

**City of New Bern's Appearance Commission  
Recommended Trees for Streets, New Construction Sites, and Parking Lots.**

**SMALL TREES (under 30 feet at maturity)**

**Common Name**

Cherry Laurel  
Crape Myrtle  
Eastern Redbud  
Fringe Tree 'Retusus'  
Fringe Tree 'Virginicus'  
Saucer Magnolia  
Sourwood, Sorrel Tree  
Southern Magnolia 'Little Gem'  
Star Magnolia  
Weeping Yaupon  
Yaupon

**Botanical Name**

Prunus Caroliniana  
Lagerstronemia indica  
Cercis Canadensis  
Chionanthus Retusus  
Chionanthus Virginicus  
Magnolia saulangiana  
Oxydendrum arboreum  
Magnolia grandiflora 'Little Gem'  
Magnolia stellata  
Ilex vomitoria 'Pendula'  
Ilex vomitoria

## TREE SPECIMEN

<b>Botanical Name:</b>	Prunus Caroliniana
<b>Common Name:</b>	Cherry Laurel
<b>Overall Shape:</b>	Rounded/Oval
<b>Deciduous/Evergreen:</b>	Evergreen
<b>Flower (color, form, season):</b>	White, fragrant flower clusters emerge in late winter to mid-spring.
<b>Fruit (color, form, season):</b>	Black berries, in drupes, appear in the Fall
<b>Foliage (color, season):</b>	Elliptical broadleaf, 2-4" long.
<b>Potential Height (mature):</b>	25 to 40 feet
<b>Potential Width (mature):</b>	15 to 25 feet
<b>Growth Rate:</b>	Moderate
<b>Culture Needs:</b>	Sun to shade, various soil types, well drained
<b>Advantages:</b>	Berries attract wildlife and are suited for human consumption. Drought and salt tolerant.
<b>Limitations:</b>	Thin bark easily damaged. Can suffer from mites, borers and caterpillars, and leaf spot, fire blight, and stem canker.
<b>Characteristics:</b>	Best used as evergreen screen. Not recommended for confined areas.
<b>Recommended Cultivars:</b>	



## TREE SPECIMEN

<b>Botanical Name:</b>	Lagerstroemia indica
<b>Common Name:</b>	Crepe Myrtle, Crape Myrtle
<b>Overall Shape:</b>	Varied from upright/vase, globose, multi-stemmed, and weeping
<b>Deciduous/Evergreen:</b>	Deciduous
<b>Flower (color, form, season):</b>	Varied, early to late summer into fall
<b>Fruit (color, season):</b>	Brown seedpods.
<b>Foliage (color, season):</b>	Fall color varies by variety.
<b>Potential Height (mature):</b>	10 to 30+ feet
<b>Potential Width (mature):</b>	10+ feet
<b>Growth Rate:</b>	Fast
<b>Culture Needs:</b>	Prefers full sun, and moist, well-drained sandy soil. Will tolerate dry conditions once established.
<b>Advantages:</b>	Extremely vigorous and hardy. Newer varieties extend the hardiness range. Fall foliage color depending on variety; smooth to exfoliating bark; attracts birds.
<b>Limitations:</b>	Susceptible to aphids, sooty mold/powdery mildew. Newer cultivars are more mildew resistant.
<b>Characteristics:</b>	Recommend 1 to 3 stem trees.
<b>Recommended Cultivars:</b>	See attached listing for recommended varieties and their characteristics.



## TREE SPECIMEN

<b>Botanical Name:</b>	Cercis canadensis
<b>Common Name:</b>	Eastern Redbud
<b>Overall Shape:</b>	Upright
<b>Deciduous/Evergreen:</b>	Deciduous
<b>Flower (color, form, season):</b>	Deep pink, rose, purple, pea-like flowers appear before the foliage in early to mid spring.
<b>Fruit (color, form, season):</b>	Brown seed pods persist into winter.
<b>Foliage (color, season):</b>	Heart-shaped, green, coarse texture. Green to yellow in fall.
<b>Potential Height (mature):</b>	20 to 30 feet
<b>Potential Width (mature):</b>	25 to 35 feet
<b>Growth Rate:</b>	Fast
<b>Culture Needs:</b>	Sun to part/full shade, moist, well-drained soil; tolerates dry conditions once established. Not adaptable to clay. Dense and round when grown in sun; open, taller form when grown in shade. pH range 5.0 to 7.9.
<b>Advantages:</b>	
<b>Limitations:</b>	Stem canker, leaf spots, and verticillium wilt may be a problem. May experience some insect damage from leaf rollers, treehoppers, scales, leafhoppers, aphids, and spider mites, but damage is rarely severe. Short-lived. Seedpods and small branches can be a nuisance.
<b>Characteristics:</b>	Newer, decorative cultivars show promise.
<b>Recommended Cultivars:</b>	



## TREE SPECIMEN

<b>Botanical Name:</b>	Chionanthus retusus
<b>Common Name:</b>	Chinese Fringe Tree
<b>Overall Shape:</b>	Vase to Rounded
<b>Deciduous/Evergreen:</b>	Deciduous
<b>Flower (color, form, season):</b>	Snow white, fragrant flowers in panicles at ends of shoots, appearing in spring.
<b>Fruit (color, form, season):</b>	Dark Blue/Purple berries appear in the Fall.
<b>Foliage (color, season):</b>	Ovate, leathery, lustrous leaves are 2 to 4 inches long; yellow fall color.
<b>Potential Height (mature):</b>	15 to 20 feet
<b>Potential Width (mature):</b>	10 to 20 feet
<b>Growth Rate:</b>	Slow to moderate
<b>Culture Needs:</b>	Sun to shade; various soil types.
<b>Advantages:</b>	Pest and Disease resistant. Very adaptable and easy to grow.
<b>Limitations:</b>	None
<b>Characteristics:</b>	
<b>Recommended Cultivars:</b>	



## TREE SPECIMEN

<b>Botanical Name:</b>	Chionanthus virginicus
<b>Common Name:</b>	Fringe Tree, Old Man's Beard
<b>Overall Shape:</b>	Open spreading canopy
<b>Deciduous/Evergreen:</b>	Deciduous
<b>Flower (color, form, season):</b>	Panicle, fragrant white flowers appearing in May.
<b>Fruit (color, season):</b>	Dark blue berries in the fall.
<b>Foliage (color, season):</b>	Opposite, simple, 3 to 8 inch long leaves, turning yellow/green to brown fall color.
<b>Potential Height (mature):</b>	12 to 20 feet
<b>Potential Width (mature):</b>	12 to 20 feet
<b>Growth Rate:</b>	Slow to moderate.
<b>Culture Needs:</b>	Sun to part shade, in moist well drained soil.
<b>Advantages:</b>	Tolerates air pollution; flowers at an early age; fruit attracts wildlife; adaptable.
<b>Limitations:</b>	Not tolerant of heavy, clay soils.
<b>Characteristics:</b>	Trends to be shrubby. Not recommended for confined spaces. Best kept to three or fewer stems.
<b>Recommended Cultivars:</b>	



## TREE SPECIMEN

**Botanical Name:** Magnolia x soulangiana  
**Common Name:** Saucer Magnolia  
**Overall Shape:** Upright when young, rounded with age  
**Deciduous/Evergreen:** Deciduous  
**Flower (color, form, season):** Large, pubescent, green flower buds are carried through the winter at the tips of branches, opening in late winter to early spring; 5" to 10" white to pink-purple tulip-like flowers.

**Fruit (color, season):** None

**Foliage (color, season):** Medium to dark green, oblong to elliptical, up to 6" long. Green to chartreuse fall color.

**Potential Height (mature):** 15 to 25 feet

**Potential Width (mature):** 15 to 25 feet

**Growth Rate:** Moderate

**Culture Needs:** Sun (if well mulched, kept moist) to partial/filtered shade. Evenly moist, rich, organic, well drained soil.

**Advantages:** Generally pest and disease free.

**Limitations:** Can suffer from Magnolia scale. Overwintering scales are usually controlled with horticultural oil applied in the spring. Leaf spots rarely require chemical controls. Rake up and dispose of infected leaves. Canker diseases will kill branches; infected branches can be pruned out. Late frost can ruin flower display; thus, late flowering cultivars are best.

**Characteristics:** Not recommended for confined spaces.

**Recommended Cultivars:**



## TREE SPECIMEN

<b>Botanical Name:</b>	Oxydendrum arboretum
<b>Common Name:</b>	Sourwood, Sorrel Tree Lily-of-the-Valley Tree
<b>Overall Shape:</b>	Round
<b>Deciduous/Evergreen:</b>	Deciduous
<b>Flower (color, form, season):</b>	Fragrant white blooms, similar to lily of the valley, in spring.
<b>Fruit (color, form, season):</b>	Not showy.
<b>Foliage (color, season):</b>	Alternate, elliptical/oblong, up to 10 inches long that are a rich green and glossy on top. Brilliant red and sometimes purple fall color. Foliage is sour to the taste, hence its name.
<b>Potential Height (mature):</b>	25 to 30 feet
<b>Potential Width (mature):</b>	20 feet
<b>Growth Rate:</b>	Slow
<b>Culture Needs:</b>	Full sun to part shade in fertile, acidic woodland soils, but adaptable.
<b>Advantages:</b>	Great fall color; no significant pest problems.
<b>Limitations:</b>	Not recommended for polluted urban locations; not drought tolerant.
<b>Characteristics:</b>	
<b>Recommended Cultivars:</b>	



## TREE SPECIMEN

<b>Botanical Name:</b>	Magnolia grandiflora 'Little Gem'
<b>Common Name:</b>	Southern Magnolia 'Little Gem'
<b>Overall Shape:</b>	Pyramidal
<b>Deciduous/Evergreen:</b>	Evergreen
<b>Flower (color, form, season):</b>	Large white, fragrant blooms, appearing in spring through summer.
<b>Fruit (color, form, season):</b>	Red, elongated, appearing in fall.
<b>Foliage (color, season):</b>	Elliptical broadleaf, glossy green on top, brown underneath, 4 to 8 inches long.
<b>Potential Height (mature):</b>	20 to 40 feet
<b>Potential Width (mature):</b>	8 to 12 feet
<b>Growth Rate:</b>	Slow
<b>Culture Needs:</b>	Part to full sun; prefers acid soil but will tolerate a slightly basic, even wet or clay soil.
<b>Advantages:</b>	Tolerates extended flooding Attracts birds.
<b>Limitations:</b>	Verticillium wilt susceptible. Bark is thin and can be easily damaged.
<b>Characteristics:</b>	Site restricted.
<b>Recommended Cultivars:</b>	



## TREE SPECIMEN

**Botanical Name:** Magnolia stellata  
**Common Name:** Star Magnolia  
**Overall Shape:** Multi-trunked tree or large shrub; rounded.  
**Deciduous/Evergreen:** Deciduous



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**Flower (color, form, season):** Winter floral buds are prominent and fuzzy, giving rise to showy flowers that have narrow petals and sepals that are white (sometimes light pink or rose) and slightly fragrant, and emerge in the late winter/early spring before the foliage.



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**Fruit (color, form, season):** Sparse aggregate fruits split open in September, but are not ornamental and seldom produced in significant quantities.

**Foliage (color, season):** Medium to dark green, alternate, distinctly ovate, to 4" long; fall color is green to chartreuse.

**Potential Height (mature):** 15 feet

**Potential Width (mature):** 15 feet

**Growth Rate:** Slow

**Culture Needs:** Performs best in partial sun in moist, acidic, deep soils but is quite adaptable to a wide range of soils, soil pHs, pollution, and even wet soils.

**Advantages:** No disease or pest problems, although sapsuckers may encircle the trunk on occasion. May sporadically have a few flowers open anytime from late summer to late fall, but this does not affect spring flowering.

**Limitations:** Somewhat sensitive to transplant in autumn. Care should be taken to amend the soil, fertilize, water thoroughly, mulch adequately, and avoid winter salt spray to enhance survival chances during the first winter. Flowers are frequently browned or killed by early spring frosts and freezes, and may remain attached to the plant until mid-spring.

**Characteristics:** Can be utilized as a deciduous privacy screen near foundations due to its dense summer foliage. Flowers at a young age; terminal buds provide winter interest; ornamental smooth gray bark (if limbed up into tree form).

**Recommended Cultivars:**

## TREE SPECIMEN

**Botanical Name:** Ilex vomitoria 'Pendula'  
**Common Name:** Weeping Yaupon  
**Overall Shape:** Irregular, weeping form with upright crooked trunks.  
**Deciduous/Evergreen:** Evergreen  
**Flower (color, form, season):** White, inconspicuous, appearing in the spring.



**Fruit (color, form, season):** Red berry clusters on females appear in the fall.



**Foliage (color, season):** Alternate, ovate, gray-green, less than 2 inches.

**Potential Height (mature):** 25 to 30 feet

**Potential Width (mature):** 6 to 12 feet

**Growth Rate:** Moderate

**Culture Needs:** Tolerant of drought and sea salt, durable and adaptable. Grows in full to part sun. Tolerates clay, loam, sandy and wet soil, as well as a broad pH range.

**Advantages:** No diseases are of major concern. Can have scale, leaf miner, mites, and aphids, but rarely serious. Surface roots are usually not a problem. Distinct irregular, weeping form crooked trunks and slender, pendulous branches create an interesting focal point. The berries provide an important source of food for birds and other wildlife in late winter.



**Limitations:** Berries may induce vomiting if ingested. Not wind tolerant.

**Characteristics:** Good screening tree; best placed in a protected location.

**Recommended Cultivars:**

## TREE SPECIMEN

**Botanical Name:** Ilex vomitoria  
**Common Name:** Yaupon Holly  
**Overall Shape:** Vase, rounded  
**Deciduous/Evergreen:** Evergreen  
**Flower (color, form, season):** White, not showy, in spring



**Fruit (color, form, season):** Bright red berry clusters appear in the fall and persist through the winter.

**Foliage (color, season):** Alternate leaf arrangement; leaf margins are revolute (turned under); branches and petioles are pubescent (minutely hairy).



**Potential Height (mature):** 15 to 20 feet

**Potential Width (mature):** 15 to 20 feet

**Growth Rate:** Moderate

**Culture Needs:** Full to part sun in clay, loam, sandy and wet soils. pH range tolerant.

**Advantages:** Surface roots are usually not a problem. Ideal for training into a small tree with lower branches removed to reveal the interestingly-contorted multiple trunks. It can also be used for topiaries, espaliers, specimens, screens, or barriers. The berries provide an important source of food for birds and other wildlife in late winter. Tolerant of drought and sea salt, durable and adaptable.



**Limitations:** Can have scale, leaf miners, mites, and aphids but rarely serious. Requires pruning for best form. The fruit can induce vomiting if ingested.

**Characteristics:**

**Recommended Cultivars:**