TREE & SHRUB INFORMATION SHEET

Type: C = Conifer, H = hardwood, S = shrub

Common/ Scientific Name	Type	Height	Growth Speed	Fruit	Site	Soil	Wildlife/Uses
White Pine (*Pinus strobus*)	C	80'-120'	Moderate to Fast	Cones	Somewhat Shade Tolerant	Rich, porous, moist to well-drained	Timber, borders, & wildlife cover
Red Pine (*Pinus resinosa*)	C	50'-80'	Moderate to Fast	Cones	Plant in open area	Well drained, sandy	Timber, windbreaks, wildlife habitat & forage
White Spruce (*Picea glauca*)	C	60'-90'	Slow to Moderate	Cones	Somewhat shade tolerant	Moist sandy loam	Wildlife cover, windbreak, Christmas trees
Blue Spruce (*Picea pungens*)	C	80'-100'	Slow	Cones	Semi shade tolerant	Rich, moist soils	Does not tolerate salt, wildlife cover, windbreak, Christmas trees
Norway Spruce (*Picea abies*)	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 (*Thuja occidenbtalis*)	C	40'-50	Slow	Cones	Shade tolerant	Tolerates wet soils	Excellent wildlife habitat and forage, hedges & windscreen, ornamental
Concolor Fir (*Abies concolor*)	C	50'-70'	Moderate	Cones	Grows in a variety of locations	Well drained upland soils	Windbreak, hedge row, Christmas trees
Balsam Fir (*Abies balsamea*)	C	40'-50'	Moderate	Cones	Shade tolerant	Tolerates wet soils	Wildlife cover, wind break, Christmas trees
Tamarack (*Larix laricina*)	C	40' - 80'	Fast	Cones	Full Sun	Tolerates wet and acidic soils	Wildlife cover, limited modern uses (I.E. poles, pulpwood, etc)
Giant Green Arborvitae (*Thuja standishii x plicata*)	C	50' - 60'	Fast	Cones	Full - Part Sun	Tolerates various soils execpt wet areas	Wildlife cover and landscaping, higher resistance to deer browse
Red Oak (*Quercus rubra*)	H	60'- 80'	Fast	Acorns	Full Sun	Well drained upland soils	Important wildlife habitat & forage, timber (furniture & trim)

White Oak (*Quercus alba*)	H	60'-80'	Moderate	Acorns	Full Sun	Moist, well drained, upland soils	Wildlife habitat & forage, timber (furniture & trim), decay resistant
Chinkapin Oak (*Quercus muehlenbergii)*	H	40' - 60'	Slow to Moderate	Acorns	Full Sun	Well drained soils	Wildlife habitat and food & timber
American Crabapple *(Malus coronaria)*	H	15' - 25'	Moderate	Flowers and Fruit	Full Sun	Variety of soils	Wildlife and ornamental
Silver Maple *(Acer saccharinum)*	H	50' - 80'	Fast	Samaras	Full/Partial Sun	Tolerates wet soils	Timber, Wildlife cover, Maple Syrup
Tulip Poplar *(Liriodendron tulipifera)*	H	70' - 100'	Fast to Moderate	Samaras	Full sun, shade tolerant	Moist, well drained, upland soils	Ornamental, wood products, wildlife value
Flame Maple (*Acer reburm*)	H	50'-70'	Moderate	Samaras	Shade tolerant	Moist, well drained, upland soils	Ornamental, bright red fall colors
Sugar Maple (*Acer saccharum*)	H	70'-100'	Slow to Moderate	Samaras	Shade tolerant	Moist, fertile, well drained, upland soils	Ornamental, high value timber, maple syrup
Red Maple (*Acer ruhrum*)	H	50'-70'	Fast	Samaras	Shade tolerant	Variety of soils, tolerates wet soils	High restoration value, red fall colors
Sycamore (*Platanus occidentalis*)	H	80'-120'	Fast	Flowers & berries	Full sun, shade tolerant	Moderate to wet soils, well drained, lowlands	Wildlife habitat & forage, timber, windbreak
Catalpa *(Catalpa speciosa)*	H	40' - 60'	Moderate to Fast	Flowers and seed pods	Full sun	Wide range of soils	Ornamental, shade tree
Shagbark Hickory	H	60' - 80'	Slow	Nuts	Full sun	Variety of soils	Wildlife habitat & forage, timber
American Persimmon (*Diospyros virginiana*)	H	20'-60'	Slow	Flowers & fruits	Shade tolerant	Variety of soils	Wildlife habitat & forage, windbreak

Name	Type	Height	Growth Rate	Reproduction	Sun	Soil	Uses
Dawn Redwood (*Metasequoia glyptostrobodies*)	H	70'-100'	Fast	Cones	Full sun	Well drained, tolerant, of clay	Wildlife habitat, landscaping, windbreak
White Birch (*Betula papyrifera*)	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)
Golden Raintree (*Koelreuteria paniculata)*	H	30' - 40'	Moderate to Fast	Flowers	Full Sun	Tolerates a variety of soil types	Ornamental
Fountain Grass (*Pennisetum setaceum*)	S	1'-3'	Fast	Flowers	Open areas	Dry, well drained	Ornamental
Butterfly Bush (*Buddleia davidii*)	S	4'-6'	Fast then slow	Flowers	Full sun	Well drained, moist, loamy soil	Attracts pollinators, comes in a variety of colors
Silky Dogwood (*Cornus amomum*)	S	10'-12'	Moderate	Blue berries	Shade tolerant	Variety of soils, prefers moist	Fruits eaten by songbirds, windbreaks, wildlife habitat & forage
Common Lilac (*Syringa vulgaris*)	S	15'-20'	Moderate	Flowers	Shade tolerant	Variety	Ornamental
Elderberry (*Viburnum lentago*)	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 (*Virburnum dentatum*)	S	8'-10'	Fast	Flowers & fruits	Somewhat shade tolerant	Well drained soils	Berries eaten by songbirds
Nannyberry (*Viburnum lentago)*	S	8' - 12'	Moderate	Flowers & Fruits	Shade tolerant	clay-loam soils tolerates wet feet	Wildlife food and cover, edible berries, windbreaks
Ninebark	S	3' - 10'	Moderate to Fast	Flowers & fruits	Full to Partial Sun	Variety of soils	Wildlife food and cover, windbreaks, hedgerows
Pussy Willow (*Salix caprea)*	S	15' - 20'	Fast	Catkins	Full to Partial Sun	Well drained soils, soil types varies	Ornamental

Japanese Lilac *(Syringa reticulata)*	S	15' - 20'	Moderate	Flowers	Full Sun	Wide variety of soils	Ornamental, Good for pollinators, humming birds and butterflies
Highbush Cranberry (*Viburnum trilobum*)	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
Forsythia (*Forsythia suspensa*)	S	6'-10'	Moderate	Flowers & fruits	Full sun to semi- shade	Medium, well drained soils	Wildlife habitat, ornamental/ landscaping
American Hazelnut *(Corylus americana)*	S	10' - 15'	Moderate to Fast	Nuts & catkins	Full to Partial Sun	Wide variety of soils	Hedge rows, Wildlife food and cover, Nuts for human consumption