

2024 Reforestation Seedling Sale – Tree Characteristics

Tree Species	Sun Tolerance	Soil Tolerance	Growth Rate	Tree Growth Pattern	Tree Size	Additional Information
CONIFERS						
Arborvitae, Green Giant (<i>Thuja arborvitae</i>)	Full-part sun	Tolerates most soils; avoid wet sites	Fast	Conical	30-40 ft. high 10+ ft. wide	Dark green color all year; terrific for privacy screen and windbreaks; deer resistant
Fir, Concolor (<i>Abies concolor</i>)	Full-part sun	Rich, medium moisture, well-drained soil	Medium	Narrow conical	40-70 ft. high 20-30 ft. wide	Also known as white fir; popular Christmas tree; resembles blue spruce with blue-green-silver color
Fir, Douglas (Lincoln) (<i>Pseudotsuga menziesii var. glauca</i>)	Full-part sun	Various soils; loamy, sandy, clay, wet	Medium	Pyramidal, ornamental	60- 80 ft. high 10- 20 ft. wide	Popular Christmas tree; some deer resistance; road salt tolerant
Fir, Fraser (<i>Abies fraseri</i>)	Full-part sun	Prefers acidic, well drained soils	Slow-Medium	Pyramidal	30-40 ft. high 20-25 ft. wide	Beautiful Christmas tree, dark blue-green needles with silvery undersides, strong branches
Pine, White ** (<i>Pinus strobus</i>)	Full-part sun	Various soils; clay, dry, loamy, sandy, wet	Fast	Pyramidal, irregular	80+ ft. high 30-40 ft. wide	State tree; transplants easily; used for screen & windbreaks
Spruce, Norway (<i>Picea abies</i>)	Full-part sun	Rich, moist soils	Fast	Pyramidal, weeping branches	50-70 ft. high 25-40 ft. wide	Good for windbreaks; deer resistant
Spruce, White ** (<i>Picea glauca</i>)	Full-part sun	Variety of soils	Slow-Medium	Pyramidal	40-70 ft. high 20-30 ft. wide	Does well in urban and rural settings; light green color; beneficial to wildlife especially turkey; Christmas tree; windbreaks

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DECIDUOUS TREES						
Dogwood, Pogoda ** (<i>Cornus alternifolia</i>)	Full-part shade	Prefers acidic, moist, well-drained soils. Will tolerate some dry sites when established	Medium	Broad, oval, upright	15-25 ft. high 15-25 ft. wide	Showy flowers and dark red fall color; attracts butterflies and birds; tolerate of walnut toxicity; can be used in hedge row; can be grown under utility lines
Dogwood, White Flowering** (<i>Cornus florida</i>)	Full-part sun	Various soils; clay, loamy, sandy. Prefers moist conditions.	Medium	Round, ornamental	20-30 ft. high 20-30 ft. wide	Showy white blossoms; purple-red fall color; fruit eaten by birds and mammals, can be grown under utility lines
Hophornbeam, Eastern** (Also known as American Hophornbeam and Ironwood) (<i>Ostrya virginiana</i>)	Full sun-part shade	Prefers slightly acidic to neutral pH, moist, well-drained soils, but is adaptable can tolerate dry soil when established.	Slow-medium	Matures to a round, dense crown	20-30 ft. high 10-20 ft. wide	Papery hop-like flowers, golden yellow-orange fall color and shaggy bark when mature. Provides food for many bird species, larval butterflies and moths. Has few pests. Is sensitive to road salt.
Maple, Red ** (<i>Acer rubrum</i>)	Full Sun-part shade	Various soils: loamy, moist, sandy, silty	Medium-Fast	Narrow, dense crown, ornamental	40-60 ft. high 30-40 ft. wide	Red fall color; tolerates wet soil, drought, black walnut, and air pollution; deer resistant
Maple, Sugar ** (<i>Acer saccharum</i>)	Full sun-part shade	Rich, moist soil	Medium	Round, dense crown	60-80 ft. high 30-60 ft. wide	Orange to red fall color; produces sap for syrup; leaves compost well

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Oak, Pin ** (<i>Quercus palustris</i>)	Full sun	Prefers medium to wet, loamy, acidic soils. Can tolerate poorly drained soil and some flooding and can adapt to drier, urban conditions.	A faster growing red oak species	Pyramidal when young and matures to rounded shape.	50-70 ft. high 60+ ft. wide	Dark green leaves. Tolerates heat and air pollution. Provides food for wildlife. Fall foliage is orange-bronze.
Oak, Shingle ** (<i>Quercus imbricaria</i>)	Full-part Sun	Prefers moist, well-drained acidic soils, but tolerates intermittent drought and is adaptable to adverse soils.	Medium	Symmetrical when young and matures with a rounded crown.	50-70 ft. high 30-50 ft. wide	Shiny, unusual lance shaped leaves. Can be used as an ornamental and shade tree. Attracts wildlife. Tolerates city conditions.
Oak, White** (<i>Quercus alba</i>)	Full-part sun	Various soils; clay, loamy, sandy, dry, wet	Medium	Round - oval	60-80 ft. high 40+ ft. wide	Keystone ecosystem tree, important insect host plant; fall color; attracts wildlife.
Plum, American ** (wild) (<i>Prunus americana</i>)	Full-part sun	Various soils; clay, loamy, well-drained, slightly acidic	Medium-fast	Round	10-20 ft. high 15-25 ft. wide	White spring flowers and small 1 inch edible plums. Attracts pollinators, songbirds, turkey. Great alternative to invasive pear.
Poplar, Tulip ** (<i>Liriodendron tulipifera</i>)	Full sun	Various soils; clay, loamy, sandy, wet	Fast	Oval	70-100 ft. high 30-40 ft. wide	Leaves and flowers have a "tulip" shape
Redbud Eastern ** (<i>Cercis canadensis</i>)	Full-part sun	Various soils; clay, loamy, sandy	Medium - fast	Rounds, ornamental	20-40 ft. high 20 ft. wide	Heart shaped leaves. Purple-red fragrant flowers in early spring.

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Serviceberry, Allegheny ** (<i>Amelanchier laevis</i>)	Full sun-part shade	Prefers moist, well-drained soil, but tolerates various soils	Medium	Upright, thicket form	15-30 ft. high 15-30 ft. high	White blossoms; edible berries; attracts birds; fall color; deer resistant
Sycamore, American ** (<i>Plantanus occidentalis</i>)	Full sun-part shade	Prefers rich, moist soil but will do well in average, medium to wet well-drained soils	Medium-fast	Horizontal branching and rounded habit	60-90 ft. high 40-60 ft. wide	Interesting bark; has black walnut and air pollution tolerance; deer resistant
SPECIALTY SHRUBS						
Button Bush ** (<i>Cephalanthus occidentalis</i>)	Full sun-part shade	Average moisture to very wet soils	Fast	Round	5-12 ft. high 4-8 ft. wide	White rounded ball-shaped flowers and attracts pollinators. Good for naturalizing shorelines and can grow
Highbush Cranberry, American** (<i>Viburnum trilobum</i>)	Full sun-part shade	Prefers average, moist, well-drained soil. Will tolerate	Medium	Dense, rounded, spreading habit	8-12 ft. high 8-12 ft. wide	Low maintenance. Showy flowers and red berries. Attractive hedge or specimen bush. Attracts butterflies
Elderberry, American ** (<i>Sambucus canadensis</i>)	Full sun-part shade	Prefers rich, moist soil but will tolerate well-drained soil.	Fast	Round wide shape	5-12 ft. high 3-8 ft. wide	White flowers attract butterflies and other insects; edible fruit. Some deer resistance. Black walnut resistant.

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