

Black Gum

Nyssa sylvatica

A medium to large tree

Height: 50' – 60'

Width: 20' to 30'

Growth Rate: slow



Crown Shape: round

Fall Color: orange; red; showy

Flowers: white, inconspicuous and not showy;
spring flowering

Fruit: oval; round; blue

Culture:

- **Light requirement:** part shade/part sun/full sun
- **Soil tolerances:** clay; loam; sand; acidic; extended flooding; well-drained
- **Drought tolerance:** high, will grow in wet soils.
- **Aerosol salt tolerance:** moderate
- **Soil salt tolerance:** good

Mockernut Hickory

Carya tomentosa

A large, long-lived tree

Height: 70' – 90'

Width: 50' to 60'

Growth Rate: fast

Crown Shape: round

Fall Color: yellow

Flowers: 5 in. catkins in Spring. Not showy.

Fruit: edible nuts produced in September and October

Culture:

- **Light requirement:** full sun
- **Soil tolerances:** clay; loam; sand; slightly alkaline; acidic; well-drained
- **Drought tolerance:** high
- **Aerosol salt tolerance:** high
- **Soil salt tolerance:** good



Northern Red Oak

Quercus rubra

A large tree. The State Tree of NJ

Height: 60' – 70'

Width: 50' to 60'

Growth Rate: fast



Crown Shape: round

Fall Color: red; showy

Flowers: brown; inconspicuous and not showy

Fruit: acorns in Fall, oval; round; brown

Culture:

- **Light requirement:** full sun
- **Soil tolerances:** clay; loam; sand; slightly alkaline; acidic; well-drained
- **Drought tolerance:** high
- **Aerosol salt tolerance:** high
- **Soil salt tolerance:** good

Persimmon

Height: 30' – 60'

Width: 20' to 30'

Growth Rate: medium



Diospyros virginiana

A small to medium tree

Crown Shape: round

Fall Color: rusty yellow

Flowers: dioecious, creamy white in early June

Fruit: edible; orange in late Fall, sweet when ripe

Culture:

- **Light requirement:** part shade/part sun/full sun
- **Soil tolerances:** clay; loam; sand; acidic; occasionally wet; alkaline; well-drained

Pin Oak

Quercus palustris

A medium to large tree

Height: 50' – 75'

Width: 35' to 40'

Growth Rate: medium



Crown Shape: pyramidal

Fall Color: copper; red; showy,
leaves may persist into winter.

Flowers: brown; inconspicuous and not showy

Fruit: acorns, oval; round; brown

Culture:

- **Light requirement:** full sun
- **Soil tolerances:** clay; loam; sand; acidic;
extended flooding; well-drained
- **Drought tolerance:** moderate

Red Maple

Acer rubrum

A medium to large tree – the most common tree in NJ

Height: 60' – 75'

Width: 45' to 60'

Growth Rate: medium



Crown Shape: conical to round

Fall Color: red; showy

Flowers: inconspicuous and not showy

Fruit: winged samara

Culture:

- **Light requirement:** full sun
- **Drought tolerance:** moderate, will grow on wet sites.
- **Aerosol salt tolerance:** low
- **Soil salt tolerance:** low

Swamp White Oak

Quercus bicolor

A medium to large tree

Height: 50' – 70'

Width: 50' to 70'

Growth Rate: medium



Crown Shape: oval; round

Fall Color: copper; red; yellow; showy

Flowers: brown; inconspicuous and not showy;
spring flowering

Fruit: oval; round; brown

Culture:

- **Light requirement:** part shade/part sun/full sun
- **Soil tolerances:** clay; loam; sand; slightly alkaline; acidic; extended flooding; well-drained
- **Drought tolerance:** moderate
- **Aerosol salt tolerance:** moderate
- **Soil salt tolerance:** poor

Sweetgum

Height: 60' – 75'

Width: 35' to 50'

Growth Rate: medium



Liquidambar styraciflua

A medium to large tree

Crown Shape: oval; pyramidal

Fall Color: orange; purple; red; yellow; showy

Flowers: green; yellow; inconspicuous and not showy;
spring flowering

Fruit: round; brown

Culture:

- **Light requirement:** part shade/part sun/full sun
- **Soil tolerances:** clay; loam; sand; slightly alkaline; acidic; extended flooding; well-drained
- **Drought tolerance:** moderate
- **Aerosol salt tolerance:** moderate

Sycamore

Height: 75' – 90'

Width: 50' to 70'

Growth Rate: fast

Platanus occidentalis

A large tree



Crown Shape: round; spreading; pyramidal

Fall Color: yellow; not showy

Flowers: red; inconspicuous and not showy; spring flowering

Fruit: round; brown

Culture:

- **Light requirement:** full sun
- **Soil tolerances:** clay; loam; sand; acidic; alkaline; extended flooding; well-drained
- **Drought tolerance:** high
- **Aerosol salt tolerance:** moderate

White (Flowering) Dogwood

Cornus florida

A small to medium tree

Height: 20' – 30'

Width: 25' to 30'

Growth Rate: medium



Crown Shape: round

Fall Color: red; showy

Flowers: white; spring flowering; very showy

Fruit: oval; round; red

Culture:

- **Light requirement:** shade/part sun/shade/full sun
- **Soil tolerances:** clay; loam; sand; slightly alkaline; acidic; well-drained
- **Drought tolerance:** moderate
- **Aerosol salt tolerance:** low
- **Soil salt tolerance:** poor

White Pine

Pinus strobus

A medium to large tree

Height: 50' – 80'

Width: 25' to 35'

Growth Rate: fast



Crown Shape: oval; pyramidal

Fall Color: no fall color change; not showy

Flowers: pink; yellow; inconspicuous and not showy;
spring flowering

Fruit: elongated; brown

Culture:

- **Light requirement:** part shade/part sun/full sun
- **Soil tolerances:** loam; sand; acidic; well-drained
- **Drought tolerance:** moderate
- **Aerosol salt tolerance:** none
- **Soil salt tolerance:** poor