



CITY OF ATLANTA TREE PLANTING LIST

In alphabetical order by common name, followed by botanical name

Tree planting requirements when seeking recompense credit: overstory or mid-canopy species unless site conditions do not provide space for these trees; saplings must have 2.5-inch minimum caliper; and recompense credit for species not on the list below requires City arborist approval.

Note: We recommend planting trees native to the Piedmont region (which includes Atlanta) wherever possible, particularly in larger yards, public greenspaces, etc. native trees (marked with asterisk on list below) are adapted to local growing conditions and ecosystems and often perform best over the long run. The list also includes many non-native tree species that are adapted well to this area and the stresses of urban environments. Exotic trees that exhibit invasive properties and are known to compete with native species will not be approved for recompense credit. The best approach for selecting a tree to plant is to evaluate sunlight, soil volume and quality, water sources, and other physical conditions of the site.

OVERSTORY TREES (>= 1,600 sq. ft. of canopy at maturity): Overstory trees typically reach a diameter-at-breast-height (DBH) greater than 25 inches and a height greater than 60 feet at maturity.

Required spacing: minimum **35 feet on center** between both existing and replacement trees in this category.

- *Basswood, white *Tilia heterophylla*
- *Beech, American *Fagus grandifolia*
- *Elm, American *Ulmus americana*
- *Elm, Slippery *Ulmus rubra*
- Ginkgo, *Ginkgo biloba* (male only)
- *Hackberry, Common *Celtis occidentalis*
- *Hackberry, Georgia *Celtis tenuifolia*
- *Hickory, Bitternut *Carya cordiformis*
- *Hickory, Mockernut *Carya tomentosa*
- *Hickory, Pignut *Carya glabra*
- *Hickory, Sand *Carya pallida*
- *Hickory, Shagbark *Carya ovata*
- *Hickory, Southern Shagbark *Carya ovata var. australis*
- *Oak, Black *Quercus velutina*
- *Oak, Chestnut *Quercus prinus*
- *Oak, Northern Red *Quercus rubra*
- *Oak, Nuttall *Quercus nuttalli*
- Oak, Oglethorpe *Quercus oglethorpensis*
- *Oak, Overcup *Quercus lyrata*
- *Oak, Post *Quercus stellata*
- *Oak, Scarlet *Quercus coccinea*
- *Oak Shumard *Quercus shumardii*
- *Oak, Southern Red *Quercus falcata*
- Oak, Swamp Chestnut *Quercus michauxii*
- Oak, Swamp White *Quercus bicolor*
- *Oak, White *Quercus alba*
- *Oak, Willow *Quercus phellos*
- Pecan *Carya illinoensis*
- *Tulip Poplar *Liriodendron tulipifera*
- *Sugarberry *Celtis laevigata*
- *Sweetgum *Liquidambar styraciflua*
- *Sycamore *Platanus occidentalis* (not drought tolerant)
- *Walnut *Juglans nigra*

* Asterisk denotes tree is native to the Piedmont region of Georgia (which includes Atlanta).

MID-STORY/MID-CANOPY TREES (approx. 900 sq. ft. of canopy at maturity): *Mid-canopy trees typically reach a diameter-at-breast-height (DBH) of 10 - 25 inches and a height of 30 - 60 feet at maturity.*

Required spacing: minimum 25 feet on center between both existing and replacement trees in this category.

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| *American Hophornbeam <i>Ostrya virginiana</i> | *Persimmon, Common <i>Diospyros virginiana</i> |
| Baldcypress <i>Taxodium distichum</i> | *Pine, Virginia <i>Pinus virginiana</i> |
| *Blackgum (Tupelo) <i>Nyssa sylvatica</i> | Pond Cypress, <i>Taxodium ascendens</i> |
| Dawn Redwood <i>Metasequoia glyptostroboides</i> | Poplar, White <i>Populus alba</i> |
| *Hornbeam, American. (Ironwood) | *River Birch <i>Betula nigra</i> |
| <i>Carpinus caroliniana</i> | *Sourwood <i>Oxydendrum arboreum</i> |
| Pagodatree <i>Styphnolobium japonica</i> | *Sugarberry <i>Celtis laevigata</i> |
| *Maple, Red <i>Acer rubrum</i> | *Water hickory <i>Carya aquatic</i> |
| *Maple, Southern Sugar <i>Acer barbatum</i> | *Water Tupelo, <i>Nyssa aquatica</i> |
| *Mulberry, Red <i>Morus rubra</i> | *Winged Elm <i>Ulmus alata</i> |
| *Oak, Chinkapin <i>Quercus myehlenbergi</i> | *Willow, Black <i>Salix nigra</i> |
| Oak, English <i>Quercus robur</i> | *Yellowwood, American <i>Cladrastis kentukea</i> |
| Osage Orange <i>Maclura pomifera</i> 'Whiteshield' | |

UNDERSTORY AND ORNAMENTAL TREES (approx. 400 sq. ft. of canopy at maturity): *Understory trees typically reach a diameter-at-breast-height (dbh) of <=15 inches and a height of 30 feet or less at maturity.*

Required spacing: minimum 15 feet on center between both existing and replacement trees in this category.

*Recompense credit is permitted for these trees **only** where site conditions do not allow the planting of overstory or mid-canopy trees.*

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| Buckeye, Red <i>Aesculus pavia</i> | *Maple, Chalk <i>Acer leucoderme</i> |
| Crapemyrtle, <i>Lagerstroemia sp.</i> See list of cultivars below. | Maple, Japanese <i>Acer palmatum cvs,</i>
<i>(cultivar must reach 20'</i>
<i>and must be specified on plan)</i> |
| *Dogwood, Flowering <i>Cornus florida</i> | Maple, Trident <i>Acer buergeranum</i> |
| Dogwood, Kousa <i>Cornus kousa</i> | *Paw Paw <i>Asimina triloba</i> |
| *Dogwood, Swamp <i>Cornus foemina</i> | *Oak, Georgia <i>Quercus georgiana</i> |
| *Fringe tree, Grancy greybeard | *Redbud, Eastern <i>Cercis Canadensis</i> |
| <i>Chionanthus virginicus</i> | *Sassafras <i>Sassafras albidum</i> |
| *Magnolia, Bigleaf <i>Magnolia macrophylla</i> | *Silverbell <i>Halesia Carolina</i> <i>(prefers moist areas)</i> |
| Magnolia, Saucer Japanese | *Serviceberry <i>Amelanchier arborea</i> |
| <i>Magnolia x soulangiana</i> | |

Crapemyrtle's will only be accepted if the following are met:

- Must have only one trunk(standard)
- 2.5" caliper
- Selected from the list of cultivars below.
 - Wichita
 - Choctaw
 - Biloxi
 - Muskogee
 - Natchez
 - Fantasy
 - Other cultivars require approval by Arborist Plan Reviewer

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PLANTING RECOMMENDATIONS FOR SPECIFIC LOCATIONS:

(Many trees below also are listed above; some are added because of their tolerance for challenging locations.)

EVERGREEN SCREENING TREES (very small canopy at maturity): Per ordinance, spacing requirement is 15 feet on center, between both existing and replacement trees. Screening trees are eligible for recompense credit (based on 15 ft. spacing) **ONLY** where site conditions do not allow planting of overstory or mid-canopy trees.

- *Holly, American *Ilex opaca*
- Holly, Fosters *Ilex x attenuata 'Fosteri'*
- Holly, Savannah *Ilex x attenuata 'Savannah'*
- Holly, Yaupon *Ilex vomitor*
- Sweetbay Magnolia *Magnolia virginiana*
- *Redcedar, Eastern *Juniperus virginiana*
- *Pine, Virginia *Pinus Virginia*,

COLUMNAR TREES FOR NARROW SPACES: (Various canopy sizes with columnar growth patterns).

- Bald Cypress *Taxodium distichum*
- Dawn Redwood *Metasequoia glyptostroboides*
- Deodar cedar *Cedrus deodara*
- English Oak *Quercus robur 'Rose Hill'*
- European Hornbeam
- Hornbeam betulus 'Fastigiata'*
- Osage Orange *Maclura pomifera 'Whiteshield'*
- * Redcedar, Eastern *Juniperus virginiana*

TREES SUITABLE FOR DETENTION PONDS AND WETLANDS:

(See categories above for size of tree.)

- Bald Cypress *Taxodium distichum*
- * Blackgum, Tupelo *Nyssa sylvatica, Nyssa aquatica*
- Dawn Redwood *Metasequoia glyptostroboides*
- * Ironwood *Carpinus caroliniana*
- *Red Maple *Acer rubrum*
- Sweetbay Magnolia *Magnolia virginiana*
- *Water Hickory *Carya aquatic*
- *Dogwood, Swamp *Cornus foemina*

TREES SUITABLE FOR ROAD FRONTAGE AND PARKING LOTS:

Overstory

- *Basswood, white *Tilia heterophylla*
- *Oak, Georgia *Quercus georgiana*
(soil area >5 ft. wide)
- *Oak, Nuttall *Quercus nuttalli* (soil area >5 ft. wide)
- *Oak, Overcup *Quercus lyrata*
(soil area >5 ft. wide)
- *Oak Shumard *Quercus shumardii*
(soil area > 5 ft. wide)
- *Oak, Willow *Quercus phellos*
(soil area >5 ft. wide)
- *Sweetgum *Liquidambar styraciflua 'Rotundiloba'*
(fruitless)
- *Hornbeam, American (Ironwood, Musclemwood)
Carpinus caroliniana
- *Maple, Red *Acer rubrum*
- *Maple, Southern Sugar *Acer barbatum*
- *Redcedar, Eastern *Juniperus virginiana*
- *Sugarberry *Celtis laevigata*

Midstory

- Baldcypress *Taxodium distichum*
- *Blackgum (Tupelo) *Nyssa sylvatica*
- *Hophornbeam *Ostrya virginiana*

Understory

(Understory trees do not meet parking lot planting Requirements, but are suitable for road frontage when t overhead power lines.

- Crapemyrtle *Lagerstroemia indica* (Single stem,
see page 2 for approved cultivars)
- *Maple, Trident *Acer buergerianum*
- *Maple, Chalk *Acer leucoderme*,
(frontage only; parking lots too hot)
- Parrotia, Persian *Parrotia persica*
- *Redbud, Eastern *Cercis canadensis*
- *Serviceberry *Amelanchier arborea* or *laevis*

TREES SUITABLE TO BE PLANTED BELOW OVERHEAD POWER LINES:

- Crapemyrtle, *Lagerstroemia sp.*
(see approved cultivar list page 2.)
- Fringetree, *Chionanthus virginicus*
- Redbud, *Cercis canadensis*
- Saucer Magnolia, *Magnolia x soulangeana*
- * Serviceberry, *Amalanchier arborea*
- Trident Maple, *Acer buergerianum*

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