

VILLAGE OF NYACK RECOMMENDED TREES FOR PARKS, YARDS AND GARDENS 2016

This list comprises a selection of deciduous and evergreen trees that are cold hardy in Nyack's climate and generally dependable and attractive, given the right location and care during establishment. The purpose of the list is to aid in the selection of plants that will thrive and become part of a Nyack community forest that is healthy, well balanced and diverse. The majority of the plants are native to the northeastern U.S. Invasive species are excluded.

Right Plant Right Place

Before selecting trees, it is important to assess the conditions at the planting site, including the space available, amount of sun or shade, wind and salt exposure, and soil moisture. Take care to locate trees so that their roots will not interfere with sidewalks and their branches will keep clear of overhead power lines.

The Woody Plant Database <http://woodyplants.cals.cornell.edu/> is a useful resource at the Cornell University Urban Horticulture Institute. When considering trees to plant in the front yard, near the sidewalk consult *Recommended Urban Trees: Site Assessment and Tree Selection for Stress Tolerance* <http://www.hort.cornell.edu/uhi/outreach/recurbtree/index.html>.

Planting for Energy Efficiency

Deciduous trees planted on the south and west of buildings will provide the most energy savings due to cooling and shading during the hot summer months, and allowing the sun through in the winter. Evergreen trees on the northwest can buffer cold winds in winter. Planting trees so that they provide shade over driveways, sidewalks and other paving is important for cooling the air.

Avoid planting maples and invasive trees

Nyack's street tree inventory, conducted in 2015, showed more than 20 percent of the public trees in Nyack are maples. Many of these are Norway maples, an invasive species, prevalent on public and especially on private land in the village. To achieve more species diversity, select alternatives to maples.

If you select a tree that is not listed here, find out whether it is an invasive species in our area by doing an online search, calling the Cornell Cooperative Extension at (845) 429-7085 or sending an email to the Nyack Tree Committee at sustainability.desk@nyack-ny.gov.

Sources of information on this list:

Durr's Encyclopedia of Trees & Shrubs, Michael A. Dirr. Timber Press 2011.

Recommended Urban Trees: Site Assessment and Tree Selection for Stress Tolerance. Urban Horticulture Institute: Nina Bassuk, Deanna F. Curtis, BZ Marranta, Barb Neal. Department of Horticulture, Cornell University.

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Scientific Name	Common Name	Eastern Native ?	Typical Height	Typical spread
Deciduous Trees				
Medium to Large Trees: \geq 30' Feet in Height at Maturity				
Acer x freemanii	Freeman maple	yes	45-70	varies
Acer rubrum	red maple	yes	40-60	30-70
Acer saccharum	sugar maple	yes	60-75	40-50
Betula nigra	river birch	yes	40-70	30-40
Carpinus betulus	European hornbeam	no	40-60	30-40
Catalpa speciosa	northern catalpa	yes	50-60	20-40
Celtis laevigata	sugarberry	yes	60-80	60+
Celtis occidentalis	Common hackberry	yes	40-60	40+
Cercidiphyllum japonicum	Katsura	no	40-60+	25-60
Cladrastis kentukea	American yellowwood	yes	30-50	40-55
Corylus colurna	Turkish filbert	no	40-60	20-40
Diospyros virginiana	Common persimmon	yes	35-60	20-35
Eucommia ulmoides	hardy rubber tree	no	40-60	40-60
Fagus grandifolia	American beech	yes	50-70	50-70
Fagus sylvatica	European beech	no	50-60	35-45
Ginkgo biloba	ginkgo (Choose male trees only)	no	50-80+	30-40
Gleditsia triacanthos inermis	thornless honeylocust	yes	40-80	30-70
Gymnocladus dioicus	Kentucky coffeetree	yes	50-70	40-50
Juglans regia	English walnut	no	40-60	40-60
Liquidambar styraciflua	American sweetgum	yes	50-75+	40-65
Liriodendron tulipifera	tuliptree	yes	70-90+	35-50
Maclura pomifera var inermis (male)	Osage orange		30-50	30-50
Metasequoia glyptostroboides	dawn redwood	no	70-100	25-50
Nyssa sylvatica	black tupelo	yes	30-60	20-40
Platanus x acerifolia	London planetree	yes	70-100	35-80
Platanus occidentalis	American sycamore	yes	75-100	75-100
Prunus sargentii	Sargent cherry	no	40-50	20-30
Quercus alba	white oak	yes	50-80	50-80
Quercus bicolor	swamp white oak	yes	50-60	50-60
Quercus coccinea	scarlet oak	yes	60-70+	40-50
Quercus imbricaria	shingle oak	yes	40-60+	40-65
Quercus lyrata	overcup oak	yes	40-60	40-60

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<i>Quercus macrocarpa</i>	bur oak	yes	60-80	60-90
<i>Quercus palustris</i>	Pin Oak	yes	50-70+	40-50
<i>Quercus phellos</i>	willow oak	yes	40-60	30-60
<i>Quercus prinus</i>	chestnut oak	yes	50-70	50-70
<i>Quercus robur</i>	English oak	no	40-60	30-60
<i>Quercus rubra</i>	northern red oak	yes	50-70+	50-70
<i>Quercus shumardii</i>	Shumard oak	yes	60-80+	45-65
<i>Quercus muehlenbergii</i>	chinkapin oak	yes	30-50	30-60
<i>Taxodium distichum</i>	common baldcypress	yes	50-70	20-40
<i>Tilia americana</i>	American linden	yes	60-80+	30-60
<i>Tilia cordata</i>	littleleaf linden	no	50-70	30-50
<i>Tilia × euchlora</i>	Crimean linden	no	40-60	20-30
<i>Tilia tomentosa</i>	silver linden	no	50-70	35-55
<i>Ulmus americana</i>	American elm	yes	60-80+	40-80
<i>Zelkova serrata</i>	Japanese zelkova	no	50-70+	40-60

Medium Trees: 30-45 Feet in Height at Maturity

		no	35-45	30
<i>Acer miyabei</i>	Miyabei Maple	no	35-45	30
<i>Aesculus × carnea</i>	red horsechestnut	no	30-40	30
<i>Alnus glutinosa</i>	European Alder or Black Alder	no	20-40	20-40
<i>Magnolia acuminata</i>	cucumbertree magnolia	yes	30-40	20
<i>Ostrya virginiana</i>	American hophornbeam	no	30-50	20-30
<i>Parrotia persica</i>	Persian parrotia	no	20-40	15-30
<i>Prunus maackii</i>	Amur chokecherry	no	35-45	35-45
<i>Sorbus alnifolia</i>	Korean mountain ash	no	30-40	20-30

Small Trees: ≤ 30 Feet in Height at Maturity

<i>Acer buergerianum</i>	Trident Maple	no	20-30	20-25
<i>Acer campestre</i>	Hedge Maple	no	25-35	25-35
<i>Acer griseum</i>	Paperbark Maple	no	20-30	20-30
<i>Acer truncatum</i>	Shantung maple or painted maple	no	20-35	25
<i>Aesculus pavia</i>	red buckeye	yes	15-20	15-20
Amelanchier species and hybrids	serviceberry species and hybrids	yes	15-35	15-25
<i>Carpinus caroliniana</i>	American hornbeam	yes	30	25
<i>Cercis canadensis</i>	eastern redbud	yes	20-30	25-35
<i>Chionanthus virginicus</i>	white fringetree	yes	20	20
<i>Cornus alternifolia</i>	pagoda dogwood	yes	12-20	12-20
<i>Cornus kousa</i>	kousa dogwood	no	20-30	20-30
<i>Cornus mas</i>	corneliancherry dogwood	no	20-25	15-20
<i>Corylus avellana</i>	European filbert	no	8-12	6-8
<i>Cotinus coggygria</i>	common smoketree	no	10-15	10-15

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Cotinus obovatus	American smoketree	yes	20-30	15-30
Crataegus crus-galli var. inermis	Thornless Cockspur Hawthorn		20-25	20-25
Crataegus phaenopyrum	Washington hawthorn	yes	20-30	20-25
Crataegus triacanthos var. inermis	Thornless Common Honeylocust		30-35	35
Crataegus viridis	green hawthorn	yes	20-25	25
Halesia carolina	Carolina silverbell	yes	20-40	20-35
Laburnum × watereri	goldenchain tree			
goldenchain tree	goldenchain tree	no	15-20	15-20
Maackia amurensis	Amur maackia	no	20-30	20-30
Magnolia × soulangiana	saucer magnolia	no	20-30	varies
Magnolia stellata	star magnolia	no	15-20	10-15
Magnolia virginiana	sweetbay magnolia	yes	10-20	10-20
	flowering crabapple (Disease resistant only)	no	10-25	varies
Malus spp.				
Oxydendrum arboreum	sourwood	yes	25-35	20
Parrotia persica	Persian Parrottia	no	20-30	15-25
Prunus 'Accolade'	'Accolade' flowering cherry'	no	20-25	15-25
Prunus 'Snow Goose'	Snow Goose flowering cherry	no	20-25	20-25
Prunus subhirtella	Higan cherry	no	20-40	15-30
Prunus virginiana 'Canada Scarlet Red'	Canada Scarlet Red' common chokecherry	yes	25	20
Staphylea trifolia	American bladdernut	yes	10-15	10-15+
Stewartia pseudocamellia	Japanes stewartia		20-40	20-40
Styrax japonicus	Japanese snowbell	no	20-30	20-30
Styrax obassia			20-30	20-25
Sorbus x hybrida or thuringiaca	Oak-leaf mountain ash	no	25-35	30
Syringa reticulata	Japanese tree lilac	no	20-30	15-25
Tilia cordata 'Halka'	Summer Sprite little® leaf linden	no	15-20	8-10
Zelkova serrata 'Schmidtlow'	Wireless ®	no	25	35
Zelkova serrata JFS-KW1	City Sprite™ Japanese Zelkova	no	25	20

Evergreen and Coniferous trees

Large Trees: < 45 Feet in Height at Maturity

Abies balsamea	balsam fir	yes	45-75	20-25
Chamaecyparis nootkatensis	Nootka falsecypress	no	50-60	30
Cryptomeria japonica	Japanese cryptomeria	no	50-60	20-30
× Cupressocyparis leylandii	Leyland cypress	no	60-70	10-15
Ilex opaca	American holly	yes	40-50	18-40
Picea glauca	white spruce	yes	40-60	10-20
Picea omorika	Serbian spruce	no	50-60	20-25
Picea orientalis	Oriental spruce	no	50-60	10-15

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Pinus strobus	eastern white pine	yes	50-80	20-40
Pinus sylvestris	Scotch pine	no	30-60	30-40
Pseudotsuga menziesii	Douglas-fir	no	40-80	12-20
Thuja plicata	western arborvitae	no	50-70	15-25

Medium Trees: \leq 45 Feet in Height at Maturity

Abies concolor	white fir	no	30-50	15-20
Chamaecyparis thyoides	atlantic whitecedar	yes	40-50	10-20
Juniperus virginiana	eastern redcedar	yes	40-50	8-20
Pinus bungeana	lacebark pine	no	30-50	20-35
Pinus cembra	Swis stone pine	no	30-40	15-25
Pinus flexilis	limber pine	no	30-50	15-35
Pinus parviflora	Japanese white pine	no	20-50	20-50
Thuja occidentalis (varieties)	eastern arborvitae (varieties)	no	6-30	3-15