



Species: *Picea abies*

(pye-see'ah ay'beez)

Norway Spruce

Cultivar Information

This is a very commonly planted tree, in some areas it has a tendency to escape cultivation and naturalize or become invasive. There are hundreds of cultivars and varieties of this species. Many of the cultivars are dwarf or weeping but some are full size. A selection of some of these can be found below.

* See specific cultivar notes on next page.

Ornamental Characteristics

Size: Tree > 30 feet

Height: 60' - 100'

Leaves: Evergreen

Shape: pyramidal; pendulous branches

Ornamental Other: Moderately fast growth rate

Environmental Characteristics

Light: Full sun, Part shade

Hardy To Zone: 3b

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

Insect Disease

No diseases listed

Bare Root Transplanting

Difficult

Other

native to northern and central Europe; transplant B & B in spring or fall

Cultivars for *Picea abies*

Showing **1-17** of **17** items.

Cultivar Name	Notes
Aarburg	'Aarburg' irregularly shaped weeping form; very fast growing; leaders are very strong; grows to 14' tall x 4' wide;
Aurea	'Aurea' (a.k.a. Aurea Magnifica) - slow-growing; dense pyramidal form; golden foliage; grows to 6' tall x 3' wide in 10 years, 35' x 15' at maturity
Aurea Jacobsen	'Aurea Jacobsen' variegated, tops of needles are golden, bottoms of needles are green; narrow upright habit; mature height of 15'-20', with a width of only 4' in 20 years
Acrocona	'Acrocona' - broad upright form; raspberry-red cones on the tips of its branches becomes wider than tall with age
Argenteospicata	'Argenteospicata' (a.k.a. 'Argentea Spicata')- emerging foliage pale green to white; grows to over 40' x 30'
Big Wave	'Big Wave' (a.k.a. Glauca Pendula) - mounding prostrate habit if not staked; 6 - 8' in 10 years; slightly longer, bluer needles; a stronger leader
Bant	'Bant' - miniature form; needles are 1/4" long; stems are only 1" long; grows into a round orb; grows to 1' x 1' in 10 years
Rubra Spicata	'Rubra Spicata' - broad upright habit; emerging needle in spring are maroon to reddish brown
Nidiformis	'Nidiformis' - wide- spreading, low-growing plant; rounded, shrub-like form; branches are layered with a depression in the center of the plant; grows slowly to 3' to 6' tall and up to 10' wide
Pumila	'Pumila' - globular form; rounded habit with erect stems that point outwards.
Pygmaea	'Pygmaea' - tiny; globular form; dense and slow-growing
Cobra	'Cobra' - broad upright form; when staked, trees have a relatively tall, straight, sparsely branched main trunk and a thick, ground-hugging skirt that radiates outward with dancing, cobra-like leaders
Cupressina	'Cupressina' - columnar form; tight branching habit with short, dark green needles; grows to 25 - 30' tall by 6 - 8' wide
Elegantissima	'Elegantissima' - vigorous upright habit; green needles dusted with white; grows to 8' tall x 4' wide in 10 years
Gregoryana Parsonii	'Gregoryana Parsonii' - irregular, dwarf form; thick, green needles; grows to 2 - 5 high and wide

Cultivar Name	Notes
Humilis	'Humilis' - dwarf, irregular upright form; grows to 3' tall x 2' wide in 10 years
Stoner	'Stoner' - miniature; short green needles on thin stems; grows to 2' tall x 1' wide in 10 years

Photos



Picea abies - Leaves



Picea abies - Leaves



Picea abies - Leaves



Picea abies - Habit



Picea abies - Habit



Picea abies - Habit



Picea abies - Habit



Picea abies - Cone, Leaves



Picea abies - Bark