

# 2021 Tree Sales - Tree Characteristics



# Kalamazoo Conservation District

Tree Species	Sun Tolerance	Soil Tolerance	Growth Rate	Tree Growth Pattern	Tree Size	Extras
<b>CONIFERS</b>						
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; Common 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	Common Christmas tree, deer resistant
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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Apricot, Hardy <i>(Prunus armeniaca)</i>	Full sun	Loamy, sandy, alkaline and well drained soils	Medium	Rounded	8-10 ft. high 8-10 ft. wide	Protect from winds. Are self-pollinated, but produce best when planted near other prunus species
Aspen, Quaking * <i>(Populus tremuloides)</i>	Full sun	Various soils; clay, loamy, sandy, wet	Fast	Columnar	40-60 ft. high 20-30 ft. wide	Unique bark; yellow fall color; provides food for ruffed grouse, deer, birds; timber products
Birch, River * <i>(Betula nigra)</i>	Full sun-part shade	Various soils; acidic, loamy, sandy, clay	Medium-Fast	Spreading canopy, ornamental	40-70 ft. high 40-60ft. wide	Good for erosion control; will tolerate moderate flooding and some drought
Cherry, Black * <i>(Prunus serotina)</i>	Full-part sun	Various soils; clay, loamy, sandy, wet	Fast	Oval, ornamental	80 + ft. high 20-40 ft. wide	High quality wood; provides food for birds; fragrant white flowers
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 fall color; attracts butterflies and birds; tolerate of walnut toxicity; can be used in hedge row; can be grown under utility lines
Gum, Black * (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
Sugar Maple * <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
White Oak * <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
Paw Paw * <i>(Asimina triloba)</i>	Full-part sun	Moist, well drained, wet	Slow	Pyramidal, ornamental, thicket forming	15-20 ft. high 15-20 ft. wide	Spring blossoms; fall color; edible fruit. May be challenging to establish.

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Tulip Poplar * <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
Eastern Redbud * <i>(Cercis canadensis)</i>	Full-part sun	Various soils; clay, loamy, sandy	Medium to fast	Round, ornamental	20-40 ft. high 20-30 ft. wide	Purple-red flowers, fragrant
Witchhazel * <i>(Hamamelis virginiana)</i>	Full sun-part shade	Prefers rich, moist soil, but can be grown in various soils	Slow	Upright, ornamental	15-20 ft. high 15-20 ft. wide	Yellow, fragrant blooms in fall; good for hedges & raingardens

<b>SPECIALTY SHRUBS</b>						
Cranberry, American Highbush * <i>(Viburnum trilobum)</i>	Full sun-part shade	Prefers average, moist, well-drained soil. Will tolerate range of soils.	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 and birds.
Hazelnut, American * <i>(Corylus americana)</i>	Full sun-part shade	Prefers well drained, loamy soil. Tolerates 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.
Willow, pussy * <i>(Salix discolor)</i>	Full sun-part shade	Prefers acidic, loamy, rich, well drained soils. Will grow in average garden soil.	Fast	Oval	6-15 ft. high 4-12 ft. wide	Male and female plants. Low maintenance; good for raingardens and water edges; tolerates deer, wet soils, erosion and black walnut. Can be pruned to maintain small shrub.
<b>*Michigan native species</b>						

