Raisin Region Conservation Authority
18045 County Road 2, P.O. Box 429, Cornwall, ON K6H 5T2 Tel: 613-938-3611 **www.rrca.on.ca**

Species Descriptions: Conifer and Deciduous Trees



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



Norway Spruce
Naturalized species in Ontario. Grows to 130 ft. Visually attractive, drooping branches. Fast-growing, adaptable windbreak species.



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



Sugar Maple
Ideal for use as a shade tree. Deep and widespread roots. Can reach 110 ft. Grows best in moist soil and full sun.



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



Swamp White Oak
Broad, rounded tree that can grow to 60-70 ft tall. Grows in moist soils in partial to full sun. Tolerates seasonal flooding but not drought.



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



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



Bitternut Hickory
The most widespread hickory in Canada. Can reach 50-65 ft. Grows best in moist sites and full sun. Can tolerate partial shade. Great bat roosting habitat.



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



Balsam Poplar
Great tree for windbreaks and wildlife. Can reach 80 ft. Grows best in moist soils in full sun. Shade intolerant. Features hanging catkins that appear before leaves.



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

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Species Descriptions: Shrubs



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



Alternate-Leaf Dogwood
Slow-growing shrub that reaches 25-30 ft. Grows best in moist soils in part to full sun. Fragrant flowers attract many pollinators.



Winterberry
Globe-shaped, deciduous, medium-sized shrub. Reaches 6-10 ft. Prefers wet soils in full sun. Attracts birds that feed on their bright red berries.



Spicebush
Fast-growing, deciduous shrub with aromatic leaves, stems and bright red berries. Can reach 6-12 ft. Grows best in part to full shade in moist to wet soils.



Fragrant Sumac
Low growing shrub that forms a thick, dense mass of stems that reaches 3 ft high and wide. Excellent for erosion control. Attracts wildlife.

Over-the-Counter Planting Aids



Spiral Tree Protector
Protects trees from rodent damage. 48” guard can be cut to size. White colour reflects heat. Install annually from November to April.



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.



Hemp Mat 40cm
Canadian made, chemical free and biodegradable in 3-4 years. Aids moisture retension, insulation and vegetation control. Use mulch as substitute or addition.

Sources: Trees Ontario Atlas, ontario.ca/page/tree-atlas, Fergusons Forest Centre, fergusontreenursery.ca, naturaledge.watersheds.ca, inaturalist.org