

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

Chestnut Oak

Quercus prinus

A medium to large tree

Height: 60' – 70'

Width: 25' to 30'

Growth Rate: medium

Crown Shape: pyramidal

Fall Color: copper, red

Flowers: inconspicuous and not showy, Spring

Fruit: acorns, late August to October

Culture:

- **Light requirement:** full sun, moderate shade tolerance
- **Soil tolerances:** clay; loam; sand; acidic; extended flooding; well-drained, will grow in poor soils.
- **Drought tolerance:** high
- ▣ A member of the white oak group



Kousa Dogwood

Cornus kousa

A small tree – often multi stem

Height: 20' – 30'

Width: 15' to 25'

Growth Rate: medium

Crown Shape: upright, vase-shaped

Fall Color: red to purple, showy

Flowers: white; late spring flowering; very showy

Fruit: edible, compound red berry up to 2 in.

Culture:

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



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

Sycamore

Platanus occidentalis

A large tree

Height: 75' – 90'

Width: 50' to 70'

Growth Rate: fast



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

Virginia Pine

Pinus virginiana

A small to medium tree

Height: 20' – 40'

Width: 20' to 35'

Growth Rate: medium



Crown Shape: round

Fall Color: no fall color change; not showy

Flowers: yellow; inconspicuous and not showy;
spring flowering

Fruit: oval; brown

Culture:

- **Light requirement:** tree grows in full sun
- **Soil tolerances:** clay; loam; sand; acidic;
well-drained
- **Drought tolerance:** high
- **Aerosol salt tolerance:** low

White Oak

Quercus alba

A large tree

Height: 60' – 100'

Width: 60' to 80'

Growth Rate: slow



Crown Shape: round; pyramidal

Fall Color: red; showy

Flowers: brown; inconspicuous and not showy

Fruit: oval; brown

Culture:

- **Light requirement:** part shade/part sun/full sun
- **Soil tolerances:** clay; loam; sand; acidic; occasionally wet; well-drained
- **Drought tolerance:** moderate
- **Aerosol salt tolerance:** high
- **Soil salt tolerance:** good

White Pine

Height: 50' – 80'
Width: 25' to 35'
Growth Rate: fast

Pinus strobus

A medium to large tree



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

Willow Oak

Height: 60' – 75'
Width: 40' to 60'
Growth Rate: fast



Quercus phellos

A medium to large tree

Crown Shape: round; pyramidal

Fall Color: yellow; showy

Flowers: brown; inconspicuous and not showy

Fruit: oval; round; brown

Culture:

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