

Preferred Water Depth and Inundation Tolerance

This is a floodplain forest and flatwoods species (1st terrace). Seedlings cannot tolerate submergence, but mature trees can survive spring flooding.

Wildlife Value

Fruits are eaten by birds and small mammals. Serves as an exclusive food source of the hackberry and snout butterflies.

Application/Zone

Used in upper shoreline zones, for streambank stabilization, and upland slope buffers.

Availability, Establishment, and Maintenance

- Easily transplanted bareroot as small tree or balled and burlapped as a larger tree.
- Seeds should be stratified for 60-90 days at 41° F in a moist medium.
- Growth rate is medium, 22-30 inches per year.

Hackberry

Celtis occidentalis

Mature Height

Up to 80 feet

Plant Type

Deciduous tree

Indicator Status

Facultative (-)

pH

6.6-8.0

Nutrient Load Tolerance

Moderate

Salt Tolerance

Moderate

Siltation Tolerance

Low to moderate

Flowering Color and Time

Greenish yellow

April to May

Light Preference

Shade tolerant

Seeding Rate

Not applicable

