

Norway Spruce

Picea abies



Mature



Bark

General Attributes

Type	Evergreen Tree
Height	40 - 100 Feet
Spread	20 - 50 Feet
Form	Pyramidal
Utility Lines	Incompatible
Growth Rate	Fast
Life Expectancy	Medium
USDA Zone	3 - 7
Root Pattern	Shallow Lateral

Flowers/Foliage/Fruits

Flower Color	Pink
Flower Season	Spring
Fruit	Cone
Fruit Color	Dark Brown
Fruit Season	Fall
Summer Texture	Medium
Winter Texture	Medium
Spring Foliage	Green
Summer Foliage	Green
Fall Foliage	Green
Winter Foliage	Green

Plant Community

Sun	Full Sun
Orientation	North, South, East, West
Soil Texture	Sandy Loam to Clay
Topography	Upland
Plant Community	Forest
Succession	Climax
Origin	Non North America

Soils

Salt Spray Tolerance	Moderate
Soil Salt Tolerance	Moderate
Compaction Tolerance	Intolerant
Water Table	24 Inches
Drainage	Moderate
Flood Tolerance	
Drought Tolerance	Tolerant
Moisture Regime	Dry, Moist, Wet
pH	4.7 through 7.5
Windbreak Group	

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Planting Ease

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

Maintenance

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

Pests/Problems

Allergens	males 3, females 3
Invasiveness	Non-Invasive
Toxicity	
Cold Injury	Not Susceptible
Storm Damage	Not Susceptible
Biological Control	
Mechanical Control	
Chemical Control	

Miscellaneous

Wildlife Rating	High
Insect Concerns	Minor
Disease Concern	Minor
Wildlife Concerns	

Comments

Seed source is critical for winter survival. Largest and fastest growing spruce. Tree thins as it ages. Large cones often used in decorations. 'Pendula' is a weeping cultivar.



Fruit