



PHS Tree Tenders®

Fall 2026 Tree Species List

Updated 7/30/2026

BARE ROOT (BR): Schichtel's Nursery, 1.25-1.5" in caliper, 6-14' tall

ROOT BAG (#5/#7): Tree Authority, 0.5-1.25" in caliper, 3-7' tall

Max quantity 5 of each kind per order (unless otherwise noted)

Species	Stock	Native	Climate Resilient	Mature Size	Notes
SMALL (up to 30' tall)					
AESCULUS PAVIA Red Buckeye PHS Gold Metal Plant- 1995 <i>Max 3 per order</i>	#5	X	X	15-25 X 15-25 ft	Beautiful red spring flowers loved by hummingbirds. Best in moist, well drained soils and partial shade. Sensitive to drought. Fruit is poisonous if ingested.
AMELANCHIER x GRAND. 'AUTUMN BRILLIANCE' Apple Serviceberry PHS Gold Metal Plant- 2025	BR	X	X	20-25 X 15-20 ft	White spring flowers, edible berries loved by both birds and humans! Beautiful orange and red fall colors. Can develop rust, leaf spots, and fire blight. Excellent ornamental tree for small yards.
CARPINUS CAROLINIANA 'NATIVE FLAME'*** American Hornbeam	BR	X	X	20-30 X 20-25 ft	Attractive, smooth gray bark. Provides dense shade with upright spreading and low branches. Excellent orange and red fall colors. Slow growing but durable. Tolerates flooding and shade. Tolerates range of soils and moisture levels once established but prefers rich moist soils. Low salt tolerance. Few major pest issues. Works well beneath utility lines.
CERCIS CANADENSIS 'OKLAHOMA' Eastern Redbud	#7	X	X	20-30 X 20-30	Dark glossy leaves and deep magenta flowers that are darker than the straight species. Heart-shaped foliage. Generally shorter lived (20-40 years)
CRATAEGUS VIRDIS 'WINTER KING' Green Hawthorn PHS Gold Metal Plant- 1991	BR	X	X	25-35 X 25-35 ft	Excellent ornamental hawthorn. White flowers, orange-red fruit that persists into winter. Exfoliating bark. More disease resistant than many other hawthorns but may still develop rust or leaf spot. Tolerates urban conditions.
HAMAMELIS VIRGINIANA American Witch-Hazel	#5	X	X	15-20 X 15-20 ft (shrub)	Native understory tree with fragrant yellow flowers in late fall. Excellent for shaded sites. Adaptable to a range of soils but prefers moist, slightly acidic conditions. Very few pests or diseases.

MAGNOLIA VIRGINIANA Sweetbay Magnolia	#5	X	X	15-35 X 15-25 ft	Fragrant flowers and semi-evergreen foliage in mild winters. Prefers moist, acidic soils. Tolerates wet sites better than most magnolias.
X GORDLINIA GRANDIFLORA Mountain Gordlinia <i>Max 2 per order</i>	#5		X	30-40 X 15-20 ft	Uncommon, fast growing hybrid shrub or small tree developed at North Carolina State University- cross between Georgian native Franklinia alatamaha (found by Bartram and extinct in the wild) and the native Gordonia lasianthus. Large fragrant flowers through summer resemble camellia. Glossy foliage and excellent fall colors. Prefers acidic, well drained soils. Avoid alkaline soils and sites with severe drought.
MEDIUM (30-50')					
ACER RUBRUM 'REDPOINTE' Red Maple PHS Gold Metal Plant- 2025 <i>Max 3 per order</i>	BR	X	X	40-50 X 30-40 ft	Improved red maple selected for strong branching and reliable red fall colors. Better heat tolerance than many other cultivars. Prefers acidic soils. "Chlorosis possible on alkaline soils.
CLADRASTIS KENTUKEA American Yellowwood PHS Gold Metal Plant- 1994	BR	X	X	30-50 X 40-55 ft	Beautiful white flower clusters. Smooth grey bark. Prefers rich, well drained soils. Thin bark susceptible to mechanical injury. Avoid compacted sites. -
NYSSA SYLVATICA Black Gum	#5	X	X	35x20	Upright pyramidal to oval; uniform, easier to grow cultivar and straight central leader make better suited as street tree; wildlife value; tolerant of drought, heat, dry, wet soils; moderately salt tolerant; bright green glossy leave with spectacular red fall color after most tupelos have defoliated; cankers and leaf spots are potential problems.
OSTRYA VIRGINIANA Eastern Hophornbeam	BR	X	X	25-40 X 20-30 ft	Tough underused native. Attractive hop-like fruit and shaggy bark. Tolerates shade, drought, and rocky soils. Slow growing. Few pest problems.
PINUS VIRGINIANA Virginia Pine/Jersey Pine	#5	X	X	40-70 X 20-35 ft	Fast growing native pine for poor, dry soils. Excellent drought tolerance. Not suited for wet sites. Some susceptibility to pine sawflies and tip blight.
LARGE (50' and greater)					
CATALPA SPECIOSA Northern Catalpa	BR	X	X	50-70 X 40-50 ft	Large heart shaped leaves. Showy white flowers. Long bean-like pods. Tolerates urban soils, heat and drought. Prefers full sun and moist, well drained soils but is adaptable.

CELTIS OCCIDENTALIS Hackberry	BR	X	X	40-60 X 40-60 ft	One of the toughest native shade trees for urban/tough sites. Highly tolerant of heat, drought, wind, pollution, compacted soil, occasional flooding, and a wide range of soil pH. Prefers full sun but tolerates light shade. Small purple berries persist into winter. Fast growing and adaptable.
DIOSPYROS VIRGINIANA American Persimmon	#5	X	X	35-60 X 20-35 ft	Orange fall colors. Edible fruit. Tolerates drought, poor soils, and occasional flooding. Prefers full sun.
GYMNOCLADUS DIOICUS Kentucky Coffeetree	BR	X	X	60-75 X 40-50 ft	One of the toughest urban trees. Tolerates drought, heat, pollution, alkaline soils, and compaction. Attractive textured bark. Sparse branching when young but develops into a magnificent shade tree. Unknown whether will be male or female, so <u>may bear pods</u> .
LIQUIDAMBAR STYRACIFLUA 'CHEROKEE' Sweetgum	BR	X	X	50-75 X 35-45 ft	Beautiful red, purple, and orange fall colors. This cultivar is selected for its form and <u>low fruit production</u> . Prefers acidic, moist soils, but tolerates dry sites. May become chlorotic in alkaline soils.
LIRIODENDRON TULIIFERA Tulip Poplar	BR	X	X	70-100 X 40-50 ft	Fast growing canopy tree with tulip like flowers. Beautiful straight trunk. Sensitive to drought, soil, compaction, and restricted rooting space. Best in deep, moist, fertile soils and full sun.
MAGNOLIA ACUMINATA Cucumber Tree Max 3 per order	BR	X	X	60-80 X 30-50 ft	Large native magnolia with unusual green-yellow flowers. Attractive foliage. Performs best in rich, moist soils. Sensitive to drought and alkaline soils.
PLANTINUS OCCIDENTALIS American Sycamore	BR	X	X	75-100 X 60-80 ft	Massive shade tree with striking exfoliating bark. Excellent flood tolerance. Handles urban conditions fairly well. Requires lots of space.
QUERCUS LYRATA Overcup Oak Max 3 per order	#5	X	X	50-75 X 35-50	Climate resilient oak. Extremely tolerant of flooding and compacted soils. Large acorns. Fewer pest issues than many other oaks. Slow to moderate growth Very good for difficult wet sites.
QUERCUS MACROCARPA Bur Oak	#5	X	X	70-90 X 70-90 ft	One of the most climate resilient native oaks. Extremely tolerant of heat, drought, pollution, compaction, and alkaline soil. Prefers full sun and deep, well drained soils but is adaptable to a wide range of moisture levels (including occasional flooding) Requires ample planting space. Considered one of the healthiest and longest lived oaks.

QUERCUS PHELLOS Willow Oak	#5	X	X	60-80 X 50-70 ft	One of the best large shade trees for urban and suburban sites. Highly adaptable to heat, drought (once established), occasional flooding, compacted soils, and pollution. Fast-growing for an oak, and has a dense canopy. Prefers full sun and moist, acidic, well-drained soils but tolerates most soils. Needs adequate rooting space. Considered a healthy, long-lived species.
TILIA AMERICANA 'AMERICAN SENTRY American Linden	#5	X	X	45-60 X 20-30 ft	A narrow, upright selection of the Lindon, making it better suited for smaller spaces. Fragrant pale yellow flowers in the early summer. Heart8 shaped leaves with yellow coloring in the fall. Prefers full sun to partial shade and moist, well drained soil. Prefers slightly acidic to neutral pH. Some drought and salt sensitivity.

Notes:

- ****Plant with caution.** Exceptional planting technique and early care advised. Species considered moderately difficult to plant bare root. No guarantees or refunds.
- "Native" geography defined as species located in Eastern Temperate Forests [ecoregion](#)
- **NEW!** Climate resilience info based on data from the [Resilient Canopy Project](#) of Mt. Cuba Center

Tips

- All newly planted trees are susceptible to drought, even if considered drought tolerant.
- Research species characteristics for additional site requirements and planting recommendations.
- Consider the tree species and age diversity of your community/site tree population for resiliency against pests and diseases.
 - A guideline to consider is 5-10-20 (no more than 5% of a single species, 10% genus, 20% family).

Tree Selection and Site Evaluation Resources:

Guides

- [Guide for tree selection, planting, and care](#) (TreeVitalize)
- [Choosing suitable trees for urban and suburban sites](#) (Gilman, University of Florida)
- [Right Tree for the Right Place](#) (Arbor Day Foundation bulletin)

Species Lists/Facts

- **NEW** - [NC State Plant Finder and Factsheets](#)
- **NEW** - [Recommended Urban Trees: Site Assessment & Tree Selection for Stress Tolerance](#) (Cornell University)
 - See "Trees Grouped by Site or Planting Conditions", p. 118
- **NEW** - [Search Trees and Plants](#) (Morton Arboretum)
- [Tree Species Factsheets](#) (University of Florida)
- [Tree Species Selection for Green Infrastructure](#) (Hirons and Sjöman)
- [Recommended Species](#) (Orsolya Lazar, DCNR)
- [PHS Gold Medal Plant Selection](#) (PHS)