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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	Amelanchier x grandiflora 'Autumn Brilliance'	Serviceberry
3-gallon	Magnolia virginiana 'Australis'	Sweetbay Magnolia
3-gallon	Nyssa sylvatica	Black Gum
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.

Tree Species Information



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')

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 (*Amelanchier* × *grandiflora*) 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/>



Sweetbay 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/>



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. The nectar from the flowers is sought after by bees and tupelo honey is highly prized.

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/>



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/>



Shumard Oak (*Quercus shumardii*) NATIVE

Height: 70' **Width:** 40'

Soil preference: clay, loam or sand

Light: Full sun or part shade

Moisture: Moist, well drained, tolerates some drought and flooding

Shape: Pyramid when young, rounded with age

Notes: Fast growing, good for urban conditions, drought, red/burgundy Fall color

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