

2017 TREMPPEALEAU CO. DEPT OF LAND MANAGEMENT  
WILDLIFE HABITAT TREE & SHRUB PROGRAM

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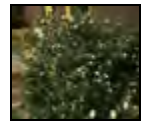
Illustration	Common & Latin Name	Growth Rate	Characteristics & Remarks
<p>FRUIT</p> 	<p><b>Starkspur® Red Rome Beauty Apple</b></p> 	Semi Dwarf	On M7 Rootstock. Best baking apple-just tart enough. Produces shiny red apples which taste great right off the tree. Cold hardy. Ripens in Mid-October. Self-pollinating. Semi-dwarf apple trees require 125-200 square feet each and can grow to a mature height of 10-20 feet. Ideal sites are on land with a gentle slope so that cold air can settle into adjacent lower areas. Apples grow best in fertile sandy loam soils, although they will grow in all but the rockiest or heaviest clay soils. (The soil should be slightly acidic to neutral, with a pH between 6 and 7). Requires full sun at least three-fourths of the day. Annual pruning is essential for production of high-quality apples and to maintain the health of trees.
<b>SOLD OUT</b>			
	<b>North Star Pie Cherry</b>	Semi Dwarf	North Star cherry with Mahaleb rootstock (This rootstock is preferred for dry sites and cold areas.) A very hardy, self-fertile cherry of high quality developed in Minnesota. Will succeed farther north than any other cherry. Does not require cross pollination. Grows a semi-dwarf tree to 12 feet, with an upright, moderately spreading habit. The cherries are large, of excellent quality and juicy when fully ripe. They are bright red changing to a glistening mahogany color at maturity. Juicy, tender and pleasantly tart. Ripens mid-June to early July. Full sun with well-drained soil. Excellent for pie, etc.

Illustration	Common & Latin Name	Growth Rate	Characteristics & Remarks
	<b>Superior Blueberry</b>	Mid Season Variety	2 year/12-24" plants. A self-pollinating mid-late season variety. Good disease resistance and cold hardy. High producer of fruit. A compact, round bush up to 4 feet in height (half-high) that also makes it perfect for landscaping. Fall foliage and winter wood are golden yellow, followed by bright-white blooms in spring. Allow 3-4 feet space between plants. Full sun. The soil for good blueberry culture must be highly acidic (pH 4.5-5.2) and can be modified with sulfur formulations. <b>*Note: Blueberries require a good mulch and should be planted in light-textured soils with high organic matter, good drainage and sufficient moisture. Blueberries must have winter protection.</b>
<b>SOLD OUT</b>			
	<b>Bluegold Blueberry</b>	Mid Late Variety	2 year/12-24" plants. A self-pollinating mid-late season variety. Good disease resistance and cold hardy. High producer of fruit. A compact, round bush up to 4 feet in height (half-high) that also makes it perfect for landscaping. Fall foliage and winter wood are golden yellow, followed by bright-white blooms in spring. Allow 3-4 feet space between plants. Full sun. The soil for good blueberry culture must be highly acidic (pH 4.5-5.2) and can be modified with sulfur formulations. <b>*See Above Note</b>
<b>SOLD OUT</b>			
	<b>Chippewa Blueberry</b>	Mid Season Variety	2 year/12-24" plants. A University of Minnesota blueberry with a medium sized berry with exceptional productivity in cold climates and excellent disease resistance. Mature height of 4-5 ft. (Half-high). Display of white flowers during bloom in May and maroon foliage in October. Allow 3-4 feet space between plants. Full sun. The soil for good blueberry culture must be highly acidic (pH 4.5-5.2) and can be modified with sulfur formulations. <b>*See Note on Previous Page</b>
<b>SOLD OUT</b>			

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	<b>Balsam Fir</b> <i>Abies balsamea</i>	Med	Mature height 60'. Prefers cool, moist, shady places out of reach of strong winds. Its soft needles and short-spreading branches, which form a symmetrical shape, make it a popular Christmas tree choice. Needs very little shearing. Cones are oblong, 2 to 4 inches in length. Balsam fir stands make good cover for many birds and small mammals. White-tailed deer, moose and spruce grouse browse on the twigs of balsam fir.
	<b>Fraser Fir</b> <i>Abies fraseri</i>	Med	Mature height is 40-60'. The combination of form, needle retention, dark blue-green color, pleasant scent and excellent shipping characteristics has led the Fraser fir to be called the Cadillac of Christmas trees. Likes cool, moist, well-drained soil. Full to partial sun. (Will not do well in heavy, wet clay soil.) Red squirrels are the primary consumers of the seeds.
	<b>Norway Spruce</b> <i>Picea abies</i>	Fast	Mature height 100'. Full sun. Grows on a wide variety of soils. 1/2 to 1 inch flat needles. A dense crown with strong distinctive sweeping branches. 4-8" long brown cones. Desirable for Christmas trees, ornamentals, timber and windbreaks. Large cones utilized by red and gray squirrels.
	<b>White Pine</b> <i>Pinus strobus</i>	Fast	Mature height 80-100'. Full sun. Prefers fertile, well-drained soils, but can tolerate sandy soils. Pyramidal form and soft gray-green foliage. Light, soft wood. Needles 3-5 inches long. Cones are 4 to 6 inches in length. Often used as ornamental and as shelterbelts. Young pine stands provide good thermal cover during winter for deer and birds.
	<b>Colorado Blue Spruce</b> <i>Picea pungens</i> <i>Glauca</i>	Med	Mature height over 35'. Densely formed tree with stiff, silvery-blue to bluish-green needles. An excellent ornamental and background tree. Thrives in dry, well-drained soil.

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	<b>Red (Northern) Oak Tree</b> <i>Quercus rubra</i>	Fast	Mature height 60-75' feet. Grows best in full sun. Round shaped shade tree grows best in acidic, drought tolerant, loamy, moist, sandy, well drained, clay soils. Leaves turn red in the fall. Red oak acorns are a food preference for blue jays, wild turkeys, squirrels, small rodents, whitetail deer, raccoons, and black bears. Deer browse on the buds and twigs.
	<b>Black Cherry Tree</b> <i>Prunus serotina</i>	Slow-Med	Mature height 50-70'. Narrow to broadly rounded crown. Dense, dark green foliage. Grows best in rich moist soil with full to partial sun. White flowers, which produce small purplish-black fruits. Extremely valuable as a timber tree. Also known as Rum Cherry. Wood used for furniture, interior furnishing & tools. Provides food for birds and wildlife.
	<b>Red Splendor Crabapple Tree</b> <i>Malus Red Splendor</i>	Slow-Med	Mature height 6-10'. Red buds open to light pink blossoms. Small bright red fruit holds well into winter. Medium-sized, rounded habit. Plant in full sun with neutral well draining soil. Good disease resistance. Extremely hardy.
	<b>Sugar Maple Tree</b> <i>Acer saccharum</i>	Slow-Med	Mature height 60-100'. Symmetrical, heavy round crown. Grows best in moist, fertile soils with full to partial shade. It produces winged seeds in the fall. The 3 1/2-5 1/2" dull green leaves turn a brilliant red, orange or yellow color in the fall. This tree is more sensitive to salt and stress than most. Sap used for maple syrup and fuel. Wood used for flooring and furniture.
	<b>Black Chokeberry Shrub</b> <i>Aronia melanocarpa</i>	Fast	Mature height is 3' with equal spread. Small shrub with single, white, hawthorn like flowers in late May. Fall color: red-orange. Glossy, pea size purplish-black berries in fall that persist into winter. Full sun to total shade. Low wet to sandy dry areas, very adaptable. Grows in bogs and rocky places. A fast screen. Good for naturalizing. Provides great wildlife food.

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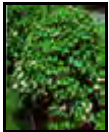

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<p><b>SHRUBS</b></p> 	<p><b>American Filbert/ Hazelnut Shrub</b></p> <p><i>Corylus americana</i></p>	Medium	Mature height 12'. A multi-stemmed, round-topped shrub. Dark green summer foliage. Shrub goes unnoticed until the bright orange fall color brings the woods to life. Plant grows in part shade or part sun. The nuts are edible. They are most attractive to wildlife, especially squirrels. This shrub is useful as a hedge, border or screen or looks great as a mass planting.
	<p><b>Common Chokecherry Shrub/Tree</b></p> <p><i>Prunus virginiana</i></p>	Med	Mature height up to 20'. Small tree/shrub with creamy white flowers. Dark red colored, stoned fruit is tart but is used to make jellies and wine. Adapted to a wide variety of soils. Shade tolerant but needs full sun to produce a good fruit crop. One of the most important plants for food and cover. Twigs and foliage are heavily browsed by deer. Ornamental or to provide food for birds.
	<p><b>Silky Dogwood Shrub</b></p> <p><i>Cornus amomum</i></p>	Fast	Mature height 4-10'. Grows best in moist to well drained soils in sun or shade. Does best in full sun. A good wetland plant. Hardy, rounded, multi-stemmed shrub. Long, silky leaves. Dense foliage turns red in fall. Small flat clusters of yellowish-white flowers in late May. Bluish fruits in fall. Bark is scarlet red all winter long. Deer and squirrels, browse on the stems and leaves.
 	<p><b>Highbush Cranberry Shrub</b></p> <p><i>Viburnum trilobum</i></p>	Fast	Mature height is 15' with equal spread. Grows best in moist, fertile soils with partial to full shade. Upright tall, multi-stemmed shrub with maple-like foliage. Dense, rounded top, native shrub. The leaves are a dull green, turning to maroon in autumn. White lacy flowers producing bright red berries which persist through most of the winter season. Edible fruit. Popular landscape shrub. A late winter emergency food source for songbirds & other wild game.

Illustration	Common & Latin Name	Growth Rate	Characteristics & Remarks
 	<p><b>Nannyberry Viburnum Shrub</b></p> <p><i>Viburnum lentago</i></p>	Med	Mature height 20'. Full sun to partial shade. It produces 2-3" clustered white flowers in the spring. Mature fruit are black in color. Color is deep maroon to red. It has glossy green leaves. Fruit is effective from September through November. This shrub is a large "leggy" native shrub that can be pruned into a small tree form. Nannyberry makes excellent winter food. Ruffed grouse, brown thrashers, cedar waxwings, thrushes, woodpeckers, several finches, red squirrels and deer eat the fruit of these shrubs.
	<p><b>Homeowner Tree Pack</b></p>		<p>Enhance your yard with a variety of trees (10 tree seedlings)</p> <ul style="list-style-type: none"> <li>2 18-24" Colorado Blue Spruce</li> <li>2 18-24" Sugar Maple</li> <li>2 18-24" Red Maple</li> <li>2 18-24" Roselow Crabapple</li> <li>2 18-24" River Birch</li> </ul>
	<p><b>Nut Tree Pack</b></p>		<p>To enhance your wildlife habitat even more.</p> <p>(10 tree seedlings)</p> <ul style="list-style-type: none"> <li>3 18-24" Hazelnut</li> <li>3 18-24" Butternut</li> <li>4 18-24" Black Walnut</li> </ul>

**PURCHASING & PLANTING DECISIONS**

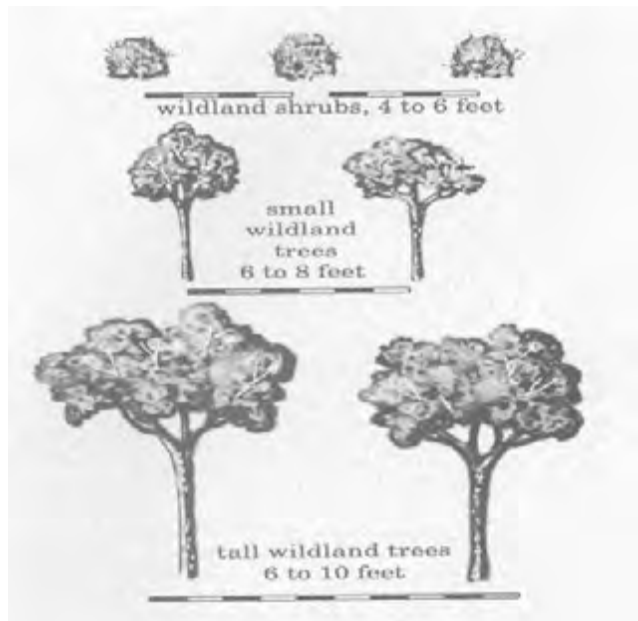
Before you buy, consider the following: What plants are already attracting wildlife to your property? What good wildlife tree and shrubs are missing? What wildlife do you want to attract? Can a particular plant grow in your location and in your soils? The descriptions on the attached sheets should provide the information you need to make the best plant selections for your land.

**Spacing of Plantings**

Plants should be placed in groups with enough space to prevent severe competition among individuals. Consider the mature height and crown spread to prevent planting trees and shrubs too close to each other. As a rule of thumb, space your shrubs about 4 to 6 feet apart from each other. Hedges may be spaced closer together to form a full, dense screen. Low hedge plants (3 to 4 feet high) should be spaced approximately 18 inches apart, while tall hedge plants will need to be 3 to 4 feet apart. For taller trees, plant the individual trees about 6 to 10 feet apart from each other. For landscaping projects around your house, you may want to provide a little more space so that the tree or shrub can reach its full form and shape. Nurseries suggest planting small flowering trees about 20 feet apart and larger trees about 30 to 50 feet apart. However, trees used for screening as well as wildlife cover can be placed as close as 6 feet apart.

**Your Soils and Sun**

Know the soils and soil moisture levels on your property. Match these with the types of soil and moisture levels preferred by the trees and shrubs you are considering purchasing. Match the site's exposure to sunlight with the plant's needs. Generally, the more sunlight the site has, the better the flowering and fruit development of many trees and shrubs; hence, the better feeding opportunities for wildlife. However, some native trees and shrubs are adapted to grow best in shade. Know your plants needs.



**Protect your Investment**

You'll want to protect your investment. Since many of these wildlife trees and shrubs provide great browse for deer and rabbits, you can avoid future disappointment and frustration if you take an extra step when you're planting. Make small protective cages using hardware cloth or chicken wire and wrap these around your newly-planted specimens, or use commercially-made tree guards. Make sure that you have done this before winter, a time when the browsers are most likely to damage your plants. A little extra effort now will protect your investment for years to come.

Source: Wisconsin Department of Natural Resources Publication PUBL-WM-223-98 So, What Should I Plant?