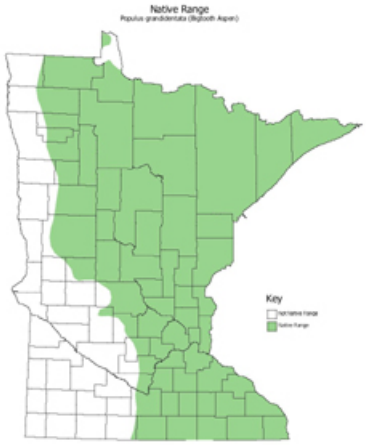
Big Tooth Aspen

Populus grandidentata



Native Range

Leaf

General Attributes

Type	Deciduous Tree
Height	50 - 75 Feet
Spread	20 - 30 Feet
Form	Columnar
Utility Lines	Incompatible
Growth Rate	Fast
Life Expectancy	Medium
USDA Zone	3 - 6
Root Pattern	Shallow Lateral

Plant Community

Sun	Full Sun
Orientation	North, East
Soil Texture	Sand to Loam
Topography	Upland
Plant Community	Forest, Savannah, Forest Edge
Succession	Climax
Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, Minnesota, North America

Flowers/Foliage/Fruits

Flower Color	Gray
Flower Season	Spring
Fruit	Capsule
Fruit Color	White
Fruit Season	Spring
Summer Texture	Medium
Winter Texture	Coarse
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Yellow
Winter Foliage	Not Applicable

Soils

Salt Spray Tolerance	Moderate
Soil Salt Tolerance	
Compaction Tolerance	Tolerant
Water Table	24 Inches
Drainage	Excessive, Moderate
Flood Tolerance	
Drought Tolerance	
Moisture Regime	Dry, Moist, Wet
pH	4.8 through 6.3
Windbreak Group	

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Planting Ease

Spring Bareroot	Easy
Fall Bareroot	
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	
Sulfur Dioxide	Sensitive
Ozone Tolerance	
Hydrogen Flouride	
Nitrogen Oxide	

Pests/Problems

Allergens	males 9, females 1
Invasiveness	Invasive
Toxicity	
Cold Injury	Not Susceptible
Storm Damage	Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	High
Insect Concerns	Major
Disease Concern	Major
Wildlife Concerns	

Comments

Wood is used in pulp & excelsior. Plant named because of toothed leaves. Seldom found in developed areas.

Bark

Fall

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Immature