

Narrow Crown	Flower Fruit	Hot Dry	Partial Shade	Overstory / Understory	Common Name	Scientific Name	Plant Units	Min Planting Area	Min Planting Dimension	Min Canopy Diameter
<b>OVERSTORY TREES</b>										
				O	<b>Asian trident maple</b>	<i>Acer buergerianum</i>	0.75	51	10	20
				O	<b>Southern sugar maple</b>	<i>Acer floridanum</i>	0.75	68	14	20
				O	<b>Paraná pine, Brazilian pine or candelabra tree</b>	<i>Araucaria angustifolia</i>	1	85	15	32
				O	<b>River birch</b>	<i>Betula nigra</i>	0.75	60	12	20
				O	<b>Butiagrus, Mule palm hybrid</b>	<i>Butiagrus nabonnandii</i>	0.3	26	2	10
				O	<b>Taiwan Incense-cedar</b>	<i>Calocedrus formosana</i>	1	83	15	6
				O	<b>Water Hickory / Bitter Pecan</b>	<i>Carya aquatica</i>	1	68	14	24
				O	<b>Southern Shagbark Hickory</b>	<i>Carya carolinae-septentrionalis</i>	1	68	14	24
				O	<b>Pignut Hickory</b>	<i>Carya glabra</i>	1	68	14	24
				O	<b>Nutmeg Hickory</b>	<i>Carya myristicaeformis</i>	1	68	14	24
				O	<b>Red Hickory</b>	<i>Carya ovalis</i>	1	68	14	24
				O	<b>Shagbark Hickory</b>	<i>Carya ovata</i>	1	68	14	24
				O	<b>Sand Hickory</b>	<i>Carya pallida</i>	1	68	14	24
				O	<b>Mockernut Hickory</b>	<i>Carya tomentosa</i>	1	68	14	24
NC		HD		O	<b>Gulf Coast white cedar, Miss Henry's white cedar</b>	<i>Chamaecyparis thyoides</i> var. <i>henryae</i>	0.5	31	6	7
NC				O	<b>Japanese cedar</b>	<i>Cryptomeria japonica</i>	0.5	34	7	12
				O	<b>China fir</b>	<i>Cunninghamia lanceolata</i>	0.5	51	10	12
				O	<b>White cedar, Mexican White Cedar or Cedar of Goa</b>	<i>Cupressus lusitanica</i>	1	20	4	8
				O	<b>Japanese Evergreen Oaks (Cyclobalanopsis and Lithocarpus)</b>	<i>Cyclobalanopsis</i>	1	153	15	28
				O	<b>American beech</b>	<i>Fagus grandifolia</i>	1.5	102	15	32
	FF			O	<b>Pumpkin ash</b>	<i>Fraxinus profunda</i>	1	85	15	24
		HD		O	<b>Blue ash</b>	<i>Fraxinus quadrangulata</i>	1	102	15	28
NC				O	<b>Ginkgo</b>	<i>Ginkgo biloba</i>	1.5	102	15	40
				O	<b>Honey locust</b>	<i>Gleditsia triacanthos</i>	1	85	15	24
	FF			O	<b>American holly</b>	<i>Ilex opaca</i>	0.5	43	9	12
NC		HD		O	<b>Coastal red cedar</b>	<i>Juniperus silicola</i>	0.75	51	10	16
				O	<b>Sweetgum</b>	<i>Liquidambar styraciflua</i>	1	85	15	28
	FF			O	<b>Deep South yellow magnolia, cordate cucumber magnolia</b>	<i>Magnolia acuminata</i> var. <i>cordata</i>	1	102	15	28

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NC	FF			O	<b>Southern evergreen magnolia, bullbay magnolia</b>	Magnolia grandiflora	1	85	15	24
NC	FF			O	<b>Sweetbay magnolia</b>	Magnolia virginiana	0.5	43	9	12
NC				O	<b>Dawn Redwood</b>	Metasequoia glyptostroboides	0.5	43	9	12
				O	<b>Water tupelo</b>	Nyssa aquatic	1	85	15	20
				O	<b>Swamp gum, swamp tupelo</b>	Nyssa biflora	1	68	14	24
		HD		O	<b>Black gum, tupelo</b>	Nyssa sylvatica	0.75	60	12	20
NC	FF			O	<b>American hophornbean, hop elm, ironwood</b>	Ostrya virginiana	0.75	51	10	20
NC	FF			O	<b>Sourwood</b>	Oxydendron arboreum	0.5	51	10	20
		HD		O	<b>Canary Island Date Palm</b>	Phoenix canariensis	0.3	68	2	21
		HD		O	<b>Date palm</b>	Phoenix dactylifera	0.3	68	2	21
		HD		O	<b>Silver date palm</b>	Phoenix sylvestris	0.3	34	2	10
NC		HD		O	<b>Shortleaf pine</b>	Pinus echinata	0.75	60	12	16
NC				O	<b>Coastal slash pine</b>	Pinus elliotii	1	85	15	28
NC			PS	O	<b>Spruce pine, cherrybark pine</b>	Pinus glabra	0.75	68	14	20
NC		HD		O	<b>Longleaf pine</b>	Pinus palustris	1	68	14	24
				O	<b>Chinese pistache tree</b>	Pistacia chinensis	0.75	60	12	20
	FF			O	<b>Water Elm</b>	Planera aquatic	0.5	51	10	16
				O	<b>Sycamore</b>	Platanus occidentalis	1.5	119	15	40
NC				O	<b>Japanese plum yew</b>	Podocarpus macrophyllus	0.75	43	9	16
		HD		O	<b>Asian sawtooth oak</b>	Quercus acutissima	1	85	15	28
				O	<b>White oak</b>	Quercus alba	1.5	136	15	48
				O	<b>Bluff oak</b>	Quercus austrina	1	85	15	28
		HD		O	<b>Southern red oak, Spanish oak</b>	Quercus falcata	1.5	119	15	48
		HD		O	<b>Sand live oak</b>	Quercus geminata	0.5	51	10	12
		HD		O	<b>Bluejack oak</b>	Quercus incana	1	77	15	24
		HD		O	<b>Turkey oak</b>	Quercus laevis	0.75	51	10	16
				O	<b>Overcup oak</b>	Quercus lyrata	1	68	14	24
				O	<b>Mossycup oak, Burr Oak</b>	Quercus macrocarpa	1.5	136	15	48
		HD		O	<b>Sand post oak</b>	Quercus margaretta	1	51	10	16
		HD		O	<b>Blackjack oak</b>	Quercus marilandica	0.75	68	14	16
				O	<b>Swamp chestnut oak, Basket oak</b>	Quercus michauxii	1	102	15	28

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				O	<b>Nuttall oak</b>	Quercus nuttallii	1	85	15	28
				O	<b>Pagoda oak, cherrybark oak</b>	Quercus pagoda	1.5	102	15	36
				O	<b>Shumard oak</b>	Quercus shumardii	1.5	85	15	32
				O	<b>Delta post oak</b>	Quercus similis	1	102	15	32
				O	<b>Durand white oak, Black Belt prairie oak</b>	Quercus sinuata	1	102	15	32
		HD		O	<b>Post oak</b>	Quercus stellata	1	85	15	28
				O	<b>Live oak</b>	Quercus virginiana	1.5	204	15	48
		HD		O	<b>Cabbage palm</b>	Sabal palmetto	0.3	27	2	10
				O	<b>Taiwania</b>	Taiwania cryptomerioides	1	85	15	24
NC				O	<b>Pond cypress</b>	Taxodium ascendens	0.75	26	5	8
NC				O	<b>Bald cypress</b>	Taxodium distichum	1	60	12	20
		HD		O	<b>Winged elm</b>	Ulmus alata	1	68	14	24
				O	<b>American elm</b>	Ulmus Americana	1.5	102	15	40
				O	<b>Florida elm</b>	Ulmus Americana var. floridana	1.5	102	15	40
		HD		O	<b>Mexican and California fan palms (and <i>robusta</i> and <i>hybrids</i>)</b>	Washingtonia filifera	0.3	24	2	8
					<b>UNDERSTORY TREES</b>					
				U	<b>Japanese fir or Momi fir</b>	Abies firma	0.5	26	5	8
				U	<b>Chalky bark maple</b>	Acer leucoderme	0.5	51	10	12
				U	<b>Japanese Maple (Tiawanese) / Oliver's Maple</b>	Acer oliverianum ssp. formosanum	0.5	26	5	10
				U	<b>Japanese Maple - Coral bark 'Beni Kawa'</b>	Acer palmatum 'Beni Kawa'	0.5	14	3	5
				U	<b>Japanese Maple - 'Bloodgood'</b>	Acer palmatum 'Bloodgood'	0.5	34	7	12
				U	<b>Japanese Maple - 'Red Emperor'</b>	Acer palmatum 'Red Emperor'	0.5	26	5	8
				U	<b>Japanese Maple - 'Seiryu'</b>	Acer palmatum 'Seiryu'	0.5	20	4	6
NC	FF		PS	U	<b>Red buckeye</b>	Aesculus pavia	0.5	43	9	12
		HD		U	<b>Jelly palm, Pindo palm</b>	Butia capitata	0.3	26	2	8
	FF	HD		U	<b>Red bottlebrush</b>	Callistemon citrinus	0.5	26	5	8
	FF		PS	U	<b>Camellia</b>	Camellia	0.5	26	5	8

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				U	<b>Blue beech, hornbeam, hard elm, ironwood</b>	<i>Carpinus caroliniana</i>	0.75	51	10	16
	FF	HD		U	<b>Southern catalpa</b>	<i>Catalpa bignonioides</i>	0.5	34	7	12
	FF			U	<b>Chinese fringe tree</b>	<i>Chionanthus retusa</i>	0.5	26	5	8
	FF			U	<b>American fringe tree</b>	<i>Chionanthus virginiana</i>	0.5	26	5	8
	FF			U	<b>Citrus species</b>	<i>Citrus</i>	0.5	43	9	12
	FF			U	<b>Swamp Dogwood</b>	<i>Cornus foemina</i>	0.5	34	7	8
	FF			U	<b>Southern swamp dogwood</b>	<i>Cornus stricta</i>	0.5	34	7	8
	FF			U	<b>Loquat, Japanese plum</b>	<i>Eriobotrya japonica</i>	0.5	60	12	24
	FF			U	<b>Silverbell, snowdrop tree</b>	<i>Halesia diptera</i>	0.75	51	10	16
	FF			U	<b>Cassine holly</b>	<i>Ilex cassine</i>	0.5	20	4	6
	FF	HD		U	<b>Possumhaw holly</b>	<i>Ilex decidua</i>	0.5	26	5	8
NC	FF	HD		U	<b>Yaupon holly</b>	<i>Ilex vomitoria</i>	0.5	34	7	12
	FF			U	<b>Bienville Gold</b>	<i>Ilex X attentuata</i>	0.5	26	5	8
NC	FF			U	<b>Crepe myrtle</b>	<i>Lagerstroemia</i>	0.5	43	9	12
	FF			U	<b>Henry tanbark oak</b>	<i>Lithocarpus henryi</i>	0.5	34	7	8
	FF			U	<b>Chinese witch hazel</b>	<i>Loropetalum</i>	0.5	20	4	8
	FF			U	<b>Asian magnolias, tulip magnolias, Japanese magnolias (many varieties)</b>	<i>Magnolia</i>	0.75	51	10	16
	FF			U	<b>Michelia</b>	<i>Michelia</i>	0.5	43	9	12
	FF	HD		U	<b>Wild olive, devilwood</b>	<i>Osmanthus americanus</i>	0.5	26	5	8
	FF			U	<b>Sweet olive</b>	<i>Osmanthus fragrans</i>	0.5	34	7	12
	FF			U	<b>Taiwan cherry</b>	<i>Prunus campanulata</i>	0.5	43	9	12
	FF			U	<b>Mexican plum</b>	<i>Prunus Mexicana</i>	0.5	43	9	16
				U	<b>Japanese blue oak (Quercus (Cyclobalanopsis) glauca)</b>	<i>Quercus glauca</i>	0.75	26	5	8
				U	<b>Japanese evergreen oak (Quercus (Cyclobalanopsis) acuta)</b>	<i>Quercus acuta</i>	0.75	26	5	8
	FF	HD		U	<b>Flameleaf sumac, Shining sumac</b>	<i>Rhus copallinum</i>	0.5	31	6	10
	FF	HD		U	<b>Smooth sumac</b>	<i>Rhus glabra</i>	0.5	31	6	10
				U	<b>Florida soapberry</b>	<i>Sapindus marginatus</i>	0.5	34	7	12
	FF			U	<b>Asian styrax - Japanese snowbell</b>	<i>Styrax japonicus</i>	0.5	43	9	12

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				U	<b>Chinese windmill palm</b>	Trachycarpus fortunei	0.3	17	2	5
	FF		PS	U	<b>Sparkleberry, Lily of the Valley Tree</b>	Vaccinium arboreum	0.5	34	7	12
	FF			U	<b>Walter's viburnum</b>	Viburnum obovatum	0.5	17	3	5
	FF			U	<b>Rusty blackhaw viburnum</b>	Viburnum rufidulum	0.5	43	9	16
	FF	HD		U	<b>Chaste tree</b>	Vitex agnus-castus	0.5	34	7	12