

Black Hills Spruce

Picea glauca densata



Type	Evergreen Tree
Height	30 - 50 Feet
Spread	20 - 35 Feet
Form	Conical
Utilities	Incompatible
Growth Rate	Moderate
Life Expectancy	Long
USDA Zone	3 - 6
Root Type	Fibrous Shallow

Plant Community

Sun	Full Sun through Partial Sun
Orientation	All Orientations
Soil Texture	Loamy Sand through Clay

Soil Water Holding Capacity	Xeric or Mesic
Topography	Upland

Plant Community Forest or Old Field

Origin North America

Succession Intermediate

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Flowers/Foliage/Fruit

Flower Color	Brown
Flower Season	Spring
Fruit	Cone
Fruit Color	Tan
Fruit Season	Spring, Summer, Autumn or Winter

Summer Texture Medium

Winter Texture Medium

Spring Foliage Green

Summer Foliage Green

Fall Foliage Green

Winter Foliage Green



Soils

Salt Spray	Tolerant
Soil Salt	Tolerant
Compaction	Moderate
Water Table	24 Inches
Drainage	Moderate
Flood Tolerance	Intolerant
Drought Tolerance	Tolerant
Moisture Regime	Dry, Moist or Wet
pH	4 through 8

Planting Ease

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

Windbreak Group WSG1, WSG1K, WSG2, WSG2K, WSG3, WSG4L, WSG4F, WSG5, WSG6R, WSG6G, WSG7 or WSG8

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Maintenance

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

Pests/Problems

Allergens both sexes 3

Invasivness

Toxicity

Cold Injury Infrequent

Storm Damage Infrequent

Biological Control

Mechanical Control

Chemical Control

Miscellaneous

Wildlife Rating High

Insect Concerns Minor

Disease Concerns Minor

Wildlife Concerns Deer

Comments

Better tolerance to heat and drought and high pH than glauca. Also denser and more ornamental than species.