

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.
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
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	<i>Catalpa speciosa</i>	4	MF	8" to 12" long bean-like fruit capsules persist on tree through
Elm, Accolade	<i>Ulmus 'Morton'</i>	4		Resistance to Dutch Elm Disease and elm leaf beetle, urban and
Elm, Triumph	<i>Ulmus 'Morton Glossy'</i>	4		Cross between Vangaurd and Accolade Elm.
Elm, Vangaurd	<i>Ulmus 'Plainsman'</i>	3		Cross between Japanese and Siberian Elm, Dutch Elm Disease and elm leaf beetle resistant, drought tolerant.
Elm, Prairie Expedition	<i>Ulmus Americana 'Lewis & Clark'</i>	2		Originated from North Dakota, adapted to cold prairie conditions, Dutch Elm Disease resitant.
Elm, New Horizon	<i>Ulmus Americana 'New Horizon'</i>	4		very high resistance to Dutch elm disease, elm leaf miner, and
Ginkgo (male)	<i>Ginkgo biloba</i>	3-4	M	Select male varieties
Hackberry, Northern	<i>Celtis occidentalis</i>	3		Nipple gall makes leaves unattractive but is harmless to tree.
Honeylocust, 'Skyline' or 'Shademaster'	<i>Gleditsia triacanthos var. inermis 'Skyline' or 'Shademaster'</i>	4		Good urban tree but has been overplanted.
Horschestnut, 'Baumannii'	<i>Aesculus hippocastanum 'Baumannii'</i>	3		Similar to Ohio Buckeye but larger, nuts are poisonous. Double white flower
Kentucky Coffeetree	<i>Gymnocladus dioicus</i>	3		Upright arching branches with bipinate leaves that cast filtered
Linden, American	<i>Tilia Americana</i>	3		Pyramidal shape
Oak, Bur	<i>Quercus macrocarpa</i>	3		Ph adaptable, more tolerant of city conditions than most oaks.
Oak, Swamp White	<i>Quercus bicolor</i>	4		Chlorosis can occur in alkaline soil.
Oak, Northern Pin	<i>Quercus ellipsoidalis</i>	3		Tolerant of alkaline soils.
Oak, Red Oak	<i>Quercus rubra</i>	4	F	One of the fastest growing oaks. Will develop chlorosis in high
Planetree, American 'Northern Advance'	<i>Platanus occidentalis 'Bismarck'</i>	3		Not drought tolerant. Also known as Sycamore
Siberian Larch	<i>Larix siberica</i>	2		Deciduous conifer
Turkish Filbert	<i>Corylus colurna</i>	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	<i>Alnus glutinosa</i>	3		moist well drained soils. Full sun or partial sun.
Amur Corktree	<i>Phellodendron amurense</i>	4		Interesting corky bark, clusters of yellowish fruit turning to black
Birch, Dakota Pinnacle Asian White	<i>Betula platyphylla</i> 'Fargo'	3		Good resistance to Bronze Birch Borer, drought tolerant, adaptability to heavy clay soils and fairly high ph.
Birch, Paper 'Prairie Dream'	<i>Betula papyrifera</i> 'Varen'	2		Exceptional snow whit bark, resistant to bronze birch borer.
Birch, River 'Heritage'	<i>Betula nigra</i> 'Cully' Heritage	4		Resistant to Bronze Birch Borer and Japanese Beetle
Birch, White 'Parkland Pillar Asian'	<i>Betula platyphylla</i> 'Parkland Pillar'	3		Taller and narrower than 'Fargo'
Birch, White 'Prairie Vision Asian'	<i>Betula platyphylla</i> 'Verdale'	3		Resistant to Bronze Birch Borer
Box Elder, Sensation	<i>Acer negundo</i> 'Sensation'	4	F	Male, improved branch structure from species
Cherry, Emerald Charm	<i>Prunus</i> x 'Morgenson'	3		Good alternative to crabapples having superior foliage
Cherry, Sargent	<i>Prunus sargentii</i>	4	F	Very beautiful in flower, purple-black fruit
Elm, Discovery	<i>Ulmus davidiana</i> var. <i>Japonica</i> 'Discovery'	3	S	Resistant to Dutch Elm Disease, leaf aphid and elm leaf beetle.
Elm, Frontier	<i>Ulmus</i> x 'Frontier'	5	M	Tolerant of most conditions. Considerable resistance to Dutch
Elm, Prospector	<i>Ulmus wilsoniana</i> 'Prospector'	4	M	Same as above, could be used under power lines due to it's vase shape
Goldenrain Tree	<i>Koelreuteria paniculata</i>	5	MF	Tolerant of most conditions. No serious pest problems.
Honeylocust, Northern Acclaim	<i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Harve'	3	F	Similar to 'Skyline' but more winter hardy
Hornbeam, American	<i>Carpinus caroliniana</i>	3	S	No pest problems, no litter, slow growing, beautiful fall color
Hornbeam, European	<i>Carpinus betulus</i>	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.
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
Pear, Chanticleer	Pyrus calleryana 'Chanticleer'	4		Narrower than other pears, resistant to fireblight.
Pear, Mountain Frost	Pyrus ussuriensis '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

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 'Schmidtcutleaf'	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
Moutain Ash, 'Red Cascade'	Sorbus Americana 'Swarfrown'	3		
Pear, Jack	Pyrus calleryana 'Jaczam'	4		
Persian Parrotia, 'Vanessa'	Parrotia persica 'Vanessa'	5		
Plum, 'Big Cis'	Prunus x cistena 'Schmidtcsis'	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.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 request to parks and recreation for consideration