SHERBURNESOIL AND WATER
CONSERVATION DISTRICT

2016 TREE SALE
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Sherburne Soil & Water Conservation District
14855 Highway 10
Elk River, MN 55330
(763) 241-1170 Ext. 3
www.sherburneswcd.org
WHITE PINE
Pinus strobus

Excellent tree for landscaping and windbreaks. Needles are soft in clumps of 5. Pine cone is 4-8 inches long. Great timber tree, provides cover for birds and other wildlife. Is preferred nesting tree for eagles. Known to produce pine cones as early as 5 years but typically takes at least 10 years. White Pine is a very long lived species, has been known to exceed 400 years; starts to decline at 200 years. Seedlings will need protection from deer browsing. Hardy to zone 3.

HEIGHT: 50-80’
SOIL TYPE: Sandy/ Loam/ Clay
GROWTH RATE: Fast
AGE AT MATURITY: 50-100 Years
EXPOSURE: Part
Norway Pine

*Pinus resinosa*

Also known as Red Pine, the Minnesota State Tree. Needles are in clumps of two. Wood is pale red and is primarily used for timber and pulpwood but can be used as a landscape tree or for windbreaks and erosion control. Provides good cover for a wide variety of wildlife. Preferred nesting tree for eagles and osprey. Hardy to zone 3.

**Height:** 70-80’

**Soil Type:** Sandy/ Well Drained

**Growth Rate:** Moderate/ Fast

**Age at Maturity:** 15- 25 Years

**Exposure:** Full/Part

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**WHITE SPRUCE**  
*Picea glauca*

Known for its attractive pyramidal shape. Used for windbreaks and landscaping, also a popular Christmas tree. Needles are short and pointed. Cones are smaller and range between 1 and 2.5 inches long. Prefers acidic soils and has a high salt tolerance. Starts to produce cones at 10-15 years. Hardy to zone 2.

**Height:** 60-80’  
**Soil Type:** Variety/ Well Drained  
**Growth Rate:** Moderate  
**Age at Maturity:** 50-100 Years  
**Exposure:** Full/
Balsam fir are also commonly referred to as Christmas trees because of their popular use. They have flat needles that are short and soft. Their cone is small and stands upright on the branches. Used for construction lumber and pulpwood. A good source of food and shelter for wildlife. Begins producing cones at age 15. Hardy to zone 2.

**HEIGHT:** 40-60’  
**SOIL TYPE:** Sand/ Silt/ Loam  
**GROWTH RATE:** Slow/ Moderate  
**AGE AT MATURITY:** 30-50 years  
**EXPOSURE:** Part
Black cherry is the largest species of cherry. It has commercial value as well as an excellent source of food and cover for wildlife. The flowers are small and white on a raceme, attract a variety of pollinating insects. Trees have been known to produce flowers as early as age 10. The fruit can be used to make jellies or jams. Hardy to zones 3-9.

| Height: 60-80’ | Age at Maturity: 30-40 |
| Soil Type: Rich/ Well Drained | Exposure: Full |
| Growth Rate: Moderate/ Fast |  |

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An extremely hardy tree that can tolerate a wide variety of sites. It is a good alternative to Ash or Elm in a landscape setting. The fruit is popular with birds in the winter, the flower also attracts pollinating insects. The mature trunk has a characteristic “corky” bark.

**Hackberry**  
*Celtis occidentalis*

**Height:** 50-75’  
**Soil Type:** Moist  
**Growth Rate:** Slow/ Moderate  
**Age at Maturity:** 80  
**Exposure:** Shade
AMERICAN LINDEN
*Tilia americana*

Widely distributed in the upper Midwest region. Used as a landscape tree in urban areas. Relatively large tree that provides good shade. Leaves are heart shaped with toothed margins. Flower is fragrant and attracts pollinating insects. Produces flowers as early as age 15. Hardy to zone 3.

**HEIGHT:** 50-75’

**SOIL TYPE:** Moist

**GROWTH RATE:** Slow/ Moderate

**AGE AT MATURITY:** 80

**EXPOSURE:** Shade

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Ph: (763) 241-1170 ext. 3 ● Fax: (763) 241-1161
Quaking Aspen
*Populus tremuloides*

This fast growing tree is the most widely distributed tree in North America. Quaking aspen is a short lived tree that can produce seeds as early as age 10. The flowers and fruits are not showy. Leaves are round with a pointed tip, flat petiole which causes them the “flutter” in the wind. Attractive yellow fall color. Hardy to zone 3.

**Height:** 25-60’  
**Soil Type:** Sands/Moist  
**Growth Rate:** Fast  
**Age at Maturity:** 40  
**Exposure:** Full
Red maple has been known to produce seeds as early as 4 years. Brilliant red fall color. Early spring flowers, male and female found on different branches. Most commonly used as a landscape tree. Sap can be used to make syrup but is not as common as sugar maple, tapping season is much shorter. Good food source for wildlife. Hardy to zone 3.

**HEIGHT:** 40-60’

**SOIL TYPE:** Variety/ Well Drained

**GROWTH RATE:** Moderate/ Fast

**AGE AT MATURITY:** 80

**EXPOSURE:** Full/
**Silver Maple**

*Acer saccharinum*

Upright form with spreading branches that form a dense canopy. Leaves are deeply lobed. Very fast growing tree. Can produce seeds as early as age 11. Very popular landscape tree because of its growth rate and tolerance to a variety of conditions. Drought tolerant. Hardy to zone 3.

**Height:** 40-90’

**Soil Type:** Moist

**Growth Rate:** Fast

**Age at Maturity:** 50-70

**Exposure:** - Part

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River birch is an excellent choice for riparian buffer plantings. It has very interesting salmon colored papery bark. Typically found along rivers but can be planted on upland areas. Mostly disease-free unless old or damaged. Catkins provide good forage for wildlife. Hardy to zone 3-4.

**Height**: 40-60’

**Soil Type**: Rich/ Wet/ Acidic

**Growth Rate**: Moderate/ Fast

**Age at Maturity**: 40

**Exposure**: Full/ Part
Paper birch has been used for many years as firewood, construction material and landscaping. It’s distinct white papyry bark and golden fall color makes it a desirable landscape tree. A wide variety of wildlife feed on the catkins in the winter months, several bird species use the stem as a nesting site. Hardy to zones 2-7.

**Female Catkins**

**Male Catkins**

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**HYBRID POPLAR**  
*Populus spp.*

This variety of Poplar is the fastest growing shade tree at about 8-10 feet per year! It tolerates a wide variety of soil conditions including acidic, alkaline or wet. Mature trees develop a very nice oval shape. Provides food and cover for wildlife. Used in windbreaks. Hardy to zones 3-8.

<table>
<thead>
<tr>
<th>Height:</th>
<th>40-60 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil Type:</td>
<td>Silt/ Loam</td>
</tr>
<tr>
<td>Growth Rate:</td>
<td>Very Fast</td>
</tr>
<tr>
<td>Age at Maturity:</td>
<td></td>
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<tr>
<td>Exposure:</td>
<td>Full</td>
</tr>
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</table>

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CRABAPPLE
*Malus x. ‘Red Spendor’*

Red splendor is an excellent tree for wildlife food and cover. The red berries persist all winter. Nearly pest and disease resistant. The flower is a light to medium pink that bloom May-June. Has been known to start flowering at age 4. Hardy to Zone 3.

**Height:** 20-30’  
**Soil Type:** Variety/ Well Drained  
**Growth Rate:** Moderate  
**Age at Maturity:** 10  
**Exposure:** Full

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Wild plum is very hardy and drought resistant. It can be grown as a small tree or large shrub. It is a great variety for wildlife habitat enhancement. The flowers bloom late March before the foliage and develop into 1” yellow-red plums. Best used in jellies and jams. Flowers start to appear at age 4. Hardy to zones 2-9.

**Height:** 20-25’  
**Soil Type:** Loam/ Sand/ Gravel  
**Growth Rate:** Fast  
**Age at Maturity:** 10  
**Exposure:** Full
Common Chokecherry
*Prunus virginiana*

Similar to the black cherry this tree is an excellent source of food and cover for wildlife. Unlike black cherry, chokecherry tends to sprout suckers giving it a more shrub like look if left untrimmed. The cherries can be used to make jams and jellies—caution the seeds can be toxic. It has be used for shelterbelts, windbreaks, and erosion control. Will produce fruit at age 15. Hardy to zones 2-7.

| Height: 10-12 | Age at Maturity: 50 |
| Soil Type: Loamy/ Well Drained | Exposure: Part |
| Growth Rate: Fast | |

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American hazelnut is a small shrub that grows in thickets. A wide variety of wildlife browse on every part of the plant. The catkins are a main food source for turkey and ruffed grouse in the winter. The leaves turn a brilliant red color in the fall. The nuts are edible if you can get them before the squirrels do! Hardy to zone 3.

**Catkins**

**Height:** 4-6’  
**Soil Type:** Dry  
**Growth Rate:** Moderate  
**Age at Maturity:** 3  
**Exposure:** Full

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AMERICAN CRANBERRYBUSH

*Viburnum trilobum*

Provides a wide variety of uses. Excellent source of food and cover for wildlife. Starts flowering at age 3. Flowers appear in late May-June and berries ripen in August. The tart berries persist all winter long and can be used to make jams and jellies. Will not flower and fruit as much if it is in a more shady area. Hardy to zone 2

<table>
<thead>
<tr>
<th>HEIGHT: 8-12’</th>
<th>AGE AT MATURITY: 5</th>
</tr>
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<tbody>
<tr>
<td>SOIL TYPE: Loamy/ Well Drained</td>
<td>EXPOSURE: Full/ Part</td>
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<tr>
<td>GROWTH RATE: Moderate</td>
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PH: (763) 241-1170 ext. 3 ● FAX: (763) 241-1161
SERVICEBERRY (JUNE BERRY)
Amelanchier laevis

Great understory tree/shrub in woodland plantings. Fruit attracts birds and other wildlife. Flowers start to emerge late April with blue-red berries mid summer. The berries are edible and can be used for preserves, pies, and wine. Hardy to zone 3.

**HEIGHT:** 6-15’
**SOIL TYPE:** Loam/Sandy Loam
**GROWTH RATE:** Moderate
**AGE AT MATURITY:** 5-10
**EXPOSURE:** Full/Part

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PH: (763) 241-1170 ext. 3 ● FAX: (763) 241-1161
NANKING CHERRY

*Prunus tomentosa*

Winter hardy shrubs that can spread up to 15 feet wide. White to light pink flowers bloom early spring, typically at age 3-4. The bright red berries are relished by birds and other wildlife. The shrub also provides nesting habitat and cover. Wildlife browse on leaves and twigs. The edible berries can be used to make preserves, wine, syrup, and pies. Can withstand drought. Short lived plant. Hardy to zone 2.

<table>
<thead>
<tr>
<th>Height: 6-10’</th>
<th>Age at Maturity: 5-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil Type:</td>
<td>Exposure: Full</td>
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<tr>
<td>Loamy/ Well Drained</td>
<td></td>
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<tr>
<td>Growth Rate:</td>
<td></td>
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<tr>
<td>Moderate/ Fast</td>
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</table>

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PIN CHERRY
Prunus pensylvanica

An early succession species that grows quickly to fill in openings. Has been known to flower as early as age 2. Fruit is a great food source for many bird species including songbirds and important game birds. Deer browse but not as much as some other tree species. Flowers bloom late May into June. Hardy to zone 3.

**HEIGHT:** 20-30’  
**SOIL TYPE:** Loam/ Sand/ Gravel  
**GROWTH RATE:** Fast  
**AGE AT MATURITY:** 5-10  
**EXPOSURE:** Full
FLAME WILLOW

*Salix spp.*

Attractive orange-red colored bark. Leaves hold on late into fall providing good cover for wildlife and birds. Tolerant to a wide variety of conditions, can withstand being planted in an urban setting and is drought tolerant. Can be used in windbreak plantings. Hardy to zones 4-9.

**HEIGHT:** 15-20’

**SOIL TYPE:** Sand to Clay

**GROWTH RATE:** Fast

**AGE AT MATURITY:** 5-10

**EXPOSURE:** Full/ Part

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RED-OsIER DOGWOOD
Cornus sericea

Once established these drought tolerant shrubs can spread up to 15 feet wide. The Red Osier dogwood is an attractive landscaping plant, with deep red stems and twigs for winter color, many creamy white flowers in the spring followed by attractive white fruits, and spectacular maroon fall leaves. Red Osier flowers and seeds attract pollinators including honeybee’s, butterflies and song birds. Hardy to zone 2.

HEIGHT: up to 9’
SOIL TYPE: Moist
GROWTH RATE: Fast

AGE AT MATURITY: 3-4
EXPOSURE: Full/ Part
Common Lilac (Purple)

_Syringa vulgaris_

Similar to villosa lilac, common lilac can be used as a windbreak or screen planting. Limited wildlife benefits other than nesting and cover for birds and nectar for pollinating insects. Common lilac blooms earlier, mid May and is much more fragrant. The flowers are a more deep purple. Hardy to zones 3-7.

**Height:** 8-10’

**Soil Type:** Moist

**Growth Rate:** Moderate

**Age at Maturity:** 5-10

**Exposure:** Full

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