

Black Walnut

Juglans nigra



Mature



Native Range

General Attributes

Type	Deciduous Tree
Height	70 - 100 Feet
Spread	75 - 100 Feet
Form	Irregular
Utility Lines	Incompatible
Growth Rate	Fast
Life Expectancy	Long
USDA Zone	4 - 8
Root Pattern	Deep Lateral

Flowers/Foliage/Fruits

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

Plant Community

Sun	Full Sun
Orientation	North, East
Soil Texture	Sandy Loam to Clay Loam
Topography	Upland, Lowland (Flood Prone), Lowland (Stable Water)
Plant Community	Forest, Savannah
Succession	Climax
Origin	MSA Zone 1, MSA Zone 6, Minnesota, North America

Soils

Salt Spray Tolerance	Sensitive
Soil Salt Tolerance	Sensitive
Compaction Tolerance	Moderate
Water Table	30 Inches
Drainage	Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Moist, Wet
pH	6.6 through 8.0
Windbreak Group	

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Planting Ease

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

Maintenance

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

Pests/Problems

Allergens	males 9, females 9
Invasiveness	Non-Invasive
Toxicity	
Cold Injury	Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	High
Insect Concerns	Minor
Disease Concern	Minor
Wildlife Concerns	

Comments

Due to taproot, start with small trees or nuts. Highly valued wood. Tolerates dry soils but grows slower than when in moist, rich soil. Roots produce material toxic to many plants.



Bark



Dormant

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Flower



Fruit