

Balsam Fir

Abies balsamea



Mature



Leaf

General Attributes

Type	Evergreen Tree
Height	50 - 75 Feet
Spread	20 - 30 Feet
Form	Conical
Utility Lines	Incompatible
Growth Rate	Slow
Life Expectancy	Medium
USDA Zone	2 - 5
Root Pattern	Shallow Lateral

Flowers/Foliage/Fruits

Flower Color	Purple
Flower Season	Spring
Fruit	Cone
Fruit Color	Purple
Fruit Season	Summer, Fall
Summer Texture	Medium
Winter Texture	Medium
Spring Foliage	Light Green
Summer Foliage	Light Green
Fall Foliage	Light Green
Winter Foliage	Dark Green

Plant Community

Sun	Full Sun, Partial Sun, Shade
Orientation	North, East
Soil Texture	Sand to Clay Loam
Topography	Upland, Lowland (Flood Prone), Lowland (Stable Water)
Plant Community	Forest, Bog
Succession	Intermediate
Origin	MSA Zone 1, MSA Zone 2, MSA Zone 3, MSA Zone 4, Minnesota, North America

Soils

Salt Spray Tolerance	Sensitive
Soil Salt Tolerance	Sensitive
Compaction Tolerance	Tolerant
Water Table	6 Inches
Drainage	Poor, Moderate
Flood Tolerance	
Drought Tolerance	Sensitive
Moisture Regime	Moist, Wet
pH	4.0 through 6.5
Windbreak Group	

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Planting Ease

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

Maintenance

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

Pests/Problems

Allergens	males 2, females 2
Invasiveness	Non-Invasive
Toxicity	
Cold Injury	Not Susceptible
Storm Damage	Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	High
Insect Concerns	Minor
Disease Concern	Minor
Wildlife Concerns	

Comments

Heat intolerant. Open sparse foliage at maturity. Withstands pollution.



Bark



Fruit