

Bur Oak

Quercus macrocarpa



Type	Deciduous Tree
Height	60 - 100 Feet
Spread	75 - 100 Feet
Form	Rounded
Utilities	Incompatible
Growth Rate	Slow
Life Expectancy	Long
USDA Zone	2 - 8
Root Type	Tap



Plant Community

Sun	Full Sun
Orientation	All Orientations
Soil Texture	Sand through Clay

Soil Water Holding Capacity	Xeric or Mesic
Topography	Upland

Plant Community	Forest, Savanna, Open Cliff or Old Field
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Succession	Pioneer
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Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, MSA Zone 5, MSA Zone 6, Minnesota or North America
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Flowers/Foliage/Fruit

Flower Color Yellow

Flower Season Spring

Fruit Nut

Fruit Color Tan

Fruit Season Autumn

Summer Texture Coarse

Winter Texture Coarse

Spring Foliage Green

Summer Foliage Green

Fall Foliage Brown

Winter Foliage Not Applicable



Soils

Salt Spray Moderate

Soil Salt Tolerant

Compaction Moderate

Water Table 24 Inches

Drainage Moderate

Flood Tolerance Moderate

Drought Tolerance Tolerant

Moisture Regime Dry, Moist or Wet

pH 4.6 through 8

Planting Ease

Spring Bareroot

Fall Bareroot

Spring Container Easy

Fall Container Easy

Spring Seed

Fall Seed

Windbreak Group WSG1K, WSG3, WSG4L, WSG4F, WSG4C, WSG5, WSG6R, WSG6G or WSG8

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Maintenance

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



Pests/Problems

Allergens both sexes 8

Invasivness

Toxicity

Cold Injury Infrequent

Storm Damage Infrequent

Biological Control

Mechanical Control

Chemical Control

Miscellaneous

Wildlife Rating High

Insect Concerns Minor

Disease Concerns 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.