

RECOMMENDED STREET TREE LIST

This guide provides information on tree species which are recommended for use as street trees in Prince George.

RECOMMENDED TREE LIST

Street tree environments contain some of the most extreme growing conditions with confined spaces, heat, salt spray, pollution, poor drainage, and vandalism or damage. The following list of street tree species are recommended for Prince George given their suitability within locations that include:

- Raised Planter Beds (S), or
- At grade Street Tree Wells (W).

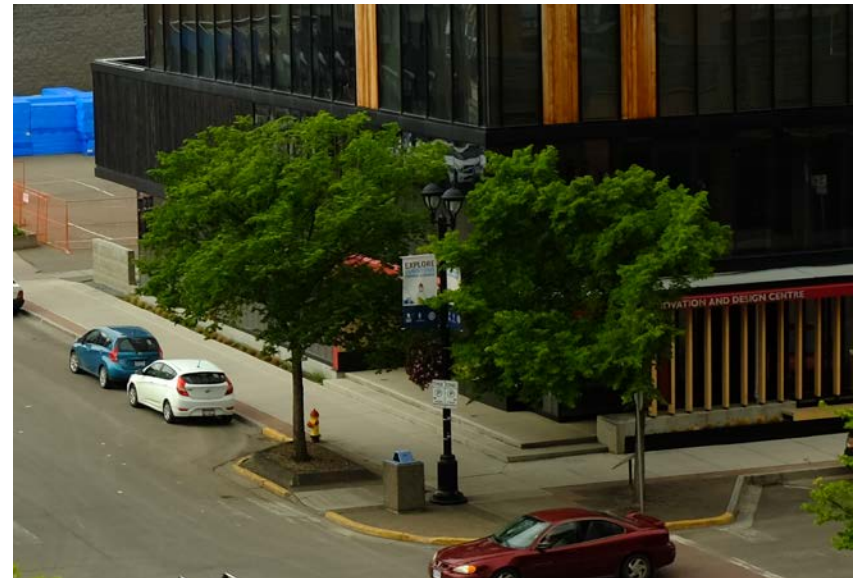
The enclosed tables provide detailed information on each tree species such as their size at maturity, leaf colour, characteristics, salt tolerance, and bear resistance. Note: Some species may also be available in a columnar form which is suitable for narrow sidewalks.

SPECIES NOT RECOMMENDED










A list at the end of this guide identifies tree species which are not recommended for use or should be used with caution.

BOULEVARD, RESIDENTIAL & NATURAL AREA TREES

A list of recommended trees for boulevards, residential, and natural areas is available in a separate document through the City of Prince George.












Street trees in front of the Wood Innovation & Design Centre in PG.

Latin Name/ Common Name	Tree Use	Mature Height/ Width	Summer Leaf Colour	Fall Leaf Colour	Salt Tolerance	Bear Resistance	Characteristics	Photo
Norway Maple <i>Acer platanoides</i> 'Crimson King' 'Columnar' 'Prairie Splendor' 'Easy Street' + others	S, W	8-15m Ht. 5-9m W.			High	High	<ul style="list-style-type: none"> • Various forms from upright to spreading • Several burgundy leaved cultivars • Green leaved cultivars turn bright yellow in fall • Prefers moist soil, but will tolerate other soils • Very few pests problems 	
Red Maple <i>Acer rubrum</i> 'Autumn Blaze' 'Columnare' 'Northwood' 'Red Sunset' +others	S, W	15m Ht. 6-10m W.			Low	High	<ul style="list-style-type: none"> • Beautiful specimen tree • Dense canopy with strong symmetrical branches • Glossy green leaves turn brilliant red in fall • Prefers moist acidic soil • Shade tolerant when young 	
Weeping Birch <i>Betula pendula</i> 'Dalcarlica' 'Purple Rain' 'Tristis' 'Youngii'	S	6-12m Ht. 5-8m W.			Low	High	<ul style="list-style-type: none"> • Similar to Paper Birch but with a weeping form • Very graceful • Cutleaf has finely dissected leaves • 'Youngii' Birch is smaller and useful where space is limited • 'Purple Rain' has striking purple foliage 	




Tree Use:

S – Sidewalk Raised Planter Bed **W** – Sidewalk Tree Wells at grade

Latin Name/ Common Name	Tree Use	Mature Height/ Width	Summer Leaf Colour	Fall Leaf Colour	Salt Tolerance	Bear Resistance	Characteristics	Photo
Amur Maackia Maackia amurensis	S	6m Ht. 6m W.			Low	High	<ul style="list-style-type: none"> • Small graceful tree good for a small yard • Fragrant, yellowish flowers in spring • Golden bark • Low maintenance & adaptable • Virtually pest-free 	
Swedish Columnar Aspen Populus tremula 'erecta'	S, W	12m Ht. 2m W.			Medium	High	<ul style="list-style-type: none"> • Growing in popularity due to it's beautiful columnar habit • Tough, adaptable & fits into restricted spaces • Nice fall colour, no fluffy seeds & non aggressive roots 	
Japanese Tree Lilac Syringa reticulata 'Ivory Silk'	S, W	7m Ht. 5m W.			Medium	High	<ul style="list-style-type: none"> • Small tree with oval crown • Very attractive creamy white flower clusters • Nice specimen for small yard or large planter • Tough tree for urban conditions • Probably underused 	

Tree Use:

S – Sidewalk Raised Planter Bed W – Sidewalk Tree Wells at grade

Latin Name/ Common Name	Tree Use	Mature Height/ Width	Summer Leaf Colour	Fall Leaf Colour	Salt Tolerance	Bear Resistance	Characteristics	Photo
Linden sp. <i>Tilia cordata</i> <i>Tilia mongolica</i> ‘Corinthian’ ‘Greenspire’ ‘Morden’ ‘Harvest Gold’ + others	S, W	15m Ht. 5-10m W.			Medium	High	<ul style="list-style-type: none"> Well-structured tree requiring little pruning Beautiful foliage & fragrant flowers Usually pyramidal in form, but some more upright forms may be available Very tidy tree – an Arborist’s favourite 	

Other Tree Species not recommended for use or should be **used with caution**, include the following:

- **Box Elder or Manitoba Maple (*Acer negundo*)** - Not very pollution, salt, and drought tolerant.
- **Sugar Maple (*Acer saccharum*)** – Not very pollution, salt, and drought tolerant.
- **Ohio Buckeye (*Aesculus glabra*)** – Not very pollution, salt, and drought tolerant. Produces nuts.
- **Hackberry (*Celtis occidentalis*)** – Large tree that requires room and is susceptible to disease.
- **Morden Hawthorne (*Crataegus mordenensis*)** – 3” thorns present a risk to pedestrians.
- **Russian Olive (*Eleagnus angustifolia*)** – Poor form, brittle branching system, and drainage issues can occur.
- **Black Ash & Patmore Ash (*Fraxinus species*)** – Overabundant in PG and pest concerns are present.
- **Butternut (*Juglans cinera*)** – Produces nuts, it is not compatible with urban soils, and is susceptible to fungus.
- **Flowering Crabs (*Malus species*)** – Crab trees produce fruit and are attractants to bears.
- **Burr Oak (*Quercus macrocarpa*)** – Too large for a street tree environment and branches are at a 90 degree angle.
- **Mayday & Chokecherry (*Prunus padus*)** – Produces fruit and are attractants to bears. Black knot disease is prominent.
- **Mountain Ash (*Sorbus aucuparia/decora*)** – Produces fruit and are attractants to bears.
- **Redmond Linden (*Tilia americana ‘Redmond’*)** – Too large for a street tree environment.
- **Elm (*Ulmus americana*)** – Too large for a street tree environment and roots can be aggressive.

Revision Date: February 21, 2019

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