

Boulevard trees for City of Kalispell

Quick Reference Guide

Large Trees 40 ft. and up

Requires 40 feet spacing between trees and 7 ft. + planting strip

Common Name	Botanical Name	Zone	Growth	Notes
Elm, Prairie Expedition	Ulmus Americana 'Lewis & Clark'	2		Originated from North Dakota, adapted to cold prairie conditions, Dutch Elm Disease resitant.
Hackberry, Northern	Celtis occidentalis	3	MF	Nipple gall makes leaves unattractive but is harmless to tree. Very tolerant of wind and cold. https://www.arboday.org/trees/treeguide/TreeDetail.cfm?ItemID=845
Linden, American	Tilia Americana	3		Pyramidal shape
Oak, Bur	Quercus macrocarpa	3	S	Ph adaptable, more tolerant of city conditions than most oaks. Nipple Gall can make tree unsightly in the winter but is harmless to tree. https://www.arboday.org/trees/treeguide/TreeDetail.cfm?ItemID=874

Medium Trees 25 ft. to 40 ft.

Require 30 feet spacing between trees and 5 to 7 ft. planting strip

Box Elder, Sensation	Acer negundo 'Sensation'	4	F	Male, improved branch structure from species
Honeylocust, Northern Acclaim	Gleditsia triacanthos var. inermis 'Harve'	3	F	Similar to 'Skyline' but more winter hardy https://www.arboday.org/trees/treeguide/TreeDetail.cfm?ItemID=852
Linden, Harvest Gold	Tilia mongolica 'Harvest Gold'	2		Yellow fall color, exfoliating red bark.

Small Trees 15 ft. to 25 ft.

Require 20 feet spacing between trees and 4 ft. + planting strip

Hawthorn, 'Toba'	Crataegus x mordenensis 'Toba'	3		
Maackia, Amur	Maackia amurensis	3		Blooms late summer, ornamental seed pods and bark offers winter interest.
Plum, Princess Kay	Prunus nigra 'Princess Kay'	2		Very cold hardy, fruitless.
Tree Lilac, 'Ivory Silk'	Syringa reticulata 'Ivory Silk'	4		

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Common Name	Botanical Name	Zone	Growth Rate	Notes
Catalpa, Northern	Catalpa speciosa	4	MF	8" to 12" long bean-like fruit capsules persist on tree through winter. https://www.arborday.org/trees/treeguide/TreeDetail.cfm?ItemID=805
Elm, Accolade	Ulmus 'Morton'	4		Resistance to Dutch Elm Disease and elm leaf beetle, urban and drought tolerant. Resembles American Elm.
Elm, Triumph	Ulmus 'Morton Glossy'	4		Cross between Vangaurd and Accolade Elm.
Elm, Vangaurd	Ulmus 'Plainsman'	3		Cross between Japanese and Siberian Elm, Dutch Elm Disease and elm leaf beetle resistant, drought tolerant.
Elm, Prairie Expedition	Ulmus Americana 'Lewis & Clark'	2		Originated from North Dakota, adapted to cold prairie conditions, Dutch Elm Disease resitant.
Elm, New Horizon	Ulmus Americana 'New Horizon'	4		very high resistance to Dutch elm disease, elm leaf miner, and verticillium wilt, However, it has proven susceptible to attack by elm leaf beetle.

Ginkgo (male)	Ginkgo biloba	3-4	M	Select male varieties https://www.arborday.org/trees/treeguide/TreeDetail.cfm?ItemID=1092
Hackberry, Northern	Celtis occidentalis	3		Nipple gall makes leaves unattractive but is harmless to tree. Very tolerant of wind and cold. https://www.arborday.org/trees/treeguide/TreeDetail.cfm?ItemID=845
Honeylocust, 'Skyline' or 'Shademaster'	Gleditsia triacanthos var. inermis 'Skyline' or 'Shademaster'	4		Good urban tree but has been overplanted.
Horschestnut, 'Baumannii'	Aesculus hippocastanum 'Baumannii'	3		Similar to Ohio Buckeye but larger, nuts are poisonous. Double white flower
Kentucky Coffeetree	Gymnocladus dioicus	3		Upright arching branches with bipinate leaves that cast filtered shade, no serious pest problems https://www.arborday.org/trees/treeguide/TreeDetail.cfm?ItemID=819
Linden, American	Tilia Americana	3		Pyramidal shape
Oak, Bur	Quercus macrocarpa	3		Ph adaptable, more tolerant of city conditions than most oaks. Nipple Gall can make tree unsightly in the winter but is harmless to tree. https://www.arborday.org/trees/treeguide/TreeDetail.cfm?ItemID=874
Oak, Swamp White	Quercus bicolor	4		Chlorosis can occur in alkaline soil.
Oak, Northern Pin	Quercus ellipsoidalis	3		Tolerant of alkaline soils.
Oak, Red Oak	Quercus rubra	4	F	One of the fastest growing oaks. Will develop chlorosis in high alkaline soils. https://www.arborday.org/trees/treeguide/TreeDetail.cfm?ItemID=877

Planetree, American 'Northern Advance'	Platanus occidentalis 'Bismarck'	3		Not drought tolerant. Also known as Sycamore
Siberian Larch	Larix siberica	2		Deciduous conifer
Turkish Filbert	Corylus colurna	5		No serious pest problems.
Medium Trees 25 ft. to 40 ft.				
Require 30 feet spacing between trees and 5 to 7 ft. planting strip				
Common Name	Botanical Name	Zone	Growth Rate	Notes
Alder, Black or Common	Alnus glutinosa	3		moist well drained soils. Full sun or partial sun.
Amur Corktree	Phellodendron amurense	4		Interesting corky bark, clusters of yellowish fruit turning to black and persisting through winter.
Birch, Dakota Pinnacle Asian White	Betula platyphylla 'Fargo'	3		Good resistance to Bronze Birch Borer, drought tolerant, adaptability to heavy clay soils and fairly high ph.
Birch, Paper 'Prairie Dream'	Betula papyrifera 'Varen'	2		Exceptional snow whit bark, resistant to bronze birch borer.
Birch, River 'Heritage'	Betula nigra 'Cully' Heritage	4		Resistant to Bronze Birch Borer and Japanese Beetle
Birch, White 'Parkland Pillar Asian'	Betula platyphylla 'Parkland Pillar'	3		Taller and narrower than 'Fargo'
Birch, White 'Prairie Vision Asian'	Betula platyphylla 'Verdale'	3		Resistant to Bronze Birch Borer
Box Elder, Sensation	Acer negundo 'Sensation'	4	F	Male, improved branch structure from species
Cherry, Emerald Charm	Prunus x 'Morgenson'	3		Good alternative to crabapples having superior foliage
Cherry, Sargent	Prunus sargentii	4	F	Very beautiful in flower, purple-black fruit
Elm, Discovery	Ulmus davidiana var. Japonica 'Discovery'	3	S	Resistant to Dutch Elm Disease, leaf aphid and elm leaf beetle.

Elm, Frontier	Ulmus x 'Frontier'	5	M	Tolerant of most conditions. Considerable resistance to Dutch Elm Disease
Elm, Prospector	Ulmus wilsoniana 'Prospector'	4	M	Same as above, could be used under power lines due to it's vase shape
Goldenrain Tree	Koelreuteria paniculata	5	MF	Tolerant of most conditions. No serious pest problems. https://www.arboday.org/trees/treeguide/TreeDetail.cfm?ItemID=84 <u>1</u>
Honeylocust, Northern Acclaim	Gleditsia triacanthos var. inermis 'Harve'	3	F	Similar to 'Skyline' but more winter hardy
Hornbeam, American	Carpinus caroliniana	3	S	No pest problems, no litter, slow growing, beautiful fall color
Hornbeam, European	Carpinus betulus	5	M	Generally free of problems
Horschestnut, 'Fort McNair'	Aesculus x carnea 'Fort McNair'	3	S	Hybrid between Red buckeye and Horsechestnut, dark pink flower
Horsechestnut, 'Brioti'	Aesculus x carnea 'Brioti'	4	S	Very little seedpods, pink flower.
Ironwood, 'Sun Beam'	Ostrya virginiana 'Camdale'	3	SM	No serious pest problems.
Katsuratree	Cercidiphyllum japonicum	5		Needs ample water
Linden, Harvest Gold	Tilia mongolica 'Harvest Gold'	2		Yellow fall color, exfoliating red bark.
Linden, Littleleaf	Tilia cordata	4		Pyramidal shape. https://www.arboday.org/trees/treeguide/TreeDetail.cfm?ItemID=85 <u>8</u>
Mountain Ash, Korean	Sorbus alnifolia	4		Ph adaptable, fireblight resistant, does not like polluted conditions.
Mountain Ash, Oak leaf	Sorbus x hybrid	4		Leaves look similar to oak.
Oak, Prairie Stature	Quercus x bimundorum 'Midwest'	3		Hybrid between Bur and English Oaks.
Ohio Buckeye	Aesculus glabra	3		Can get leaf scorch in summer, best in light shade. Nuts are poisonous.

Pear, Chanticleer	<i>Pyrus calleryana</i> 'Chanticleer'	4		Narrower than other pears, resistant to fireblight.
Pear, Mountain Frost	<i>Pyrus ussuriensis</i> 'Bailfrost'	3		Heavily flowering, beautiful fall tree.
Pear, Prairie Gem	<i>Pyrus ussuriensis</i> 'MorDak'	3		Excellent resistance to fireblight, will not fruit without other pear nearby.
Persian Parrotia	<i>Parrotia persica</i>	4b		Excellent stress tolerance withstanding drought, heat, wind, cold once established.

Small Trees 15 ft. to 25 ft.

Require 20 feet spacing between trees and 4 ft. + planting strip

Common Name	Botanical Name	Zone	Growth	Notes
Bird Cherry, 'Merlot'	<i>Prunus padus</i> 'Merlot'	3		Great alternative to Canada Red Chokecherry without the suckers
Cherry, 'Pink flair'	<i>Prunus sargentii</i> 'JFS-KW58'	3		
Chokecherry, Amur 'Goldspur'	<i>Prunus maackii</i> 'Jefspur'	2	M	Interesting bronze exfoliating cherry-like bark.
Crabapple, 'Adirondack'	<i>Malus</i> 'Adirondack'	4	F	Disease resistance is good
Crabapple, 'Coralburst'	<i>Malus</i> 'Coralburst'	3	M	Nearly sterile.
Crabapple, 'Gladiator'	<i>Malus</i> 'Gladiator'	2	M	Pink purplish flowers and less fruit.
Crabapple, Golden Raindrop	<i>Malus</i> 'Schmidcutleaf'	4	M	
Crabapple, 'Jewelcole'	<i>Malus</i> 'Jewelcole'	4	M	Disease resistance is good, berries hold on till spring
Crabapple, Marilee	<i>Malus</i> 'Jarmin'	4	M	Disease resistance is good, fruitless
Crabapple, 'Purple Spire'	<i>Malus</i> 'Purple Spire'	3	S	Columnar, great for tight spots

Crabapple, 'Red Barron'	Malus 'Red Barron'	4	M	
Crabapple, 'Sentinel'	Malus 'Sentinel'	4	M	
Dogwood, 'Snow Mantle Gray'	Cornus racemosa 'Jade'	3	SM	Best grown as multistem.
Hawthorn, 'Crimson Cloud'	Crataegus laevigata 'Crimson Cloud'	4	M	
Hawthorn, 'Paul's Scarlet'	Crataegus laevigata 'Paul's Scarlet'	4		Susceptible to leaf spot
Hawthorn, 'Lavalle'	Crataegus x lavallei	4		
Hawthorn, 'Snowbird'	Crataegus x mordensis 'Snowbird'	3		
Hawthorn, 'Toba'	Crataegus x mordenensis 'Toba'	3		
Linden, 'Summer Sprite'	Tilia cordata 'Halka'	4		
Maackia, Amur	Maackia amurensis	3		Blooms late summer, ornamental seed pods and bark offers winter interest.
Maple, Hot Wings	Acer tataricum	3		Showy red samaras in summer.
Maple, Rocky Mountain Glow	Acer grandidentatum 'Schmidt'	4		
Maple, Tatarian	Acer tataricum	3		Similar to Amur Maple, possibly more tolerant of high ph soils.
Moutain Ash, 'Red Cascade'	Sorbus Americana 'Swarfcrown'	3		
Pear, Jack	Pyrus calleryana 'Jaczam'	4		

Persian Parrotia, 'Vanessa'	Parrotia persica 'Vanessa'	5		
Plum, 'Big Cis'	Prunus x cistena 'Schmidtcs'	4		
Plum, 'Crimson Pointe'	Prunus cerasifera 'Cripoizam'	4		
Plum, 'Mt. St. Helens'	Prunus 'Grankthrees	4		
Plum, 'Newport	Prunus 'Newport'	3		
Plum, Princess Kay	Prunus nigra 'Princess Kay'	2		Very cold hardy, fruitless.
Redbud, Eastern	Cercis Canadensis	4	M	https://www.arboday.org/trees/treeguide/TreeDetail.cfm?ItemID=912
Serviceberry, 'Autumn Brilliance'	Amelanchier x grandiflora 'Autumn Brilliance'	4		
Serviceberry, 'Cole's'	Amelanchier x grandiflora 'Cole'	4		
Serviceberry, 'Princess Diana'	Amelanchier grandiflora 'Princess Diana'	3		
Serviceberry, 'Robin Hill'	Amelanchier grandiflora 'Robin Hill'	3		Edible berries
Serviceberry, 'Snowcloud'	Amelanchier laevis 'Snowcloud'	4		Edible berries
Tree Lilac, 'China Snow '	Syringa pekinensis 'China Snow'	3		https://www.arboday.org/trees/treeguide/TreeDetail.cfm?ItemID=857
Tree Lilac, 'Ivory Silk'	Syringa reticulata 'Ivory Silk'	4		
Zelkova, City Sprite	Zelkova serrate	5	M	https://www.arboday.org/trees/treeguide/TreeDetail.cfm?ItemID=941
Zelkova, Wireless	Zelkova serrata 'Schmidtlow'	5		

Planting Tips

- ❖ Avoid planting trees too deep. The tree's first major root should be at ground level. Often times trees come too deep from the nursery and require
- ❖ Keep sod away from the tree's stem. The use of mulch is highly advised. Place 2-3 inches deep, out to the drip line of the tree.
- ❖ Watering trees require different watering requirements than turf. Trees should be watered before and after planting. Deep root watering should be
- ❖ Do not fertilize in the first year of planting.
- ❖ Call 811 for underground utilities prior to any digging.

** Maples have been removed temporarily from the approved species list due to 48% of Kalispell's trees being maple. As species level out, maples will be added back in.

** If another species is desired, please submit a request to parks and recreation for consideration.