

## Tree Selection Details 2023

### Deciduous Trees



**Amur Maple (*Acer ginnala*)** is an incredibly colorful tree. As summer turns to fall, its bright green leaves turn fiery red. This tree is perfectly suited for urban environments. Its small size allows you to plant it in city yards and beneath power lines. Amur maple can also tolerate urban pollution, moist to dry conditions and is not affected by soil type or pH.

**Zone:** 2a

**Height:** 6 m (20 ft)

**Spread:** 5 m (16 ft)

**Moisture:** normal

**Light:** partial shade, full sun

**Fall colour:** scarlet red

**Growth rate:** fast

**Life span:** medium

**Maintenance:** low

**Suckering:** low

**Pollution tolerance:** high



**Bur Oak (*Quercus macrocarpa*)** Tolerant of a variety of moisture and soil conditions, adapts well to urban settings. Tolerates pollution and heat stress. Its fringed acorns are food for wildlife. A very long-lived tree. Prefers full sun. Grows 70' to 80', 80' spread. Has deeply lobbed, dark leaves.

**Zone:** 2b

**Height:** 20 m (66 ft)

**Spread:** 8 m (28 ft)

**Moisture:** dry, normal

**Light:** full sun

**Fuzz/fluff:** no

**Catkins:** yes

**Fall colour:** yellow to golden brown

**Nuts:** small acorns

**Growth rate:** slow

**Life span:** long

**Maintenance:** low

**Suckering:** low

**Pollution tolerance:** medium

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**Zone:** 2a  
**Height:** 18 m (60 ft)  
**Spread:** 8 m (26 ft)  
**Moisture:** any  
**Light:** full sun  
**Hybrid:** yes  
**Fuzz/fluff:** no  
**Growth rate:** very fast  
**Life span:** medium  
**Maintenance:** low  
**Suckering:** high  
**Pollution tolerance:** high

**Hybrid Poplar (*Populus spp*)** is an excellent shelterbelt tree. It's one of the hardiest and fastest growing trees you can plant on the prairies. This hybrid poplar is disease resistant, drought and cold tolerant, produces no fuzz, and requires little maintenance. They also make for good privacy screens on larger properties and can handle tough conditions such as: urban pollution, environmental salt, drought, poor soil, and even some standing water.



**Laurel Leaf Willow (*Salix pentandra*)** is a round-shaped tree with attractive dark green leaves.

This cold hardy tree can withstand bitter winters and still put on lots of growth every summer. Laurel Leaf Willow prefers moist to wet ground and full sun, though it can tolerate partial shade too. This willow is great for shelterbelts. This species is also known as one of the more salt-tolerant species for those with saline soils.

All willows are important to native pollinators each spring as they have higher amounts of pollen and nectar early each growing season when other food sources are scarce.

**Zone:** 2b  
**Height:** 15 m (49 ft)  
**Spread:** 8 m (25 ft)  
**Moisture:** normal, wet  
**Light:** partial shade, full sun  
**Fuzz/fluff:** yes  
**Catkins:** yes  
**Growth rate:** fast  
**Life span:** medium  
**Maintenance:** low  
**Suckering:** medium  
**Pollution tolerance:** high

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**Mountain Ash (*Sorbus americana*)** is an attractive medium-sized tree. Its beautiful clusters of white flowers bloom in late spring, making it an ideal ornamental tree for residential lots. Mountain Ash's decorative bright orange berries stay on the tree throughout the winter. Birds and smaller wildlife will love this feature as much as you will.

**Zone:** 2a  
**Height:** 10 m (32 ft)  
**Spread:** 6 m (20 ft)  
**Moisture:** dry, normal  
**Light:** full sun  
**Fall colour:** scarlet red  
**Berries:** bunches of orange-red  
**Flowers:** white clusters, spring  
**Growth rate:** medium  
**Life span:** medium  
**Maintenance:** low  
**Suckering:** none  
**Pollution tolerance:** high

**Zone:** 2a  
**Height:** 18 m (60 ft)  
**Spread:** 11 m (35 ft)  
**Moisture:** normal, wet  
**Light:** full sun  
**Fuzz/fluff:** no  
**Catkins:** yes  
**Bark:** white, papery, peeling  
**Growth rate:** fast  
**Life span:** long  
**Maintenance:** low  
**Suckering:** none  
**Pollution tolerance:** medium

**Paper Birch (*Betula papyrifera*)** is a large, attractive deciduous tree. This fast-growing, cold hardy species has distinctive white papery bark that peels in layers, making it a beautiful ornamental or accent tree. White Birch also makes great firewood.



**Pussy Willow (*Salix discolor* or *Salix* spp.) – rooted cutting** is a large shrub or small tree that produces catkins that are soft, silky, and silvery before leaves appear in the spring. This native willow prefers moist to wet soil. Pussy Willow makes a beautiful accent tree, and its bright branches can be used for floral arrangements or basket making.

**Zone:** 2a  
**Height:** 7 m (23 ft)  
**Spread:** 3 m (10 ft)  
**Moisture:** normal, wet  
**Light:** partial shade, full sun  
**Fuzz/fluff:** yes  
**Catkins:** yes  
**Growth rate:** fast  
**Life span:** long  
**Maintenance:** low  
**Suckering:** high  
**Pollution tolerance:** medium

All willows are important to native pollinators each spring as they have higher amounts of pollen and nectar early each growing season when other food sources are scarce.



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**Sandbar Willow (*Salix exigua*)** is a deciduous species native to much of North America. This mid-sized, fast-growing shrub can be found in very wet areas, making it an ideal plant to use in a wet area with erosion risk. Sandbar Willow has long, narrow green leaves, and its grassy narrow stems give it an attractive, bamboo-like appearance. All willows are important to native pollinators each spring as they have higher amounts of pollen and nectar early each growing season when other food sources are scarce.

**Zone:** 2a  
**Height:** 4 m (13 ft)  
**Spread:** 3 m (10 ft)  
**Moisture:** any  
**Light:** partial shade, full sun  
**Fuzz/fluff:** yes  
**Catkins:** yes  
**Growth rate:** fast  
**Life span:** short  
**Maintenance:** low  
**Suckering:** medium  
**Pollution tolerance:** medium

**Silver Maple (*Acer saccharinum*)** is a fast-growing, large deciduous tree that typically has a short trunk and sharply branched crown.

Silver Maple bears red flowers in early spring and beautiful five lobed, deeply notched green and silver leaves that turn yellow in the fall. This versatile and attractive shade tree requires a large yard.

**Zone:** 3a  
**Height:** 20 m (66 ft)  
**Spread:** 12 m (40 ft)  
**Moisture:** normal, wet  
**Light:** partial shade, full sun  
**Fall colour:** pale yellow to brown  
**Growth rate:** fast  
**Life span:** long  
**Maintenance:** low  
**Suckering:** low  
**Pollution tolerance:** high

Silver Maple is often used to make syrup instead of Sugar Maple in colder areas where Sugar Maple sap does not sweeten very well.



**Trembling Aspen (*Populus tremuloides*)** is a hardy, fast-growing tree. It is known for its unique "trembling" leaf movement and beautiful bark that whitens with age. This native shade tree tolerates a range of growing conditions and requires little maintenance.

**Zone:** 1a  
**Height:** 25 m (82 ft)  
**Spread:** 9 m (30 ft)  
**Moisture:** dry, normal  
**Light:** full sun  
**Fuzz/fluff:** yes  
**Catkins:** yes  
**Fall colour:** brilliant yellow  
**Growth rate:** fast  
**Life span:** short  
**Maintenance:** medium  
**Suckering:** high  
**Pollution tolerance:** low

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### Deciduous Shrubs



**Common Lilac (*Syringa vulgaris*)** is a popular lilac. This large shrub provides excellent privacy or wind protection in an attractive package.

Lilac flowers are pleasantly fragrant and add a beautiful lavender colour to your property. Common Purple Lilac is cold hardy, easy to grow, and can tolerate most soil types.

Some people alternate Villosa and common purple lilacs to create the impression that the hedge is in flower for almost a full month

with the common purple flowering about 2 weeks sooner than the Villosa Lilac.

**Zone:** 2a

**Height:** 5 m (16 ft)

**Spread:** 2.7 m (9 ft)

**Moisture:** dry, normal

**Light:** full sun

**Flowers:** dark purple, extremely fragrant

**Growth rate:** fast

**Life span:** medium

**Maintenance:** low

**Suckering:** medium

**Pollution tolerance:** high

**Zone:** 3a

**Height:** 2.4 m (8 ft)

**Spread:** 2.4 m (8 ft)

**Moisture:** dry, normal

**Light:** partial shade, full sun

**Fall colour:** mix of yellow scarlet, red, purple

**Flowers:** small, pale pink

**Growth rate:** medium

**Life span:** medium

**Maintenance:** medium

**Suckering:** none

**Pollution tolerance:** medium

**Hedge Cotoneaster (*Cotoneaster lucidus*)** is a dense, deciduous shrub that gets its name from the glossy dark green leaves that turn an eye-catching mix of red and purple in the fall.

It produces small, pink flowers in spring and by late summer they are followed by red berries that ripen to black. This plant is great for attracting wildlife as it is loved by both birds and butterflies.

While the Shiny Cotoneaster does produce berries, they are inedible to humans. This plant takes pruning and shearing well, making it easy to shape to your liking and is a great choice for a hedge, privacy screen or shelterbelt.



**Highbush Cranberry (*Viburnum trilobum*)** produces attractive white flowers in late June and bears edible fruit that matures to a bright red colour in the late summer.

This shrub, native to much of Canada, is fast growing, and its fruit can be eaten raw or cooked into a sauce.

**Zone:** 2a

**Height:** 4 m (13 ft)

**Spread:** 2.7 m (9 ft)

**Moisture:** normal

**Light:** partial shade, full sun

**Fall colour:** red

**Berries:** edible red berries

**Flowers:** white clusters

**Growth rate:** medium

**Life span:** medium

**Maintenance:** low

**Suckering:** none

**Pollution tolerance:** high



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**Zone:** 2a  
**Height:** 2.7 m (9 ft)  
**Spread:** 1.8 m (6 ft)  
**Moisture:** normal, wet  
**Light:** partial shade, full sun  
**Fall colour:** dark red  
**Berries:** white waxy  
**Flowers:** white  
**Bark:** dark red, showy  
**Growth rate:** fast  
**Life span:** medium  
**Maintenance:** low  
**Suckering:** medium  
**Pollution tolerance:** high

**Red Osier Dogwood (*Cornus sericea*)** is a small deciduous shrub that features deep red stems and twigs year-round, with creamy white flowers in the spring. This shrub will add a nice pop of color to your yard.

Red Osier Dogwood is an excellent soil stabilizer and a nitrogen fixer. It is fast growing and becomes drought tolerant once well established.



**Saskatoon (*Amelanchier alnifolia*)** is a native shrub that's famous for its great-tasting fruit. The berries are terrific for fresh eating and cooking. The Saskatoon bush itself can be quite large and produces an abundance of fruit. Saskatoons are hardy and can tolerate partial shade and a variety of growing conditions. Saskatoon is popular because it seldom gets too tall, which makes it ideal for U-Pick orchards and over-row harvester equipment. The uniform ripening of the berries in full clusters and the desirable sweet taste also make this variety a favorite.

**Zone:** 1a  
**Height:** 4 m (13 ft)  
**Spread:** 2.7 m (9 ft)  
**Moisture:** normal  
**Light:** partial shade, full sun  
**Berries:** purple-blue  
**Brix (sugar content):** 14  
**Firmness:** firm  
**Growth rate:** medium  
**Life span:** short  
**Maintenance:** low  
**Suckering:** medium  
**Pollution tolerance:** low

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**Souris Raspberry (*Rubus x Souris*)** is the classic prairie raspberry. It is planted across Canada and is extremely robust. Where other raspberry cultivars rely on unique selling points and specializations, Souris is just generally a great raspberry.

Souris is cold hardy and resistant to disease and spider mites. Its berries are deliciously sweet and tart while colourful, great for U-pick operations, fresh eating, or using in products such as jams and pies. They can be a bit softer than other raspberry varieties.

The Souris Raspberry is a fast-growing florican. This means that raspberries will not grow on canes the year they first grow. The mature canes they do grow on, however, produce more berries than primocane varieties.

**Zone:** 2a

**Height:** 2.1 m (7 ft)

**Spread:** 1.2 m (4 ft)

**Moisture:** normal, wet

**Light:** full sun

**Berries:** red raspberries

**Growth rate:** fast

**Life span:** short

**Maintenance:** high

**Suckering:** high

**Pollution tolerance:** medium

## Tree Selection Details 2023

### Coniferous Trees

**Black Hills Spruce (*Picea glauca* var. *densata*)** is a subspecies of White Spruce native to the Black Hills of South Dakota. It has a strongly conical form, slower growth rate and denser foliage than typical white spruce, making it preferable as a specimen tree for smaller suburban lawns. It also responds well to pruning, and can be used as a hedge or even bonsai.

**Zone:** 2b

**Height:** 25 m (82 ft)

**Spread:** 4 m (12 ft)

**Moisture:** dry, normal

**Light:** partial shade, full sun

**Growth rate:** slow

**Life span:** long

**Maintenance:** low

**Suckering:** none

**Pollution tolerance:** medium



**Colorado Spruce, also known as Blue Spruce (*Picea pungens* 'Colorado')**

is one of the best-selling trees! People are attracted to the distinctive blue-green color of this hardy evergreen. Blue Spruce really stands out because it is tough, long lived, and adapted to a wide range of growing conditions. Blue Spruce trees are ideally suited for use in shelterbelts, privacy screens, or as accent trees.

**Zone:** 2a

**Height:** 27 m (90 ft)

**Spread:** 6 m (20 ft)

**Moisture:** dry, normal

**Light:** full sun

**Growth rate:** slow

**Life span:** long

**Maintenance:** low

**Suckering:** none

**Pollution tolerance:** high



## Tree Selection Details 2023



**Jack Pine (*Pinus banksiana*)** is a cold tolerant native species that can survive on dry, sandy, or gravelly sites.

Like Scots Pine, though somewhat larger, Jack Pine is known for its yellow-green needles, spreading crown, and irregular form. If you have a tough site to plant, this tree may be right for you.

**Zone:** 1a

**Height:** 20 m (66 ft)

**Spread:** 8 m (25 ft)

**Moisture:** dry, normal

**Light:** full sun

**Growth rate:** fast

**Life span:** long

**Maintenance:** low

**Suckering:** none

**Pollution tolerance:** medium



**Scots Pine aka. Scotch Pine (*Pinus sylvestris*)** is a hardy, adaptable evergreen. This large tree has an oval crown and distinctively orange bark when mature. Scots Pine prefers dry to average moisture levels with very well-drained soil.

It is the most common pine tree used in shelterbelts and windbreaks. Scots Pine is also occasionally used as a Christmas tree variety.

**Zone:** 2a

**Height:** 15 m (49 ft)

**Spread:** 5 m (16 ft)

**Moisture:** dry, normal

**Light:** full sun

**Growth rate:** medium

**Life span:** long

**Maintenance:** low

**Suckering:** none

**Pollution tolerance:** medium

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**Tamarack (*Larix laricina*)** is a large, cold hardy conifer. The Tamarack's needles turn golden yellow and drop in the fall, and it can handle saturated soils.

If you are looking for a long-lived tree for your large property or shelterbelt with quite wet soil, this is the tree for you!

This variety is often used on the south side of a shelterbelt to let sunlight in during the winter and to provide protection or shading during the summer.

**Zone:** 1a

**Height:** 15 m (49 ft)

**Spread:** 4 m (12 ft)

**Moisture:** any

**Light:** full sun

**Fall colour:** yellow needles

**Growth rate:** medium

**Life span:** long

**Maintenance:** low

**Suckering:** none

**Pollution tolerance:** medium

**Zone:** 2b

**Height:** 12 m (40 ft)

**Spread:** 4 m (12 ft)

**Moisture:** any

**Light:** partial shade, full sun

**Bark:** gray to reddish brown, flat connected ridges

**Growth rate:** slow

**Life span:** long

**Maintenance:** low

**Suckering:** none

**Pollution tolerance:** medium

**Eastern White Cedar (*Thuja occidentalis*)** is a slender growing conifer often used as a decorative tree or a hedge. This tree is an effective privacy screen even in winter and a great long-term solution to urban crowding or a drab yard.

