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TREE SPECIES 11.18.2023 DISTRIBUTION

Size	Latin Name	Common Name
3-gallon	Acer rubrum 'Armstrong'	Armstrong Maple
3-gallon	Acer rubrum 'Brandywine'	Brandywine Maple
3-gallon	Acer rubrum 'October Glory'	October Glory Maple
3-gallon	Amelanchierxgr. 'Autumn Brilliance'	Serviceberry
3-gallon	Magnolia virginiana	Sweetbay Magnolia
3-gallon	Nyssa sylvatica	Black Gum
3- gallon	Platanus acer 'Exclamation'	London Plane
3-gallon	Quercus alba	White Oak
3-gallon	Quercus bicolor	Swamp White Oak
3-gallon	Quercus lyrata	Overcup Oak
3-gallon	Quercus phellos	Willow Oak

Please note: All species and sizes are subject to vendor availability.

Armstrong Red Maple (Acer Rubrum 'Armstrong') NATIVE



Common Name(s): Carolina Maple, Curled Maple, Red Maple, Scarlet Maple, Soft Maple, Swamp Maple

Height: 50'-60' **Width:** 15'-25'

Soil preference: tolerant of most soil types (loam, sand, clay)

Light: Full sun to part shade - at least 6 hours sun

Moisture: Moist, well drained, but can tolerate some moderate drought and flood

Shape: Columnar, upright

Notes: Silver/gray bark, red/orange/yellow leaves in Fall, fast grower

Plant details: <https://plants.ces.ncsu.edu/plants/acer-rubrum/>



Brandywine Red Maple (*Acer rubrum* 'Brandywine') NATIVE



Height: 25'-35' Width: 15'-25'

Soil preference: tolerant of most soil types (loam, sand, clay)

Light: Full sun to part shade - at least 6 hours sun

Moisture: Moist, well drained, but can tolerate some moderate drought and flood

Shape: Rounded, upright

Notes: Silver/gray bark, Red/purple fall foliage, fast grower, no flowers, seeds or fruits

Plant details: <https://plants.ces.ncsu.edu/plants/acer-rubrum/>



October Glory Maple (Acer Rubrum X 'October Glory') NATIVE



Height: 40'-50' Width: 25'-35'

Soil preference: tolerant of most soil types, prefers slightly acid

Light: Sun or part shade- at least 4 hours of direct sun a day

Moisture: Prefers moist, well drained

Shape: Round

Notes: Grows medium/fast -13-24 inches a year. Brilliant orange/red leaves in Fall

Plant details: <https://plants.ces.ncsu.edu/plants/acer-rubrum/>



Serviceberry (Amelanchiergr‘Autumn Brilliance’) NATIVE



Common names: Apple Serviceberry

Height: 15' – 30' **Width:** 25'-30'

Soil preference: Clay, loam or silt, sand, slightly acidic

Light: Full sun to part shade – at least 6 hours direct sun

Moisture: Prefers moist well drained

Shape: Round, sometimes multi-stemmed and shrubby

Notes: Fragrant attractive Flowers, edible fruit

Plant details: <https://plants.ces.ncsu.edu/plants/amelanchier/>



Magnolia (*Magnolia virginiana* var. *australis*) NATIVE



Common names: Beaver Tree, Castorwood, Small Laurel Magnolia, Small Magnolia, Swamp Magnolia, Swamp Sassafras, Sweetbay, Sweet Bay, Sweet Bay Magnolia, Sweetbay Magnolia, Sweet Magnolia, White Laurel

Height: 10' – 35' **Width:** 10'-35'

Soil preference: moist to wet, acidic, and organically rich soils. This species tolerates wet, swampy, and boggy soils

Light: Full sun to part shade – at least 6 hours direct sun

Moisture: Prefers moist occasionally wet

Shape: Columnar or vase shaped

Notes: dark green leathery leaves, fragrant flowers

Plant details: <https://plants.ces.ncsu.edu/plants/magnolia-virginiana/>



London Plane Tree (*Platanus acer* 'Exclamation') NATIVE



Common Names: London Planetree, London Plane Tree, Maple Leaved Plane Tree

Height: 70'-100' **Width:** 65'-75'

Soil preference: tolerant of most soil types, prefers slightly acid

Light: Full Sun

Moisture: Prefers rich medium to wet, well-drained soils.

Shape: Pyramidal when young, spreads with age

Notes: medium to dark green, large, sugar maple-shaped leaves, 3 to 5 lobes, triangular to ovate, rounded lobes. Insignificant flowers in the spring, yellowish male flower, reddish female flower. Female flower produces fruit ball, two per stalk, brown when ripens in the fall, each fruit ball is densely packed with seeds or achenes

Grows: Perfect for urban conditions

Plant details: <https://plants.ces.ncsu.edu/plants/platanus-x-acerifolia/>



Blackgum (*Nyssa sylvatica*) NATIVE



Common Names: Blackgum, Black Gum, Black Tupelo, Common Tupelo Tree, Cotton Gum, Nyssa, Pepperidge, Sour Gum, Tupelo

Height: typically, 20'-30', can grow to 40'-70' Width: 20'-35'

Soil preference: tolerant of most soil types, prefers slightly acid

Light: Full Sun

Moisture: Prefers moist, acidic soils, but is adaptive and tolerates poorly-drained soils and standing water, some drought, and some dry soils.

Shape: Columnar, pyramidal, rounded

Notes: Should be sited in permanent location due to long taproot. Its flowering habit is dioecious (a male and female tree are required to produce fruit). However, some plants have mostly male flowers while others have mostly female flowers, with most plants having a few perfect flowers. others may only have a few berries. Female trees need a male pollinator to set fruit.

Grows: Slow grower

Plant details: <https://plants.ces.ncsu.edu/plants/nyssa-sylvatica/>



White Oak (Quercus alba) NATIVE



Common names: American, Eastern Fork-leaf, Northern White Oak

Height: 80' - 100' **Width:** 80'

Soil preference: Clay, loam or sand, slightly acidic

Light: Full sun to part shade - at least 6 hours direct sun

Moisture: Prefers moist well drained, but adaptable to other types once established, including occasional drought tolerance

Shape: Pyramid when young - round/broad with maturity

Notes: Dark red-brown foliage in fall, supports abundant wildlife

Plant details: <https://plants.ces.ncsu.edu/plants/quercus-alba/>



Swamp White Oak (*Quercus bicolor*) NATIVE



Common names: Swamp white oak, [Bicolor Oak](#), [Oaks](#)

Height: 50'-60' **Width:** 50'-60'

Soil preference: Clay, loam, sand, high organic matter, acidic

Light: Full sun

Moisture: Moist-wet, can adapt to drier sites

Shape: Pyramid shape when young - broad oval with age, short trunk

Notes: supports abundant wildlife, plant along a pond or stream

Plant details: <https://plants.ces.ncsu.edu/plants/quercus-bicolor/>



Overcup Oak (Quercus-lyrata) NATIVE



Common Names(s): Overcup Oak, Swamp post oak, Swamp white oak, Water white oak

Height: 35-60' **Width:** 35-60'

Soil preference: Clay, loam

Light: Full sun (6 or more hours of direct sunlight a day) or partial shade (Direct sunlight only part of the day, 2-6 hours)

Moisture: Good Drainage, Moist, occasional flooding or standing water

Shape: Broad and rounded

Notes: Plant this tree in low lying areas or along streams, rivers or ponds in full sun to partial shade. It can be used as a shade tree. As most native oak trees, this is a high-value wildlife plant. This tree is mildly resistant to deer browsing.

Plant details: <https://plants.ces.ncsu.edu/plants/quercus-lyrata>



Willow Oak (Quercus phellos) NATIVE



Height: 40-75' **Width:** 25-50'

Soil preference: acidic, clay, loam, sand, adaptable

Light: Full sun to light shade - at least 6 hrs full sun

Moisture: Average, well drained (occasional dry or wet)

Shape: Oval- rounded crown

Notes: Supports abundant wildlife, fast growing, fine texture

Plant details: <https://plants.ces.ncsu.edu/plants/quercus-phellos/>

