

Bur Oak  
*Quercus macrocarpa*



Mature



Native Range

**General Attributes**

Type	Deciduous Tree
Height	60 - 100 Feet
Spread	75 - 100 Feet
Form	Rounded
Utility Lines	Incompatible
Growth Rate	Slow
Life Expectancy	Long
USDA Zone	2 - 8
Root Pattern	Deep Lateral

**Flowers/Foliage/Fruits**

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

**Plant Community**

Sun	Full Sun
Orientation	North, South, East, West
Soil Texture	Sand to Clay
Topography	Upland
Plant Community	Forest, Open Cliff, Savannah, Old Field
Succession	Pioneer
Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, MSA Zone 5, MSA Zone 6, Minnesota, North America

**Soils**

Salt Spray Tolerance	Moderate
Soil Salt Tolerance	Tolerant
Compaction Tolerance	Moderate
Water Table	24 Inches
Drainage	Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Dry, Moist, Wet
pH	4.6 through 8.0
Windbreak Group	

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## Planting Ease

Spring Bareroot

Fall Bareroot

Spring Container

Easy

Fall Container

Easy

Spring Seed

Fall Seed

## Maintenance

Formal

Low

Informal

Low

2,4-D Tolerance

Sensitive

Dicamba Tolerance

Sensitive

Picloram Tolerance

Sensitive

Clpyralid Tolerance

Artificial Light

Sulfur Dioxide

Sensitive

Ozone Tolerance

Tolerant

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

Sturdy native tree that's good for parks or large areas. More tolerant of city conditions than most oaks. Fall color less brilliant than Red and White Oak. Corky branches. Bare root plants require sweating; not recommended for fall planting.



Bark



Dormant

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Fall



Fruit



Leaf