

Qualified Trees for Site, Street & Yard

05/26/2015

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)

<i>Genus species</i> 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Abies balsamea	Balsam Fir	prohibited	marginal	recommended
		<i>requires rich, consistently moist & slightly acidic, well drained soil</i>		
Abies concolor	Silver Fir	prohibited	marginal	recommended
		<i>Generally intolerant of urban conditions</i>		
Abies fraseri	Frazier Fir	prohibited	marginal	recommended
		<i>requires rich, consistently moist & slightly acidic, well drained soil</i>		
Abies homolepis	Nikko Fir	prohibited	marginal	recommended
		<i>easily grown in average soils, but thrives in cool climates</i>		

Acer buergerianum 'Streetwise'	* Trident maple	recommended	recommended	recommended
		<i>Bronze new growth & good fall color, exfoliating bark, drought tolerant</i>		
Acer campestre 'Evelyn'	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>		
Acer ginnala 'Red Fruit' or 'Flame'	* Amur Maple	recommended	recommended	recommended
		<i>Cultivars far superior to species, for ornamental value</i>		
Acer miyabei 'State Street' or 'Morton'	Miyabei Maple	recommended	recommended	recommended
		<i>'Morton' the Chicago original</i>		
Acer negundo	Box Elder spp.	prohibited	not qualified	not qualified
		<i>Fast and weak, susceptible infestations</i>		

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Acer palmatum	* Japanese Maple	marginal <i>Careful site selection needed, very small cultivars will not suit</i>	recommended	recommended
Acer platanoides 'Superform', 'Globe', 'Emerald Queen' or 'Crimson King'	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
Acer pseudoplatanus	Sycamore Maple	marginal <i>Cannot compete with american or asiatic species for fall color, and susceptible to anthracnose</i>	marginal	marginal
Acer pseudosieboldianum	* Korean Maple	prohibited <i>Avoid hot dry windy sites</i>	marginal	recommended
Acer rubrum 'Autumn Flame', 'Franksred', 'October Glory' or 'Red Sunset'	Red Maple	recommended <i>Widespread availability tend to lead to over planting. Cultivars vary widely in size & form.</i>	recommended	recommended
Acer saccharinum	Silver maple spp.	prohibited	not qualified	not qualified
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 saccharum 'Commemoration', 'Green Mountain' or 'Legacy', 'Newton Sentry'	Sugar Maple	recommended <i>Cultivars vary widely to urban tolerance & size</i>	recommended	recommended
Acer tataricum 'Patdell'	* Tatarian maple	recommended <i>Tolerates alkalinity and drought</i>	recommended	recommended
Acer triflorum	* Three-flowered Maple	marginal <i>Prefers moist acidic soils</i>	recommended	recommended
Acer truncatum 'Norwegian Sunset'	* Shatung maple	recommended <i>Dense canopy with glossy leaves, good screen, tolerates urban conditions.</i>	recommended	recommended
Acer x freemanii 'Armstrong', 'Scarson' or 'Autumn Blaze'	Freeman Maple	recommended <i>Symmetrical habit, protect from leaf scald</i>	recommended	recommended
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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
Aesculus hippocastanum 'Baumannii'	Horsechestnut	recommended <i>Prefers fertile soils, this a selection with double flowers and fewer fruit</i>	marginal	recommended
Aesculus x carnea	Red Horsechestnut	recommended	marginal	recommended

<i>Genus species</i> 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
		<i>Hybrid between Horsechestnut and Red Buckeye</i>		
Albizia julibrissin	* Mimosa	prohibited <i>Attractive but inferior landscape tree, invasive</i>	not qualified	not qualified
Alianthus altissima	Tree of Heaven	prohibited <i>Exotic invasive species</i>	not qualified	not qualified
Amelanchier arborea	* Downy Serviceberry	recommended <i>Serviceberry may be an alternative to Malus spp with proper site/cultivation selection</i>	recommended	recommended
Amelanchier canadensis	* Shadblow Serviceberry	marginal <i>Cultivars superior to species, understory tree</i>	recommended	recommended
Amelanchier laevis 'Prince Charles'	* Allegheny Serviceberry	marginal <i>Cultivars superior to species, understory tree. Needs moisture.</i>	recommended	recommended
Amelanchier x grandiflora 'Autumn Brilliance'	* Apple Serviceberry	recommended <i>Cross between a.arborea & a.laevis</i>	recommended	recommended
Betula nigra 'Heritage'	River Birch	recommended <i>Cultivars superior to species, single & multi-stemmed habits</i>	recommended	recommended
Betula papyrifera	Paper Birch	prohibited <i>Grows poorly and is generally short lived in this climate</i>	not qualified	not qualified
Betula pendula	* European White Birch	prohibited <i>Potential to thrive in medium to wet conditions</i>	marginal	marginal
Calocedrus decurrens	* Incense Cedar	prohibited	recommended	recommended
Carpinus betulus 'Fastigiata'	Upright Hornbeam	recommended <i>Dense, glossy leaves that provide good screen, tolerates urban conditions</i>	recommended	recommended
Carpinus caroliniana	* American Hornbeam or Musclewood	recommended <i>Underplanted, slow growing, shade and wet soil tolerant. Aka Musclewood.</i>	recommended	recommended
Carya spp.	Hickory spp.	prohibited <i>Not a good tree for general use (specimen)</i>	marginal	not qualified

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
Celtis laevigata 'All Seasons'	Sugarberry or Southern Hackberry	recommended <i>Referenced by tree management plan, commonly identified by nipple gall</i>	marginal	recommended
Celtis occidentalis 'Prairie Pride'	Hackberry	prohibited <i>Cultivars resistant to witches broom are better selections, still fruit can be a problem</i>	not qualified	marginal
Cercidiphyllum japonicum	Katsura Tree	recommended <i>Shallow roots, under planted</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
Chionanthus retusus	* Chinese Fringe Tree	recommended <i>Beautiful in bloom and can have spectacular fall color as well</i>	recommended	recommended
Chionanthus virginicus	* Fringe Tree	recommended <i>Native to Missouri, most often occurs in rich moist woods and hillsides. Males are showier.</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
Cornus alternifolia	* Pagoda Dogwood	marginal <i>Prefers moist organically rich soils, shade from afternoon sun.</i>	recommended	marginal
Cornus florida	* Flowering Dogwood	recommended <i>Susceptible to disease when stressed. Prefers moist, organically rich soils</i>	recommended	marginal
Cornus kousa	* Kousa Dogwood	marginal <i>Most adaptable of dogwoods</i>	recommended	recommended
Cornus mas	* Cornelian-Cherry Dogwood	marginal <i>Susceptible to disease when stressed. Prefers moist, organically rich soils</i>	recommended	marginal
Corylus colurna	Turkish Filbert	recommended <i>Tolerates average soils, but not unamended heavy clays</i>	recommended	recommended
Cotinus obovatus	* Smoketree	recommended	recommended	recommended

<i>Genus species</i> 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
<i>Adaptable shrub that is cultivated into a small tree</i>				
Crataegus crus-galli var. inermis	* Thornless Cockspur Hawthorn	marginal	marginal	recommended
<i>Thornless variety, but susceptible to rust, fireblight and powdery mildew</i>				
Crataegus laevigata 'Crimson Cloud'	* 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>				
Crataegus phaenopyrum	Washington Hawthorn	marginal	marginal	recommended
<i>Glossy leaved native showing resistance to rust. Best grown in moist but well-drained soil</i>				
Crataegus viridis 'Winter King'	* Green Hawthorn	marginal	recommended	recommended
<i>One of the best hawthorns cultivated for landscape purposes</i>				
Dispyros virginiana	Persimmon	prohibited	marginal	recommended
<i>Large tree that produces an edible food crop</i>				
Elaeagnus angustifolia	* Russian Olive	prohibited	not qualified	not qualified
<i>Exotic invasive species</i>				
Eucommia ulmoides	* Hardy Rubber Tree	recommended	recommended	recommended
<i>No proven urban tolerance or fall color</i>				
Fagus grandifolia	American Beech	marginal	marginal	marginal
<i>Requires rich & moist soil that is neutral to acid. Intolerant of heavy compacted soils.</i>				
Fagus sylvatica 'Asplenifolia', 'Riversii', 'Purpurea Tricolor' or 'Roseo-marginata', Spp.	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>				
Fraxinus americana 'Rosehill' or 'Autumn Purple'	White Ash	prohibited	not qualified	not qualified
<i>Limit future use due to emerald ash borer.</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>				
Fraxinus quadrangulata	Blue Ash	prohibited	not qualified	not qualified
<i>Limit future use due to emerald ash borer. Hybrid of Green & White.</i>				
Ginkgo biloba 'Fairmont', 'Princeton Sentry' or 'Autumn Gold'	Ginkgo (Maidenhair Tree)	recommended	recommended	recommended
<i>Limit females to avoid messy fruit</i>				

<i>Genus species</i> 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Gleditsia tricanthos var. inermis 'Sunburst', 'Imperial', 'Moraine', 'Skyline', 'Skycole' or 'Shademaster'	Thornless Honey Locust	recommended <i>Thornless varieties</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
Halesia monticola	* Silverbell	marginal <i>Small blooming tree</i>	marginal	recommended
Ilex aquifolium	* English Holly	prohibited <i>Species vary by cultivar, selection must reach 25-30'</i>	recommended	recommended
Ilex opaca	* American Holly	prohibited <i>Species vary by cultivar, selection must reach 25-30'</i>	recommended	recommended
Ilex sp.	* Holly	prohibited <i>Species vary by cultivar, selection must reach 25-30'</i>	recommended	recommended
Juglans nigra	Black Walnut	prohibited <i>Should be preserved in nature, difficult to grow desirable specimens</i>	not qualified	not qualified
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
Juniperus scopulorum 'Witchita Blue'	Rocky Mountain Juniper	prohibited <i>adapts to a wide range of soil conditions, except wet</i>	recommended	recommended
Juniperus virginiana 'Burkii', 'Canertii', 'Hillspire', 'Taylor'	Eastern Redcedar	prohibited <i>Species varieties vary widely in size and longevity. Cultivars are most suitable</i>	recommended	recommended
Keolreuteria paniculata	* Golden Rain Tree	recommended <i>Urban tolerant and widely adaptable.</i>	recommended	recommended
Liquidambar styraciflua 'Rotundiloba' or 'Moraine'	Sweet Gum	recommended <i>Reliable fall color</i>	recommended	recommended
Liriodendron tulipifera	Tulip Tree	recommended <i>Difficult to establish and is usually too large for streets & sites. Good for open spaces.</i>	recommended	recommended

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Maackia amurensis	* Amur Maackia	recommended <i>Hardy, slow growing, legume family</i>	recommended	recommended
Maclura pomifera	Osage-Orange	prohibited	not qualified	marginal <i>Dioecious, Female trees are generally not recommended for landscape use because the fruits pose a considerable litter problem</i>
Magnolia acuminata	Cucumber Tree / Blue Magnolia	marginal <i>Fleshy roots, does not do well in extended drought</i>	recommended	recommended
Magnolia grandiflora 'Bracken's Brown Beauty'	Bracken's Brown Magnolia	marginal <i>Fleshy roots, does not do well in extended drought</i>	recommended	recommended
Magnolia virginiana 'Jim Wilson'	Southern Magnolia	marginal <i>Not all cultivars considered hardy here</i>	recommended	recommended
Magnolia x loebneri 'Merrill'	* Merrill Magnolia	recommended <i>Fragrant, comparable to M.stellata but larger and more adaptable</i>	recommended	recommended
Magnolia x soulangiana 'Alexandrina', 'Brozzonii'	Saucer Magnolia	marginal <i>Fleshy roots, prefers well drained acidic soil, does not do well in extended drought</i>	recommended	recommended
Magnolia x soulangiana 'Lennei', 'Verbunica'	* Saucer Magnolia	marginal <i>Fleshy roots, does not do well in extended drought</i>	recommended	recommended
Malus spp.	Flowering Crabapple / Apple	recommended <i>Too many too list, characteristics vary widely by cultivar. Selections should be resistant to scab and fire blight.</i>	recommended	recommended
Morus alba or rubra	* Mulberry spp.	prohibited <i>Staining fruit widely dispersed by birds</i>	not qualified	not qualified
Nyssa sylvatica	Black Gum	recommended <i>Can be difficult to establish</i>	recommended	recommended
Ostrya virginiana	American Hophornbeam	recommended <i>Tolerates partial shade</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
Parrotia persica	* Persian Parrotia	recommended	recommended	recommended

<i>Genus species</i> 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Phellodendron amurense	Amur Corktree	recommended	recommended	recommended
		<i>Dioecious, females bear strongly scented black fruit.</i>		
Picea abies	Norway Spruce	prohibited	recommended	recommended
Picea glauca 'Densata'	Black Hills Spruce	prohibited	recommended	recommended
		<i>Best performance is in cold winter climates with cool summers</i>		
Picea omorika	Serbian Spruce	prohibited	recommended	recommended
		<i>Better tolerance for hot, humid climates and air pollution than most other species of spruce</i>		
Picea pungens	Colorado Spruce	prohibited	recommended	recommended
		<i>Varieties vary in size and longevity</i>		
Picea pungens f. glauca 'Baby Blueeyes', 'Fat Albert', 'Foxtail', 'Hoopsii'	Blue Colorado Spruce	prohibited	recommended	recommended
Pinus banksiana	Jack Pine	prohibited	marginal	marginal
		<i>Scrubby northern pine. hot summers, soils and general environmental conditions do not favor most pines.</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 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>		
Pinus flexilis	Limber Pine	prohibited	recommended	recommended
		<i>'Vanderwolf's Pyramid' is a plant of merit in MO</i>		
Pinus heldreichii	Bosnian Pine	prohibited	recommended	recommended
		<i>Pinus leucodermis considered synonymous with this species</i>		
Pinus koraiensis	Korean Pine	prohibited	marginal	marginal
		<i>Grow in moist, well-drained loams in full sun. Like all pines, prefer cool summer climates. Plant were micro-conditions exist.</i>		
Pinus nigra	Austrian Pine	prohibited	marginal	marginal
		<i>Grow in moist, well-drained loams in full sun. Like all pines, prefer cool summer climates. Plant were micro-conditions exist.</i>		
Pinus parviflora	Japanese White Pine	prohibited	recommended	recommended
		<i>Like all pines, prefers cool summers.</i>		
Pinus ponderosa	Ponderosa Pine	prohibited	recommended	recommended

<i>Genus species</i> 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
		<i>Dominant pine of the western US, grows best at higher elevations. Like all pines, typically struggles in this part of the midwest.</i>		
Pinus resinosa	Norway Pine	prohibited	recommended	recommended
		<i>Best growth in geographic areas with cool summers and cold winters.</i>		
Pinus strobus 'Pendula'	Eastern White Pine	prohibited	recommended	recommended
		<i>Susceptible to White Pine Blight for in urban conditions for unknown reasons. Fast growing & long lived.</i>		
Pinus strobus	Scots Pine	prohibited	recommended	recommended
		<i>Like all pines, prefers cool summers and moisture. Not a long lived tree in this climate</i>		
Pinus sylvestris	Scotch Pine	prohibited	marginal	marginal
		<i>Like all pines, prefers cool summers. Not a long lived tree in this climate</i>		
Pinus sylvestris	Scotch Pine	prohibited	marginal	marginal
		<i>Like all pines, will struggle in this climate. Watch for pine wilt nematode.</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>		
Pinus thunbergii	Japanese Black Pine	prohibited	marginal	marginal
		<i>Environmental conditions do not favor most conifers</i>		
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Platanus occidentalis	American Sycamore	marginal	not qualified	not qualified
		<i>Highly susceptible to anthracnose, London plane is more resistant</i>		
Platanus x acerifolia 'Liberty', 'Columbia' or 'Bloodgood'	London Planetree	recommended	recommended	recommended
		<i>Cultivars resistant to anthracnose</i>		
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Populus spp.	Poplar spp.	prohibited	not qualified	not qualified
		<i>Fast and weak, uncultivated species produce nuisance seed</i>		
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Prunus cerasifera 'Newport', 'Thundercloud', 'Crimson Point'	* Plum	recommended	recommended	recommended
		<i>Only cultivar with proven urban tolerance. Overused and short lived.</i>		
Prunus maackii	* Amur Chokecherry	recommended	recommended	recommended
		<i>Choose multi-stem habit since bark is most attractive feature</i>		
Prunus padus	European Birdcherry	recommended	recommended	recommended
		<i>Very adaptable, full sun to part shade. Fruit quickly taken by birds.</i>		
Prunus serotina	Black Cherry	marginal	marginal	recommended
		<i>Cherries are susceptible to a large number of insect and disease pests</i>		
Prunus spp.	Flowering Cherry	recommended	recommended	recommended

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
<i>Select species & varieties resistant to pests & disease</i>				
Prunus virginiana 'Canada Red' or 'Schubert'	* Chokecherry (var.)	prohibited	marginal	recommended
Pseudotsuga menziesii	Douglas Fir	prohibited	marginal	marginal
<i>Best grown in northern/northwestern climates, struggle here where drought is common</i>				
Pyrus calleryana 'Bradford'	Bradford Pear	prohibited	not qualified	not qualified
<i>Structurally weak</i>				
Pyrus calleryana 'Aristocrat', 'Chanticleer', 'Cleveland Select' or 'Capitol'	* Callery Pear (var.)	prohibited	recommended	recommended
<i>Compact tree that fits in most places. Prune while young to develop scaffold branches.</i>				
Quercus acutissima	Sawtooth oak	recommended	recommended	recommended
<i>Flared trunk, >8' planting strip</i>				
Quercus alba	White Oak	recommended	recommended	recommended
<i>Very sensitive to root disturbance, avoid compaction</i>				
Quercus bicolor	Swamp White Oak	recommended	recommended	recommended
<i>Tolerates drought, salt & compaction, site for longevity</i>				
Quercus coccinea	Scarlet Oak	recommended	recommended	recommended
<i>Flared trunk, at least 8' planting strip</i>				
Quercus imbricaria	Shingle Oak	recommended	recommended	recommended
Quercus macrocarpa	Bur Oak	recommended	recommended	recommended
<i>Site for longevity</i>				
Quercus michauxii	Swamp Chestnut Oak	recommended	recommended	recommended
Quercus muehlenbergii	Chinkapin Oak	recommended	recommended	recommended
<i>Unique</i>				
Quercus palustris	Pin Oak	recommended	recommended	recommended
<i>Overplanted</i>				
Quercus phellos	Willow Oak	recommended	recommended	recommended
<i>Marginally adapted in this region</i>				
Quercus prinus	Chestnut Oaks	recommended	recommended	recommended

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Quercus robur 'Attention', 'Pyramich' or 'Skymaster'	English Oak	recommended <i>Site for longevity, intolerant of wet sites though very adaptable</i>	recommended	recommended
Quercus rubra	Northern Red Oak	recommended <i>Tolerates urban conditions & transplant well</i>	recommended	recommended
Quercus shumardii	Shumard oak	recommended <i>Moderate growth rate, tolerates salt, compaction & drought. Slow to establish.</i>	recommended	recommended
Quercus stellata	Post Oak	recommended	recommended	recommended
Quercus veluntina	Black Oak	recommended <i>lends itself easily to hybridization, resulting in several named hybrids</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 extrememy difficult sites since it tolerates dry sterile soils.</i>	marginal	recommended
Salix spp.	Willow	prohibited <i>Suitable for riparian planting, litter can be a problem</i>	marginal	recommended
Sambucus canadensis	* American Elder	prohibited <i>'Aurea' possible selection. Only single stem acceptable, susceptible to wind damage.</i>	marginal	marginal
Sassafras albidum	Sassafras	prohibited <i>Lawn specimen with careful site selection. May sucker</i>	marginal	marginal
Sophora japonica 'Princeton Upright'	Scholar Tree	recommended <i>Japanese Pagoda Tree</i>	recommended	recommended
Sorbus aucuparia	Mountain Ash	prohibited <i>Generally not a good selection for this climate</i>	marginal	marginal
Syringa reticulata 'Summer Snow', 'Ivory Silk'	* Japanese Tree Lilac	recommended <i>Largest of tree lilacs. 'Ivory Silk' another slightly smaller option.</i>	recommended	recommended
Taxodium distichum	Bald Cypress	recommended <i>Tolerates compacted or wet soils & drought. Mites, chlorosis.</i>	recommended	recommended

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
Taxus cuspidata 'Green Giant'	Japanese Yew	prohibited <i>Susceptible to winter burn. Size varies widely by cultivar</i>	recommended	recommended
Thuja occidentalis	American Arbovitae	prohibited <i>turns brown-green in winter</i>	recommended	recommended
Thuja occidentalis 'Dark green', 'Degroot's Spire', 'Nigra' or 'Green Giant'	* American Arborvitae	prohibited	recommended	recommended
Tilia americana	Basswood	recommended <i>least adaptable of the lindens, best for naturalizing. Tilia x redmond far better selection</i>	marginal	marginal
Tilia cordata 'Glenleven' or 'Greenspire'	Little Leaf Linden	recommended <i>Uniform habit. Tolerates drought, heat and pollution.</i>	recommended	recommended
Tilia tomentosa 'Sterling' or 'Wandell'	Silver Linden	recommended <i>Tolerates drought, heat and pollution.</i>	recommended	recommended
Tilia x flavescens 'Glenleven'	Glenleven Linden	recommended <i>Fast growing, hybrid T.americana and T.cordota</i>	recommended	recommended
Tilia x redmond	Redmond Linden	recommended <i>Flowers in june ahead of Linden spp.</i>	recommended	recommended
Tsuga canadensis	Canadian Hemlock	prohibited <i>Intolerant of drought and poisonous</i>	marginal	marginal
Ulmus parvifolia 'Dynasty'	Lacebark Elm	recommended <i>Improved resitance to disease & pests.</i>	recommended	recommended
Ulmus pumila	Siberian Elm	prohibited <i>Invasive, weak wood</i>	not qualified	not qualified
Ulmus spp.	Elm spp.	prohibited <i>Must monitor for Dutch Elm Disease</i>	not qualified	not qualified
Zelkova serrata 'Village Green', 'Green Vase' or 'Musachino'	Zelkova	recommended <i>Good alternative to Elm</i>	recommended	recommended

Genus species 'cultivar'	Common Name	Streets	Sites & Buffers	Yard
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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**

- a. Deciduous shade trees shall be two and one-half (2 1/2) to three inch caliper as measured 6" above ground.
- b. Evergreen trees shall be six to eight (8) feet in height.
- c. 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.

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