



## Species: *Tsuga canadensis*

(tsu'gah kan-a-den'sis)

Canadian Hemlock, Eastern Hemlock

### Cultivar Information

Many cultivars exist for this native species. Select has focused on size, variegation, and weeping character. Below is a selection of cultivars that are representative of the varieties this species has to offer.

\* See specific cultivar notes on next page.

### Ornamental Characteristics

Size: Tree > 30 feet

Height: 40' - 70'

Leaves: Evergreen

Shape: pyramidal; pendulous with age

Ornamental Other:

### Environmental Characteristics

Light: Full sun, Part shade, Shade

Hardy To Zone: 3a

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

Environmental Other: Best growth in light shade; will tolerate full sun or full shade. Not wind or drought tolerant. Somewhat tolerant of calcareous soils

### Insect Disease

Hemlock woolly adelgid in many parts of the Eastern US kills trees within three or four years if left uncontrolled.

## Bare Root Transplanting

Difficult

## Other

native to eastern North America; transplant B &amp; B in spring or fall

Cultivars for *Tsuga canadensis*Showing **1-21** of **21** items.

Cultivar Name	Notes
Sargentii	'Sargentii' (a.k.a. var. sargentii, f. pendula, 'Pendula') - semi-dwarf, broadly weeping form; grows to 15' tall and twice as wide; the preferred weeping form of <i>T. canadensis</i>
Albospica	'Albospica' - compact form; bright white new growth; benefits from light shade
Gentsch White	'Gentsch White' similar to 'Albospica'; rounded compact form; silvery branch tips; grows to 4' tall and wide
Aurea Compacta	'Aurea Compacta' (a.k.a. 'Everitt's Golden') - stiffly upright form; bright gold foliage
Golden Splendor	'Golden Splendor' - upright-growing form; golden foliage; fast growing
Cole's Prostrate	'Cole's Prostrate' - prostrate, creeping, spreading form; appreciates light shade
Curly	'Curly' - congested branches bearing needles which curl around the stems.
Horsford Contorted	'Horsford Contorted' (a.k.a. 'Pig Tails') - branches are coiled and twisted; forms a small tree at maturity
Jeddeloh	'Jeddeloh' - dwarf mounding form; tends to have a depression in its center giving it the name "Bird's Nest Hemlock"
Minuta	'Minuta' - micro-miniature, dwarf bun form; dark green needles; only increase at the rate of .25"-.5" per year
Pygmaea	'Pygmaea' - micro-miniature, dwarf bun form; dark green needles; only increase at the rate of .25"-.5" per year
Watnong Star	'Watnong Star' - rounded compact form; foliage that is frosted with white, especially on new growth
Abbott's Pygmy	'Abbott's Pygmy' - miniature, globe form; green needles; appreciates protection from afternoon sun
Ashfield Weeper	'Ashfield Weeper' - weeping form; long, arching branches of this erect, irregularly-shaped form have pendulous branchlets; dark-green needles are bigger than those of the species

Cultivar Name	Notes
Bacon Cristate	'Bacon Cristate' - extremely dwarf, cristate, broad upright form; similar to, but smaller and darker than 'Jervis'; ultra-dense, short, dark green, twisted needles with white striations on the reverse; gnarly, irregular habit
Betty Rose	'Betty Rose' - miniature, irregular globe shaped mounding form; extremely slow-growing ; white-tipped foliage that takes on a blush of light pink in spring
Dawsoniana	'Dawsoniana' - broad upright form; tufts of short, bright-green needles give the arching shoots dense look; multi-stemmed; grows slowly; full, bushy form
Forest Fountain	'Forest Fountain' (a.k.a. 'Dwarf Upright') - pyramidal, broad, upright, sculptural tree form; deep-green foliage; branches arch upward
Gentsch White	'Gentsch White' - globe-shaped, intermediate form; variegated with creamy-white branch tips; annual shearing will maintain a compact habit and encourage new, white growth
Hornbeck	'Hornbeck' - miniature, tight, irregularly mounding, globe-shaped form; tiny, flat needles; bigger than 'Abbott's Pygmy' and smaller than 'Jervis'; grows slowly
Horsford	'Horsford' - miniature, globe shaped form; dense, irregular growth habit

## Photos



*Tsuga canadensis* - Bark



*Tsuga canadensis* - Cones



*Tsuga canadensis* - Habit



*Tsuga canadensis* - Cones, Leaves



*Tsuga canadensis* - Habit



*Tsuga canadensis* - Habit





*Tsuga canadensis* - Leaves



*Tsuga canadensis* - Habit



*Tsuga canadensis* - Bark