

TREE & SHRUB INFORMATION SHEET

TUSCOLA CONSERVATION DISTRICT 1075 CLEAVER RD. CARO, MI.

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Type: C = Conifer-cone bearing tree; green all year round., H = hardwood, S = shrub, small, woody, deciduous plant.

Common/ Scientific Name	Type	Height	Growth Speed	Fruit	Site	Soil	Wildlife/Uses
White Pine (<i>Pinus strobus</i>)	C	80'-120'	Moderate to fast	Cones	Somewhat Shade Tolerant	Rich, porous, moist to well- drained	Timber, borders, & wildlife cover
Red Pine (<i>Pinus resinosa</i>)	C	50'-80'	Moderate to fast	Cones	Plant in open area	Well drained, sandy	Timber, windbreaks, wildlife habitat & forage
White Spruce (<i>Picea glauca</i>)	C	60'-90'	Slow to Moderate	Cones	Somewhat shade tolerant	Moist sandy loam	Wildlife cover, windbreak, Christmas trees
Blue Spruce (<i>Picea pungens</i>)	C	80'-100'	Slow	Cones	Semi shade tolerant	Rich, moist soils	Does not tolerate salt, wildlife cover, windbreak, Christmas trees
Norway Spruce (<i>Picea abies</i>)	C	60'-90'	Moderate to fast	Cones	Shade tolerant	Moist clay to loam; tolerates variety of soil	Wildlife cover, windbreak, especially preferred by deer & grouse
White Cedar (<i>Thuja occidentalis</i>)	C	40'-50'	Slow	Cones	Shade tolerant	Tolerates wet soils	Excellent wildlife habitat and forage, hedges & windscreen, ornamental
Red Cedar (<i>Juniperus virginiana</i>)	C	20'-60'	Slow	Cones	Shade tolerant	Moist, well- drained, upland soils	Windbreak, wildlife cover & forage, repopulates well in open areas, rot resistant
Concolor Fir (<i>Abies concolor</i>)	C	50'-70'	Moderate	Cones	Grows in a variety of locations	Well drained upland soils	Windbreak, hedge row, Christmas trees

Balsam Fir (<i>Abies balsamea</i>)	C	40'-50'	Moderate	Cones	Shade tolerant	Tolerates wet soils	Wildlife cover, wind break, Christmas trees
Fraser Fir (<i>Abies fraseri</i>)	C	30'-50'	Slow to moderate	Cones	Full sun	Moist, well-drained	Wildlife habitat, windbreak, Christmas trees
American Chestnut (<i>Castanea dentate</i>)	H	80'-100'	Moderate	Catkins	Full sun	Well drained acidic soils	Rot resistant, wildlife habitat & forage, timber (furniture), edible nuts
Red Oak (<i>Quercus rubra</i>)	H	60' - 80'	Fast	Acorns	Full Sun	Well drained upland soils	Important wildlife habitat & forage, timber (furniture & trim)
White Oak (<i>Quercus alba</i>)	H	60'-80'	Moderate	Acorns	Full Sun	Moist, well drained, upland soils	Wildlife habitat & forage, timber (furniture & trim), decay resistant
Burr Oak (<i>Quercus macroarpa</i>)	H	50'-75'	Slow to moderate	Acorns	Full sun	Moist, well drained soils	Wildlife habitat & forage, timber (furniture & trim)
Flame Maple (<i>Acer reburm</i>)	H	50'-70'	Moderate	Samaras	Shade tolerant	Moist, well drained, upland soils	Ornamental, bright red fall colors
Sugar Maple (<i>Acer saccharum</i>)	H	70'-100'	Slow to moderate	Samaras	Shade tolerant	Moist, fertile, well drained, upland soils	Ornamental, high value timber, maple syrup
Red Maple (<i>Acer ruhrum</i>)	H	50'-70'	Fast	Samaras	Shade tolerant	Variety of soils, tolerates wet soils	High restoration value, red fall colors
Sycamore (<i>Platanus occidentalis</i>)	H	80'-120'	Fast	Flowers & berries	Full sun, shade tolerant	Moderate to wet soils, well drained, lowlands	Wildlife habitat & forage, timber, windbreak

Sargent Crabapple (<i>Malus sargentii</i>)	H	6'-8'	Slow	Flowers & fruits	Full sun	Variety of soils, prefers loamy, well drained	Wildlife habitat & forage, very showy landscaping or ornamental
Black Cherry (<i>Prunus serotina</i>)	H	50'-80'	Moderate to fast	Flowers & fruits	Full sun to part shade	Moist loams, well drained	Wildlife habitat & forage, valuable timber, fruits can be used for jams
American Persimmon (<i>Diospyros virginiana</i>)	H	20'-60'	Slow	Flowers & fruits	Shade tolerant	Variety of soils	Wildlife habitat & forage, windbreak
Hawthorne (<i>Crataegus</i>)	H	15'-50'	Moderate	Flowers & fruits	Full sun/semi shade	Variety of soils, heavy clay tolerant	Wildlife habitat & forage, nectar supply for pollinators
Hybrid Poplar	H	60'-130'	Fast	Catkins	Full sun	Well drained, tolerant of sands & clays	Wildlife habitat & forage, firewood source (grows quickly), windbreak
Dawn Redwood (<i>Metasequoia glyptostroboides</i>)	H	70'-100'	Fast	Cones	Full sun	Well drained, tolerant, of clay	Wildlife habitat, landscaping, windbreak
White Birch (<i>Betula papyrifera</i>)	H	50'-70'	Moderate	Nuts & catkins	Shade tolerant	Variety of soils, prefers moderate to well drained	Wildlife habitat & forage, excellent fire starter, showy bark (ornamental)
Fountain Grass (<i>Pennisetum setaceum</i>)	S	1'-3'	Fast	Flowers	Open areas	Dry, well drained	Ornamental
Butterfly Bush (<i>Buddleia davidii</i>)	S	4'-6'	Fast then slow	Flowers	Full sun	Well drained, moist, loamy soil	Attracts pollinators, comes in a variety of colors
Silky Dogwood (<i>Cornus amomum</i>)	S	10'-12'	Moderate	Blue berries	Shade tolerant	Variety of soils, prefers moist	Fruits eaten by songbirds, windbreaks, wildlife habitat & forage

Common Lilac (<i>Syringa vulgaris</i>)	S	15'-20'	Moderate	Flowers	Shade tolerant	Variety	Ornamental
Elderberry (<i>Viburnum lentago</i>)	S	6'-8'	Fast	Flowers & fruits	Shade tolerant, grows fast in full sun	Variety of dry soils, not wet tolerant	Edible fruits for jam/wine/etc., excellent wildlife habitat & forage (including quail & pheasants)
Arrowwood (<i>Virburnum dentatum</i>)	S	8'-10'	Fast	Flowers & fruits	Somewhat shade tolerant	Well drained soils	Berries eaten by songbirds
Serviceberry (<i>Amelanchier arborea</i>)	S	10'-30'	Moderate	Flowers & berries	Full sun to semi-shade	Medium to well drained soils, clay tolerant	Wildlife habitat & forage, landscaping/ ornamental
Trumpet Vine (<i>Campsis radicans</i>)	S (vine)	20'-40'	Fast	Flowers	Full sun for flowering, shade tolerant	Variety of soils	Habitat for birds & pollinators, especially attractive to hummingbirds
Winterberry Holly (<i>Ilex verticillata</i>)	S	5'-15'	Moderate	Flowers & berries	Full sun to semi-shade	Variety of soils, prefers moist, acidic organic loams	Hedging, landscaping, rain gardens, habitat for birds
Highbush Cranberry (<i>Viburnum trilobum</i>)	S	5'-15'	Moderate	Flowers & fruit	Full sun to semi-shade	Variety of soils, prefers well drained, loamy soils	Wildlife habitat & forage, ornamental/ Landscaping, edible but tart fruit
Blazing Star (<i>Liatris spicata</i>)	S (flower)	2'-4'	Fast	Flowers	Full sun	Medium to well drained soils, tolerant of clay	Habitat for birds & pollinators, ornamental/ landscaping
Forsythia (<i>Forsythia suspensa</i>)	S	6'-10'	Moderate	Flowers & fruits	Full sun to semi-shade	Medium, well drained soils	Wildlife habitat, ornamental/ landscaping