



## Species: *Quercus palustris*

(kwer'kus pah-lus'tris)

Pin Oak; Swamp Oak

### Cultivar Information

\* See specific cultivar notes on next page.

### Ornamental Characteristics

Size: Tree > 30 feet

Height: 50' - 70'

Leaves: Deciduous

Shape: pyramidal, oval with age;

Ornamental Other: Strong central leader. Upper branches grow upward, middle branches grow outward, lower branches grow downward.

### Environmental Characteristics

Light: Full sun

Hardy To Zone: 5a

Soil Ph: Requires acid (pH 5.0 to 7.0)

Environmental Other: iron chlorosis on high pH soils

### Insect Disease

overplanting has encouraged insect problems; resistant to anthracnose; preferred by orange-striped oakworm

### Bare Root Transplanting

Moderately difficult

## Other

Native to U.S. (Massachusetts to Wisconsin, south to Delaware and Arkansas); transplant in spring; pendulous lower branches may need to be removed for pedestrian or vehicular traffic; one of the easiest oaks to transplant

Cultivars for *Quercus palustris*

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Cultivar Name	Notes
Crownright	'Crownright' (a.k.a. 'Crown Right') - upright habit; branches point upward, avoiding the need to prune up lower branches, as is the case with other selections of this species
Green Pillar	'Green Pillar' (a.k.a. 'Emerald Pillar') - fastigate form; glossy leaves turn red in fall
Sovereign	'Sovereign' - superior branching, form, vigor, and foliage quality. It also lacks pendulous lower branches; unfortunately it often develops grafting issues
Green Dwarf	'Green Dwarf' - dense, bushy habit; glossy green leaves which turn rich-red and orange in autumn; very slow growing; grows to 8' high and wide
Isabel	'Isabel' - cone shaped, dense, bushy habit; red and orange autumn colors; larger than other dwarf forms; grows to 13' tall x 10' wide
Flaming Suzy	'Flaming Suzy' - fast growing; scarlet autumn foliage; grows to 65' tall x 50' wide
Swamp Pygmy	'Swamp Pygmy' - dwarf form, similar to 'Green Dwarf'

## Photos



Chlorotic



*Quercus palustris* - Habit, Fall Interest



*Quercus palustris* - Leaves, Fall Interest



*Quercus palustris* - Leaves



*Quercus palustris* - Habit



*Quercus palustris* - Habit





*Quercus palustris* - Habit



*Quercus palustris* - Habit



*Quercus palustris* - Bark