

General Tree Descriptions

Species	Description	Ideal Site Conditions	Uses
Conifer			
White Cedar	40-60' tree	Full sun, well drained soil	Windbreak, wildlife use
Canaan Fir	40-55' tree	Tolerant of wetter soils	Windbreak & wildlife use
Concolor Fir	30-50' tree	Prefers deep, rich, moist, well-drained soils, no heavy clays	Windbreak & wildlife use
Douglas Fir	40-80' tree	Neutral or slightly acidic, well drained, moist soils	Wildlife use, Christmas tree
Fraser Fir	30-40' tree	Prefers moist, well drained loam soils, sun or partial shade	Wildlife use, Christmas tree
White Pine	50-80' tree	Moist well drained fertile soil, full sun	Windbreak, wildlife use, & timber
Colorado Blue Spruce	30-60' tree	Prefers rich, moist soil, full sun, very adaptable	Windbreak, wildlife use, Christmas tree
Norway Spruce	40-60' tree	Moderately moist, well drained soil, full sun or light shade	Windbreak, wildlife use, Christmas tree
Deciduous			
American Hazelnut	8-15' shrubby tree	pH adaptable, sun to light shade	Wildlife use
Black Tupelo (Gum)*	30-50' tree	Well drained soil, prefers slightly acidic soil	Wildlife use
Eastern Redbud	20-30' tree	Full sun or light shade, various soil conditions	Wildlife use
Forsythia	8-10' shrub	Prefers loose soil, but does well in any type, best in full sun	Wildlife use & screening
Hybrid Poplar*	100' tree	Rapid growing, wet tolerant	Windbreak & shade
Lilac - Common	8-15' shrub	Well drained to moist neutral soil, full sun	Screens, windbreaks & wildlife use
Native Birch*	50-70' tree	Well-drained acidic moist sandy and silt loams, full sun	Wildlife use & riparian buffers
Red Osier Dogwood*	7-9' shrub	Prefers wet or swampy conditions	Erosion control & riparian buffers
Sugar Maple	60-75' tree	Prefers well drained moist fertile soil	Wildlife use & timber
Swamp White Oak	60' tree	Prefers full sun, slow growing	Wildlife use & timber
Winterberry	18-24' shrub	Grows in wet areas near ponds, streams, or wet woods	Wildlife use, erosion control
Fruits & Berries			
Apple	10-15' Semi Dwarf Tree	Full sun, well drained soil	Wildlife use, Backyard Homesteading
Blackberry	5' spreading shrub	Prefers full sun, well-drained soils	Wildlife use & erosion control
Blueberry - Highbush	6-12' shrub	Acidic soil, full sun	Wildlife use, Backyard Homesteading
Cherry	25-35' tree	Full sun, well drained, sandy soil, not drought tolerant	Wildlife use, Backyard Homesteading
Elderberry*	5-12' shrub	Tolerates wet soil & roadside conditions, best in full sun	Wildlife use, Backyard Homesteading
Pear	12-20' Semi Dwarf Tree	Prefers moist, well drained soils, full sun	Wildlife use, Backyard Homesteading
Plum	15-20' Semi Dwarf Tree	Prefers well drained soil, full sun	Wildlife use, Backyard Homesteading
Red Raspberry	3-5' spreading shrub	Prefers full sun and deep well-drained soils	Wildlife use, Backyard Homesteading
Ground Cover			
Hosta	18-22"	Best in well drained soil, part shade to full sun	Erosion control & wildlife use
Sedum Dragon's Blood	4-6"	Prefers full sun but is shade tolerant	Erosion control
Conservation Pacs			
The following species are included in one of the conservation pacs along with those marked with *			
American Cranberry	8-12' shrub	Sun to partial shade, well-drained, moist soil	Wildlife use & screening
Black Chokeberry	5-8' shrub	Full to partial sun, prefers moist, well-drained soils	Erosion control & wildlife use
Black Walnut	50-70' tree	Prefers deep rich moist soil	Wildlife use & timber
Buffaloberry	6-10' thorny shrub	Full sun, drought tolerant	Wildlife use, riparian buffers
Buttonbush	3-6' shrub	Prefers wet conditions - bordering streams and lakes	Riparian buffers
Chinquapin Oak	40-50' tree	Prefers well drained soils, full sun to part shade	Wildlife use
Juneberry	10-18' shrub	Tolerates harsh climates, full sun to partial shade	Wildlife use & windbreak
Ninebark	5-9' shrub	Tolerant of a wide range of soil, full sun	Wildlife use
Pin Oak	60-70' tree	Prefers moist, rich, acidic, well-drained soil	Wildlife use & timber
Red Maple	60' tree	Prefers slightly acid soils	Wildlife use
Red Oak	60-75' tree	Sandy well drained acidic soil, full sun	Wildlife use & timber
Sawtooth Oak	35-45' tree	Prefers acid, well drained soils, drought tolerant	Wildlife use
Silver Maple	50-70' tree	Tolerates a wide range of soil conditions, prefers full sun	Shade & wildlife use
Sycamore	75-100' tree	Fast growing, prefers moist soil	Windbreak & Riparian Buffers
White Willow	50-80' tree	Moist soil, full sun to partial shade	Windbreaks, wildlife, & riparian buffer