

Sugar Maple

Acer saccharum



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



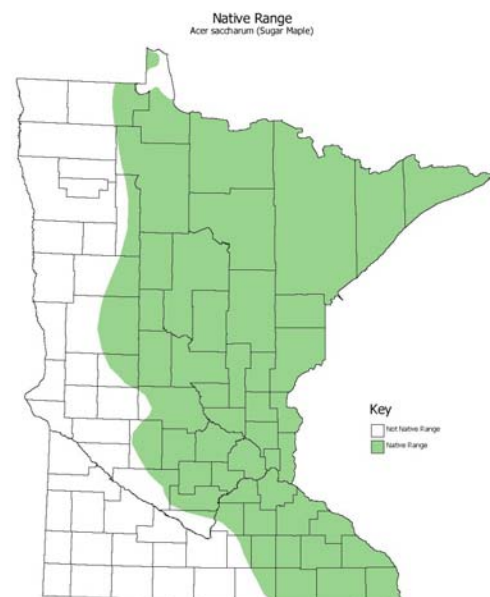
Plant Community

Sun	Full Sun through Shade
Orientation	North or East
Soil Texture	Sandy Loam through Silty Loam

Soil Water Holding Capacity	Mesic
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 or North America

Sugar Maple

Acer saccharum



Flowers/Foliage/Fruit

Flower Color Yellow or Green

Flower Season Spring

Fruit Samara

Fruit Color Tan

Fruit Season Autumn

Summer Texture Medium

Winter Texture Medium

Spring Foliage Green

Summer Foliage Green

Fall Foliage Orange

Winter Foliage Not Applicable



Soils

Salt Spray Sensitive

Soil Salt Sensitive

Compaction Intolerant

Water Table 12 Inches

Drainage Moderate

Flood Tolerance Intolerant

Drought Tolerance Sensitive

Moisture Regime Moist or Wet

pH 6 through 7.3

Planting Ease

Spring Bareroot Moderate

Fall Bareroot Difficult

Spring Container Easy

Fall Container Easy

Spring Seed

Fall Seed

Windbreak Group WSG3, WSG4L, WSG4F, WSG4C or WSG5

Sugar Maple

Acer saccharum



Maintenance

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



Pests/Problems

Allergens both sexes 7

Invasivness

Toxicity

Cold Injury Moderate

Storm Damage Infrequent

Biological Control

Mechanical Control

Chemical Control

Miscellaneous

Wildlife Rating High

Insect Concerns Minor

Disease Concerns Minor

Wildlife Concerns Deer, rabbits and mice

Comments

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