

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

Improved Pitch Pine

Height: 40' – 60'

Width: 30' to 40'

Growth Rate: fast



Pinus rigida x taeda

A large tree – a cross between pitch pine and loblolly pine

Crown Shape: oval to conical

Fall Color: no fall color change

Flowers: non-flowering

Fruit: cones, 5 to 7 in.

Culture:

- **Light requirement:** full sun
- **Soil tolerances:** moderate
- Cold hardiness of pitch pine combined with better form of loblolly pine

Mockernut Hickory

Height: 70' – 90'

Width: 50' to 60'

Growth Rate: fast

Carya tomentosa

A large, long-lived tree

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

Shellbark Hickory

Carya laciniosa

A large tree

Height: 80' – 100'

Width: 40' to 60'

Growth Rate: slow to moderate



Crown Shape: rounded

Fall color: pale yellow

Culture:

- **Light requirement:** partial shade to full sun
- **Soil tolerances:** likes moist to wet soils
- **Soil salt tolerance:** moderate to low

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

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

Yellowwood

Cladrastis kentukea

A small tree

Height: 35' – 45'

Width: 25' to 35'

Growth Rate: moderate



Crown Shape: round

Fall Color: bright yellow

Flowers: white; showy small flowers

Fruit: legume

Culture:

- **Light requirement:** tree grows in partial to full sun
- **Drought tolerance:** Moderate
- **Aerosol salt tolerance:** Moderate