

Quercus palustris

Pin Oak

Preferred Water Depth and Inundation Tolerance

Prefers moist to saturated soils, but will tolerate up to 3 inches of standing water for short periods.

Wildlife Value

Acorns of this species are eaten by wildlife. Also used as cover and nesting sites.

Application/Zone

Used for upland slope buffer stabilization.

Availability, Establishment, and Maintenance

- Readily transplantable due to shallow fibrous root system.
- Seed must be stratified at 32-41° F for 30 to 45 days. Must be kept moist or seeds will die.
- **CAUTION:** Only use in eastern sector in sandier, more acidic soils. Does not do well in calcareous till soils with higher clay content and high pH.

Pin Oak

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Mature Height

Up to 75 feet

Plant Type

Deciduous tree

Indicator Status

Facultative Wet

pH

Slightly acidic

Nutrient Load Tolerance

Low

Salt Tolerance

Low to moderate

Siltation Tolerance

Low

Flowering Color and Time

Pink

July to September

Light Preference

Full sun

Not shade tolerant

Seeding Rate

Not applicable

