

## Plant Species and Their Preferred Growing Conditions

Species	Soil	Drainage	Sun	Mature Height	Planting Location	Fruits & Flowers
<b>Red oak</b> <i>Quercus rubra</i>	sand/loam	well to moderate	FS to PSh	up to 24 m	shallow upland sites	acorns
<b>Red maple</b> <i>Acer rubrum</i>	range of soil types	all moisture regimes	FS to PSh	up to 30 m	upland or lowland sites	reddish flowers; maple keys
<b>Black walnut</b> <i>Juglans nigra</i>	deep, rich loam	well drained	FS to PSh	up to 30 m	deep, well-drained soils	nuts
<b>White pine</b> <i>Pinus strobus</i>	sand/loam/clay	moist to dry	FS	up to 30 m	upland sites, occ. lowland	cones
<b>Red pine</b> <i>Pinus resinosa</i>	sand/loam	well to moderate	FS	up to 24 m	upland sites	cones
<b>White spruce</b> <i>Picea glauca</i>	clay/sand/loam	well to moderate	FS	up to 24 m	upland sites	cones
<b>White cedar</b> <i>Thuja occidentalis</i>	sand/loam/clay	poor	FS to PSh	up to 15 m	upland or lowland sites	cones
<b>Tamarack</b> <i>Larix laricina</i>	organic soils	poor	FS to PSh	up to 21 m	wet organic lowlands to moist sandy upland sites	cones
<b>Hemlock</b> <i>Tsuga canadensis</i>	clay to rocky	moist to dry	FS to PSh	up to 21 m	upland sites	cones
<b>Highbush cranberry</b> <i>Viburnum trilobum</i>	sand/loam/clay	moist to dry	FS to PSh	3 to 4 m	cool open woods, along streams, around swamps	white flowers in clusters, red fruits
<b>Red-osier dogwood</b> <i>Cornus stolonifera</i>	sand/loam/clay	dry to moist	FS to PSh	3 m	open woodlands, streams and bordering swamps	small white flowers, white berries
<b>Staghorn sumach</b> <i>Rhus typhina</i>	sandy or rocky sites	dry to very dry	FS	up to 6 m	open fields, edge of woods, rocky ridges	reddish flowers, terminal clusters
<b>Sweet gale</b> <i>Myrica gale</i>	loam/humus/enriched	moist to wet	FS to PSh	0.6 - 1.5 m	marshes, lakeshores, streambanks	yellow, green/brown
<b>Black chokeberry</b> <i>Aronia melanocarpa</i>	sand/loam/clay	moist to dry	FS	up to 2.5 m	swamps, dry sandy or rocky ridges	white flowers, small purplish fruit
<b>Elderberry</b> <i>Sambucus pubens</i>	sand/loam/clay	dry to fresh	FS	up to 4 m	open woods, clearings, edges of woods	small white flowers, red berries
<b>Serviceberry</b> <i>Amelanchier canadensis</i>	sand/loam	moist	FS	5 to 10 m	open rocky sites	small white flowers, small purple fruits
<b>Bear berry</b> <i>Arctostaphylos uva-ursi</i>	sand/loam	dry, normal, moist	FS to FSh	5 - 15 cm	forest, woodland, lakeshores	white/pink flowers, red berries
<b>Common blueberry</b> <i>Vaccinium angustifolium</i>	sand/loam	dry to fresh	FS to PSh	up to 60 cm	lowland and upland conifer and mixedwoods	small pinkish flowers, blue berries
<b>Wintergreen</b> <i>Gaultheria procumbens</i>	rocky, clay, organic	dry to fresh	FS to FSh	5 to 15 cm	lowland and upland conifer and mixedwoods	small white flowers; red fruits
<b>Wild columbine</b> <i>Aquilegia canadensis</i>	rocky sites	dry	FS	20-70 cm	dry open rocky areas	scarlet flowers
<b>Butterfly weed</b> <i>Asclepias tuberosa</i>	sand or gravel	medium to very dry	FS	up to 1 m	dry sunny open areas	orange flowers
<b>Wild blue flag iris</b> <i>Iris versicolor</i>	organic soils	moist to wet	FS	60-90 cm	wet areas, shorelines	purple flowers