

POSSIBLE STREET TREES



LARGE MATURING TREES

For planting strips 5' and larger in width
Not appropriate under power lines
Mature in excess of 50' in height

MEDIUM MATURING TREES

For planting strips 3.5' up to 5' in width
Not appropriate under power lines
Mature between 35' and 50' in height

SMALL MATURING TREES

"Understory Trees"
Appropriate under power lines
Mature between 15' and 35' in height

(N) **American elm, <i>Ulmus americana</i>	(N) American holly, <i>Ilex opaca</i>	(N) Carolina silverbell, <i>Halesia tetraptera</i> , <i>H. carolina</i>
(N) Bald cypress, <i>Taxodium distichum</i>	Columnar oak, <i>Quercus x 'Fastigiata'</i>	Chinese pistache, <i>Pistacia chinensis</i>
(N) Linden, <i>Tilia spp.</i>	(N) Eastern red cedar, <i>Juniperus virginiana</i>	(N) **Dogwood, <i>Cornus spp.</i>
(N) Black tupelo, <i>Nyssa sylvatica</i>	European hornbeam, <i>Carpinus betulus</i>	(N) **Eastern redbud, <i>Cercis canadensis</i>
Dawn redwood, <i>Metasequoia glyptostroboides</i>	(N) **Hackberry, <i>Celtis occidentalis</i>	**Flowering cherry, <i>Prunus serrulata</i>
*Ginkgo, <i>Ginkgo biloba</i>	(N) American hornbeam, <i>Carpinus caroliniana</i>	Japanese maple, <i>Acer palmatum</i>
(N) American beech, <i>Fagus grandifolia</i>	(N) **Sweetbay magnolia, <i>Magnolia virginiana</i>	**Japanese snowbell, <i>Styrax japonica</i>
(N) River birch, <i>Betula nigra</i>	Trident maple, <i>Acer buergerianum</i>	(N) **Oklahoma redbud, <i>Cercis reniformis</i>
(N) Southern sugar maple, <i>Acer floridanum</i>	**Zelkova, <i>Zelkova serrata</i>	Shantung maple, <i>Acer truncatum</i>
(N) Tulip poplar, <i>Liriodendron tulipifera</i>	(N) Sourwood, <i>Oxydendrum arboretum</i>	(N) Serviceberry, <i>Amelanchier grandiflora</i>
(N) Swamp white oak, <i>Quercus bicolor</i>	(N) Yellowwood, <i>Cladrastis kentukea</i>	Chinese fringetree, <i>Chionanthus retusus</i>
(N) Overcup oak, <i>Quercus lyrata</i>		(N) American fringetree, <i>Chionanthus virginicus</i>
(N) Southern red oak, <i>Quercus falcata</i>		(N) American smoketree, <i>Cotinus obovatus</i>
(N) Pin oak, <i>Quercus palustris</i>		(N) Dwarf hackberry, <i>Celtis tenuifolia</i>
(N) Shumard oak, <i>Quercus shumardii</i>		(N) Yaupon holly, <i>Ilex vomitoria</i>
(N) Willow oak, <i>Quercus phellos</i>		(N) Chalk maple, <i>Acer leucoderme</i>
(N) Live oak, <i>Quercus virginiana</i>		(N) Hop Hornbeam, <i>Ostrya virginiana</i>
(N) Nuttall oak, <i>Quercus nuttallii</i>		
(N) Southern catalpa, <i>Catalpa bignonioides</i>		
(N) Sugarberry, <i>Celtis laevigata</i>		
(N) Kentucky Coffeetree, <i>Gymnocladus dioicus</i>		

(N) NATIVE

* MALE/FRUITLESS ONLY

** Cultivars or hybrids must be selected for form and/or disease resistance

Minimum spacing requirements:

Large and Medium maturing 25' +

Small maturing 15' +

Notes:

All street trees must be single stem and tree form

Fastigate trees are encouraged in tight spaces

Updated March 2026

For additional information on species and selection visit plants.ces.ncsu.edu

DO NOT USE AS STREET TREES



Use restricted for street trees Botanical Name	Common Name	Invasive species, prohibited Botanical Name	Common Name
<i>Acer negundo</i>	Boxelder	<i>Ailanthus altissima</i>	Tree of Heaven
<i>Acer platanoides</i>	Norway maple	<i>Albizia julibrissin</i>	Mimosa/Silk tree
<i>Acer rubrum</i>	Red maple	<i>Eleagnus angustifolia</i>	Russian olive
<i>Acer saccharinum</i>	Silver maple	<i>Laburnum anagyroides</i>	Golden chain tree
<i>Betula papyrifera</i>	Paper (white) birch	<i>Melia azedarach</i>	Chinaberry
<i>Catalpa spp.</i>	Catalpa	<i>Paulownia tomentosa</i>	Princess tree
<i>Carya spp.</i>	Hickory, Pecan	<i>Pyrus calleryana</i>	Callery Pear
<i>Crateagus spp.</i>	Hawthorn	<i>Sapium sebiferum</i>	Chinese tallow
<i>Diospyros virginiana</i>	Persimmon	<i>Sorbus spp.</i>	Mountain ash
<i>Fraxinus spp.</i>	Ash	<i>Ulmus parvifolia</i>	Chinese elm
<i>Ginkgo biloba</i>	Ginkgo—female only	<i>Ulmus pumila</i>	Siberian elm
<i>Gleditsia tricanthos</i>	Honey locust		
<i>Juglans nigra</i>	Black walnut		
<i>Lagerstroemia spp.</i>	Crape myrtle		
<i>Liquidambar styraciflua</i>	Sweetgum		
<i>Maclura pomifera</i>	Osage orange		
<i>Magnolia spp.</i>	Magnolia (evergreen)		
<i>Malus spp.</i>	Crabapple		
<i>Morus spp.</i>	Mulberry		
<i>Pinus strobus</i>	White pine		
<i>Platanus spp.</i>	Sycamore, London planetree		
<i>Populus alba</i>	White poplar		
<i>Prunus spp.</i>	Plum		
<i>Robinia pseudoacacia</i>	Black locust		
<i>Quercus acutissima</i>	Sawtooth oak		
<i>Salix spp.</i>	Willow		

Restricted Street Trees:

Species are restricted due to fruit or growth habit that may obstruct or impede vehicular and pedestrian traffic or routinely fail due to lack of hardiness or insect resistance.

Invasive plants:

Invasive trees are prohibited. You can find more information at the North Carolina Invasive Plant Council website.