

**RECOMMENDED STREET TREES FOR NORTH CAROLINA**  
**From the State of North Carolina Division of Forest Resources**

LARGE TREES: Mature height greater than 50 feet tall														ENVIRONMENTAL TOLERANCE	PROBLEMS
TREE SPECIES		SHAPE	GROWTH RATE			FALL LEAF			FLOWER						
SCIENTIFIC NAME	COMMON NAME		SLW	MED	FST	RED	YELL	PINK	RED	WHT	YELL	PINK			
<i>Eucommia ulmoides</i>	Hardy rubber tree	○	•											Drought	
<i>Fraxinus pennsylvanica</i>	Green ash	○		•							•			High pH / Salt / Drought / Compaction	Numerous seeds can be problematic on females
<i>Gleditsia triacanthos var. inermis</i>	Thornless honeylocust	○		•				•						Wet soils / Drought / Salt / High pH / Compaction	Plant bugs, mites, webworm
<i>Gymnocladus dioica</i>	Kentucky coffeetree	▲		•										Drought / Salt / High pH	Pods may be problematic; Needs adequate growing space
<i>Liquidambar styraciflua</i>	Sweetgum	▲		•				•						Wet soils	Needs adequate growing space; Fruit litter may be a problem, 'Rotundiloba' may be alternative
<i>Metasequoia glyptostroboides</i>	Dawn redwood	▲		•										Wet soils / High pH	
<i>Nyssa sylvatica</i>	Black gum	▲		•			•	•						Acid soils	
<i>Platanus x acerifolia</i>	London planetree	○			•									Compaction / Drought / Salt	Adequate space; Anthracnose can be a problem
<i>Quercus bicolor</i>	Swamp white oak	○	•											Wet soils / Drought / Salt / Compaction	Acorn litter. Requires ample space and acid soil
<i>Quercus imbricaria</i>	Shingle oak	○		•										Dry soils	
<i>Quercus lyrata</i>	Overcup oak	○		•										Wet soils	
<i>Quercus palustris</i>	Pin oak	▲		•			•							Wide range of soils	Adequate space
<i>Quercus phellos</i>	Willow oak	▲			•									Wet or Dry sites / Compaction	
<i>Quercus rubra</i>	Northern red oak	○			•	•								Drought / Compaction / Salt	Acorn litter
<i>Quercus shumardii</i>	Shumard oak	○		•		•								Drought / Compaction / Salt	Acorn litter
<i>Quercus virginiana</i>	Live Oak	○	•											Wet soils / Compaction / Salt	
<i>Sophora japonica</i>	Japanese pagodatree	○		•										Drought / Compaction / Salt	Litter problems; Canker can be a problem
<i>Taxodium distichum</i>	Baldcypress	▲		•										Wet soils / Compaction	
<i>Tilia tomentosa</i>	Silver linden	○		•										Drought / Salt / pH adaptable / Compaction	Aphids
<i>Ulmus parvifolia</i>	Lacebark elm	○		•							•			Drought / Salt / pH adaptable / Compaction	
<i>Zelkova serrata</i>	Japanese zelkova	○		•		•								Drought / pH adaptable / Compaction	Narrow crotch angle susceptible to splitting

**MEDIUM TREES: Mature height between 35 feet and 50 feet tall**

TREE SPECIES		SHAPE	GROWTH RATE			FALL LEAF			FLOWER				ENVIRONMENTAL TOLERANCE	PROBLEMS
SCIENTIFIC NAME	COMMON NAME		SLW	MED	FST	RED	YELL	PINK	RED	WHT	YELL	PINK		
<i>Acer rubrum</i>	Red maple	○		•		•							Wet soils / Compaction	Tends to have cankers under heavy stress; Over planted
<i>Aesculus hippocastanum</i>	Horsechestnut	○	•				•			•			pH adaptable / Salt / Tolerant / Compaction	Susceptible to leaf blotch and scorch
<i>Aesculus x carnea</i>	Red horsechestnut	○	•						•				Compaction / Acidic soil	
<i>Carpinus betulus</i>	European hornbeam			•			•						Dry soils / pH adaptable	
<i>Carpinus caroliniana</i>	American hornbeam	▲	•				•						Acidic soils	Sensitive to drought and compacted soils
<i>Celtis laevigata</i>	Sugar hackberry	○		•			•						Wet soils / Compaction / salt	Intolerant of high pH
<i>Corylus corlurna</i>	Turkish filbert			•			•						Drought / pH adaptable	
<i>Juniperus virginiana</i>	Easter redcedar	▲		•									Drought / High pH / Compaction / Salt	
<i>Koelreuteria paniculata</i>	Goldenraintree	○		•						•			Drought / Salt / High pH	
<i>Phellodendron amuresis</i>	Amur corktree	○		•			•						Drought / Wet soils / pH adaptable	Fruit may be a problem on females
<i>Prunus sargentii</i>	Sargent cherry				•	•						•	Drought / Salt / Acid soils	Avoids poorly drained sites Japanese beetles

**SMALL TREES: Mature height suitable for planting under utility wires**

TREE SPECIES		SHAPE	GROWTH RATE			FALL LEAF			FLOWER				ENVIRONMENTAL TOLERANCE	PROBLEMS
SCIENTIFIC NAME	COMMON NAME		SLW	MED	FST	RED	YELL	PINK	RED	WHT	YELL	PINK		
<i>Acer campestre</i>	Hedge maple	○	•				•						High pH / Drought / Compaction	
<i>Amelanchier arborea</i>	Serviceberry	○		•			•	•		•				Specify tree form. Good alternative to crapemyrtle
<i>Cercis Canadensis</i>	eastern redbud	○			•		•					•	pH adaptable	
<i>Chionanthus retusus</i>	Chinese fringetree	○	•							•				
<i>Cornus kousa</i>	Kousa dogwood	○	•				•			•			Acidic soils	
<i>Crataegus viridis</i>	Green hawthorn	○		•			•	•		•			pH adaptable / Drought / wet soils	
<i>Halesia tetraptera</i>	Carolina silverbell	○		•			•			•			Acid soils	Specify tree form. Good alternative to crapemyrtle
<i>Lagerstromia spp.</i>	Crapemyrtle	○			•	•	•		•	•		•	Wet soils	Over planted and often unnecessarily topped
<i>Maackia amurensis</i>	Amur maackia	○	•							•			Drought / pH adaptable	
<i>Malus spp.</i>	Flowering crabapple	○		•			•	•		•	•		Wide range of soils / Salt / Compaction	Specify tree form; fruit litter problem; scab is a problem for many species
<i>Pistacia chinensis</i>	Chinese pistache	○		•			•						High pH	
<i>Prunus caroliniana</i>	Carolina cherrylaurel	▲			•					•			Drought / pH adaptable	Avoid poorly drained sites
<i>Prunus virginiana</i>	Chokecherry				•			•		•			Drought / Salt	Avoid poorly drained sites
<i>Syringa reticulata</i>	Japanese tree lilac	▲		•						•			Drought / pH adaptable	