

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

Clopyralid 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



Fall

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Flower



Immature



Leaf