

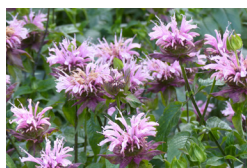
# WATER CONSERVATION

## Rebate Program

### Drought Tolerant Plant List

Great care has been taken to select plants that are both drought tolerant and deer resistant for this program. Drought-tolerant plants are an excellent way to conserve water on your property. These perennials use 40-60% less water than a traditional lawn or standard gardenscape. Use this list to help you plan your yard and shop at your local greenhouse or garden centre.

#### Perennials



##### **Bergamot, horse mint, purple bee balm**

Botanical name: *Mondara fistulosa*  
Traditional use and eco-system services:

- Used as a medicinal plant.
- Attracts pollinators.

Average Height: 60-100 cm  
Average Spread: 60-90 cm  
Sun Exposure: Full to part sun  
Flower Color: Pink/light purple  
Blooming time: Spring/Summer  
Zone: 3

Growing advice: Prefers to grow in dry to moist soil.



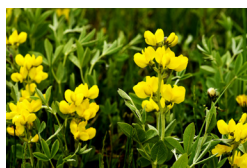
##### **Nodding Onion**

Botanical name: *Allium cernuum*  
Traditional use and eco-system services:

- Bulbs eaten raw or added to food. Plant used for medicinal purposes.
- Attracts pollinators.

Average Height: 15-40 cm  
Average Spread: 15 cm  
Sun Exposure: Full sun to light shade  
Flower Color: Pink/White  
Blooming time: Summer  
Zone: 3

Growing advice: Prefers to grow in dry to well-drained soil.



##### **Buffalo bean/Golden bean**

Botanical name: *Thermopsis rhombifolia*  
Traditional use and eco-system services:

- Plant used as an indicator of the spring bison hunting season. Flowers were used as a dye.
- Attracts pollinators.

Average Height: 8-30 cm  
Average Spread: 20-40 cm  
Sun Exposure: Full Sun  
Flower Color: Yellow  
Blooming time: Spring  
Zone: 2

Growing advice: Plant may spread aggressively. Only plant in a location where spread is desired. Will grow best in dry and well-drained soil.



##### **Prairie Onion**

Botanical name: *Allium textile*  
Traditional use and eco-system services:

- Bulbs eaten raw or added to food. Plant used for medicinal purposes.
- Attracts pollinators.

Average Height: 10-25 cm  
Average Spread: 10-25 cm  
Sun Exposure: Full sun to part shade  
Flower Color: White  
Blooming time: Late spring/Summer  
Zone: 3

Growing advice: Prefers to grown in dry to well-drained soil. Plant will grow in clumps.



*These plants are significant to the Indigenous Peoples in our region, identified as part of the Town's Traditional Knowledge and Land Use Assessment.*

#### Zone Information:

- Zone 1 – Can survive below -45.6° Celsius
- Zone 2 – Can survive up to -42.7° Celsius
- Zone 3 – Can survive up to -39.9° Celsius
- Zone 4 – Can survive up to -34.4° Celsius; requires a sheltered location

# WATER CONSERVATION

## Rebate Program

### Drought Tolerant Plant List

#### Perennials



#### Wild Mint

Botanical name: *Mentha arvensis*

Traditional use and eco-system services:

- Leaves used to make tea, flavor foods, repel insects, and as a medicine.
- Attracts pollinators and has multiple uses for humans.

Average Height: 20-75 cm

Average Spread: 20-75 cm

Sun Exposure: Sun to shade

Flower Color: Pale pink/purple

Blooming time: Summer

Zone: 2

Growing advice: Plant spreads aggressively. Only plant in a location where spread is desired.



#### Yarrow

Botanical Name: *Achillea millefolium*

Traditional use and eco-system services:

- Used as a medicinal plant, and as a perfume.
- Attracts pollinators.

Average Height: 30-60 cm

Average Spread: 30-60 cm

Sun Exposure: Full sun

Flower Color: White

Blooming time: Summer

Zone: 2-3

Growing advice: Plant is aggressive and will spread. Tolerates dry to moist soil.



#### Wild Strawberry

Botanical name: *Fragaria virginiana*

Traditional use and eco-system services:

- Berries eaten fresh. Leaves used to make tea.
- Berries provide food for birds and humans. Leaves, when used as ground cover, aid in water retention in the soil.

Average Height: 4-15 cm

Average Spread: 15 cm

Sun Exposure: Sun to part shade

Flower Color: White

Blooming time: Spring/Summer

Fruiting time: Summer

Zone: 3-4

Growing advice: Spreading groundcover, tender plants prefer not to be walked on. Can be aggressive. These plants need deer protection or to be planted where deer cannot reach them.



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# Drought Tolerant Plant List

## Shrubs



### Gooseberry (wild currant)

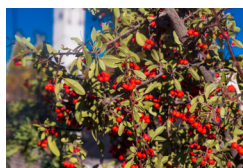
Botanical name: *Ribes oxycanthoides*

Traditional use and eco-system services:

- Berries used in soups and stews, eaten fresh, and used as an ingredient in soap and medicines.
- Attracts pollinators and birds, provides food for humans.

Average Height: 75 cm  
Average Spread: 75 cm  
Sun Exposure: Full sun to shade  
Flower Color: White  
Blooming time: Spring  
Fruiting time: Summer  
Zone: 2

Growing advice: Prefers dry and well-drained soil. Be aware of thorns when choosing the growing location.



### Silver buffaloberry (bullberry)

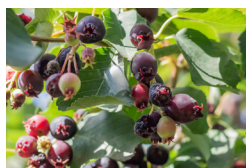
Botanical name: *Shepherdia argentea*

Traditional use and eco-system services:

- Berries made into soup, tea, or a red dye for hides. Dried for winter use.
- Berries provide food for humans. Flowers attract pollinators. Roots help with erosion control on river/lake banks.

Average Height: 3-4 m  
Average Spread: 3-4 m  
Sun Exposure: Full sun  
Flower Color: Yellow - insignificant  
Blooming time: Spring  
Fruiting time: Late summer/early fall  
Zone: 2

Growing advice: Grows aggressively. Prefers dry and well-drained soil and does not tolerate standing water. Be aware of large thorns when choosing the growing location.



### Saskatoon Shrub

Botanical name: *Amelanchier alnifolia*

Traditional use and eco-system services:

- Berries eaten in soups, stews and in Pemmican. Branches used for tools, pipe stems, and dye.
- Provides food for birds and humans, attracts pollinators.

Average Height: 1.8 – 3 m  
Average Spread: 1.8 m  
Sun Exposure: Full to part sun  
Flower Color: White  
Blooming time: Spring/Summer  
Fruiting time: Late summer/fall  
Zone: 2

Growing advice: Prefers dry soil, and open/sunny areas prone to wind. Can be prone to grazing deer, fencing is advised.



### Wolf Willow

Botanical name: *Elaeagnus commutata*

Traditional use and eco-system services:

- The bark was used to make rope and ointment for frostbite and sunburn. Berries were added to soups and used as beads.
- Attracts pollinators, provides food for birds, and helps with erosion control on river/lake banks.

Average Height: 1-3 m  
Average Spread: 1-3 m  
Sun Exposure: Full sun  
Flower Color: Yellow  
Blooming time: Spring  
Zone: 2

Growing advice: Aggressive spreading with suckers and will take over garden area. Only plant where that is acceptable. Tolerates dry to moist conditions.



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# WATER CONSERVATION

## Rebate Program

# Drought Tolerant Plant List

## Trees



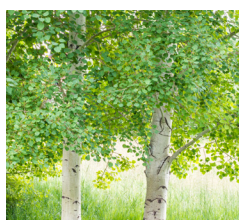
### Amur Maple

Botanical Name: *Acer ginnala*  
Average Height: 6 m  
Average Spread: 6 m  
Sun Exposure: Full sun to part shade  
Flower Colour: Insignificant  
Flowering time: N/A  
Foliage Colour: Dark green – red in the Fall  
Zone: 3



### Bur Oak

Botanical Name: *Quercus macrocarpa*  
Average Height: 10 m  
Average Spread: 8 m  
Sun Exposure: Full sun  
Flower Colour: Insignificant  
Flowering time: N/A  
Foliage Colour: Green  
Zone: 3



### Aspen (Trembling)

Botanical Name: *Populus tremuloides*  
Average Height: 7-8 m  
Average Spread: 5 m  
Sun Exposure: Full sun  
Flower Colour: Insignificant  
Blooming time: Spring – Green catkins  
Foliage Colour: Green  
Zone: 2



### Douglas Fir

Botanical name: *Abies spp.*  
Average Height: up to 15 m  
Average Spread: up to 6 m  
Sun Exposure: Full sun  
Flower Color: N/A  
Blooming time: N/A  
Foliage color: Green  
Zone: 1



Traditional use and eco-system services:

- Aspens used as the centre pole for Okan, the Holy Lodge of the Sun Dance. Parts of tree used for consumption. Bark used by horses for food in the winter season.
- Attract native pollinators as a primary food source in the spring. Habitat for birds and animals. Captures carbon and provides oxygen.

Growing advice Aggressive growth and does best as a group of trees. Prefers well-drained soil.



### Hawthorn (Snowbird)

Botanical Name: *Crataegus x mordenensis 'Snowbird'*  
Average Height: 5 m  
Average Spread: 4 m  
Sun Exposure: Full sun to part shade  
Flower Colour: White  
Flowering time: Late spring  
Foliage Colour: Green  
Zone: 3



### Blue Spruce – Any type

Botanical name: *Picea pungens spp.*  
Average Height: 4 - 12 m  
Average Spread: 1.5 - 8 m  
Sun Exposure: Full sun  
Flower Color: N/A  
Blooming time: N/A  
Foliage color: Silver/Green  
Zone: 1-3



### Hawthorn (Toba)

Botanical Name: *Crataegus x mordenensis 'Toba'*  
Average Height: 5 m  
Average Spread: 4 m  
Sun Exposure: Full sun to part shade  
Flower Colour: Pink  
Flowering time: Late spring  
Foliage Colour: Green  
Zone: 3



These trees require fencing protection from deer for around 3 to 5 years. Providing tree protection prevents bucks from rubbing their antlers on trees in the fall and general deer browsing throughout the year. See the Planting Guide for tips on protecting trees.



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### Japanese Tree Lilac

Botanical Name: *Syringa reticulata*  
Average Height: 5-8 m depending on variety  
Average Spread: 3-7 m depending on variety  
Sun Exposure: Full sun  
Flower Colour: Creamy white  
Flowering time: Late spring to early summer  
Foliage Colour: Green  
Zone: 3



### Pine

Botanical Name: *Pinus spp.*  
Average Height: 10 m  
Average Spread: 4 m  
Sun Exposure: Full sun  
Flower Colour: N/A  
Flowering time: N/A  
Foliage Colour: Green  
Zone: 3



### Juniper

Botanical Name: *Juniperus spp.*  
Average Height: 30 cm - 4 m  
Average Spread: 75 cm - 2.5 m  
Sun Exposure: Full sun  
Flower Colour: Blueish-green  
Flowering time:  
Foliage Colour:  
Zone: 2-3  
NOTE: Plant in a sheltered location in well-drained soil



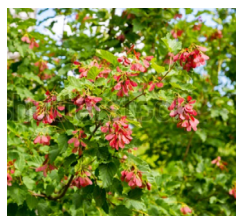
### Siberian Larch

Botanical Name: *Larix siberica*  
Average Height: 20 m  
Average Spread: 6 m  
Sun Exposure: Full sun – partial shade  
Foliage Colour: Green  
Zone: 3  
NOTE: Tree should be fenced for 3-5 years to prevent damage from deer antlers.



### Ohio Buckeye

Botanical Name: *Aesculus glabra*  
Average Height: 9 m  
Average Spread: 7 m  
Sun Exposure: Full sun  
Flower Colour: Creamy yellow  
Flowering time: Spring  
Foliage Colour: Soft green  
Zone: 3



### Tatarian Maple

Botanical name: *Acer tataricum*  
Average Height: 7 m  
Average Spread: 7 m  
Sun Exposure: Full sun to part shade  
Flower Color: N/A  
Blooming time: N/A  
Foliage color: Green – yellow/red in fall  
Zone: 3



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