

Variety	Mature Height	Mature Width	Tree Spacing Within Row	Tree Spacing Between Rows	Annual Growth Rate	Sibley Native (Y/N)	Wildlife Value	Drought Tolerance	Drainage Tolerance	Sun/Shade Tolerance	Preferred Soil
Evergreen/Conifer											
Black Hills Spruce	30-60'	15-25'	8-16'	20'	<12"	N	Excellent	Moderate	Moderate	Full/Partial	Variety
Colorado Spruce	50-75'	10-20'	8-16'	20'	<12-24"	N	Excellent	Moderate	Good	Full	Variety - Well Drained
Norway Spruce	60-90'	20-30'	8-16'	20'	13-24"	N	Excellent	Moderate	Moderate	Full/Partial	Variety
Red Pine	80-120'	20-30'	8-16'	20'	13-24"	N	Excellent	Low	Moderate	Low	Loamy - Well Drained
White Pine	80-130'	20-40'	8-16'	20'	>24"	N	Excellent	Moderate	Moderate	Full/Partial	Variety - Well Drained
American Arborvitae	15-35'	6-20'	6-10'	20'	<12-24"	N	Excellent	Moderate	Good	Full	Variety
Tall Trees											
Black Walnut	50-75'	50-70'	10-20'	16-20'	13-24"	Y	Excellent	Moderate	Moderate	Full	Variety
Sugar Maple	60-75'	40-50'	10-20'	16-20'	<12-24"	Y	Fair	Moderate	Moderate	Full/Partial	Loamy - Well Drained
Red Maple	40-60'	30-40'	10-20'	16-20'	13-24"	N	Good	Poor	Good	Full	Variety
Swamp White Oak	50-80'	50-80'	10-20'	20'	<12-24"	Y	Excellent	Moderate	Good	Full/Partial	Variety
Red Oak	60-75'	35-45'	10-20'	20'	18-24"	Y	Excellent	Moderate	Moderate	Full	Variety
Birch Royal Frost	40-50'	35'	10-20'	16-20'	18-24"	N	Excellent	Moderate	Good	Full	Variety
Norway Poplar	40-60'	20-35'	8-16'	16-20'	>24"	N	Fair	Moderate	Moderate	Full/Partial	Variety
Small Trees/Shrubs											
American Hazelnut	15-18'	10-12'	6-10'	12-16'	13-24"	Y	Good	Good	Moderate	Full/Partial	Loamy
Common Lilac	8-15'	6-12'	3-8'	12'	13-24"	N	Fair	Good	Moderate	Full/Partial	Variety
Nanking Cherry	15-25'	15-25'	3-8'	12-16'	13-24"	N	Excellent	Moderate	Moderate	Full	Variety
Red Splendor Crab.	15-25'	15-25'	3-8'	12-16'	13-24"	N	Excellent	Moderate	Moderate	Full	Variety
Redosier Dogwood	7-9'	8-10'	3-8'	10-12'	>24"	Y	Excellent	Poor	Good	Full/Partial	Variety
Common Ninebark	6-10'	6/10'	3-8'	10-12'	13-24"	Y	Excellent	Good	Good	Full/Partial	Variety
Flamewillow	15-20'	5-15'	3-8'	12-16'	>24"	N	Good	Good	Moderate	Full	Variety

Recommended tree spacings are based on USDA-NRCS Conservation Practice Standard 380 - Windbreak/Shelterbelt Establishment