



## Species: *Thuja occidentalis*

(thu'ya ok-si-den-ta'lis)

Eastern Arborvitae; White Cedar; American Arborvitae

### Cultivar Information

There are many cultivars of this native species. Below is a selection of what the species has been selected for. Currently there are few cultivars that are deer-resistant.

\* See specific cultivar notes on next page.

### Ornamental Characteristics

Size: Tree > 30 feet

Height: 40' - 60'

Leaves: Evergreen

Shape: dense, broadly pyramidal

Ornamental Other:

### Environmental Characteristics

Light: Full sun, Part shade

Hardy To Zone: Any

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

Environmental Other: Susceptible to snow and ice damage; full sun; will tolerate light shade but may become thin

### Insect Disease

bagworm; heart rot; leaf miner; spider mites; deer browsing

### Bare Root Transplanting

Difficult

## Other

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

Cultivars for *Thuja occidentalis*

Showing **1-25** of **25** items.

Cultivar Name	Notes
Nigra	'Nigra' - symmetrical, pyramidal form; dark green winter color; grows to 15' to 25' tall x 5' to 8' wide
Mr. Bowling Ball	'Mr. Bowling Ball' (a.k.a. 'Bobozam') - dwarf, ball form; dense and medium green foliage, needs no pruning to remain neat; grows to 3' tall and wide
Emerald	'Emerald' (a.k.a. 'Smaragd', 'Emerald Green') - narrow, compact form; bright green foliage that holds its color well during the winter months; vertically held sprays of foliage; grows to 15' tall x 5' wide; shows excellent cold and heat tolerance
Hetz Midget	'Hetz Midget' - dwarf, rounded, mounding form; layered light green foliage; slow-growing; grows to 3' tall
Holmstrup	'Holmstrup' - narrow, compact upright habit; upright sprays of light green foliage; thrives in light shade; grows to 5' tall x 2' wide
Little Gem	'Little Gem' - dense rounded form; dark green foliage bronzes slightly in winter; grows to 3' tall and greater in spread
Little Giant	'Little Giant' - dwarf wide globe form; healthy green foliage; slow growing; grows to 6' tall
Lutea	'Lutea' (a.k.a. 'George Peabody') - large-growing pyramidal form; bright yellow foliage; grows to at least 30' tall
Pyramidalis	'Pyramidalis' - narrow, compact, pyramidal form; grows to 15' tall x 4' wide; soft, bright green foliage but the plant may suffer winter discoloration
Rheingold	'Rheingold' (a.k.a. 'Ellwangeriana Aurea') - ovoid form; orange-yellow foliage that deepens and reddens in winter; grows to 5' tall and wide
Aurea	'Aurea' - similar to 'Rheingold' but smaller; globe shaped form; grows to 3' tall and wide
Sherwood Frost	'Sherwood Frost' (a.k.a. 'Sherwood Forest') - compact, broad-upright form; variegated plant has branch tips colored creamy-white; slow-growing; benefiting from light shade
Techny	'Techny' (a.k.a. 'Mission') - broad pyramidal form; deep green foliage all year; very hardy; grows slowly to 15' tall
Wareana	'Wareana' - pyramidal form; foliage is blue-green and appears thick and heavy; grows to 8' tall; extremely cold hardy

Cultivar Name	Notes
Wareana Lutescens	'Wareana Lutescens' - similar to 'Wareana', has creamy-yellow foliage coloring
Wintergreen	'Wintergreen' (a.k.a. 'Hetz Wintergreen') - pyramidal form; dark green foliage even in winter; better shade tolerance than other forms; not as fine-textured in foliage and habit; grows to 30' tall x 10' wide
Woodwardii	'Woodwardii' - globe-shaped form; foliage is dark green in summer, but often browns badly in winter; grows to 5' tall and wide
Berckman's Gold	'Berckman's Gold' - Semi-globose to oval, semi-dwarf form; light greenish-yellow fern-like vertical sprays tipped in yellow-gold; very little bronzing in the winter; especially well suited for the heat & humidity of the south & southeast
Fire Chief	'Fire Chief' (a.k.a. 'Congabe') - compact, globe-shaped form; finely textured, bright golden spring foliage and fantastic deep red fall color; sport of 'Rheingold', has more intense coloration and less prone to splitting
Columnaris	'Columnaris' (a.k.a. 'Columnaris WB', 'Columnaris', 'Columna') - dense columnar form; slow-growing; light gray-green foliage; branchlets twisting and with minor fasciations; grows to 5' tall x 2' wide in 10 years
Brobeck's Tower	'Brobeck's Tower' - narrow columnar form; slow-growing; twisted fans of lush-green foliage; grows to 7' tall x 2' wide in 10 years
Columbia	'Columbia' - dwarf, narrow columnar form; new growth is creamy-white, greens somewhat in summer, then white again in winter; grows to 5' tall x 2' wide in 10 years
Danica	'Danica' - dwarf, dense, squat-bun form; emerald-green foliage keeps its color even in winter; resembles a dwarf <i>Chamaecyparis obtusa</i> ; grows to 12" tall x 16" wide in 10 years
Degroot's Spire	'Degroot's Spire' - compact narrow form; slow-growing; rich emerald-green foliage with a slight bronze cast in winter; grows to 6' tall x 1' wide in 10 years
Konfetti	'Konfetti' - miniature form; rich green foliage flecked with cream white variegation; grows to 2' tall x 1' wide in 10 years

## Photos



*Thuja occidentalis* - Bark



*Thuja occidentalis* - Cones



*Thuja occidentalis* - Cones



*Thuja occidentalis* - Habit





*Thuja occidentalis* - Leaves



*Thuja occidentalis* - Bark



*Thuja occidentalis* - Habit



*Thuja occidentalis* - Cones, Leaves



*Thuja occidentalis* - Leaves