

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 Rate	Notes
Elm, Prairie Expedition	Ulmus Americana 'Lewis & Clark'	2		Originated from North Dakota, adapted to cold prairie conditions, Dutch Elm Disease resistant.
Hackberry, Northern	Celtis occidentalis	3	MF	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=852
Linden, American	Tilia Americana	3		Pyramidal shape
Oak, Bur	Quercus macrocarpa	3	S	Ph adaptable, more tolerant of city conditions than most oaks.

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.arborday.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		
Boulevard trees for City of Kalispell				
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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.
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.arboday.org/trees/treeguide/TreeDetail.cfm?Ite
Hackberry, Northern	Celtis occidentalis	3		Nipple gall makes leaves unattractive but is harmless to tree. Very tolerant of wind and cold. https://www.arboday.org/trees/treeguide/TreeDetail.cfm?Ite
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.arboday.org/trees/treeguide/TreeDetail.cfm?Ite

Linden, American	Tilia Americana	3		Pyramidal shape
Oak, Bur	Quercus macrocarpa	3		Ph adaptable, more tolerant of city conditions than most oaks.
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.
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.arborday.org/trees/treeguide/TreeDetail.cfm?Ite
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.arborday.org/trees/treeguide/TreeDetail.cfm?Ite
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	Pyrus calleryana 'Chanticleer'	4		Narrower than other pears, resistant to fireblight.

Pear, Mountain Frost	Pyrus usseriensis 'Bailfrost'	3		Heavily flowering, beautiful fall tree.
Pear, Prairie Gem	Pyrus ussuriensis 'MorDak'	3		Excellent resistance to fireblight, will not fruit without other pear nearby.
Persian Parrotia	Parrotia persica	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 Rate	Notes
Bird Cherry, 'Merlot'	Prunus padus 'Merlot'	3		Great alternative to Canada Red Chokecherry without the suckers
Cherry, 'Pink flair'	Prunus sargentii 'JFS-KW58'	3		
Chokecherry, Amur 'Goldspur'	Prunus maackii 'Jefspur'	2	M	Interesting bronze exfoliating cherry-like bark.
Crabapple, 'Adirondack'	Malus 'Adirondack'	4	F	Disease resistance is good
Crabapple, 'Coralburst'	Malus 'Coralburst'	3	M	Nearly sterile.
Crabapple, 'Gladiator'	Malus 'Gladiator'	2	M	Pink purplish flowers and less fruit.
Crabapple, Golden Raindrop	Malus 'Schmidcutleaf'	4	M	
Crabapple, 'Jewelcole'	Malus 'Jewelcole'	4	M	Disease resistance is good, berries hold on till spring
Crabapple, Marilee	Malus 'Jarmin'	4	M	Disease resistance is good, fruitless
Crabapple, 'Purple Spire'	Malus '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.arborday.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.arborday.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.arborday.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 tree being maple. As species level out maples will be added back in.

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