

# Master Tree List

| Genus                 | Species             | Common Name            | Type                  | Mature size (WxH) | Minimum Spacing (Ft.) Along streets | Growth Rate | Light                | Street Tree | Pollution Resistant | Limit Use | Powerline Compatible | Native to region | Visual Attraction                        | Wildlife value | Shade Tree | Suggested Cultivars                            | Notes for use/Disease susceptibility   |
|-----------------------|---------------------|------------------------|-----------------------|-------------------|-------------------------------------|-------------|----------------------|-------------|---------------------|-----------|----------------------|------------------|--|----------------|------------|--|--|
| <i>Acer</i>           | <i>griseum</i>      | Paperbark maple        | Deciduous small tree  | 15x20             | 15                                  | Slow        | Full to partial sun  | ✓           |                     |           | ✓                    |                  | Attractive bark                          | None           |            |  | Single-trunked for street trees, multi-trunk in large plantings  |
| <i>Acer</i>           | <i>negundo</i>      | Boxelder               | Deciduous canopy tree | 40x50             |                                     | Fast        | Full to partial sun  |             |                     |           |                      | ✓                | Striking fall color                      | Moderate       | ✓          |  | Susceptible to limb breakage. Use for restoration or open areas. Great for stream restoration  |
| <i>Acer</i>           | <i>rubrum</i>       | Red maple              | Deciduous canopy tree | 40x35             | 20                                  | Fast        | Full to partial sun  | ✓           |                     | X         |                      | ✓                | Striking fall color                      | Moderate       | ✓          | Brandywine, October Glory, Red Sunset, Bowhall | Can have issues with girdling roots. Prefers a wet environment. Limit use due to overplanting  |
| <i>Aesculus</i>       | <i>pavia</i>        | Red buckeye            | Deciduous small tree  | 15x20             | 15                                  | Medium      | Full to partial sun  | ✓           |                     |           | ✓                    |                  | Prominent red flowers                    | Low            |            |  |  |
| <i>Amelanchier</i>    | <i>arborea</i>      | Downy serviceberry     | Deciduous small tree  | 20x25             | 15                                  | Slow        | Partial sun to shade | ✓           | ✓                   |           | ✓                    | ✓                | White flowers                            | Moderate       |            |  | Single-trunked for street trees, multi-trunk in large plantings. Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.  |
| <i>Amelanchier</i>    | <i>canadensis</i>   | Shadblow serviceberry  | Deciduous small tree  | 15x20             | 15                                  | Slow        | Partial sun to shade | ✓           | ✓                   |           | ✓                    | ✓                | White flowers                            | Moderate       |            |  | Single-trunked for street trees, multi-trunk in large plantings. Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health. X grandiflora 'Autumn brilliance', a hybrid with A. laevis is also acceptable, and may be more formal. |
| <i>Amelanchier</i>    | <i>laevis</i>       | Allegheny serviceberry | Deciduous small tree  | 15x30             |                                     | Slow        | Partial sun to shade |             | ✓                   |           | ✓                    | ✓                | White flowers                            | Moderate       |            |  | Single-trunked for street trees, multi-trunk in large plantings. Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.  |
| <i>Asimina</i>        | <i>triloba</i>      | Pawpaw                 | Deciduous medium tree | 35x35             |                                     | Slow        | Full sun             |             |                     |           | ✓                    | ✓                | Large leaves, red flowers, large fruit   | High           | ✓          |  | Edible fruit. Must be pollinated from a different tree to bear fruit   |
| <i>Betula</i>         | <i>nigra</i>        | River Birch            | Deciduous medium tree | 40x40             | 15                                  | Fast        | Full sun to shade    | ✓           | ✓                   |           |                      | ✓                | Attractive bark                          | High           | ✓          |  | Single-trunked for street trees, multi-trunk in large plantings  |
| <i>Carpinus</i>       | <i>betulus</i>      | European hornbeam      | Deciduous medium tree | 40x20             | 15                                  | Slow        | Partial sun to shade | ✓           |                     | X         |                      |                  | Attractive bark                          | None           | ✓          | Fastigiata                                     | Limit use outside of formal landscapes, due to low heat tolerance  |
| <i>Carpinus</i>       | <i>caroliniana</i>  | American hornbeam      | Deciduous small tree  | 20x30             | 15                                  | Slow        | Partial sun to shade | ✓           |                     |           | ✓                    | ✓                | Attractive bark                          | High           |            |  |  |
| <i>Carya</i>          | <i>cordiformes</i>  | Bitternut hickory      | Deciduous canopy tree | 30x50             | 20                                  | Slow        | Full sun             | ✓           |                     |           |                      | ✓                | Large fruit                              | High           | ✓          |  | Must be transplanted at very young age and size  |
| <i>Carya</i>          | <i>glabra</i>       | Pignut hickory         | Deciduous canopy tree | 30x50             |                                     | Slow        | Full sun to shade    |             |                     |           |                      | ✓                | Large fruit                              | High           | ✓          |  | Must be transplanted at very young age and size  |
| <i>Carya</i>          | <i>illinoensis</i>  | Pecan                  | Deciduous canopy tree | 30x50             |                                     | Slow        | Full sun             |             |                     |           |                      |                  | Large fruit                              | Moderate       | ✓          |  | Edible fruit.  |
| <i>Carya</i>          | <i>ovata</i>        | Shagbark hickory       | Deciduous canopy tree | 25x60             | 20                                  | Slow        | Full sun             | ✓           | ✓                   |           |                      | ✓                | Large fruit                              | High           | ✓          |  | Must be transplanted at very young age and size  |
| <i>Carya</i>          | <i>tomentosa</i>    | Mockernut hickory      | Deciduous canopy tree | 30x50             |                                     | Slow        | Full sun             |             |                     |           |                      | ✓                | Large fruit                              | High           | ✓          |  | Must be transplanted at very young age and size  |
| <i>Castanea</i>       | <i>pumila</i>       | Chinquapin             | Deciduous small tree  | 12x20             |                                     | Slow        | Full to partial sun  |             |                     |           | ✓                    | ✓                | Edible spiky fruit                       | High           |            |  | More resistant to Chestnut blight than related American Chestnut. Fruit also edible.   |
| <i>Catalpa</i>        | <i>speciosa</i>     | Catalpa                | Deciduous canopy tree | 60x40             |                                     | fast        | Full to partial sun  |             | ✓                   |           |                      |                  | White flowers, large heart-shaped leaves | Low            | ✓          |  | Use for specimen tree. Can be somewhat messy.  |
| <i>Cedrus</i>         | <i>atlantica</i>    | Blue atlas cedar       | Evergreen canopy tree | 30x40             |                                     | Slow        | Full sun             |             | ✓                   |           |                      |                  | Evergreen with blue needles              | None           | ✓          |  | Must be transplanted at very young age and size  |
| <i>Cedrus</i>         | <i>deodara</i>      | Deodar cedar           | Evergreen canopy tree | 30x40             |                                     | Medium      | Full sun             |             |                     |           |                      |                  | Evergreen                                | None           | ✓          |  |  |
| <i>Cedrus</i>         | <i>libani</i>       | Cedar of lebanon       | Evergreen canopy tree | 30x40             |                                     | Medium      | Full sun             |             |                     |           |                      |                  | Evergreen                                | None           | ✓          |  |  |
| <i>Celtis</i>         | <i>laevigata</i>    | Sugar hackberry        | Deciduous canopy tree | 40x50             | 25                                  | Fast        | Full to partial sun  | ✓           | ✓                   |           |                      | ✓                | Attractive bark                          | High           | ✓          |  |  |
| <i>Celtis</i>         | <i>occidentalis</i> | Common hackberry       | Deciduous canopy tree | 40x50             | 25                                  | Fast        | Full to partial sun  | ✓           | ✓                   |           |                      | ✓                | Attractive bark                          | High           | ✓          |  |  |
| <i>Cephalanthus</i>   | <i>occidentalis</i> | Buttonbush             | Deciduous small tree  | 12X12             |                                     | Slow        | Full sun to shade    |             | ✓                   |           | ✓                    | ✓                | Round white flowers                      | High           |            |  |  |
| <i>Cercidiphyllum</i> | <i>japonicum</i>    | Katsuratree            | Deciduous medium tree | 40x35             | 25                                  | Medium      | Full sun to shade    | ✓           |                     |           |                      |                  | Year-round color                         | None           | ✓          |  |  |
| <i>Cercis</i>         | <i>canadensis</i>   | Eastern redbud         | Deciduous small tree  | 20x20             | 15                                  | Medium      | Partial sun to shade | ✓           |                     |           | ✓                    | ✓                | Purple flowers                           | Moderate       |            |  | Single-trunked for street trees, multi-trunk in large plantings. Can form damaging cankers, which can be controlled by selective pruning.  |
| <i>Chamaecyparis</i>  | <i>thyoides</i>     | Atlantic whitecedar    | Evergreen canopy tree | 20x50             |                                     | Medium      | Partial sun to shade |             |                     |           |                      | ✓                | Evergreen, blue fruit                    | Moderate       | ✓          |  |  |
| <i>Chionanthus</i>    | <i>virginicus</i>   | White fringetree       | Deciduous small tree  | 10x15             | 15                                  | Slow        | Full to partial sun  | ✓           |                     |           | ✓                    | ✓                | White flowers                            | Moderate       |            |  | Susceptible to Emerald Ash Borer   |
| <i>Cladastris</i>     | <i>kentukea</i>     | American yellowwood    | Deciduous medium tree | 40x30             |                                     | Medium      | Full sun             |             |                     |           |                      |                  | Yellow flowers                           | Low            | ✓          |  |  |
| <i>Cornus</i>         | <i>alternifolia</i> | Pagoda dogwood         | Deciduous small tree  | 15x15             |                                     | Medium      | Partial sun to shade |             |                     |           | ✓                    | ✓                | White flowers                            | High           |            |  | Susceptible to dogwood anthracnose, which can be prevented by regular watering during dry times  |
| <i>Cornus</i>         | <i>florida</i>      | Flowering dogwood      | Deciduous small tree  | 20x30             |                                     | Medium      | Partial shade        |             |                     |           | ✓                    | ✓                | White flowers                            | High           |            | Stellar, Rutgers                               | Susceptible to dogwood anthracnose, which can be prevented by regular watering during dry times  |
| <i>Cornus</i>         | <i>kousa</i>        | Kousa dogwood          | Deciduous small tree  | 15x20             | 15                                  | Medium      | Full sun to shade    | ✓           |                     |           | ✓                    |                  | White flowers                            | None           |            |  | Single-trunked for street trees, multi-trunk in large plantings  |
| <i>Corylus</i>        | <i>americana</i>    | American hazelnut      | Deciduous small tree  | 25x30             |                                     | Slow        | Partial shade        |             |                     |           | ✓                    | ✓                | Pale catkins                             | Moderate       |            |  |  |
| <i>Cotinus</i>        | <i>obovatus</i>     | American smoketree     | Deciduous small tree  | 15x20             | 15                                  | Slow        | Full sun             | ✓           |                     |           | ✓                    |                  | Fluffy white flowers                     | Moderate       |            |  | Single-trunked for street trees, multi-trunk in large plantings  |
| <i>Crataegus</i>      | <i>crus-galli</i>   | Cockspur hawthorn      | Deciduous small tree  | 25x25             |                                     | Slow        | Full sun             |             | ✓                   |           | ✓                    | ✓                | White flowers                            | High           |            |  | Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.   |
| <i>Crataegus</i>      | <i>phaenopyrum</i>  | Washington hawthorn    | Deciduous small tree  | 20x30             | 15                                  | Medium      | Full sun to shade    | ✓           |                     |           | ✓                    | ✓                | White flowers                            | Moderate       |            |  | Single-trunked for street trees, multi-trunk in large plantings. Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.  |
| <i>Crataegus</i>      | <i>viridis</i>      | Green hawthorn         | Deciduous small tree  | 20x30             | 15                                  | Slow        | Partial sun to shade | ✓           | ✓                   |           | ✓                    | ✓                | White flowers, striking fall color       | Moderate       |            | Winter King                                    | Single-trunked for street trees, multi-trunk in large plantings. Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.  |
| <i>Cryptomeria</i>    | <i>japonica</i>     | Cryptomeria            | Evergreen canopy tree | 15x50             |                                     | Slow        | Full sun to shade    |             |                     |           |                      |                  | Evergreen, unusual needles               | None           | ✓          |  | Susceptible to leaf blight in north-facing areas   |
| <i>Diospyros</i>      | <i>virginiana</i>   | Common persimmon       | Deciduous medium tree | 20x30             |                                     | Medium      | Full sun to shade    |             | ✓                   |           |                      | ✓                | Attractive Fruit and creamy whiteflowers | High           | ✓          |  |  |
| <i>Fagus</i>          | <i>grandifolia</i>  | American beech         | Deciduous canopy tree | 40x50             |                                     | Medium      | Full to partial sun  |             |                     |           |                      | ✓                | Attractive smooth bark                   | High           | ✓          |  | Needs very well-drained, uncompacted soils   |

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|---------------------|-------------------------|----------------------|-----------------------|-------------------|-------------------------------------|-------------|----------------------|-------------|---------------------|-----------|----------------------|------------------|---|----------------|------------|-------------------------------|--|
| <i>Ginkgo</i>       | <i>biloba</i>           | Ginkgo               | Deciduous canopy tree | 50x50             | 20                                  | Slow        | Full sun             | ✓           | ✓                   |           |                      |                  | Striking fall color                     | None           | ✓          | Autumn Gold, Princeton Sentry | Male only  |
| <i>Gleditsia</i>    | <i>triacanthos</i>      | Honeylocust          | Deciduous canopy tree | 30x35             | 20                                  | Fast        | Full sun             | ✓           | ✓                   |           |                      |                  | White clustered flowers. Large seedpods | Moderate       | ✓          | Inermis                       | Vulnerable to nectria canker   |
| <i>Gymnocladus</i>  | <i>dioicus</i>          | Kentucky coffeetree  | Deciduous canopy tree | 40x50             | 20                                  | Medium      | Full sun             | ✓           | ✓                   |           |                      |                  | Attractive bark                         | None           | ✓          |                               |  |
| <i>Halesia</i>      | <i>carolina</i>         | Carolina Silverbell  | Deciduous small tree  | 15x30             | 15                                  | Medium      | Full to partial sun  | ✓           |                     |           | ✓                    |                  | white bell flowers                      | Moderate       |            |                               | Single-trunked for street trees, multi-trunk in large plantings  |
| <i>Ilex</i>         | <i>Opaca</i>            | American holly       | Evergreen medium tree | 15x40             |                                     | Slow        | Full to partial sun  |             | ✓                   |           |                      | ✓                | Attractive winter berries               | Moderate       | ✓          |                               | Single-trunked for street trees, multi-trunk in large plantings  |
| <i>Ilex</i>         | <i>x attenuata</i>      | Foster's holly       | Evergreen small tree  | 8x20              |                                     | Slow        | Full to partial sun  |             | ✓                   |           | ✓                    |                  | Attractive winter berries               | Low            |            | Fosteri, Savannah             |  |
| <i>Juglans</i>      | <i>nigra</i>            | Black Walnut         | Deciduous canopy tree | 60x60             |                                     | Medium      | Full sun             |             | ✓                   |           |                      | ✓                | Large fruit                             | High           | ✓          |                               | Will kill some plants beneath it. Specimen tree use only. Susceptible to Thousand canker disease. Must be transplanted at very young age and size. |
| <i>Juniperus</i>    | <i>virginiana</i>       | Eastern redcedar     | Evergreen medium tree | 15x40             | 15                                  | Fast        | Full sun             | ✓           | ✓                   |           | ✓                    | ✓                | Evergreen                               | High           |            |                               | Susceptible to cedar-apple rust, which does not affect the overall health of the tree. Can be used as a street tree if limbed up properly          |
| <i>Liquidambar</i>  | <i>styraciflua</i>      | Sweetgum             | Deciduous canopy tree | 60x50             | 20                                  | Medium      | Full to partial sun  | ✓           |                     |           |                      | ✓                | Striking fall color                     | Moderate       | ✓          |                               | Use only fruitless varieties as street tree. Roots may be aggressive   |
| <i>Liriodendron</i> | <i>tulipifera</i>       | Tuliptree            | Deciduous canopy tree | 25x80             |                                     | Medium      | Full to partial sun  |             |                     | X         |                      | ✓                | Tulip-shaped flowers and leaves         | High           | ✓          |                               | Provide significant root space for this tree. Limit use due to hazard issues.  |
| <i>Maclura</i>      | <i>pomifera</i>         | Osage orange         | Deciduous canopy tree | 30x30             |                                     | Fast        | Full to partial sun  |             | ✓                   |           |                      |                  | Large yellow fruit                      | Low            | ✓          |                               | Large fruit can be a nuisance. Plant in large open spaces.   |
| <i>Magnolia</i>     | <i>acuminata</i>        | Cucumbertree         | Deciduous canopy tree | 50x60             |                                     | Fast        | Full sun             |             |                     |           |                      | ✓                | White flowers                           | Moderate       | ✓          |                               |  |
| <i>Magnolia</i>     | <i>grandiflora</i>      | Southern magnolia    | Evergreen canopy tree | 30x70             |                                     | Medium      | Full to partial sun  |             | ✓                   |           |                      |                  | White flowers                           | Low            | ✓          |                               | 'Little Gem' can be used under power lines   |
| <i>Magnolia</i>     | <i>stellata</i>         | Star magnolia        | Deciduous small tree  | 10x20             |                                     | Slow        | Partial shade        |             |                     |           | ✓                    |                  | White flowers                           | None           |            |                               |  |
| <i>Magnolia</i>     | <i>virginiana</i>       | Sweetbay magnolia    | Evergreen small tree  | 20x40             | 15                                  | Medium      | Full to partial sun  | ✓           |                     |           | ✓                    | ✓                | White flowers                           | High           |            |                               | Semi-evergreen, depending on the local heat regime. "Henry Hicks" can be used under power lines. Single stem only for street trees.                |
| <i>Magnolia</i>     | <i>x Galaxy</i>         | Galaxy magnolia      | Deciduous small tree  | 20x30             | 15                                  | Medium      | Full sun             | ✓           | ✓                   |           | ✓                    |                  | Dark red purple flowers                 | None           |            |                               | Perfect for narrow, small plantings  |
| <i>Magnolia</i>     | <i>x soulangiana</i>    | Saucer magnolia      | Deciduous medium tree | 20-30             |                                     | Medium      | Full sun             |             |                     |           | ✓                    |                  | Pink flowers                            | None           |            |                               |  |
| <i>Malus</i>        | <i>angustifolia</i>     | Southern crabapple   | Deciduous small tree  | 15x25             |                                     | Slow        | Full sun             |             |                     |           | ✓                    | ✓                | White flowers                           | High           |            |                               | Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.   |
| <i>Malus</i>        | <i>coronaria</i>        | Sweet crabapple      | Deciduous small tree  | 15x25             |                                     | Slow        | Full sun             |             | ✓                   |           | ✓                    | ✓                | White flowers                           | High           |            |                               | Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.   |
| <i>Metasequoia</i>  | <i>glyptostroboides</i> | Dawn redwood         | Deciduous canopy tree | 60x25             |                                     | Fast        | Full sun             |             |                     |           |                      |                  | Deciduous conifer                       | None           | ✓          |                               |  |
| <i>Morus</i>        | <i>rubra</i>            | Red mulberry         | Deciduous canopy tree | 30x35             |                                     | Medium      | Full to partial sun  |             |                     |           |                      | ✓                | White flowers and edible fruit          | Moderate       | ✓          |                               | Do not confuse with <i>Morus alba</i> (White mulberry), which is an invasive plant   |
| <i>Nyssa</i>        | <i>sylvatica</i>        | Black tupelo         | Deciduous canopy tree | 30x25             | 20                                  | Slow        | Full to partial sun  | ✓           | ✓                   |           |                      | ✓                | Striking fall color                     | High           | ✓          |                               |  |
| <i>Ostrya</i>       | <i>virginiana</i>       | Eastern hophornbeam  | Deciduous canopy tree | 25x25             | 20                                  | Slow        | Partial sun to shade | ✓           | ✓                   |           |                      | ✓                | Hop-shaped fruit                        | Moderate       | ✓          |                               |  |
| <i>Oxydendrum</i>   | <i>arboreum</i>         | Sourwood             | Deciduous small tree  | 25X20             | 15                                  | Slow        | Full to partial sun  | ✓           |                     |           | ✓                    | ✓                | Panicled white flowers                  | Moderate       |            |                               |  |
| <i>Parrotia</i>     | <i>persica</i>          | Persian parrotia     | Deciduous medium tree | 30x25             | 15                                  | Slow        | Full to partial sun  | ✓           | ✓                   |           | ✓                    |                  | Striking bark and fall color            | Low            |            |                               |  |
| <i>Picea</i>        | <i>pungens</i>          | Colorado blue spruce | Evergreen canopy tree | 10x30             |                                     | Slow        | Full to partial sun  |             | ✓                   |           |                      |                  | Evergreen with blue needles             | None           | ✓          |                               | Susceptible to cytospora canker  |
| <i>Pinus</i>        | <i>bungeana</i>         | Lacebark pine        | Evergreen canopy tree | 20x30             |                                     | Slow        | Full sun             |             |                     |           |                      |                  | Evergreen                               | None           | ✓          |                               |  |
| <i>Pinus</i>        | <i>echinata</i>         | Shortleaf pine       | Evergreen canopy tree | 35x50             |                                     | Slow        | Full sun             |             | ✓                   |           |                      | ✓                | Evergreen                               | Low            | ✓          |                               |  |
| <i>Pinus</i>        | <i>rigida</i>           | Pitch pine           | Evergreen canopy tree | 25x50             |                                     | Medium      | Full sun             |             | ✓                   |           |                      | ✓                | Evergreen                               | High           | ✓          |                               |  |
| <i>Pinus</i>        | <i>taeda</i>            | Loblolly pine        | Evergreen canopy tree | 30x60             |                                     | Fast        | Full sun             |             | ✓                   |           |                      | ✓                | Evergreen                               | High           | ✓          |                               |  |
| <i>Pinus</i>        | <i>virginiana</i>       | Virginia pine        | Evergreen canopy tree | 20x30             |                                     | Medium      | Full sun             |             |                     |           |                      | ✓                | Evergreen                               | High           | ✓          |                               |  |
| <i>Planera</i>      | <i>aquatica</i>         | Water elm            | Deciduous small tree  | 20x20             | 15                                  | Slow        | Full to partial sun  | ✓           | ✓                   |           | ✓                    |                  | Attractive bark                         | Low            |            |                               | May be very dry climate-resilient  |
| <i>Platanus</i>     | <i>occidentalis</i>     | American sycamore    | Deciduous canopy tree | 70x70             |                                     | Fast        | Full sun             | ✓           | ✓                   |           |                      | ✓                | Large leaves, interesting seeds         | Moderate       | ✓          |                               | Susceptible to anthracnose   |
| <i>Platanus</i>     | <i>x hispanica</i>      | London planetree     | Deciduous canopy tree | 70x70             | 25                                  | Fast        | Full sun             | ✓           | ✓                   | X         |                      |                  | Large leaves, interesting seeds         | Low            | ✓          | Columbia, Liberty             | Limit use due to overplanting  |
| <i>Prunus</i>       | <i>americana</i>        | American plum        | Deciduous small tree  | 20x25             |                                     | Medium      | Full to partial sun  |             |                     |           | ✓                    | ✓                | White flowers                           | High           |            |                               |  |
| <i>Prunus</i>       | <i>serotina</i>         | Black cherry         | Deciduous canopy tree | 30X50             |                                     | Fast        | Full sun             |             |                     |           |                      | ✓                | White flowers                           | High           | ✓          |                               | Susceptible to limb breakage. Use for restoration or open areas. Edible fruit  |
| <i>Prunus</i>       | <i>serrulata</i>        | Kwanzan cherry       | Deciduous small tree  | 20x20             | 15                                  | Medium      | Full sun             | ✓           |                     | X         | ✓                    |                  | Pink flowers                            | Low            |            | Kwanzan                       | Limit use due to overplanting  |
| <i>Prunus</i>       | <i>x incamp</i>         | Okame Cherry         | Deciduous small tree  | 20x20             | 15                                  | Medium      | Full sun             | ✓           |                     | X         | ✓                    |                  | Pink flowers                            | Low            |            |                               | Limit use due to overplanting  |
| <i>Prunus</i>       | <i>x yedoensis</i>      | Yoshino Cherry       | Deciduous small tree  | 35x35             | 15                                  | Medium      | Full to partial sun  | ✓           |                     | X         | ✓                    |                  | White flowers                           | Low            |            |                               | Limit use due to overplanting  |
| <i>Ptelea</i>       | <i>trifoliata</i>       | Hoptree              | Deciduous small tree  | 15x15             | 15                                  | Medium      | Full sun to shade    | ✓           | ✓                   |           | ✓                    |                  | Interesting fruit, striking fall color  | Low            |            |                               |  |
| <i>Quercus</i>      | <i>alba</i>             | White oak            | Deciduous canopy tree | 60x60             |                                     | Slow        | Full to partial sun  |             | ✓                   |           |                      | ✓                | silver-white bark                       | High           | ✓          |                               | Provide significant root space for this tree.  |
| <i>Quercus</i>      | <i>bicolor</i>          | Swamp white oak      | Deciduous canopy tree | 60x50             | 25                                  | Medium      | Full to partial sun  | ✓           | ✓                   |           |                      | ✓                | Attractive peeling bark                 | High           | ✓          |                               |  |
| <i>Quercus</i>      | <i>coccinea</i>         | Scarlet oak          | Deciduous canopy tree | 60x45             | 25                                  | Medium      | Full sun             | ✓           | ✓                   |           |                      | ✓                | Striking fall color                     | High           | ✓          |                               |  |
| <i>Quercus</i>      | <i>falcata</i>          | Southern red oak     | Deciduous canopy tree | 70x60             | 25                                  | Medium      | Full sun             | ✓           | ✓                   |           |                      | ✓                | Striking fall color                     | Low            | ✓          |                               |  |
| <i>Quercus</i>      | <i>hemisphaerica</i>    | Darlington oak       | Deciduous canopy tree | 70x50             | 25                                  | Medium      | Full sun             | ✓           |                     |           |                      |                  | Thin, sun-filtering leaves              | Moderate       | ✓          |                               |  |
| <i>Quercus</i>      | <i>imbricaria</i>       | Shingle oak          | Deciduous canopy tree | 50X60             | 25                                  | Medium      | Full sun             | ✓           |                     |           |                      | ✓                | Semi-evergreen                          | High           | ✓          |                               |  |
| <i>Quercus</i>      | <i>macrocarpa</i>       | Bur oak              | Deciduous canopy tree | 70x70             | 25                                  | Medium      | Full sun             | ✓           | ✓                   |           |                      |                  | Attractive leaves and fruit             | Moderate       | ✓          |                               |  |
| <i>Quercus</i>      | <i>marilandica</i>      | Blackjack oak        | Deciduous canopy tree | 35x35             |                                     | Slow        | Partial shade        |             |                     |           |                      | ✓                | Blocky bark                             | High           | ✓          |                               |  |
| <i>Quercus</i>      | <i>michauxii</i>        | Swamp chestnut oak   | Deciduous canopy tree | 80x90             |                                     | Medium      | Full sun             |             |                     |           |                      | ✓                | Interesting leaves                      | High           | ✓          |                               |  |

# Master Tree List

| Genus            | Species             | Common Name         | Type                  | Mature size (WxH) | Minimum Spacing (Ft.) Along streets | Growth Rate         | Light                | Street Tree | Pollution Resistant | Limit Use | Powerline Compatible | Native to region | Visual Attraction                                | Wildlife value | Shade Tree | Suggested Cultivars | Notes for use/Disease susceptibility  |
|------------------|---------------------|---------------------|-----------------------|-------------------|-------------------------------------|---------------------|----------------------|-------------|---------------------|-----------|----------------------|------------------|--|----------------|------------|---------------------|---|
| <i>Quercus</i>   | <i>montana</i>      | Chestnut oak        | Deciduous canopy tree | 60x70             |                                     | Medium              | Full sun             |             |                     |           |                      | ✓                | Silver-grey bark                                 | High           | ✓          |                     |   |
| <i>Quercus</i>   | <i>nigra</i>        | Water oak           | Deciduous canopy tree | 60x50             |                                     | Fast                | Full to partial sun  |             |                     |           |                      | ✓                | Evergreen  | Moderate       | ✓          |                     |   |
| <i>Quercus</i>   | <i>pagoda</i>       | Cherrybark oak      | Deciduous canopy tree | 70x60             |                                     | Fast                | Full sun             |             |                     |           |                      |                  | Cherry-like bark                                 | Moderate       | ✓          |                     |   |
| <i>Quercus</i>   | <i>palustris</i>    | Pin oak             | Deciduous canopy tree | 60x35             | 25                                  | Medium              | Full sun             | ✓           |                     |           |                      | ✓                | Even form, small acorns                          | High           | ✓          |                     |   |
| <i>Quercus</i>   | <i>phellos</i>      | Willow oak          | Deciduous canopy tree | 60x40             | 25                                  | Fast                | Full sun             | ✓           | ✓                   | X         |                      | ✓                | Thin, sun-filtering leaves                       | Moderate       | ✓          |                     | Limit use due to overplanting   |
| <i>Quercus</i>   | <i>robur</i>        | English oak         | Deciduous canopy tree | 40x40             | 15                                  | Medium              | Full sun             | ✓           | ✓                   |           |                      |                  | Striking fall color                              | None           | ✓          |                     | Q. bicolor x robur may be an appropriate variant  |
| <i>Quercus</i>   | <i>rubra</i>        | Northern Red oak    | Deciduous canopy tree | 60x50             | 25                                  | Fast                | Full sun             | ✓           | ✓                   |           |                      | ✓                | Striking fall color                              | High           | ✓          |                     |   |
| <i>Quercus</i>   | <i>shumardii</i>    | Shumard Oak         | Deciduous canopy tree | 60x40             | 25                                  | Fast                | Full sun             | ✓           | ✓                   |           |                      | ✓                | Striking fall color                              | High           | ✓          |                     |   |
| <i>Quercus</i>   | <i>stellata</i>     | Post oak            | Deciduous canopy tree | 35x35             | 20                                  | Medium              | Full sun             | ✓           |                     |           |                      | ✓                | Cross-shaped leaves                              | High           | ✓          |                     |   |
| <i>Quercus</i>   | <i>velutina</i>     | Black oak           | Deciduous canopy tree | 75x75             |                                     | Medium              | Full sun             |             |                     |           |                      | ✓                | Striking fall color                              | High           | ✓          |                     |   |
| <i>Rhus</i>      | <i>copallina</i>    | Winged Sumac        | Deciduous small tree  | 15x20             |                                     | Medium              | Full to partial sun  |             | ✓                   |           | ✓                    | ✓                | Striking fall color, large colored flower spikes | High           |            |                     | Spreads readily, excellent for slope control along roads.                                     |
| <i>Rhus</i>      | <i>typhina</i>      | Staghorn sumac      | Deciduous medium tree | 20x35             |                                     | Medium              | Full sun             |             | ✓                   |           |                      | ✓                | Striking fall color, large colored flower spikes | High           | ✓          |                     | Spreads readily, excellent for slope control along roads.                                     |
| <i>Robinia</i>   | <i>pseudoacacia</i> | Black locust        | Deciduous medium tree | 20x40             | 20                                  | Fast                | Full sun             | ✓           | ✓                   |           |                      | ✓                | Large clusters of white flowers                  | High           | ✓          |                     | Single stem only for street tree. Requires structural pruning.                                |
| <i>Salix</i>     | <i>nigra</i>        | Black willow        | Deciduous medium tree | 30x40             |                                     | Fast                | Full to partial sun  |             |                     |           |                      | ✓                | Slender leaves                                   | High           | ✓          |                     | Susceptible to limb breakage. Use for restoration or open areas. Great for stream restoration |
| <i>Sassafras</i> | <i>albidum</i>      | Sassafras           | Deciduous medium tree | 25x30             |                                     | Medium              | Full to partial sun  |             |                     |           |                      | ✓                | Striking fall color, variegated leaves           | High           | ✓          |                     |   |
| <i>Staphylea</i> | <i>trifolia</i>     | American bladdernut | Deciduous small tree  | 10x15             |                                     | Slow                | Partial sun to shade |             |                     |           | ✓                    | ✓                | Interesting fruit and white flowers              | Moderate       |            |                     |   |
| <i>Styrax</i>    | <i>americanus</i>   | American snowbell   | Deciduous small tree  | 15x20             |                                     | Slow                | Full to partial sun  |             |                     |           | ✓                    | ✓                | white bell flowers                               | Moderate       |            |                     |   |
| <i>Syringa</i>   | <i>reticulata</i>   | Tree Lilac          | Deciduous small tree  | 25x15             | 15                                  | Slow                | Full to partial sun  | ✓           |                     | X         | ✓                    |                  | Showy flowers                                    | None           |            |                     |   |
| <i>Taxodium</i>  | <i>ascendens</i>    | Pondcyprees         | Deciduous canopy tree | 60x25             | 20                                  | Fast                | Full sun             | ✓           | ✓                   |           |                      |                  | Deciduous conifer                                | Low            | ✓          |                     |   |
| <i>Taxodium</i>  | <i>distichum</i>    | Baldcypress         | Deciduous canopy tree | 60x25             | 20                                  | Fast                | Full sun             | ✓           | ✓                   |           |                      | ✓                | Deciduous conifer                                | Low            | ✓          |                     |   |
| <i>Thuja</i>     | <i>occidentalis</i> | Arborvitae          | Evergreen small tree  | 10x30             |                                     | Slow                | Full sun             |             |                     |           | ✓                    |                  | Evergreen  | Moderate       |            |                     |   |
| <i>Tilia</i>     | <i>americana</i>    | American Linden     | Deciduous canopy tree | 50x35             | 25                                  | Medium              | Full sun             | ✓           |                     |           |                      | ✓                | White flowers, striking fall color               | High           | ✓          |                     |   |
| <i>Tilia</i>     | <i>cordata</i>      | Littleleaf Linden   | Deciduous medium tree | 60x35             | 25                                  | Full to partial sun | Full to partial sun  | ✓           |                     | X         |                      |                  | Green  | Low            | ✓          |                     | Avoid "Greenspire", due to girdling tendencies  |
| <i>Tsuga</i>     | <i>canadensis</i>   | Eastern hemlock     | Evergreen canopy tree | 30x50             |                                     | Slow                | Partial shade        |             |                     | X         |                      | ✓                | Evergreen  | High           | ✓          |                     | Susceptible to Hemlock woolly adelgid   |
| <i>Ulmus</i>     | <i>americana</i>    | American elm        | Deciduous canopy tree | 80x60             | 25                                  | Fast                | Full sun             | ✓           | ✓                   |           |                      | ✓                | Attractive bark                                  | High           | ✓          |                     | Plant Dutch elm disease resistant cultivars only  |
| <i>Ulmus</i>     | <i>rubra</i>        | Slippery elm        | Deciduous canopy tree | 60x60             |                                     | Medium              | Partial sun to shade |             |                     |           |                      | ✓                | Attractive bark                                  | High           | ✓          |                     |   |
| <i>Viburnum</i>  | <i>lentago</i>      | Nannyberry          | Deciduous small tree  | 15x10             |                                     | Slow                | Partial sun to shade |             |                     |           | ✓                    |                  | Striking fall color                              | Moderate       |            |                     |   |
| <i>Viburnum</i>  | <i>prunifolium</i>  | Blackhaw viburnum   | Deciduous small tree  | 15x15             | 15                                  | Slow                | Partial sun to shade | ✓           | ✓                   |           | ✓                    | ✓                | Striking fall color                              | High           |            |                     |   |

# Master Tree List

| Genus | Species | Common Name | Type | Mature size (WxH) | Minimum Spacing (Ft.) Along streets | Growth Rate | Light | Street Tree | Pollution Resistant | Limit Use | Powerline Compatible | Native to region | Visual Attraction | Wildlife value | Shade Tree | Suggested Cultivars | Notes for use/Disease susceptibility |
|-------|---------|-------------|------|-------------------|-------------------------------------|-------------|-------|-------------|---------------------|-----------|----------------------|------------------|-------------------|----------------|------------|---------------------|--------------------------------------|
|-------|---------|-------------|------|-------------------|-------------------------------------|-------------|-------|-------------|---------------------|-----------|----------------------|------------------|-------------------|----------------|------------|---------------------|--------------------------------------|

## Notes:

Contact the County Urban Forestry office at [urbanforestry@arlingtonva.us](mailto:urbanforestry@arlingtonva.us) for questions

A list of trees appropriate for planting in Arlington County. This list has been vetted for trees that are structurally sound if maintained well, and do not pose an ecological risk due to invasion.

## Glossary:

|                             |  |
|-----------------------------|--|
| <b>Genus</b>                | A group of plants marked by common characteristics, like Quercus (Oaks), Acer (Maples), or Cornus (Dogwoods)   |
| <b>Species</b>              | An individual type of plant, capable of interbreeding within its designation, like Quercus stellata (Post oak), or Tilia americana (American linden)   |
| <b>Common Name</b>          | The common description of a plant, like American Holly, or Tuliptree. A tree can have several common names, which is why latin names are often preferred.  |
| <b>Mature Height</b>        | The height a tree of a species can reach, in an ideal environment, usually within 20 years   |
| <b>Growth Rate</b>          | The speed at which a species grows to its mature size. Keep in mind a fast-growing small tree may grow fast for its species, but due to genetic limitations, may not reach the size of a slow-growing large tree   |
| <b>Light</b>                | The light requirements for a tree to grow optimally. Trees preferring full sun should be in full sun for at least 6 hours a day, while trees preferring shade can live with less than 3 hours of sunlight a day  |
| <b>Street Tree</b>          | Trees well suited for planting along roads, or in tree pits. Street trees should be limbed up to a safe height, and not obstruct view for traffic.   |
| <b>Pollution Resistant</b>  | Trees well suited for planting in tough areas with high pollution from both the air, as well as salt spray from the road. These species are often also well-suited for stormwater control facilities.  |
| <b>Limit Use</b>            | Restrict the use of these species to less than 10% of your planting list. They have been overplanted, have a disease risk, or have a potential to become invasive  |
| <b>Powerline Compatible</b> | Species that may be acceptable to be planted below powerlines, due to size or stature. These species have not been reviewed by Dominion Virginia Power, and utility companies maintain the right to prune or trim any trees or vegetation away from their lines. |
| <b>Native to Region</b>     | Trees native to the Mid-Atlantic. Refer to the Native Plants for Wildlife Habitat and Conservation Landscaping guide by the U.S. Fish and Wildlife Service for more information  |
| <b>Visual Attraction</b>    | Interest from the tree that sets it apart from other trees, from an aesthetic perspective.   |
| <b>Wildlife Value</b>       | Value in the form of edible fruits, foliage, or bark, for our native insects. Wildlife value should not be confused with attracting large amounts of insects or wildlife, but should be seen as a benefit to our ecosystem.                                      |
| <b>Shade Tree</b>           | A tree likely to grow to a size where it will cast significant shade on the surrounding environment, reducing energy costs and urban heat island effect.   |
| <b>Suggested Cultivars</b>  | Cultivars of the species that have shown promise in our landscape and provide added aesthetic value  |

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