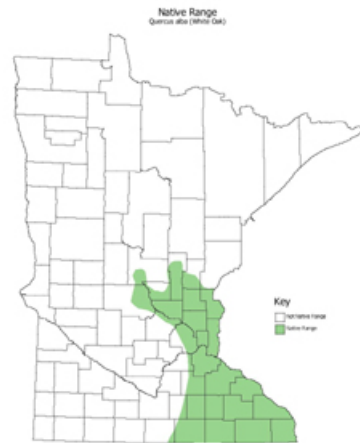


White Oak

Quercus alba



Mature



Native Range

General Attributes

Type	Deciduous Tree
Height	75 - 100 Feet
Spread	75 - 100 Feet
Form	Rounded
Utility Lines	Incompatible
Growth Rate	Slow
Life Expectancy	Long
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	Coarse
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Brown, Purple
Winter Foliage	Not Applicable

Plant Community

Sun	Full Sun, Partial Sun
Orientation	South, West
Soil Texture	Sand to Clay
Topography	Upland
Plant Community	Forest, Open Cliff
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	Tolerant
Compaction Tolerance	Intolerant
Water Table	24 Inches
Drainage	Excessive, Moderate
Flood Tolerance	
Drought Tolerance	
Moisture Regime	Moist, Wet
pH	6.0 through 7.0
Windbreak Group	

White Oak

Quercus alba



Planting Ease

Spring Bareroot

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

Moderate

Sulfur Dioxide

Moderate

Ozone Tolerance

Sensitive

Hydrogen Flouride

Moderate

Nitrogen Oxide

Tolerant

Pests/Problems

Allergens

males 8, females 8

Invasiveness

Non-Invasive

Toxicity

Cold Injury

Not Susceptible

Storm Damage

Not Susceptible

Biological Control

Mechanical Control

Chemical Control

Miscellaneous

Wildlife Rating

High

Insect Concerns

Minor

Disease Concern

Minor

Wildlife Concerns

Comments

Handsome oak that should be planted more often. Plant only northern strains. Bare root plants require sweating; not recommended for fall planting. Wood valued for furniture, wine casks, and boats. May hold some leaves over winter.



Bark



Dormant

White Oak

Quercus alba



Fall



Flower



Leaf