

Tough Native Trees for urban sites suggested by Trees Atlanta, February 2009
 Trees Atlanta, 225 Chester Avenue Atlanta Georgia 30316 , Treesatlanta.org

A = can be used under power lines (not Georgia Power standards) - * Georgia Power Standard
 B = can work in 3-ft-wide planting strip
 C = can be in planting strips 3 ft or greater in width
 D = can work in 3 ft x 6 ft tree well
 E = 4 ft x 8 ft or larger well recommended

The toughest trees for downtown Streets, Trees Atlanta tested	A	B	C	D	E	Notes
<i>Carpinus caroliniana</i> ‘Palisades’ American hornbeam	Yes	Yes	Yes	Yes	Yes	Has difficulty with heat, but this is being touted as the best native selection
<i>Fraxinus pennsylvanica</i> ‘Georgia Gem’ Green Ash	No	No	Yes	No	Yes	‘Georgia Gem’ is best selection at this time
<i>Juniperus virginiana</i> Eastern Red Cedar	No	No	Yes	No	Yes	Evergreen; good if screening or winter color desired. Historically used to line streets
<i>Liquidambar styraciflua</i> ‘Cherokee’ Sweet Gum	No	No	Yes	No	Yes	Mostly fruitless
<i>Magnolia grandiflora</i> ‘Alta’ Southern Magnolia	No	No	Yes	No	No	Drops leaves and fruit so best not next to sidewalks
<i>Magnolia grandiflora</i> ‘Little Gem’ Dwarf Southern Magnolia	No	No	Yes	No	No	Drops leaves and fruit so best not next to sidewalks
<i>Pinus taeda</i> Loblolly Pine	No	Maybe	Yes	Maybe	Yes	
<i>Quercus lyrata</i> ‘Highbeam’ Overcup Oak	No	No	Yes > 5 ft	No	No	Acorns are very large and may be a nuisance
<i>Quercus nuttallii</i> ‘Highpoint’ Nuttall Oak	No	No	Yes > 5 ft	No	No	
<i>Quercus phellos</i> ‘Hightower’ Willow Oak	No	No	Yes > 5 ft	No	No	
<i>Ulmus americana</i> ‘Princeton’ American Elm	No	No	Yes	No	Yes	Cultivar ‘Princeton’ is our 1 st choice
<i>Ulmus americana</i> ‘Creole Queen’ American Elm	No	No	Yes	No	Yes	A southern selection Dutch Elm resistance unknown

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Urban sites but in parks/cooler situation	A	B	C	D	E	Notes
<i>Acer barbatum</i> (<i>A. floridanum</i>) Southern Sugar or Florida Maple	No	Yes	Yes	Yes	Yes	Thin Bark, reflected heat rough on maples
<i>Acer rubrum</i> ‘October Glory’ ‘Bowhall’ Red Maple	No	No	Yes	No	Yes	Heat-tolerant selections recommended, dependable good fall color
<i>Betula nigra</i> ‘Dura-Heat’ River Birch	No	No	Yes > 5 ft	No	Yes	
<i>Cercis canadensis</i> Eastern Redbud	Yes	Yes	Yes	Marginal	Yes	Needs some shade. Cultivar ‘Oklahoma’ may tolerate more heat.
<i>Magnolia virginiana</i> Sweetbay Magnolia	Maybe	No	Yes	No	Yes	Semi-evergreen fairly tough slow grower
<i>Nyssa sylvatica</i> ‘Wildfire’ ‘Forum’ Blackgum or Tupelo	No	No	Yes	No	Yes	Another Recommend cultivar ‘Forum’ Not seen in tree wells we are testing it
<i>Ostrya virginiana</i> Hophornbeam	No	Yes	Yes	Yes	No	Heat tolerant and drought tolerant. Pollution?
<i>Quercus georgiana</i> Georgia Oak	Yes	No	Yes	No	Yes	Pollution and poor drainage tolerance unknown
<i>Quercus michauxii</i> Swamp Chestnut Oak	No	No	Yes > 5 ft	No	Yes	
<i>Quercus pagodifolia</i> Cherrybark Oak	No	No	Yes > 5 ft	No	Yes	
<i>Quercus shumardii</i> ‘Panache’ Shumard Oak	No	No	Yes > 5 ft	No	Yes	Moderate to fast growth
<i>Taxodium ascendens</i> Pondcypress	No	Yes	Yes	Yes	Yes	
<i>Taxodium distichum</i> Baldecypress	No	No	Yes	No	yes	

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Urban Neighborhood Street Trees	A	B	C	D	E	Notes
<i>Amelanchier arborea</i> ' Autumn Brilliance'	Yes*	No	Yes	No	Yes	Several varieties and hybrids ' Autumn Brilliance' is doing well. Good for birds.
<i>Acer leucoderme</i> Chalk or Chalkbark Maple	Yes	Yes	Yes	no	yes	Needs some shade and lots of pruning.
<i>Chionanthus virginicus</i> Fringe-tree	Yes*	No	Yes	No	No	Too bushy for most street situations
<i>Crataegus viridis</i> 'Winter King' Winter King Hawthorn	Yes	Yes	Yes	No	Yes	Drought makes it more susceptible to pest and disease
<i>Halesia diptera</i>	Yes	Yes	Yes	No	No	Prefer light shade in drainage
<i>Hamamelis virginiana</i> Witch hazel	Yes*	No	Yes	No	No	
<i>Liriodendron tulipifera</i> Yellow poplar, Tulip poplar	No	No	Yes	No	No	
<i>Pinus glabra</i> Spruce Pine	No	No	Yes	No	No	
<i>Pinus virginiana</i> Virginia Pine	No	Maybe	Yes	No	No	
<i>Quercus coccinea</i> Scarlet oak	No	No	Yes	No	No	Needs good drainage, drought tolerant once established, moderate to fast growth, great fall color
<i>Quercus rubra</i> Northern Red Oak	No	No	No	No	No	Recommend planting only where larger soil area, good soils and good drainage
<i>Ulmus alata</i> Winged Elm	No	Maybe	Yes	Maybe	Yes	More resistant to Dutch Elm Disease than the American Elm – smaller stature
Urban Yard Trees						
<i>Cornus florida x kousa</i> hybrids Hybrid Dogwood	Yes	No	Yes	No	No	More heat and disease resistant than common flowering dogwood
<i>Fagus grandifolia</i> American Beech	No	No	Yes	No	No	Recommend where larger area of good soils and good drainage, low heat env.
<i>Quercus alba</i> White Oak	No	No	Yes >7'	No	No	Recommend planting only where larger soil area, good soils and good drainage. 2009 GNPS Plant of the Year.