



Species: *Pseudotsuga menziesii*

(su-do-su'gah men-zee'zee-eye)

Douglas Fir

Cultivar Information

There are many cultivars of this species. As with most evergreen there are several dwarf varieties.

* See specific cultivar notes on next page.

Ornamental Characteristics

Size: Tree > 30 feet

Height: 40' - 80'

Leaves: Evergreen

Shape: openly pyramidal

Ornamental Other:

Environmental Characteristics

Light: Full sun

Hardy To Zone: 3b

Soil Ph: Can tolerate acid to alkaline soil (pH 5.0 to 8.0)

Environmental Other: do not expose to winter wind; full sun required

Insect Disease

Several insect and disease problems

Bare Root Transplanting

Difficult

Other

native to western Canada, United States and Mexico; transplant B & B in spring or fall. Moderately rapid growth.

Cultivars for *Pseudotsuga menziesii*

Showing **1-23** of **23** items.

| Cultivar Name | Notes |
|------------------|---|
| Aurea | 'Aurea' - upright pyramid; golden-tipped foliage; 4' in 10 years |
| Blue | 'Blue' - broad upright; striking blue foliage |
| Graceful Grace | 'Graceful Grace' - compact weeping form; dark-green needles with a glaucous cast |
| Emerald Twist | 'Emerald Twist'(a.k.a. 'Torquis') - broad upright form; twisting, undulating branches; dark-green needles |
| Waggin' Tails | 'Waggin' Tails' - broad upright; dark green; branches curve and twist like the wagging tail of a dog; slower growth |
| var. glauca | var. glauca - bluish-green needles; more compact; upright branching |
| Fastigiata | 'Fastigiata' - branches that are distinctly upright; dense, green-gray needles |
| Fletcheri | 'Fletcheri' - dwarf form; grows to 3 - 6' tall x 3' wide; blue-green needles |
| Graceful Grace | 'Graceful Grace' - fine weeping form; longer needles; upright plant; gracefully-drooping, lax branches |
| Loggerhead | 'Loggerhead' - dense, spreading, mounded habit; similar to "Bird's Nest Spruce" (<i>Picea abies</i> 'Nidiformis') |
| Little Jon | 'Little Jon' - globular multi-stemmed dwarf form, become more brad and tall with age dark green needles |
| Hillside Pride | 'Hillside Pride' - similar to 'Little Jon'; plant with upright branching |
| Pendula | 'Pendula' - main trunk that twists as it grows upwards; lateral branches are spreading and droop for a mounded effect; deep green needles |
| Carnefix Weeping | 'Carnefix Weeping' - variable upright habit; pendulous branches; rich green needles |
| Compact | 'Compacta' - dwarf, very compact, low spreading form; short, rich glossy-green needles; can be staked to form a plump pyramid; if staked grows to 3' tall x 2' wide in 10 years |
| Cross Selection | 'Cross Selection' - upright, pyramidal form; short needles are blue-gray with a "glowing" quality; grows to 6' tall x 3' wide in 10 years |
| De Bunn | 'De Bunn' - bun-shaped when young, eventually a conical dwarf form; rich green needles; grows to 18" tall x 14" wide in 10 years |

| Cultivar Name | Notes |
|-------------------------|--|
| Hale | 'Hale' - slow-growing, flattened-globose form; short, bright glossy-green needles; 2' tall x 2.5' wide in 10 years |
| Hillside Gold | 'Hillside Gold' - upright pyramidal form; glossy green needles turn to gold in winter, new growth in spring has a contrasting chartreuse color; grows to 5' tall x 3' wide in 10 years |
| Jackson's Witch's Broom | 'Jackson's Witch's Broom' -miniature flattened-globe form; bright-green glossy needles; grows to 10" tall x 12" wide in 10 years |
| Seattle Mountain | 'Seattle Mountain' - compact, upright form; lemon-yellow foliage will be light green in deep shade; grow to 5' tall x 3' wide in 10 years |
| Shorty's Blue | 'Shorty's Blue' - upright, compact, pyramidal form; rich blue foliage; grows to 7' tall x 3.5' wide in 10 years |
| Skyline | 'Skyline' - upright for; narrow whipcord-like branches; foliage is gray blue-green; grows to 8' tall x 3' wide in 10 years |

Photos



Pseudotsuga menziesii - Bark



Pseudotsuga menziesii - Cone



Pseudotsuga menziesii - Cones, Leaves



Pseudotsuga menziesii - Leaves



Pseudotsuga menziesii - Leaves



Pseudotsuga menziesii - Habit



Pseudotsuga menziesii - Habit



Pseudotsuga menziesii - Bark



Pseudotsuga menziesii - Leaves