



## Suggested Tree List – Landscape and Replacement Trees

The following is a suggested plant list and minimum size requirements for landscape trees required by the Zoning Ordinance and replacement trees required by the Woodlands Preservation Ordinance. The plant list is intended as a guide. Final plant selection shall be based upon specific site conditions. The tree size specifications are not negotiable.

### Evergreen Trees To Be Planted At 5' Height

Abies balsamea	Balsam Fir
Abies balsamea phanerolepis	Canaan Fir
Abies fraseri	Fraser Fir
Abies procera	Noble Fir
Abies veitchii	Veitch Fir
Picea engelmannii	Engelmann Spruce
Picea mariana	Black Spruce
Picea orientalis	Oriental Spruce
Picea rubens	Red Spruce
Pinus ponderosa	Ponderosa Pine; Western Yellow Pine
Tsuga canadensis	Canada Hemlock; Eastern Hemlock

### Evergreen Trees To Be Planted At 8' Height

Abies concolor	Concolor Fir; White Fir
Chamaecyparis nootkatensis	Nootka Falsecypress; Alaska-cedar
Picea abies	Norway Spruce
Picea glauca	White Spruce; American White Spruce
Picea omorika	Serbian Spruce
Picea pungens	Colorado Spruce
Picea pungens glauca	Colorado Blue Spruce; Blue Spruce
Pinus nigra	Austrian Pine
Pinus resinosa	Red Pine
Pinus strobus	White Pine; Eastern White Pine
Pinus sylvestris	Scotch Pine
Pinus thunbergiana	Japanese Black Pine
Pseudotsuga menziesii	Douglas fir

### Canopy, Deciduous Trees To Be Planted at 2" Caliper

Acer nigrum	Black Maple
Aesculus hippocastanum	Horsechestnut; Horse Chestnut
Betula alleghaniensis	Yellow Birch
Carya cordiformis	Bitternut Hickory
Carya glabra	Pignut Hickory; Pignut
Carya ovata	Shellbark Hickory; Shagbark Hickory
Eucommia ulmoides	Hardy Rubber Tree
Fagus grandifolia	American Beech
Fagus sylvatica	European Beech
Nyssa sylvatica	Tupelo; Sourgum; Pepperidge; Black Gum; Black Tupelo
Quercus alba	White Oak
Quercus bicolor	Swamp White Oak
Quercus coccinea	Scarlet Oak
Quercus ellipsoidalis	Northern Pin Oak; Hill's Oak
Quercus imbricaria	Shingle Oak
Quercus macrocarpa	Burr Oak; Mossy Cup Oak

Quercus muehlenbergii	Chinkapin Oak; Yellow Chestnut Oak
Quercus rubra	Red Oak
Quercus shumardii	Shumard's Oak
Quercus stellata	Post Oak; Upland White Oak; Iron Oak
Quercus velutina	Black Oak; Champlain Black Oak; Yellow-bark Oak
Sassafras albidum	Red Sassafras; Sassafras

**Canopy, Deciduous Trees To Be Planted at 2.5" Caliper**

Acer platanoides	Norway Maple
Acer pseudoplatanus	Sycamore Maple; European Sycamore; Planetree Maple
Acer rubrum	Red Maple; Scarlet Maple; Swamp Maple
Acer saccharinum (1)	Silver Maple
Acer saccharum	Sugar Maple
Acer x freemanii (1)	Silver/Red Hybrid Maple
Aesculus octandra (flava)	Sweet Buckeye; Yellow Buckeye
Betula nigra	River Birch
Celtis occidentalis	Hackberry
Ginkgo biloba - male	Maidenhair Tree; Ginkgo (male)
Gleditsia triacanthos inermis (male only)	Thornless Honeylocust; Thornless Locust
Gymnocladus dioicus	Kentucky Coffeetree; Kentucky Coffeebean
Larix decidua	European Larch; Larch; Common Larch
Larix kaempferi (leptoleptis)	Japanese Larch
Larix laricina	Eastern Larch; American Larch; Tamarack; Hackmatack
Liquidambar styraciflua	Sweetgum; Sweet Gum
Liriodendron tulipifera	Tuliptree; Tulip Magnolia; Yellow Poplar; Tulip Poplar
Magnolia acuminata	Cucumber Magnolia; Cucumber Tree
Metasequoia glyptostroboides	Dawn Redwood
Phellodendron amurense	Amur Cork-tree
Platanus occidentalis	American Sycamore
Platanus x acerifolia	London Planetree
Pyrus calleryana (cultivars)	Callery Flowering Pear
Quercus palustris (2)	Pin Oak
Quercus prinus	Chestnut Oak; Basket Oak
Quercus robur	English Oak; Truffle Oak; Pedunculate Oak
Quercus variabilis	Oriental Oak
Sophora japonica	Pagoda Tree; Japanese Pagodatree; Scholar-tree
Taxodium distichum	Bald Cypress; Deciduous Cypress; Common Baldcypress
Tilia americana	American Basswood; American Linden
Tilia cordata	Littleleaf Linden
Tilia heterophylla	White Basswood; Beetree Linden
Tilia platyphyllos	American Linden; Linden; Lime; Bigleaf Linden
Tilia tomentosa	Silver Linden; White Linden; Silver-leaved Linden
Tilia x euchlora	Crimean Linden
Zelkova serrata	Zelkova; Graybark Elm; Japanese Zelkova

(1) Plant only in wetland areas and/or a minimum of 50' from a structure. (2) Supply a soil test which shows that the pH is acceptable to the species.



## Woodlands Preservation Ordinance Suggested Vegetation List – Woodland Mitigation

Notes:

1. Suggested plant list for woodland mitigation based on plant indigenous to the Great Lakes Region and their soil preferences. This list is intended as a guide. Final plant selection shall be based upon specific site conditions.
2. Plants indicated with an asterisk (\*) may be used on a limited scale and can not be more than ten percent (10%) of the total trees used in the mitigated area.

### Herbaceous Understory and Ground Covers

The herbaceous understory is used to minimize soil erosion and invasion by weed species. It should be established by seed or plant plugs throughout the mitigated area. Seed mixes for varied site conditions can be obtained through a number of suppliers. Each supplier has its own selection of mixes for: dry, mesic or wet soils; tall or low growing species; woodland shade or full sun; and utility functions such as detention basins, slope stabilization, and swales. Please specify the appropriate seed mix or composition of plant plugs appropriate for the site conditions. Seeding rates and plug density should follow industry standards.

### Dry sandy soils

#### **Canopy trees**

Acer saccharum	Sugar Maple
Juniperus virginiana	Eastern Red Cedar
Pinus strobus	White Pine
Quercus alba	White Oak
Quercus ellipsoidalis	Northern Pin Oak
Quercus macrocarpa	Burr Oak
Quercus muehlenbergii	Chinkapin Oak
Quercus velutina	Black Oak
Sassafras albidum	Sassafras
Tilia americana	American Linden

#### **Understory trees**

Amelanchier canadensis	Serviceberry
Hamamelis virginiana	Witchhazel
Crataegus crus gali	Cockspur Hawthorne

#### **Understory shrubs**

Ceanothus americanus	New Jersey Tea
Cornus racemosa	Gray Dogwood
Rosa setigera	Michigan Rose
Rosa carolina	Pasture Rose
Rhus aromatica	Fragrant Sumac
Rhus glabra	Smooth Sumac
Rhus typhina	Staghorn Sumac

### Upland mesic soils

#### **Canopy trees**

Acer rubrum	Red Maple
Acer saccharum	Sugar Maple
Fagus grandifolia	American Beech
Gymnocladus dioicus	Kentucky Coffeetree
Liriodendron tulipifera	Tuliptree
Picea glauca	White Spruce
Pinus strobus	White Pine
Populus grandidentata	*Big Toothed Aspen
Quercus alba	White Oak
Quercus bicolor	Swamp White Oak
Quercus macrocarpa	Burr Oak
Quercus rubra	Red Oak
Quercus shumardii	Shumard's Oak
Tilia americana	American Linden

#### **Understory trees**

Amelanchier canadensis	Serviceberry
Carpinus caroliniana	Eastern Hornbeam
Cornus alternifolia	Pagoda Dogwood
Hamamelis virginiana	Witchhazel
Ostrya virginiana	Hop Hornbeam

#### **Understory shrubs**

Cornus racemosa	Gray Dogwood
Diervilla lonicera	Northern Bush Honeysuckle
Rhus typhina	Staghorn Sumac
Sambucus canadensis	Elderberry
Viburnum acerifolium	Mapleleaf Viburnum

**Floodplain and poorly drained soils**

**Canopy trees**

Acer rubrum	Red Maple
Acer saccharinum	*Silver Maple
Celtis occidentalis	Hackberry
Gymnocladus dioicus	Kentucky Coffeetree
Larix laricina	Larch
Nyssa sylvatica	Blackgum
Platanus occidentalis	Sycamore
Populus tremuloides	*Quaking Aspen
Quercus bicolor	Swamp White Oak
Quercus palustris	Pin Oak (pH sensitive)

**Understory trees**

Carpinus caroliniana	Eastern hornbeam
Cornus alternifolia	Pagoda Dogwood
Crataegus crus gali	Cockspur Hawthorne
Lindera benzion	Spicebush

**Understory shrubs**

Aronia melanocarpa	Black Chokeberry
Cephalanthus occidentalis	Buttonbush
Cornus racemosa	Gray Dogwood
Cornus sericea	Redosier Dogwood
Ilex verticillata	Winterberry Holly
Physocarpus opulifolius	Ninebark
Salix discolor	Pussy Willow
Sambucus canadensis	Elderberry
Viburnum dentatum	Arrowwood
Viburnum lentago	Nannyberry
Viburnum trilobum	American Cranberry Bush