

Colorado Blue Spruce

Picea pungens glauca



Mature



Leaf

General Attributes

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

Flowers/Foliage/Fruits

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

Plant Community

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

Soils

| | |
|-----------------------------|-----------------|
| Salt Spray Tolerance | Tolerant |
| Soil Salt Tolerance | Moderate |
| Compaction Tolerance | Intolerant |
| Water Table | 24 Inches |
| Drainage | Moderate |
| Flood Tolerance | |
| Drought Tolerance | Sensitive |
| Moisture Regime | Dry, Moist, Wet |
| pH | 4.0 through 7.8 |
| 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 | Tolerant |
| Sulfur Dioxide | Moderate |
| Ozone Tolerance | Tolerant |
| Hydrogen Flouride | Sensitive |
| 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 | Major |
| Disease Concern | Major |
| Wildlife Concerns | |

Comments

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



Bark



Fruit

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Immature