

Picea pungens

(Blue Spruce, Colorado Blue Spruce)

Blue spruce is a very slow growing evergreen from Colorado. Got its name from its leaf color. Needle leaves are prickly when touched but have a nice aromatic smell when crushed. It has a perfect pyramidal shape. It can withstand many stresses, including drought, pollution, salt and wind. Use it as a specimen or screen.



Plant Image

Landscape Information

French Name: Épicéa bleu

Arabic Name: تنوب شائك

Pronunciation: Pi-see-uh PUN-gens

Plant Type: Tree

Origin: Western United States

Heat Zones: 1, 2, 3, 4, 5, 6, 7

Hardiness Zones: 2, 3, 4, 5, 6, 7, 8

Uses: Screen, Hedge, Topiary, Bonsai, Espalier, Specimen, Border Plant, Container, Windbreak

Size/Shape

Growth Rate: Slow

Tree Shape: Pyramidal

Canopy Symmetry: Symmetrical

Canopy Density: Dense

Canopy Texture: Fine

Height at Maturity: 15 to 23 m

Spread at Maturity: 8 to 10 meters

Time to Ultimate Height: More than 50 Years

Picea pungens

(Blue Spruce, Colorado Blue Spruce)



Flower Image

Botanical Description

Foliage

Leaf Arrangement: Spiral

Leaf Venation: Nearly Invisible

Leaf Persistence: Evergreen

Leaf Type: Simple

Leaf Blade: Less than 5

Leaf Shape: Needle

Leaf Margins: Entire

Leaf Textures: Waxy

Leaf Scent: Pleasant

Color(growing season): Blue-Green

Flower

Flower Showiness: False

Trunk

Trunk Susceptibility to Breakage: Generally resists breakage

Number of Trunks: Single Trunk

Trunk Esthetic Values: Not Showy

Fruit

Fruit Type: Cones

Fruit Showiness: True

Fruit Size Range: 3 - 7

Fruit Colors: Brown

Picea pungens

(Blue Spruce, Colorado Blue Spruce)



Leaf Image

Horticulture Management

Tolerance

Frost Tolerant: Yes

Heat Tolerant: No

Drought Tolerant: Yes

Salt Tolerance: Moderate

Requirements

Soil Requirements: Loam

Soil Ph Requirements: Acidic, Neutral

Water Requirements: Moderate, Low

Light Requirements: Full, Part

Management

Toxicity: No

Invasive Potential: No

Susceptibility to Pests and Diseases: Yes

Pruning Requirement: Little needed, to develop a strong structure

Fruit/ Leaves/ Flowers litter: No

Surface Rooting: No

Life Span: More than 50

Edible Parts: None

Plant Propagations: Cutting

MORE IMAGES



Fruit Image



Bark Image



Other Image