

# Colorado Blue Spruce

*Picea pungens glauca*



<b>Type</b>	Evergreen Tree
<b>Height</b>	70 - 100 Feet
<b>Spread</b>	20 - 35 Feet
<b>Form</b>	Conical
<b>Utilities</b>	Incompatible
<b>Growth Rate</b>	Moderate
<b>Life Expectancy</b>	Long
<b>USDA Zone</b>	3 - 7
<b>Root Type</b>	Fibrous Deep

## Plant Community

<b>Sun</b>	Full Sun through Partial Sun
<b>Orientation</b>	All Orientations
<b>Soil Texture</b>	Sandy Loam through Clay

<b>Soil Water Holding Capacity</b>	Xeric or Mesic
<b>Topography</b>	Upland

**Plant Community** Forest

**Origin** North America

**Succession** Intermediate or Climax

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## Flowers/Foliage/Fruit

**Flower Color** Purple

**Flower Season** Spring

**Fruit** Cone

**Fruit Color** Tan

**Fruit Season** Spring, Summer, Autumn or Winter

**Summer Texture** Medium

**Winter Texture** Medium

**Spring Foliage** Dark Green

**Summer Foliage** Dark Green

**Fall Foliage** Dark Green

**Winter Foliage** Dark Green



## Soils

**Salt Spray** Tolerant

**Soil Salt** Moderate

**Compaction** Intolerant

**Water Table** 24 Inches

**Drainage** Moderate

**Flood Tolerance** Intolerant

**Drought Tolerance** Sensitive

**Moisture Regime** Dry, Moist or Wet

**pH** 4 through 7.8

## Planting Ease

**Spring Bareroot** Easy

**Fall Bareroot**

**Spring Container** Easy

**Fall Container** Moderate

**Spring Seed**

**Fall Seed**



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

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## Maintenance

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



## Pests/Problems

**Allergens** both sexes 3

**Invasivness**

**Toxicity**

**Cold Injury** Infrequent

**Storm Damage** Infrequent

**Biological Control**

**Mechanical Control**

**Chemical Control**

## Comments

Overutilized in the landscape. Many blue cultivars exist. Blue foliage is lost when planted in the shade.

## Miscellaneous

**Wildlife Rating** High

**Insect Concerns** Major

**Disease Concerns** Major

**Wildlife Concerns** Deer