

# SUGGESTED TREE SPECIES



## Small Trees (Mature height 10' - 25'; at least 4' of growing space; plant 20' apart; recommended for under/near overhead utilities)

TREE SPECIES		SHAPE	GROWTH RATE			VISUAL INTEREST	NATIVE	CULTIVARS, NOTES
Scientific Name	Common Name		Slow	Mod.	Rapid			
<i>Acer ginnala</i> *	Amur Maple	Rounded	o			Fragrant white flowers in spring; yellow, orange, and red fall color	No	Choose 'Beethoven,' 'Embers,' 'Flame,' 'Mozart,' or 'Red Rhapsody'
<i>Acer griseum</i> *	Paperbark Maple	Rounded to oval	o			Red fall color; ornamental bark	No	
<i>Acer tataricum</i> *	Tatarian Maple	Rounded	o			Greenish-white spring flowers; showy red fruit; yellow to red fall color	No	Choose single stem/ tree form only; 'Hotwings,' 'Pattern Perfect,' 'Rugged Charm'
<i>Amelanchier arborea</i> *	Downy Serviceberry	Rounded		o		Showy white flowers in spring; yellow to red fall color	Yes	Choose 'Trazam' or other single stem variety; edible berries ("juneberries")
<i>Amelanchier canadensis</i> *	Canadian Serviceberry	Irregular; low		o		White flowers; red fruit; gold fall color; ornamental bark	Yes	Choose 'Spring Glory' or 'Tradition'; sweet, edible fruit
<i>Amelanchier laevis</i> *	Allegheny Serviceberry	Upright		o		Showy white flowers in spring; yellow to red fall color	Yes	Choose 'Cumulus,' 'Snowcloud,' or other single stem variety; edible fruit
<i>Amelanchier x grandiflora</i>	Apple Serviceberry	Rounded		o		Showy white flowers in spring; yellow to orange fall color	Yes	Hybrid of native species; choose 'Autumn Brilliance,' 'Cole's Select,' 'Forest Prince,' 'Princess Diana,' 'Robin Hill,' 'Rogers,' or 'Snowcloud'; edible fruit

\* Recommended for street trees

Growth Rate Key >	<b>Slow</b> 12" or less per year	Tree Shape Key >						
	<b>Moderate</b> 13-24" per year		Shrubby	Rounded	Oval	Vase-like	Pyramidal	Columnar
	<b>Rapid</b> 25" or greater per year							

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Scientific Name	Common Name		Slow	Mod.	Rapid			
<i>Cercis canadensis</i> *	Eastern Redbud	Irregular	o			Pink flowers in spring; yellow or green fall color	Yes	Choose 'Appalachian Red,' 'Forest Pansy,' or 'Northern Strain'
<i>Chionanthus retusus</i> *	Chinese Fringetree	Rounded		o		White flowers; dark blue fruit on female trees	No	Exfoliating bark
<i>Cornus florida</i>	Flowering Dogwood	Rounded		o		Showy white flowers in spring; glossy red fruit; red-purple fall color	Yes	Seed, fruit, flowers, twigs, bark, and leaves all used as food by various animals
<i>Cornus kousa</i>	Kousa Dogwood	Rounded	o			Ornamental bark; long bloom time; showy fruit; red fall color	No	Choose 'Milky Way' var. chinensis
<i>Cornus mas</i>	Corneliancherry Dogwood	Rounded		o		Long-lasting yellow blossoms; yellow-burgundy fall color	No	Choose 'Golden Glory'; birds attracted to fruit; plant in spring
<i>Cotinus obovatus</i>	American Smoketree	Rounded		o		Billowy hairs turn smoky to purplish pink in summer; showy yellow, red, orange, and purple fall color	Yes	
<i>Crataegus crus-galli</i> , <i>var. inermis</i> *	Thornless Cockspur Hawthorn	Rounded	o			Small white flowers bloom for 1 week in spring; small red fruit; bronze-red fall color	Yes	Choose 'Crusader'; blooms are malodorous
<i>Crataegus phaenopyrum</i> *	Washington Hawthorn	Pyramidal		o		Showy white flowers, reddish-purple spring leaves; small red fruit; orange, scarlet, and purple fall color	Yes	Choose 'Presidential,' 'Lustre,' or 'Washington Lustre'; songbirds attracted to fruit; nectar plant for bees

\* Recommended for street trees

American Smoketree >



Chinese Fringetree >



< Flowering Dogwood

# Small Trees (Mature height 10' - 25'; at least 4' of growing space; plant 20' apart; recommended for under/near overhead utilities)

TREE SPECIES		SHAPE	GROWTH RATE			VISUAL INTEREST	NATIVE	CULTIVARS, NOTES
Scientific Name	Common Name		Slow	Mod.	Rapid			
<i>Crataegus viridis</i> *	Green Hawthorn	Rounded		o		White spring flowers; late season red fruit; distinctive gray bark; purplish red fall color	Yes	Choose 'Winter King'
<i>Maackia amurensis</i>	Amur Maackia	Rounded	o			White flowers; amber or copper colored bark exfoliates in curls	No	Choose var. buergeri; short trunk splits into branches 2-3" from ground; fragrant flowers
<i>Magnolia stellata</i>	Star Magnolia	Oval	o			Showy large white spring flowers	No	Choose 'Little Girl Hybrids'; fragrant flowers
<i>Malus spp.</i> *	Apple and Crabapple	Rounded	o			White flowers	Some spp.	Choose 'Adams,' 'Adirondack,' 'baccata var. 'Jackii,' 'Dolgo,' 'Donald Wyman,' 'floribunda,' 'Prairiefire,' 'Professor Sprenger,' or 'Robinson'; edible fruits persist through winter
<i>Prunus serrulata</i> *	Japanese Flowering Cherry	Rounded to vase-like			o	White to pink flowers; red emergent leaves change to dark green; dark purple fruit; bronze to red fall color	No	Choose 'Snow Goose'; can be short-lived due to pest problems
<i>Prunus virginiana</i> *	Chokecherry	Upright; grows in thickets		o		Dense clusters of white flowers; red/purple/black fruit	Yes	Choose 'Canada Red' or 'Schubert'; fragrant flowers; fruit can be used for preserves
<i>Pyrus calleryana</i> *	Callery Pear	Pyramidal maturing to rounded			o	Showy white flowers; red, purple, and orange color in late fall	No	Choose 'Jack' or 'Jill'; slightly malodorous flowers, CAN BE INVASIVE

\* Recommended for street trees

Star Magnolia >



Japanese Flowering Cherry >



< Chokecherry

## Small Trees (Mature height 10' - 25'; at least 4' of growing space; plant 20' apart; recommended for under/near overhead utilities)

TREE SPECIES		SHAPE	GROWTH RATE			VISUAL INTEREST	NATIVE	CULTIVARS, NOTES
Scientific Name	Common Name		Slow	Mod.	Rapid			
<i>Pyrus ussuriensis</i> *	Prairie Gem Ussurian Pear	Dense, rounded		o		Faint pink to white flowers; greenish-yellow fruit; orange to yellow fall color	No	Choose 'MorDak'
<i>Robinia pseudoacacia</i> *	Black Locust	Upright			o	Showy 4-8" pendulous clusters of white flowers	Yes	Choose 'Globe'; very fragrant flowers; hardy and tolerant of salt, heat, pollution
<i>Syringa reticulata</i> *	Japanese Tree Lilac	Rounded		o		White flowers	No	Choose 'Ivory Silk,' 'Summer Snow,' or 'Regent'; extremely disease resistant; fragrant flowers
<i>Syringa pekinensis</i> *	Peking Lilac	Irregular		o		Showy yellowish white flowers in 3-6" panicles; rich brown exfoliating bark	No	Choose 'Beijing Gold' or 'China Snow'; drought tolerant; fragrant flowers attract hummingbirds and butterflies
<i>Tilia cordata</i> *	Littleleaf Linden	Oval			o	Bright yellow flowers	No	Choose 'Halka'; sensitive to road salt; flowers attract bees and hummingbirds while soft wood houses cavity-dwelling birds
<i>Zelkova serrate</i> *	Japanese Zelkova	Vase-like		o		Bark exfoliates to show orange inner bark; yellow, orange, brown, deep red, and reddish-purple fall color	No	Choose 'City Sprite,' 'Wireless,' or 'Schmidtlow'; transplant in spring; urban tolerant

\* Recommended for street trees

Littleleaf Linden >



Peking Lilac >



< Black Locust



## Medium Trees (Mature height 25' - 50'; at least 6'-8' growing space; plant 30' apart and 20'-40' from overhead utilities)

TREE SPECIES		SHAPE	GROWTH RATE			VISUAL INTEREST	NATIVE	CULTIVARS, NOTES
Scientific Name	Common Name		Slow	Mod.	Rapid			
<i>Acer buergerianum</i> *	Trident Maple	Rounded	o			Yellow, orange, red fall color	No	Choose single stem variety
<i>Acer campestre</i> *	Hedge Maple	Rounded	o			Yellow late fall color	No	Choose 'Postelense,' 'Queen Elizabeth,' or 'Schichtel's Upright'; dense shade; tolerates drought and pollution
<i>Acer x freemanii</i> *	Freeman Maple	Oval or pyramidal			o	Brilliant orange-red to scarlet-red fall color	Yes	Hybrid of Red Maple and Silver Maple; choose 'Celzam,' 'Marmo,' 'Jeffersred,' or 'Sienna Glen'
<i>Acer grandidentatum</i>	Bigtooth Maple	Rounded		o		Bright red and gold fall color	Yes	Choose 'Schmidt'
<i>Acer miyabei</i> *	Miyabei Maple	Rounded		o		Brilliant yellow fall color	No	Choose 'State Street'
<i>Acer truncatum</i> *	Shantung Maple	Rounded	o			Greenish yellow flowers; red/ yellow fall color	No	Choose 'Norwegian Sunset' or 'Pacific Sunset'
<i>Aesculus glabra</i>	Ohio Buckeye	Rounded		o		Pumpkin orange fall color	Yes	Broad crown requires large area; dense shade; foliates and defoliates early in season; seeds and fruits poisonous if ingested
<i>Aesculus x camea</i>	Red Horsechestnut	Rounded, pyramidal		o		5-8" clusters of pink to red flowers	No	Choose 'Briotii,' 'Fort McNair,' or 'O'Neill'
<i>Betula nigra</i> *	River Birch	Oval		o		Showy cinnamon-colored exfoliating bark is a standout in winter	Yes	Choose 'Heritage' or 'Dura-Heat'; most borer-resistant birch; tolerates wet soils and dry summers
<i>Betula populifolia</i> *	Gray Birch	Conical			o	Chalky white bark with black triangular patches; yellow fall color	Yes	Choose 'Whitespire Sr.'; tolerates poor, sandy soil
<i>Carpinus betulus</i> *	European Hornbeam	Columnar, pyramidal		o		Steel gray, fluted bark	No	Choose 'Columnaris,' 'Fastigiata,' or 'Franz Fontaine'

\* Recommended for street trees

Red Horsechestnut >



Freeman Maple >



< River Birch



## Medium Trees (Mature height 25' - 50'; at least 6'-8' growing space; plant 30' apart and 20'-40' from overhead utilities)

TREE SPECIES		SHAPE	GROWTH RATE			VISUAL INTEREST	NATIVE	CULTIVARS, NOTES
Scientific Name	Common Name		Slow	Mod.	Rapid			
<i>Carpinus caroliniana</i> *	American Hornbeam	Rounded	o			Yellow-orange fall color	Yes	Plant spring only
<i>Gleditsia triacanthos inermis</i> *	Thornless Honeylocust	Oval			o	Showy yellow fall color that drops early	Yes	Choose 'Imperial'; fragrant flowers; open silhouette lets grass grow underneath; pollution, salt, and drought tolerant
<i>Halesia tetraptera</i> *	Carolina Silverbell	Rounded		o		Clustered white bell-shaped flowers	Yes	
<i>Koelreuteria paniculata</i> *	Goldenraintree	Rounded		o		Showy yellow flowers bloom into mid-summer followed by papery hanging capsules into fall	No	Choose 'Columnare' or 'Fastigiata'; tolerates pollution, drought, and alkalinity; attracts bees
<i>Maclura pomifera, var. inermis</i>	Osage Orange	Rounded			o		Yes	Choose male only, 'Wichita' or 'Whiteshield'
<i>Ostrya virginiana</i> *	American Hophornbeam	Rounded	o			Yellow fall color, ornamental bark	Yes	Plant spring only
<i>Parrotia persica</i> *	Persian Parrotia	Oval			o	Showy orange, red, and yellow fall color; showy red flowers give way to reddish-purple new growth	No	Choose 'Ruby Vase' or 'Vanessa'; drought resistant and does not like wet feet
<i>Phellodendron amurense</i> *	Amur Corktree	Rounded		o		Picturesque branching	No	Choose 'Eye Stopper,' 'His Majesty,' 'Macho,' 'Shademaster,' or 'Superfection'; fruit (female plants only) is aromatic when crushed but can be a litter problem
<i>Prunus sargentii</i> *	Sargent Cherry	Rounded			o	Pink to deep pink blossoms; red to cinnamon-colored bark; red, orange, and bronze fall color	No	Choose 'Accolade,' 'Columnaris,' or 'Pink Flare'

\* Recommended for street trees

Golden Raintree >



Carolina Silverbell >



< Persian Parrotia

## Medium Trees (Mature height 25' - 50'; at least 6'-8' growing space; plant 30' apart and 20'-40' from overhead utilities)

TREE SPECIES		SHAPE	GROWTH RATE			VISUAL INTEREST	NATIVE	CULTIVARS, NOTES
Scientific Name	Common Name		Slow	Mod.	Rapid			
<i>Pyrus calleryana</i> *	Callery Pear	Oval			o	Attractive white flowers; red, purple, and orange fall color holds late	No	Choose 'Aristocrat,' 'Chanticleer,' 'Faurier,' 'Redspire,' or 'Valiant'; slightly malodorous flowers
<i>Quercus acutissima</i> *	Sawtooth Oak	Pyramidal			o	Bright yellow fall color	No	One inch acorns are popular with wildlife
<i>Robinia pseudoacacia</i> *	Black Locust	Upright			o	Showy 4-8" pendulous clusters of white flowers	Yes	Choose 'Bessoniana'; very fragrant flowers; hardy and tolerant of salt, heat, pollution **PRETTY
<i>Tilia cordata</i> *	Littleleaf Linden	Oval			o	Bright yellow flowers	No	Choose 'Chancellor,' 'Corinthian,' 'Glenleven,' 'Greenspire,' 'June Bride,' or 'Shamrock'; sensitive to road salt; flowers attract bees and hummingbirds while soft wood houses cavity-dwelling birds **PRETTY
<i>Ulmus parvifolia</i> *	Lacebark Elm	Rounded			o	Bark exfoliates to gray, green, orange, brown, and olive outlined by orange lenticils	No	Choose 'Allee,' 'Athena,' 'Dynasty,' 'Hallelujah,' 'Matthew,' 'Ohio,' 'Pathfinder,' or 'Zettler'
<i>Zelkova serrate</i> *	Japanese Zelkova	Vase-like			o	Bark exfoliates to show orange inner bark; yellow, orange, brown, deep red, and reddish-purple fall color	No	Choose 'Wireless' or 'Village Green'; transplant in spring; urban tolerant

\* Recommended for street trees

Lacebark Elm >



Japanese Zelkova >



< Sawtooth Oak

## Large Trees (Mature height greater than 50' tall; at least 8' growing space; plant at least 40' from each other and overhead utilities)

TREE SPECIES		SHAPE	GROWTH RATE			VISUAL INTEREST	NATIVE	CULTIVARS, NOTES
Scientific Name	Common Name		Slow	Mod.	Rapid			
<i>Acer rubrum</i> *	Red Maple	Rounded			o	Red buds in winter, flowers in spring, leafstalks in summer, and fall color	Yes	Choose 'Autumn Flame,' 'Northwood,' 'October Glory,' or 'Red Sunset'
<i>Acer saccharum</i> *	Sugar Maple	Oval			o	Yellow to red fall color	Yes	Choose 'Crescendo,' 'Green Mountain,' or 'Legacy'; tolerates shade; does not like salt or confined areas
<i>Acer nigrum</i> *	Black Maple	Rounded	o			Yellow to orange-red fall color	Yes	Choose 'Greencolumn';
<i>Aesculus hippocanstrum</i> *	Horsechestnut	Oval	o			Showy white panticles with yellow and red at base	No	Choose 'Baumanii'; nuts
<i>Aesculus octandra</i>	Yellow Buckeye	Oval			o	Yellow flowers; brilliant pumpkin fall color	Yes	Nuts
<i>Alnus glutinosa</i> *	European Alder	Pyramidal or columnar			o		No	Choose 'Fastigiata' or 'Pyramidalis'; good for difficult sites
<i>Catalpa speciosa</i> *	Northern Catalpa	Oval			o	Showy white trumpet-shaped flowers; large bright heart-shaped leaves	Yes	Fruit and flowers can be slippery on sidewalks; attracts hummingbirds
<i>Carya cordiformis</i>	Bitternut Hickory	Cylindrical			o	Yellow to golden fall color	Yes	Edible nuts; can be used to hickory smoke meat; taproot can be difficult to transplant
<i>Carya glabra</i>	Pignut Hickory	Cylindrical			o	Yellow to golden fall color	Yes	Edible nuts; shade tolerant, taproot can be difficult to transplant
<i>Carya ovata</i>	Shagbark Hickory	Cylindrical			o	Deep yellow-green leaves; attractive yellow to golden fall color	Yes	Edible nuts; taproot can be difficult to transplant; needs space
<i>Carya tomentosa</i>	Mockernut Hickory	Columnar			o		Yes	
<i>Celtis occidentalis</i> *	Hackberry	Rounded			o		Yes	Choose 'Prairie Pride,' wind and pollution resistant; edible fruit is popular with winter birds

\* Recommended for street trees

Hackberries >



Shagbark Hickory >



< Northern Catalpa

## Large Trees (Mature height greater than 50' tall; at least 8' growing space; plant at least 40' from each other and overhead utilities)

TREE SPECIES		SHAPE	GROWTH RATE			VISUAL INTEREST	NATIVE	CULTIVARS, NOTES
Scientific Name	Common Name		Slow	Mod.	Rapid			
<i>Cercidiphyllum japonicum</i> *	Katsura Tree	Pyramidal to spreading		o		Outstanding yellow to apricot early fall color	No	Autumn leaves give off spicy brown sugar scent
<i>Cladrastis kentukea</i> *	Yellowwood	Rounded		o		White, pea-like flowers in 10-16" clusters; yellow, gold, and orange fall color	Yes	Choose 'Rosea'; fragrant flowers
<i>Corylus columa</i> *	Turkish Filbert	Pyramidal	o				No	Fruits are attractive to squirrels
<i>Eucommia ulmoides</i> *	Hardy Rubber Tree	Rounded	o			Glossy dark green leaves appear to glimmer in moonlight	No	Drought resistant; excellent median tree; rubbery substance when leaf is broken
<i>Fagus grandifolia</i>	American Beech	Oval to pyramidal		o		Bronze fall color	Yes	Nuts are edible and attract wildlife; needs space
<i>Fagus sylvatica</i>	European Beech	Oval	o			Russet brown and golden bronze in fall	No	Nuts are edible; long history of human cultivation; needs space
<i>Ginkgo biloba</i> *	Ginkgo	Upright	o			Yellow fall color	Yes	Choose 'Autumn Gold,' 'Lakeview,' 'Presidential Goal,' or 'Princeton Sentry'; male trees only; excellent median tree
<i>Gleditsia tricanthos inermis</i> *	Thornless Honeylocust	Irregular		o		Yellow fall color	Yes	Choose 'Northern Acclaim,' 'Shademaster,' or 'Skyline'
<i>Gymnocladus dioicus</i> *	Kentucky Coffeetree	Rounded		o			Yes	Choose 'Espresso' or 'Prairie Titan'; male trees preferred because they do not bear fruit
<i>Liquidambar styraciflua</i> *	American Sweetgum	Oval			o	Distinct spiny fruit balls; yellow, orange, red, and purple fall color	Yes	Choose 'Cherokee,' 'Gold Dust,' 'Grandmaster,' 'Happidaze,' or 'Moraine'
<i>Liriodendron tulipifera</i> *	Tulip Tree	Oval			o	Yellow fall color	Yes	Choose 'Arnold' or 'Fastigiatum'; needs space
<i>Magnolia acuminata</i> *	Cucumbertree	Rounded			o	Showy elongated fruit with red seeds; yellow-bronze fall color	Yes	Choose 'Variegata' var subcordata; fragrant flowers

\* Recommended for street trees

American Beech >



Ginkgo >



< American Sweetgum



# Large Trees (Mature height greater than 50' tall; at least 8' growing space; plant at least 40' from each other and overhead utilities)

TREE SPECIES		SHAPE	GROWTH RATE			VISUAL INTEREST	NATIVE	CULTIVARS, NOTES
Scientific Name	Common Name		Slow	Mod.	Rapid			
<i>Metasequoia glyptostroboides</i> *	Dawn Redwood	Pyramidal			o	Deciduous needles with unique pinkish tan to reddish bronze fall color	No	Choose 'Emerald Feathers,' 'National,' or 'Sheridan Spire'; tree
<i>Nyssa sylvatica</i> *	Black Tupelo	Oval	o			May have yellow, orange, red, purple, and scarlet fall color all on the same branch	Yes	
<i>Platanus x acerifolia</i> *	London Plane Tree	Pyramidal		o		Red-brown scales flake to show creamy inner bark	No	Choose 'Bloodgood,' 'Columbia,' 'Exclamation!' 'Liberty,' 'Metroshade,' 'Ovation,' or 'Yardwood'; drought and pollution resistant
<i>Quercus alba</i> *	White Oak	Oval	o			Showy purple-red, long lasting fall color develops late	Yes	Acorns attract an array of wildlife; can be difficult to transplant
<i>Quercus bicolor</i> *	Swamp White Oak	Rounded	o			Yellow fall color; red bark	Yes	Choose 'Regal Prince' or 'Rosehill'; produces acorns; plant spring only
<i>Quercus coccinea</i> *	Scarlet Oak	Rounded		o		Late red fall color	Yes	Produces acorns
<i>Quercus ellipsoidalis</i> *	Northern Pin Oak	Rounded	o			Scarlet fall color; orange inner bark	Yes	Produces acorns
<i>Quercus imbricaria</i> *	Shingle Oak	Rounded		o		Yellow/ red fall color	Yes	Produces acorns; plant spring only
<i>Quercus macrocarpa</i> *	Bur Oak	Rounded	o			Yellowish brown fall color	Yes	Produces acorns
<i>Quercus muehlenbergii</i> *	Chinkapin Oak	Rounded		o		Yellow, orange, and brown fall color	Yes	1" sweet acorns are preferred by many species
<i>Quercus palustris</i> *	Pin Oak	Pyramidal			o	Russet, bronze, or red fall color	Yes	Acorns are an important food for ducks and attractive to other wildlife
<i>Quercus robur</i> *	English Oak	Rounded		o			No	Choose 'Attention!' 'Crimson Spire,' 'Regal Prince,' 'Rosehill,' 'Skymaster,' or 'Skyrocket'; produces acorns; needs space

\* Recommended for street trees



## Large Trees (Mature height greater than 50' tall; at least 8' growing space; plant at least 40' from each other and overhead utilities)

TREE SPECIES		SHAPE	GROWTH RATE			VISUAL INTEREST	NATIVE	CULTIVARS, NOTES
Scientific Name	Common Name		Slow	Mod.	Rapid			
<i>Quercus rubra</i> *	Northern Red Oak	Rounded			o	Yellow to red fall color	Yes	Choose 'Splendens'; produces acorns; tolerates pollution and compacted soil
<i>Quercus shumardii</i> *	Shumard Oak	Rounded		o		Showy orange to red fall color	Yes	Deer and squirrels love acorns; urban and drought tolerant
<i>Styphnolobium japonicum</i> *	Japanese Pagoda Tree	Rounded		o		Yellow to creamy white pea-like flowers in 6-12" clusters bloom in August	No	Choose 'Millstone,' 'Princeton Upright,' or 'Regent'; pollution tolerant; flowers slightly fragrant
<i>Taxodium distichum</i> *	Bald Cypress	Pyramidal		o		Deciduous conifer needles; reddish brown fall color	Yes	Choose 'Shawnee Brave'; plant spring only; ideal for wet soils
<i>Tilia americana</i> *	American Linden	Oval		o		Small creamy white flowers	Yes	Choose 'American Sentry,' 'Boulevard,' 'Fastigiata,' 'Legend,' 'Lincoln,' or 'Redmond'; fragrant flowers are attractive to bees
<i>Tilia tomentosa</i> *	Silver Linden	Oval		o		Yellow-white flowers; foliage has silver underside	No	Choose 'Green Mountain,' 'Satin Shadow,' or 'Sterling'; heat and drought resistance; fragrant flowers attract bees
<i>Tilia x euchlora</i> *	Crimean Linden	Oval			o	Yellow-white pendulous flowers	Yes	Choose 'Laurelhurst'; blossoms are fragrant; tolerant of pollution and difficult sites
<i>Ulmus Americana</i> *	American Elm	Vase-like		o		Yellow fall color	Yes	Choose 'New Harmony' or 'Valley Forge' (Dutch Elm disease resistant)
<i>Ulmus x</i> *	Hybrid Elm	Vase-like			o			Choose 'Accolade,' 'Commendation,' 'Frontier,' 'Homestead,' or 'Triumph' (Dutch Elm disease resistant)
<i>Zelkova serrata</i> *	Japanaese Zelkova	Vase-like		o		Red fall color; ornamental bark	No	Choose 'Green Vase,' 'Green Veil,' 'Halka,' 'Illinois Hardy,' 'Musashino,' 'Spring Grove,' or 'Village Green'; excellent median tree

\* Recommended for street trees

Japanese Pagoda Tree >



Shumard Oak >



< Silver Linden



# Coniferous and Evergreen Trees

TREE SPECIES		SHAPE	GROWTH RATE			VISUAL INTEREST	NATIVE	CULTIVARS, NOTES
Scientific Name	Common Name		Slow	Mod.	Rapid			
Small Trees (Mature height 15'-30'; at least 4' of growing space; plant at least 20' apart)								
<i>Juniperus chinensis</i> *	Chinese Juniper	Pyramidal		o		Blue-green to gray-green needles	No	
<i>Taxus cuspidate</i>	Japanese Yew	Shrub	o			Spiny-tipped dark green needles are lighter underneath; female plants produce red berries	No	Tolerant of shade and urban conditions; good soil drainage essential
Medium Trees (Mature height 30'-45'; at least 6'-8' of growing space; plant 30' apart and 20'-40' from overhead utilities)								
<i>Juniperus virginiana</i> *	Eastern Red Cedar	Columnar		o		Needles have bronze cast during cold months	Yes	Choose 'Burkii,' 'Canaertii,' 'Glauca,' or 'Hillii'; needles have strong cedar scent
<i>Thuja occidentalis</i> *	Eastern Arborvitae	Pyramidal	o			Rich green summer color often yellows in winter	Yes	Natural choice for windbreaks
Large Trees (Mature height greater than 45'; at least 8' growing space; plant at least 40' from each other and any overhead utilities)								
<i>Abies concolor</i>	White Fir	Pyramidal	o			Light-colored bark; silver blue-green needles	Yes	Tolerates most soils and drought
<i>Juniperus virginiana</i> *	Eastern Red Cedar	Columnar		o		Needles have bronze cast during cold months	Yes	Choose 'Burkii,' 'Canaertii,' 'Glauca,' or 'Hillii'; needles have strong cedar scent
<i>Picea abies</i>	Norway Spruce	Pyramidal			o		No	Support a variety of wildlife, including deer, hare, songbirds, hawks, and owls
<i>Pinus banksiana</i>	Jack Pine	Pyramidal to shrubby		o		Short needles grow in pairs	Yes	Drought and poor soil tolerant

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Scientific Name	Common Name		Slow	Mod.	Rapid			
Large Trees (Mature height greater than 45'; at least 8' growing space; plant at least 40' from each other and any overhead utilities)								
<i>Picea glauca</i>	White Spruce	Pyramidal	o			Bright green to bluish needles	Yes	Choose 'Black Hills Spruce' (var. densata); tough tree good for difficult sites
<i>Picea pungens</i>	Colorado Blue Spruce	Columnar	o			Distinctive silver blue-green color	Yes	Wind firm root system
<i>Picea omorika</i>	Serbian Spruce	Pyramidal	o			Thin arching branches; light green to blue-green needles; showy purple cones	No	Pollution tolerant; attracts birds
<i>Pinus cembra</i>	Swiss Stone Pine	Pyramidal	o				No	Cone seeds are edible
<i>Pinus nigra</i>	Austrian Pine	Oval		o		Dark green needles	No	Hardy; tolerates poor soil, pollution, salt, drought, and heat
<i>Pinus resinosa</i>	Red Pine	Oval		o		Reddish bark	Yes	Cold tolerant; dislikes heat, wind, and salt
<i>Pinus strobus</i>	Eastern White Pine	Oval			o	Long, silvery-tipped cones	Yes	Easy to transplant; seeds eaten by chickadees, rabbits, and bears
<i>Pinus sylvestris</i>	Scots Pine	Oval		o			No	Easy to transplant; tolerates poor, dry sites
<i>Pseudotsuga menziesii</i>	Douglasfir	Pyramidal		o		Needles are yellow-green to bluish-green	Yes	Does not tolerate dry or poor soil
<i>Tsuga canadensis</i>	Eastern Hemlock	Pyramidal		o		Soft, graceful branches	Yes	May be sheared to any height or shape

\* Recommended for street trees

