

Master List of Trees

Recommended Trees for Planting in Guilderland

The Tree Preservation Committee has compiled this list of trees suitable for growing throughout the Town of Guilderland. Planting of conifers should be limited to private property, while the other trees on the list are also suitable for planting as street trees within tree lawns. Tree lawns are the grassy areas between the sidewalk and the roadway, and are located within the Town's property and right-of-way.

Most of the recommended trees are native species. Native trees support the lifecycle of specific insects, birds, and other animals. They also offer a sustainable approach to landscaping, requiring less water, maintenance and other resources.

A few non-native trees are included here. All of these are non-invasive, and because they do not attract wildlife they may be especially useful for planting near heavily trafficked roads.

Properly planted in suitable locations all of these trees will provide beauty, shade, and a more sustainable environment for future generations of Guilderland residents. When choosing from the list, please be sure to select those trees that will be most likely to thrive in conditions specific to your site. Asterisks and color coding explained below should be noted as you make your selections.

Green: Pine Bush Species

Pink: Non-native to North America but not invasive.

*Suitable for street planting

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Trees for under wires and small spaces, 30' or less

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Conifers

Ilex opaca, **American Holly**, 15'-30', zones 5-9, deer resistant, tolerates air pollution, evergreen

Juniperus virginiana, **'Eastern Red Cedar'**, 30', deer resistant, Native slow growing, many cultivars in a variety of sizes

Thuya occidentalis, **'Arborvitae'**, Native, popular, many cultivars in a variety of sizes, colors and shapes, not deer resistant, zones 3-8

Deciduous

Acer saccharum*, **'Sugar Cone', Sugar Maple but a small cultivar

Amelanchier laevis*, **Serviceberry, 10'-20' height and spread, many cultivars

Betula nigra*, **'Fox Valley', **Dwarf River Birch**

Carpinus caroliniana*, **Musclewood, part shade and tolerates wet soil, superior fall color, 'Ball of Fire' 15'x15'

Cercis canadensis*, **Eastern Redbud, many cultivars, full sun/part shade

Chionanthus virginicus*, **White Fringe Tree

Cornus florida, **Flowering Dogwood**

Cornus alternifolia, **Pagoda Dogwood**, beautify understory tree, prefers moist sites

Cornus mas*, **Cornelian Cherry, native to Western Asia

Continue obovatus, **American Smoketree**, size and shape can be controlled by pruning

Crataegus*, **Hawthorn 'Inermis' thornless cultivars

Salix discolor, **Pussy Willow**, wet soil, short lifespan

Salix nigra, **Black Willow**, wet soils

Maackia amurensis*, **Amur maackia, 20'-30' with equal or wider spread, very hardy, native to Manchuria

Malus*, **Crabapple cultivars in many sizes, shapes and colors

Oxydendrum arboreum*, **Sourwood Tree

Prunus pensylvanica, **Pin Cherry**

Prunus*, **'Accolade' Cherry

Prunus* **'Snow Goose' Cherry

Stewartia ovata*, many cultivars, known as the **mountain camellia or stewartia

**Syringa reticulata*, Japanese Lilac Tree, native to Japan, very hardy

Medium Size Trees, 30'-60'

Green: Pine Bush Species | **Pink:** Non-native but not invasive | *****Suitable for street planting (*) maybe Conifers

Picea glauca, **'White Spruce'**, 50' zones 2-8, Native, deer resistant, some disease concerns

Picea omorika, **Serbian Spruce**, 40'-60', zones 4-7, deer resistant

(*)*Pinus banksiana*, **'Jack Pine'**, 30'-50', Native, zones 2-6, visually interesting irregular shape, might be considered for street tree sites

Deciduous

Acer x freemanii*, **Freeman Maple, cross between red and sugar maple

Acer pensylvanicum, **Striped Maple, Moosewood**, prefers shade, interesting bark

Acer myabei*, 'State Street', **Miyabe maple, native to Japan

Acer rubrum*, **Red Maple, many cultivars for size, shape and stunning fall color, tolerates salt and moist soils

Betula lenta, **Sweet/Black Birch**

Betula lutea, **Yellow Birch**

Betula nigra, **River Birch**

Betula papyrifera*, **Paper Birch

Betula populifolia, **Gray Birch**, short lived

Carpinus betulus*, **European Hornbeam, 'Fastigiata', narrow spread, salt and shade tolerant

Catalpa speciosa, **Northern Catalpa**, no diseases, bold spring flowers

Celtis occidentalis*, **Common Hackberry, underused street tree, shape is similar to an Elm

Cladrastis kentukea*, **Yellowwood, underused street tree, smooth bark and lovely branch structure

Gleditsia triacanthos* var. interims (thornless), **Honey Locust, overused street tree, incredible tolerance of salt, drought, wet, wind, pollution

Nyssa sylvatica*, **Black Gum, many cultivars, spectacular fall colors, tolerates moist soils

Ostrya virginiana*, **American Hophornbeam, underused tree, interesting shaggy bark, tolerates some shade

Prunus serotina, **Black Cherry**, deep taproot, salt resistant

Prunus sargentii*, **Sargents Cherry, Native to Japan, hardy street tree, vase shape, tolerates salt

Quercus bicolor*, **Swamp Oak, tolerates salt, drought and flooding

Sassafras albidum, **Sassafras**, tap root

Zelkova serrata*, **Japanese zelkova, ‘Village Green’, excellent street tree, hardy, vase shape, good fall color, fast growing

Large Trees over 60'

Green: Pine Bush Species | **Pink:** Non-native but not invasive | *****Suitable for street planting (*) maybe Conifers

Abies concolor, **Concolor Fir**, zones 3-7, Native to Western USA, deer resistant disease resistant, soft longish blue/green needles, a beautiful tree

Pinus strobus, **Eastern White Pine**, tolerates dry soils, sensitive to salt

Picea abies, **Norway Spruce**, zones 2-7, Naturalized, disease resistant, 100', fast growing

Taxodium distichum, (*deciduous conifer*) **Bald Cypress**, tolerates wet soils, fall color before needle drop

Thuja plicata, '**Green Giant Arborvitae**' vigorous grower, somewhat deer resistant, dense, fragrant, good screening

(*)*Pinus rigida*, **Pitch Pine**, tolerates dry soils, might be considered for street tree sites

Pinus resinosa, **Red Pine**

Pinus rubens, **Red Spruce**, Tolerates heat, shallow rooted

Pseudotsuga menziesii, **Douglas Fir**

Larix laricina, (*deciduous conifer*) **Tamarack**, tolerates wet areas, beautiful cones and fall color before needle drop

Tsuga canadensis, **Eastern Hemlock**, some disease concerns

Deciduous

Acer saccharum*, **Sugar Maple, many cultivars for size, shape, color

Acer nigrum*, **Black Maple, more drought tolerant

Carya glabra, **Pignut Hickory**, deep tap root

Carya ovata, **Shagbark Hickory**, deep tap root

Catalpa speciosa, **Nothern Catalpa**, taproot, tolerates salt

Ginkgo biloba*, **maidenhair tree, only use fruitless males, many cultivars, over used, Native to China, beautiful tree, very hardy

Gymnocladus dioicus*, **Kentucky Coffee Tree, many cultivars, under used street tree

Liquidambar styraciflua*, **Sweetgum, relatively pest free, under used street tree, interesting seed pods

Liriodendron tulipifera, **Tuliptree**

Platanus occidentalis*, **American Sycamore, wet tolerant, interesting bark

Quercus alba*, **White Oak, under used street tree, important for supporting insects and birds

Quercus coccinea*, **Scarlet Oak, spectacular fall color, vigorous grower, thrives in dry sandy soils, deep tap root

Quercus imbricaria*, **Shingle Oak, tolerates drought, a good street tree, not tolerant of salt, an oak without a tap root

Quercus macrocarpa*, **Bur Oak, tap root

Quercus montana*, **Chestnut Oak, tolerates drought heat and poor soil, deep tap root

Quercus palustris*, **Pin Oak, no distinct tap root

Quercus phellos*, **Willow Oak, smaller leaves, tap root

Quercus rubra, **Red Oak**, magnificent tree, tolerates most soils including salt

Quercus velutina*, **Black Oak, deep tap root

Tilia americana*, **Basswood