

Date August 24, 2009

RESOLUTION APPROVING A LIST OF TREE SPECIES RECOMMENDED FOR PLANTING IN THE PUBLIC RIGHTS-OF-WAY AND AS REQUIRED REPLACEMENT TREES

WHEREAS, there is pending before the City Council an ordinance to enact a new Article X to Chapter 42 to be known as the Tree Removal and Mitigation Ordinance, and to amend Section 122-58 regarding the types of trees that may be planted within the rights-of-way of public highways, streets and alleys, which both reference a list of recommended tree species approved by the City Council by resolution; and,

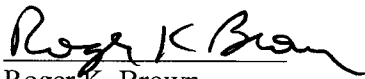
WHEREAS, the Community Development Director has recommended that the accompanying document titled Recommended Tree Species for Use in the City of Des Moines, Iowa, be adopted as the list of tree species recommended for planting in the public rights-of-way and as required replacement trees; NOW, THEREFORE,

BE IT RESOLVED, by the City Council of the City of Des Moines, Iowa, that the accompany document titled Recommended Tree Species for Use in the City of Des Moines, Iowa, is hereby adopted as the list of tree species recommended for use in the City.

(Council Communication No. 09- 616)

MOVED by _____ to adopt.

FORM APPROVED:



Roger K. Brown

Assistant City Attorney

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COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
HENSLEY				
KIERNAN				
MAHAFFEY				
MEYER				
VLASSIS				
TOTAL				

MOTION CARRIED

APPROVED

Mayor

CERTIFICATE

I, DIANE RAUH, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk

Recommended Tree Species

The following species of trees are all recommended for use in the City of Des Moines. Removal of any trees of the following species may be subject to mitigation (a requirement to plant replacement trees) under the Tree Removal and Mitigation Ordinance.

Trees hereafter planted within the public rights-of-way or as required replacement trees pursuant to the Tree Removal and Mitigation Ordinance shall be of a species recommended below for planting in such locations.

Recommended Street Trees

The following species of trees are recommended for planting in the public rights-of-way and on other public and private property. However, such trees shall not hereafter be planted where there is an overhead transmission line.

COMMON NAME	TAXONOMIC NAME
Cleveland Norway Maple	Acer platanoides 'Cleveland'
Columnar Norway Maple	Acer platanoides 'Columnare'
Crimson King Norway Maple	Acer platanoides 'Crimson King'
Deborah Norway Maple	Acer platanoides 'Deborah'
Emerald Lustre Norway Maple	Acer platanoides 'Pond'
Emerald Queen Norway Maple	Acer platanoides 'Emerald Queen'
Olmsted Norway Maple	Acer platanoides 'Olmsted'
Parkway Norway Maple	Acer platanoides 'Columnarbroad'
Schwedler Norway Maple	Acer platanoides 'Schwedleri'
Summershade Norway Maple	Acer platanoides 'Summershade'
Superform Norway Maple	Acer platanoides 'Superform'
Autumn Flame Red Maple	Acer rubrum 'Autumn Flame'
Bowhall Red Maple	Acer rubrum 'Bowhall'
Karpick Red Maple	Acer rubrum 'Karpick'
Northwood Red Maple	Acer rubrum 'Northwood'
October Glory Red Maple	Acer rubrum PNI 0268
Red Sunset Red Maple	Acer rubrum 'Franksred'
Bonfire Sugar Maple	Acer saccharum 'Bonfire'
Goldspire Sugar Maple	Acer saccharum 'Goldspire'
Green Mountain Sugar Maple	Acer saccharum PNI 0285
Legacy Sugar Maple	Acer saccharum 'Legacy'
Seneca Chief Sugar Maple	Acer saccharum 'Seneca Chief'
Autumn Blaze Freeman Maple	Acer x freemanii 'Jeffersred'
Celebration Freeman Maple	Acer x freemanii 'Celzam'
Scarlet Sentinel Freeman Maple	Maple Acer x freemanii 'Scarsen'
Armstrong Freeman Maple	Acer x freemanii 'Armstrong'
Shantung Norwegian Sunset Maple	Acer trun. x A. plat. 'Norwegian Sunset'
Keithform Maple	Acer trun. x A. plat. 'Keithform'
Pacific Sunset Maple	Acer trun. x A. plat. 'Pacific Sunset'
Shantung Maple	Acer trun. x A. plat. 'Warren Red'
Prairie Pride Hackberry	Celtis occidentalis 'Prairie Pride'
Autumn Gold Ginkgo	Ginkgo biloba 'Autumn Gold'
Lakeview Ginkgo	Ginkgo biloba 'Lakeview'
Princeton Sentry Ginkgo	Ginkgo biloba PNI 2720
Imperial Honeylocust	Gleditsia triacanthos 'Impcole'

Shademaster Honeylocust	Gleditsia triacanthos PNI 2835
Skyline Honeylocust	Gleditsia triacanthos 'Skycole'
Kentucky Coffeetree	Gymnocladus dioicus
Golden Raintree	Koelreuteria paniculata
Gold Dust Sweetgum	Liquidambar styraciflua 'Godozum'
Moraine Sweetgum	Liquidambar styraciflua 'Moraine'
Tuliptree	Liriodendron tulipifera
Magnolia Cucumbertree	Magnolia acuminata
Macho Amur Corktree	Phellodendron amurense 'Macho'
Shademaster Amur Corktree	Phellodendron amurense PNI 4551
Bloodgood London Planetree	Platanus x acerfolia 'Bloodgood'
White Sawtooth Oak	Quercus acutissima
Swamp White Oak	Quercus bicolor
Shingle Oak	Quercus imbricaria
Bur Oak	Quercus macrocarpa
English Attention English Oak	Quercus robur DTR 105
Fastigate English Oak	Quercus robur fastigiata
Skymaster English Oak	Quercus robur 'Pyramich'
Skyrocket English Oak	Quercus robur 'Skyrocket'
Northern Red Oak	Quercus rubra
Group Shumard Oak	Quercus shumardi
Ivory Silk Japanese Tree Lilac	Syringa reticulata 'Ivory Silk'
American Legend Linden	Tilia americana 'Wandell'
Redmond American Linden	Tilia americana 'Redmond'
Littleleaf Linden	Tilia cordata
Chancellor Littleleaf Linden	Tilia cordata 'Chancole'
Corinthian Littleleaf Linden	Tilia cordata 'Corzam'
Fairview Littleleaf Linden	Tilia cordata 'Fairview'
Glenleven Littleleaf Linden	Tilia cordata 'Glenleven'
Greenspire Littleleaf Linden	Tilia cordata PNI 6025
Silver Linden	Tilia tomentosa
Green Mountain Silver Linden	Tilia tomentosa PNI 6051
Sterling Silver Linden	Tilia tomentosa 'Wandell'
American/Princeton Elm	Ulmus americana

Recommended Street Trees for Planting Under Transmission Lines

The following species of trees are recommended for planting in public rights-of-way and on other public and private property. Planting in public rights-of-way shall only happen where there is an overhead transmission line.

COMMON NAME	TAXONOMIC NAME
Tatarian Maple	Acer tataricum Tree Form
Columnar Sargent Cherry	Prunus sargentii columnaris Tree Form
Dancer Birchleaf Pear	Pyrus betulifolia 'Southworth'
Aristocrat Callery Pear	Pyrus calleryana 'Aristocrat'
Autumn Blaze Callery Pear	Pyrus calleryana 'Autumn Blaze'
Chanticleer Callery Pear	Pyrus calleryana 'Chanticleer'
Cleveland Select Callery Pear	Pyrus calleryana 'Cleveland Select'
Stone Hill Callery Pear	Pyrus calleryana 'Stone Hill'
Redspire Callery Pear	Pyrus calleryana 'Redspire'
Tree Regent Japanese Tree Lilac	Syringa reticulata PNI 5723

Summer Snow Jap. Tree Lilac	<i>Syringa reticulata</i> 'Summer Snow'
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Recommended Overstory (Shade) Trees

The following species of trees are recommended for planting on public and private property, excluding rights-of-way. Such trees shall not be planted at locations where there is an overhead transmission line.

COMMON NAME	TAXONOMIC NAME
State Street Maple	<i>Acer miyabei</i> 'Morton'
Black Maple	<i>Acer nigrum</i>
Easy Street Norway Maple	<i>Acer platanoides</i> 'Ezestre'
Skinner's Cutleaf Maple	<i>Acer saccharinum</i> 'Skinneri'
Crescendo Maple	<i>Acer saccharum</i> 'Morton'
Clump River Birch	<i>Betula nigra</i> (multi-stem)
Hackberry	<i>Celtis occidentalis</i>
Maidenhair Tree	<i>Ginkgo biloba</i> Maidenhair Tree (Male)
Northern Red Oak	<i>Quercus borealis</i>
Shamrock Linden	<i>Tilia cordata</i> 'Baileyi'
Redmond Linden	<i>Tilia euchlora</i> 'Redmond'
Frontier Elm	<i>Ulmus</i> 'Frontier'
Accolade Elm	<i>Ulmus japonica x wilsoniana</i> 'Morton'
Vanguard Elm	<i>Ulmus</i> 'Morton Plainsman'
Allee Elm	<i>Ulmus parvifolia</i> 'Emer II'

Recommended Understory and Ornamental Trees

The following species of trees are recommended for planting on private property only, including at locations where there is an overhead transmission line.

COMMON NAME	TAXONOMIC NAME
Hedge Maple	<i>Acer campestre</i>
Clump Amur Maple	<i>Acer ginalla</i> (clump form)
Apollo Maple	<i>Acer saccharum</i> 'Barrett Cole'
Clump Serviceberry	<i>Amelanchier canadensis</i> (clump form)
Autumn Brilliance Serviceberry	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'
European Hornbeam	<i>Carpinus betulus</i>
Clump Eastern Redbud	<i>Cercis canadensis</i> , (clump form)
White Redbud	<i>Cercis canadensis</i> 'Alba'
Yellowwood	<i>Cladrastis lutea</i>
Cornelian Cherry Dogwood	<i>Cornus mas</i>
Clump Washington Thorn	<i>Crataegus phaenopyrum</i> (clump form)
Winter King Hawthorn	<i>Crataegus viridis</i> 'Winter King'
Amur Maackia	<i>Maackia amurensis</i>
Adirondack Crabapple	<i>Malus</i> 'Adirondack'
Prairifire Crabapple	<i>Malus</i> 'Prairifire'
Purple Prince Crabapple	<i>Malus</i> 'Purple Prince'
Hophornbeam	<i>Ostrya virginiana</i>

Corktree	Phellodendron 'His Majesty'
Newport Plum	Prunus americana 'Newport'
Spire Cherry	Prunus x hillieri 'Spire'
Glen's Form Pear	Pyrus calleryana 'Glen's Form'
Korean Sun Pear	Pyrus fauriei 'Westwood'

Recommended Coniferous Trees

The following species of trees are recommended for planting on public and private property. However, such trees shall not be planted within the public rights-of-way or at locations where there is an overhead transmission line.

COMMON NAME	TAXONOMIC NAME
Balsam Fir	Abies balsamea
White Fir	Abies concolor
Eastern Redcedar	Juniperus virginiana
Norway Spruce	Picea abies
Oriental Spruce	Picea orientalis
Colorado Blue Spruce	Picea pungens glauca
White Pine	Pinus strobus
Douglas Fir	Pseudotsuga taxifolia
Pond Baldcypress	Taxodium ascendens
Baldcypress	Taxodium distichum

Additional Species.

New and additional species of trees may be substituted for use in lieu of the species listed above if such substitute species are approved in writing by the appropriate City staff identified below. Such approval shall be given only if the substitute species is demonstrated to have characteristics similar to the tree species recommended above for use at that location.

Nature of proposed planting site	Appropriate City staff to review and approve
Within City parks	Park and Recreation Director or such Director's designee
Within the rights-of-way of highways, streets and alleys, and other City-owned property, excluding City parks	City Forester or the City Forester's designee
Any other site	Community Development Director or such Director's designee