



## Species Descriptions: Conifer and Deciduous Trees



### Eastern White Pine

Ontario's provincial tree. Fast growing upland conifer grows 100ft tall. Grows well in most SDG sites but prefers sunny, well-drained conditions.



### White Spruce

Thick branches provide great windbreak. Grows 80ft tall. Sensitive to heat and prefers moist, cool sites.



### Norway Spruce

Naturalized species in Ontario. Grows to 130ft. Branches are drooping. Adaptable windbreak species.



### Eastern White Cedar

Grows 50ft tall but new growth can be trimmed annually for desired size. Grows in swampy ground to dry rocky limestone. Sensitive to road salt.



### Tamarack

Pioneer species growing 80ft tall. Prefers full sun and consistent moisture for shallow roots. Soft needles turn golden and shed late autumn.



### Balsam Fir

Shade tolerant evergreen 30-80ft tall. Consistent moisture for shallow roots. Found in low damp sites or hillsides mixed with deciduous trees.



### Mountain Ash

Grows up to 30ft tall. Prefers moist ground but can survive in drier conditions. Full sun. Popular in landscaping for use as a small shade tree.



### Hackberry

Reaches 50ft. Adaptable to many soil types but prefers moist, well-drained soils. Grows best in full sun. Fruit provides food for many birds and mammals.



### Black Walnut

Shade intolerant. Grows best in moist, well-drained, rich soil. Grows 100ft tall and produces round, non-sticky fruits with small, sweet nuts.



### Bitternut Hickory

The most widespread hickory in Canada. 50-65ft. Grows best in moist, rich soils in full-sun. Needs a lot of water in the summer months.



### Silver Maple

Quick growing tree that provides ample shade. 80-115ft tall with a 30-50ft canopy. Grows best in moist, rich soils in full-sun.



### Red Maple

One of the first trees to bud in spring. Adaptable shade tree with shallow spreading roots. Grows 60-80ft tall with 40ft wide canopy.



## Raisin Region Conservation Authority

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### Sugar Maple

Canada's national tree known for its sweet sap. Likes shade and rich soil. Not tolerant of wet sites or road salt. Grows 65-115ft tall with 40ft canopy.



### White Oak

Long living shade tree with strong branches and deep taproot. Grows 60-115ft tall with a full, broad crown of 50-90ft.



### Bur Oak

Most common oak in Ontario. Grows 50-100ft tall with broad crown and deep taproot. Adaptable with thick bark resistant to fire and drought.



### White Birch

Grows 50-80ft tall with open conical crowns. Has peeling white bark. Needs full-sun but tolerates a variety of soil and moisture conditions.



### Black Cherry

Pioneer species preferring full-sun. Grows 50-100ft with small white flowers in spring. Produces dark cherries that are eaten raw or used for preserves.

Trees Ontario Atlas, [ontario.ca/page/tree-atlas](http://ontario.ca/page/tree-atlas), Fergusons Forest Centre, [fergusontreenursery.ca](http://fergusontreenursery.ca), Watersheds Canada, [naturaledge.watersheds.ca](http://naturaledge.watersheds.ca)

*To guide our community in the protection, enhancement, and restoration of our natural environment through programs that balance human, environmental and economic needs for a sustainable future.*





### Species Descriptions: Shrubs



**Pin Cherry**

Reaches 20-40ft with red berries that attract wildlife. Shallow, lateral root system helps prevent erosion.



**Snowberry**

Grows well in sandy or rocky, open areas such as open forests or shorelines. Prefers well-drained soils in full to part sun. 6-15ft. Known for its white berries.



**Serviceberry**

Upright shrub 5-20ft tall. Prefers sunny moist sites. Flowers attract pollinators and edible blue-black berries are enjoyed by humans and birds.



**Highbush Cranberry**

Shrub reaching 10ft tall. Prefers full-sun in moist soil. Grows white flowers in spring followed by red berries that provide food for birds.



**Black Elderberry**

Fast-growing 10-15ft tall with full body. Spreads through shallow roots suckering. Purple fruit is edible when ripe and attracts wildlife.



**Aronia Berry**

Very adaptable 3-10ft tall shrub with tolerance to road salt. White flowers followed by dark purple berries with dry tart flavor. Also known as chokeberry.



**Nannyberry**

Produces raisin-like edible fruit with a pit. Grows 10ft tall in rich soil near water, along forest edge and by roadsides in thickets. Has wildlife and pollinator value.

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## Over-the-Counter Planting Aids



### **Spiral Tree Protector**

Protects trees from rodent damage. 48" guard can be cut to size. White colour reflects heat. Installed annually from November to April.



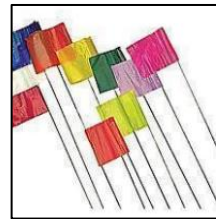
### **Tree Guard Bark Shield**

An alternative to spiral protector. Widen guard by connecting interlocking tabs for trees with larger diameter.



### **Hemp Mat 40cm**

Canadian made, chemical free and biodegradable in 3-4 years. Aids moisture retention, insulation and vegetation control. Mulch as substitute or addition.



### **Vinyl Flag**

Marking flags are 4" X 5" vinyl flag on a 30" wire. Available in blue, pink and yellow. Colour can be selected at pick up.