

Increasing Tree Diversity in the Urban Landscape: Alternatives to Planting Ash

Revised 02/27/07

List Premises:

- ↑ For purposes of overall diversity a number of commonly used trees have been omitted from this recommended list. This does not mean that they cannot be used, rather that the committee felt that their inclusion may have influenced reforestation efforts in such a way as to create future pest and diversity problems.
- ↑ When the species only is listed, then all cultivars and the species are recommended.
- ↑ When the species and cultivars are listed, then only the species and the selected cultivars are recommended.
- ↑ Northern Illinois is the region north of I-80.
- ↑ Central Illinois is from I-80 on the north to I-70 on the south.
- ↑ Southern Illinois the region south of I-70.
- ↑ It is the recommendation of this committee that those trees provided to private property owners match the size being planted by the local government.
- ↑ The committee recommends that trees be purchased within 200 miles radius of their planting location.
- ↑ Trees may be purchased as bare-root, balled & burlapped (B&B), grow bag or container grown. Size requirements, availability and planting time restraints may be used to determine what harvesting method is acceptable for individual planting projects.
- ↑ Private Property designation includes residential, corporate, parks, golf courses, cemeteries or any other planting site other than the public right-of-way between the street curb and the adjacent private property line.
- ↑ City Parkway designation refers to the public right-of-way. The public right of way is measured from private property line to private property line and includes but is not limited to street surface, sidewalks, medians, plaza's, traffic circles, curbs and parkways or boulevards.
- ↑ All trees listed under the City Parkway designation are to be single stem (tree form).

Tree Species for Northern Illinois				Planting Site					Other			
Common Name	Scientific Name			City parkway	Sidewalk cut out	Private property	Under wires	Salt tolerant	Spring planting best	Availability	Hardiness	Ease of transplant
	Genus	Species	Cultivar									
White Fir	<i>Abies</i>	<i>concolor</i>				●				AV	GD	GD
Hedge Maple	<i>Acer</i>	<i>campestre</i>		●		●	●	●		AV	GD	GD
Miyabe Maple	<i>Acer</i>	<i>miyabei</i>		●		●	●			GD	GD	GD
State Street® Miyabe Maple	<i>Acer</i>	<i>miyabei</i>	Morton'	●		●	●			GD	GD	GD
Black Maple	<i>Acer</i>	<i>nigrum</i>		●		●				LTD	AV	AV
Sycamore Maple	<i>Acer</i>	<i>pseudoplatanus</i>		●	●	●		●	●	NA	AV-PR	AV
Fall Fiesta Sugar Maple	<i>Acer</i>	<i>saccharum</i>	Fall Fiesta			●				AV	GD	AV
Green Mountain® Sugar Maple	<i>Acer</i>	<i>saccharum</i>	'PNI 0285'	●		●				AV	AV	AV
Skinner's Cut-leaved Silver Maple	<i>Acer</i>	<i>saccharinum</i>	Skinneri'	●		●				NA	GD	GD
Silver Queen Silver Maple	<i>Acer</i>	<i>saccharinum</i>	Silver Queen	●		●				NA	GD	GD
Norwegian Sunset® Maple	<i>Acer</i>		Norwegian Sunset®	●		●	●			LTD	GD	GD
Pacific Sunset® Maple	<i>Acer</i>		Pacific Sunset®	●		●	●			AV	GD	GD
Autumn Fantasy Maple	<i>Acer</i>	<i>x freemanii</i>	Autumn Fantasy'	●		●				GD	GD	GD
Marmo Maple	<i>Acer</i>	<i>x freemanii</i>	'Marmo'	●		●				GD	GD	GD
Sienna Maple	<i>Acer</i>	<i>x freemanii</i>	'Sienna'	●		●	●			LTD	GD	GD
Ohio Buckeye	<i>Aesculus</i>	<i>glabra</i>		●	●	●				AV	GD	AV
Baumann Horsechestnut	<i>Aesculus</i>	<i>hippocastanum</i>	Baumanni'	●	●	●		●		LTD	GD	AV
Yellow Buckeye	<i>Aesculus</i>	<i>octandra</i>		●		●		●		LTD	GD	AV
European Black Alder **	<i>Alnus</i>	<i>glutinosa</i>				●				GD	GD	GD
White Alder **	<i>Alnus</i>	<i>incana</i>				●				LTD	GD	GD
Apple Serviceberry	<i>Amelanchier</i>	<i>x grandiflora</i>		●		●	●			LTD	GD	GD
Allegheny serviceberry	<i>Amelanchier</i>	<i>laevis</i>		●		●	●			LTD	GD	GD
River Birch	<i>Betula</i>	<i>nigra</i>		●		●		●		GD	GD	AV
European Hornbeam	<i>Carpinus</i>	<i>betulus</i>		●		●		●		AV	GD	DIF
American Hornbeam	<i>Carpinus</i>	<i>caroliniana</i>		●		●	●			AV	GD	DIF
Bitternut Hickory	<i>Carya</i>	<i>cordiformis</i>				●		●		NA	AV-PR	DIF
Shellbark Hickory	<i>Carya</i>	<i>laciniosa</i>				●		●		NA	AV-PR	DIF
Pignut Hickory	<i>Carya</i>	<i>glabra</i>				●		●		NA	AV-PR	DIF
Mockernut Hickory	<i>Carya</i>	<i>tomentosa</i>				●		●		NA	AV-PR	DIF
Shagbark Hickory	<i>Carya</i>	<i>ovata</i>				●		●		LTD	AV	DIF

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Common Name	Scientific Name			City parkway	Sidewalk cut out	Private property	Under wires	Salt tolerant	Spring planting best	Availability	Hardiness	Ease of transplant
	Genus	Species	Cultivar									
Chinese Catalpa	<i>Catalpa</i>	<i>ovata</i>		●		●				VLTD	AV	GD
Northern Catalpa	<i>Catalpa</i>	<i>speciosa</i>		●	●	●		●		GD	GD	GD
Chicagoland Hackberry	<i>Celtis</i>	<i>occidentalis</i>	'Chicagoland'	●	●	●				LTD	GD	GD
Hackberry	<i>Celtis</i>	<i>occidentalis</i>		●	●	●				GD	GD	GD
Windy City Hackberry	<i>Celtis</i>	<i>occidentalis</i>	'Windy City'	●	●	●				LTD	GD	GD
Katsuratree	<i>Cercidiphyllum</i>	<i>japonicum</i>				●			●	GD	GD	DIF
Eastern Redbud	<i>Cercis</i>	<i>canadensis</i>		●		●	●		●	GD	GD	AV
Whitebud	<i>Cercis</i>	<i>canadensis</i>	'Alba'	●		●	●		●	VLTD	AV-PR	AV
Pagoda Dogwood	<i>Cornus</i>	<i>alternifolia</i>				●	●		●	AV	AV	AV
Corneliancherry Dogwood	<i>Cornus</i>	<i>mas</i>		●		●	●		●	GD	GD	GD
Turkish Hazelnut	<i>Corylus</i>	<i>colurna</i>		●		●			●	AV	AV	AV
Thornless Cockspur Hawthorn	<i>Crataegus</i>	<i>crusgalli</i>	var. <i>inermis</i>	●		●	●		●	GD	GD	GD
Washington Hawthorn	<i>Crataegus</i>	<i>phaenopyrum</i>				●	●		●	GD	GD	GD
Winter King Green Hawthorn	<i>Crataegus</i>	<i>viridis</i>	'Winter King'			●	●		●	GD	GD	GD
Hardy Rubber Tree	<i>Eucommia</i>	<i>ulmoides</i>				●				VLTD	AV	GD
American Beech	<i>Fagus</i>	<i>grandifolia</i>				●			●	LTD	GD	DIF
Copper Beech	<i>Fagus</i>	<i>sylvatica</i>	'Cuprea'			●			●	AV	GD	DIF
Fern-leaved European Beech	<i>Fagus</i>	<i>sylvatica</i>	Asplenifolia'			●			●	AV	GD	DIF
Ginkgo, Male only	<i>Ginkgo</i>	<i>biloba</i>		●	●	●				AV	GD	GD
Magyar Ginkgo	<i>Ginkgo</i>	<i>biloba</i>	'Magyar'	●	●	●				LTD	GD	GD
Princeton Sentry Ginkgo	<i>Ginkgo</i>	<i>biloba</i>	Princeton Sentry'	●	●	●				LTD	GD	GD
Kentucky Coffeetree	<i>Gymnocladus</i>	<i>dioicus</i>		●	●	●		●		GD	GD	GD
Black Walnut	<i>Juglans</i>	<i>nigra</i>				●		●	●	LTD	AV	DIF
Canaert Eastern Redcedar	<i>Juniperus</i>	<i>virginiana</i>	Canaertii'			●		●	●	AV	GD	GD
Eastern Redcedar	<i>Juniperus</i>	<i>virginiana</i>				●		●	●	AV	GD	GD
Chinese Juniper	<i>Juniperus</i>	<i>chinensis</i>	Upright cultivars			●		●	●	AV	GD	GD
Moraine Sweetgum	<i>Liquidambar</i>	<i>styraciflua</i>	'Moraine'	●		●			●	LTD	AV-PR	DIF
Tuliptree	<i>Liriodendron</i>	<i>tulipifera</i>				●			●	LTD	AV-PR	DIF
Korean Crabapple	<i>Malus</i>	<i>baccata</i>	var. <i>jackii</i>			●	●		●	GD	GD	GD
Beverly Crabapple	<i>Malus</i>		'Beverly'			●	●		●	GD	GD	GD
Cardinal Crabapple	<i>Malus</i>		'Cardinal'			●	●		●	GD	GD	GD
Purple Prince Crabapple	<i>Malus</i>		Purple Prince			●	●		●	GD	GD	GD
Red Jewel Crabapple	<i>Malus</i>		'Jewelcole'			●	●		●	GD	GD	GD
Red Peacock Crabapple	<i>Malus</i>		Red Peacock'			●	●		●	GD	GD	GD
Sargent's Crabapple	<i>Malus</i>	<i>sargentii</i>				●	●		●	GD	GD	GD
Golden Raindrops® Crabapple	<i>Malus</i>	<i>transitoria</i>	'Schmidtcutleaf'			●	●		●	GD	GD	GD
Zumi Crabapple	<i>Malus</i>	<i>x zumi</i>				●	●		●	GD	GD	GD
Dawn Redwood	<i>Metasequoia</i>	<i>glyptostroboides</i>		●	●	●			●	VLTD	AV	AV
Black Gum, Tupelo	<i>Nyssa</i>	<i>sylvatica</i>				●			●	LTD	AV-PR	AV
Ironwood	<i>Ostrya</i>	<i>virginiana</i>		●		●			●	AV	GD	GD
Black Hills Spruce	<i>Picea</i>	<i>glauca</i>	'Densata'			●		●		GD	GD	GD
Serbian Spruce	<i>Picea</i>	<i>omorika</i>				●		●		GD	GD	GD
Blue Spruce	<i>Picea</i>	<i>pungens</i>				●				GD	GD	GD
London Plane Tree	<i>Platanus</i>	<i>x acerifolia</i>	Exclamation	●	●	●		●	●	LTD	AV	GD
Robusta Poplar	<i>Populus</i>	<i>x euramerica</i>	'Robusta'	●		●		●	●	LTD	AV	GD
Siouxland Poplar	<i>Populus</i>	<i>deltoides</i>	'Siouxland'	●		●		●	●	LTD	AV	GD
Quaking Aspen	<i>Populus</i>	<i>tremuloides</i>				●		●	●	AV	AV	GD
Sargent Cherry	<i>Prunus</i>	<i>sargentii</i>		●	●	●			●	VLTD	AV	GD
Canada Red Choke Cherry	<i>Prunus</i>	<i>virginiana</i>	'Canada Red'	●	●	●				AV	AV	GD
White Oak	<i>Quercus</i>	<i>alba</i>				●			●	LTD	GD	DIF
Crimson Spire™ Oak	<i>Quercus</i>	<i>alba x robur</i>	Crimschmidt'	●	●	●			●	VLTD	GD	AV
Swamp White Oak	<i>Quercus</i>	<i>bicolor</i>		●	●	●			●	GD	GD	GD
Hill's Oak	<i>Quercus</i>	<i>ellipsoidalis</i>		●		●			●	AV	AV	GD
Shingle Oak	<i>Quercus</i>	<i>imbricaria</i>		●		●			●	AV	AV	AV
Bur Oak	<i>Quercus</i>	<i>macrocarpa</i>		●		●			●	GD	AV	DIF
Chinkapin Oak	<i>Quercus</i>	<i>muehlenbergii</i>		●		●			●	AV	GD	AV
English Oak	<i>Quercus</i>	<i>robur</i>		●	●	●		●	●	VLTD	GD	AV
Regal Prince English Oak	<i>Quercus</i>	<i>robur</i>	Regal Prince	●	●	●			●	GD	GD	AV
Skymaster® English Oak	<i>Quercus</i>	<i>robur</i>	Pyramich'	●	●	●			●	VLTD	GD	AV
Heritage® Macdaniel's Oak	<i>Quercus</i>	<i>x macdanielii</i>	Clemons'	●	●	●		●	●	VLTD	GD	AV

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Shumard's Oak	<i>Quercus</i>	<i>shumardii</i>		●		●			●	LTD	GD	AV
Chicago Blues Black Locust	<i>Robinia</i>	<i>pseudoacacia</i>	Chicago Blues'	●	●	●		●	●	LTD	AV	AV
China Snow® Peking Lilac	<i>Syringa</i>	<i>pekinensis</i>	Morton'	●		●	●		●	GD	GD	GD
Ivory Silk Japanese Tree Lilac	<i>Syringa</i>	<i>reticulata ssp. reticulata</i>	'Ivory Silk'	●	●	●	●	●		GD	GD	GD
Summer Snow Japanese Tree lilac	<i>Syringa</i>	<i>reticulata ssp. reticulata</i>	'Summer Snow'	●	●	●	●	●		LTD	GD	GD
Baldcypress	<i>Taxodium</i>	<i>distichum</i>		●	●	●		●	●	GD	GD	GD
Shawnee Brave	<i>Taxodium</i>	<i>distichum</i>	Shawnee Brave	●	●	●		●	●	GD	GD	GD
American Linden	<i>Tilia</i>	<i>americana</i>		●		●				AV	GD	GD
Boulevard Linden	<i>Tilia</i>	<i>americana</i>	'Boulevard'	●		●				LTD	GD	GD
Legend™ Linden	<i>Tilia</i>	<i>americana</i>	Wandell'	●		●				LTD	GD	GD
Redmond Linden	<i>Tilia</i>	<i>americana</i>	Redmond'	●		●				GD	GD	GD
American Sentry Linden	<i>Tilia</i>	<i>americana</i>	American Sentry	●		●				GD	GD	GD
Bigleaf Linden	<i>Tilia</i>	<i>platyphyllos</i>		●		●				LTD	GD	GD
Green Mountain® Silver Linden	<i>Tilia</i>	<i>tomentosa</i>	PNI 6051	●		●				VLTD	GD	GD
Sterling Silver™ Silver Linden	<i>Tilia</i>	<i>tomentosa</i>	Sterling'	●		●				LTD	GD	GD
Accolade Elm	<i>Ulmus</i>		Accolade	●	●	●				AV	GD	GD
Prospector Wilson's Elm	<i>Ulmus</i>	<i>wilsoniana</i>	Prospector'	●	●	●				AV	GD	GD
Commendation Elm	<i>Ulmus</i>	<i>carpinifolia</i>	Commendation	●	●	●				AV	GD	GD
Regal Elm	<i>Ulmus</i>	<i>carpinifolia</i>	Regal'	●	●	●				AV	GD	GD
Triumph™ Elm	<i>Ulmus</i>		Morton Glossy'	●	●	●				GD	GD	GD
Village Green Japanese Zelkova	<i>Zelkova</i>	<i>serrata</i>	'Village Green'	●		●		●	●	LTD	AV	AV

**** These species may be invasive and should not be planted in or adjacent to natural areas.**

List Key:

City Parkway	The city parkway refers to a predominantly, continuous soil planting area within the public right-of-way, typically adjacent to the curb line of a street.
Sidewalk Cut-out	A sidewalk cut-out refers to an opening in a sidewalk completely surrounded by concrete, asphalt, or pavers.
Private Property	Private property includes residential, corporate, parks, golf courses, cemeteries, or any other landscaped planting site not within the public right-of-way.
Under Wires	Smaller trees better suited for planting under utility wires.
Salt Tolerant	Salt tolerant trees are recommended for use in areas which are subject to road salt.
Spring Planting Best	Trees which may require spring planting or at least to be nursery dug in the spring to improve establishment and survivability rates.
Availability	
	GD = Good: commonly available in most nurseries
	AV = Average: available in many nurseries
	LTD = Limited: available in some nurseries in limited quantities
	VLTD = Very Limited: somewhat difficult to find in nurseries
	NA = Not Available: currently no known growers
Hardiness	
	EX = Excellent: good overall survivability
	GD = Good: performs well
	AV = Average: grows within the area
	AV-PR= Average to Poor: may grow within protected sites but otherwise not survive in exposed sites.
Ease of Transplant	
	GD = Good: Easily transplantable
	AV = Average: Transplants reasonably well
	DIF= Difficult: Requires special consideration for successful transplant