

**City of Vancouver
Tree Selection for Tree Units**

The following are approved coniferous and deciduous trees that count towards Tree Units under VMC 20.770 Tree Conservation

Call (360) 487-8328 for assistance.
Updated 2022

In order to count towards tree units, the plant must be referred to in the nursery and landscape industry as a tree AND matures at a height greater than 26 feet.

Planting plans shall: increase tree diversity; utilize native trees where appropriate; at least 60% coniferous trees; utilize insect and disease resistant trees and maximize tree canopy by planting the largest site appropriate trees.

Approved Coniferous Trees

| Common Name | Scientific Name | Cultivar/ Variety | Height (in FT) | Width (in FT) | Shape | Features/Considerations | Drought Tolerant | Overhead Utilities OK* | Soil Type |
|----------------------------------|---|-----------------------------------|----------------|---------------|------------------|--|------------------|------------------------|-----------|
| Balsam Fir | <i>Abies balsamea</i> | or Canaan | 50 | 30 | narrowly conical | | | | all |
| Fraser Fir | <i>Abies fraseri</i> | | 40 | 25 | conical | | | | all |
| Nordmann Fir | <i>Abies nordmanniana</i> | | 40 | 25 | narrowly conical | commonly grown as a christmas tree | | | all |
| Incense Cedar | <i>Calocedrus decurrens</i> | | 45 | 12 | pyramidal/oval | narrow; very adaptable | | | all |
| Blue Atlas Cedar | <i>Cedrus atlantica</i> | | 60 | 40 | pyramidal/oval | | | | all |
| Deodar Cedar | <i>Cedrus deodara</i> | | 50 | 25 | pyramidal/oval | Graceful drooping branches | ✓ | | all |
| Alaska Cedar | <i>Chamaecyparis nootkatensis</i> | or Pendula | 35 | 15 | pyramidal/oval | native | ✓ | | all |
| Arizona Cypress | <i>Cupressus arizonica/ glabra</i> | | 30 | | pyramidal/oval | smooth bark | | | well |
| Dawn Redwood | <i>Metasequoia glyptostroboides</i> | | 70 | 25 | pyramidal/oval | deciduous conifer | | | all |
| Norway Spruce | <i>Picea abies</i> | | 60 | 25 | pyramidal/oval | Slow growing | | | all |
| Serbian Spruce | <i>Picea omorika</i> | | 50 | 25 | columnar | popular ornamental tree, urban tolerant | | | all |
| Colorado Spruce | <i>Picea pungens</i> | Bakeri Blue, Blue Select, Hoppsii | 50 | 20 | pyramidal/oval | | | | all |
| Western White Pine | <i>Pinus monticola</i> | | 60 | 30 | pyramidal/oval | | | | all |
| Eastern White Pine | <i>Pinus strobus</i> | | 40 | 30 | pyramidal/oval | | | | all |
| Vanderwolf's Limber Pine | <i>Pinus flexilis</i> "Vanderwolfs Pyramid" | | 35 | 15 | upright | Evergreen; smaller form; slow growing | ✓ | | all |
| Willamette Valley Ponderosa Pine | <i>Pinus ponderosa var. benthamiana</i> | | 70 | 30 | pyramidal | Native evergreen, interesting bark | ✓ | | all |
| Douglas Fir | <i>Pseudotsuga menziesii</i> | | 70 | 30 | pyramidal/oval | most common conifer in region; extremely long-lived | | | all |
| Giant Sequoia | <i>Sequoiadendron giganteum</i> | | 70 | 40 | pyramidal/oval | large fast growing tree | ✓ | | all |
| Coast Redwood | <i>Sequoia sempervirens</i> | | 100 | 40 | pyramidal/oval | | | | all |
| Bald Cypress | <i>Taxodium distichum</i> | or Shawnee Brave | 55 | 30 | pyramidal/oval | deciduous conifer; wet/dry sites; urban tolerant | | | all |
| Western Redcedar | <i>Thuja plicata</i> | or Hogan | 60 | 30 | pyramidal/oval | Native evergreen, interesting bark, plant only in shady, wet locations due to climate stress | | | moist |
| Western Hemlock | <i>Tsuga heterophylla</i> | | 70 | 30 | pyramidal/oval | State tree of Washington; plant only in shady, wet locations due to climate stress | | | moist |

Approved Deciduous Trees

| Common Name | Scientific Name | Cultivar | Height (in FT) | Width (in FT) | Shape | Features/Considerations | Drought Tolerant | Overhead Utilities | Soil Type |
|------------------------|--------------------------------------|----------------|----------------|---------------|-------------------|---|------------------|--------------------|--------------|
| Bigleaf Maple | <i>Acer macrophyllum</i> | | 50 | 40 | rounded | native tree | | | all |
| State Street Maple | <i>Acer miyabei</i> | Morton | 50 | 35 | rounded | red in fall | ✓ | | all |
| Armstrong Maple | <i>Acer rubrum</i> | Armstrong | 45 | 15 | narrow | fast growing; yellow-orange in fall | | | all |
| Bowhall Maple | <i>Acer rubrum</i> | Bowhall | 40 | 15 | narrow | great fall color | ✓ | | all |
| October Glory Maple | <i>Acer rubrum</i> | October Glory | 40 | 35 | broadly oval | outstanding fall color; bright red | ✓ | | all |
| Red Sunset Maple | <i>Acer rubrum</i> | Franksred | 45 | 35 | upright/oval | vigorous/symmetrical; orange/red in fall | ✓ | | all |
| Redpointe Maple | <i>Acer rubrum</i> | Frank Jr. | 45 | 30 | broadly pyramidal | strong central leader; urban tolerant; bright red in fall | ✓ | | all |
| Commemoration Maple | <i>Acer saccharum</i> | Commemoration | 50 | 35 | oval/rounded | fast growing; develops good caliper as a young tree | | | all |
| Green Mountain Maple | <i>Acer saccharum</i> | Green Mountain | 45 | 35 | broadly oval | heat tolerant; reddish-orange fall color | ✓ | | all |
| Legacy Maple | <i>Acer saccharum</i> | Legacy | 50 | 35 | oval | glossy leaves; orange-red in fall | ✓ | | well drained |
| Norwegian Sunset Maple | <i>Acer truncatum x platanooides</i> | Keithsform | 35 | 25 | upright/oval | uniform canopy; orange/red in fall | ✓ | | all |
| Pacific Sunset Maple | <i>Acer truncatum x platanooides</i> | Warrenred | 30 | 25 | upright spreading | vigorous grower; yellow-orange to bright red in fall | ✓ | | all |
| Autumn Blaze Maple | <i>Acer x freemani</i> | Jeffersred | 50 | 40 | broadly oval | fast growing; brilliant long-lasting fall color | ✓ | | all |

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|-----------------------------|--|--------------------|----|----|-------------------|---|---|---|--------------|
| Red Horse Chestnut | <i>Aesculus x carnea</i> | Briotti | 30 | 35 | rounded | long rosy cluster; small variety; spiky nuts | ✓ | | all |
| Spring Flurry Serviceberry | <i>Amelanchier laevis</i> | JFS-Arb | 35 | 20 | Upright oval | white flowers, edible fruit; strong central leader | ✓ | | all |
| Heritage River Birch | <i>Betula nigra</i> | Cully | 40 | 30 | broadly pyramidal | pinkish tan exfoliating bark; yellow in fall | | | all |
| European Hornbeam | <i>Carpinus betulus</i> | Fastigiata | 35 | 25 | upright/oval | catkins turn brown in November; yellow in fall | ✓ | | all |
| Purple Catalpa | <i>Catalpa x erubescens 'Purpurea'</i> | | 45 | 40 | rounded | Large deep purple leaves; showy white flowers | ✓ | | all |
| Hackberry | <i>Celtis occidentalis</i> | or Magnifica | 45 | 35 | broadly arching | very urban tolerant; rarely lifts sidewalks | ✓ | | all |
| Pink Dawn Chitalpa | <i>Chitalpa tashkentensis</i> | Pink Dawn | 35 | 25 | rounded | Drought tolerant; trump-shaped pink flowers | ✓ | | all |
| Yellowwood | <i>Cladrastis kentukea</i> | or Perkins Pink | 30 | 40 | round | fragrant summer flowers; yellow in fall | ✓ | | well drained |
| June Snow Dogwood | <i>Cornus controversa</i> | June Snow | 30 | 40 | layered/spreading | large white flowers; red fall color, fast growing | | | drained |
| Turkish Filbert | <i>Corylus colurna</i> | | 45 | 30 | pyramidal | Urban/drought tolerant | ✓ | | all |
| Lavalle Hawthorn | <i>Crataegus x lavallei</i> | | 28 | 20 | irregular/vase | white flowers; orange fruit | ✓ | ✓ | all |
| Hardy Rubber Tree | <i>Eucommia ulmoides</i> | | 55 | 45 | conical/globose | yellowish in fall | ✓ | | well drained |
| American Beech | <i>Fagus americana</i> | | 50 | 40 | broadly oval | slow growing; striking grey bark | ✓ | | well drained |
| European Beech | <i>Fagus sylvatica</i> | | 50 | 35 | slightly rounded | leaves persistent through winter; striking bark | | | well drained |
| Fernleaf Beech | <i>Fagus sylvatica</i> | Asplenifolia | 50 | 40 | Broadly oval | dark green cutleaf foliage; golden brown in fall | | | all |
| Rivers Purple Beech | <i>Fagus sylvatica</i> | Riversii | 50 | 40 | broadly oval | deep purple foliage; striking grey bark | | | all |
| Autumn Gold Ginkgo | <i>Ginkgo biloba</i> | Autumn Gold | 35 | 30 | columnar | seedless male; yellow in fall | ✓ | | all |
| Princeton Sentry Ginkgo | <i>Ginkgo biloba</i> | Princeton Sentry | 40 | 15 | columnar | seedless male; yellow in fall | ✓ | | all |
| Magyar Ginkgo | <i>Ginkgo biloba</i> | Magyar | 50 | 30 | pyramidal | Seedless male; upright; dominant central leader | ✓ | | all |
| Presidential Gold Ginkgo | <i>Ginkgo biloba</i> | Presidentail Gold | 50 | 40 | broad | Seedless male; slow growing; strong central leader | ✓ | | all |
| Shademaster Honeylocust | <i>Gleditsia triacanthos</i> | Shademaster | 45 | 35 | vase | upright branching; yellow in fall | ✓ | | all |
| Skyline Honeylocust | <i>Gleditsia triacanthos</i> | Skycole | 45 | 35 | broadly pyramidal | tolerant of pollution; golden in fall | ✓ | | all |
| Kentucky Coffeetree | <i>Gymnocladus dioicius</i> | or Espresso | 65 | 50 | ovate | bluish green leaflets; yellow in fall | ✓ | | all |
| Goldenrain Tree | <i>Koelreuteria paniculata</i> | | 30 | 30 | rounded | yellow floral clusters; summer flowering | ✓ | ✓ | all |
| Rotundiloba Sweetgum | <i>Liquidambar styraciflua</i> | Rotundiloba | 45 | 25 | pyramidal | fruitless; unique rounded lobes; orange to purple in fall | ✓ | | all |
| Tulip Tree | <i>Liriodendron tulipifera</i> | | 60 | 30 | oval | yellow flowers; yellow in fall | | | all |
| Amur Maackia | <i>Maackia amurensis</i> | Maacknificent | 25 | 20 | vase | White flower clusters | ✓ | ✓ | all |
| White Shield Osage-orange | <i>Maclura pomifera 'White Shield'</i> | | 35 | 35 | rounded/vase | Fruitless; yellow fall color | | | all |
| Yulan Magnolia | <i>Magnolia denudata</i> | | 35 | 30 | pyramidal | creamy flowers; use on non-windy site | | | all |
| Edith Bogue Magnolia | <i>Magnolia grandiflora</i> | Edith Bogue | 30 | 15 | tightly pyramidal | broadleaf evergreen tree; large creamy white flowers | | | all |
| Galaxy Magnolia | <i>Magnolia liliflora x sprengeri</i> | Galaxy | 30 | 15 | pyramidal to oval | deciduous; strong central leader | ✓ | | all |
| Dawn Redwood | <i>Metasequoia glyptostoboides</i> | | 60 | 25 | conical | fast growing; deciduous conifer; urban tolerant | ✓ | | all |
| Fruitless Mulberry | <i>Morus alba</i> | Kingens | 35 | 40 | rounded | fruitless | ✓ | | all |
| Red Rage Tupelo | <i>Nyssa sylvatica 'Haymanred'</i> | | 35 | 20 | broadly pyramidal | Glossy foliage resistant to leaf spot; bright red in fall | ✓ | | all |
| Afterburner Tupelo | <i>Nyssa sylvatica 'David Odom'</i> | | 35 | 20 | broadly pyramidal | Wet/Dry sites; fantastic red fall color | ✓ | | well drained |
| Wildfire Tupelo | <i>Nyssa sylvatica 'Wildfire'</i> | | 40 | 25 | broadly pyramidal | Wet/Dry sites; urban/drought tolerant, fall color | ✓ | | all |
| European Hophornbeam | <i>Ostrya carpinifolia</i> | | 40 | 25 | rounded | nutlets in hop-like bunches | ✓ | | all |
| American Hophornbeam | <i>Ostrya virginiana</i> | | 35 | 25 | upright oval | hop-like fruit; yellow in fall | ✓ | | all |
| Persian Parrotia | <i>Parrotia persica</i> | Vanessa, Ruby Vase | 30 | 20 | rounded | early flowers; mix of fall color | | | all |
| Macho Cork Tree | <i>Phellodendron amurense</i> | Macho | 40 | 30 | vase shaped | seedless; yellow in fall | | | all |
| Bloodgood London Planetree | <i>Platanus x acerifolia</i> | Bloodgood | 50 | 40 | broadly pyramidal | exfoliating bark; somewhat disease resistant | ✓ | | all |
| Kwanzan Flowering Cherry | <i>Prunus serrulata</i> | Kwanzan | 30 | 20 | vase/rounded | pink, double flowers; hardiest <i>P. serrulata</i> ; orange in fall | | | all |
| Scarlet Oak | <i>Quercus coccinea</i> | | 50 | 40 | upright/oval | Red fall color; long-lived | ✓ | | drained |
| Oregon White Oak | <i>Quercus garryana</i> | | 65 | 50 | oval | Deciduous native; slow grower; yellow fall color | ✓ | | well drained |
| Willow Oak | <i>Quercus phellos</i> | | 50 | 35 | rounded/oval | Very urban tolerant; transplants easily; long-lived | ✓ | | well drained |
| Shingle Oak | <i>Quercus imbricaria</i> | | 50 | 40 | broadly oval | Transplants readily; beautiful summer foliage | | | well drained |
| Red Oak | <i>Quercus rubra</i> | | 50 | 45 | rounded | Fast growing; red fall color; urban tolerant | ✓ | | well drained |
| Shumard Oak / Texas Red Oak | <i>Quercus shumardii</i> | | 50 | 40 | upright/oval | Red fall color; slow growing; long-lived | ✓ | | well drained |

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|------------------------|------------------------------------|---------------|----|----|-------------------|---|---|--|--------------|
| Canyon Live Oak | <i>Quercus chrysolepis</i> | | 55 | 30 | upright oval | Evergreen; faster growing, drought resistant | ✓ | | well drained |
| Interior Live Oak | <i>Quercus wislizenii</i> | | 50 | 40 | broadly oval | Evergreen; slow growing; drought resistant | ✓ | | well drained |
| Holly Oak | <i>Quercus ilex</i> | | 60 | 50 | broadly oval | Evergreen; faster growing; holly like leaves | ✓ | | drained |
| Cork Oak | <i>Quercus suber</i> | | 60 | 60 | oval | Evergreen; thick, corky bark | ✓ | | all |
| California Black Oak | <i>Quercus kelloggii</i> | | 60 | 45 | broadly oval | Faster growing, yellow/gold fall color | ✓ | | all |
| Sawtooth Oak | <i>Quercus acutissima</i> | | 40 | 40 | rounded | Clean foliage; yellow/brown fall color | ✓ | | all |
| Forest Green Oak | <i>Quercus frainetto 'Schmidt'</i> | | 50 | 30 | oval | Strong central leader | ✓ | | all |
| Bambooleaf Oak | <i>Quercus hypoleucooides</i> | | 50 | 35 | broadly pyramidal | Evergreen; fast growing; silvery undersides of leaves | ✓ | | all |
| Silverleaf Oak | <i>Quercus myrsinifolia</i> | | 35 | 25 | broadly oval | Evergreen; cold hardy; low maintenance | ✓ | | all |
| Bald Cypress | <i>Taxodium distichum</i> | | 55 | 30 | pyramidal/oval | deciduous conifer; wet/dry sites; urban tolerant | ✓ | | all |
| Redmond Linden | <i>Tilia americana x euchlora</i> | Redmond | 35 | 25 | densely pyramidal | rapid grower; develops caliper at a young age | | | all |
| Greenspire Linden | <i>Tilia cordata</i> | Greenspire | 40 | 30 | pyramidal | strong/uniform; yellow in fall | ✓ | | all |
| Sterling Silver Linden | <i>Tilia tomentosa</i> | Sterling | 45 | 35 | pyramidal | dark green/silver underside; fewer aphids | ✓ | | all |
| Crimean Linden | <i>Tilia x euchlora</i> | | 40 | 35 | broadly pyramidal | glossy foliage; yellow in fall | ✓ | | all |
| Accolade Elm | <i>Ulmus</i> | Morton | 70 | 60 | arching vase | disease resistant; fast grower; graceful arching habit | ✓ | | all |
| Frontier Elm | <i>Ulmus</i> | Frontier | 40 | 30 | arching vase | disease resistant; fast grower; reddish-purple in fall | ✓ | | all |
| Homestead Elm | <i>Ulmus</i> | Homestead | 50 | 35 | arching vase | tolerant to urban conditions; fast grower; yellow in fall | | | all |
| Pioneer Elm | <i>Ulmus</i> | Pioneer | 50 | 50 | rounded | disease resistant; vigorous grower | ✓ | | all |
| Triumph Elm | <i>Ulmus</i> | Morton Glossy | 55 | 45 | upright oval/vase | disease resistant; glossy green foliage | ✓ | | all |
| Valley Forge Elm | <i>Ulmus americana</i> | Valley Forge | 70 | 70 | broad vase | disease resistant; traditional American Elm form | ✓ | | all |
| Emerald Sunshine Elm | <i>Ulmus propinqua</i> | JFS-Bieberich | 35 | 25 | vase | fast growing; urban tolerant; yellow in fall | ✓ | | |
| Prospector Elm | <i>Ulmus wilsoniana</i> | Prospector | 40 | 30 | vase shaped | disease resistant; urban tolerant; yellow in fall | ✓ | | |
| Green Vase Zelkova | <i>Zelkova serrata</i> | Green Vase | 50 | 40 | vase shaped | clean appearance; red in fall | ✓ | | |
| Village Green Zelkova | <i>Zelkova serrata</i> | Village Green | 40 | 38 | vase shaped | clean appearance; red in fall | | | |