



PHS Tree Tenders®

Spring 2026 Tree Species List

Updated 1/7/2026

Bare root (unless noted): J. Frank Schmidt (*NEW*) or Schichtel's Nursery 1.25-1.5" in caliper and 7-14' tall

Container: Tree Authority or JFS #5-#10, 0.5-1.25" in caliper, 3-10' tall

Species	Max Qty per Site	Native	Deemed Climate Resilient	Mature Size	Notes
SMALL (up to 30' tall)					
AMELANCHIER CANADENSIS** Shadblow serviceberry <i>NEW</i>	3	X		15-25 x15-20	Early flowering fragrant understory tree typically found in lowlands of NC, will grow in full sun but prefers part shade and moist well-drained sandy loam and is adaptable to both wet and dry sites and various soil types; somewhat clay tolerant; somewhat tolerant of salt but not of urban conditions. No serious problems but rust, leaf spot, blight, and powdery mildew can occur as well as leaf miner, borers and scale; deer resistance and wildlife value
CARPINUS CAROLINIANA** American hornbeam	5	X	X	20x15	Edible street or lawn tree; part shade to full sun; great wildlife value; white flowers, red fall color; improved resistance to rust, fire blight and leaf spot; may root sucker; struggles with intense heat and drought; natural hybrid, 2025 Gold Medal plant
CERCIS CANADENSIS Eastern redbud	5	X	X	25x30	Flat-topped, spreading, open, irregular; low branched often with included bark that can split if not pruned; pink flowers; flat leguminous pods; tolerant of drought and many soil types; full sun or slight shade
CRATAEGUS MARSHALLII Parsley hawthorn (CONTAINER)	3	X	X	25x25	Fern-like, deeply lobed leaves; white flowers; small red fruits. Attracts pollinators and birds. Some thorns. Tolerates wet sites; ornamental bark.
PRUNUS X 'Pink Snow Showers' Weeping higan cherry <i>NEW</i>	3			20-30 x20-30	Graceful weeping form; clean, pink fragrant flowers, dark green glossy foliage turns burnt gold-orange; vigorous grower develops into a showpiece for the yard; prefers full sun and moist, well drained soil; selected for better foliar disease resistance; may develop suckers and weeping cherry prone to Japanese beetle, trunk borer, canker and frost cracks

STEWARTIA PSEUDOCAMELLIA Japanese stewartia (CONTAINER) NEW	3			30x20	Pyramidal to oval; large white camellia like flowers bloom in late summer; attractive bark that exfoliates with age and gives winter interest; Kaleidoscopic fall color includes red, orange and purple tones; slow growing and drought intolerant; found in mountain forests of native range prefers moist, well drained rich soils; best to <u>avoid afternoon full sun in our hot, humid summer</u>
MEDIUM (30-50')					
ACER SACCHARUM 'Oregon Trail' Sugar maple NEW	3	X	X	45x40	It's a tough Kansas selection growing along the Oregon Trail, with strong branch structure, heat resistant foliage, and great fall color.
BETULA NIGRA 'Heritage' River birch	5	X	X	40x40	Light colored peeling bark; proven favorite for yards; wide spreading; susceptible to specific pests and can suffer under drought and high pH soil. <u>PHS Gold Medal plant</u>
GLEDITSIA T.I. 'Halka' Honeylocust NEW	5	X	X	40x40	Widely oval to round; a fav cultivar because of vigorous growth, heavy caliper and symmetrical full crown; occasionally reported to produce seeds
MACLURA POMIFERA 'Wichita' Osage orange	3	X	X	35x35	Upright spreading, rounded; glossy dark green leaves w/ yellow fall color; fruitless; few thorns when young becoming thornless; fast growing; adaptable Kansas selection tolerates heat, drought, and range of soils (pH, moisture); strong branch structure, but need to prune for street clearance; deer and pest/disease resistance
NYSSA SYLVATICA 'Afterburner' Blackgum/tupelo NEW	3	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.
MAGNOLIA GRANDIFLORA 'D. D. Blanchard' Southern magnolia (t #7) NEW	5	X	X	35-50 x20-35	Broadleaf evergreen with rusty soft underside of leaves; fragrant creamy white flowers; vigorous and straight; tolerates high pH, heat and drought; hardy to Zone 7, but can be grown in <u>zone 6 in wind protected location</u>
THUJA PLICATA X STANDISHII 'Green Giant' Overcup Oak (CONTAINER) NEW	3			35-50 x35-50	Great for screening due to dense uniform shape, rapid growth rate and good green color through winter, adaptable to sandy to clay soils
LARGE (50' and greater)					

ACER X FREEMANNI 'Sienna Glen' Freeman maple <i>NEW</i>	3	?	?	50x35	Minnesota cold hardy selection; Freemans, which are sometimes natural hybrids of red and silver, develop slightly deeper roots than reds giving them advantage in dry climates; broadly oval with strong central leader and develops a pyramidal form with minimal pruning; this is a tough, low maintenance tree; rusty orange to burgundy fall foliage; reported seedless
CARYA CORDIFORMIS** Bitternut hickory	3	X	X	50x30	has nuts for wildlife; long, solid tap root may make establishment difficult, tough urban trees
CELTIS OCCIDENTALIS Hackberry	5	X	X	60x40	Irregular rounded form; corky bark; urban adaptable; tolerates adverse conditions; needs room to grow; wildlife value
QUERCUS ALBA ** White oak	3	X	X	45-80 x45-80	Pyramidal to broad-rounded; nice red-purple fall color; very adaptable to sites; stately tree for large park/yards; sustenance for wildlife; large acorns, one of most difficult oaks to transplant; slow growth initially; resistant to powdery mildew; white oak group less susceptible to bacterial leaf scorch, but use cautiously with good care
QUERCUS PHELLOS Willow oak (CONTAINER)	3	X	?	40-75 x25-40	Pyramidal becoming broadly rounded; soils should be acidic, bronze-yellow to orange fall color; 1/2" acorns; fast growing with willow-like leaves; widely used as street and shade tree; one of easier oaks to plant due to fibrous root system; white oak group and willow oak less susceptible to bacterial leaf scorch, but use cautiously with good care
TAXODIUM DISTICHUM Baldcypress	5	X	X	55x30	Deciduous conifer, leaves turn an attractive, rusty fall color and bark. Extremely tolerant of salt and wet sites, with tolerance for dry as well, makes an excellent street or yard tree in wide lawns. High ecological value for wildlife
TILIA AMERICANA 'Frontyard' American linden	5	X	X	60-70 x40'	Great shade and fragrant, pollinator tree; adaptable to various soil types and pH; tolerant of shade; sensitive to heat, prolonged drought, soil compaction and salt; symmetrical, pyramidal habit when young; prune for structure; root suckers; various diseases and pests
ULMUS AMERICANA 'Jefferson' American elm	5	X	X	70x60	Young trees upright with wide, strong crotch union; dark green foliage; Dutch elm disease tolerance; widely adaptable, tolerates wet soil and acid to high pH, climate extremes and urban conditions; this cultivar selected from Washington Mall and released by NPS.

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* - [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)
- [Recommended Species](#) (Orsolya Lazar, DCNR)
- [PHS Gold Medal Plant Selection](#) (PHS)
- [Phila region species vulnerabilities/adaptations for climate change](#) (Climate Change Response Framework)
- [Tree Species Factsheets](#) (University of Florida)
- [Tree Species Selection for Green Infrastructure](#) (Hirons and Sjöman)