

Swamp White Oak

Quercus bicolor

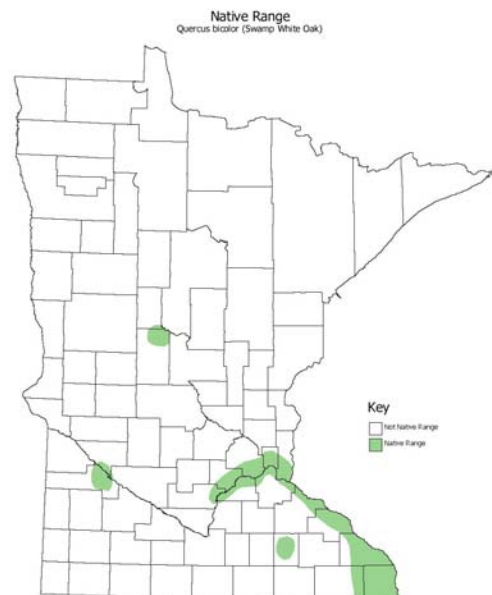


Type	Deciduous Tree
Height	35 - 70 Feet
Spread	25 - 50 Feet
Form	Rounded
Utilities	Incompatible
Growth Rate	Moderate
Life Expectancy	Medium
USDA Zone	4 - 8
Root Type	Fibrous Shallow



Plant Community

Sun	Full Sun through Partial Sun
Orientation	All Orientations
Soil Texture	Loam through Clay
Soil Water Holding Capacity	Mesic or Hydric
Topography	Upland, Lowland - stable water or Lowland - flood prone
Plant Community	Forest or Wooded Swamp
Succession	Pioneer or Intermediate



Origin MSA Zone 1, MSA Zone 2, MSA Zone 4, MSA Zone 6, Minnesota or North America

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Flowers/Foliage/Fruit

Flower Color Yellow

Flower Season Spring

Fruit Nut

Fruit Color Brown

Fruit Season Autumn

Summer Texture Medium

Winter Texture Medium

Spring Foliage Green

Summer Foliage Green

Fall Foliage Yellow

Winter Foliage Not Applicable



Soils

Salt Spray Moderate

Soil Salt

Compaction Tolerant

Water Table 24 Inches

Drainage Moderate or Poor

Flood Tolerance Tolerant

Drought Tolerance Tolerant

Moisture Regime Dry, Moist or Wet

pH 6 through 7.5

Planting Ease

Spring Bareroot Easy

Fall Bareroot

Spring Container Easy

Fall Container Easy

Spring Seed

Fall Seed



Windbreak Group

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Maintenance

Formal	Moderate
Informal	Low
2, 4-D Tolerance	Sensitive
DicambaTolerance	Sensitive
PicloramTolerance	Sensitive
Clopyralid Tolerance	
Artificial Light	
Sulfur Dioxide	
Ozone Tolerance	
Hydrogen Flouride	
Nitrogen Oxide	Tolerant

Pests/Problems

Allergens both sexes 8

Invasivness

Toxicity

Cold Injury Moderate

Storm Damage Infrequent

Biological Control

Mechanical Control

Chemical Control

Miscellaneous

Wildlife Rating High

Insect Concerns Minor

Disease Concerns 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.