



Species: *Tsuga caroliniana*

(tsu'gah kar-oh-lin-ee-ay'nah)

Carolina Hemlock

Cultivar Information

Only a few cultivars exist for this species which has been decimated by the Hemlock Woolly adelgid in the wild.

* See specific cultivar notes on next page.

Ornamental Characteristics

Size: Tree > 30 feet

Height: 45' - 60' (20' - 25' spread)

Leaves: Evergreen

Shape: tall, stately, pyramidal with pendulous branches; graceful and drooping

Ornamental Other: best in full sun (will tolerate full shade); will not thrive under hot, dry conditions; more tolerant of air pollution than *T. canadensis*; more sensitive to drought than other evergreens

Environmental Characteristics

Light: Full sun, Part shade, Shade

Hardy To Zone: Any

Soil Ph: Can tolerate acid to neutral soil (pH 5.0 to 7.4)

Insect Disease

very susceptible to woolly adelgid infestations, which can be fatal

Bare Root Transplanting

Any

Other

native to southeastern US; transplant B&B in spring or fall; slow to medium growth rate; can be pruned into hedges; medium texture; not commonly available

Cultivars for *Tsuga caroliniana*

Showing **1-4** of **4** items.

Cultivar Name	Notes
Arnold Pyramid	'Arnold Pyramid' - dense columnar form; grows to 40' tall
Compacta	'Compacta' - mounding form; grows wider than tall
Greenbrier	'Greenbrier' - weeping form; forms a small tree wider than tall with pendulous branches
La Bar's Weeping	'La Bar's Weeping' (a.k.a. 'LaBar Weeping') - creeping form, must be staked upright

Photos



Tsuga caroliniana bark



Tsuga caroliniana cones



Tsuga caroliniana needles



tsuga carol cone dirr b



TScr comstock B



tsuga carol leafcone dirr b



Tsuga caroliniana Bark ED



Tsuga caroliniana Foliage ED



Tsuga caroliniana Cones ED