

Common name	Scientific name	Large Tree: >50' ht., ≥ 10' wide tree lawn, 40'-50' spacing	Light Conditions: Full Sun = F Partial Sun = P Shade tolerant = Sh	Soil Moisture: Good Drainage = D Moist = M Frequently Wet = W	Growth Rate: Slow = S Moderate = M Fast = F	Fruit or nuts	Showy Flowers	Fall Color	Evergreen	Native to SC	Notes: All large trees are best for large soil spaces	Cultivars
Maple, Red	Acer rubrum	●	F, P	D, M	F			●		●	Do not plant near pavement or in hot, dry sites	Cultivars tolerant of Florida heat are 'Florida Flame', 'Summer Red', 'Red Sunset', and 'Autumn Flame'
Pecan	Carya illinoensis	●	F, P	D, M	M	●		●		●	Drought tolerant, Big nuts, big leaves, litter debris	Cultivars for pecan characteristics, disease resistance
Hickory species	Carya ssp.	●	F, P	D, M	S	●		●		●	Drought and heat tolerant, Durable long-lived trees, Big nuts, big leaves, litter debris	Hickory species in SC include Carya glabra, Carya tomentosa, Carya ovata
Cedar, Atlas	Cedrus atlantica	●	F	D, M	M	●			●		Recommended as specimen tree only, Cones 1"-3" long	Cultivars for size and leaf color
Cedar, Deodar	Cedrus deodara	●	F	D, M	M	●			●		Intolerant of poorly drained soils, Cones > 3"-4" long X 2" wide, Good as specimen tree	Many cultivars for size and leaf color
Hackberry	Celtis occidentalis	●	F, P	D, M	F	●				●		Sugarberry, Celtis laevigata, is very similar native tree
Falsecypress, Hinoki	Chamaecyparis obtusa	●	F	D, M	M			●			Height 50' - 75', Width 10' - 25', Recommended as a specimen tree only	Many cultivars for size and leaf color
Cedar, Japanese	Cryptomeria japonica	●	P	D	M				●			Many cultivars for size and leaf color
Beech, American	Fagus grandifolia	●	F, S	D, M	S			●		●	Intolerant of poorly drained soils	
Ginkgo	Ginkgo biloba	●	F	D, M	M			●			Intolerant of poorly drained soils, Only choose male trees, Did poorly as a street tree in Columbia	Many male cultivars for size and leaf shape
Honeylocust, Thornless	Gleditsia triacanthos var. inermis	●	F	D, M	F	●					Drought and urban pollution tolerant, Over planted in some cities leading to disease and insect problems	Cultivars include 'Shademaster', 'Moraine'
Kentucky Coffee Tree	Gymnocladus dioicus	●	F	D, M	F	●	●				Tendency to sprout from roots, Large leaves 3' x 2', Female trees can have 10" x 3" seedpods, litter debris	
Sweetgum	Liquidambar styraciflua	●	F	D, M	F	●		●		●	Spiky fruit capsule	Fruitless cultivar 'Rotundiloba'
Tulip Poplar	Liriodendron tulipifera	●	F	D, M	F		●	●		●	Sensitive to heat and drought	Cultivars for tree shape and size
Magnolia Cucumbetree	Magnolia acuminata	●	F, P	D, M	M	●	●			●	Sensitive to heat, drought, soil compaction	
Magnolia, Southern	Magnolia grandiflora	●	F, P	D, M	M	●	●		●	●	Tendency for limbs close to ground	Many cultivars for size and flowering
Redwood, Dawn	Metasequoia glyptostroboides	●	F	D, M	F				●		60'-100' height 25' width	
Pine, Longleaf	Pinus palustris	●	F	D, M	F	●			●	●	6" - 15" cones,	
Pine, Loblolly	Pinus taeda	●	F	D, M	F	●			●	●	3" - 6" cones	
Sycamore	Platanus occidentalis	●	F	D, M, W	F	●				●	75' - 100' height and width, Twig drop, Large leaves, 1" fruit ball, litter debris,	
Planetree, London	Platanus x acerifolia	●	F	D, M, W		●					75' - 100' height and width, Twig drop, Large leaves, 1" fruit ball, litter debris,	Anthracnose resistant cultivars 'Columbia', 'Liberty'

Cherry, Black	Prunus serotina	●	F, P	D, M	F	●	●			●	Durable street tree, Numerous seedlings	
Oak, White	Quercus alba	●	F	D, M	S	●		●		●	Intolerant of poorly drained soil,	
Oak, Swamp White	Quercus bicolor	●	F	D, M, W	M	●		●		●		
Oak, Southern Red	Quercus falcata	●	F	D, M	M	●				●		
Oak, Bur	Quercus macrocarpa	●	F	D, M	M	●					Acorns and the bur cup can be 3" x 3"	
Oak, Pin	Quercus palustris	●	F	D, M, W	F	●		●			Tolerant of poorly drained soils,	
Oak, Willow	Quercus phellos	●	F	D, M	F	●		●		●	Charlotte, NC, had cankerworm outbreak due to overplanting of willow oaks	
Oak, Shumard	Quercus shumardii	●	F	D, M	M	●		●		●		
Oak, Post	Quercus stellata	●	F	D, M	M	●				●		
Oak, Nuttall	Quercus texana	●	F	D, M, W	F	●		●			Tolerant of poorly drained soils	
Oak, Live	Quercus virginiana	●	F	D, M	M	●			●	●	Height 40' - 80', Width 30' - 100'	
Oak, Cherrybark	Quercus pagoda	●	F	D, M	F	●					Height 90' - 130'	
Oak, Chesnut	Quercus montana	●	F	D, M	S	●						
Cypress, Pond	Taxodium distichum var. imbricarium	●	F	D, M, W	M			●		●	Tolerant of standing water, Not expected to develop knees in dry soil, Same species as T. ascendens	
Cypress, Bald	Taxodium distichum	●	F	D, M, W	M			●		●	Tolerant of standing water, Not expected to develop knees in dry soil	Many cultivars for size, fall color
Basswood	Tilia americana	●	F, P	D, M	M	●					Flower and seed litter debris	Cultivars for height, fall color, drought tolerance including, 'Redmond'
Elm, American	Ulmus americana	●	F, P	D, M, W	M			●		●		American elm cultivars require significant pruning in first 15 years

