

# RECOMMENDED TREE LIST

Genus	Species	Common Name	Evergreen	Size	Light needs	Moisture preference	Street Tree	Pollution Resistant	Powerline Compat-ible	Use in stormwater solutions	Native Range	Visual Attraction/ food source	Shade Tree	Minimum soil volume required - Cubic Ft	Notes for use/Disease susceptibility	Chesapeake Bay Preservation Ordinance Size requirement (height or caliper)	Chesapeake Bay Preservation Ordinance Minimum Spread requirement (Feet)	Chesapeake Bay Preservation Ordinance Coverage (including native bonus)
Acer	<i>negundo</i>	Boxelder		Large	Full to partial sun	High					Local	Striking fall color	✓	1200	Susceptible to limb breakage. Use for restoration or open areas. Great for stream restoration	2 - 2.5 Inch caliper	5 Ft.	393-75
Acer	<i>rubrum</i>	Red maple		Large	Full to partial sun	High				✓	Local	Striking fall color	✓	1200	Can have issues with girdling roots. Prefers a wet environment. Limit use due to overplanting	2 - 2.5 Inch caliper	5 Ft.	393-75
Amelanchier	<i>arborea</i>	Downy serviceberry		Small-Medium	Partial sun to shade	High	✓		✓	✓	Local	White flowers, edible fruit		600	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.	6-7 Ft. tall	3 Ft.	137-5
Amelanchier	<i>canadensis</i>	Shadblow serviceberry		Small-Medium	Partial sun to shade	Moderate	✓		✓	✓	Local	White flowers, edible fruit		600	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.	6-7 Ft. tall	3 Ft.	137-5
Amelanchier	<i>laevis</i>	Allegheny serviceberry		Small-Medium	Partial sun to shade	Moderate			✓		Local	White flowers, edible fruit		600	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.	6-7 Ft. tall	3 Ft.	137-5
Asimina	<i>triloba</i>	Pawpaw		Medium	Full sun	High	✓		✓		Local	Large leaves, red flowers, large edible fruit	✓	900	Edible fruit. Must be pollinated from a different tree to bear fruit. Only use as street tree in low density areas	>1 Inch caliper	3 Ft.	218-75
Betula	<i>nigra</i>	River Birch		Medium	Full sun to shade	High	✓	✓		✓	Local	Attractive bark	✓	900	Single-trunked for street trees, multi-trunk in large plantings. Use sparingly, in wet areas with significant soil space	8-10 Ft tall	3 Ft.	218-75
Carpinus	<i>caroliniana</i>	American hornbeam		Small-Medium	Partial sun to shade	High	✓		✓		Local	Attractive bark		600	Use fastigate varieties for street trees only	>1 Inch caliper	3 Ft.	137-5
Carya	<i>cordiformes</i>	Bitternut hickory		Medium-Large	Full sun	Low	✓				Local	Striking fall color	✓	1200	Must be transplanted at very young age and size	>1 Inch caliper	5 Ft.	312-5
Carya	<i>glabra</i>	Pignut hickory		Medium-Large	Full sun to shade	Low					Local	Striking fall color	✓	1200	Must be transplanted at very young age and size	>1 Inch caliper	5 Ft.	312-5
Carya	<i>ovata</i>	Shagbark hickory		Medium-Large	Full sun	Low	✓	✓			Region	Striking fall color	✓	1200	Must be transplanted at very young age and size	>1 Inch caliper	5 Ft.	312-5
Carya	<i>tomentosa</i>	Mockernut hickory		Medium-Large	Full sun	Low					Local	Striking fall color	✓	1200	Must be transplanted at very young age and size	>1 Inch caliper	5 Ft.	312-5
Castanea	<i>pumila</i>	Chinquapin		Small-Medium	Full to partial sun	Low			✓		Local	Edible nuts		600	More resistant to Chestnut blight than related American Chestnut. Fruit also edible.	6-7 Ft. tall	3 Ft.	137-5

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<i>Celtis</i>	<i>laevigata</i>	Sugar hackberry		Medium-Large	Full to partial sun	High	✓	✓			Local	Attractive bark	✓	1200		2 - 2.5 Inch caliper	5 Ft.	312.5
<i>Celtis</i>	<i>occidentalis</i>	Common hackberry		Large	Full to partial sun	High	✓	✓		✓	Local	Attractive bark	✓	1200		2 - 2.5 Inch caliper	5 Ft.	393.75
<i>Cephalanthus</i>	<i>occidentalis</i>	Buttonbush		Small	Full sun to shade	High		✓	✓	✓	Local	Round white flowers		600		6-7 Ft. tall	3 Ft.	62.5
<i>Cercis</i>	<i>canadensis</i>	Eastern redbud		Small-Medium	Partial sun to shade	Low	✓		✓	✓	Local	Purple flowers		600		>1 Inch caliper	3 Ft.	137.5
<i>Chamaecyparis</i>	<i>thyoides</i>	Atlantic whitecedar	✓	Small-Medium	Partial sun to shade	High				✓	Region	Evergreen, striped bark		900	Single-trunked for street trees, multi-trunk in large plantings. Can form damaging cankers, which can be controlled by selective pruning.	6-7 Ft. tall	3 Ft.	137.5
<i>Chionanthus</i>	<i>virginicus</i>	White fringetree		Small-Medium	Full to partial sun	Low	✓		✓	✓	Local	White flowers		600	Susceptible to Emerald Ash Borer. Only use single-trunk as street tree	6-7 Ft. tall	3 Ft.	137.5
<i>Cornus</i>	<i>alternifolia</i>	Pagoda dogwood		Small-Medium	Partial sun to shade	High			✓		Local	White flowers		600		>1 Inch caliper	3 Ft.	137.5
<i>Cornus</i>	<i>florida</i>	Flowering dogwood		Small-Medium	Partial shade	Low			✓		Local	White flowers		600	Susceptible to dogwood anthracnose, which can be prevented by regular watering during dry times. Consider "Stellar, Rutgers"	>1 Inch caliper	3 Ft.	137.5
<i>Corylus</i>	<i>americana</i>	American hazelnut		Small	Partial shade	Low			✓		Local	Pale catkins, edible nuts		600	Susceptible to dogwood anthracnose, which can be prevented by regular watering during dry times	6-7 Ft. tall	3 Ft.	62.5
<i>Crataegus</i>	<i>crus-galli</i>	Cockspur hawthorn		Small-Medium	Full sun	Low		✓	✓		Local	White flowers		600	Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.	>1 Inch caliper	3 Ft.	137.5
<i>Crataegus</i>	<i>phaenopyrum</i>	Washington hawthorn		Small-Medium	Full sun to shade	Low	✓		✓	✓	Local	White flowers		600	Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.	>1 Inch caliper	3 Ft.	137.5
<i>Crataegus</i>	<i>viridis</i>	Green hawthorn		Small-Medium	Partial sun to shade	Low	✓	✓	✓	✓	Local	White flowers, striking fall color		600	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.	>1 Inch caliper	3 Ft.	137.5
<i>Diospyros</i>	<i>virginiana</i>	Common persimmon		Medium	Full sun to shade	Low		✓		✓	Local	Edible Fruit, unusual black bark	✓	900	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.	>1 Inch caliper	3 Ft.	218.75
<i>Fagus</i>	<i>grandifolia</i>	American beech		Large	Full to partial sun	Low					Local	Smooth bark, edible nuts	✓	1200		1 3/4 - 2 Inch caliper	5 Ft.	393.75
<i>Gleditsia</i>	<i>triacanthos</i>	Honeylocust		Medium-Large	Full sun	Any	✓	✓			Region	White clustered flowers. Large seedpods	✓	1200	Use only fruitless varieties as street tree, like 'Inermis'. Roots may be aggressive	2 - 2.5 Inch caliper	5 Ft.	312.5
<i>Gymnocladus</i>	<i>dioicus</i>	Kentucky coffeetree		Medium	Full sun	Moderate	✓	✓			Region	Attractive bark	✓	1200		2 - 2.5 Inch caliper	3 Ft.	218.75

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<i>Ilex</i>	<i>Opaca</i>	American holly	✓	Medium	Full to partial sun	High		✓		✓	Local	Attractive winter berries	✓	900		6-7 Ft. tall	3 Ft.	218.75
<i>Juglans</i>	<i>nigra</i>	Black Walnut		Large	Full sun	Moderate		✓			Local	Large edible fruit	✓	1200	Will kill some plants beneath it. Specimen tree use only. Susceptible to Thousand canker disease. Must be transplanted at very young age and size.	1 3/4 - 2 Inch caliper	5 Ft.	393.75
<i>Juniperus</i>	<i>virginiana</i>	Eastern redcedar	✓	Small-Medium	Full sun	Low	✓	✓	✓		Local	Evergreen		900		6-7 Ft. tall	3 Ft.	137.5
<i>Liquidambar</i>	<i>styraciflua</i>	Sweetgum		Medium	Full to partial sun	High	✓			✓	Local	Striking fall color	✓	1200	Provide significant root space for this tree. Limit use as street tree due to tendency to destroy pavement. Acceptable	2 - 2.5 Inch caliper	3 Ft.	218.75
<i>Liriodendron</i>	<i>tulipifera</i>	Tuliptree		Medium	Full to partial sun	Moderate					Local	Tulip-shaped flowers and leaves	✓	1200		2 - 2.5 Inch caliper	3 Ft.	218.75
<i>Magnolia</i>	<i>acuminata</i>	Cucumbertree		Medium	Full sun	Moderate					Local	White flowers	✓	1200	Hybrids acceptable	6-7 Ft. tall	3 Ft.	218.75
<i>Magnolia</i>	<i>grandiflora</i>	Southern magnolia	✓	Large	Full to partial sun	High		✓			Region	White flowers		1200		8 - 10 Ft. Tall	5 Ft.	393.75
<i>Magnolia</i>	<i>virginiana</i>	Sweetbay magnolia	✓	Small-Medium	Full to partial sun	High	✓		✓	✓	Local	White flowers		600	Semi-evergreen, depending on the local heat regime. "Henry Hicks' can be used under power lines. Single stem only for street trees.	6-7 Ft. tall	3 Ft.	137.5
<i>Malus</i>	<i>angustifolia</i>	Southern crabapple		Small-Medium	Full sun	Low			✓		Local	White flowers, edible fruit		600	Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.	>1 Inch caliper	3 Ft.	137.5
<i>Malus</i>	<i>coronaria</i>	Sweet crabapple		Small-Medium	Full sun	Low		✓	✓		Local	White flowers, edible fruit		600	Fruit is susceptible to Cedar Apple Rust, which does not otherwise affect the tree's health.	>1 Inch caliper	3 Ft.	137.5
<i>Morus</i>	<i>rubra</i>	Red mulberry		Medium-Large	Full to partial sun	High					Local	Edible fruit, larger than non-native mulberry	✓	1200	Do not confuse with <i>Morus alba</i> (White mulberry), which is an invasive plant	>1 Inch caliper	5 Ft.	312.5
<i>Nyssa</i>	<i>sylvatica</i>	Black tupelo		Medium-Large	Full to partial sun	High	✓	✓		✓	Local	Striking fall color	✓	1200		1 3/4 - 2 Inch caliper	5 Ft.	312.5
<i>Ostrya</i>	<i>virginiana</i>	Eastern hophornbeam		Medium	Partial sun to shade	Low	✓	✓			Local	Hop-shaped fruit	✓	1200		>1 Inch caliper	3 Ft.	218.75
<i>Oxydendrum</i>	<i>arboreum</i>	Sourwood		Small-Medium	Full to partial sun	Moderate			✓		Region	Striking fall color, Panicked white flowers		900		>1 Inch caliper	3 Ft.	137.5
<i>Pinus</i>	<i>echinata</i>	Shortleaf pine	✓	Medium	Full sun	Low		✓			Local	Evergreen	✓	1200		6-7 Ft. tall	3 Ft.	218.75
<i>Pinus</i>	<i>rigida</i>	Pitch pine	✓	Medium	Full sun	Moderate		✓			Local	Evergreen	✓	1200		6-7 Ft. tall	3 Ft.	218.75
<i>Pinus</i>	<i>taeda</i>	Loblolly pine	✓	Medium	Full sun	Low		✓		✓	Local	Evergreen	✓	1200		6-7 Ft. tall	3 Ft.	218.75
<i>Pinus</i>	<i>virginiana</i>	Virginia pine	✓	Medium	Full sun	Low					Local	Evergreen	✓	1200		6-7 Ft. tall	3 Ft.	218.75
<i>Platanus</i>	<i>occidentalis</i>	American sycamore		Large	Full sun	Any		✓		✓	Local	Large leaves, interesting seeds	✓	1200	Susceptible to anthracnose	2 - 2.5 Inch caliper	5 Ft.	393.75
<i>Prunus</i>	<i>americana</i>	American plum		Small	Full to partial sun	High			✓		Region	White flowers		600	Susceptible to limb breakage. Use for restoration or open areas. Edible fruit	6-7 Ft. tall	3 Ft.	62.5
<i>Prunus</i>	<i>serotina</i>	Black cherry		Medium-Large	Full sun	Low					Local	White flowers	✓	1200		1 3/4 - 2 Inch caliper	5 Ft.	312.5

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<i>Ptelea</i>	<i>trifoliata</i>	Hoptree		Small	Full sun to shade	Low			✓		Local	Interesting fruit, striking fall color		600		6-7 Ft. tall	3 Ft.	62.5
<i>Quercus</i>	<i>alba</i>	White oak		Large	Full to partial sun	High		✓			Local	Silver-white bark	✓	1200	Provide significant root space for this tree.	1 3/4 - 2 Inch caliper	5 Ft.	393.75
<i>Quercus</i>	<i>bicolor</i>	Swamp white oak		Large	Full to partial sun	High	✓	✓		✓	Local	Attractive peeling bark, multi-colored leaves	✓	1200		1 3/4 - 2 Inch caliper	5 Ft.	393.75
<i>Quercus</i>	<i>coccinea</i>	Scarlet oak		Large	Full sun	Low	✓	✓			Local	Striking fall color	✓	1200		1 3/4 - 2 Inch caliper	5 Ft.	393.75
<i>Quercus</i>	<i>falcata</i>	Southern red oak		Large	Full sun	Low	✓	✓			Local	Striking fall color	✓	1200		1 3/4 - 2 Inch caliper	5 Ft.	393.75
<i>Quercus</i>	<i>hemisphaerica</i>	Darlington oak		Medium-Large	Full sun	Low	✓				Region	Thin, sun-filtering leaves	✓	1200		1 3/4 - 2 Inch caliper	5 Ft.	312.5
<i>Quercus</i>	<i>imbricaria</i>	Shingle oak		Large	Full sun	Moderate	✓				Local	Semi-evergreen Attractive leaves and fruit	✓	1200		1 3/4 - 2 Inch caliper	5 Ft.	393.75
<i>Quercus</i>	<i>lyrata</i>	Overcup oak		Large	Full to partial sun	High to Moderate	✓				Region	Attractive leaves and fruit	✓	1200	Needs significant rooting space	1 3/4 - 2 Inch caliper	5 Ft.	393.75
<i>Quercus</i>	<i>macrocarpa</i>	Bur oak		Large	Full sun	Low	✓	✓			Region	Attractive leaves and fruit	✓	1200		1 3/4 - 2 Inch caliper	5 Ft.	393.75
<i>Quercus</i>	<i>marilandica</i>	Blackjack oak		Medium	Partial shade	Low					Local	Blocky bark	✓	1200		6-7 Ft. tall	3 Ft.	218.75
<i>Quercus</i>	<i>michauxii</i>	Swamp chestnut oak		Large	Full sun	High					Local	Interesting leaves	✓	1200		1 3/4 - 2 Inch caliper	5 Ft.	393.75
<i>Quercus</i>	<i>montana</i>	Chestnut oak		Large	Full sun	Low					Local	Silver-grey bark	✓	1200		1 3/4 - 2 Inch caliper	5 Ft.	393.75
<i>Quercus</i>	<i>nigra</i>	Water oak		Large	Full to partial sun	High				✓	Region	Evergreen	✓	1200		1 3/4 - 2 Inch caliper	5 Ft.	393.75
<i>Quercus</i>	<i>pagoda</i>	Cherrybark oak		Large	Full sun	Low					Local	Cherry-like bark	✓	1200		1 3/4 - 2 Inch caliper	5 Ft.	393.75
<i>Quercus</i>	<i>palustris</i>	Pin oak		Medium-Large	Full sun	High	✓			✓	Local	Even form, small acorns	✓	1200		2 - 2.5 Inch caliper	5 Ft.	312.5
<i>Quercus</i>	<i>phellos</i>	Willow oak		Medium-Large	Full sun	Any	✓	✓		✓	Local	Thin, sun-filtering leaves	✓	1200		2 - 2.5 Inch caliper	5 Ft.	312.5
<i>Quercus</i>	<i>rubra</i>	Northern Red oak		Large	Full sun	Low	✓	✓			Local	Striking fall color	✓	1200		2 - 2.5 Inch caliper	5 Ft.	393.75
<i>Quercus</i>	<i>shumardii</i>	Shumard Oak		Large	Full sun	Low	✓	✓			Local	Striking fall color	✓	1200		2 - 2.5 Inch caliper	5 Ft.	393.75
<i>Quercus</i>	<i>stellata</i>	Post oak		Medium-Large	Full sun	Low	✓				Local	Cross-shaped leaves	✓	1200		>1 Inch caliper	5 Ft.	312.5
<i>Quercus</i>	<i>velutina</i>	Black oak		Medium-Large	Full sun	High					Local	Striking fall color	✓	1200		2 - 2.5 Inch caliper	5 Ft.	312.5
<i>Rhus</i>	<i>copallina</i>	Winged Sumac		Small	Full to partial sun	Low		✓	✓	✓	Local	Striking fall color, large colored flower spikes		600	Spreads readily, excellent for slope control along roads.	6-7 Ft. tall	3 Ft.	62.5
<i>Rhus</i>	<i>typhina</i>	Staghorn sumac		Small	Full sun	Low		✓			Local	Striking fall color, large colored flower spikes		600	Spreads readily, excellent for slope control along roads.	6-7 Ft. tall	3 Ft.	62.5
<i>Robinia</i>	<i>pseudoacacia</i>	Black locust		Medium	Full sun	Any		✓			Local	Large clusters of white flowers	✓	900		2 - 2.5 Inch caliper	3 Ft.	218.75
<i>Salix</i>	<i>nigra</i>	Black willow		Medium-Large	Full to partial sun	High				✓	Local	Slender leaves	✓	900		2 - 2.5 Inch caliper	5 Ft.	312.5

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<i>Sassafras</i>	<i>albidum</i>	Sassafras		Medium	Full to partial sun	Low			✓		Local	Striking fall color, variegated leaves, pleasant fragrance	✓	900		6-7 Ft. tall	3 Ft.	218.75
<i>Staphylea</i>	<i>trifolia</i>	American bladdernut		Small	Partial sun to shade	Low			✓		Local	Interesting fruit and white flowers		600		6-7 Ft. tall	3 Ft.	62.5
<i>Styrax</i>	<i>americanus</i>	American snowbell		Small	Full to partial sun	Low			✓		Region	White bell flowers		600		6-7 Ft. tall	3 Ft.	62.5
<i>Taxodium</i>	<i>ascendens</i>	Pondcypress		Medium-Large	Full sun	High	✓	✓		✓	Region	Deciduous conifer	✓	1200		2 - 2.5 Inch caliper	5 Ft.	312.5
<i>Taxodium</i>	<i>distichum</i>	Baldcypress		Medium-Large	Full sun	High	✓	✓		✓	Region	Deciduous conifer	✓	1200		2 - 2.5 Inch caliper	5 Ft.	312.5
<i>Thuja</i>	<i>occidentalis</i>	Arborvitae	✓	Small	Full sun	Low			✓		Region	Evergreen		600		6-7 Ft. tall	3 Ft.	62.5
<i>Tilia</i>	<i>americana</i>	American Linden		Large	Full sun	High	✓				Local	White flowers, striking fall color	✓	1200	Use sparingly, in wet areas with significant soil space	2 - 2.5 Inch caliper	5 Ft.	393.75
<i>Tsuga</i>	<i>canadensis</i>	Eastern hemlock	✓	Medium	Partial shade	Moderate					Local	Evergreen	✓	1200	Susceptible to Hemlock woolly adelgid	6-7 Ft. tall	3 Ft.	218.75
<i>Ulmus</i>	<i>americana</i>	American elm		Large	Full sun	Any	✓	✓		✓	Local	Attractive bark	✓	1200	Plant Dutch elm disease resistant cultivars only. 'Jefferson' and 'Valley Forge' have shown good resistance. 'Princeton' is not acceptable, due to poor resistance and form	2 - 2.5 Inch caliper	5 Ft.	393.75
<i>Ulmus</i>	<i>rubra</i>	Slippery elm		Large	Partial sun to shade	Any					Local	Attractive bark	✓	1200		2 - 2.5 Inch caliper	5 Ft.	393.75
<i>Viburnum</i>	<i>lentago</i>	Nannyberry		Small	Partial sun to shade	Low			✓		Region	Striking fall color		600		6-7 Ft. tall	3 Ft.	62.5
<i>Viburnum</i>	<i>prunifolium</i>	Blackhaw viburnum		Small	Partial sun to shade	Low	✓	✓	✓	✓	Local	Striking fall color		600		6-7 Ft. tall	3 Ft.	62.5