



2023 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 12-20 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 (<i>Pseudotsuga menziesii</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
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

**Michigan Native

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DECIDUOUS TREES						
Birch, Paper** (<i>Betula papyrifera</i>)	Full sun-part shade	Various soils; loamy, sandy, moist	Fast	Oval shape	40-70 ft. high 25-50 ft. wide	Creamy, white curling thin bark. Yellow fall color; provides food for ruffed grouse, small birds and mammals
Black Gum** also Black Tupelo (<i>Nyssa sylvatica</i>)	Full sun-part shade	Various soils: acidic, loamy, moist, sandy, well drained soils	Slow-Medium	Oval	30-50 ft. high 20-30 ft. wide	Very attractive all year with impressive yellow, orange, scarlet and purple fall colors. Important for pollinators; attracts birds
Black Walnut** (<i>Juglans nigra</i>)	Full sun	Tolerates a wide variety of soils. Prefers rich, well drained, loamy soil	Medium	Round, low branching, open crown	50-80 ft. high 50-80 ft. wide	Important source of wildlife food. Wood prized for woodworking. Brown husks used for dyeing. Edible nuts.
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
Maple, Red ** (<i>Acer rubrum</i>)	Full Sun	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	40-80 ft. high 30-60 ft. wide	Orange to red fall color; produces sap for syrup; leaves compost well
Oak, Bur ** (<i>Quercus macrocarpa</i>)	Full sun-part shade	Various soils; acidic, alkaline, loamy, sandy, well-drained, wet, clay; some drought	Slow	Round	60-80 ft. high 60+ ft. wide	Tolerates pollution & heat stress; acorns for wood ducks, turkey, deer

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Oak, Swamp White ** (<i>Quercus bicolor</i>)	Full Sun	Moist, acidic soils, along river bottoms, wetland edges	Fast	Broad, wide crown	60-90 ft. high 40-60 ft. wide	Landscape plant
Oak, White** (<i>Quercus alba</i>)	Full-part sun	Various soils; clay, loamy, sandy, dry, wet	Medium	Round, oval, ornamental	60-80 ft. high 40+ ft. wide	Fall color; nut bearing
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 20-30 ft. wide	Purple-red flowers in early spring, fragrant
Serviceberry, Downy ** (<i>Amelanchier arborea</i>)	Full sun-part shade	Moist, well drained soil, but tolerates various soils	Medium	Upright, thicket form	15-25 ft. high 15-30 ft. wide	White blossoms; edible berries; attracts birds; fall color; deer resistant
SPECIALTY SHRUBS						
Dogwood, Red Osier ** (<i>Cornus sericea</i>)	Full sun-part shade	Moist, well drained soils. Adaptable to wide range of soils	Fast	Round	3-9 ft. high 8-10 ft. wide	Beautiful red branches, white flower clusters, white berries, fall color. Attracts pollinators.
Hazelnut, American ** (<i>Corylus americana</i>)	Full sun-part shade	Prefers well drained, loamy soil. Tolerates a wide range of pH.	Medium-Fast	Dense, multi-stemmed, rounded shrub	6-10 ft. high 4-6 ft. wide	Excellent for naturalizing, woodland gardens and shade areas. Showy flowers and fall color. Nuts attract birds such as woodpeckers
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
New Jersey Tea ** (<i>Ceanothus americanus</i>)	Full sun-part shade	Prefers alkaline, moist, sandy, well	Medium	Mounded, round	3-5 ft. high 3-5 ft. wide	Tolerates road salt; white summer flowers, butterfly host; showy in

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