

Approved Street Tree List for Denver's Public Rights-of-way

Trees in the approved list are those which, given proper and consistent maintenance including supplemental irrigation, proper pruning, and avoidance of chemical contaminants, will be assets to Denver's urban canopy.

When possible, obtain trees that have been grown from a local seed source. Locally grown trees will be adapted to our area's highly variable, and often harsh, growing conditions. If locally grown trees cannot be obtained, source from locales that have similar growing conditions to our area (precipitation, soil pH, high/low temperatures, etc). Moisture requirements are based on observed species averages following root establishment. All trees require supplemental water for root establishment.

Per Forestry Rules and Regulations, the following trees may not be planted in the public right-of-way:

- Any of the poplar (*Populus*) species including cottonwoods and aspens
- Any of the willow (*Salix*) species
- Boxelder (*Acer negundo*)
- Siberian elm (*Ulmus pumila*)
- Weeping and pendulous trees
- Multi-stemmed trees

Other trees which, for various reasons, currently have a moratorium on planting in the public right-of-way include:


- Ash (*Fraxinus*) species
- Walnut (*Juglans*) species
- Silver maple (*Acer saccharinum*)
- Autumn Blaze / Freeman maple (*Acer x freemannii*)
- Sunburst honeylocust (*Gleditsia triacanthos inermis* 'Sunburst')
- Bradford pear (*Pyrus calleryana* 'Bradford')
- Mulberry (*Morus*) species
- Russian-olive (*Elaeagnus angustifolia*)
- Tree-of-heaven (*Ailanthus altissima*)

Trees not included on the approved street tree list may not be planted in the public right-of-way (as a street tree) without express permission from the Office of the City Forester. If a tree is excluded, it may be permitted on a case-by-case basis. Contact the Office of the City Forester (720-913-0651) for details, site inspections, and planting permits.

By Denver ordinance (§57-18), the adjoining property owner is responsible for all aspects of street tree care, including but not limited to; planting, pruning, vegetative litter clean-up, and removal. A free permit is required from the Office of the City Forester for tree planting and removal.

Minimum Spacing Requirements

- 35' between shade trees
- 25' between ornamental trees
- 30' from curb at intersections
- 20' from street lights
- 10' from alleys, driveways & fire hydrants
- 7' from attached sidewalks
- 5' from water meters

 Shading indicates species suitable for planting under overhead utilities. These varieties should only be planted in situations where overhead growth restrictions exist.

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Family	Botanical Name	Acceptable Cultivar	Common Name	Hardiness Zone	Moisture Level	Soil Salt Tolerance	Aerosol Salt Tolerance	Water Quality Area	Height @ Maturity	Canopy Spread @ Maturity	Canopy Area @ Maturity	Growth Form/Shape	Flowers	Fruits	Leaf Color - Spring/Fall		Additional Notes (includes compaction/tolerances/restrictions)
															Spring	Fall	
Aceraceae	Acer buergeranum	Streetwise	Trident Maple	5	Min	Tolerant	Intermediate		30	30	707	Oval to rounded	Small green-yellow in spring, insignificant	Green samaras	Dark green	Orange-red	Slow growing. No pests or disease problems at this time. Snow & ice damage may be a concern.
Aceraceae	Acer campestre		Hedge Maple	5	Min	Tolerant	Tolerant		30	30	707	Oval to rounded, dense	Small green-yellow in spring, insignificant	Green samaras	Dark green	Yellow	Tolerates dry soil. Intolerant of soil compaction. Prune to develop strong branching structure and overhead clearance.
Aceraceae	Acer campestre	Panacek	Metro Gold Hedge Maple	5b	Min	Tolerant	Tolerant		30	15	177	Upright to narrow oval	Small green-yellow in spring, insignificant	Green samaras	Dark green	Yellow	Upright, narrow form. Tolerates dry soil. Intolerant of soil compaction. Prune to develop strong branching structure and overhead clearance.
Aceraceae	Acer campestre	JFS Shichtel2	Streetside Maple	5	Min	Tolerant	Tolerant		32	15	177	Upright to narrow oval	Small green-yellow in spring, insignificant	Green samaras	Dark green	Yellow	Upright, narrow form. Tolerates dry soil. Intolerant of soil compaction. Prune to develop strong branching structure and overhead clearance. Availability may be limited.
Aceraceae	Acer glabrum		Rocky Mountain Maple	5	Min to Mod	Sensitive	Sensitive		20	13	133	Oval	Small green-yellow in spring, insignificant	Green samaras	Green	Yellow-orange-red	Plant in protected site - heat tolerance may be a concern. Prune to develop strong branching structure and overhead clearance.
Aceraceae	Acer grandidentatum		Bigtooth Maple	4	Xeric	Sensitive	Sensitive		25	25	491	Rounded to broad spreading	Small green-yellow in spring, insignificant	Green samaras	Green	Orange-red	Also known as Wasatch maple. Slow growing. Tolerant of alkaline soils. Typically multistem. Prune to develop central leader, strong branching structure and overhead clearance.
Aceraceae	Acer grandidentatum	JFS-NuMex 3 P.A.F.	Mesa Glow Bigtooth Maple	4	Xeric	Sensitive	Sensitive		25	15	177	Upright oval	Small green-yellow in spring, insignificant	Green samaras	Dark green	Orange-red to red	Upright form of parent species. Slow growing. Tolerant of alkaline soils. NM State introduction - Availability may be limited. Prune to develop central leader, strong branching structure and overhead clearance.
Aceraceae	Acer grandidentatum	Schmidt	Rocky Mountain Glow	4	Xeric	Sensitive	Sensitive		20	13	133	Oval	Small green-yellow in spring, insignificant	Green samaras	Green	Yellow-orange-red	Faster growing than species. Intolerant of soil compaction. Prune to develop strong branching structure and overhead clearance.
Aceraceae	Acer grandidentatum x saccharum	Hipzam	Highland Park Maple	4	Min	Sensitive	Sensitive		35	22	380	Narrow upright to pyramidal	Small green-yellow in spring, insignificant	Green samaras	Dark green	Red	Faster growing & more upright than bigtooth maple. More heat & drought resistant than sugar maple. Prune to develop overhead clearance.
Aceraceae	Acer grandidentatum x saccharum	Orbit	Canyon Treasure Bigtooth Maple	4	Min	Sensitive	Sensitive		35	22	380	Oval to rounded	Small green-yellow in spring, insignificant	Green samaras	Dark green	Red	Very cold hardy. NDSU introduced - Availability may be limited. Prune to develop overhead clearance.
Aceraceae	Acer griseum		Paperbark maple	4	Mod	Intermediate	Intermediate		25	20	314	Oval to vase	Small green in spring, insignificant	Brown samaras	Dark green	Yellow-orange-red	Very slow growing. Attractive, exfoliating bark. Tolerant of slightly alkaline soils. Intolerant of extended drought. Not recommended for planting in or near hardscape. Availability may be limited. Prune to develop single stem form and overhead clearance.
Aceraceae	Acer griseum	JFS KW8AGRI	Fireburst Paperbark Maple	5	Mod	Intermediate	Intermediate		22	15	177	Upright oval	Small green in spring, insignificant	Brown samaras	Dark green	Brilliant red	Faster growing variety of parent species. Attractive, exfoliating bark. Tolerant of slightly alkaline soils. Intolerant of extended drought. Not recommended for planting in or near hardscape. Availability may be limited. Improved branch structure over parent species. Prune to develop single stem form and overhead clearance.
Aceraceae	Acer miyabei	Morton	State Street Maple	4	Mod	Intermediate	Intermediate	X	45	35	962	Upright pyramidal to rounded	Small green-yellow in spring, insignificant	Green samaras	Green	Yellow-orange	Cold hardy & drought tolerant, chlorosis resistant; pest free.
Aceraceae	Acer miyabei	JFS-KW3AMI	Rugged Ridge Maple	4	Mod	Intermediate	Intermediate	X	50	35	962	Upright oval	Small green-yellow in spring, insignificant	Green samaras	Dark green	Yellow	Cold hardy & drought tolerant,, chlorosis resistant; pest free; touted as most vigorous miyabe maple.
Aceraceae	Acer nigrum		Black Maple	4	Mod	Sensitive	Sensitive		60	40	1257	Upright oval to rounded	Small green-yellow in spring, insignificant	Green samaras	Dark green	Yellow-orange-red	More drought & heat tolerant than sugar maple. Intolerant of poorly drained soils. Availability may be limited.
Aceraceae	Acer nigrum	Greencolumn	Greencolumn Maple	4	Min to Mod	Unknown	Unknown		45	15	177	Narrow upright	Small green-yellow in spring, insignificant	Green samaras	Light green	Yellow-orange	Good heat and drought tolerance. May suffer some scorch in exposed sites.
Aceraceae	Acer platanoides		Norway Maple	See comments regarding Norway maple												Tree is susceptible to sunscald, leaf scorch, frost cracks, and chlorosis. Does not tolerate planting in exposed sites or hardscape. Tree should only be planted in large areas with organic surface treatments.	
Aceraceae	Acer pseudoplatanus		Sycamore Maple	4	Mod	Tolerant	Tolerant		35	25	491	Upright spreading to rounded	Small green-yellow in spring, insignificant	Green samaras, turning red	Dark green	Yellow	Soil adaptable and salt tolerant. Intolerant of heavy clay soils. Plant in large tree lawn.
Aceraceae	Acer pseudosieboldianum	KorDak	Northern Spotlight Korean Maple	4	Mod	Unknown	Unknown		15	20	314	Upright to broad spreading	Off-white in spring, insignificant	Brown-purple samaras	Green	Orange-deep red	Cold hardy cross between Korean & Japanese maple. Leaves resistant to scorch, persist through winter. Thin bark may be easily damaged. NDSU introduced - Availability may be limited.
Aceraceae	Acer pseudosieboldianum x palmatum	Hasselkus	Northern Glow Maple	4	Mod	Unknown	Unknown		15	20	314	Upright to broad spreading	Off-white in spring, insignificant	Brown-purple samaras	Green	Orange-deep red	Cold hardy cross between Korean & Japanese maple. Leaves resistant to scorch. Thin bark may be easily damaged. NDSU introduced - Availability may be limited.
Aceraceae	Acer rubrum	Minnkota	Fall Grandeur Red Maple	3	Insufficient Data at this time - If tree can be obtained, Forestry is open to permitting planting on trial basis										Green	Red	Alkaline soil tolerant variety. NDSU introduced - Availability may be limited.

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															Spring	Fall		
Aceraceae	Acer saccharum	Collins Caddo	Collins Caddo Maple	5	Insufficient Data at this time - If tree can be obtained, Forestry is open to permitting planting on trial basis													
Aceraceae	Acer saccharum	Green Mountain	Green Mountain Sugar Maple	3	Mod	Sensitive	Sensitive		45	35	962	Upright to broad oval	Small green-yellow in spring, insignificant	Green samaras	Dark green	Yellow-red-orange	Good scorch resistance. Leaves are tatter resistant. More drought tolerant than parent species.	
Aceraceae	Acer saccharum	Legacy	Legacy Sugar Maple	4	Mod	Sensitive	Sensitive		45	30	707	Symmetrical oval to rounded	Small green-yellow in spring, insignificant	Green samaras	Dark green	Reddish orange-red	Good scorch resistance. Leaves are tatter resistant. More drought tolerant than parent species.	
Aceraceae	Acer saccharum	John Pair	John Pair Caddo Maple	5	Min to Mod	Unknown	Unknown	X	27	27	573	Rounded, symmetrical	Small green-yellow in spring, insignificant	Green samaras	Glossy green	Red	Heat, drought, and alkaline soil tolerant cultivar.	
Aceraceae	Acer saccharum	Autumn Splendor	Autumn Splendor Caddo Maple	5	Min to Mod	Unknown	Unknown	X	40	35	962	Broad oval to rounded	Small green-yellow in spring, insignificant	Green samaras	Glossy green	Orange-red	Heat, drought, and alkaline soil tolerant cultivar.	
Aceraceae	Acer saccharum	JFS-Caddo2	Flashfire Caddo Maple	4	Min to Mod	Unknown	Unknown	X	40	35	962	Broad oval	Small green-yellow in spring, insignificant	Green samaras	Dark green	Bright red	Heat, drought, and alkaline soil tolerant cultivar. Brilliant, early fall color. Hardest of Caddo maples.	
Aceraceae	Acer saccharum	JFS-Caddo3	Oregon Trail Maple	5		Unknown	Unknown		45	40	1257	Broadly oval to rounded	Small green-yellow in spring, insignificant	Green samaras	Dark green	Orange red-red	Drought & heat resistant; strong branch structure resists ice damage.	
Aceraceae	Acer saccharum	Sisseton	Northern Flare Sugar Maple	3	Mod	Unknown	Unknown		40	35	962	Oval	Small green-yellow in spring, insignificant	Green samaras	Green	Orange-red	Slow-growing, cold hardy cultivar. Tolerant of alkaline soils, but intolerant of compaction. NDSU introduced - Availability may be limited.	
Aceraceae	Acer saccharum	Sugar Cone	Sugar Cone Maple	4	Mod	Unknown	Unknown		22	11	95	Dwarf pyramid, compact	Small green-yellow in spring, insignificant	Green samaras	Dark green	Red-orange-yellow	Smallest cultivar of species. Slow growing. Drought tolerant. Unproven in Denver region.	
Aceraceae	Acer tataricum	JFS-KW2	Rugged Charm Tatarian Maple	3	Xeric	Intermediate to Tolerant	Unknown	X	24	13	133	Upright oval, compact	White clusters in spring	Red samaras	Green	Yellow-orange-red	Form more narrow and symmetrical than parent species and Hot Wings. Rarely suckers. Showy, heavy seed crop.	
Aceraceae	Acer tataricum	Gar-Ann	Hot Wings Tatarian Maple	3	Xeric	Intermediate to Tolerant	Unknown	X	20	20	314	Rounded, spreading	White clusters in spring	Bright red samaras	Green	Yellow-red	Broadly spreading cultivar. Rarely suckers. Showy, heavy seed crop. Prune to develop strong branching structure.	
Aceraceae	Acer tataricum	Patdell	Pattern Perfect Tatarian Maple	3	Min	Intermediate to Tolerant	Unknown	X	23	18	254	Upright oval	White clusters in spring	Red Samaras	Green	Yellow-orange-red	Oval form more narrow than parent species and Hot Wings. Rarely suckers. Showy, heavy seed crop. Faster growing than other cultivars of species.	
Aceraceae	Acer triflorum		Three Flower Maple	4	Mod	Intermediate	Intermediate		15	20	314	Rounded	Green in spring, insignificant	Green samaras	Light green	Bright orange	Slow growing. Intolerant of drought and alkaline soil. Shallow root system. Availability may be limited - Obtain from northern seed sources. Unproven in Denver region.	
Aceraceae	Acer triflorum	Jack-O-Lantern	Orange Aglo Three Flower Maple	3b	Mod	Intermediate	Intermediate	Insufficient Data at this time - If tree can be obtained, Forestry is open to permitting planting on trial basis				Rounded	Unknown	Unknown	Green	Orange	Leaves persist through winter. Alkaline soil tolerant. NDSU introduced - Availability may be limited.	
Aceraceae	Acer truncatum x platanoides	JFS-KW249	Ruby Sunset Maple	4b	Min	Unknown	Unknown		22	17	227	Broad oval to rounded	Unknown	Green samaras	Glossy dark green	Deep red	Availability may be limited. Unproven in Denver region.	
Aceraceae	Acer truncatum x platanoides	JFS-KW187	Urban Sunset Maple	4b	Min	Unknown	Unknown		35	20	314	Narrow pyramidal to upright oval	Yellow flowers in spring, very short bloom time	Green samaras	Glossy dark green	Red	Minimal pruning is required. Produces few seeds.	
Aceraceae	Acer truncatum x platanoides	JFS-KW202	Crimson Sunset Maple	4	Min	Unknown	Unknown		30	20	314	Upright oval	Yellow flowers in spring, very short bloom time	Green samaras	Deep purple	Reddish-bronze	More heat and drought tolerant than parent species. Thin bark may be easily damaged. Prune for street use to maintain shape and structure.	
Aceraceae	Acer truncatum x platanoides	Keithsform	Norwegian Sunset Maple	4b	Min	Unknown	Unknown		30	20	314	Upright oval	Yellow flowers in spring, very short bloom time	Green samaras	Dark green	Yellow-orange-red	More heat and drought tolerant than parent species. Japanese beetle resistant. Thin bark may be easily damaged. Prune for street use to maintain shape and structure.	
Aceraceae	Acer truncatum x platanoides	Warrenred	Pacific Sunset Maple	4b	Min	Unknown	Unknown		27	20	314	Upright spreading to rounded	Yellow flowers in spring, very short bloom time	Green samaras	Dark green	Yellow-orange-red	More heat and drought tolerant than parent species. Japanese beetle resistant. Thin bark may be easily damaged. Prune for street use to maintain shape and structure.	
Hippocastanaceae	Aesculus flava		Yellow Buckeye	4	Mod	Intermediate	Intermediate		60	30	707	Upright oval to slightly spreading	Yellow-green flowers in spring, showy	Smooth, Pear-shaped capsule & nut	Dark green	Pumpkin-yellow	Greater leaf blotch resistance and less leaf drop than other Aesculus species. Leaf scorch may be an issue in windy, exposed sites.	
Hippocastanaceae	Aesculus glabra		Ohio Buckeye	4	Mod	Intermediate	Sensitive		35	35	962	Rounded to oval, low branching	Yellow-green flowers in spring, showy	Spiny, oval-shaped capsule & nut	Bright green	Pumpkin-yellow	Intolerant of excess heat and drought. Powdery mildew, leaf scorch, and leaf drop may be issues. Prune to develop overhead clearance.	
Hippocastanaceae	Aesculus x arnoldiana	Autumn Splendor	Autumn Splendor Buckeye	4	Mod	Intermediate	Unknown		30	25	491	Rounded, low branching	Off-white flowers in spring, showy	Spiny, oval-shaped capsule & nut	Dark green	Red-orange-purple	Resistant to leaf scorch. Intolerant of excess drought. Prune to develop overhead clearance.	
Hippocastanaceae	Aesculus x 'Homestead'		Homestead Buckeye	4	Mod	Intermediate	Unknown		35	22	380	Broad oval to rounded, low branching	Yellow-red flowers in spring, showy	Spiny, oval-shaped capsule & nut	Dark green	Bright red-orange	Intolerant of excess heat and drought. Powdery mildew, leaf scorch, and leaf drop may be issues. Prune to develop overhead clearance.	
Hippocastanaceae	Aesculus hippocastanum		Common Horsechestnut	4	Mod	Intermediate	Intermediate		60	40	1257	Dense oval	White flowers in spring, showy	Spiny, round-shaped capsule & nut	Dark green	Yellow	Tolerant of restricted growing areas. Intolerant of excess heat and drought. Powdery mildew, leaf scorch, and leaf drop may be issues. May be subject to storm breakage; avoid planting in high wind areas.	

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Hippocastanaceae	Aesculus hippocastanum	Baumannii	Baumann Horsechestnut	4	Mod	Intermediate	Intermediate		45	36	1018	Broad oval	Double white flowers w/ red & yellow tints in spring, showy	Fruitless	Dark green	Yellow	Recommended over standard horsechestnut. Tolerant of restricted growing areas. Intolerant of excess heat and drought. Powdery mildew, leaf scorch, and leaf drop may be issues. May be subject to storm breakage; avoid planting in high wind areas.
Hippocastanaceae	Aesculus x Bergeson		Prairie Torch Buckeye	3	Mod	Intermediate	Intermediate		27	27	573	Slightly weeping, globose	Yellow-green in spring, showy	Spiny, round-shaped capsule & nut	Dark green	Orange-red	Excellent cold hardiness. Resistant to leaf scorch. Intolerant of drought.
Hippocastanaceae	Aesculus x carnea	Ft McNair	Ft McNair Horsechestnut	4	Mod	Intermediate	Intermediate		29	27	573	Rounded, low branching	Pink w/ yellow tints in spring, showy	Small, spiny, round-shaped capsule	Dark green	Yellow	More leaf blotch resistant than parent species and other cultivars. Leaf scorch in windy sites may be and issue. Less leaf drop than other Aesculus sp..
Hippocastanaceae	Aesculus x carnea	Briotii	Briotti Horsechestnut	4	Mod	Intermediate	Intermediate		27	32	804	Rounded, low branching	Bright red flowers in spring, showy	Nearly fruitless	Dark green	Yellow	Nearly fruitless cultivar. Intolerant of drought. Prefers moist, well-drained soil.
Rosaceae	Amelanchier arborea		Downy Serviceberry	4	Min to Mod	Intermediate	Sensitive	X	20	15	177	Rounded	White flowers in spring, showy	Small, purple-red fruit, edible	Dark green	Orange-red-yellow	Intolerant of pollution. Thin bark may be easily damaged. Prefers moist, well-drained soil.
Rosaceae	Amelanchier canadensis*		Shadblow Serviceberry	3	Xeric	Intermediate to Tolerant	Sensitive	X	20	15	177	Rounded to upright vase, typically multistemmed	White flowers in spring, showy	Small, purple-red fruit, edible	Dark green	Orange-red-yellow	Thin bark may be easily damaged. Prune to develop single stem form.
Rosaceae	Amelanchier x grandiflora	Autumn Brilliance, Princess Diana, Robin Hill	Apple Serviceberry	4	Xeric to Min	Intermediate to Tolerant	Sensitive	X	20	15	177	Upright to moderate spreading	White, light pink flowers in spring, showy (Robin Hill)	Small, purple-red fruit, edible	Dark green	Orange-red-yellow	Cold hardy. Thin bark may be easily damaged. Prune to develop single stem form. Robin Hill best cultivar for single stem form.
Rosaceae	Amelanchier laevis		Allengheny Serviceberry	4	Min to Mod	Intermediate to Tolerant	Sensitive	X	22	13	133	Upright oval, irregular	White flowers in spring, showy	Small, black-purple fruit, edible	Blue-green	Red-orange-yellow	Tolerant of full shade and confined planting spaces. Thin bark may be easily damaged. Taller and more upright than other Amelanchier species. Good selection for single stem form.
Rosaceae	Amelanchier laevis	JFS-Arb PP 15304	Spring Flurry Serviceberry	4	Min to Mod	Intermediate to Tolerant	Sensitive	X	25	15	177	Upright oval vase	White flowers in spring, showy	Small, black-purple fruit, edible	Green	Red-orange-yellow	Tolerant of full shade and confined planting spaces. Thin bark may be easily damaged. Taller and more upright than other Amelanchier species. Dominant central leader with upward scaffold branches. Good selection for single stem form.
Annonaceae	Asimina triloba		Pawpaw	5	Mod	Unknown	Unknown	X	23	12	113	Upright to Rounded	Purple-maroon flowers in early spring	2"-4" elongated fruit, green maturing to brown, edible	Green	Yellow	Tolerant of full shade, medium-wet soils, and slightly alkaline pH.. Fruit results from multiple tree cross-pollination. Plant in areas where fruit is not problematic. Prune to develop strong branching structure. Availability may be limited. Unproven in Denver region.
Betulaceae	Carpinus betulus	Frans Fontaine, Fastigiata	Columnar European Hornbeam	5	Mod	Sensitive	Sensitive		35	20	314	Upright, narrow	White flowers in spring, insignificant	Insignificant	Dark green	Yellow	Intolerant of excess & reflective heat, resulting in scorch and poor vigor. Plant in protected sites with large rooting space.
Betulaceae	Carpinus caroliniana		American Hornbeam	3	Mod	Sensitive	Sensitive		25	22	380	Columnar-oval to pyramidal, low branching	Orange-yellow catkins in early spring, insignificant	Insignificant	Green	Orange-red-yellow	Tolerant of periodic flooding. Intolerant of compacted soils. Prefers slightly acidic soils. May be difficult to transplant. Highly resistant to storm damage due to hard, dense wood. Availability may be limited.
Betulaceae	Carpinus caroliniana	Uxbridge	Rising Fire American Hornbeam	4	Mod	Sensitive	Sensitive		27	12	113	Upright, narrow	Orange-yellow catkins in early spring, insignificant	Insignificant	Green	Red-orange	Columnar form of parent species. Tolerant of periodic flooding. Intolerant of compacted soils. Prefers slightly acidic soils. May be difficult to transplant. Highly resistant to storm damage due to hard, dense wood. Availability may be limited.
Juglandaceae	Carya illinoensis		Pecan	5	Mod	Sensitive	Sensitive		60	40	1257	Oval to spreading	Yellow catkins in spring, insignificant	1"-2" Edible nut	Green	Yellow	Northern seed source is critical. May be difficult to transplant & establish due to taproot. Large root system requires large tree lawn. Prune to develop strong branching structure when young. Unproven in Denver region.
Juglandaceae	Carya glabra		Pignut Hickory	5	Min to Mod	Sensitive	Intermediate		50	30	707	Dense oval	Yellow-green catkins in spring, insignificant	1" Nut	Green	Yellow-copper	May be difficult to transplant & establish due to taproot. Unproven in Denver region.
Juglandaceae	Carya ovata		Shagbark Hickory	5	Mod	Intermediate	Sensitive		50	30	707	Oval	Yellow catkins in spring, insignificant	1" Nut	Deep yellow-green	Burnt yellow	May be difficult to transplant & establish due to taproot. Unproven in Denver region.
Bignoniaceae	Catalpa ovata		Chinese Catalpa	4	Xeric to Min	Tolerant	Intermediate		25	25	491	Spreading	Yellow-white flowers in spring to summer; showy	Long, brown bean pod	Green	Yellow	Smaller than Catalpa speciosa. Heat, drought, and alkaline soil tolerant. Decay when wounded or as tree ages may be an issue. Availability may be limited.
Bignoniaceae	Catalpa speciosa		Western Catalpa	5	Xeric to Min	Intermediate	Intermediate	X	50	35	962	Irregular pyramidal to rounded oval	Large, white flowers in spring to summer; showy	Long, brown bean pod	Green	Yellow	Heat, drought, and alkaline soil tolerant. Decay when wounded or as tree ages may be an issue.
Bignoniaceae	Catalpa speciosa	Hiawatha 2	Heartland Catalpa	5	Xeric to Min	Intermediate	Intermediate	X	45	23	415	Upright narrow oval	Large, white flowers in spring to summer; showy	Long, brown bean pod	Green	Yellow	Narrow, upright form of parent species. Uniform branching habit.

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Bignoniaceae	Catalpa x erubescens	Purpurea	Purple Catalpa	5	Xeric to Min	Intermediate	Intermediate	X	40	35	962	Rounded	Large, yellow-purple-spotted white flowers in spring to summer; showy	Long, brown bean pod	Purple	Yellow	Purple leaved cultivar of parent species. Unproven in Denver region.
Ulmaceae	Celtis laevigata	All Seasons, Magnifica	Sugar Hackberry	5	Xeric to Min	Tolerant	Intermediate	X	45	40	1257	Rounded vase to broad oval	Green in spring, insignificant	Small berry, insignificant	Dark green	Yellow	Varieties are more hardy than parent species. Magnifica has similar growth habit to elm & improved insect resistance.
Ulmaceae	Celtis occidentalis	Prairie Pride	Common Hackberry	3	Xeric to Min	Tolerant	Intermediate to Sensitive	X	45	35	962	Rounded vase	Green in spring, insignificant	Small berry, insignificant	Green	Yellow	Tolerant of urban growing conditions. Nipple gall may be an aesthetic issue. Intolerant of mechanical damage. Transplant in spring (B&B)
Ulmaceae	Celtis occidentalis	Chicagoland	Common Hackberry	3	Xeric to Min	Tolerant	Intermediate to Sensitive	X	45	35	962	Rounded vase, strong central leader	Green in spring, insignificant	Orange-red to deep purple berry	Green	Yellow	Tolerant of urban growing conditions. Nipple gall may be an aesthetic issue. Intolerant of mechanical damage. Transplant in spring (B&B)
Ulmaceae	Celtis occidentalis	JFS-KSU1	Prairie Sentinel Hackberry	4	Xeric to Min	Tolerant	Intermediate to Sensitive	X	45	12	113	Columnar	Green in spring, insignificant	Orange-red to deep purple berry	Green	Yellow	Columnar cultivar of parent species. Tolerant of urban growing conditions, including confined planting spaces. Nipple gall may be an aesthetic issue. Intolerant of mechanical damage. Transplant in spring (B&B)
Ulmaceae	Celtis reticulata		Netleaf Hackberry	3	Xeric to Min	Unknown	Unknown		25	25	491	Rounded, spreading	Green in spring, insignificant	Small, orange-red berry	Green	Yellow	Slow growing. Nipple gall may be an aesthetic issue. Prune to develop strong branching structure and overhead clearance. Also known as western hackberry.
Cercidiphyllaceae	Cercidiphyllum japonicum		Katsuratree	5	Mod	Intermediate to Sensitive	Intermediate to Sensitive		35	35	962	Upright, pyramidal to rounded	Green in spring, insignificant	1/2"-1" elongated pod	Blue-green	Yellow-orange	Intolerant of soil compaction and confined planting spaces. Shallow surface roots; plant in a site with large rooting space.
Fabaceae	Cercis canadensis		Eastern Redbud	4	Min to Mod	Sensitive	Sensitive	X	25	30	707	Irregular, rounded vase	Lavendar/pink/ purple in spring (before leaves), showy	Small, brown pod 2-3" long	Green	Yellow	Tolerant of partial shade. Flowers emerge before leaves. Plant in protected area. Prune to develop strong branching structure and overhead clearance.
Fabaceae	Cercis canadensis	Forest Pansy	Forest Pansy Redbud	5	Min to Mod	Sensitive	Sensitive	X	15	20	314	Irregular, rounded vase	Magenta-rose in spring (before leaves), showy	Small, brown pod 2-3" long	Purple-bronze green	Yellow-orange	Tolerant of partial shade. Flowers emerge before leaves. Plant in protected area. Prune to develop strong branching structure.
Fabaceae	Cercis canadensis	Pink Trim	Northern Herald Redbud	4	Min to Mod	Sensitive	Sensitive	X	22	28	616	Spreading, rounded	Magenta-rose in spring (before leaves), showy	Small, brown pod 2-3" long	Burgundy to forest green	Yellow	Cold hardy variety of parent species. Tolerant of urban conditions. Prune to develop strong branching structure and overhead clearance.
Fabaceae	Cercis canadensis	JN2PP21451	Rising Sun Redbud	5	Min to Mod	Sensitive	Sensitive	X	13	18	254	Spreading, rounded	Magenta-rose in spring (before leaves), showy	Small, brown pod 2-3" long	Yellow w/ orange new growth	Yellow	Tolerant of partial shade. Flowers emerge before leaves. Plant in protected area. Prune to develop strong branching structure.
Oleaceae	Chionanthus virginicus		American Fringetree	4	Min to Mod	Sensitive	Sensitive		15	15	177	Spreading, oval	Green-white in spring, fragrant	1/2"-3/4" Blue-black fruit	Green	Yellow	Slow growing. Tolerant of urban conditions, including minor drought. Susceptible to emerald ash borer - increased risk of damage or death. Prune to develop strong branching structure and overhead clearance.
Oleaceae	Chionanthus retusus		Chinese Fringetree	5b	Mod	Sensitive	Sensitive		15	15	177	Broad oval	Large Green-white clusters in spring, fragrant	1/2"-1" Blue-purple fruit	Dark green	Yellow	Slow growing. Tolerant of urban conditions. Intolerant of drought. Species is not affected by emerald ash borer. Prune to develop strong branching structure and overhead clearance. Availability may be limited.
Oleaceae	Chionanthus retusus	Tokyo Tower	Tokyo Tower Fringetree	5b	Mod	Sensitive	Sensitive		15	8	50	Narrow upright vase	Large White clusters in spring, fragrant	1/2"-3/4" Blue-black fruit	Dark green	Yellow	Tolerant of confined planting spaces and urban conditions. Intolerant of drought. Species is not affected by emerald ash borer. Golden-tan exfoliating bark.
Fabaceae	Cladrastis kentukea		American Yellowwood	4	Mod	Intermediate to Sensitive	Intermediate to Sensitive		35	35	962	Rounded to oval	Creamy white-yellow clusters in spring, showy, fragrant	2"-4" Elongated pod	Bright green	Yellow	Flowers are significant source of nectar for bees. Thin, smooth bark may be easily damaged. Prune to develop strong branching structure and overhead clearance.
Fabaceae	Cladrastis kentukea	Perkins Pink	Perkins Pink Yellowwood	5	Mod	Intermediate to Sensitive	Intermediate to Sensitive		40	45	1590	Rounded to oval	Pink clusters in spring, showy, fragrant	2"-4" Elongated pod	Yellow-green	Yellow	Flowers are significant source of nectar for bees. Thin, smooth bark may be easily damaged. Prune to develop strong branching structure and overhead clearance.
Cornaceae	Cornus controversa	June Snow	June Snow Dogwood	5	Mod	Unknown	Unknown		25	35	962	Horizontally layered, spreading	White in early summer	1/4" Blue-black berry cluster	Dark green	Orange-red	Tolerant of partial shade, but prefers full sun. Tolerant of alkaline soils. Prune to develop overhead clearance. Availability may be limited. Unproven in Denver region.
Cornaceae	Cornus mas	Many - Consult with Forestry	Corneliancherry Dogwood	5	Mod	Unknown	Unknown		15	12	113	Rounded oval, commonly multistem	Yellow in early spring (before leaves)	Bright red fruit in mid-summer	Dark green	Purple-red	Flowers emerge before leaves. Highly resistant to storm damage due to hard, dense wood. Prune to develop strong branching structure and overhead clearance.

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															Spring	Fall	
Betulaceae	Corylus colurna		Turkish Filbert	4	Xeric	Sensitive	Sensitive		40	25	491	Pyramidal	Catkins in spring, insignificant	Oval nut	Green	Yellow	Plant in sites with large rooting space (tree lawns 8' and wider). Tree is slow to establish. Prune to develop strong branching structure.
Anacardiaceae	Cotinus obovatus		American Smoketree	4	Min to Mod	Intermediate to Sensitive	Intermediate to Sensitive	X	18	13	133	Rounded to broad spreading	Small pink/purple on long stem in late spring, showy	Small purple-brown fruit	Light green	Orange-red-yellow	Blooming flowers create smoke-like effect. Single stem form may be difficult to locate. Prune to develop strong branching structure.
Rosaceae	Crataegus ambigua		Russian Hawthorn	4	Xeric	Sensitive	Sensitive	X	15	15	177	Rounded to spreading	White in spring, showy	1/2" Dark red-purple berry, persistent	Green	Yellow	Tolerant of urban conditions, including alkaline soil and drought. Thorns are sparse and branches may be essentially thornless.
Rosaceae	Crataegus crus-galli	Inermis	Thornless Cockspur Hawthorn	4	Xeric	Tolerant	Tolerant	X	20	20	314	Rounded to spreading	White in spring, showy	1/2" Dull red berry, persistent	Deep green	Orange-bronze	Thornless variety of parent species. Extensive fruit litter may be an issue. Prune to develop strong branching structure and overhead clearance.
Rosaceae	Crataegus laevigata	Crimson Cloud	Crimson Cloud Hawthorn	4	Xeric to Min	Sensitive	Sensitive		20	15	177	Upright, spreading oval	Bright red w/ white centers in spring, showy	Max 1/2" Glossy red berry	Glossy green	No fall color change	Nearly thornless cultivar. More disease resistant than parent species. Prune to develop strong branching structure and overhead clearance.
Rosaceae	Crataegus laevigata	Paulii	Paul's Scarlet Hawthorn	4	Xeric to Min	Sensitive	Sensitive		20	15	177	Spreading to oval	Deep pink double flowers in spring, showy	Small pink-red berry, sparse	Glossy green	No fall color change	Tree slightly more susceptible to fireblight than cockspur hawthorn. Leaf spot and cedar apple rust may be an issue.
Rosaceae	Crataegus x mordensis	Snowbird; Toba	Snowbird/Toba Hawthorn	3	Xeric to Min	Unknown	Unknown		15	15	177	Upright oval to spreading	Double white in spring, fragrant	3/8" Red berry	Glossy green	No fall color change	Drought tolerant. Snowbird is hardier cultivar than Toba. Fireblight may be an issue.
Rosaceae	Crataegus submollis		Northern Downy Hawthorn	4	Min to Mod	Unknown	Unknown	X	20	20	314	Rounded to spreading	White in spring	3/4" Red-purple berry	Green	Yellow	Branches feature thorns up to 3" in length. Prune to develop strong branching structure. Also known as Quebec hawthorn. Availability may be limited. Unproven in Denver region.
Rosaceae	Crataegus viridis	Winter King	Winter King Hawthorn	4	Min to Mod	Unknown	Unknown	X	20	15	177	Upright to rounded	White in spring, showy	3/4" Bright red berry	Glossy dark green	Yellow	More disease resistant cultivar. Mostly spineless but occasional thorns up to 1.5" in length. Prune to develop strong branching structure. Also known as Green hawthorn.
Eucommiaceae	Eucommia ulmoides		Hardy Rubber-tree	5	Min	Intermediate	Intermediate		40	40	1257	Rounded	Brown in spring, insignificant	Fruitless	Dark green	Yellow	Prune to develop strong branching structure. Availability may be limited.
Eucommiaceae	Eucommia ulmoides	Empozam	Emerald Pointe Hardy Rubber-tree	5	Min	Intermediate	Intermediate		35	15	177	Upright, narrow	Brown in spring, insignificant	Fruitless	Dark green	Yellow	Availability may be limited.
Fagaceae	Fagus grandifolia		American Beech	3	Mod	Sensitive	Sensitive		65	60	2827	Pyramidal to oval	Yellow-green in spring	1/2"-1" spiny capsule & nut	Dark green	Golden bronze	Slow growing. May be difficult to transplant. Tolerant of heavy shade. Intolerant of wet, poorly drained soils and drought. Large root system requires large tree lawn. Thin bark may be easily damaged. Prune to develop overhead clearance. Availability may be limited.
Fagaceae	Fagus sylvatica		European Beech	4	Mod	Sensitive	Sensitive		50	40	1257	Pyramidal to oval	Yellow-green in spring	1/2"-1" spiny capsule & nut	Glossy dark green	Golden bronze	Slow growing. May be difficult to transplant. More tolerant of varying soil conditions than American beech. Intolerant of wet, poorly drained soils and extended drought. Prefers neutral to slightly acid soils. Large root system requires large tree lawn. Thin bark may be easily damaged. Prune to develop overhead clearance. Availability may be limited.
Fagaceae	Fagus sylvatica	Purpurea	Copper Beech	5	Mod	Sensitive	Sensitive		55	40	1257	Upright oval to rounded	Reddish in spring, insignificant	1/2"-1" spiny capsule & nut	Dark red to red-green	Red-orange	Slow growing. May be difficult to transplant. More tolerant of varying soil conditions than American beech. Intolerant of wet, poorly drained or compacted soils and extended drought. Prefers neutral to slightly acid soils. Large root system requires large tree lawn. Thin bark may be easily damaged. Prune to develop overhead clearance. Availability may be limited.
Fagaceae	Fagus sylvatica	Roseomarginata	Tricolor Beech	4	Mod	Sensitive	Sensitive		25	15	177	Oval	Yellow-green in spring	1/2"-1" spiny capsule & nut	Variegated purple, rose pink with cream margins	Light bronze	Slow growing. May be difficult to transplant. More tolerant of varying soil conditions than American beech. Intolerant of wet, poorly drained soils and extended drought. Thin bark may be easily damaged.
Ginkgoaceae	Ginkgo biloba	Autumn Gold	Autumn Gold Ginkgo	3	Mod	Intermediate	Intermediate	X	40	30	707	Broad pyramidal	Insignificant	Fruitless	Green	Golden yellow	Male (seedless) clone with slow growth rate.
Ginkgoaceae	Ginkgo biloba	JFS-UGA2	Golden Colonnade Ginkgo	4	Mod	Intermediate	Intermediate	X	40	20	314	Narrow oval	Insignificant	Fruitless	Green	Golden yellow	Male (seedless) clone with moderate growth rate.
Ginkgoaceae	Ginkgo biloba	Magyar	Magyar Ginkgo	4	Mod	Intermediate	Intermediate	X	45	20	314	Narrow to pyramidal	Insignificant	Fruitless	Green	Golden yellow	Male (seedless) clone with moderate growth rate (faster than Princeton Sentry).
Ginkgoaceae	Ginkgo biloba	The President	Presidential Gold Ginkgo	4	Mod	Intermediate	Intermediate	X	45	35	962	Broad pyramidal to oval	Insignificant	Fruitless	Green	Golden yellow	Male (seedless) clone with slow growth rate.
Ginkgoaceae	Ginkgo biloba	Princeton Sentry	Princeton Sentry Ginkgo	4	Mod	Intermediate	Intermediate	X	35	15	177	Narrow pyramidal	Insignificant	Fruitless	Green	Golden yellow	Male (seedless) clone with slow growth rate.

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Ginkgoaceae	Ginkgo biloba	Shangri-la	Ginkgo	4	Mod	Intermediate		X	45	30	707		Insignificant	Fruitless			Male clone, fruitless. Slow grower
Fabaceae	Gleditsia triacanthos inermis	Imperial	Thornless Honeylocust	4	Xeric	Tolerant	Tolerant	X	35	35	962	Rounded	Insignificant	Fruitless	Green	Yellow	Thornless and fruitless cultivar. Genus overplanted in Denver region.
Fabaceae	Gleditsia triacanthos inermis	Moraine	Moraine Honeylocust	4	Xeric	Tolerant	Tolerant	X	40	40	1257	Rounded	Insignificant	Fruitless	Dark green	Yellow	Thornless and fruitless cultivar. Genus overplanted in Denver region.
Fabaceae	Gleditsia triacanthos inermis	Harve	Northern Acclaim Honeylocust	3b	Xeric	Tolerant	Tolerant	X	40	30	707	Broad pyramidal	Insignificant	Fruitless	Green	Yellow	Thornless and fruitless cultivar. Genus overplanted in Denver region.
Fabaceae	Gleditsia triacanthos inermis	Shademaster	Shademaster Honeylocust	4	Xeric	Tolerant	Tolerant	X	40	30	707	Vase to rectangular	Insignificant	Fruitless	Green	Yellow	Thornless and fruitless cultivar. Central leader less present than Skyline. Genus overplanted in Denver region.
Fabaceae	Gleditsia triacanthos inermis	Skycole	Skyline Honeylocust	4	Xeric	Tolerant	Tolerant	X	40	30	707	Broad pyramidal	Insignificant	Fruitless	Green	Yellow	Thornless and fruitless cultivar. Tree features strong central leader. Form is more upright than Shademaster. Genus overplanted in Denver region.
Fabaceae	Gleditsia triacanthos inermis	Draves PP21698	Street Keeper Honeylocust	4b	Xeric	Tolerant	Tolerant	X	40	15	177	Upright, narrow pyramidal	Insignificant	Fruitless	Dark green	Yellow	Columnar cultivar of parent species. Thornless and fruitless. Genus overplanted in Denver region.
Fabaceae	Gleditsia triacanthos inermis	True Shade	True Shade Honeylocust	4	Xeric	Tolerant	Tolerant	X	40	30	707	Oval	Insignificant	Fruitless	Dark green	Yellow	Thornless and fruitless cultivar. Faster growth rate and better branch angles than other cultivars. Genus overplanted in Denver region.
Fabaceae	Gymnocladus dioicus	Espresso	Kentucky Coffeetree	4	Xeric	Tolerant	Tolerant	X	60	40	1257	Spreading vase	Greenish-white clusters in late spring	Fruitless	Blue-green	Yellow	Male (fruitless) cultivar. Tolerant of urban growing conditions. No known insect or disease issues. Leaves, seeds, and pulp reported to be poisonous if ingested.
Fabaceae	Gymnocladus dioicus	JC McDaniel	Prairie Titan Coffeetree	4	Xeric to min	Tolerant	Tolerant	X	55	35	962	Upright, spreading	Greenish-white clusters in late spring	Fruitless	Blue-green	Yellow	Male (fruitless) cultivar. Tolerant of urban growing conditions. No known insect or disease issues. Leaves, seeds, and pulp reported to be poisonous if ingested.
Fabaceae	Gymnocladus dioicus	Stately Manor	Stately Manor Coffeetree	4	Xeric to Min	Tolerant	Tolerant	X	45	20	314	Narrow, upright	Greenish-white clusters in late spring	Fruitless	Blue-green	Yellow	Male (fruitless) cultivar. Tolerant of urban growing conditions. No known insect or disease issues. Leaves, seeds, and pulp reported to be poisonous if ingested.
Sapindaceae	Koelreuteria paniculata		Goldenraintree	5	Xeric	Intermediate	Intermediate	X	30	30	707	Open, rounded vase	Yellow in summer, very showy	Small, black fruit in brown seed pod, resembles small lantern	Green	Yellow	Volunteer seedlings could be an issue in mulched areas.
Sapindaceae	Koelreuteria paniculata	JFS-Sunleaf	Summer Burst Goldenraintree	5	Xeric	Intermediate	Intermediate	X	30	30	707	Open, rounded vase	Yellow in summer, very showy	Small fruit in brown seed pod w/ pink highlights, pod resembles small lantern	Dark green	Yellow	Cultivar more heat resistant than parent species. Volunteer seedlings could be an issue in mulched areas.
Altingiaceae	Liquidambar styraciflua	Check with Office of the City Forester for acceptable cultivars	Sweetgum	5	Mod to Moist	Intermediate	Intermediate		60	40	1257	Pyramidal to rounded	Yellow-green in spring, insignificant	Spiny, round-shaped capsule & nut	Green	Red-orange-yellow	Shallow surface roots; plant in a site with large rooting space. Rotundiloba is a seedless cultivar. Fruit litter may be an issue for parent species and/or other cultivars.
Magnoliaceae	Liriodendron tulipifera		Tulip Tree	4	Mod to Moist	Sensitive	Sensitive		70	40	1257	Pyramidal to oval	Green-yellow in spring, showy	Insignificant	Green	Yellow	Large root system requires large tree lawn.
Magnoliaceae	Liriodendron tulipifera	JFS-Oz	Emerald City Tulip Tree	5	Mod to Moist	Sensitive	Sensitive		55	25	491	Upright oval	Green-yellow in spring, showy	Insignificant	Dark green	Yellow	Cold hardy cultivar. Form features strong, central leader and is more upright than parent species. Large root system requires large tree lawn. Unproven in Denver region.
Fabaceae	Maackia amurensis		Amur Maackia	3	Xeric	Intermediate	Intermediate		25	18	254	Rounded vase	White in summer	Insignificant	Green	Yellow	Tolerant of urban conditions, including drought. Prune to develop strong branching structure and overhead clearance.
Fabaceae	Maackia amurensis	MaacNificent	MaacNificent Amur Maackia	3	Xeric	Intermediate	Intermediate		28	20	314	Upright vase	White in summer	Insignificant	Silvery green	Yellow	Tolerant of urban conditions, including drought. Branching more upright than species. Prune to develop strong branching structure and overhead clearance.
Fabaceae	Maackia amurensis	Summertime	Summertime Amur Maackia	3	Xeric	Intermediate	Intermediate		18	16	201	Upright to rounded	White in summer	Insignificant	Silvery green	Yellow	Small cultivar of parent species. Tree displays low branching habit (starting at 48" above ground). Plant where overhead clearance is not an issue.
Fabaceae	Maackia amurensis	Starburst	Starburst Amur Maackia	3	Xeric	Intermediate	Intermediate		27	18	254	Upright to rounded	White in summer	Insignificant	Silvery green	Yellow	Tree displays low branching habit (starting at 48" above ground). Plant where overhead clearance is not an issue.
Moraceae	Maclura pomifera	White Shield	White Shield Osage Orange	5	Xeric	Unknown	Unknown		30	30	707	Upright spreading	Green in late spring, insignificant	Fruitless	Dark green	Yellow	Fruitless and thornless male cultivar. Tolerant of heat and drought. Highly resistant to storm damage due to hard, dense wood. Availability may be limited.

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Moraceae	Maclura pomifera	Wichita	Wichita Osage Orange	5	Xeric	Unknown	Unknown	X	30	30	707	Upright spreading, rounded	Green in late spring, insignificant	Fruitless	Glossy dark green	Yellow	Fruitless and thornless male cultivar. Tolerant of wet soils, dry soils, heat, and drought. Highly resistant to storm damage due to hard, dense wood. Young trees may have few thorns but become thornless with age. Availability may be limited.
Magnoliaceae	Magnolia acuminata		Cucumbertree Magnolia	4	Mod	Intermediate	Intermediate		65	50	1963	Pyramidal to rounded	Yellow in spring, insignificant, fragrant	2"-3" red cucumber-shaped fruit, persistant	Dark green	Yellow-bronze	Fast growing species. Intolerant of compacted soils. Thin bark may be easily damaged. Large root system requires large tree lawn. Transplant in spring for best survivability. Availability may be limited.
Magnoliaceae	Magnolia	NCMX1 P.A.F.	Mercury Magnolia	5	Mod	Unknown	Unknown		23	12	113	Upright pyramidal	Large lavender pink flowers,very late blooming	Unknown	Dark green	Yellow	Upright pyramidal form with strong, central leader & branching structure. Flowers emerge much later than other magnolias, reducing susceptibility to frosts & freezes. NC State introduced - Availability may be limited. Unproven in Denver region.
Rosaceae	Malus cv	Check with Office of the City Forester for acceptable cultivars	Crabapple	4	Varies with Cultivar	Varies with Cultivar	Varies with Cultivar	X	Varies with Cultivar	Varies with Cultivar	-	No multi-stemmed or pendulous forms permitted	Varies with Cultivar	Varies with Cultivar	Varies with Cultivar	Yellow	Check with Office of the City Forester for guidance on cultivars.
Betulaceae	Ostrya virginiana		American Hophornbeam	3	Min to Mod	Sensitive	Sensitive		30	30	707	Oval to rounded	Brown-green in summer, showy	1/4" Nut in hoplike sac, persistant	Dark green	Yellow	Tolerant of urban conditions. Tree is slow to establish, plant in early spring. Shallow root system. Prune to develop overhead clearance. Also known as ironwood.
Betulaceae	Ostrya virginiana	JFS-KW5	Autumn Treasure Hophornbeam	4	Min to Mod	Sensitive	Sensitive		35	17	227	Upright pyramidal to oval	Brown-green in summer, showy	1/4" Nut in hoplike sac, persistant	Dark green	Golden yellow	Upright, narrow form of parent species. Tolerant of urban conditions. Tree is slow to establish, plant in early spring. Shallow root system. Levae do not persist through winter - Leaf drop is complete in fall. Availability may be limited. Unproven in Denver region.
Betulaceae	Ostrya virginiana	Camdale	Sun Beam American Hophornbeam	3	Min to Mod	Sensitive	Sensitive		33	30	707	Oblong pyramidal to rounded	Brown-green in summer, showy	Nut in hoplike sac, persistant	Dark green	Yellow	Leaves may persist through winter. NDSU introduced - Availability may be limited.
Hamamelidaceae	Parrotia persica		Persian Ironwood	5	Min	Unknown	Unknown		30	30	707	Upright oval to rounded	Red in spring	Insignificant	Red-purple to dark green	Orange-red-yellow	Few issues once established. Prune to develop overhead clearance. Availability may be limited.
Hamamelidaceae	Parrotia persica	JLColumnar P.A.F.	Persian Spire Parrotia	5	Min	Unknown	Unknown		25	10	79	Columnar to Upright Oval	Red in spring	Insignificant	Red-purple to dark green	Orange-red-yellow	New introduction. Availability may be limited.
Hamamelidaceae	Parrotia persica	Vanessa	Vanessa Persian Spire Parrotia	5	Min	Unknown	Unknown		25	12	113	Upright vase	Red in spring	Insignificant	Dark green	Orange-red-yellow	New introduction. Availability may be limited.
Rutaceae	Phellodendron amurense		Amur Corktree	3	Min to Mod	Intermediate	Intermediate		38	45	1590	Open, rounded to spreading	Green-white in spring, insignificant	Small, black berry-like fruit cluster, only on females.	Green	Yellow	Easy to transplant. Large, shallow root system requires large tree lawn. Use only male cultivars, as fruit from females can be messy. Naturalization & seeding may be an issue.
Rutaceae	Phellodendron amurense	His Majesty	His Majesty Amur Corktree	3	Min to Mod	Intermediate	Intermediate		30	25	491	Broad vase	Green-white in spring, insignificant	Generally Fruitless	Green	Yellow	Generally fruitless, but use only male cultivars. Large, shallow root system requires large tree lawn. Naturalization & seeding may be an issue.
Rutaceae	Phellodendron amurense	Longenecker	Eye Stopper Corktree	4	Min to Mod	Intermediate	Intermediate		30	25	491	Upright to rounded	Green-white in spring, insignificant	Generally Fruitless	Green	Yellow	Generally fruitless, but use only male cultivars. Large, shallow root system requires large tree lawn. Naturalization & seeding may be an issue.
Rutaceae	Phellodendron amurense	Macho	Macho Amur Corktree	4	Min to Mod	Intermediate	Intermediate		40	40	1257	Upright to rounded	Green-white in spring, insignificant	Fruitless	Green	Yellow	Male, seedless cultivar of parent species. Large, shallow root system requires large tree lawn.
Anacardiaceae	Pistacia chinensis		Chinese Pistache	6	Min to Mod	Sensitive	Sensitive		30	30	707	Rounded vase	Green-white in spring, showy	1/3" red to blue-purple fruit cluster, only on females	Dark green	Orange-red	Resistant to storm damage. Plant in protected site. Prune to develop strong branching structure and overhead clearance.
Anacardiaceae	Pistacia chinensis	Pair'sChoice	Western Son Pistache	6	Min to Mod	Sensitive	Sensitive		27	27	573	Upright spreading to rounded	Unknown	Seedless	Dark green	Orange-red	Resistant to storm damage. Plant in protected site. Ascending branches minimize overhead clearance issues. Prune to develop strong branching structure.
Platanaceae	Platanus occidentalis		American Sycamore	4	Mod	Intermediate	Intermediate	X	75	60	2827	Pyramidal to rounded	Deep red in spring, insignificant	1" Round seed ball, persistant	Green	Yellow	Upper branches display showy bark. Large root system requires large tree lawn. Fruit litter may be an issue.
Platanaceae	Platanus occidentalis	Bismarck	Northern Advance American Sycamore	3	Mod	Intermediate	Intermediate	X	75	60	2827	Pyramidal to rounded	Insignificant	1" Round seed ball, persistant	Green	Yellow	Cold hardy cultivar of parent species. Large root system requires large tree lawn. NDSU introduced - Availability may be limited.
Platanaceae	Platanus occidentalis	Glabra	Texas Sycamore	Insufficient Data at this time - If tree can be obtained, Forestry is open to permitting planting on trial basis									Insignificant	1" Round seed ball, persistant	Green	Yellow	Alkaline soil tolerant cultivar. Faster growing than parent species. Anthracnose resistant. Large root system requires large tree lawn.
Platanaceae	Platanus x acerifolia	Bloodgood	Bloodgood London Planetree	5	Mod	Intermediate	Intermediate	X	40	35	962	Broad pyramidal	Insignificant	1" Round seed ball in cluster of 2-3, persistant	Green	Yellow	Upper branches display showy bark. Cultivar more resistant to anthracnose than parent species. Large root system requires large tree lawn.

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															Spring	Fall	
Platanaceae	Platanus x acerifolia	Morton Circle	Exclamation London Planetree	5	Mod	Intermediate	Intermediate	X	50	30	707	Pyramidal	Insignificant	1" Round seed ball in cluster of 2-3, persistent	Green	Yellow	Upper branches display showy bark. Cultivar more resistant to anthracnose than parent species. Large root system requires large tree lawn.
Rosaceae	Prunus sp.	Check with Office of the City Forester for acceptable cultivars	Plum/Cherry	5	Varies with Cultivar	Varies with Cultivar	Varies with Cultivar		Varies with Cultivar	Varies with Cultivar	-	Varies with Cultivar	Varies with Cultivar	Varies with Cultivar	Varies with Cultivar	Varies with Cultivar	Check with Office of the City Forester for guidance on cultivars.
Rosaceae	Prunus x virginiana	P002s	Sucker Punch Chokecherry	2	Min to Mod	Intermediate	Intermediate		25	20	314	Rounded	White in spring, showy	1/4"-1/2" Dark purple berry	Green to deep purple	Purple-red	Non-suckering cultivar of parent species. Availability may be limited.
Rutaceae	Ptelea trifoliata		Common Hoptree	3	Xeric	Intermediate	Intermediate		15	15	177	Rounded to vase	White in summer, not showy but fragrant	3/4"-1" Round samara	Green	Yellow	Tolerant of urban conditions and full shade sites. Suckering may be an issue. Prune to develop strong branching structure and overhead clearance.
Juglandaceae	Pterocarya stenoptera		Chinese Wingnut	6	Min to Mod	Unknown	Unknown		60	60	2827	Rounded to vase	Light green catkins in spring, showy	3/4" Winged nut	Glossy dark green	Yellow-green	Suckering and cold hardiness may be an issue. Large root system requires large tree lawn. Prune to develop strong branching structure. Unproven in Denver region.
Rosaceae	Pyrus calleryana	Aristocrat	Aristocrat Pear	4b	Min to Mod	Intermediate	Intermediate	X	30	22	380	Pyramidal	White in spring, showy	Insignificant	Dark green	Deep red	Tolerant of urban conditions. Overplanting is a concern. Prune to develop strong branching structure.
Rosaceae	Pyrus calleryana	Autumn Blaze	Autumn Blaze Pear	4	Min to Mod	Intermediate	Intermediate	X	20	18	254	Rounded	White in spring, showy	Insignificant	Emerges with red tint to glossy green	Bright red	Most cold hardy cultivar of parent species. Tolerant of urban conditions. Overplanting is a concern. Prune to develop strong branching structure
Rosaceae	Pyrus calleryana	Capital	Capital Pear	5	Min to Mod	Intermediate	Intermediate	X	30	10	79	Columnar	White in spring, showy	Insignificant	Glossy green	Red-purple	Availability may be limited.
Rosaceae	Pyrus calleryana	Glen's Form	Chanticleer Pear	4	Min to Mod	Intermediate	Intermediate	X	30	15	177	Upright pyramidal	White in spring, showy	Insignificant	Glossy green	Red	Greater fireblight resistance than other cultivars. Overplanting is a concern. Prune to develop strong branching structure
Rosaceae	Pyrus calleryana	Jazam	Jack Pear	4	Min to Mod	Intermediate	Intermediate	X	12	8	50	Compact oval	White in spring, showy	Insignificant	Dark green	Yellow	Dwarf cultivar of parent species.
Rosaceae	Pyrus fauriei	Westwood	Korean Sun Pear	4	Min to Mod	Intermediate	Intermediate	X	10	12	113	Compact round	White in spring, showy	Insignificant	Green	Red-purple	Fast growing dwarf. Cultivar is more cold hardy than parent species.
Rosaceae	Pyrus ussuriensis	Bailfrost	Mountain Frost Ussurian Pear	3b	Min to Mod	Intermediate	Intermediate	X	20	20	314	Narrow upright	White in spring, showy	Insignificant, sparse	Dark green	Yellow-red	Greatest cold hardiness among pear species. Fireblight resistant. Fruiting is typically sparse.
Rosaceae	Pyrus ussuriensis	MorDak	Prairie Gem Pear	3	Min to Mod	Intermediate	Intermediate	X	20	20	314	Rounded	White in spring, showy	Insignificant	Dark green	Yellow	Greatest cold hardiness among pear species. Fireblight resistant. Fruiting may be abundant if planted adjacent to other pear cultivar(s).
Fagaceae	Quercus accutissima		Sawtooth Oak	5	Min to Mod				50	50	1963	Broad pyramidal to rounded	3"-4" catkins	1" Acorn	Dark green	Yellow-brown	Tolerant of heat & humidity. Chlorosis may be an issue. Availability may be limited. Unproven in Denver region.
Fagaceae	Quercus alba		White Oak	3	Mod	Tolerant	Tolerant		60	60	2827	Oval to rounded	Insignificant	1/2"-1" Acorn	Green	Red	Relatively slow growing. May be intolerant of alkaline soils. Chlorosis may be an issue.
Fagaceae	Quercus bicolor		Swamp White Oak	4	Min to Mod	Intermediate	Intermediate	X	50	50	1963	Upright oval	Insignificant	1/2"-1" Acorn	Dark green	Copper-orange	Tolerant of urban conditions including periodic flooding, soil compaction, and drought. Depending on genetics, may be susceptible to bullet gall. Chlorosis may be an issue. Prune to develop central leader.
Fagaceae	Quercus bicolor	JFS-KW12 PP23632	American Dream Oak	4	Min to Mod	Intermediate	Intermediate	X	45	35	962	Broad pyramidal	Insignificant	1/2"-1" Acorn	Bright green	Yellow	Cultivar is faster growing than parent species. Tolerant of urban conditions including periodic flooding, soil compaction, and drought. Depending on genetics, may be susceptible to bullet gall. Chlorosis may be an issue. Prune to develop central leader.
Fagaceae	Quercus bicolor	Bonnie and Mike	Beacon Oak	4	Min to Mod	Intermediate	Intermediate	X	35	12	113	Narrow columnar	Insignificant	1/2"-1" Acorn	Glossy green	Yellow	Tolerant of urban conditions including periodic flooding, soil compaction, and drought. Depending on genetics, may be susceptible to bullet gall. Chlorosis may be an issue. Prune to develop central leader.
Fagaceae	Quercus x bimundorum	Midwest	Prairie Stature Oak	3	Min to Mod	Intermediate	Intermediate		45	35	962	Broad pyramidal	Insignificant	1/2"-1" Acorn	Dark green	Yellow-orange-red	Cold hardy hybrid of English and white oak. Tolerant of alkaline soils.
Fagaceae	Quercus buckleyi		Texas Red Oak	5b	Min	Tolerant	Unknown		35	35	962	Broad rounded	Insignificant	1/2"-3/4" Acorn	Glossy green	Orange-red	Native of Texas is closely related to shumard oak. Tolerant of alkaline soils and drought. Check seed source for hardiness and soil tolerance.
Fagaceae	Quercus gambelii		Gambel Oak	5	Xeric	Sensitive	Sensitive		20	20	314	Irregular rounded	Insignificant	1/2"-3/4" Acorn	Dark green	Yellow-red-brown	Root suckers may be an issue. Prune to develop single stem form. Kermes scale is an increasing issue.

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Fagaceae	Quercus glaucooides		Lacey Oak	6b	Xeric	Unknown	Unknown		30	25	491	Irregular rounded	Insignificant	1/2"-3/4" Acorn	Pink turning to blue-green	Yellow-brown	Native of south-central Texas. Tolerant of heat, drought, and alkaline soils. Cold hardiness may be an issue. Prune to develop central leader. Unproven in Denver region.
Fagaceae	Quercus imbricaria		Shingle Oak	5	Mod	Unknown	Intermediate		50	50	1963	Pyramidal to oval-rounded	Insignificant	1/2" Acorn	Green	Yellow-red	May be intolerant of alkaline soils. Transplant in spring for best survivability. Large root system requires large tree lawn. Chlorosis may be an issue.
Fagaceae	Quercus x macdanielii	Clemons PP11431	Heritage Oak	4	Min	Unknown	Unknown		45	35	962	Broad pyramidal to oval	Insignificant	1/2" Acorn	Dark glossy green	Yellow	Hybrid of English and bur oak. More cold hardy than English oak.
Fagaceae	Quercus macrocarpa		Bur Oak	3	Xeric	Intermediate	Intermediate	X	70	60	2827	Rounded	Insignificant	1" Acorn	Dark green	Copper-yellow	Tolerant of urban conditions. Depending on genetics, may be susceptible to bullet gall. Large root system requires large tree lawn.
Fagaceae	Quercus macrocarpa	Bullet Proof	Bullet Proof Bur Oak	4	Xeric	Intermediate	Intermediate	X	70	60	2827	Rounded to upright	Insignificant	1" Acorn	Dark green	Copper-yellow	Tolerant of urban conditions. High resistance to bullet gall. Large root system requires large tree lawn.
Fagaceae	Quercus macrocarpa	JFS-KW14	Cobblestone Oak	3	Xeric	Intermediate	Intermediate	X	50	40	1257	Broad oval	Insignificant	1" Acorn	Dark green	Yellow	Bark displays more cork-like features than parent species.
Fagaceae	Quercus macrocarpa	JFS-KW3PP22815	Urban Pinnacle Oak	3	Xeric	Intermediate	Intermediate	X	50	20	314	Narrow pyramidal to oval	Insignificant	1/2" Acorn	Glossy dark green	Yellow	Tree features strong central leader.
Fagaceae	Quercus muehlenbergii		Chinkapin Oak	3	Mod	Intermediate	Intermediate		45	50	1963	Upright oval to rounded	Insignificant	1" Acorn	Yellow-green	Yellow	Tolerant of alkaline soils. Transplant in spring for best survival. Prune to develop central leader.
Fagaceae	Quercus muehlenbergii	Red Autumn	Red Autumn Chinkapin Oak	Insufficient Data at this time - If tree can be obtained, Forestry is open to permitting planting on trial basis									Insignificant	1" Acorn	Unknown	Unknown	Variety displays fall color than parent species.
Fagaceae	Quercus prinoides	Fort Lincoln	Prairie Pioneer Dwarf Chinkapin Oak	4	Xeric to Min	Unknown	Unknown		20	15	177	Upright	Yellow catkins in spring, insignificant	1/2"-3/4" Acorn	Glossy green	Yellow-brown	Depending on genetics, may be susceptible to bullet gall. Prune to develop single stem form. May have limited availability. Unproven in Denver region.
Fagaceae	Quercus prinus		Chestnut Oak	4	Min to Mod	Unknown	Unknown		50	50	1963	Pyramidal to oval-rounded	Insignificant	1-1/4" Acorn	Dark green	Orange-yellow	Tolerant of dry, rocky sites. Prefers well-drained soils. Chlorosis may be an issue. Unproven in Denver region as tolerance to alkaline soils is yet to be fully tested.
Fagaceae	Quercus robur		English Oak	5	Xeric to Min	Intermediate	Tolerant	X	50	40	1257	Oval to rounded	Insignificant	1"-1-1/4" Acorn	Dark green	Copper	Tolerant of urban conditions. Proven in Denver region. Kermes scale is an increasing issue.
Fagaceae	Quercus robur x alba	Crimschmidt PP9103	Crimson Spire Oak	4	Xeric to Min	Intermediate	Tolerant	X	45	15	177	Narrow Columnar	Insignificant	1"-1-1/2" Acorn	Dark green-blue green	Rusty red	Columnar hybrid of English and white oak. Tolerant of urban conditions. Proven in Denver region. Kermes scale may be an issue.
Fagaceae	Quercus robur x alba	Tabor PP21382	Forest Knight Oak	4	Xeric to Min	Intermediate	Tolerant		45	35	962	Broad oval	Insignificant	1"-1-1/2" Acorn	Glossy dark green	Orange-red	Columnar hybrid of English and white oak. Tolerant of urban conditions. Kermes scale may be an issue.
Fagaceae	Quercus robur x alba	JFS-KW2QX P.A.F.	Skinny Genes Oak	4	Xeric to Min	Intermediate	Tolerant		45	10	79	Narrow Columnar	Insignificant	1"-1-1/2" Acorn	Glossy dark green	Yellow	Narrowest form of columnar English & white oak hybrids. Tolerant of urban conditions. Kermes scale may be an issue.
Fagaceae	Quercus robur x alba	JFS-KW1QX	Streetspire Oak	4	Xeric to Min	Intermediate	Tolerant		45	12	113	Narrow Columnar	Insignificant	1"-1-1/2" Acorn	Dark green	Rusty red	Columnar hybrid of English and white oak. Tolerant of urban conditions. Leaves are not persistent. Highly resistant to storm damage. Kermes scale may be an issue.
Fagaceae	Quercus robur x bicolor	Nadler PP17604	Kindred Spirit Oak	4	Xeric to Min	Intermediate	Tolerant		30	6	28	Narrow Columnar	Insignificant	1"-1-1/2" Acorn	Green	Yellow-brown	Columnar hybrid of English and swamp white oak. Tolerant of urban conditions. Kermes scale may be an issue.
Fagaceae	Quercus robur x macrocarpa x muehlenbergii	Taylor	Triple Crown Oak	4	Xeric to Min	Intermediate	Tolerant		60	35	962	Upright oval	Insignificant	1"-1-1/2" Acorn	Glossy dark green	Unknown	Hybrid of English, chinkapin, and bur oak. Tolerant of urban conditions. Availability may be limited. Kermes scale may be an issue.
Fagaceae	Quercus robur	Asjes	Rosehill Oak	4	Xeric to Min	Intermediate	Tolerant		40	20	314	Narrow oval	Insignificant	1"-1-1/2" Acorn	Glossy green	Yellow	Columnar hybrid of English oak. Tolerant of urban conditions. Kermes scale may be an issue.
Fagaceae	Quercus robur	Fastigiata	Skyrocket Oak	5	Xeric to Min	Intermediate	Tolerant		45	15	177	Narrow columnar	Insignificant	1"-1-1/2" Acorn	Dark green	Yellow-brown	Columnar cultivar of English oak. Tighter growth habit than species. Tolerant of urban conditions. Kermes scale may be an issue.
Fagaceae	Quercus robur	Pyramich	Skymaster Oak	5	Xeric to Min	Intermediate	Tolerant		50	25	491	Narrow to pyramidal	Insignificant	1"-1-1/2" Acorn	Dark green	Yellow-brown	Cultivar of English oak displays pyramidal form. Very strong central leader. Tolerant of urban conditions. Kermes scale may be an issue.
Fagaceae	Quercus shumardii		Shumard Oak	5	Mod	Intermediate	Intermediate		60	40	1257	Pyramidal to oval	Insignificant	1/2" Acorn	Green	Orange-red	Due to large growth range, source as locally as possible for pH, drought, and hardiness tolerance. Large root system requires large tree lawn. Prune to develop central leader.

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															Spring	Fall	
Fagaceae	Quercus shumardii	Fort Collins Select	Fort Collins Select Shumard Oak	Insufficient Data at this time - If tree can be obtained, Forestry is open to permitting planting on trial basis									Insignificant	1/2" Acorn	Unknown	Unknown	Due to large growth range, source as locally as possible for pH, drought, and hardiness tolerance. Large root system requires large tree lawn. Prune to develop central leader.
Fagaceae	Quercus shumardii	Osage County	Osage County Shumard Oak	Insufficient Data at this time - If tree can be obtained, Forestry is open to permitting planting on trial basis									Insignificant	1/2" Acorn	Green	Deep red	Due to large growth range, source as locally as possible for pH, drought, and hardiness tolerance. Large root system requires large tree lawn. Prune to develop central leader.
Fagaceae	Quercus velutina		Northern Black Oak	4	Min to Mod	Unknown	Unknown		50	45	1590	Oval to rounded	Insignificant	3/4" Acorn	Dark green	Rusty red	Tolerant of clay soils. Chlorosis may be an issue. Unproven in Denver region as tolerance to alkaline soils is yet to be fully tested.
Fagaceae	Quercus x mizei		Colorado Foothills Oak	5	Xeric	Unknown	Unknown		35	35	962	Irregular rounded	Insignificant	3/4" Acorn	Dark green	Yellow	Hybrid of Gambel and bur oak. Root suckers may be an issue. Prune to develop single stem form.
Fagaceae	Quercus robur x warei	Long	Regal Prince Oak	4	Xeric to Min	Intermediate	Tolerant		45	18	254	Columnar to narrow oval	Insignificant	1"-1.5" Acorn	Glossy green	Yellow	Columnar hybrid of English and swamp white oak. Tolerant of urban conditions.
Fagaceae	Quercus undulata		Wavy Leaf Oak	4	Xeric to Min	unknown	Unknown	x	20	16	201	Upright rounded	Insignificant	1/2"-3/4" Acorn	Glossy blue-green	Yellow	Natural hybrid of Q. gambelli x Q. turbinella. Small, slow growing oak with similar form as Gambel Oak.
Fabaceae	Styphnolobium japonica		Japanese Pagodatree	5	Min	Intermediate	Intermediate	X	50	50	1963	Oval to rounded	White-light yellow in summer, showy	Elongated green pod & seeds, persistent	Green-blue green	Dull yellow	Tolerant of urban conditions, including heat, drought, and compacted soils. Transplant in spring for best survivability. Storm damage, canker, and twig blight may be issues. Formerly known as Sophora japonica.
Fabaceae	Styphnolobium japonica	Regent	Regent Japanese Pagodatree	5	Min	Intermediate	Intermediate	X	40	35	962	Spreading to rounded	Creamy white in summer, showy	Elongated green pod & seeds, persistent	Dark green	Yellow	Tolerant of urban conditions, including heat, drought, and compacted soils. Faster growing, improved growth habit, and greater disease resistance than parent species. Transplant in spring for best survivability. Storm damage may be an issue.
Fabaceae	Styphnolobium japonica	Halka	Millstone Japanese Pagodatree	5	Min	Intermediate	Intermediate	X	40	30	707	Broad oval to rounded	Creamy white in summer, showy	Elongated green pod & seeds, persistent	Dark green	Yellow	Tolerant of urban conditions, including heat, drought, and compacted soils. More upright branching habit than parent species. Greatest canker resistance of pagodatree species.
Oleaceae	Syringa pekinensis	Zhang Zhiming	Beijing Gold Tree Lilac	5	Xeric to Min	Tolerant	Tolerant	X	15	15	177	Upright spreading	Yellow clusters in summer, showy	Small, brown capsule in cluster, insignificant	Dark green	Golden yellow	Tolerant of urban conditions, including alkaline soils. Intolerant of poorly drained soils. Growth habit is more upright than other cultivars. Shiny, cinnamon-colored bark. Prune to develop single stem form and overhead clearance.
Oleaceae	Syringa pekinensis	Morton	China Snow Lilac	5	Xeric to Min	Tolerant	Tolerant	X	15	15	177	Upright spreading to rounded	Creamy white clusters in summer, showy	Small, brown capsule in cluster, insignificant	Dark green	Yellow	Tolerant of urban conditions, including alkaline soils. Intolerant of poorly drained soils. Exfoliating, amber-colored bark. Prune to develop single stem form and overhead clearance. Availability may be limited.
Oleaceae	Syringa pekinensis	DTR 124 PP8951	Summer Charm Lilac	3	Xeric to Min	Tolerant	Tolerant	X	15	12	113	Upright spreading	Creamy white clusters in summer, showy	Small, brown capsule in cluster, insignificant	Dark glossy green	Yellow	Tolerant of urban conditions, including alkaline soils. Intolerant of poorly drained soils. Prune to develop single stem form and overhead clearance.
Oleaceae	Syringa pekinensis	WFH2 P.A.F.	Great Wall Tree Lilac	3	Xeric to Min	Tolerant	Tolerant	X	17	10	79	Upright oval	White flowers in late spring, showy	Small, brown capsule in cluster, insignificant	Dark glossy green	Golden yellow	Tolerant of urban conditions, including alkaline soils. Intolerant of poorly drained soils. Cherry-like exfoliating bark. Prune to develop single stem form and overhead clearance. Availability may be limited.
Oleaceae	Syringa reticulata	Ivory Silk	Ivory Silk Tree Lilac	3	Xeric to Min	Tolerant	Tolerant	X	25	20	314	Upright to oval	Creamy white clusters in early summer, showy	Small, brown capsule in cluster, insignificant	Dark green	Yellow	Tolerant of urban conditions, including alkaline and clay soils. Showy, reddish-brown bark. Prune to develop single stem form and overhead clearance.
Oleaceae	Syringa reticulata ssp pekinensis	SunDak	Copper Curly Peking Tree Lilac	3	Xeric to Min	Tolerant	Tolerant	X	25	20	314	Upright to oval	Creamy white clusters in early summer, showy	Small, brown capsule in cluster, insignificant	Dark green	Yellow	Tolerant of urban conditions, including alkaline soils. Growth habit is more open than parent species. Exfoliating copper-colored bark. Prune to develop single stem form and overhead clearance. NDSU introduced - Availability may be limited.
Tiliaceae	Tilia americana	Boulevard	Boulevard Linden	3	Mod	Sensitive	Sensitive		45	20	314	Narrow pyramidal	Pale green in summer, fragrant	Insignificant	Green	Yellow	Flowers are significant source of nectar for bees. Intolerant of urban conditions, particularly heat. Not recommended for planting in or near hardscape. Prune to develop strong branching structure and overhead clearance.
Tiliaceae	Tilia americana	Continental Appeal	Continental Appeal Linden	4	Mod	Sensitive	Sensitive		45	23	415	Narrow oval to pyramidal	Pale green in summer, fragrant	Insignificant	Green w/ white underside	Yellow	Source and plant stock native to upper Midwest. Flowers are significant source of nectar for bees. Intolerant of heat. Not recommended for planting in or near hardscape. Prune to develop strong branching structure.

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Tiliaceae	Tilia americana	DTR 123	Legend Linden	4	Mod	Sensitive	Sensitive		35	25	491	Broad pyramidal	Pale green in summer, fragrant	Insignificant	Glossy green	Yellow	Flowers are significant source of nectar for bees. Intolerant of heat. Not recommended for planting in or near hardscape. Red buds & twigs provide winter interest. Cultivar is more resistant to rust than parent species. Prune to develop strong branching structure.
Tiliaceae	Tilia americana	McKSentry	American Sentry Linden	3	Mod	Sensitive	Sensitive		40	25	491	Pyramidal	Pale green in summer, fragrant	Insignificant	Green	Yellow	Flowers are significant source of nectar for bees. Intolerant of heat. Not recommended for planting in or near hardscape. Prune to develop strong branching structure and overhead clearance.
Tiliaceae	Tilia americana	Lincoln	Lincoln Linden	3	Mod	Sensitive	Sensitive		35	25	491	Compact pyramidal	Pale green in summer, fragrant	Insignificant	Dark green	Yellow	Flowers are significant source of nectar for bees. Intolerant of heat. Not recommended for planting in or near hardscape. Prune to develop strong branching structure and overhead clearance.
Tiliaceae	Tilia americana x euchlora	Redmond	Redmond Linden	3	Mod	Sensitive	Sensitive		40	30	707	Broad pyramidal	Pale green in summer, fragrant	Insignificant	Light green	Yellow	Flowers are significant source of nectar for bees. Intolerant of heat. Not recommended for planting in or near hardscape. Prune to develop strong branching structure and overhead clearance.
Tiliaceae	Tilia x euchlora		Crimean Linden	5	Mod	Sensitive	Sensitive		35	30	707	Broad pyramidal to oval	Pale green in summer, fragrant	Insignificant	Glossy green	Yellow-green to yellow	Flowers are significant source of nectar for bees. Intolerant of heat. Not recommended for planting in or near hardscape. Prune to develop strong branching structure and overhead clearance.
Tiliaceae	Tilia cordata	Baileyi	Shamrock Linden	4	Mod	Sensitive	Sensitive		40	30	707	Pyramidal	Pale green in summer, fragrant	Insignificant	Dark green	Yellow	Faster growth rate and more stout branching habit than Greenspire. Flowers are significant source of nectar for bees. Intolerant of heat. Not recommended for planting in or near hardscape. Prune to develop strong branching structure and overhead clearance.
Tiliaceae	Tilia cordata	Chancole	Chancellor Linden	3	Mod	Sensitive	Sensitive		35	20	314	Narrow Pyramidal	Pale green in summer, fragrant	Insignificant	Dark green	Yellow	Flowers are significant source of nectar for bees. Intolerant of heat. Not recommended for planting in or near hardscape. Prune to develop strong branching structure. Availability may be limited.
Tiliaceae	Tilia cordata	Corzam	Corinthian Linden	3	Mod	Sensitive	Sensitive		40	15	177	Narrow Pyramidal	Pale green in summer, fragrant	Insignificant	Dark green	Yellow	Narrowest cultivar of species. Flowers are significant source of nectar for bees. Intolerant of heat. Not recommended for planting in or near hardscape. Prune to develop strong branching structure.
Tiliaceae	Tilia cordata	Greenspire	Greenspire Linden	4	Mod	Sensitive	Sensitive		40	30	707	Pyramidal	Pale green in summer, fragrant	Insignificant	Dark green	Yellow	Flowers are significant source of nectar for bees. Intolerant of heat. Not recommended for planting in or near hardscape. Prune to develop strong branching structure and overhead clearance.
Tiliaceae	Tilia cordata	Halka PP10589	Summer Sprite Linden	4	Mod	Sensitive	Sensitive		20	15	177	Rounded Pyramidal	Pale green in summer, fragrant	Insignificant	Green	Yellow	Dwarf cultivar of species. Flowers are significant source of nectar for bees. Intolerant of heat. Not recommended for planting in or near hardscape. Prune to develop strong branching structure and overhead clearance.
Tiliaceae	Tilia cordata	Golden Cascade	Golden Cascade Linden	3a	Mod	Sensitive	Sensitive		40	27	573	Rounded pyramidal to cascading oval	Yellow in early summer, fragrant	Insignificant	Dark green	Yellow	Unique branching habit features gracefully weeping branches. Flowers are significant source of nectar for bees. Resistant to sunscald, however avoid planting in or near hardscape. Prune to develop strong branching structure and overhead clearance.
Tiliaceae	Tilia cordata x mongolica	Harvest Gold PP12232	Harvest Gold Linden	3	Mod	Unknown	Unknown		35	25	491	Pyramidal	Pale green in summer, fragrant	Insignificant	Dark green	Bright yellow	Hybrid of Mongolian and littleleaf linden. Flowers are significant source of nectar for bees. Hardier and faster growing than parent species. Intolerant of heat, not recommended for planting in or near hardscape. Prune to develop strong branching structure.
Tiliaceae	Tilia x flavescens	Glenleven	Glenleven Linden	3	Mod	Sensitive	Sensitive		45	25	491	Pyramidal to oval	Pale green in summer, fragrant	Insignificant	Green	Yellow	Faster growing & more open growth habit than Greenspire. Flowers are significant source of nectar for bees. Intolerant of heat, not recommended for planting in or near hardscape. Prune to develop strong branching structure.
Tiliaceae	Tilia tomentosa	Sterling	Sterling Silver Linden	5	Mod	Intermediate	Intermediate		40	30	707	Broad pyramidal	Pale green in summer, fragrant	Insignificant	Green w/ silver-gray underside	Yellow	Flowers are significant source of nectar for bees. Intolerant of heat, not recommended for planting in or near hardscape. Large root system requires large tree lawn. Prune to develop strong branching structure.

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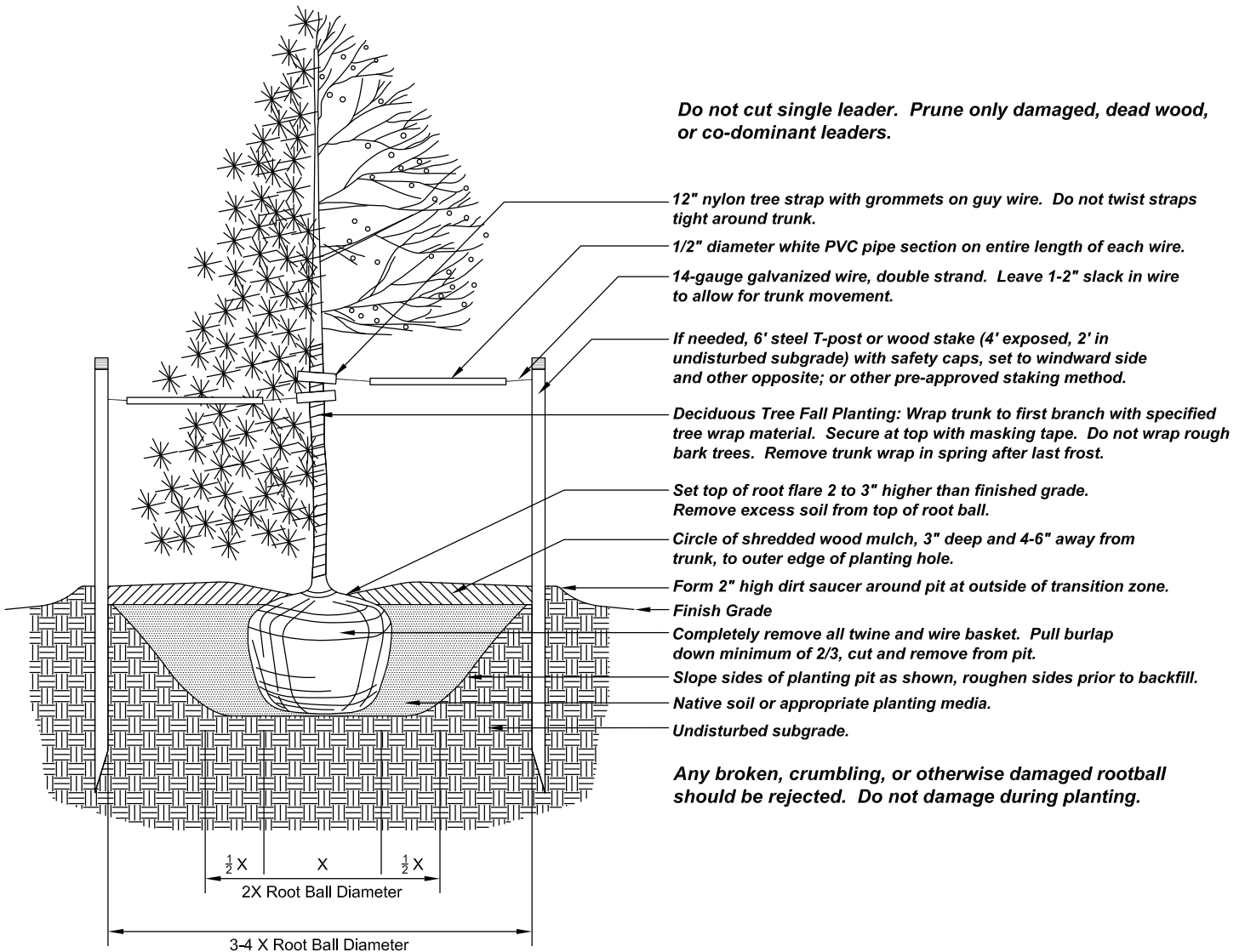
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															Spring	Fall	
Tiliaceae	Tilia tomentosa	PNI 6051	Green Mountain Linden	5	Mod	Intermediate	Intermediate		40	30	707	Broad pyramidal to oval	Pale green in summer, fragrant	Insignificant	Dark green w/ silver-white underside	Yellow	Flowers are significant source of nectar for bees. Intolerant of heat, not recommended for planting in or near hardscape. Large root system requires large tree lawn. Prune to develop strong branching structure.
Ulmaceae	Ulmus americana	JFS-Prince II	Colonial Spirit Elm	4	Mod	Intermediate	Intermediate	X	60	45	1590	Upright vase with arching limbs	Insignificant	Round to ovate samara, insignificant	Dark green	Yellow	Growth rate unknown. Resistant to Dutch elm disease. Resistance to elm leaf beetle and scale unknown. Strong branching structure. Availability may be limited. Unproven in Denver region.
Ulmaceae	Ulmus americana	New Harmony	New Harmony American Elm	4b	Mod	Intermediate	Intermediate	X	60	55	2376	Upright vase with arching limbs	Insignificant	Round to ovate samara, insignificant	Dark green	Yellow	Fast growth rate. Shallow root system. Dutch elm disease resistance higher than parent species. Per CSU elm trials, tree may be moderately resistant to scale. Resistance to elm leaf beetle unknown. Prune to develop strong branching structure.
Ulmaceae	Ulmus americana	New Horizon PP8684	New Horizon Elm	4	Mod	Intermediate	Intermediate	X	50	35	962	Upright oval with arching limbs	Insignificant	Round to ovate samara, insignificant	Dark green	Yellow	Cold hardy, slower growing cultivar. Tolerant of urban conditions. Very high Dutch elm disease resistance. Per CSU elm trials, tree may be moderately resistant to scale. Resistance to elm leaf beetle unknown. Prune to develop strong branching structure.
Ulmaceae	Ulmus americana	Jefferson	Jefferson Elm	4	Mod	Intermediate	Intermediate	X	60	40	1257	Vase with arching limbs	Insignificant	Fruitless	Dark green	Yellow	Tolerant of urban conditions. High Dutch elm disease resistance. Resistance to scale & elm leaf beetle unknown. Leaves persist later than other elms. U-shaped branch unions, however prune to develop strong branching structure. Unproven in Denver region. Availability may be limited.
Ulmaceae	Ulmus americana	Lewis & Clark	Prairie Expedition American Elm	2b	Mod	Intermediate	Intermediate	X	55	50	1963	Broad rounded to vase with arching limbs	Insignificant	Round to ovate samara, insignificant	Dark green	Yellow	Cold hardy, fast growing cultivar. Tolerant of urban conditions. Resistant to Dutch elm disease. Susceptible to scale. Resistance to elm leaf beetle unknown. Prune to develop strong branching structure.
Ulmaceae	Ulmus americana	Princeton	Princeton American Elm	4	Mod	Intermediate	Intermediate	X	60	45	1590	Upright vase	Insignificant	Round to ovate samara, insignificant	Dark glossy green	Yellow	Fast growing cultivar. Resistant to Dutch elm disease and elm leaf beetle. Per CSU elm trials, tree may be susceptible to scale. Prune to develop strong branching structure.
Ulmaceae	Ulmus americana	Scale Buster	Scale Buster American Elm	Insufficient Data at this time - If tree can be obtained, Forestry is open to permitting planting on trial basis								Upright vase with arching limbs	Insignificant	Round to ovate samara, insignificant	Dark green	Yellow	Dutch elm disease and elm leaf beetle resistance is unknown. Resistant to scale. Prune to develop strong branching structure.
Ulmaceae	Ulmus americana	Valley Forge	Valley Forge American Elm	5	Mod	Intermediate	Intermediate	X	60	60	2827	Broad vase with arching limbs	Insignificant	Round to ovate samara, insignificant	Green	Yellow	Fast growing cultivar. Highest Dutch elm disease resistance of American elms. Per CSU elm trials, tree may be susceptible to scale. Resistance to elm leaf beetle unknown. Prune to develop strong branching structure.
Ulmaceae	Ulmus glabra x carpinifolia	Pioneer	Pioneer Elm	4	Mod	Tolerant	Tolerant	X	50	45	1590	Rounded	Insignificant	Round to ovate samara, insignificant	Dark green	Yellow	Resistant to Dutch elm disease. Highly susceptible to elm leaf beetle. Per CSU elm trials, tree may be susceptible to scale. Prune to develop strong branching structure.
Ulmaceae	Ulmus davidiana		David Elm	3	Mod	Unknown	Unknown		40	30	707	Upright vase	Insignificant	Round to ovate samara, insignificant	Green	Yellow	Cold hardy. Resistant to Dutch elm disease and elm leaf beetle. Resistance to scale unknown. Prune to develop strong branching structure. Unproven in Denver region.
Ulmaceae	Ulmus davidiana	JFS KW2UD	Greenstone Elm	4	Mod	Unknown	Unknown		55	35	962	Upright vase	Insignificant	Round to ovate samara, insignificant	Green	Yellow	Cold hardy. Resistant to Dutch elm disease. Resistance to elm leaf beetle and scale unknown. Branching structure features open branch angles. Pruning to develop strong branching structure may be necessary. Availability may be limited. Unproven in Denver region.
Ulmaceae	Ulmus davidiana var. japonica	Discovery	Discovery Elm	3	Mod	Tolerant	Tolerant		40	30	707	Upright oval to arching vase	Insignificant	Round to ovate samara, insignificant	Dark green	Yellow	Slow growing, cold hardy variety. Resistant to Dutch elm disease and elm leaf beetle. Resistance to scale unknown. Large root system requires large tree lawn. Growth habit requires consistent crown-thinning. Prune to develop strong branching structure.
Ulmaceae	Ulmus davidiana var. japonica	Freedom	Freedom Elm	3	Mod	Tolerant	Tolerant		36	27	573	Upright vase	Insignificant	Round to ovate samara, insignificant	Dark green	Yellow	Fast growing, cold hardy variety. Resistance to Dutch elm disease, scale, and elm leaf beetle unknown. Prune to develop strong branching structure. Availability may be limited.
Ulmaceae	Ulmus davidiana var. japonica	Burgundy Glow	Northern Empress Japanese Elm	3	Mod	Tolerant	Tolerant		28	24	452	Rounded, open	Insignificant	Round to ovate samara, insignificant	Green	Red	Medium growth rate. Resistant to Dutch elm disease and elm leaf beetle. Resistance to scale unknown. Prune to develop strong branching structure.

Denver Office of the City Forester Approved Street Tree List

Updated March 2017

Family	Botanical Name	Acceptable Cultivar	Common Name	Hardiness Zone	Moisture Level	Soil Salt Tolerance	Aerosol Salt Tolerance	Water Quality Area	Height @ Maturity	Canopy Spread @ Maturity	Canopy Area @ Maturity	Growth Form/Shape	Flowers	Fruits	Leaf Color - Spring/Fall		Additional Notes (includes compaction/tolerances/restrictions)
															Spring	Fall	
Ulmaceae	Ulmus (japonica x wilsoniana Morton) x (pumila x carpinifolia)	Morton Stalwart	Commendation Elm	5	Min to Mod	Tolerant	Tolerant		50	40	1257	Upright oval	Insignificant	Round to ovate samara, insignificant	Dark green	Yellow	Fast growth rate, but easier to maintain good branching form than other hybrids. Resistant to Dutch elm disease. Susceptible to elm leaf beetle. Per CSU elm trials, tree shows high scale resistance. Tolerant of urban conditions. Large root system requires large tree lawn. Prune to develop strong branching structure.
Ulmaceae	Ulmus japonica x wilsoniana	Morton	Accolade elm	4	Min to Mod	Intermediate	Intermediate	X	60	50	1963	Vase with arching limbs	Insignificant	Round to ovate samara, insignificant	Dark glossy green	Yellow	Cold hardy. Resistant to Dutch elm disease and elm leaf beetle. Per CSU elm trials, tree shows high scale resistance. Prune to develop strong branching structure.
Ulmaceae	Ulmus japonica x wilsoniana	Morton Red Tip	Danada Charm elm	4	Min to Mod	Intermediate	Intermediate		60	50	1963	Upright vase with arching limbs	Insignificant	Round to ovate samara, insignificant	Emerges red-tinged turning dark green	Yellow	Resistant to Dutch elm disease. Susceptible to elm leaf beetle. Per CSU elm trials, tree may be moderately resistant to scale. Prune to develop strong branching structure.
Ulmaceae	Ulmus parvifolia	Emer II PP7552	Allee Lacebark Elm	5	Mod	Intermediate	Intermediate	X	45	30	707	Upright vase with arching limbs	Insignificant	Round to ovate samara, insignificant	Green	Orange-red	High resistance to Dutch elm disease and elm leaf beetle. Resistance to scale unknown. Thin, showy bark. Prune to develop strong branching structure.
Ulmaceae	Ulmus parvifolia	Emer I PP7551	Athena Lacebark Elm	5	Mod	Intermediate	Intermediate	X	28	30	707	Broad rounded, compact	Insignificant	Round to ovate samara, insignificant	Glossy green	Yellow	High resistance to Dutch elm disease and elm leaf beetle. Resistance to scale unknown. Thin, showy bark. Prune to develop strong branching structure. Unproven in Denver region.
Ulmaceae	Ulmus parvifolia	Dynasty	Dynasty Elm	5	Mod	Intermediate	Intermediate	X	35	35	962	Vase	Insignificant	Round to ovate samara, insignificant	Green	Yellow-orange	Fast growth rate. Resistance to Dutch elm disease, scale, and elm leaf beetle unknown. Prune to develop strong branching structure. Availability may be limited. Unproven in Denver region.
Ulmaceae	Ulmus parvifolia	A. Ross Central Park	Central Park Splendor Elm	5	Mod	Tolerant	Tolerant	X	35	30	707	Broad rounded vase	Insignificant	Round to ovate samara, insignificant	Green	Yellow to red-purple	Hardest cultivar of species. Excellent resistance to Dutch elm disease and elm leaf beetle. Resistance to scale unknown. Tolerant of urban conditions. Prune to develop strong branching structure.
Ulmaceae	Ulmus parvifolia	Will Rogers	Will Rogers Elm	Insufficient Data at this time - If tree can be obtained, Forestry is open to permitting planting on trial basis									Insignificant	Round to ovate samara, insignificant	Unknown	Unknown	Cold hardy. Resistance to Dutch elm disease, scale, and elm leaf beetle unknown. Prune to develop strong branching structure. Availability may be limited. Unproven in Denver region.
Ulmaceae	Ulmus parvifolia	Corticoza	Cork Bark Elm	6	Mod	Intermediate	Intermediate	X	40	40	1257	Vase	Insignificant	Round to ovate samara, insignificant	Dark green	Orange	Resistance to Dutch elm disease, scale, and elm leaf beetle unknown. Prune to develop strong branching structure. Cold hardiness may be an issue. Availability may be limited. Unproven in Denver region.
Ulmaceae	Ulmus parvifolia	Emerald Prairie	Emerald Prairie Elm	5	Mod	Intermediate	Intermediate	X	35	27	573	Upright spreading, arching vase	Insignificant	Round to ovate samara, insignificant	Dark green	Yellow	Cold hardy. Drought & heat tolerant. Resistant to Dutch elm disease and elm leaf beetle. Resistance to scale unknown. Prune to develop strong branching structure. KSU introduced - Availability may be limited. Unproven in Denver region.
Ulmaceae	Ulmus propinqua	JFS-Bieberich	Emerald Sunshine Elm	5	Min to mod	Intermediate	Intermediate		30	20	314	Vase	Insignificant	Round to ovate samara, insignificant	Emerges copper bronze turning dark green	Yellow	Slow growth rate. Resistant to Dutch elm disease and elm leaf beetle. Resistance to scale unknown. Tolerant of urban conditions, including heat and drought. Prune to develop strong branching structure.
Ulmaceae	Ulmus pumila x japonica	Morton Plainsman	Vanguard Elm	4	Min to mod	Tolerant	Tolerant		45	40	1257	Rounded vase	Insignificant	Round to ovate samara, insignificant	Green	Yellow	Fast growth rate. Resistant to Dutch elm disease. Resistance to elm leaf beetle unknown. Per CSU elm trials, tree shows high scale resistance. Tolerant of urban conditions. Prune to develop strong branching structure.
Ulmaceae	Ulmus pumila x hollandica x carpinifolia	Homestead	Homestead Elm	5	Min to mod	Tolerant	Tolerant		50	30	707	Pyramidal to oval	Insignificant	Round to ovate samara, insignificant	Dark green	Yellow	Fast growth rate. Resistant to Dutch elm disease. Susceptible to elm leaf beetle. Per CSU elm trials, tree may be moderately resistant to scale. Prune to develop strong branching structure.
Ulmaceae	Ulmus pumila x japonica x wilsoniana	Morton Glossy	Triumph elm	4	Min to mod	Tolerant	Tolerant	X	50	40	1257	Upright oval to vase	Insignificant	Round to ovate samara, insignificant	Dark glossy green	Yellow	Cold hardy. Excellent resistance to Dutch elm disease. Resistant to elm leaf beetle. Per CSU elm trials, tree may be moderately resistant to scale. Prune to develop strong branching structure.
Ulmaceae	Ulmus wilsoniana Prospector	Prospector	Prospector Elm	4b	Mod	Tolerant	Tolerant	X	35	27	573	Dense vase	Insignificant	Round to ovate samara, insignificant	Emerges orange-red turning dark green	Yellow	Resistant to Dutch elm disease and elm leaf beetle. Per CSU elm trials, tree shows high scale resistance. Prune to develop strong branching structure.
Ulmaceae	Ulmus (wilsoniana x pumila Accolade) x carpinifolia x glabra	Patriot	Patriot Elm	4	Mod	Tolerant	Tolerant	X	45	35	962	Upright, narrow vase	Insignificant	Round to ovate samara, insignificant	Dark green	Yellow	Fast growth rate. Highly resistant to Dutch elm disease. Per CSU elm trials, tree may be susceptible to scale. Not as drought tolerant as other hybrids. Prune to develop strong branching structure.
Ulmaceae	Ulmus x 'Cathedral'	Cathedral	Cathedral Elm	4	Min to Mod	Intermediate	Intermediate		40	35	962	Vase	Insignificant	Round to ovate samara, insignificant	Med to light Green	Yellow-Orange-Brown	Moderate resistance to Dutch elm disease. Resistant to elm leaf beetle. Resistance to scale unknown. Prune to develop strong branching structure. Unproven in Denver region.



Trees planted upon park land, public property, or within the Public Right of Way (PRW) are subject to the following restrictions:

- An approved planting permit from the Office of the City Forester (OCF), regardless of approved plans, is required prior to planting.
- Administrative citations up to \$999 shall be issued for trees planted without an OCF issued permit.
- Only tree species approved by or listed on the OCF's approved street tree list shall be planted in the PRW.
- For a list of prohibited or suspended PRW trees, contact or visit the OCF website.
- If overhead utility wires exist in the PRW, only ornamental or trees maturing at 20 (twenty) feet maximum height shall be planted.
- Trees shall be centered in tree lawns and/or planting areas.
- Trees shall not be planted in tree lawns less than five feet wide unless authorized by the OCF.
- Where sidewalks are not present, trees shall be located as designated by Office of the City Forester.
- Planting in corner triangle formed by the first 30 (thirty) feet along the PRW in each direction from the corner is not permitted.
- Planting within 10 (ten) feet of alleys, driveways, or fire hydrants is not permitted.
- Planting within 20 (twenty) feet of stop signs is not permitted.
- Planting within 25 (twenty-five) feet of street lights is not permitted.
- Planting within five feet of water meters or pits is not permitted.
- Large shade trees shall be spaced 35 (thirty-five) feet o.c. and ornamental trees 25 (twenty-five) feet o.c. or as designated by OCF.
- Trees shall be pruned to maintain a clearance of 13'-6" over streets and alleys and 6'-6" over remaining portions of PRW, including sidewalk.

Prior to digging, the Utility Notification Center of Colorado shall be contacted at 811 to locate underground utilities.

REVISIONS	MARK	BULLETIN	DATE	PREPARED BY OFFICE OF THE CITY FORESTER, DENVER PARKS AND RECREATION DEPARTMENT	CITY AND COUNTY OF DENVER 201 W. COLFAX AVE. DENVER, COLORADO 80202	STANDARD RESIDENTIAL TREE PLANTING DETAIL FOR SOD AREA OR TREE LAWN	NOT TO SCALE
							DATE: 3/13/17
							DIAGRAM P-1.A