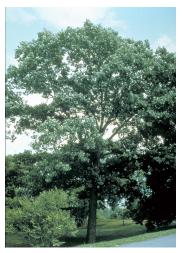
Swamp White Oak

Quercus bicolor





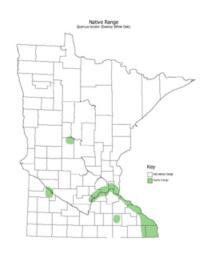
Mature

General	Attributes
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Type Deciduous Tree 35 - 70 Feet Height **Spread** 25 - 50 Feet **Form** Rounded **Utility Lines** Incompatible **Growth Rate** Medium Medium Life Expectancy **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



Native Range

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 pН 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 Fall Container Spring Seed Fall Seed	Easy Easy	2,4-D Tolerance	Sensitive
		Dicamba Tolerance	Sensitive
	Lusy	Picloram Tolerance	Sensitive
		Clopyralid Tolerance	
		Artificial Light	
		Sulfur Dioxide	
		Ozone Tolerance	
		Hydrogen Flouride	
		Nitrogen Oxide	Tolerant

Pests/	Problems
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Mechanical Control Chemical Control

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		
Biological Control			

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

Swamp White Oak





Flower



Immature



Leaf