

List of Cold Hardy Prairie Trees

Compiled by Rick Durand, February 23, 2024

Dear Tree Lover,

One of the most common comments I hear on the Prairies is, “I wish there was a wider variety of trees to plant in our urban forests.” That spurred me on to create a list of trees that are currently grown by the major wholesale tree nurseries supplying trees to the prairie market.

Wholesale nursery catalogues sourced in developing this list: Advance, Apple Creek, Aubin, Bailey, Blue Grass, Bron and Sons, Bylands, Cheyenne, Eagle Lake, Foothills, JC Bakker, Jeffries, Lakeshore, Shannon Oaks and Sunstar.

I also utilized the Western Nursery Growers Group website www.prairietrees.ca

Use this list as a guideline only: The commercial nurseries base their decision to grow these trees on past experience, tree trial results, recommendations from other growers and comments from the general public.

Number of trees listed: There are 251 trees listed, but not all of those trees will be suitable for your area, depending on your plant hardiness zone, the overall performance of the tree in your area and the tree’s resistance to insects and diseases.

Plant hardiness zones: Determine which plant hardiness zone you reside in by referring to the chart on pages 18-19. Find the community you live in or live close to, and the plant hardiness zone number will be beside the community’s name.

Western Nursery Growers Group (WNGG) website www.prairietrees.ca

Performance of trees – This website is where you can check the performance of the trees that were tested at sites located in Manitoba at Portage la Prairie, in Saskatchewan at Indian Head and Saskatoon, and in Alberta at Strathmore, Red Deer, Edmonton, and St. Albert. Not all of the trees on my list have been tested since the WNGG tree trials are ongoing. The next WNGG tree trial results will be released in 2026 for the trial years between 2020 to 2025.

Tree diseases – The WNGG website also lists some insects, diseases and environmental conditions that affect prairie trees. Keep in mind that a tree may be cold hardy, but susceptible to a disease that limits its growth. For example, Shubert chokecherry is cold-hardy but not recommended in areas where black knot disease is pervasive.

Legend: A description of each of the columns is on page 17.

Permission to reproduce and share this document: In this way, this knowledge can be passed on to improve choices of what tree(s) to plant in a geographical location in the prairies. The print page format of this document is landscape and **legal (8½ x 14 in).**

Tree credits: A listing of breeder/developer is on page 20 and tree shapes on page 21.

Image credits: iStock: pg. 1 (Calgary) & 16 (Saskatoon); R. Durand: pg. 19 (Portage, MB).

Contact me: If you have comments and/or suggestions, at rickdurand@telus.net



Scientific name in <i>italics</i> Common name (Cultivar name is in bold letters)	Height metre (feet)	Width metre (feet)	Zone	Tree Form	Fall Colour	Majority of Pollination	Native to the Prairies	Male\ Female Flowers	Drought Tolerance	Planting Location				Breeder/ Developer See page 20
										Boulevard	Small Space	Large Space	Collector Tree	
Abies – FIR														
Abies balsamea Balsam fir	15 (50)	6 (20)	3	Pyramidal	Green	Wind	Native	Both	Low			Yes		Seedling
Abies lasiocarpa Sub-alpine fir	20 (65)	6 (20)	3	Pyramidal	Green	Wind	Western Alberta	Both	Low			Yes		Seedling
Abies siberica Siberian fir	20 (65)	8 (26)	3	Cone shaped	Green	Wind		Both	Low			Yes		Seedling
Acer – MAPLE														
Acer ginnala Amur maple	6 (20)	5 (16)	2	Upright spreading	Orange- red	Wind		Both	Medium		Yes	Yes		Seedling
Acer ginnala ‘Flame’ Flame Amur maple	6 (20)	5 (16)	4	Upright spreading	Red	Wind		Both	Medium		Yes	Yes	Yes	Seedling
Acer ginnala ‘JefUM’ Royal Crown Amur maple	6 (20)	5 (16)	3	Rounded	Burgundy- red	Wind		Both	Medium		Yes	Yes		BRUofM
Acer ginnala ‘Ruby Slippers’ Ruby Slippers Amur maple	6 (20)	5 (16)	3	Rounded	Red	Wind		Both	Medium		Yes	Yes		Nursery selection
Acer negundo ‘Baron’ Baron Manitoba maple	15 (50)	10 (33)	3	Rounded	Yellow	Wind	Native	Male	High	Yes		Yes		WRMRS
Acer negundo ‘ByPSN705’ Trailblazer Manitoba maple	15 (50)	10 (33)	3	Rounded	Yellow with red blaze	Wind	Native	Male	High	Yes		Yes		RDBY
Acer negundo ‘Hulksun’ Hulk Manitoba maple	15 (50)	10 (33)	2	Rounded	Yellow	Wind	Native	Male	High	Yes		Yes		SUNJA
Acer negundo ‘Sensation’ Sensation Manitoba maple	15 (50)	10 (33)	4	Rounded	Red	Wind	Native	Male	High			Yes	Yes	WC
Acer platanoides ‘Deborah’ Deborah Norway maple	15 (50)	10 (33)	4	Oval wide	Yellow	Wind		Both	Medium			Yes	Yes	CN
Acer platanoides ‘Prairie Splendor’ Prairie Splendor Norway maple	15 (50)	10 (33)	4	Oval dense	Yellow	Wind		Both	Medium			Yes	Yes	DKU
Acer platanoides ‘Columnare’ Columnar Norway maple	10 (33)	3 (10)	4	Columnar wide	Yellow	Wind		Both	Medium			Yes	Yes	European
Acer platanoides ‘Crimson King’ Crimson King Norway maple	10 (33)	6 (20)	4	Oval wide	Yellow	Wind		Both	Medium			Yes	Yes	European (Belgium)
Acer platanoides ‘Crimson Sentry’ Crimson Sentry Norway maple	10 (33)	6 (20)	4	Oval wide	Yellow	Wind		Both	Medium			Yes	Yes	MSN
Acer rubrum ‘Autumn Spire’ Autumn Spire red maple	10 (33)	6 (20)	3	Oval wide	Red	Wind	NW Ontario	Male	Medium		Yes			HPUofMN

Scientific name in italics Common name (Cultivar name is in bold letters)	Height metre (feet)	Width metre (feet)	Zone	Tree Form	Fall Colour	Majority of Pollination	Native to the Prairies	Male\ Female Flowers	Drought Tolerance	Planting Location				Breeder/ Developer See page 20
										Boulevard	Small Space	Large Space	Collector Tree	
<i>Acer rubrum</i> ‘Jefrouge’ Prairie Rouge red maple	10 (33)	6 (20)	3	Oval wide	Red	Wind	NW Ontario	Male	Medium		Yes			WRJN
<i>Acer rubrum</i> ‘Northwood’ Northwood red maple	10 (33)	6 (20)	3	Rounded to oval	Red	Wind	NW Ontario	Male	Medium		Yes			UMNA
<i>Acer saccharinum</i> Silver maple	15 (50)	12 (38)	3	Upright spreading	Yellow	Wind	NW Ontario	Male or Female	Medium			Yes		Seedling
<i>Acer saccharinum</i> ‘Silver Cloud’ Silver Cloud silver maple	20 (65)	12 (40)	3	Oval wide	Yellow	Wind	NW Ontario	Male	Medium	Yes		Yes		RDPS
<i>Acer saccharum</i> ‘Bailsta’ Fall Fiesta sugar maple	12 (38)	9 (30)	4	Upright rounded	Orange- red	Wind		Both	Low	Yes		Yes	Yes	BN
<i>Acer saccharum</i> ‘Jefcan’ Unity sugar maple	12 (38)	9 (30)	3	Upright rounded	Orange- red	Wind	NW Ontario	Both	Low			Yes	Yes	WRRD
<i>Acer saccharum</i> ‘Jeferno’ Inferno sugar maple	12 (38)	9 (30)	3	Upright rounded	Orange- red	Wind	NW Ontario	Both	Low	Yes		Yes	Yes	WRRD
<i>Acer saccharum</i> ‘Jefselk’ Lord Selkirk sugar maple	12 (38)	9 (30)	3	Upright rounded	Orange- red	Wind	NW Ontario	Both	Low			Yes	Yes	Seedling
<i>Acer tatarian</i> ‘Gar Ann’ Hot Wings tatarian maple	7 (23)	6 (20)	2	Upright spreading	Golden yellow	Wind		Both	Medium		Yes	Yes		FCWN
<i>Acer tatarian</i> ‘JFS-KW2’ Rugged Charm tatarian maple	7 (23)	6 (20)	3	Upright spreading	Orange - red	Wind		Both	Medium		Yes	Yes		KWJFS
<i>Acer x freemanii</i> ‘DurPSN 204’ Raging Bull freeman maple	10 (33)	6 (20)	3	Oval wide	Red	Wind	NW Ontario	Male	Medium		Yes	Yes		RDBY
<i>Acer x freemanii</i> ‘Jefcel’ Regal Celebration freeman maple	10 (33)	6 (20)	3	Oval wide	Red	Wind	NW Ontario	Male	Medium		Yes	Yes		RDWR
<i>Acer x freemanii</i> ‘Jeffersred’ Autumn Blaze freeman maple	15 (50)	12 (38)	4	Oval wide	Red	Wind		Male	Medium			Yes	Yes	GJ
<i>Acer x freemanii</i> ‘Sienna Glen’ Sienna Glen freeman maple	15 (50)	12 (38)	4	Oval wide	Yellow- orange	Wind		Male	Medium			Yes	Yes	DH
<i>Aesculus</i> – BUCKEYE														
<i>Aesculus glabra</i> Ohio buckeye	12 (38)	8 (26)	2	Rounded open	Orange- red	Insects		Both	Medium			Yes		Seedling
<i>Aesculus x</i> ‘Autumn Splendor’ Autumn Splendor buckeye	11 (36)	8 (26)	3	Rounded open	Orange- red	Insects		Both	Medium			Yes		UMNA
<i>Aesculus x</i> ‘Bergeson’ Prairie Torch buckeye	11 (36)	8 (26)	3	Rounded open	Orange- red	Insects		Both	Medium			Yes		DHND SU
<i>Alnus</i> – ALDER														
<i>Alnus hirsuta</i> ‘Harbin’ Prairie Horizon Manchurian alder	10 (33)	6 (20)	3	Upright pyramidal	Green- brown	Wind		Both	High	Yes		Yes		DHND SU

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										Boulevard	Small Space	Large Space	Collector Tree	
Betula – BIRCH														
<i>Betula nigra</i> ‘Dickinson’ Northern Tribute river birch	12 (38)	9 (30)	3	Oval wide	Golden yellow	Wind		Both	Low				Yes	DHNSU
<i>Betula papyrifera</i> Paper birch	12 (38)	9 (30)	2	Rounded loose	Yellow	Wind	Native	Both	Low			Yes		Seedling
<i>Betula papyrifera</i> ‘Varen’ Prairie Dream birch	12 (38)	9 (30)	2	Oval wide	Yellow	Wind	Native	Both	Low			Yes		DHNSU
<i>Betula papyrifera</i> x ‘Chickadee’ Chickadee birch	10 (33)	7 (23)	2	Pyramidal	Yellow	Wind	Native	Both	Low			Yes		JW
<i>Betula pendula</i> ‘laciniata’ Cutleaf Weeping birch	12 (38)	12 (38)	3	Weeping	Yellow	Wind		Both	Low			Yes		Europe
<i>Betula pendula</i> ‘Yougii’ Young’s Weeping birch	5 (16)	4 (13)	3	Weeping	Yellow	Wind		Both	Low		Yes			Europe
<i>Betula platyphylla</i> ‘Fargo’ Dakota Pinnacle birch	10 (33)	3 (10)	3	Columnar	Yellow	Wind		Both	Low		Yes	Yes		DHNSU
<i>Betula platyphylla</i> ‘Jefpark’ Parkland Pillar birch	10 (33)	2.5 (8)	3	Columnar	Yellow	Wind		Both	Low		Yes	Yes		DB
<i>Betula tianshanica</i> ‘Emerdak’ Emerald Flare Tianshan birch	9 (30)	3.6 (12)	4	Pyramidal	Yellow	Wind		Both	Low		Yes	Yes	Yes	TWNDSU
<i>Betula</i> x ‘Crimson Frost’ Crimson Frost hybrid birch	10 (33)	6 (20)	4	Narrow pyramidal	Purple	Wind		Both	Low		Yes	Yes	Yes	Nursery selection
<i>Betula</i> x ‘Penci-2’ Royal Frost hybrid birch	10 (33)	6 (20)	4	Narrow pyramidal	Purple	Wind		Both	Low		Yes	Yes	Yes	EGN
<i>Betula</i> x ‘ByDaveK’ Purple Treasure hybrid birch	10 (33)	6 (20)	3	Narrow pyramidal	Red	Wind		Both	Low		Yes	Yes		DK
Caragana – CARAGANA														
<i>Caragana arborescens</i> ‘Jefarb’ Green Spires hybrid caragana	5 (16)	2.5 (8)	2	Oval wide	Yellow	Insects		Both but sterile	High		Yes	Yes		GMND
<i>Caragana arborescens</i> ‘Sutherland’ Sutherland caragana	5 (16)	2 (7)	2	Columnar open	Yellow	Insects		Both but sterile	High		Yes	Yes		LKSFNS
Catalpa – CATALPA														
<i>Catalpa speciosa</i> northern catalpa	10 (33)	6 (20)	4	Oval wide	Yellow- brown	Insects		Both	Medium			Yes	Yes	Seedling
Celtis – HACKBERRY														
<i>Celtis occidentalis</i> hackberry	12 (40)	9 (30)	3	Oval wide	Yellow	Wind		Both	Medium	Yes		Yes		Seedling

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										Boulevard	Small Space	Large Space	Collector Tree	
Crataegus – HAWTHORN														
Crataegus x mordensis ‘Snowbird’ Snowbird hawthorn	6 (20)	5 (16)	3	Upright spreading	Yellow- brown	Insects		Both	High		Yes	Yes		MRS
Crataegus x mordensis ‘Toba’ Toba hawthorn	6 (20)	5 (16)	3	Upright spreading	Yellow- brown	Insects		Both	High		Yes	Yes		MRS
Elaeagnus – OLIVE														
Elaeagnus angustifolia Russian olive	10 (33)	6 (20)	3	Rounded loose	Silver	Insects		Both	High			Yes		Seedling
Fraxinus – ASH														
Fraxinus americana ‘BYPSN611’ Shiraz white ash	12 (38)	9 (30)	3	Oval wide	Purple	Wind		Male	High			Yes	Yes	RDBY
Fraxinus americana ‘DurGar’ Tuxedo white ash	12 (38)	9 (30)	3b	Oval wide	Purple	Wind		Male	High			Yes	Yes	RDPS
Fraxinus americana ‘DurKaren’ Calypso white ash	12 (38)	9 (30)	3b	Oval wide	Purple	Wind		Female	High			Yes	Yes	RDPS
Fraxinus americana ‘Jefnor’ Northern Blaze white ash	15 (50)	11 (36)	3	Oval wide	Brown- purple	Wind		Male	High	Yes		Yes		WRJN
Fraxinus americana ‘Jefwis’ Nobility white ash	15 (50)	11 (36)	3	Oval wide	Purple	Wind		Male	High	Yes	Yes			PR
Fraxinus excelsior ‘Excel’ Excel ash	15 (50)	7 (23)	4	Oval wide	Yellow	Wind		Male	High			Yes	Yes	DKU
Fraxinus mandshurica ‘Mancana’ Mancana ash	12 (38)	12 (38)	3	Rounded open	Golden yellow	Wind		Male	High	Yes		Yes		MRS
Fraxinus nigra ‘Fallgold’ Fallgold black ash	12 (38)	5 (16)	2	Oval	Golden yellow	Wind	Native	Male	High	Yes		Yes		WRMRS
Fraxinus pennsylvanica Green ash	15 (50)	11 (36)	2	Rounded loose	Yellow	Wind	Native	Male or Female	High	Yes		Yes		Seedling
Fraxinus pennsylvanica ‘Durwinky’ Trojan green ash	12 (38)	9 (30)	2	Oval wide	Yellow	Wind	Native	Male	High	Yes		Yes		RDPS
Fraxinus pennsylvanica ‘Heuver’ Foothills green ash	15 (50)	11 (36)	3	Rounded open	Yellow	Wind	Native	Male	High	Yes		Yes		HH
Fraxinus pennsylvanica ‘Patmore’ Patmore green ash	15 (50)	11 (36)	3	Rounded loose	Yellow	Wind	Native	Male	High	Yes		Yes		DP
Fraxinus pennsylvanica ‘Rugby’ Prairie Spire green ash	15 (50)	11 (36)	3	Oval wide	Yellow	Wind	Native	Male	High	Yes		Yes		DHND SU
Fraxinus x ‘Northern Gem’ Northern Gem hybrid ash	15 (50)	11 (36)	3	Rounded open	Golden yellow	Wind		Male	High	Yes		Yes		WRCD

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										Boulevard	Small Space	Large Space	Collector Tree	
<i>Fraxinus x</i> ‘Northern Treasure’ Northern Treasure hybrid ash	15 (50)	11 (36)	3	Rounded open	Golden yellow	Wind		Male	High	Yes		Yes		WRCD
<i>Gleditsia</i> – HONEYLOCUST														
<i>Gleditsia triacanthos</i> ‘Dursan’ Prairie Silk honeylocust	9 (30)	9 (30)	4	Upright spreading	Yellow	Insects		Both	High			Yes	Yes	RDPS
<i>Gleditsia triacanthos</i> ‘Harve’ Northern Acclaim honeylocust	12 (38)	9 (30)	4	Upright spreading	Yellow	Insects		Male	High			Yes	Yes	DHND SU
<i>Gymnocladus</i> – COFFEETREE														
<i>Gymnocladus dioicus</i> Kentucky coffeetree	15 (50)	8 (26)	4	Oval wide	Yellow	Insects		Male or female	High			Yes	Yes	Seedlings
<i>Juglans</i> – WALNUT														
<i>Juglans cinera</i> butternut	12 (38)	9 (30)	3	Rounded open	Green to yellow	Wind		Both	Medium			Yes	Yes	Seedlings
<i>Juglans mandshurica</i> Manchurian walnut	12 (38)	9 (30)	3b	Rounded open	Green to yellow	Wind		Both	Medium			Yes	Yes	Seedlings
<i>Juglans nigra</i> black walnut	12 (38)	9 (30)	3b	Rounded open	Green to yellow	Wind		Both	Medium			Yes	Yes	Seedlings
<i>Larix</i> – LARCH														
<i>Larix laricina</i> native larch	15 (50)	7 (23)	2	Pyramidal	Golden yellow	Wind	Native	Both	High			Yes		Seedling
<i>Larix sibirica</i> Siberian larch	15 (50)	7 (23)	2	Conical	Golden yellow	Wind		Both	High			Yes		Seedling
<i>Larix sibirica</i> ‘Durcarl’ Oasis Siberian larch	15 (50)	7 (23)	3	Conical, dense	Golden yellow	Wind		Both	High			Yes		RDPS
<i>Maackia</i> – MAACKIA														
<i>Maackia amurensis</i> ‘Summer Frost’ Summer Frost Amur maackia	8 (26)	5 (16)	3	Rounded	Yellow	Insects		Both	High		Yes	Yes	Yes	RDGM
<i>Malus</i> – ORNAMENTAL CRABAPPLE														
<i>Malus</i> ‘Almey’ Almey flowering crabapple	6 (20)	4 (13)	3	Rounded	Yellow- orange	Insects		Both	Medium	Yes		Yes		LKMRS
<i>Malus</i> ‘Big River’ Big River flowering crabapple	6 (20)	5 (16)	3	Rounded	Yellow- orange	Insects		Both	Medium	Yes		Yes		Nursery selection
<i>Malus</i> ‘ByFrank’ Dark Knight flowering crabapple	6 (20)	4 (13)	3	Oval wide	Purple	Insects		Both	Medium			Yes	Yes	RDBY

<i>Scientific name in italics</i> Common name (Cultivar name is in bold letters)	<i>Height</i> <i>metre</i> <i>(feet)</i>	<i>Width</i> <i>metre</i> <i>(feet)</i>	<i>Zone</i>	<i>Tree Form</i>	<i>Fall</i> <i>Colour</i>	<i>Majority of</i> <i>Pollination</i>	<i>Native to</i> <i>the Prairies</i>	<i>Male\</i> <i>Female</i> <i>Flowers</i>	<i>Drought</i> <i>Tolerance</i>	<i>Planting Location</i>				<i>Breeder/</i> <i>Developer</i> <i>See page 20</i>
										<i>Boulevard</i>	<i>Small</i> <i>Space</i>	<i>Large</i> <i>Space</i>	<i>Collector</i> <i>Tree</i>	
<i>Malus</i> ‘By1901’ Torchlight flowering crabapple	6 (20)	2 (7)	3	Columnar	Purple	Insects		Both	Medium		Yes	Yes		RDBY
<i>Malus</i> ‘Dolgo’ Dolgo flowering crabapple	6 (20)	4 (13)	2	Oval wide	Yellow	Insects		Both	Medium	Yes		Yes		SDSU
<i>Malus</i> ‘DurLawrence’ Courageous flowering crabapple	6 (20)	4 (13)	2	Upright oval	Orange	Insects		Both but sterile	Medium	Yes		Yes		RDPS
<i>Malus</i> ‘DurLeo’ Gladiator rosybloom crabapple	6 (20)	4 (13)	2	Oval wide	Purple	Insects		Both	Medium	Yes		Yes		RDPS
<i>Malus</i> ‘DurPSN130’ Ambassador flowering crabapple	6 (20)	4 (13)	2	Oval wide	Purple	Insects		Both	Medium	Yes		Yes		RDPS
<i>Malus</i> ‘Fuchsia Girl’ Fuchsia Girl flowering crabapple	6 (20)	4 (13)	2	Rounded	Purple	Insects		Both	Medium	Yes				LK
<i>Malus</i> ‘Theonstar’ Jade Bouquet columnar crabapple	6 (20)	2 (7)	3	Columnar	Jade green	Insects		Both	Medium		Yes	Yes		TP
<i>Malus</i> ‘Jefgreen’ Emerald Spire columnar crabapple	6 (20)	2 (7)	3	Columnar	Purple-green	Insects		Both	Medium		Yes	Yes		RDWR
<i>Malus</i> ‘Jefnite’ Midnite Spire columnar crabapple	6 (20)	2 (7)	3	Columnar	Purple	Insects		Both	Medium		Yes	Yes		WRJN
<i>Malus</i> ‘Jeflite’ Starlite flowering crabapple	6 (20)	4 (13)	2	Rounded	Yellow	Insects		Both	Medium	Yes		Yes		RDWR
<i>Malus</i> ‘Jefwall’ Green Wall columnar crabapple	6 (20)	2 (7)	3	Columnar	Yellow	Insects		Both	Medium		Yes	Yes		WRJN
<i>Malus</i> ‘Kelsey’ Kelsey flowering crabapple	6 (20)	4 (13)	2	Upright spreading	Orange-yellow	Insects		Both	Medium	Yes		Yes		BCMRS
<i>Malus</i> ‘Makamik’ Makamik flowering crabapple	6 (20)	4 (13)	2	Rounded loose	Yellow	Insects		Both	Medium	Yes		Yes		IPAC
<i>Malus</i> ‘Pink Spires’ Pink Spires flowering crabapple	6 (20)	4 (13)	2	Oval wide	Yellow	Insects		Both	Medium	Yes		Yes		LKSFNS
<i>Malus</i> ‘Purple Spire’ Purple Spire flowering crabapple	6 (20)	2 (7)	3	Columnar	Purple	Insects		Both	Medium			Yes		DLSRC
<i>Malus</i> ‘Radiant’ Radiant flowering crabapple	6 (20)	4 (13)	2	Upright spreading	Orange	Insects		Both	Medium	Yes		Yes		UMNA
<i>Malus</i> ‘Royal Mist’ Royal Mist flowering crabapple	6 (20)	4 (13)	3	Oval wide	Purple	Insects		Both	Medium	Yes		Yes		RDWR
<i>Malus</i> ‘Rosthern’ Rosthern flowering crabapple	6 (20)	2.5 (8)	2	Oval narrow	Yellow	Insects		Both	Medium		Yes	Yes		REFAC

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										Boulevard	Small Space	Large Space	Collector Tree	
<i>Malus</i> ‘Royalty’ Royalty flowering crabapple	6 (20)	4 (13)	2	Upright spreading	Purple	Insects		Both	Medium			Yes		LKSFNS
<i>Malus</i> ‘Rudolph’ Rudolph flowering crabapple	6 (20)	4 (13)	2	Upright spreading	Reddish- purple	Insects		Both	Medium			Yes		FS
<i>Malus</i> ‘Selkirk’ Selkirk flowering crabapple	6 (20)	4 (13)	2	Upright spreading	Yellow	Insects		Both	Medium			Yes		MRS
<i>Malus</i> ‘Shaughnessy Cohen’ Shaughnessy Cohen flowering crab	6 (20)	4 (13)	3	Rounded	Yellow	Insects		Both	Medium			Yes		CDMRS
<i>Malus</i> ‘Spring Snow’ Spring Snow flowering crabapple	6 (20)	4 (13)	2	Rounded	Yellow	Insects		Both but sterile	Medium			Yes		BP
<i>Malus</i> ‘Sunsterile’ Velocity flowering crabapple	6 (20)	4 (13)	2	Oval wide	Yellow	Insects		Both but sterile	Medium			Yes		SUNJA
<i>Malus</i> ‘Thunderchild’ Thunderchild flowering crabapple	6 (20)	4 (13)	2	Upright spreading	Purple	Insects		Both	Medium			Yes		PW
<i>Ostrya</i> – IRONWOOD														
<i>Ostrya virginiana</i> ironwood	8 (26)	5 (16)	3	Rounded	Yellow	Insects	Native	Both	High			Yes		Seedling
<i>Phellodendron</i> – AMUR CORK TREE														
<i>Phellodendron amurense</i> Amur Cork Tree	12 (38)	12 (38)	3	Rounded loose	Yellow	Insects		Male or Female	Medium		Yes	Yes		Seedlings
<i>Phellodendron amurense</i> ‘ByPSN800’ Vino Amur cork tree	12 (38)	12 (38)	3	Rounded loose	Yellow	Insects		Male	Medium		Yes	Yes		RDBY
<i>Picea</i> – SPRUCE														
<i>Picea abies</i> Norway spruce	20 (65)	8 (26)	4	Broad pyramidal	Green	Wind		Both	Medium			Yes	Yes	Seedling
<i>Picea abies</i> ‘Columnaris’ Columnar Norway spruce	9 (30)	3 (10)	4	Oval narrow	Green	Wind		Both	Medium			Yes	Yes	CNF
<i>Picea abies</i> ‘fennica’ Finnish spruce	20 (65)	8 (26)	3	Broad pyramidal	Green	Wind		Both	Medium			Yes		European
<i>Picea glauca</i> white spruce	20 (65)	8 (26)	3	Broad pyramidal	Green	Wind	Native	Both	Medium			Yes		Seedling
<i>Picea glauca</i> ‘Montrose Charm’ Montrose Charm white spruce	10 (33)	3 (10)	3	Columnar narrow	Green	Wind	Native	Both	Medium			Yes		Seedling
<i>Picea glauca</i> ‘pendula’ weeping white spruce	6 (20)	2 (7)	3	Weeping pyramidal	Green	Wind		Both	Medium		Yes	Yes		Seedling
<i>Picea glauca</i> Var. densata Black Hills white spruce	13 (40)	8 (26)	2	Conical	Green	Wind	Native	Both	Medium			Yes		Seedling

Scientific name in italics Common name (Cultivar name is in bold letters)	Height metre (feet)	Width metre (feet)	Zone	Tree Form	Fall Colour	Majority of Pollination	Native to the Prairies	Male\ Female Flowers	Drought Tolerance	Planting Location				Breeder/ Developer See page 20
										Boulevard	Small Space	Large Space	Collector Tree	
<i>Picea meyeri</i> Meyer’s dwarf spruce	20 (65)	8 (26)	3	Pyramidal	Green	Wind		Both	Medium			Yes		Seedling
<i>Picea pungens</i> Colorado blue spruce	20 (65)	8 (26)	2	Pyramidal	Blue	Wind		Both	High			Yes		Seedling
<i>Picea pungens</i> ‘Baby Blue’ Baby Blue Colorado spruce	9 (30)	5 (16)	3	Pyramidal	Blue	Wind		Both	High			Yes		Seedling
<i>Picea pungens</i> ‘Baby Blue Eyes’ Baby Blue Eyes Colorado spruce	9 (30)	5 (16)	3	Pyramidal	Blue	Wind		Both	High			Yes		Seedling
<i>Picea pungens</i> ‘Bakeri’ Baker’s Colorado blue spruce	4 (13)	2 (7)	3	Narrow, pyramidal	Blue	Wind		Both	High			Yes		1933 introduction
<i>Picea pungens</i> ‘Blue Diamond’ Blue Diamond Colorado blue spruce	8 (25)	6 (20)	3	Pyramidal	Blue	Wind		Both	High			Yes		Europe
<i>Picea pungens</i> ‘Crystal Blue’ Crystal Blue spruce	12 (38)	5 (16)	3	Pyramidal	Blue	Wind		Both	High			Yes		Seedling
<i>Picea pungens</i> ‘Fat Albert’ Fat Albert spruce	9 (30)	5 (16)	3	Pyramidal	Blue	Wind		Both	High			Yes		ISN
<i>Picea pungens</i> ‘Hoopsii’ Hoopsii spruce	12 (38)	6 (20)	3	Pyramidal	Blue	Wind		Both	High			Yes		HNG
<i>Pinus</i> – PINE														
<i>Pinus aristata</i> Rocky Mountain Bristlecone	5 (16)	3 (10)	3	Pyramidal irregular	Blue-green	Wind	South-west Alberta	Both	High		Yes	Yes		Seedling
<i>Pinus banksiana</i> Jack pine	20 (65)	6 (20)	2	Conical irregular	Green	Wind	Native	Both	High			Yes		Seedling
<i>Pinus cembra</i> Swiss Stone pine	12 (40)	6 (20)	3	Pyramidal narrow	Green	Wind		Both	High			Yes		Seedling
<i>Pinus contorta latifolia</i> Lodgepole pine	20 (65)	6 (20)	2	Conical irregular	Green	Wind	Native to Alberta	Both	High			Yes		Seedling
<i>Pinus flexilis</i> ‘Cesarini Blue’ Blue Limber pine	8 (26)	2 (7)	3b	Conical dense	Blue-green	Wind		Both	High			Yes		JC
<i>Pinus ponderosa</i> Ponderosa pine	15 (50)	8 (26)	3	Oval wide	Green	Wind	South-west Alberta	Both	High			Yes		Seedling
<i>Pinus sylvestris</i> Scots pine	15 (50)	8 (26)	3	Rounded loose	Green	Wind		Both	High			Yes		Seedling
<i>Pinus sylvestris</i> ‘Fastigiata’ Columnar Scots pine	8 (26)	2 (7)	3	Columnar narrow	Green	Wind		Both	High			Yes		Europe
<i>Pinus sylvestris</i> ‘French Blue’ French Blue Scots pine	15 (50)	8 (26)	3	Rounded loose	Blue-green	Wind		Both	High			Yes		Seedling

Scientific name in italics Common name (Cultivar name is in bold letters)	Height metre (feet)	Width metre (feet)	Zone	Tree Form	Fall Colour	Majority of Pollination	Native to the Prairies	Male\ Female Flowers	Drought Tolerance	Planting Location				Breeder/ Developer See page 20
										Boulevard	Small Space	Large Space	Collector Tree	
<i>Pinus uncinata</i> Mountain pine	10 (33)	5 (16)	3	Oval wide	Green	Wind		Both	High		Yes	Yes		Seedling
Populus – ASPEN & POPLAR														
<i>Populus x acuminata</i> Lanceleaf poplar	15 (50)	6 (20)	3	Oval wide	Yellow	Wind	Native	Male	Medium			Yes		Native hybrid
<i>Populus angustifolia</i> Narrowleaf poplar	15 (50)	9 (30)	3	Oval wide	Yellow	Wind	Native	Male	Medium			Yes		Native
<i>Populus balsamifera</i> Balsam poplar	15 (50)	9 (30)	2	Rounded	Yellow	Wind	Native	Male or Female	Medium			Yes		Native
<i>Populus balsamifera</i> ‘Paskapoo’ Paskapoo balsam poplar	7 (23)	7 (23)	2	Rounded	Yellow	Wind	Native	Male	Medium			Yes		KW
<i>Populus deltoides</i> ‘Jefcot’ Skyfest poplar	24 (80)	9 (30)	3	Oval wide	Yellow	Wind	Native	Male	Medium			Yes		RDWR
<i>Populus deltoides</i> ‘Siouxland’ Siouxland cottonwood poplar	20 (65)	12 (38)	3	Oval wide	Yellow	Wind	Native	Male	Medium			Yes		SDSU
<i>Populus grandidentata</i> ‘Durman’ Sabre large-toothed aspen	12 (38)	3 (10)	2	Oval wide	Yellow	Wind	Native	Male	Medium			Yes		RDPS
<i>Populus grandidentata</i> ‘Jefmont’ Grandmont large-toothed aspen	12 (38)	3 (10)	2	Oval wide	Yellow	Wind	Native	Male	Medium			Yes		WRJN
<i>Populus sargentii</i> Sargent poplar	20 (65)	10 (33)	3	Rounded open	Yellow	Wind	Native	Male	Medium			Yes		Native
<i>Populus tremula</i> ‘Erecta’ Swedish Columnar aspen	10 (33)	1.5 (5)	2	Columnar	Yellow	Wind		Male	Medium		Yes	Yes		Europe
<i>Populus tremuloides</i> Trembling aspen	15 (50)	8 (26)	2	Rounded spreading	Yellow	Wind	Native	Male or Female	Medium			Yes		Seedling
<i>Populus tremuloides</i> ‘By1906’ Alpha trembling aspen	10 (33)	1.5 (5)	2	Columnar	Yellow	Wind	Native	Male	Medium		Yes	Yes		RDBY
<i>Populus tremuloides</i> ‘Advance Upright’ Advance Upright trembling aspen	15 (50)	5 (16)	2	Oval narrow	Yellow	Wind		Male	Medium			Yes		GM
<i>Populus tremuloides</i> ‘ByJoe’ Amigo trembling aspen	15 (50)	8 (26)	2	Rounded spreading	Yellow	Wind	Native	Male	Medium			Yes		RDJM
<i>Populus tremuloides</i> ‘KMN01’ Dancing Flame trembling aspen	15 (50)	8 (26)	2	Oval narrow	Yellow	Wind	Native	Male	Medium			Yes		KMCV
<i>Populus tremuloides</i> ‘Prairie Skyrise’ Prairie Skyrise hybrid aspen	10 (33)	1.5 (5)	2	Columnar	Yellow	Wind		Male	Medium			Yes		BSN
<i>Populus x</i> ‘ACWS151’ Sundancer poplar	15 (50)	5 (16)	2	Oval wide	Yellow	Wind		Male	Medium			Yes		PFRA

<i>Scientific name in italics</i> Common name (Cultivar name is in bold letters)	<i>Height</i> metre (feet)	<i>Width</i> metre (feet)	<i>Zone</i>	<i>Tree Form</i>	<i>Fall</i> Colour	<i>Majority of</i> Pollination	<i>Native to</i> the Prairies	<i>Male\</i> <i>Female</i> Flowers	<i>Drought</i> Tolerance	<i>Planting Location</i>				<i>Breeder/</i> <i>Developer</i> See page 20
										<i>Boulevard</i>	<i>Small</i> <i>Space</i>	<i>Large</i> <i>Space</i>	<i>Collector</i> <i>Tree</i>	
<i>Populus x</i> ‘Assiniboine’ Assiniboine poplar	15 (50)	9 (30)	3	Oval wide	Yellow	Wind		Male	Medium			Yes		PFRA
<i>Populus x</i> ‘Byland Green’ Byland Green poplar	20 (65)	10 (33)	3	Oval wide	Yellow	Wind		Male	Medium			Yes		BRC
<i>Populus x</i> ‘Byrick’ Gatekeeper columnar aspen	12 (38)	2.5 (8)	3	Columnar	Yellow	Wind		Male	Medium		Yes	Yes		RDBY
<i>Populus x</i> ‘City of Calgary’ Memorial poplar	18 (60)	10 (33)	3	Oval wide	Yellow	Wind		Male	Medium			Yes		CCPD
<i>Populus x</i> ‘Jefguard’ Guardian columnar aspen	12 (38)	3 (10)	3	Columnar	Yellow	Wind		Male	Medium		Yes	Yes		WRRD
<i>Populus x</i> ‘Katepwa’ Katepwa poplar	15 (50)	9 (30)	2	Oval wide	Yellow	Wind		Male	Medium			Yes		PFRA
<i>Populus x</i> ‘Okanese’ Okanese poplar	18 (60)	8 (26)	2	Rounded	Yellow	Wind		Male	Medium			Yes		PFRA
<i>Populus x</i> ‘Prairie Sky’ Prairie Sky poplar	20 (65)	5 (16)	3	Oval wide	Yellow	Wind		Male	Medium			Yes		WRMRS
<i>Populus x</i> ‘Tristis’ Tristis poplar	15 (50)	10 (33)	3	Rounded	Yellow	Wind		Male	Medium			Yes		Europe
<i>Populus x</i> ‘Walker’ Walker poplar	20 (65)	5 (16)	2	Oval wide	Yellow	Wind		Female	Medium			Yes		PFRA
<i>Populus x canescens</i> ‘Tower’ Tower aspen	10 (33)	2 (7)	3	Columnar	Yellow	Wind		Male	Medium		Yes	Yes		WRMRS
<i>Populus x</i> ‘Northwest’ Northwest poplar	20 (65)	10 (33)	2	Rounded open	Yellow	Wind	Native hybrid	Male	Medium			Yes		Natural hybrid
<i>Prunus</i> – CHERRY & PLUM														
<i>Prunus maackii</i> ‘Jedike’ Klondike Amur cherry	8 (26)	5 (16)	3	Rounded open	Yellow	Insects		Both	Medium			Yes		WRJN
<i>Prunus maackii</i> ‘Jefspur’ Goldspur Amur cherry	5 (16)	3 (10)	3	Oval narrow	Yellow	Insects		Both	Medium		Yes	Yes		PR
<i>Prunus nigra</i> ‘Princess Kay’ Princess Kay cherry	5 (16)	5 (16)	2	Rounded	Yellow to orange	Insects	Native	Both	Medium		Yes	Yes		UMNA
<i>Prunus padus</i> Mayday cherry	10 (33)	8 (26)	2	Rounded	Yellow	Insects		Both	Medium			Yes		Seedling
<i>Prunus padus</i> ‘Advance’ Advance mayday	9 (30)	6 (20)	3	Oval narrow	Yellow	Insects		Both	Medium			Yes		GM
<i>Prunus padus</i> ‘Sunstar’ Sunstar mayday	9 (30)	8 (26)	3	Oval wide	Yellow	Insects		Both	Medium			Yes		SUNHV

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										Boulevard	Small Space	Large Space	Collector Tree	
<i>Prunus padus</i> ‘Sweetheart’ Sweetheart mayday	6 (20)	3 (10)	2	Upright spreading	Yellow	Insects		Both	Medium		Yes	Yes		GM
<i>Prunus pennsylvanica</i> Pin cherry	5 (16)	3 (10)	2	Upright spreading	Yellow	Insects	Native	Both	Medium			Yes		Seedling
<i>Prunus virginiana</i> ‘Arrowhead Schubert’ Arrowhead Dwarf Schubert cherry	6 (20)	4 (13)	2	Pyramidal	Purple	Insects	Native	Both	Medium			Yes		JV
<i>Prunus virginiana</i> ‘Bailey Select’ Bailey Select cherry	7 (23)	5 (16)	2	Rounded dense	Purple	Insects	Native	Both	Medium			Yes		BN
<i>Prunus virginiana</i> ‘Midnight’ Midnight cherry	6 (20)	6 (20)	2	Rounded	Purple	Insects	Native	Both	Medium			Yes		LTF
<i>Prunus virginiana</i> ‘Schubert’ Schubert cherry	7 (23)	5 (16)	2	Oval wide	Purple	Insects	Native	Both	Medium			Yes		OWN
<i>Prunus virginiana</i> ‘Spur’ Spur cherry	7 (23)	5 (16)	2	Oval wide	Purple	Insects	Native	Both	Medium			Yes		Nursery selection
<i>Prunus x</i> ‘Ming’ Ming Amur cherry hybrid	8 (26)	5 (16)	2	Oval wide	Yellow	Insects		Both	Medium		Yes	Yes		UOFSBB
<i>Prunus x nigrellia</i> ‘Muckle’ Muckle plum	5 (16)	3 (10)	2	Oval wide	Yellow	Insects		Both	Medium		Yes	Yes		MRS
<i>Pseudotsuga</i> – DOUGLAS FIR														
<i>Pseudotsuga menziesii glauca</i> Rocky Mountain Douglas Fir	15 (50)	6 (20)	3	Pyramidal	Green	Wind	Southwest Alberta	Both	Medium			Yes		Seedling
<i>Pyrus</i> – PEAR														
<i>Pyrus ussuriensis</i> ‘Bailfrost’ Mountain Frost pear	10 (33)	6 (20)	3	Oval	Yellow	Insects		Both	Medium		Yes	Yes		BN
<i>Pyrus x</i> ‘Dur303’ Navigator pear	10 (33)	6 (20)	2	Oval	Yellow to orange	Insects		Both	Medium			Yes		RDPS
<i>Quercus</i> – OAK														
<i>Quercus ellipsoidalis</i> ‘Durmarg’ Shooting Star northern pin oak	15 (50)	10 (33)	3	Rounded open	Red to purple	Wind	NW Ontario	Both	High			Yes		RDPS
<i>Quercus ellipsoidalis</i> ‘Bailskies’ Majestic Skies northern pin oak	15 (50)	10 (33)	3	Rounded open	Red	Wind	NW Ontario	Both	High			Yes		BN
<i>Quercus macrocarpa</i> Bur oak	20 (65)	10 (33)	2	Rounded open	Yellow	Wind	Native	Both	High	Yes		Yes		Seedling
<i>Quercus macrocarpa</i> ‘Bydur’ Top Gun bur oak	15 (50)	5 (16)	2	Oval narrow	Yellow	Wind	Native	Both	High	Yes		Yes		RDPS
<i>Quercus macrocarpa</i> ‘Byargo’ Fargo Express bur oak	20 (65)	10 (33)	2	Rounded open	Yellow	Wind	Native	Both	High	Yes		Yes		RDBY

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										Boulevard	Small Space	Large Space	Collector Tree	
<i>Quercus macrocarpa</i> ‘Advsen’ Sentry bur oak	18 (60)	4 (13)	2	Oval narrow	Yellow	Wind	Native	Both	High		Yes	Yes		GM
<i>Quercus x jackiana</i> ‘Jefmir’ Admiration hybrid oak	12 (38)	9 (30)	2	Pyramidal	Yellow- green	Wind		Both	High	Yes		Yes		PR
<i>Quercus x warei</i> ‘Nadler’ Kindred Spirit hybrid oak	9 (30)	2 (7)	4	Columnar	Yellow- green	Wind		Both	High		Yes		Yes	EC
<i>Quercus x warei</i> ‘Long’ Regal Prince hybrid oak	12 (38)	5 (16)	4	Columnar	Yellow- brown	Wind		Both	High		Yes		Yes	EC
Salix – WILLOW														
<i>Salix acutifolia</i> Acute Leaf willow	18 (60)	10 (33)	3	Rounded	Yellow	Insects		Male	Medium			Yes		Europe
<i>Salix alba</i> ‘Advance’ Advance Golden willow	16 (52)	9 (30)	3	Rounded	Yellow	Insects		Male	Medium			Yes		GM
<i>Salix alba</i> ‘Sericea’ Silverleaf willow	16 (52)	9 (30)	3	Rounded	Silver	Insects		Female	Medium			Yes		Europe
<i>Salix alba</i> ‘Vitellina’ Golden willow	18 (60)	12 (38)	3	Rounded	Yellow	Insects		Female	Medium			Yes		Europe
<i>Salix babylonica</i> ‘Lace’ Lace weeping willow	10 (33)	8 (26)	3	Rounded weeping	Yellow	Insects		N/A	Medium			Yes		Mongolia
<i>Salix babylonica</i> ‘Northern Fountain’ Northern Fountain willow	12 (38)	12 (38)	3	Rounded weeping	Yellow	Insects		Female	Medium			Yes		LA
<i>Salix pentandra</i> Laurel Leaf willow	18 (60)	10 (33)	2	Rounded	Green- yellow	Insects		Female	Medium			Yes		Europe
<i>Salix x meyeriana</i> ‘Silver Lake’ Prairie Reflection laurel willow	18 (60)	10 (33)	2	Rounded	Green- yellow	Insects		Female	Medium			Yes		DHNSU
<i>Salix x</i> ‘Prairie Cascade’ Prairie Cascade willow	12 (38)	9 (30)	3	Rounded weeping	Yellow	Insects		Female	Medium			Yes		WRMRS
Sorbus – MOUNTAIN ASH														
<i>Sorbus americana</i> American mountain ash	9 (30)	6 (20)	2	Rounded	Orange- red	Insects	Eastern Canada	Both	Medium			Yes		Seedling
<i>Sorbus aucuparia</i> European mountain ash	9 (30)	6 (20)	3	Rounded	Orange- red	Insects		Both	Medium			Yes		Seedling
<i>Sorbus aucuparia</i> ‘Black Hawk’ Black Hawk mountain ash	9 (30)	6 (20)	3	Oval wide	Orange- red	Insects		Both	Medium			Yes		Nursery selection
<i>Sorbus aucuparia</i> ‘Advlux’ Luxor mountain ash	6 (20)	3 (10)	3	Oval narrow	Orange- red	Insects		Both	Medium		Yes	Yes		FE
<i>Sorbus aucuparia</i> ‘Michred’ Cardinal Royal mountain ash	9 (30)	36 (20)	4	Oval narrow	Orange- red	Insects		Both	Medium			Yes	Yes	Europe

Scientific name in italics Common name (Cultivar name is in bold letters)	Height metre (feet)	Width metre (feet)	Zone	Tree Form	Fall Colour	Majority of Pollination	Native to the Prairies	Male\ Female Flowers	Drought Tolerance	Planting Location				Breeder/ Developer See page 20
										Boulevard	Small Space	Large Space	Collector Tree	
<i>Sorbus aucuparia</i> ‘Pyramidal’ Pyramidal mountain ash	9 (30)	3 (10)	2	Oval narrow	Orange- red	Insects		Both	Medium		Yes	Yes		Europe
<i>Sorbus aucuparia</i> ‘Rossica’ Russian mountain ash	9 (30)	5 (16)	2	Oval widel	Orange- red	Insects		Both	Medium			Yes		Nursery selection
<i>Sorbus aucuparia</i> ‘Skybound’ Skybound mountain ash	9 (30)	3 (10)	3	Oval narrow	Orange- red	Insects		Both	Medium		Yes	Yes		CAVK
<i>Sorbus decora</i> Showy mountain ash	9 (30)	6 (20)	2	Rounded	Red	Insects	Native	Both	Medium			Yes		Seedling
<i>Sorbus decora</i> ‘Advline’ Showtime Showy mountain ash	9 (30)	6 (20)	2	Oval wide	Red	Insects	Native	Both	Medium			Yes		FE
Syringa – TREE LILAC														
<i>Syringa pekinensis</i> ‘SunDak’ Copper Curls tree lilac	6 (20)	6 (20)	4	Rounded spreading	Green- yellow	Insects		Both	High				Yes	DHND SU
<i>Syringa reticulata</i> Japanese tree lilac	6 (20)	6 (20)	2	Rounded spreading	Green- yellow	Insects		Both	High	Yes		Yes		Seedling
<i>Syringa reticulata</i> ‘Bailnce’ Snowdance Japanese tree lilac	6 (20)	6 (20)	2	Rounded spreading	Green- yellow	Insects		Both	High	Yes		Yes		BN
<i>Syringa reticulata</i> ‘Duriske’ Shogun Japanese tree lilac	5 (16)	4 (13)	2	Oval wide	Purple	Insects		Both	High		Yes	Yes		RDPS
<i>Syringa reticulata</i> ‘Golden Eclipse’ Golden Eclipse Japanese tree lilac	6 (20)	4 (13)	3	Oval narrow	Green- yellow	Insects		Both	High		Yes	Yes		JCB
<i>Syringa reticulata</i> ‘Ivory Silk’ Ivory Silk Japanese tree lilac	7 (23)	6 (20)	3	Oval wide	Green- yellow	Insects		Both	High	Yes		Yes		SN
<i>Syringa reticulata</i> ‘Sigzam’ Signature Japanese tree lilac	7 (23)	5 (16)	3	Rounded compact	Green- yellow	Insects		Both	High	Yes		Yes		LC
<i>Syringa reticulata</i> ‘Summer Storm’ Summer Storm Japanese tree lilac	7 (23)	5 (16)	3	Upright spreading	Green- yellow	Insects		Both	High	Yes		Yes		RKBN
<i>Syringa reticulata</i> ‘Willamette’ Ivory Pillar Japanese tree lilac	7 (23)	5 (16)	3	Oval wide	Green- yellow	Insects		Both	High	Yes		Yes		CP
Thuja – CEDAR														
<i>Thuja occidentalis</i> ‘Brandon’ Brandon Pyramidal cedar	7 (23)	1.25 (4)	2	Columnar dense	Green	Wind		Both	Medium		Yes	Yes		DP
<i>Thuja occidentalis</i> ‘Skybound’ Skybound cedar	7 (23)	1.25 (4)	2	Columnar dense	Green	Wind		Both	Medium		Yes	Yes		RB
Tilia – LINDEN														
<i>Tilia americana</i> American linden (basswood)	15 (50)	9 (30)	2	Oval wide	Yellow	Insects	Native	Both	Medium	Yes		Yes		Seedling

<i>Scientific name in italics</i> Common name (Cultivar name is in bold letters)	<i>Height</i> metre <i>(feet)</i>	<i>Width</i> metre <i>(feet)</i>	<i>Zone</i>	<i>Tree Form</i>	<i>Fall</i> <i>Colour</i>	<i>Majority of</i> <i>Pollination</i>	<i>Native to</i> <i>the Prairies</i>	<i>Male\</i> <i>Female</i> <i>Flowers</i>	<i>Drought</i> <i>Tolerance</i>	<i>Planting Location</i>				<i>Breeder/</i> <i>Developer</i> <i>See page 20</i>
										<i>Boulevard</i>	<i>Small</i> <i>Space</i>	<i>Large</i> <i>Space</i>	<i>Collector</i> <i>Tree</i>	
<i>Tilia americana</i> ‘Duros’ True North linden	15 (50)	7 (23)	2	Oval wide	Yellow	Insects	Native	Both	Medium	Yes		Yes		RDPS
<i>Tilia americana</i> 'Bailyard' Frontyard linden	15 (50)	9 (30)	3	Oval wide	Yellow	Insects	Native	Both	Medium	Yes		Yes		BN
<i>Tilia americana</i> 'Lakestreet' American Streetscaper linden	15 (50)	9 (30)	2	Oval wide	Yellow	Insects	Native	Both	Medium	Yes		Yes		LTF
<i>Tilia americana</i> 'McKSentry' American Sentry linden	15 (50)	9 (30)	3	Oval wide	Yellow	Insects	Native	Both	Medium	Yes		Yes		MCKN
<i>Tilia americana</i> 'Redmond' Redmond linden	15 (50)	9 (30)	3	Pyramidal	Yellow	Insects	Native	Both	Medium	Yes		Yes		PFN
<i>Tilia cordata</i> Littleleaf linden	12 (38)	9 (30)	3	Pyramidal	Yellow	Insects		Both	Medium	Yes		Yes		Seedling
<i>Tilia cordata</i> ‘BySkinner’ Lone Star linden	12 (38)	9 (30)	2	Pyramidal	Yellow	Insects		Both	Medium	Yes		Yes		HS
<i>Tilia cordata</i> ‘Golden Cascade’ Golden Cascade linden	12 (38)	8 (26)	3	Weeping	Yellow	Insects		Both	Medium			Yes		WRRD
<i>Tilia cordata</i> 'Chancole' Chancellor littleleaf linden	12 (38)	9 (30)	3	Oval wide	Yellow	Insects		Both	Medium	Yes		Yes		Nursery selection
<i>Tilia cordata</i> 'Corzam' Corinthian littleleaf linden	12 (38)	9 (30)	3	Oval wide	Yellow	Insects		Both	Medium	Yes		Yes		LCN
<i>Tilia cordata</i> 'Greenspire' Greenspire littleleaf linden	12 (38)	9 (30)	3	Oval wide	Yellow	Insects		Both	Medium	Yes		Yes		PN
<i>Tilia cordata</i> ‘Ronald’ Norlin linden	12 (38)	9 (30)	3	Oval wide	Yellow	Insects		Both	Medium	Yes		Yes		WR
<i>Tilia flavescens</i> ‘Dropmore’ Dropmore linden	12 (38)	9 (30)	2	Oval wide	Yellow	Insects		Both	Medium	Yes		Yes		FS
<i>Tilia flavescens</i> 'Glenleven' Glenleven linden	12 (38)	9 (30)	3	Pyramidal	Yellow	Insects		Both	Medium	Yes		Yes		SN
<i>Tilia flavescens</i> ‘Jordsun’ Curb Appeal linden	15 (50)	9 (30)	2	Oval wide	Yellow	Insects		Both	Medium	Yes		Yes		SUNJA
<i>Tilia flavescens</i> 'Jefhouse' Lighthouse linden	12 (38)	7 (23)	3	Oval narrow	Yellow	Insects		Both	Medium	Yes		Yes		WRJN
<i>Tilia mongolica</i> ‘DurJake’ Windancer Mongolian linden	12 (38)	8 (26)	3	Weeping	Yellow	Insects		Both	Medium			Yes	Yes	RDPS
<i>Tilia mongolica</i> ‘Harvest Gold’ Harvest Gold Mongolian linden	12 (38)	9 (30)	3	Oval wide	Golden yellow	Insects		Both	Medium	Yes		Yes		RDWR

Scientific name in italics Common name (Cultivar name is in bold letters)	Height metre (feet)	Width metre (feet)	Zone	Tree Form	Fall Colour	Majority of Pollination	Native to the Prairies	Male\ Female Flowers	Drought Tolerance	Planting Location				Breeder/ Developer See page 20
										Boulevard	Small Space	Large Space	Collector Tree	
Ulmus – ELM														
Ulmus americana American elm	20 (65)	12 (38)	2	Upright fan	Yellow	Wind	Native	Both	High	Yes				Seedling
Ulmus americana ‘Brandon’ Brandon American elm	20 (65)	10 (33)	2	Upright fan	Yellow	Wind	Native	Both	High	Yes		Yes		DP
Ulmus americana 'Lewis & Clark' Prairie Expedition American elm	20 (65)	12 (38)	3	Upright fan	Yellow	Wind	Native	Both	High	Yes		Yes		DHNSU
Ulmus americana ‘Patmore’ Patmore American elm	20 (65)	12 (38)	2	Upright fan	Yellow	Wind	Native	Both	High	Yes		Yes		DP
Ulmus americana x ‘By1709’ Endeavor hybrid elm	15 (50)	10 (33)	3	Upright fan	Yellow	Wind		Both	High	Yes		Yes		RDBY
Ulmus davidiana var. Japonica ‘Discovery’ Discovery elm	12 (38)	9 (30)	3	Rounded	Yellow	Wind		Both	High	Yes		Yes		RDPS
Ulmus davidiana var. Japonica ‘Freedom’ Freedom elm	12 (38)	9 (30)	3	Rounded flat top	Reddish yellow	Wind		Both	High	Yes		Yes		WRJN
Ulmus davidiana var. Japonica ‘Northern Empress’ Northern Empress elm	9 (30)	9 (30)	3	Upright fan	Burgundy red	Wind		Both	High	Yes		Yes		DHNSU
Ulmus davidiana x pumila ‘Durby’ Night Rider Japanese hybrid elm	12 (38)	9 (30)	3	Upright fan	Red to purple	Wind		Both	High	Yes		Yes		RDPS
Ulmus x 'Morton Glossy' Triumph hybrid elm	15 (50)	9 (30)	3	Upright fan	Yellow	Wind		Both	High	Yes		Yes		MA



Legend of Columns:

<i>Scientific name in italics</i> Common name (Cultivar name is in bold letters)	<i>Height metre (feet)</i>	<i>Width metre (feet)</i>	<i>Zone</i>	<i>Tree Form</i>	<i>Fall Colour</i>	<i>Majority of Pollination</i>	<i>Native to the Prairies</i>	<i>Male\ Female Flowers</i>	<i>Drought Tolerance</i>	<i>Planting Location</i>				<i>Breeder/ Developer See page 19</i>
										<i>Boulevard</i>	<i>Small Space</i>	<i>Large Space</i>	<i>Collector Tree</i>	
#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	#11				#12

#1 – The scientific name that includes the cultivar name. However, not all cultivar names in this chart mean that they are clones. For example: *Picea pungens* ‘Crystal Blue’ spruce is not a clone but a seed source and therefore is marked as a seedling in the last column. Crystal Blue is not bolded because it is a seed source and not a clone. The common names that are bolded, such as **Fat Albert**, is because it is a clone and therefore a cultivar (cultivated variety).

#2 – The first number is the mature height in metres and the second number below in (brackets) is in feet. Heights vary throughout the prairie region so these numbers are only a guideline.

#3 – The first number is the mature width in metres and the second number below in (brackets) is in feet. Widths vary throughout the prairie region so these numbers are only a guideline.

#4 – The designated plant hardiness zone according to the 2000 version of the Canadian Plant Hardiness Zone map. The later versions of the Plant Hardiness Zones have designated many areas in the southern Canadian prairies in zone 4 but the trial data from the Western Nursery Growers Group tree trials do not support that increase in zone designation.

#5 – The mature tree form.

#6 – The colour of the leaves in the fall. Some retain the same colour throughout the growing season and so the fall colour change may be subtle.

#7 – The most common way the tree flowers are pollinated. Sometimes the flowers can be pollinated by both wind and insects, such as apples, but wind pollination in this case is not that significant so I did not include it.

#8 – Shows which trees are native to the Canadian Prairie Provinces. I have noted that some trees are native to Northwestern Ontario since they occur in zone 3 and are only a couple hours drive from Winnipeg. I have also noted a tree like Ponderosa pine is native to SW Alberta since it has such a small distribution in the Prairies.

#9 – Four flower categories: male; female; both male *and* female; and female *or* male. The last group refers to trees such as maple and aspen that sometimes change the sex of their flowers for one season. For example, a red maple cultivar may be consistently producing male flowers, but for one year out of ten it will produce female flowers. It will then revert back for another ten years producing male flowers. It is more complicated than that if you break it down to monoecious and dioecious; a sub-group of monecious plants have perfect flowers that contain both male and female parts.

#10 – Drought tolerance, with high being the most tolerant to drought.

#11 – Trees can be planted in a number of planting sites, and this column indicates which sites are best for each different tree.

#12 – Credits to the main breeder(s) or developer(s) of each tree. The commercial names of the trees that are in bold type are clonal cultivars (propagated by softwood, hardwood, grafting, or tissue culture). The regular type “nursery selection” means I could not find who the breeder was. The regular type “seedling” listed in the last column means that the tree is propagated by seed and not by clonal means such as grafting, softwood cuttings, hardwood cuttings, etc.

Match your Location and Determine your Hardiness Zone:

The zones are based on the 2000 version of the Plant Hardiness Zones map by Resources Canada. Some updates of zones have been made based on hardiness results collected in the Western Nursery Growers Group (WNGG) tree trials and the comments made by tree growers and the general public.

Determine which plant hardiness zone you are residing in by referring to the chart below. Find the community you live in or live close to and the plant hardiness zone number will be beside the community’s name.

<i>Alberta</i>	<i>Zone</i>	<i>Alberta</i>	<i>Zone</i>	<i>Saskatchewan</i>	<i>Zone</i>	<i>Saskatchewan</i>	<i>Zone</i>
Airdrie	3	Langdon	3	Assiniboia	3	Meadow Lake	2
Banff	2	Lethbridge	4	Balgonie	3	Melfort	2
Beaumont	3	Lloydminster	3	Battleford	2b	Melville	3
Blackfalds	3	Medicine Hat	3b	Biggar	2	Moose Jaw	3
Bonnyville	2	Morinville	2b	Birch Hills	2	Moosomin	2
Brooks	3b	Okotoks	3	Canora	2	North Battleford	2
Calgary	3	Olds	2b	Carlyle	2	Osler	2
Camrose	3	Peace River	2b	Caronport	3	Outlook	2
Canmore	2	Pincher Creek	3	Creighton	1	Pelican Narrows	1b
Carstairs	3	Penhold	3	Dalmeny	2	Pilot Butte	2b
Cardston	4	Ponoka	3	Delisle	2b	Prince Albert	2
Chestermere	3	Raymond	4	Esterhazy	3	Regina	3
Clareshome	4	Redcliff	3b	Estevan	3	Regina Beach	2b
Coaldale	4	Red Deer	3b	Foam Lake	2	Rosetown	3
Cochrane	2	Rocky Mtn. House	3	Fort Qu’Appelle	3	Rosthern	2
Cold Lake	2b	Slave Lake	2b	Gravelbourg	3	Saskatoon	2b
Crossfield	3	Spruce Grove	3	Hudson Bay	2	Shaunavon	3
Devon	3	St. Albert	3b	Humboldt	2	Shellbrook	2
Didsbury	2	St. Paul	2	Indian Head	3	Swift Current	3
Drayton Valley	2	Stettler	3	Kamsack	2	Tisdale	2
Drumheller	3	Stony Plain	3	Kindersley	3	Unity	2
Edmonton	3b	Strathmore	3	Lanigan	2	Wadena	2b
Edson	3	Sylvan Lake	3	La Loche	2	Warman	2
Fort Macleod	4	Taber	3b	La Ronge	2	Watrous	3
Fort Saskatchewan	3	Vegreville	3	Lloydminster	3	Weyburn	3
Grand Prairie	3	Vermilion	2b	Lumsden	3	White City	3
High River	3	Wainwright	2b	Macklin	2	Wilkie	2
Hinton	2b	Wetaskiwin	3	Maple Creek	3	Wynward	2
Jasper	2b	Whitecourt	2b	Martensville	2	Yorkton	3











<i>Manitoba</i>	<i>Zone</i>		<i>Manitoba</i>	<i>Zone</i>
Altona	3		Powerview-Pine Falls	2b
Arborg	3		Rivers	2
Beausejour	3		Roblin	2
Birtle	2b		Russell	3
Boissevain	3		Selkirk	3
Brandon	2b		Souris	3
Carberry	3		Steinbach	3
Carman	3		Ste. Anne	3
Churchill	0		Ste. Rose du Lac	3
Dauphin	3		Stonewall	3
Deloraine	3		Swan River	2
East Selkirk	3		Teulon	2
Emerson	3		The Pas	2
Ethelbert	2b		Thompson	1
Flin Flon	1b		Treherne	3
Gladstone	3		Virden	2
Grandview	3		Winkler	3b
Grand Rapids	2b		Winnipeg	3b
Gretna	3b		Winnipeg Beach	2b
Hamiota	3			
Lac du Bonnet	3			
Leaf Rapids	1		<i>Northwestern Ontario</i>	<i>Zone</i>
Lynn Lake	1			
MacGregor	3		Atikokan	3
Melita	3		Dryden	2b
Minnedosa	2b		Fort Francis	3
Morden	3b		Kenora	3
Morris	3		Nipigon	3
Neepawa	3		Thunder Bay	3
Pilot Mound	3			
Portage la Prairie	3			



Tree Credits: A listing of breeder/developer & location where the breeding and development work was done. Note (#) means total number of trees developed by breeder/developer in this list.

<p>BCMRS: Dr. Bill Cumming, Morden Research Station, Morden, Manitoba (1)</p> <p>BN: Bailey Nurseries, St. Paul, Minnesota (8)</p> <p>BP: Dr. Bert Porter, Honeywood Nursery, Parkside, Saskatchewan (1)</p> <p>BRC: Brooks Research Centre, Brooks, Alberta (1)</p> <p>BRUofM: Dr. Bill Remphrey, University of Manitoba, Winnipeg, Manitoba (1)</p> <p>BSN: Bron and Sons Nurseries, Grand Forks, B.C. (1)</p> <p>CAVK: Cannon AVK Nurseries, Cambridge, Ontario (1)</p> <p>CCPD: City of Calgary, Parks Department, Calgary, Alberta (1)</p> <p>CDMRS: Dr. Campbell Davidson, Morden Research Station, Morden, Manitoba (1)</p> <p>CN: Cannor Nurseries, Chilliwack, BC (1)</p> <p>CNF: Cochet Nursery, France (1)</p> <p>CP: Carlton Plants (now Bailey Nurseries), Dayton, Oregon (1)</p> <p>DB: Dwayne Beck, Parkland Nursery, Red Deer, Alberta (1)</p> <p>DH: Dennis Heins, Heins Nursery, Woodbury, Minnesota (1)</p> <p>DHND SU: Dr. Dale Herman, North Dakota State University, Fargo, ND (11)</p> <p>DK: Dave Klassen, Shannon Oaks Tree Farm, Morden, Manitoba (1)</p> <p>DKU: David Kuperus, Coaldale Nurseries, Coaldale, Alberta (2)</p> <p>DLSRC: Dr. David Lane, Summerland Research Centre, Summerland, B.C. (1)</p> <p>DP: Dick Patmore, Patmore Nursery, Brandon, Manitoba (4)</p> <p>EC: Earl Cully, Jacksonville, Illinois (1)</p> <p>EGN: Evergreen Nursery, Sturgeon Bay, Wisconsin (1)</p> <p>FCWN: Fort Collins Wholesale Nursery, Fort Collins, Colorado (1)</p> <p>FE: Fred Elsaesser, Advance Nursery, Grand Forks, B.C. (2)</p> <p>FS: Dr. Frank Skinner, Skinners Nursery, Roblin (Dropmore), Manitoba (2)</p> <p>GM: Garfield Marshall, Advance Nursery, Grand Forks, B.C. (5)</p> <p>GMND: Greg Morganson, Bismarck, North Dakota (1)</p> <p>GJ: Glenn Jeffers, Jeffers Nursery, Grand Rapids, Ohio (1)</p> <p>HH: Henry Heuver, Foothills Nursery, Calgary, Alberta (1)</p> <p>HNG: Hoops Nursery, Germany (1)</p> <p>HPUofMN: Dr. Harold Pellett, University of Minnesota, Chaska, MN (1)</p> <p>HS: Hugh Skinner, Skinners Nursery, Roblin, Manitoba (1)</p> <p>ISN: Iseli Nursery, Boring, Oregon (1)</p> <p>IPAC: Isabelle Preston, Agriculture Canada, Ottawa, Ontario (1)</p> <p>JC: Joe Cesarini, Ridgely, Maryland</p> <p>JCB: JC Bakker and Sons Nursery, St. Catharines, Ontario (1)</p> <p>JV: John Vriend, Arrowhead Nursery, Edmonton, Alberta (1)</p> <p>JW: John Wallace, Beaverlodge Nursery, Beaverlodge, Alberta (1)</p> <p>KMCV: Kevin Merrifield, Clifty View Nursery, Bonners Ferry, Idaho (1)</p>	<p>KW: Ken Wright, Wright Nursery, Caroline, Alberta (1)</p> <p>KWJFS: Keith Warren, J. Frank Schmidt & Son Nursery, Boring, Oregon (1)</p> <p>LA: Lawrence Aubin, Aubin Nurseries, Carman, Manitoba (1)</p> <p>LK: Les Kerr, Sutherland, Saskatchewan (4)</p> <p>LKMRS: Les Kerr, Morden Research Station, Morden, Manitoba (1)</p> <p>LKSFNS: Les Kerr, Sutherland Forest Nursery Station, Sutherland, Saskatchewan (3)</p> <p>LTF: Lakeshore Tree Farm, Saskatoon, Saskatchewan (1)</p> <p>MA: Morton Arboretum, Chicago, Illinois (1)</p> <p>MCKN: McKay Nursery, Oshkosh, Wisconsin (1)</p> <p>MRS: Morden Research Station, Morden, Manitoba (5)</p> <p>OWN: Oscar Will Nursery, Bismarck, North Dakota (1)</p> <p>PFN: Plum Field Nurseries, Fremont, Nebraska (1)</p> <p>PFRA: Agriculture and Agri-Food Canada, Indian Head, Saskatchewan (6)</p> <p>PN: Princeton Nurseries, Kingston, New Jersey (1)</p> <p>PR: Dr. Philip Ronald, Riverbend Orchards, Portage la Prairie, Manitoba (3)</p> <p>PW: Percy Wright, Moose Range Nursery, Moose Range, Saskatchewan (1)</p> <p>RB: Ron Boughen, Boughen Nursery, Valley River, Manitoba (1)</p> <p>RDBY: Rick Durand, Bylands Nurseries, West Kelowna, BC (10)</p> <p>RDGM: Rick Durand and Garfield Marshall, Portage la Prairie, MB and Grand Forks, BC (1)</p> <p>RDJM: Rick Durand & Joe Moniz, Portage la Prairie, Manitoba and St. Albert, Alberta (1)</p> <p>RDPS: Rick Durand, Prairie Shade Nursery, Portage la Prairie, Manitoba (18)</p> <p>RDWR: Rick Durand & Dr. Wilbert Ronald, Jeffries Nurseries, Portage la Prairie, MB (6)</p> <p>REFAC: Rosthern Experimental Farm Agriculture Canada, Rosthern, Saskatchewan (1)</p> <p>RKBN: Rock Kelly, Bachman’s Nursery, Farmington, Minnesota (1)</p> <p>SDSU: South Dakota State University, Brookings, South Dakota (2)</p> <p>SN: Sheridan Nurseries, Georgetown, Ontario (2)</p> <p>SUNHV: Harold Voogd, Sunstar Nurseries, Edmonton, Alberta (1)</p> <p>SUNJA: Jordan and Andrew Voogd, Sunstar Nurseries, Edmonton, Alberta (3)</p> <p>TP: Theon Phey, Edmonton, Alberta (1)</p> <p>TWND SU: Dr. Dale Herman, North Dakota State University, Fargo, North Dakota (1)</p> <p>UMICH: University of Michigan, Ann Arbor, Michigan (1)</p> <p>UMNA: University of Minnesota Arboretum, Chaska, MN (4)</p> <p>UOFSBB: Dr. Bob Bors, University of Saskatchewan, Saskatoon, Saskatchewan (1)</p> <p>WC: Warren Carnefix, Fruitland Nursery, Fruitland, Idaho (1)</p> <p>WRJN: Dr. Wilbert Ronald, Jeffries Nurseries, Portage la Prairie, Manitoba (8)</p> <p>WRCD: Dr. Wilbert Ronald & Dr. Campbell Davidson, Morden Research Station, Morden, MB (2)</p> <p>WRMRS: Dr. Wilbert Ronald Morden Research Station, Morden, Manitoba (5)</p> <p>WRRD: Dr. Wilbert Ronald and Rick Durand, Jeffries Nurseries, Portage la Prairie, Manitoba (4)</p>
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Tree Crown Shapes

				
Columnar	Conical	Oval Narrow	Oval Wide	Pyramidal
				
Rounded	Rounded Loose	Upright Spreading	Upright Fan	Weeping

