

Qualified Trees for Site, Street & Yard

4/26/2017

UDC Section 430.090 - Planting List

This list offers trees that will satisfy UDC Chapter 430 requirements pertaining to establishment of trees in commercial and residential landscapes. Please contact the Community Development Department with any inclusions or substitutions. Contact the Parks & Recreation Department at (816) 322-2791 to find procedures for establishment of trees on public lands and right of way. A summary of UDC requirements and excerpts from the 'Tree Management Strategic Plan' are provided at the end of this report for convenience.

Key	Selection Criteria
recommended	These trees tolerate of a wide range of soil & environmental conditions, are relatively pest free, and have a desirable growth habit. Cultivated varieties are superior to species and should be used when listed.
marginal	These trees will thrive with careful site selection and attention to cultivation.
not qualified or prohibited	Undesireable qualities include; inadequate canopy, short lived, unsustainable with out chemical application, susceptible to structural failure, ready host to disease or toxicity to humans or pets.

* Asteric next to the common name denotes ornamental tree (smaller than 30' mature canopy)

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Amelanchier laevis 'Prince Charles'	* Allegheny Serviceberry	marginal <i>Cultivars superior to species, understory tree. Needs moisture.</i>	recommended	recommended
Thuja occidentalis 'Dark green', 'Degroot's Spire', 'Nigra' or 'Green Giant'	* American Arborvitae	prohibited	recommended	recommended
Thuja occidentalis	American Arborvitae	prohibited <i>turns brown-green in winter</i>	recommended	recommended
Fagus grandifolia	American Beech	marginal <i>Requires rich & moist soil that is neutral to acid. Intolerant of heavy compacted soils.</i>	marginal	marginal
Sambucus canadensis	* American Elder	prohibited <i>'Aurea' possible selection. Only single stem acceptable, susceptible to wind damage.</i>	marginal	marginal
Ilex opaca	* American Holly	prohibited <i>Species vary by cultivar, selection must reach 25-30'</i>	recommended	recommended
Ostrya virginiana	American Hophornbeam	recommended <i>Tolerates partial shade</i>	recommended	recommended

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Carpinus caroliniana	* American Hornbeam or Musclemwood	recommended <i>Underplanted, slow growing, shade and wet soil tolerant. Aka Musclemwood.</i>	recommended	recommended
Platanus occidentalis	American Sycamore	marginal <i>Highly susceptible to anthracnose, London plane is more resistant</i>	not qualified	not qualified
Prunus maackii	* Amur Chokecherry	recommended <i>Choose multi-stem habit since bark is most attractive feature</i>	recommended	recommended
Phellodendron amurense	Amur Corktree	recommended <i>Dioecious, females bear strongly scented black fruit.</i>	recommended	recommended
Maackia amurensis	* Amur Maackia	recommended <i>Hardy, slow growing, legume family</i>	recommended	recommended
Acer ginnala <i>'Red Fruit' or 'Flame'</i>	* Amur Maple	recommended <i>Cultivars far superior to species, for ornamental value</i>	recommended	recommended
Amelanchier x grandiflora <i>'Autumn Brilliance'</i>	* Apple Serviceberry	recommended <i>Cross between a.arborea & a.laevis</i>	recommended	recommended
Pinus nigra	Austrian Pine	prohibited <i>Grow in moist, well-drained loams in full sun. Like all pines, prefer cool summer climates. Plant were micro-conditions exist.</i>	marginal	marginal
Taxodium distichum	Bald Cypress	recommended <i>Tolerates compacted or wet soils & drought. Mites, chlorosis.</i>	recommended	recommended
Abies balsamea	Balsam Fir	prohibited <i>requires rich, consistently moist & slightly acidic, well drained soil</i>	marginal	recommended
Tilia americana	Basswood	recommended <i>least adaptable of the lindens, best for naturalizing. Tilia x redmond far better selection</i>	marginal	marginal
Prunus serotina	Black Cherry	marginal <i>Cherries are susceptible to a large number of insect and disease pests</i>	marginal	marginal
Nyssa sylvatica	Black Gum	recommended <i>Can be difficult to establish</i>	recommended	recommended

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Picea glauca 'Densata'	Black Hills Spruce	prohibited <i>Best performance is in cold winter climates with cool summers</i>	recommended	recommended
Robinia pseudocacia	Black Locust	prohibited <i>Native with highly fragrant flowers in June. Not a tree for residential or commercial landscapes. Useable on extremely difficult sites since it tolerates dry sterile soils.</i>	marginal	marginal
Quercus velutina	Black Oak	recommended <i>lends itself easily to hybridization, resulting in several named hybrids</i>	recommended	recommended
Juglans nigra	Black Walnut	prohibited <i>Should be preserved in nature, difficult to grow desirable specimens</i>	not qualified	not qualified
Fraxinus quadrangulata	Blue Ash	prohibited <i>Limit future use due to emerald ash borer. Hybrid of Green & White.</i>	not qualified	not qualified
Picea pungens f. glauca 'Baby Blueeyes', 'Fat Albert', 'Foxtail', 'Hoopsii'	Blue Colorado Spruce	prohibited	recommended	recommended
Pinus heldreichii	Bosnian Pine	prohibited <i>Pinus leucodermis considered synonymous with this species</i>	recommended	recommended
Acer negundo	Box Elder spp.	prohibited <i>Fast and weak, susceptible infestations</i>	not qualified	not qualified
Magnolia grandiflora 'Bracken's Brown Beauty'	Bracken's Brown Magnolia	marginal <i>Fleshy roots, does not do well in extended drought</i>	recommended	recommended
Pyrus calleryana	Bradford Pear	prohibited <i>Environmentally invasive, 'Bradford' variety is structurally weak</i>	not qualified	not qualified
Quercus macrocarpa	Bur Oak	recommended <i>Site for longevity</i>	recommended	recommended
Tsuga canadensis	Canadian Hemlock	prohibited <i>Intolerant of drought and poisonous</i>	marginal	marginal

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Catalpa spp.	Catalpa spp.	prohibited <i>Large flowering tree, long lived with careful situation</i>	marginal	recommended
Quercus prinus	Chestnut Oaks	recommended	recommended	recommended
Chionanthus retusus	* Chinese Fringe Tree	recommended <i>Beautiful in bloom and can have spectacular fall color as well</i>	recommended	recommended
Juniperus chinensis 'Keteleeri'	Chinese Juniper	prohibited <i>tolerates clay, must verify that variety will reach average height of shade tree (35') to qualify for credit</i>	recommended	recommended
Quercus muehlenbergii	Chinkapin Oak	recommended <i>Unique</i>	recommended	recommended
Prunus virginiana 'Canada Red' or 'Schubert'	* Chokecherry (var.)	prohibited	marginal	recommended
Picea pungens	Colorado Spruce	prohibited <i>Varieties vary in size and longevity</i>	recommended	recommended
Cornus mas	* Cornelian-Cherry Dogwood	marginal <i>Susceptible to disease when stressed. Prefers moist, organically rich soils</i>	recommended	marginal
Magnolia acuminata	Cucumber Tree / Blue Magnolia	marginal <i>Fleshy roots, does not do well in extended drought</i>	recommended	recommended
Pseudotsuga menziesii	Douglas Fir	prohibited <i>Best grown in northern/northwestern climates, struggle here where drought is common</i>	marginal	marginal
Amelanchier arborea	* Downy Serviceberry	recommended <i>Serviceberry may be an alternative to Malus spp with proper site/cultivation selection</i>	recommended	recommended
Cercis canadensis 'Forest Pansy' or 'Oklahoma' or 'Royal White'	* Eastern Redbud	recommended <i>Prune to avoid structural weakness that tends to make this species short lived when planted out in the open, native to edge habitat</i>	recommended	recommended
Juniperus virginiana	Eastern Redcedar	prohibited	recommended	recommended

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
<i>'Burkii', 'Caneartii', 'Hillspire', 'Taylor'</i>				
		<i>Species varieties vary widely in size and longevity. Cultivars are most suitable</i>		
Pinus strobus <i>'Pendula'</i>	Eastern White Pine	prohibited	recommended	recommended
		<i>Susceptible to White Pine Blight for in urban conditions for unknown reasons. Fast growing & long lived.</i>		
Ulmus spp.	Elm spp.	prohibited	not qualified	not qualified
		<i>Must monitor for Dutch Elm Disease</i>		
Crataegus laevigata <i>'Crimson Cloud'</i>	* English Hawthorn	marginal	marginal	recommended
		<i>Showy in spring, susceptible to rust and fireblight & powdery mildew. Best grown in moist but well-drained soil in full sun</i>		
Ilex aquifolium	* English Holly	prohibited	recommended	recommended
		<i>Species vary by cultivar, selection must reach 25-30'</i>		
Quercus robur <i>'Attention', 'Pyramich' or 'Skymaster'</i>	English Oak	recommended	recommended	recommended
		<i>Site for longevity, intolerant of wet sites though very adaptable</i>		
Fagus sylvatica <i>'Asplenifolia', 'Riversii', 'Purpurea Tricolor' or 'Roseo-marginata', Spp.</i>	European Beech	recommended	recommended	recommended
		<i>Rewards careful site selection. Requires rich & moist soil that is neutral to acid. Intolerant of heavy compacted soils.</i>		
Prunus padus	European Birdcherry	recommended	recommended	recommended
		<i>Very adaptable, full sun to part shade. Fruit quickly taken by birds.</i>		
Betula pendula	* European White Birch	prohibited	marginal	marginal
		<i>Potential to thrive in medium to wet conditions</i>		
Prunus spp.	Flowering Cherry	recommended	recommended	recommended
		<i>Select species & varieties resistant to pests & disease</i>		
Malus spp.	Flowering Crabapple / Apple	recommended	recommended	recommended
		<i>Too many too list, characteristics vary widely by cultivar. Selections should be resistant to scab and fire blight.</i>		
Cornus florida	* Flowering Dogwood	recommended	recommended	marginal
		<i>Susceptible to disease when stressed. Prefers moist, organically rich soils</i>		
Abies fraseri	Frazier Fir	prohibited	marginal	recommended

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
				<i>requires rich, consistently moist & slightly acidic, well drained soil</i>
Acer x freemanii <i>'Armstrong', 'Scarson' or 'Autumn Blaze'</i>	Freeman Maple	recommended	recommended	recommended
		<i>Symmetrical habit, protect from leaf scald</i>		
Chionanthus virginicus	* Fringe Tree	recommended	recommended	recommended
		<i>Native to Missouri, most often occurs in rich moist woods and hillsides. Males are showier.</i>		
Ginkgo biloba <i>'Fairmont', 'Princeton Sentry' or 'Autumn Gold'</i>	Ginkgo (Maidenhair Tree)	recommended	recommended	recommended
		<i>Limit females to avoid messy fruit</i>		
Tilia x flavescens <i>'Glenleven'</i>	Glenleven Linden	recommended	recommended	recommended
		<i>Fast growing, hybrid T.americana and T.cordota</i>		
Keolreuteria paniculata	* Golden Rain Tree	recommended	recommended	recommended
		<i>Uurban tolerant and widely adaptable.</i>		
Fraxinus pennsylvanica	Green Ash	prohibited	not qualified	not qualified
		<i>Limit future use due to emerald ash borer. Most pest prone of species</i>		
Crataegus viridis <i>'Winter King'</i>	* Green Hawthorn	marginal	recommended	recommended
		<i>One of the best hawthorns cultivated for landscape purposes</i>		
Celtis occidentalis <i>'Prairie Pride'</i>	Hackberry	prohibited	not qualified	marginal
		<i>Cultivars resistant to witches broom are better selections, still fruit can be a problem</i>		
Eucommia ulmoides	* Hardy Rubber Tree	recommended	recommended	recommended
		<i>No proven urban tolerance or fall color</i>		
Acer campestre <i>'Evelyn'</i>	Hedge Maple	recommended	not qualified	marginal
		<i>Samaras appear weedy in spring and fall color is unreliable. Suckers and low branching make this a poor selection in general.</i>		
Carya spp.	Hickory spp.	prohibited	marginal	not qualified
		<i>Not a good tree for general use (specimen)</i>		
Ilex sp.	* Holly	prohibited	recommended	recommended
		<i>Species vary by cultivar, selection must reach 25-30'</i>		

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Aesculus hippocastanum 'Baumannii'	Horsechestnut	recommended <i>Prefers fertile soils, this a selection with double flowers and fewer fruit</i>	marginal	recommended
Calocedrus decurrens	* Incense Cedar	prohibited	recommended	recommended
Pinus banksiana	Jack Pine	prohibited <i>Scrubby northern pine. hot summers, soils and general environmental conditions do not favor most pines.</i>	marginal	marginal
Pinus thunbergii	Japanese Black Pine	prohibited <i>Environmental conditions do not favor most conifers</i>	marginal	marginal
Acer palmatum	* Japanese Maple	marginal <i>Careful site selection needed, very small cultivars will not suit</i>	recommended	recommended
Syringa reticulata 'Summer Snow', 'Ivory Silk'	* Japanese Tree Lilac	recommended <i>Largest of tree lilacs. 'Ivory Silk' another slightly smaller option.</i>	recommended	recommended
Pinus parviflora	Japanese White Pine	prohibited <i>Like all pines, prefers cool summers.</i>	recommended	recommended
Taxus cuspidata 'Green Giant'	Japanese Yew	prohibited <i>Susceptible to winter burn. Size varies widely by cultivar</i>	recommended	recommended
Cercidiphyllum japonicum	Katsura Tree	recommended <i>Shallow roots, under planted</i>	recommended	recommended
Gymnocladus dioicus 'Stately Manor'	Kentucky Coffee Tree	recommended <i>Plant male only (avoid poison, messy pods). Some cultivars not qualified.</i>	recommended	recommended
Acer pseudosieboldianum	* Korean Maple	prohibited <i>Avoid hot dry windy sites</i>	marginal	recommended
Pinus koraiensis	Korean Pine	prohibited <i>Grow in moist, well-drained loams in full sun. Like all pines, prefer cool summer climates. Plant were micro-conditions exist.</i>	marginal	marginal
Cornus kousa	* Kousa Dogwood	marginal	recommended	recommended

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
		<i>Most adaptable of dogwoods</i>		
Ulmus parvifolia 'Dynasty'	Lacebark Elm	recommended	recommended	recommended
		<i>Improved resistance to disease & pests.</i>		
Pinus bungeana	Lacebark Pine	prohibited	recommended	recommended
		<i>Like all pines, prefers cool summers and moisture. Not a long lived tree in this climate</i>		
Pinus flexilis	Limber Pine	prohibited	recommended	recommended
		<i>'Vanderwolf's Pyramid' is a plant of merit in MO</i>		
Tilia cordata 'Glenleven' or 'Greenspire'	Little Leaf Linden	recommended	recommended	recommended
		<i>Uniform habit. Tolerates drought, heat and pollution.</i>		
Pinus taeda	Loblolly Pine	prohibited	recommended	recommended
		<i>Like all pines, prefers cool summers and moisture. Not a long lived tree in this climate</i>		
Platanus x acerifolia 'Liberty', 'Columbia' or 'Bloodgood'	London Planetree	recommended	recommended	recommended
		<i>Cultivars resistant to anthracnose</i>		
Magnolia x loebneri 'Merrill'	* Merrill Magnolia	recommended	recommended	recommended
		<i>Fragrant, comparable to M.stellata but larger and more adaptable</i>		
Albizia julibrissin	* Mimosa	prohibited	not qualified	not qualified
		<i>Attractive but inferior landscape tree, invasive</i>		
Acer miyabei 'State Street' or 'Morton'	Miyabei Maple	recommended	recommended	recommended
		<i>'Morton' the Chicago original</i>		
Sorbus aucuparia	Mountain Ash	prohibited	marginal	marginal
		<i>Generally not a good selection for this climate</i>		
Morus alba or rubra	* Mulberry spp.	prohibited	not qualified	not qualified
		<i>Staining fruit widely dispersed by birds</i>		
Abies homolepis	Nikko Fir	prohibited	marginal	recommended
		<i>easily grown in average soils, but thrives in cool climates</i>		

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Quercus rubra	Northern Red Oak	recommended <i>Tolerates urban conditions & transplant well</i>	recommended	recommended
Acer platanoides <i>'Superform', 'Globe', 'Emerald Queen' or 'Crimson King'</i>	Norway Maple (var.)	marginal <i>Shallow roots, at least 8' planting strip. Cultivars are superior to species.</i>	recommended	recommended
Acer platanoides	Norway Maple spp.	prohibited	not qualified	not qualified
Pinus resinosa	Norway Pine	prohibited <i>Best growth in geographic areas with cool summers and cold winters.</i>	recommended	recommended
Picea abies	Norway Spruce	prohibited	recommended	recommended
Aesculus glabra	Ohio Buckeye	recommended <i>Intolerant of urban conditions, requires rich soil with adequate moisture. Suitable for large areas where the nuts will not create a litter problem.</i>	not qualified	recommended
Maclura pomifera	Osage-Orange	prohibited <i>Dioecious, Female trees are generally not recommended for landscape use because the fruits pose a considerable litter problem</i>	not qualified	marginal
Cornus alternifolia	* Pagoda Dogwood	marginal <i>Prefers moist organically rich soils, shade from afternoon sun.</i>	recommended	marginal
Betula papyrifera	Paper Birch	prohibited <i>Grows poorly and is generally short lived in this climate</i>	not qualified	not qualified
Parrotia persica	* Persian Parrotia	recommended	recommended	recommended
Dispyros virginiana	Persimmon	prohibited <i>Large tree that produces an edible food crop</i>	marginal	recommended
Quercus palustris	Pin Oak	recommended <i>Overplanted</i>	recommended	recommended
Prunus cerasifera	* Plum	recommended	recommended	recommended

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
'Newport', 'Thundercloud', 'Crimson Point'				
		<i>Only cultivar with proven urban tolerance. Overused and short lived.</i>		
Pinus ponderosa	Ponderosa Pine	prohibited	recommended	recommended
		<i>Dominant pine of the western US, grows best at higher elevations. Like all pines, typically struggles in this part of the midwest.</i>		
Populus spp.	Poplar spp.	prohibited	not qualified	not qualified
		<i>Fast and weak, uncultivated species produce nuisance seed</i>		
Quercus stellata	Post Oak	recommended	recommended	recommended
Aesculus x carnea	Red Horsechestnut	recommended	marginal	recommended
		<i>Hybrid between Horsechestnut and Red Buckeye</i>		
Acer rubrum 'Autumn Flame', 'Franksred', 'October Glory' or 'Red Sunset'	Red Maple	recommended	recommended	recommended
		<i>Widespread availability tend to lead to over planting. Cultivars vary widely in size & form.</i>		
Tilia x redmond	Redmond Linden	recommended	recommended	recommended
		<i>Flowers in june ahead of Linden spp.</i>		
Betula nigra 'Heritage'	River Birch	recommended	recommended	recommended
		<i>Cultvars superior to species, single & multi-stemmed habits</i>		
Juniperus scopulorum 'Witchita Blue'	Rocky Mountain Juniper	prohibited	recommended	recommended
		<i>adapts to a wide range of soil conditions, except wet</i>		
Elaeagnus angustifolia	* Russian Olive	prohibited	not qualified	not qualified
		<i>Exotic invasive species</i>		
Sassafras albidum	Sassafras	prohibited	marginal	marginal
		<i>Lawn specimen with careful site selection. May sucker</i>		
Magnolia x soulangiana 'Lennei', 'Verbunica'	* Saucer Magnolia	marginal	recommended	recommended
		<i>Fleshy roots, does not do well in extended drought</i>		
Magnolia x soulangiana 'Alexandrina', 'Brozzonii'	Saucer Magnolia	marginal	recommended	recommended
		<i>Fleshy roots, prefers well drained acidic soil, does not do well in extended drought</i>		

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Quercus acutissima	Sawtooth oak	recommended <i>Flared trunk, >8' planting strip</i>	recommended	recommended
Quercus coccinea	Scarlet Oak	recommended <i>Flared trunk, at least 8' planting strip</i>	recommended	recommended
Sophora japonica 'Princeton Upright'	Scholar Tree	recommended <i>Japanese Pagoda Tree</i>	recommended	recommended
Pinus sylvestris	Scotch Pine	prohibited <i>Like all pines, will struggle in this climate. Watch for pine wilt nematode.</i>	marginal	marginal
Pinus sylvestris	Scotch Pine	prohibited <i>Like all pines, prefers cool summers. Not a long lived tree in this climate</i>	marginal	marginal
Pinus strobus	Scots Pine	prohibited <i>Like all pines, prefers cool summers and moisture. Not a long lived tree in this climate</i>	recommended	recommended
Picea omorika	Serbian Spruce	prohibited <i>Better tolerance for hot, humid climates and air pollution than most other species of spruce</i>	recommended	recommended
Amelanchier canadensis	* Shadblow Serviceberry	marginal <i>Cultivars superior to species, understory tree</i>	recommended	recommended
Acer truncatum 'Norwegian Sunset'	* Shantung maple	recommended <i>Dense canopy with glossy leaves, good screen, tolerates urban conditions.</i>	recommended	recommended
Quercus imbricaria	Shingle Oak	recommended	recommended	recommended
Quercus shumardii	Shumard oak	recommended <i>Moderate growth rate, tolerates salt, compaction & drought. Slow to establish.</i>	recommended	recommended
Ulmus pumila	Siberian Elm	prohibited <i>Invasive, weak wood</i>	not qualified	not qualified
Abies concolor	Silver Fir	prohibited <i>Generally intolerant of urban conditions</i>	marginal	recommended

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Tilia tomentosa 'Sterling' or 'Wandell'	Silver Linden	recommended <i>Tolerates drought, heat and pollution.</i>	recommended	recommended
Acer saccharinum 'Silver Queen', 'Bowhall' or 'Skinneri'	Silver maple (var.)	marginal <i>Limit use to difficult sites, though cultivars are superior to species.</i>	marginal	marginal
Acer saccharinum	Silver maple spp.	prohibited	not qualified	not qualified
Halesia monticola	* Silverbell	marginal <i>Small blooming tree</i>	marginal	recommended
Cotinus obovatus	* Smoketree	recommended <i>Adaptable shrub that is cultivated into a small tree</i>	recommended	recommended
Oxydendrum arboreum	* Sourwood, Sorrel Tree	recommended <i>It should be planted in partial shade in acid soils, drought can be damaging</i>	recommended	recommended
Magnolia virginiana 'Jim Wilson'	Southern Magnolia	marginal <i>Not all cultivars considered hardy here</i>	recommended	recommended
Acer saccharum 'Commemoration', 'Green Mountain' or 'Legacy', 'Newton Sentry'	Sugar Maple	recommended <i>Cultivars vary widely to urban tolerance & size</i>	recommended	recommended
Celtis laevigata 'All Seasons'	Sugarberry or Southern Hackberry	recommended <i>Referenced by tree management plan, commonly identified by nipple gall</i>	marginal	recommended
Quercus michauxii	Swamp Chestnut Oak	recommended	recommended	recommended
Quercus bicolor	Swamp White Oak	recommended <i>Tolerates drought, salt & compaction, site for longevity</i>	recommended	recommended
Liquidambar styraciflua 'Rotundiloba' or 'Moraine'	Sweet Gum	recommended <i>Reliable fall color</i>	recommended	recommended

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Pinus cembra 'Chalet'	Swiss Stone Pine	prohibited	marginal	marginal
<i>Relatively susceptible to stress in urban conditions, best suited as specimen tree in large landscape</i>				
Acer pseudoplatanus	Sycamore Maple	marginal	marginal	marginal
<i>Cannot compete with american or asiatic species for fall color, and susceptible to anthracnose</i>				
Acer tataricum 'Patdell'	* Tatarian maple	recommended	recommended	recommended
<i>Tolerates alkalinity and drought</i>				
Crataegus crus-galli var. inermis	* Thornless Cockspur Hawthorn	marginal	marginal	recommended
<i>Thornless variety, but susceptible to rust, fireblight and powdery mildew</i>				
Gleditsia tricanthos var. inermis 'Sunburst', 'Imperial', 'Moraine', 'Skyline', 'Skycole' or 'Shademaster'	Thornless Honey Locust	recommended	recommended	recommended
<i>Thornless varieties</i>				
Acer triflorum	* Three-flowered Maple	marginal	recommended	recommended
<i>Prefers moist acidic soils</i>				
Alianthus altissima	Tree of Heaven	prohibited	not qualified	not qualified
<i>Exotic invasive species</i>				
Acer buergerianum 'Streetwise'	* Trident maple	recommended	recommended	recommended
<i>Bronze new growth & good fall color, exfoliating bark, drought tolerant</i>				
Liriodendron tulipifera	Tulip Tree	recommended	recommended	recommended
<i>Difficult to establish and is usually too large for streets & sites. Good for open spaces.</i>				
Corylus colurna	Turkish Filbert	recommended	recommended	recommended
<i>Tolerates average soils, but not unamended heavy clays</i>				
Carpinus betulus 'Fastigiata'	Upright Hornbeam	recommended	recommended	recommended
<i>Dense, glossy leaves that provide good screen, tolerates urban conditions</i>				
Crataegus phaenopyrum	Washington Hawthorn	marginal	marginal	recommended
<i>Glossy leaved native showing resistance to rust. Best grown in moist but well-drained soil</i>				

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Fraxinus americana 'Rosehill' or 'Autumn Purple'	White Ash	prohibited <i>Limit future use due to emerald ash borer.</i>	not qualified	not qualified
Quercus alba	White Oak	recommended <i>Very sensitive to root disturbance, avoid compaction</i>	recommended	recommended
Salix spp.	Willow	prohibited <i>Suitable for riparian planting, litter can be a problem</i>	marginal	marginal
Quercus phellos	Willow Oak	recommended <i>Marginally adapted in this region</i>	recommended	recommended
Cladrastis kentukea 'Perkins Pink', 'Rosea' or 'Sweetshade'	Yellowwood	recommended <i>Native to Missouri, planted on Lucy Webb Rd in 2010</i>	recommended	recommended
Zelkova serrata 'Village Green', 'Green Vase' or 'Musachino'	Zelkova	recommended <i>Good alternative to Elm</i>	recommended	recommended

UDC Section 430.130 - Plant Materials

430.130.A Plant Selection

All plant material used to satisfy the requirement of this chapter must conform with the plant quality standards of the American Association of Nurserymen

430.130.B.1.a Minimum Planting Sizes

- Deciduous shade trees shall be two and one-half (2 1/2) to three inch caliper as measured 6" above ground.
- Evergreen trees shall be six to eight (8) feet in height.
- Ornamental trees shall be one to one and on-half (1 1/2) inch caliper as measured 6 inches above the ground. The smallest trunk of multi-trunk clusters (three or more trunks) shall be three-quarters (3/4) inch.

Tree Management Strategic Plan - Guidelines for Planting Around Structures

Planting guidelines relevant to placement of trees on private property are borrowed from the 'Tree Management Strategic Plan - Planting Around Structures'. These guidelines are designed to ensure the placement of new trees do not negatively affect driver or pedestrian visibility or harm structures in close proximity.

- Trees should not be planted closer than 10' from a driveway
- Trees should not be planted closer than 25' from a fire hydrant
- Trees should not be planted closer than 25' from a gas valve, water valve, cable box or any above ground utility
- Trees with an average mature height of more than 30' should not be planted under an overhead utility