

## Tree/Shrub Species Profiles

Group	Species	Mature Height (ft)	Sun Preference	Soil Conditions *Very Dry	Browse Potential	Uses
Conifers	Cedar, Red	30-45	Full Sun	Mesic to Dry*	Low	Windbreaks, Wildlife, Riparian
	Cedar, White	30-50	Full Sun to Full Shade	Wet to Mesic	High	Windbreaks, Wildlife, Riparian
	Fir, Balsam	30-80	Full Shade	Wet to Mesic	High	Wildlife
	Fir, Concolor	40-70	Full Sun to Full Shade	Mesic to Dry		Ornamental, Christmas Trees
	Fir, Douglas	40-70	Partial Shade	Mesic, Acidic		Ornamental, Christmas Trees
	Hemlock	70-100	Full Sun to Full Shade	Wet to Mesic	High	Riparian
	Pine, Jack	40-60	Full Sun	Very Sandy*		Wildlife, Timber
	Pine, Red	65-100	Full Sun	Very Sandy*	Medium	Windbreaks, Timber
	Pine, White	70-100	Full Sun to Partial Shade	Wide Range	Low	Windbreaks, Wildlife, Christmas Trees
	Spruce, Black Hills	60-80	Partial Shade	Mesic to Dry		Windbreaks, Ornamental
	Spruce, Blue	30-60	Full Sun to Full Shade	Mesic to Dry		Ornamental, Christmas Trees
	Spruce, Norway	50-80	Full Sun to Full Shade	Wide Range		Ornamental, Windbreaks
	Spruce, White	50-80	Partial Shade	Wet to Dry	Low	Windbreaks, Christmas Trees
	Tamarack	40-80	Full Sun to Partial Shade	Mesic to Dry		Wildlife, Timber, Riparian
Hardwoods	Ash, White			Wet to Mesic	Medium	Riparian
	Aspen, Bigtooth		Full Sun	Wet to Dry	Medium	Windbreaks, Timber
	Aspen, Quacking		Full Sun	Wet to Dry	Medium	Windbreaks, Timber
	Cherry, Black		Full Sun to Partial Shade	Mesic to Dry*	Medium	Wildlife, Timber
	Chestnut, American	60-80	Full Sun to Partial Shade	Mesic to Dry	High	Wildlife, Human Use: Food
	Chestnut, Chinese		Full Sun to Partial Shade	Mesic to Dry	High	Wildlife, Human Use: Food
	Birch, Paper/White	40-65	Full Sun	Wide Range*	Medium	Windbreaks, Wildlife
	Poplar, Hybrid	30-50	Full Sun	Wide Range		Ornamental, Windbreak, Wildlife
	Maple, Red	50-70	Partial Sun to Full Shade	Wet to Dry	Medium	Riparian, Wildlife
	Maple, Sugar	60-100	Partial Sun to Full Shade	Mesic to Dry	High	Timber, Wildlife
	Oak, Red	65-90	Full Sun to Partial Shade	Wide Range*	High	Timber, Wildlife
	Oak, White	70-90	Full Sun to Partial Shade	Wide Range*	High	Timber, Wildlife
	Walnut, Black				Medium	Timber, Wildlife

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<b>Wildlife Shrubs</b>	American Plum	10-20	Full Sun	Wide Range*	Medium	Wildlife, Human Use: Food
	Arrowwood	6-12	Partial Shade	Dry		Wildlife
	Black Chokeberry	2-7	Full Sun to Partial Shade	Mesic to Dry		Wildlife
	Butterfly Bush	5-10	Full Sun	Mesic to Dry		Pollinators
	Elderberry (Common)		Full Sun to Partial Shade	Mesic		Wildlife, Human Use: Food
	Forsythia	10-15	Full Sun to Partial Shade	Wide Range		Ornamental
	Gray Dogwood	3-12	Full Sun to Full Shade	Wide Range		Ornamental, Wildlife
	Hazelnut	6-12	Partial Sun to Full Shade	Mesic to Dry	Medium	Wildlife, Human Use: Food
	Highbush Cranberry	3-13	Full Sun	Wet to Mesic		Wildlife, Human Use: Food
	Lilac (Common)	12-15	Full Sun	Wide Range		Ornamental
	Mountain Ash	12-25	Partial Sun to Full Shade	Wet to Dry		
	Nanking Cherry	6-10	Full Sun	Wide Range		Wildlife, Human Use: Food
	Nannyberry	13-23	Partial Sun	Wet to Mesic		Wildlife
	Pussy Willow	12-20	Full Sun	Mesic		Wildlife
	Red Mulberry	12-20	Full Sun to Full Shade	Mesic to Dry		Wildlife, Human Use: Food
	Red Osier Dogwood	4-6	Full Sun to Partial Shade	Wet to Mesic		Wildlife
	Roselow "Sargent" Crab	8-10	Full Sun	Dry	High	Pollinators, Wildlife
	Sand Cherry		Full Sun	Dry		
	Serviceberry	10-20	Partial Sun	Mesic to Dry		Wildlife
	Sumac	20-30	Full Sun	Mesic to Dry		Ornamental, Wildlife, Human Use: Food
	Trumpet Vine	12-20	Full Sun	Mesic to Dry		Ornamental, Pollinators
	Washington Hawthorne	25-30	Full Sun	Wet to Dry*	Medium	Wildlife
	Winterberry Holly	5-10	Full Sun	Mesic		Wildlife
	Witch Hazel	15-25	Full Sun to Full Shade	Wide Range		Wildlife, Human Use: Medicinal