

Sugar Maple

Acer saccharum



Mature



Native Range

General Attributes

Type	Deciduous Tree
Height	50 - 75 Feet
Spread	50 - 50 Feet
Form	Upright
Utility Lines	Incompatible
Growth Rate	Slow
Life Expectancy	Long
USDA Zone	3 - 5
Root Pattern	Shallow Lateral

Plant Community

Sun	Full Sun, Partial Sun, Shade
Orientation	North, East
Soil Texture	Sandy Loam to Silty Loam
Topography	Upland
Plant Community	Forest
Succession	Climax
Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, MSA Zone 5, MSA Zone 6, Minnesota, North America

Flowers/Foliage/Fruits

Flower Color	Yellow, Green
Flower Season	Spring
Fruit	Samara
Fruit Color	Tan
Fruit Season	Fall
Summer Texture	Medium
Winter Texture	Medium
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Orange
Winter Foliage	Not Applicable

Soils

Salt Spray Tolerance	Sensitive
Soil Salt Tolerance	Sensitive
Compaction Tolerance	Intolerant
Water Table	12 Inches
Drainage	Moderate
Flood Tolerance	
Drought Tolerance	Sensitive
Moisture Regime	Moist, Wet
pH	6.0 through 7.3
Windbreak Group	

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Planting Ease

Spring Bareroot	Moderate
Fall Bareroot	Difficult
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
Clopyralid Tolerance	
Artificial Light	Moderate
Sulfur Dioxide	Tolerant
Ozone Tolerance	Tolerant
Hydrogen Flouride	
Nitrogen Oxide	

Pests/Problems

Allergens	males 7, females 7
Invasiveness	Non-Invasive
Toxicity	
Cold Injury	Moderately Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	High
Insect Concerns	Minor
Disease Concern	Minor
Wildlife Concerns	

Comments

This tree only thrives on fertile moist and well drained soils. Source for maple syrup.



Bark



Dormant

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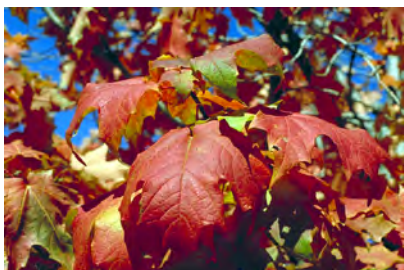
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Fall



Flower



Leaf