

Heritage Oak

Quercus x macdanielii (Clemons)



General Attributes

Type	Deciduous Tree
Height	60 - 80 Feet
Spread	40 - 50 Feet
Form	Conical
Utility Lines	Incompatible
Growth Rate	Medium
Life Expectancy	Long
USDA Zone	4 - 8
Root Pattern	Deep Lateral

Flowers/Foliage/Fruits

Flower Color	
Flower Season	
Fruit	Nut
Fruit Color	Light Brown
Fruit Season	Summer, Fall
Summer Texture	Coarse
Winter Texture	Coarse
Spring Foliage	Green
Summer Foliage	Dark Green, Green
Fall Foliage	Brown
Winter Foliage	Brown

Planting Ease

Spring Bareroot	Moderate
Fall Bareroot	Difficult
Spring Container	Easy
Fall Container	Easy
Spring Seed	
Fall Seed	

Plant Community

Sun	Full Sun, Partial Sun
Orientation	North, South, East, West
Soil Texture	Loamy Sand to Silty Loam
Topography	Upland, Lowland (Stable Water)
Plant Community	Forest, Savannah, Forest Edge, Old Field
Succession	Climax
Origin	North America

Soils

Salt Spray Tolerance	Sensitive
Soil Salt Tolerance	Sensitive
Compaction Tolerance	Tolerant
Water Table	24 Inches
Drainage	Poor, Excessive, Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Dry, Moist
pH	5.5 through 8.0
Windbreak Group	

Maintenance

Formal	Low
Informal	Low
2,4-D Tolerance	Sensitive
Dicamba Tolerance	Sensitive
Picloram Tolerance	Sensitive
Clpyralid Tolerance	
Artificial Light	
Sulfur Dioxide	
Ozone Tolerance	
Hydrogen Flouride	
Nitrogen Oxide	

Pests/Problems

Allergens	males 8, females 8
Invasiveness	Non-Invasive
Toxicity	Has toxic Fruit
Cold Injury	Not Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	High
Insect Concerns	Minor
Disease Concern	Major
Wildlife Concerns	

Comments

Glossy green leaves resistant to tatters.



Quercus x macdanielii 'Clemons' PP11431

Heritage® Oak



Height: 50' | **Spread:** 40'

Zone: 4

Shape: Broadly pyramidal to oval

Foliage: Dark green, glossy

Fall Color: Yellow

Handsome dark green foliage, a broadly pyramidal form, and mildew resistance combine to make this an excellent street tree and a beautiful shade tree. Its bur oak heritage gives it better cold tolerance than its English Oak parent.

