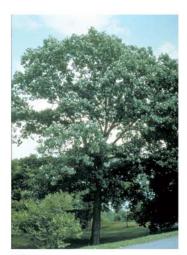
Swamp White Oak

Quercus bicolor



Mature

General Attributes

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

Yellow

Flowers/Foliage/Fruits

Flower Color

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



Native Range

Plant Community

Sun Full Sun, Partial Sun Orientation North, South, East, West Loam to Clay Soil Texture **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

Swamp White Oak *Quercus bicolor*

Planting Ease		Maintenance	
Spring Bareroot	Easy	Formal	Moderate
Fall Bareroot		Informal	Low
Spring Container	Easy	2,4-D Tolerance	Sensitive
Fall Container	Easy	Dicamba Tolerance	Sensitive
		Picloram Tolerance	Sensitive
Spring Seed		Clopyralid Tolerance	
Fall Seed		Artificial Light	
		Sulfur Dioxide	
		Ozone Tolerance	
		Hydrogen Flouride	
		Nitrogen Oxide	Tolerant
Pests/Problems		Miscellaneous	
Allergens	males 8, females 8	Wildlife Rating	High
Invasiveness	Non-Invasive	Insect Concerns	Minor
Toxicity		Disease Concern	Minor
Cold Injury	Moderately Susceptible	Wildlife Concerns	
Storm Damage	Not Susceptible		

Comments

Biological Control Mechanical Control Chemical Control

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.



Flower