



SPECIES COMMON NAME	BOTANICAL NAME	CANOPY AREA		RECOMMENDED USES							PHYSICAL CHARACTERISTICS							ENVIRONMENTAL CHARACTERISTICS AND TOLERANCES											
		Square Feet of Canopy	Canopy Size Category	Level of Use	Large Landscape Areas	Road Frontages-Street	Road Frontages-Yard	Parking Lots	Buffers	Riparian Zones and Drainage Areas	Utility Corridors	Mature Crown Form	Mature Height (Typical)	Mature Spread (Typical)	Leaf Type	Leaf Texture	Fall Leaf Color	Flower Color	Wildlife Value	Excessive Litter	Native Tree Region	Growth Rate	Average Life Span	Soil Moisture	Drought Tolerance	Light Requirements	Construction Tolerance/Limitations	Urban Tolerant	
Chinquapin, Allegheny	Castanea pumila	400	S	C	X						X	R	10-25	10-25	DB	M	BR	I	X		Y	S	S	D	H	FS	P/P		
Cottonwood, Eastern	Populus deltoides	1600	L	C	X			X		X		P	50-100	20-75	DB	C	YE	I	X	X	Y	F	M	M	M	FS	G/	X	
Crabapple, Japanese Flowering	Malus floribunda	400	S	L		X				XX	XX	R	15-25	15-25	DB	M	YE	P	X		N	M	S	M	L	FS	n/a		
Crabapple, Southern	Malus angustifolia	400	S	C	X	X					XX	SP	20-25	10-20	DB	M	YE	P	X	X	Y	M	S	M	L	FS	M/CP		
Crapeyrtille, Common	Lagerstroemia indica	150	VS	P		XX		XX	XX	O	XX	MS	15-30	10-25	DB	F	RE	M			N	F	M	M	H	FS	n/a	X	
Cypress, Leyland	Cupressocyparis leylandii	400	S	L	X	O	X	X	X		O	P	50-60	20-30	EC	F	EV	I			N	F	M	M	M	FS	G/		
Devils Walking Stick	Aralia spinosa	150	VS	N																	Y								
Devilwood	Osmanthus americanus	400	S	C	X		X					R	15-25	10-15	DB	M	YE	W	X		Y	M	M	M	M	PS	M/		
Dogwood, Flowering	Cornus florida	400	S	P	XX	XX	XX	O	XX		XX	SP	15-30	15-30	DB	M	RE	W	X		Y	M	M	M	L	PS	M/P		
Dogwood, Flowering Pink	Cornus florida var. rubra	400	S	P	XX	XX	XX	O	XX		X	SP	15-30	15-30	DB	M	RE	P	X		Y	M	M	M	L	PS	n/a		
Dogwood, Kousa	Cornus kousa	400	S	P		X				X	X	R	10-20	10-20	DB	M	RE	W	X		N	S	S	M	L	PS	n/a		
Dogwood, Swamp	Cornus stricta	400	S	C	X					X	X	R	10-25	10-25	DB	M	RE	W	X		Y	S	S	W	L	PS	G/I		
Elm, American	Ulmus americana	1600	L	C	X		X			X	X	U	50-100	30-70	DB	M	YE	I	X		Y	M	M	M	H	FS	M/P		
Elm, Chinese (Lacebark)	Ulmus parvifolia	900	M	L	O	XX	XX	XX	O	O		U	40-60	30-50	DB	F/M	YE	I			N	F	M	M	H	FS	n/a	X	
Elm, Siberian	Ulmus pumila	900	M	N																	N								
Elm, Slippery	Ulmus rubra	1600	L	C	X	X	X			X		U	70-80	30-50	DB	M	YE	I	X		Y	F	M	M	M	FS	M/P		
Elm, Winged	Ulmus alata	1600	L	P	XX	XX	XX	XX	O	O		U	70-80	30-50	DB	F	YE	I			Y	M	M	M	H	FS	G/	X	
Flametre, Chinese	Koelreuteria bipinnata	400	S	P			X					R	20-40	20-40	DB	M	YE	Y			N	M	M	M	H	FS	n/a	X	
Fringetree	Chionanthus virginicus	150	VS	P	X	X	X				X	O	10-30	5-15	DB	M/C	YE	W	X		Y	M	S	M	L	PS	M/S		
Fringetree, Chinese	Chionanthus retusus	150	VS	P		X	X			X	X	R	15-25	10-15	DB	M/C	YE	W	X		N	S	S	M	M	PS	n/a		
Ginkgo (Female)	Ginkgo biloba	1600	L	L	X	O	X	O	O		X	P	50-75	30-60	DB	C	YE	I		X	N	S	L	M	H	FS	G/		
Ginkgo (Male)	Ginkgo biloba	1600	L	P	X	XX	XX	X	O			P	50-75	30-60	DB	C	YE	I			N	S	L	M	H	FS	G/		
Goldraintree	Koelreuteria paniculata	400	S	P		X	X	X	X			R	20-40	20-40	DB	M	YE	Y			N	M	S	M	H	FS	n/a		
Hackberry, Common	Celtis occidentalis	1600	L	C	X		X			X		SP	60-90	25-60	DB	F/M	YE	I	X		Y	M	M	M	H	FS	n/a	X	
Hackberry, Georgia	Celtis tenuifolia	1600	L	C	X		X			X		SP	25-35	25-35	DB	F/M	YE	I	X		Y	S	M	D	H	FS	M/S		
Hawthorne, Washington	Crataegus phaenopyrum	400	S	P		X				X		R	10-30	5-25	DB	F	MU	W	X		N	S	S	M	M	FS	G/		



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		Square Feet of Canopy	Canopy Size Category	Level of Use	Large Landscape Areas	Road Frontages-Street	Road Frontages-Yard	Parking Lots	Buffers	Riparian Zones and Drainage Areas	Utility Corridors	Mature Crown Form	Mature Height (Typical)	Mature Spread (Typical)	Leaf Type	Leaf Texture	Fall Leaf Color	Flower Color	Wildlife Value	Excessive Litter	Native Tree Region	Growth Rate	Average Life Span	Soil Moisture	Drought Tolerance	Light Requirements	Construction Tolerance/Limitations	Urban Tolerant		
Maple, Amur	Acer ginnala	400	S	P		X	X				X	R	15-25	15-25	DB	M	RE	W			N	M	M	M	M	M	FS	n/a		
Maple, Chalk	Acer leucodermis	900	M	P	X	X	X	X	X			R	20-40	10-30	DB	M	I	I			N	Y	M	M	M	H	FS	P/A	X	
Maple, Hedge	Acer campestre	900	M	P		X	X	X	X			R	25-35	25-35	DB	M	YE	I			N	S	S	M	H	FS	n/a	X		
Maple, Japanese	Acer palmatum	400	S	L	O		X	O			X	O	15-25	10-25	DB	M	RE	I			N	S	S	M	L	PS	n/a			
Maple, Norway	Acer platanoides	900	M	N	pest susceptible																	N								
Maple, Red	Acer rubrum	900	M	P	XX	XX	XX	X	XX	XX	O	R	40-90	20-35	DB	M	RE	R	X		N	Y	F	L	M	L	FS	G/		
Maple, Silver	Acer saccharinum	1600	L	L	O		X	O				R	50-80	40-60	DB	M	YE	I			N	F	S	M	H	FS	P/A			
Maple, Southern Sugar	Acer barbatum	900	M	P	XX	X	XX	X	XX	X		R	40-70	25-60	DB	M	OR	I			N	Y	M	M	M	H	FS	M/S	X	
Maple, Sugar	Acer saccharum	1600	L	P	XX	XX	XX	X		X	O	O	60-80	30-50	DB	M	OR	I	X		N	Y	M	L	M	M	PS	P/W/		
Maple, Trident	Acer buergerianum	400	S	P	O	XX	XX	XX	XX			R	20-45	20-30	DB	M	MU	I			N	F	M	M	M	FS	n/a	X		
Mimosa	Alizia julibrissin	900	M	N	pest susceptible, weed tree																	N								
Mulberry, Red	Morus rubra	900	M	C	X	O		O		X		R	40-70	20-50	DB	C	YE	I	X	X	N	Y	F	S	M	H	FS	G/		
Oak, Black	Quercus velutina	1600	L	C	X		X	X		X		R	70-90	50-60	DB	M	RE	I	X		N	Y	M	L	D	H	FS	G/		
Oak, Cherrybark	Q. falcata var. pagodifolia	1600	L	P	X		X	X		X		R	60-100	30-50	DB	M	RE	I	X		N	Y	M	L	M	M	FS	G/		
Oak, Chestnut	Quercus prinus	1600	L	P	X	O	XX	O	O	O		R	50-80	30-60	DB	M	RE	I	X	X	N	Y	S	L	D	H	FS	G/W/S		
Oak, Diamond Leaf	Quercus laurifolia	1600	L	P	X	X	X					R	60-80	50-60	DB	M	YE	I	X		N	N	M	L	M	M	FS	G/		
Oak, English	Quercus robur	1600	L	L		X	X					R	40-60	40-60	DB	M	BR	I	X		N	N	S	M	M	M	FS	n/a		
Oak, Georgia	Quercus georgiana	1600	L	C	X		X					R	20-40	10-30	DB	M	BR	I	X		N	Y	M	M	D	H	FS	n/a		
Oak, Laurel	Quercus hemisphaerica	1600	L	P	X	X	X	X				R	60-90	50-60	DB	M	BR	I	X		N	N	F	M	D	H	FS	n/a		
Oak, Live	Quercus virginiana	1600	L	N	out of range																N									
Oak, Northern Red	Quercus rubra	1600	L	P	XX	X	XX	X				R	60-100	30-60	DB	M	RE	I	X		N	Y	F	L	M	M	FS	M/SC		
Oak, Nuttall	Quercus nuttallii	1600	L	P	X	X	X	X				R	60-80	35-50	DB	M	RE	I	X		N	Y	M	L	M	M	FS	n/a		
Oak, Ogeethorpe	Quercus oglethorpensis	1600	L	C	X	X	X					R	40-70	30-50	DB	M	RE	I	X		N	Y	S	M	W	M	FS	n/a		
Oak, Overcup	Quercus lyrata	1600	L	P	XX	XX	XX	X		X		R	30-45	30-45	DB	M	BR	I	X		N	Y	M	L	W	M	FS	G/		
Oak, Pin	Quercus palustris	1600	L	L	O	X	X	O		O		P	40-100	20-50	DB	M	RE	I	X		N	M	M	M	M	FS	M/G/			
Oak, Post	Quercus stellata	1600	L	C	X	X	XX					R	40-50	35-40	DB	M/C	BR	I	X		N	Y	M	L	D	H	FS	G/		



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		Square Feet of Canopy	Canopy Size Category																								
Poplar, White	Populus alba	900	M	C	Level of Use	O	40-100	20-60	DB	C	C	YE	YE	I	X		N	F	M	M	M	H	FS	FS	n/a		
Poplar, Yellow	Liriodendron tulipifera	1600	L	P	Large Landscape Areas	O	80-150	30-60	DB	C	YE	YE	Y	X	X		N	F	M	L	M	L	FS	P/IS			
Redbud, Eastern	Cercis canadensis	400	S	P	Road Frontages-Street	SP	25-50	15-25	DB	M	M	YE	YE	P	X		Y	F	S	M	M	M	PS	M/S			
Redbud, Eastern White	Cercis canadensis var. alba	400	S	P	Road Frontages-Yard	SP	20-30	15-25	DB	M	M	YE	YE	W	X		Y	F	S	M	M	M	PS	n/a			
Redbud, 'Forest Pansy'	C. canadensis 'Forest Pansy'	400	S	P	Parking Lots	SP	20-30	15-25	DB	M	M	YE	YE	P	X		Y	F	S	M	L	PS	n/a				
Redbud, 'Oklahoma'	C. reniformis 'Oklahoma'	400	S	P	Buffers	R	20-25	15-20	DB	M	M	YE	YE	P	X		N	M	S	D	H	FS	n/a				
Redbud, Texas White'	C. reniformis 'Texas White'	400	S	P	Riparian Zones and Drainage Areas	R	20-25	15-20	DB	M	M	YE	YE	W	X		N	M	S	D	H	FS	n/a				
Redcedar, Eastern	Juniperus virginiana	900	M	P	Utility Corridors	P	40-60	10-20	EC	F	EV	EV	I	X		Y	S	M	M	H	FS	M/IS					
Redwood, Dawn'	Metasequoia glyptostroboides	900	M	P		P	75-100	25-30	DC	F	BR	I				N	F	L	M	M	H	FS	n/a	X			
Royal Paulownia	Paulownia tomentosa	900	M	L		I	30-50	20-50	DB	C	YE	P				N	F	S	M	M	M	FS	G/				
Sassafras	Sassafras albidum	900	M	C		O	30-60	20-40	DB	M	OR	Y				Y	M	M	M	H	FS	G/					
Serviceberry, Downy	Amelanchier arborea	400	S	P		I	15-40	10-20	DB	M	OR	W				Y	S	M	M	M	PS	M/IS					
Silverbell, Carolina	Halesia carolina	900	M	P		I	30-60	20-35	DB	M	YE	W				Y	M	M	M	L	PS	M/ISC					
Smoke-tree, American	Cotinus obovatus	150	VS	L		O	15-30	10-25	DB	M	MU	P				Y	M	S	D	H	PS	n/a	X				
Smoke-tree, Common	Cotinus coggygria	150	VS	L		O	10-15	10-15	DB	M	MU	P				N	M	S	D	H	FS	n/a	X				
Sourwood	Oxydendrum arboreum	900	M	C		SP	30-60	20-30	DB	M	RE	W				Y	M	S	M	M	M	FS	P/A				
Sparkleberry, Tree	Vaccinium arboreum	150	VS	C		I	10-20	5-10	DB	F	RE	W				Y	S	S	S	M	M	S	M/A				
Spruce varieties	Picea sp.	900	M	N												N											
Sugarberry	Celtis laevigata	1600	L	C		SP	60-80	25-60	DB	F/M	YE	I				Y	M	M	M	M	M	FS	G/I				
Sweetgum	Liquidambar styraciflua	1600	L	C		O	60-80	40-60	DB	M	MU	I				Y	F	L	M	L	FS	G/					
Sweetgum, Fruitless	L. styraciflua 'Rotundiloba'	1600	L	P		O	50-70	35-45	DB	C	MU	I				Y	M	M	M	L	FS	n/a					
Sycamore	Platanus occidentalis	1600	L	P		O	70-100	30-70	DB	C	BR	I				Y	F	M	M	M	M	FS	G/				
Tallowtree, Chinese	Sapium sebiferum	900	M	N												N											
Tree-of-Heaven	Allantus altissima	900	M	N												N											
Walnut, Black	Juglans nigra	1600	L	C		R	60-70	50-70	DB	M	YE	I				Y	M	L	M	L	FS	P/IS					
Waxmyrtle, Southern	Myrica cerifera	150	VS	P		MS	10-30	10-30	EB	F	EV	I				N	M	S	M	M	M	FS	G/				

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Willow, Black	Salix nigra	900	M	C	X	O		O		X	O	I	30-40	30-40	DB	F/M	YE	I			Y	F	S	W	L	FS	G/	
Willow, Weeping	Salix babylonica	1600	L	L	X	O	X	O			R	30-70	20-70	DB	F/M	YE	I				N	F	M	W	M	FS	M/G/	
Winterberry, Common	Ilex verticillata	150	VS	P	X	X	X		X		M/S	5-15	5-10	DB	M	I	I	X			Y	M	S	M	L	FS	G/	
Witchhazel, Common	Hamamelis virginiana	400	S	P	X		X			X	SP	20-35	20-35	DB	M/C	YE	Y				Y	M	M	M	M	PS	M/S	
Yellowwood, American	Cladrastis kentuckea	900	M	L	X		X				U	30-50	40-50	DB	M/C	YE	W				N	M	M	M	M	PS	P/A	
Zelkova, Japanese	Zelkova serrata	1600	L	L			X	X		O	U	40-80	30-75	DB	M	RE	I				N	M	M	M	H	FS	n/a	X