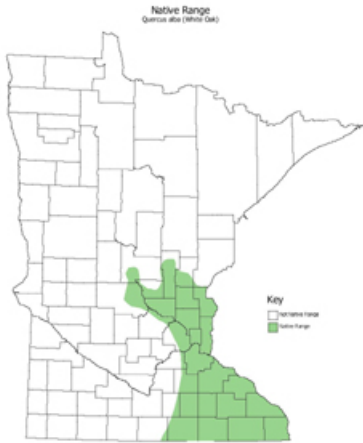


White Oak  
*Quercus alba*



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

Clpyralid 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