

New Trees for Manitoba

List of trees mentioned in Rick Durand's presentation at the MHA Annual meeting on March 25, 2023
(Developer of trees referenced with superscript numbers on page 3.)

Large-Sized Trees

Common Name	Scientific Name (Hardiness Zone)	Height (Width) In feet	Hardiness Zone	Salt Tolerant	Drought Tolerant	Planting Location				Notes
						Boulevard	Smaller Space	Park	Natural Area	
Hulk ¹³ Manitoba maple	<i>Acer negundo</i> 'Hulksun'	40 (33)	2	Medium	High	Yes	No	Yes	Yes	Very hardy, yellow fall colour, male (no seed)
Traiblazer ¹ Manitoba maple	<i>Acer negundo</i> 'ByPSN705'	40 (33)	3	Medium	High	Yes	No	Yes	Yes	Reddish tinge to leaves, fast grower, male (no seed)
Finnish Selection ¹ Norway maple	<i>Acer platanoides</i> 'ByFinnish selection'	40 (33)	2	Medium	Medium	Yes	No	Yes	No	Cold hardy, available in 2026
Silver Cloud ⁴ silver maple	<i>Acer saccharinum</i> 'Silver Cloud'	50 (33)	3	Medium	Medium	Yes	No	Yes	No	Best cultivar of silver maple and is male (no seed)
Inferno ¹⁰ sugar maple	<i>Acer saccharum</i> 'Jeferno'	40 (30)	3	Low	Low	No	No	Yes	No	Good fall colour, provide regular watering and protected site
Prairie Horizon ⁶ alder	<i>Alnus hirsuta</i> 'Harbin'	40 (20)	2	Medium	High	Yes	No	Yes	No	Very fast growing, drought tolerant, needs large space
Trojan ⁴ green ash	<i>Fraxinus pennsylvanica</i> 'Durcd'	40 (28)	2	Medium	Medium	Yes	No	Yes	Yes	Hardest of the green ash cultivars
Northern Acclaim ⁶ honeylocust	<i>Gleditsia triacanthos</i> 'Harve'	40 (33)	4	High	High	Yes	No	Yes	No	Very drought resistant, not totally prairie hardy
Cloud 9 ¹ cork tree	<i>Phellodendron amurense</i> 'ByPSN800'	35 (26)	3	High	High	Yes	No	Yes	No	Exotic looking, no fruit, uneven crown form
Amigo ³ trembling aspen	<i>Populus x</i> 'ByJoe'	49 (26)	2	Medium	Medium	No	No	Yes	Yes	Excellent full crown cultivar, high disease resistance
Gatekeeper ¹ aspen	<i>Populus x</i> 'ByMike'	40 (8)	2	Medium	Medium	No	No	Yes	No	Wide columnar form, moderate resistance to bronze leaf disease
Guardian ¹⁰ aspen	<i>Populus x</i> 'Jefguard'	40 (10)	2	Medium	Medium	No	No	Yes	No	Wide columnar form, moderate resistance to bronze leaf disease
Sundancer ⁷ hybrid poplar	<i>Populus x</i> 'ACWS151'	49 (13)	2	Medium	Medium	No	No	Yes	No	Very fast growing, upright crown form, high disease resistance
Shooting Star ⁴ northern pin oak	<i>Quercus ellipsoidalis</i> 'DurMarg'	40 (33)	3	Medium	Medium	No	No	Yes	No	Green foliage turns purple in fall, needs some wind protection
Admiration ⁹ oak	<i>Quercus x jackiana</i> 'Jefmir'	40 (30)	2	Medium	High	Yes	No	Yes	No	Attractive glossy leaves and bark
Bylands columnar ¹ oak	<i>Quercus x</i> 'By1902'	40 (8)	3	Medium	Medium	No	No	Yes	No	Columnar crown form, available in 2026
Fargo Express ¹ bur oak	<i>Quercus macrocarpa</i> 'By1801'	40 (13)	2	Medium	High	Yes	No	Yes	Yes	Fast growing, glossy leaves, good disease resistance
Top Gun ⁴ bur oak	<i>Quercus macrocarpa</i> 'ByDur'	40 (13)	2	Medium	High	Yes	No	Yes	Yes	Upright form of bur oak, reduced pruning required

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Curb Appeal ¹³ American linden	<i>Tilia americana</i> 'Jordsun'	40 (23)	2	Medium	Medium	Yes	No	Yes	No	Improved cold hardiness, good growth rate, retains strong leader
Lighthouse ¹⁰ linden	<i>Tilia x flavescens</i> 'Jefhouse'	40 (30)	3	Medium	Medium	Yes	No	Yes	No	Attractive upright growth, dense crown
Lone Star ¹¹ little leaf linden	<i>Tilia cordata</i> 'BySkinner'	40 (23)	2	Medium	Medium	Yes	No	Yes	No	Very symmetrical branching, hardiest of all the little leaf lindens
Endeavor ¹ elm	<i>Ulmus</i> x 'By1709'	65 (40)	3	Medium	High	Yes	No	Yes	Yes	High DED resistance, no seeds, American x Japanese hybrid
Night Rider ⁴ elm	<i>Ulmus</i> x 'ByRick'	40 (30)	3	Medium	High	Yes	No	Yes	No	High DED resistance, tiny seeds (only a few) Japanese (75%) x Siberian (25%)

Medium-Sized Trees

Common Name	Scientific Name	Height (Width) In feet	Hardiness Zone	Salt Tolerant	Drought Tolerant	Planting Location				Notes
						Boulevard	Smaller Space	Park	Natural Area	
Prairie Rouge ¹⁰ red maple	<i>Acer rubrum</i> 'Jefrouge'	33 (20)	3	Medium	Medium	No	No	Yes	No	Excellent fall colour, slow growth rate
Raging Bull ¹ Freeman maple	<i>Acer x freemanii</i> 'Byage'	33 (20)	3	Medium	Medium	No	No	Yes	No	Excellent fall colour, moderate growth rate, available 2026
Regal Celebration ² Freeman maple	<i>Acer x freemanii</i> 'Jefcel'	33 (30)	3	Medium	Medium	No	No	Yes	No	Excellent fall colour, slow growth rate
Prairie Torch ⁶ buckeye	<i>Aesculus</i> x 'Bergeson'	30 (26)	3	Medium	Medium	No	No	Yes	No	Excellent consistent fall red colour, exotic looking
Purple Treasure ⁵ birch	<i>Betula papyrifera</i> x 'ByDaveK'	30 (20)	2	Low	Low	No	Yes	No	No	Improved cold hardiness and slower growth rate
Bylands Columnar ¹ aspen	<i>Populus tremuloides</i> 'Bylands Columnar'	33 (6)	2	Medium	Medium	No	Yes	Yes	No	Excellent replacement for Swedish, available in 2026

Small-Sized Trees

Common Name	Scientific Name	Height (Width)	Hardiness Zone	Salt Tolerant	Drought Tolerant	Planting Location				Notes
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Hot Wings ⁸ Tatarian maple	<i>Acer tataricum</i> 'Gar Ann'	23 (20)	3	Medium	Medium	No	Yes	Yes	No	Hardest of Tatarian types, attractive seeds in summer
Ambassador ⁴ crabapple	<i>Malus</i> 'DurBy'	26 (16)	2	Low	Medium	No	Yes	Yes	No	Denser crown than Gladiator
Courageous ⁴ crabapple	<i>Malus</i> 'DurLawrence'	26 (16)	2	Low	Medium	Yes	Yes	Yes	No	Seedless, tiny seedless fruit (only a few), abundance of fragrant flowers
Dark Knight ¹ ornamental crabapple	<i>Malus</i> 'ByFrank'	26 (16)	2	Medium	Medium	No	Yes	Yes	No	Attractive dark purple leaves, very small fruit

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Gladiator ⁴ ornamental crabapple	<i>Malus</i> 'Durpleo'	26 (16)	2	Medium	Medium	No	Yes	Yes	No	Improved resistance to leaf scab
Green Wall ¹⁰ Columnar crabapple	<i>Malus</i> 'Jefwall'	20 (6)	2	High	High	No	Yes	Yes	No	Excellent choice for live screen in yard with green colour
Midnite Spire ¹⁰ Columnar crabapple	<i>Malus</i> 'Jefguard'	20 (6)	2	High	High	No	Yes	Yes	No	Excellent choice for screen in yard with purple colour
Purple Spire ¹² columnar crabapple	<i>Malus</i> 'Jefspire' (Zone 2)	20 (6)	2	Medium	Medium	No	Yes	Yes	No	Excellent choice for live screen in yard with dark purple fall colour
Starlite ² ornamental crabapple	<i>Malus</i> 'Jeflite' (Zone 2)	26 (16)	2	Medium	Medium	No	Yes	Yes	No	Best choice for birds since fruit small and persistent in winter
Starlite selection ¹ Columnar crabapple	<i>Malus</i> 'Starlite Selection' (Zone 2)	20 (6)	2	Medium	Medium	No	Yes	Yes	No	Columnar form with much smaller fruit size
Velocity ¹³ crabapple	<i>Malus</i> 'Sunvel' (Zone 2)	26 (20)	2	Low	Medium	Yes	Yes	Yes	No	Improved disease resistance compared to Spring Snow crabapple, small seedless fruit
Klondike ¹⁰ Amur cherry	<i>Prunus maachii</i> 'Jefdike' (Zone 2)	26 (16)	2	Medium	Medium	No	Yes	Yes	No	Fast growing and golden bark
Ming ¹⁴ cherry	<i>Prunus maackii</i> 'Ming' (Zone 2)	26 (16)	2	Low	Medium	Yes	Yes	Yes	No	Best in group, no trunk cracking, tight upright crown

Trees developed by the following:

- ¹ Rick Durand, Bylands Nurseries
- ² Rick Durand, Jeffries Nurseries
- ³ Rick Durand and Joe Moniz
- ⁴ Rick Durand, Prairie Shade Nursery
- ⁵ Dave Klassen, Shannon Oaks Tree Farm
- ⁶ North Dakota State University
- ⁷ PFRA Shelterbelt Centre
- ⁸ Plant Select Colorado
- ⁹ Dr. Philip Ronald, Jeffries Nurseries
- ¹⁰ Dr. Wilbert Ronald, Jeffries Nurseries
- ¹¹ Hugh Skinner
- ¹² Summerland Research Station
- ¹³ Sunstar Nurseries
- ¹⁴ University of Saskatchewan Horticulture Program