

Swamp White Oak

Quercus bicolor



Mature



Native Range

General Attributes

Type	Deciduous Tree
Height	35 - 70 Feet
Spread	25 - 50 Feet
Form	Rounded
Utility Lines	Incompatible
Growth Rate	Medium
Life Expectancy	Medium
USDA Zone	4 - 8
Root Pattern	Deep Lateral

Flowers/Foliage/Fruits

Flower Color	Yellow
Flower Season	Spring
Fruit	Nut
Fruit Color	Light Brown
Fruit Season	Fall
Summer Texture	Medium
Winter Texture	Medium
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Yellow
Winter Foliage	Not Applicable

Plant Community

Sun	Full Sun, Partial Sun
Orientation	North, South, East, West
Soil Texture	Loam to Clay
Topography	Upland, Lowland (Flood Prone), Lowland (Stable Water)
Plant Community	Forest, Wooded Swamp
Succession	Pioneer, Intermediate
Origin	MSA Zone 1, MSA Zone 2, MSA Zone 4, MSA Zone 6, Minnesota, North America

Soils

Salt Spray Tolerance	Moderate
Soil Salt Tolerance	
Compaction Tolerance	Tolerant
Water Table	24 Inches
Drainage	Poor, Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Dry, Moist, Wet
pH	6.0 through 7.5
Windbreak Group	

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Planting Ease

Spring Bareroot	Easy
Fall Bareroot	
Spring Container	Easy
Fall Container	Easy
Spring Seed	
Fall Seed	

Maintenance

Formal	Moderate
Informal	Low
2,4-D Tolerance	Sensitive
Dicamba Tolerance	Sensitive
Picloram Tolerance	Sensitive
Clpyralid Tolerance	
Artificial Light	
Sulfur Dioxide	
Ozone Tolerance	
Hydrogen Flouride	
Nitrogen Oxide	Tolerant

Pests/Problems

Allergens	males 8, females 8
Invasiveness	Non-Invasive
Toxicity	
Cold Injury	Moderately Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	High
Insect Concerns	Minor
Disease Concern	Minor
Wildlife Concerns	

Comments

Good transplant success because of less developed taproot. Good boulevard or shade tree. Requires acid soil or iron chlorosis is observed. Bare root plants require sweating; not recommended for fall planting.



Bark



Leaf



Fall



Immature



Flower