

Trees

Recommended for Coastal Southeast Landscapes



Trees come in all shapes and sizes and add structure and architectural interest to any coastal landscape. As with shrubs, trees can be deciduous or evergreen and flower at different times of the year. Make sure; however, that you know the *mature* size of the tree and if it will fit into your landscape.

PLANT VARIETIES, also known as cultivars, are the recommended plant selections that perform better in our area than others or the plain species.

UNDERLINED plants are extremely drought-tolerant and can withstand 4-6 weeks without supplemental irrigation once established (1 year for perennials, 2-3 years for shrubs and trees).

HEIGHT IN INCHES is how tall the plant will be when it is mature, usually given as a range (i.e 4-6').

WATER USE ZONES

- **High (H):** Zones where plants need frequent watering, sometimes daily if there is no rain;
- **Moderate (M):** Zones where plants need an average amount of water; they will need to be watered moderately if there is no regular rain, more often in hot and dry periods;
- **Low (L)** Zones where plants normally need no supplemental water except in extended droughts; these plants may also come with the descriptor *drought tolerant*.

EXPOSURE refers to the amount of sunlight a site receives as follows:

- **Full sun** indicates a site that receives at 6+ hours of direct sun each day;
- **Part sun** indicates a site that receives 4-6 hours of sunlight;
- **Part shade** indicates a site that receives 1-3 hours of direct sunlight each day;
- **Full shade** indicates a site that receives no direct sun all day.

UNDERSTANDING EXPSOURE RANGES:

- **Sun-pt. shade:** plant will perform best if given afternoon shade
- **Pt. shade-shade:** plant needs some direct morning sunlight exposure, but should be in shade by noon.

Evergreen trees—10-30' Tall

Common Name	Botanical Name	Water Use Zone	Height X Spread	Cultivars	Exposure
Loquat	<i>Eriobotrya japonica</i>	H-L	20x20'		Sun—lt. shade
Lusterleaf holly	<i>Ilex latifolia</i>	H-L	25x20'		Sun—pt. shade
American holly	<i>Ilex opaca</i>	M, L	30x20'		Sun
Yaupon holly	<i>Ilex vomitoria</i>	M, L	20x15'	Hoskin's Shadow Kathy Ann Katherine	Sun—lt. shade
Topel holly	<i>Ilex x attenuata</i>	M, L	30x15'	Savannah Foster's #2 East Palatka Greenleaf	Sun
Little gem Magnolia	<i>Magnolia grandiflora</i>	M, L	25x15'	Little Gem	Sun
Sweetbay	<i>Magnolia virginiana</i>	H, M	30-20'		Sun—pt. shade
Wax myrtle	<i>Myrica cerifera</i>	H-L	20x20'		Sun—lt. shade
Carolina cherrylaurel	<i>Prunus caroliniana</i>	H-L	30x20'		Sun—lt. shade
Anise tree	<i>Illicium parviflorum</i>	H-L	15x15'		Sun—pt. shade
Palmetto palm	<i>Sabal palmetto</i>	H-L	30x15'		Sun—pt. shade

Deciduous Trees—10' to 30' Tall

Common Name	Botanical Name	Water Use Zone	Height (in)	Cultivars	Exposure
Southern sugar maple	<i>Acer barbatum</i>	H-L	25x20'		Sun—lt. shade
Trident maple	<i>Acer buergerianum</i>	H-L	25x15'		Sun
Japanese maple	<i>Acer palmatum</i>	H, M	25x20'	Redleaf Bloodgood Sango Kaku Burgundy lace	Sun—pt. shade
Red buckeye	<i>Aesculus pavia</i>	H, M	20x12'		Sun—pt. shade
Serviceberry	<i>Amelanchier arborea</i>	H, M	25x15'	Autumn Brilliance	Sun—pt. shade
Pawpaw	<i>Asimina triloba</i>	H, M	20x15'		Sun—pt. shade
Ironwood	<i>Carpinus caroliniana</i>	H, M	30x25'		Sun—pt. shade
Redbud	<i>Cercis canadensis</i>	H-L	30x25'	Forest pansy Royal white Rising Sun Silver cloud	Sun—pt. shade
Chinese fringetree	<i>Chionanthus retusus</i>	H-L	25x25'		Sun—pt. shade

Fringe tree	<i>Chionanthus virginicus</i>	H, M	20x20'		Sun—pt. shade
Flowering dogwood	<i>Cornus florida</i>	H-L	25x20'	Eternal Dogwood Cloud 9 Cherokee Princess	Sun—pt. shade
Possumhaw	<i>Ilex decidua</i>	H, M	20x15'	Warren's Red Council Fire	Sun—lt. shade
Crape myrtle	<i>Lagerstroemia</i> x hybrids	M, L	30x25'	Many	Sun
Saucer magnolia	<i>Magnolia soulangiana</i>	H-L	30x25'		Sun—lt. shade
Japanese snowbell	<i>Styrax japonicus</i>	H, M	30x30'	Emerald Pagoda Pink Chimes	Sun—pt. shade
Blackhaw viburnum	<i>Viburnum prunifolium</i>	H, M	20x15'		Sun—pt. shade
Chastetree	<i>Vitex agnus-castus</i>	M, L	20x15'	Delta Blues Petty Blue Danica Pink Shoal Creek	Sun

Evergreen Trees—Over 30' Tall

Common Name	Botanical Name	Water Use Zone	Height	Cultivars	Exposure
Deodar cedar	<i>Cedrus deodora</i>	H-L	70x70'		Sun
Japanese cedar	<i>Cryptomeria japonica</i>	H-L	60x30'	Yoshino Radicans	Sun
Eastern red cedar	<i>Juniperus virginiana</i>	M, L	50x20'	Brodie Burkii Hillspire	Sun
Southern magnolia	<i>Magnolia grandiflora</i>	H-L	80x50'	Alta Carolina Compacta Kay Parris Little Gem	Sun—pt. shade
Longleaf pine	<i>Pinus palustris</i>	H-L	60x20'		Sun
Laurel oak	<i>Quercus hemisphaerica</i>	H-L	60x40'	Darlington	Sun
Live oak	<i>Quercus virginiana</i>	H-L	80x80'		Sun

Deciduous Trees—Over' Tall

Common Name	Botanical Name	Water Use Zone	Height	Cultivars	Exposure
Red maple	<i>Acer rubrum</i>	H, M	50x35'	October Glory Red Sunset	Sun—lt. shade
River birch	<i>Betula nigra</i>	H, M	70x60'	Heritage Dura Heat	Sun
American beech	<i>Fagus grandifolia</i>	H-L	70x60'		Sun
Green ash	<i>Fraxinus pennsylvanica</i>	H-L	60x50'		Sun
Ginkgo	<i>Ginkgo biloba</i>	H-L	70x40'	Autumn gold	Sun
Dawn redwood	<i>Metasequoia glyptostroboides</i>	H-L	100x25'		Sun

Black gum	<i>Nyssa sylvatica</i>	H-L	50x30'		Sun
Water oak	<i>Quercus nigra</i>	H-L	80-60'		Sun
Nutall oak	<i>Quercus nutallii</i>	H-L	60x50'		Sun
Willow oak	<i>Quercus phellos</i>	H-L	100x50'		Sun
Bald cypress	<i>Taxodium distichum</i>	H-L	70x30'		Sun
American elm	<i>Ulmus Americana</i>	H-L	70x35'	Princeton	Sun
Lacebark elm	<i>Ulmus parvifolia</i>	H-L	50x40'	Bosque Ailee Athena	Sun

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for all your garden, lawn and landscape needs:

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VISIT US IN BRUNSWICK COUNTY!

**Brunswick County Cooperative Extension
& Botanical Garden**

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brunswick.ces.ncsu.edu

Office Hours: 8:30 a.m. - 5:00 p.m. Monday - Friday



Brunswick Botanical Garden & Information Hotline

To see plants that grow in Coastal Southeast NC, visit the **Brunswick Botanical Garden** behind the Brunswick County Cooperative Extension (BCCES) Offices. It is free and open daylight hours, 7 days a week. The garden and associated programs are managed by CES horticultural staff in conjunction with trained Extension Master Gardener Volunteers.

For questions about plant selection and maintenance, lawn care, vegetable gardening, plant disease and pest problems, visit or call the BCCES **Information Hotline**. Staffed by trained Extension Master Gardener Volunteers under the supervision of Extension Horticulture staff, the Hotline is open from 9:00 a.m. until noon and 1:00 p.m. to 4:00 p.m. when offices are open.

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