

# Colorado Green Spruce

*Picea pungens*



Mature



Bark

## General Attributes

<b>Type</b>	Evergreen Tree
<b>Height</b>	70 - 100 Feet
<b>Spread</b>	20 - 35 Feet
<b>Form</b>	Conical
<b>Utility Lines</b>	Incompatible
<b>Growth Rate</b>	Medium
<b>Life Expectancy</b>	Long
<b>USDA Zone</b>	3 - 7
<b>Root Pattern</b>	Shallow Lateral

## Flowers/Foliage/Fruits

<b>Flower Color</b>	Purple
<b>Flower Season</b>	Spring
<b>Fruit</b>	Cone
<b>Fruit Color</b>	Tan
<b>Fruit Season</b>	Spring, Summer, Fall, Winter
<b>Summer Texture</b>	Medium
<b>Winter Texture</b>	Medium
<b>Spring Foliage</b>	Green
<b>Summer Foliage</b>	Green
<b>Fall Foliage</b>	Green
<b>Winter Foliage</b>	Green

## Plant Community

<b>Sun</b>	Full Sun, Partial Sun
<b>Orientation</b>	North, South, East, West
<b>Soil Texture</b>	Sandy Loam to Clay
<b>Topography</b>	Upland
<b>Plant Community</b>	Forest
<b>Succession</b>	Intermediate, Climax
<b>Origin</b>	North America

## Soils

<b>Salt Spray Tolerance</b>	Tolerant
<b>Soil Salt Tolerance</b>	Moderate
<b>Compaction Tolerance</b>	Intolerant
<b>Water Table</b>	24 Inches
<b>Drainage</b>	Moderate
<b>Flood Tolerance</b>	
<b>Drought Tolerance</b>	Sensitive
<b>Moisture Regime</b>	Dry, Moist, Wet
<b>pH</b>	4.0 through 7.8
<b>Windbreak Group</b>	

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## Planting Ease

<b>Spring Bareroot</b>	Easy
<b>Fall Bareroot</b>	
<b>Spring Container</b>	Easy
<b>Fall Container</b>	Moderate
<b>Spring Seed</b>	
<b>Fall Seed</b>	

## Maintenance

<b>Formal</b>	Low
<b>Informal</b>	Low
<b>2,4-D Tolerance</b>	Sensitive
<b>Dicamba Tolerance</b>	Sensitive
<b>Picloram Tolerance</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

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

## Miscellaneous

<b>Wildlife Rating</b>	High
<b>Insect Concerns</b>	Major
<b>Disease Concern</b>	Major
<b>Wildlife Concerns</b>	

## Comments

Native to Colorado, New Mexico, Utah, and Wyoming. Most tolerant spruce for dry sites. Cytospora canker can cause death of lower branches as tree approaches maturity.



Fruit



Mass