oak (*Quercus alba*) White oaks are tough native trees tolerant of clay soils and drier sites. Young plants are pyramidal in shape but become large, broad-spreading trees as they age. Relatively slow-growers, white oaks generally reach up to 80 feet in height.

Swamp white oak (*Quercus bicolor*) Swamp white oak is a wet-tolerant species often found growing on lowland or swampy areas in Pennsylvania. However, these trees are remarkably drought tolerant once established. A moderately quick grower, this tree will reach up to 60 feet tall.

American sycamore (*Platanus occidentalis*) Mature American sycamores are easily distinguished by their mottled bark of grey, brown and white patches. This long-lived tree can reach 75 to 100 feet tall. One of the largest sycamores in the state is located behind the manor house at Prophecy Creek park. This tree grows in most soils including wet.

Black Tupelo (*Nyssa sylvatica*) This slow-growing native tree is incredibly adaptable and can grow in a variety of locations from moist bottomlands to dry slopes. This tree typically grows to 50 feet tall and forms a rounded crown over time. Blackgum is one of the best native trees for fall color, when the leaves turn brilliant scarlet red.

Eastern white pine (*Pinus strobus*) A fast-growing native, this evergreen pine will grow 50 to 80 feet tall. Although strongly pyramidal as a young tree it will mature to form a more irregular crown over time. This tree makes a great screen as a young plant and an interesting architectural specimen as it ages. Eastern white pine grows in most soils except for wet.

FLOWERING SPECIES

Yellowwood (*Cladrastis kentukea*) Yellowwood is a small to medium sized tree native to the Southeastern US. This tree grows 30 to 40 feet tall and is remarkable for its chains of fragrant white

flowers produced in early summer. In fall the leaves of this tree turn a beautiful golden yellow. This tree grows best in moist, well-drained soils in full sun.

American hornbeam (*Carpinus caroliniana*) This Pennsylvania native is a small understory tree growing 20 to 30 feet tall. American hornbeam is tolerant of shade and prefers moist, rich organic soils. This slow-growing tree can also withstand full shade. As plants age, the branches begin to form sinewy fluting and give rise to another common name: "musclewood".

Eastern redbud (*Cercis canadensis*) This is a quick-growing, small native tree. Redbud trees are most showy in early spring when their trunks are covered with clusters of small pink flowers. Tolerant of a variety of conditions, this tree will grow to 20 feet in height. Fall color is often yellow to muted red.

Flowering dogwood (*Cornus florida*) The flowering dogwood is a Pennsylvania native and a stalwart indicator of mid-spring when it is covered with white flowers. Trees often grow 15 to 30 feet tall and prefer moist, well-drained soils, in either full sun or part-shade. Trees thrive best where their roots are kept cool, either through careful siting or with the use of a generous mulch layer.

Sweetbay magnolia (*Magnolia virginiana*) Sweetbay magnolia is a small tree native to Pennsylvania. Usually growing to 25 feet tall, this evergreen tree is tolerant of full shade. It is easy to grow in soils that are rich, acidic, and consistently moist. In late spring sweetbay magnolias produce fragrant white flowers often followed by cone-like fruits with showy red seeds.

Sourwood (*Oxydendrum arboreum*) This tree reaches its northernmost native range in Pennsylvania. This tree is a member of the rhododendron family and thrives in the same conditions: moist, well-drained, rich, acid soils. This tree grows 30 to 50 feet tall and produces chains of small white, fragrant flowers in early summer. In the fall, the leaves of this tree turn bright red.