

Subdivision References for Talk

Soil

Soil Help for Newly Constructed Home by Your Leaf Organization

<https://www.yourleaf.org/soil-help-newly-constructed-homes>

Soil texture Self-test to determine Percentage of Sand, Silt Clay

Note: Take samples from 3 or 4 different parts of where you want your garden, about 6 inches down.

[Soil Texture Analysis “The Jar Test” | Home & Garden Information Center \(clemson.edu\)](http://www.clemson.edu/home-garden-information-center/soil-texture-analysis-the-jar-test)

Garden Fundamentals: Soil Ribbon Ball and Feel test Utube

Note: You may want to follow Garden Fundamentals on Utube or Facebook. Robert Pavlis is Master Gardener in Ontario

https://www.youtube.com/watch?v=0XLOs_fYjnc

Soil Nutrient Testing Labs in Ontario – Nitrogen, Phosphorus, Potassium. Etc.

<http://www.omafra.gov.on.ca/english/crops/resource/soillabs.htm>

Sunshine Definitions: For Plant Selection found on plant tags

Full sun 6 or more hours of direct sunlight. This can be broken up 4 hours in the morning.

Shade mid-day, 3-4 hours in the afternoon. Direct full sun. The afternoon sun is the hottest.

Partial sun between 4 – 6 hours

Partial shade between 2 – 4 hours

Shade less than 2 hours

Light Shade partially filtered sun (canopy of tree) – also called dappled or intermittent

Moderate Shade mostly reflected light (floor of a hardwood forest)

Heavy or Dense Shade no direct sunlight, north-facing wall or below dense evergreen trees

Planting Zones of Durham Region:

Note: USA plants are one zone lower than Canadian

This has a great description of each full, part, etc and plants.

<https://www.thespruce.com/what-is-full-sun-partial-shade-1402372>

Ajax, Pickering

Zone 6b - -5F to -0F

Brooklin, Coburg, Courtice, Oshawa, Whitby

Zone 6a - -10F to -5F

Port Perry, Uxbridge

Zone 5b - -15F to -10F

Other Resources

Durham Master Gardeners:

Durhammastergardeners.ca

Articles and tips <https://www.durhammastergardeners.ca/tips.html>

Questions: info@durhammastergardeners.ca

Or also on Facebook/Instagram (Follow us!)

Master Gardeners of Ontario Resource tab: MGOI.ca also on Facebook

<https://www.mgoi.ca/resources/resources.html>

Toronto Master Gardeners: Ask a Master Gardener, resources and Facebook

<https://www.torontomastergardeners.ca/>

Garden Professors Blog – science-based gardening resource

<http://gardenprofessors.com/?s=Professors+blog+>

Leaf

Help property owners in Toronto, York Region, and some municipalities in Durham Region (Whitby, Ajax, Oshawa, Pickering, Scugog) plant trees and shrubs at a subsidized price

<https://www.yourleaf.org/homeowners>

Landscape Ontario

Find a designer, landscaper, tips on style and design, plant care advice, learning tutorials <https://landscapeontario.com/>

Garden Smart

<https://www.gardensmart.tv/>

Invasive Plants in Ontario

<https://www.ontarioinvasiveplants.ca/invasive-plants/species/>

<http://www.invadingspecies.com/plants/>

Small Deciduous Trees List

- Acer ginnala, Amur Maple
- Acer griseum, Paperbark Maple
- Acer palmatum 'Atropurpureum', 'Purpleleaf' Japanese Maple
- Acer palmatum 'Osakazuki', Japanese Maple
- Acer palmatum 'Bloodgood' Japanese Maple
- Amelanchier canadensis, Serviceberry
- Aralia spinosa, Devil's Walking Stick
- Cercis canadensis, Redbud
- Cornus alternifolia, Pagoda Dogwood
- Cornus racemosa, Gray Dogwood
- Crataegus laevigata 'Crimson Cloud', Hawthorn
- Magnolia stellata 'Royal Star', Star Magnolia
- Malus 'Red Jade', 'Red Jade' Crab Apple
- Prunus virginiana, Chokecherry

- *Pyrus calleryana* 'Chanticleer', Ornamental Pear
- *Rhus glabra* 'Laciniata', Cutleaf Smooth Sumac
- *Rhus typhina* 'Baitiger', Tiger Eyes Sumac
- *Sorbus aucuparia*, Mountain Ash
- *Syringa reticulata* 'Ivory Silk', Japanese Lilac
- *Viburnum lentago*, Nannyberry

Small Evergreen Trees

- *Abies concolor*, Silver Fir
- *Chamaecyparis pisifera* 'Boulevard', 'Boulevard' False Cypress
- *Chamaecyparis nootkatensis* 'Glauca', Blue Nootka False Cypress
- *Picea abies* 'Cupressina', Norway Spruce
- *Picea omorika*, Serbian Spruce
- *Picea pungens* 'Moerheim', Moerheim's Blue Spruce
- *Pinus aristata*, Bristlecone Pine
- *Pinus cembra*, Swiss Stone Pine
- *Pinus flexilis* 'Vanderwolf's Pyramid', Vanderwolf's Limber Pine

Columnar trees:

Exclamation marks in the garden

- *Acer platanoides* 'Columnare', Columnar Norway Maple
- *Carpinus betulus* 'Franz Fontaine', 'Franz Fontaine' Pyramidal Hornbeam
- *Fagus sylvatica* 'Dawyck Gold' or 'Dawyck Purple', Columnar European Beech
- *Ginkgo biloba* 'Princeton Sentry'
- *Juniperus chinensis* 'Mountbatten', Mountbatten Juniper
- *Malus baccata* 'Columnaris', Columnar Siberian Crab Apple
- *Picea pungens* 'Fastigiata', Columnar Blue Colorado Spruce
- *Pinus strobus* 'Fastigiata', Pyramidal White Pine
- *Pinus sylvestris* 'Fastigiata', Scots Pine
- *Quercus robur* 'Fastigiata', Pyramidal English Oak
- *Taxus cuspidata* 'Clipped Cone', Pyramid Japanese Yew

Weeping Trees

- *Betula pendula* 'Youngii', Young's Weeping Birch
- *Catalpa bignonioides* 'Nana', Umbrella Tree or Southern Catalpa
- *Cercidiphyllum japonicum* 'Pendula', Weeping Katsura Tree
- *Cercis canadensis* 'Covey', Redbud 'Lavender Twist'

- *Fagus sylvatica* 'Purple Fountain', Weeping Purple European Beech
- *Larix decidua* 'Pendula', Weeping European Larch
- *Malus* 'Red Jade', 'Red Jade' Weeping Crab Apple
- *Morus alba* 'Pendula', Weeping White Mulberry
- *Pinus strobus* 'Pendula', Weeping White Pine
- *Tsuga canadensis* 'Pendula', Sargent's Weeping Hemlock