

APPROVED LIST OF TREES for Paducah, McCracken County, Kentucky

DRAFT
5/13/2022

USDA Hardiness Zone: 7a

List Adopted by City of Paducah:

Compiled by Paducah Tree Advisory Board, Jonathan E. Perkins, Chairman

Common Name	Botanical Name:	Evergreen (E)/ Deciduous (D)	Approximate Size Ht. x Wt. (Feet):	Flowering:	Fruiting:	Shape/Habit:	General Information & Notes:	Kentucky Native:	USDA Zone:	Pest/Disease Resistance
SMALL TREES/ORNAMENTAL		<i>Typical Size: Less than 30'</i>								
Amur Maple	Acer ginnala	D						No		
Japanese Maple	Acer palmatum	D						No		
Three flowered Maple	Acer triflorum	D						No		
Shantung Maple	Acer truncatum	D						No		
Red Buckeye	Aesculus pavia	D	12-15 x 12-15	Spring	Not significant		Showy flowers, attracts hummingbirds	Yes	4-8	
Serviceberry, Downy	Amelanchier arborea	D	15-25 x 15-25	March to April	Summer, Edible		Tree-form	Yes	4-9	Good
Serviceberry	Amelanchier x grandiflora	D	15-25 x 15-25	April	Summer, Edible		Tolerates clay soil, air pollution	Yes	4-9	Good
cv. 'Autumn Brilliance'		D		Spring	Summer, Edible		Brilliant orange-red fall color	Yes/No	4-9	Good
Pawpaw	Asimina triloba	D	15-30 x 15-30	April to May	Large - potentially messy		Raingarden, wood plots; Tolerates wet soils, black walnut	Yes	5-9	Good
American hornbeam	Carpinus caroliniana	D	20-35 x 20-35	February	Not significant		Street tree, naturalization	Yes	3-9	Good
Redbud	Cercis spp.	D	20-30 x 25-35	April	Bean pods/Not offensive		Tolerates deer, black walnut, clay soils	Yes	4-8	Fair/Poor
cv. 'Appalachian Red'		D		Spring	Bean pods/Not offensive			Yes		
cv. 'Covey'		D		Spring	Bean pods/Not offensive			Yes		
cv. 'Forest Pansy'		D		Spring	Bean pods/Not offensive			Yes		
cv. 'Royal White'		D		Spring	Bean pods/Not offensive			Yes		
cv. 'Silver Cloud'		D		Spring	Bean pods/Not offensive			Yes		
Chinese redbud	Cercis chinensis	D						No		
White Fringetree	Chionanthus virginicus	D		Spring	Summer/Not Significant		Potential target for Emerald Ash Borer	Yes		
Chinese Fringetree	Chionanthus retusus	D						No		
Dogwood, Flowering	Cornus florida	D	15-30 x 15-30	April to May	Small red berries	Round	Can be finicky. Tolerate Deer, Clay Soil, Black Walnut	Yes	5-9	
cv. 'Cherokee Princess'		D								
cv. 'Cherokee Brave'		D								
Kousa or Korean Dogwood	Cornus kousa	D	15-30 x 15-30	May to June	Showy edible fruit		Street, Flowering tree; Edible fruit	No	5-8	Fair
cv. 'Wolf Eyes'		D								Fair
Dogwood, Cornelian cherry	Cornus mas	D						Yes		
cv. 'Golden Glory'		D								
add. cvs.		D								
Hawthorn	Crataegus viridis	D	25-35 x 15-20	Spring	Summer - through winter			Yes	4-7	
cv. 'Winterking'		D		Spring	Summer - through winter					
Witchhazel	Hammamelis x intermedia	D								
Possumhaw/Deciduous holly	Ilex verticillata cvs.	D						Yes		
Chinese juniper	Juniperus chinensis	E						No		
cv. 'Iowa'		E								
cv. 'Keteleeri'		E	15-20 x 4-6							
cv. 'Pfitzer'		E								
cv. 'Blue Point'		E	12-14 x 6-8							
Crape myrtle	Lagerstroemia indica	D	6-25 x 6-20					No	6-9	
add. cvs.		D								
Amur Maackia	Maackia amurensis	D	20-30 x 20-30	June			Showy, fragrant; shade, street, flowering tree	No	3-7	Good
Sweetbay magnolia	Magnolia virginiana var. australis, Henry Hicks,	Semi						Yes		Fair
var. australis, 'Henry Hicks'		Semi								Fair
cv. 'Northern Bell'		Semi								Fair
cv. 'Aiken County'		Semi								Fair
cv. 'Green Bay'		Semi								Fair
Star magnolia	Magnolia stellata spp.	D	15-20 x 10-15					No	4-8	
cv. 'Royal Star'	M. Stellata 'Royal Star'	D								
Crabapple	Malus spp. (disease resistant cultivars)	D					Small fruiting varieties only - Fruit may be messy	Yes		
cv. 'Donald Wyman'	M. 'Donald Wyman'	D								
cv. 'Zumi'	M. 'Zumi'	D								
Hop hornbeam, American	Ostrya virginiana	D						Yes		Fair
Sourwood	Oxydendrum arboreum	D						Yes		
Persian ironwood	Parrotia persica	D						No		Very Good
Ornamental flowering cherry	Prunus spp.	D						No		
Kwanzan Japanese cherry	Prunus serrulata 'Kwanzan'	D						No		
Okame cherry	P. x 'Okame'	D						No		

Yoshino cherry	P. x yedoensis	D						No		
Snowbell 'Pink Chimes'	Styrax japonicus 'Pink Chimes'	D						No		
Japanese tree lilac 'Ivory Silk' cv. 'Ivory Silk'	Syringa reticulata	D	20-30 x 15-20	June			Showy, fragrant; tolerates clayl, deer; B.flies/H.birds	No	3-7	Fair
American Arborvitae cv. 'Emerald'	Thuja occidentalis	E						Yes	2-7	
cv. 'North Pole'	Thuja occidentalis, 'Emerald'	E								
Blackhaw viburnum	Viburnum prunifolium	D						Yes		
MEDIUM-SIZED TREES										
<i>Typical Size: 30'-70'</i>										
Trident maple	Acer buergerianum	D								
Hedge maple	Acer campestre	D								
Paperbark maple	Acer griseum	D								
Box elder	Acer negundo	D					Often considered weak wooded; attractive varieties available	Yes		
River birch cv. 'Dura Heat'	Betula nigra	D						Yes		Fair
cv. 'Heritage'		D								Fair
European hornbeam cv. 'Frans Fontaine'	Carpinus betulus	D	40-60 x 30-40	March	Not significant		Shade, street tree		4-8	Good
Southern catalpa	Catalpa bignonioides	D			Not significant		Fastigate-columnar form		4-8	Good
Katsura tree	Cercidiphyllum japonicum	D	40-60 x 25-60	March-April			Leaves/wood have pungent odor when crushed/cut	Yes		Fair
Yellowwood cv. 'Perkins Pink'	Cladrastis kentukea	D	30-50 x 40-55	May	Bean pods, not offensive		Tolerates clay soils; Good fall color; low drought-tolerance	No	4-8	
Japanese Katsuratree cv. 'Amazing Grace'	Cercidiphyllum japonicum	D					Showy, fragrant tree; attractive bark and foliage	Yes	4-8	Good
Japanese cedar	Cryptomeria japonica	E						No		Fair
Thornless Honeylocust	Gleditsia triacanthos variety inermis	D						Yes		Fair
Kentucky coffeetree	Gymnocladus dioica	D						Yes		Good
Carolina Silverbell	Halesia tetraptera	D						Yes		
American Holly cv. 'Jersey Knight'	Ilex opaca	E	20-30 x 8-20	May	Small red berries (female only)		Tolerates clay soil, deer, air pollution	Yes	5-9	Fair
cv. 'Judy Evans'		E								Fair
Foster holly #2	Ilex x attenuata 'Fosteri 2'	E						No		Fair
Eastern red juniper	Juniperus virginiana	E	30-65 x 8-25	N/A			Tolerate poor, dry, shallow, rocky soil, bl. walnut, drought	Yes	2-9	Good
Osage orange/Hedge apple (male varieties only)	Maclura pomifera	D					Tolerates clay soil, drought, air pollution	Yes	4-9	Very Good
Saucer Magnolia	Magnolia x soulangiana	D						Yes		
Magnolia kobus	Magnolia kobus	D						Yes		
Magnolia tripetala	Magnolia tripetala	D						Yes		
Bigleaf magnolia	Magnolia grandifolia	D						Yes		
Southern magnolia cv. 'Bracken's Brown Beauty'	Magnolia grandiflora	E						Yes		Fair
cv. 'Little Gem'	M. grandiflora 'Bracken's Brown Beauty'	E								Fair
White mulberry 'Pendula' (weeping)	Morus alba 'Pendula'	D						No		
Sourwood	Oxydendron arboretum	D						Yes		
Persia Ironwood	Persia Ironwood Parrotia persica	D						No		
Lacebark Pine	Pinus bungeana	E						No		
Japanese Black Pine	Pinus thunbergiana	E						No		
Black cherry	Prunus serotina	D		June	Summer			Yes		Fair
English oak cv. 'Skyrocket' fastigiata	Q. robur	D					Fastigate/Columnnar	No		
English oak (Hybrid)	Q. robur x Q. alba 'Crimschmidt', Crimson Spire™	D	35-45 x 12-15				Fastigate/Columnnar	No	4+	Good
Black locust	Robinia pseudoacacia	D					Has thorns but attractive varieties available, urban tolerant	Yes		Fair
Japanese Stewartia	Stewartia pseudocamellia	D						No		
Japanese Umbrella Pine	Sciadopitys verticillata	E						No		
Sassafras	Sassafras albidum	D						Yes		Fair
European Mountain Ash	Sorbus aucuparia	D						No		
American arborvitae cv. 'Green Giant'	Thuja occidentalis	D	20-40 x 10-15	N/A			Known to be high in Vitamin C	Yes	2-7	
Littleleaf linden (basswood)	Thuja occidentalis 'Green Giant'	D	40-60 x 30	N/A				Yes	2-7	
Silver linden	Tilia cordata	D	50-70 x 35-50	June			Drought tolerant, attracts butterflies	No	3-7	
Eastern/Canadian hemlock	Tilia tomentosa	D	50-70 x 30-50	June-July			Drought tolerant, attracts butterflies	No	4-7	
Japanese zelkova cv. 'Green Vase'	Tsuga canadensis	E					Susceptible to Hemlock Woolly Adelgid in Eastern KY	Yes		Fair
	Zelkova serrata	D						No		Fair
		D						No		Fair

LARGE TREES/CANOPY (OVERSTORY) TREES												
Typical Size: Larger than 70'												
Red maple	Acer rubrum	D							Problems with surface roots (as seen in A. saccharinum)	Yes		
Sugar maple cv. 'Green Mountain'	Acer saccharum	D								Yes		
Horsechestnut	Aesculus	D								Yes		
Ohio buckeye	Aesculus glabra	D								Yes		
Yellow buckeye	Aesculus flava	D								Yes		
Pecan	Carya illinoensis	D								Yes		
Shagbark hickory	Carya	D								Yes		
Shellbark hickory	Carya	D								Yes		
Bitternut hickory	Carya	D								Yes		
Mockernut hickory	Carya	D								Yes		
Northern catalpa	Catalpa speciosa	D							Leaves/Wood lack pungent odor of C. bignonioides	Yes		Fair
Sugarberry/sugar hackberry	Celtis laevigata	D							Highly urban tolerant, prone to sooty mold	Yes		Fair
Common hackberry	Celtis occidentalis	D							Highly urban tolerant, prone to sooty mold	Yes		Fair
Persimmon	Diospiros virginiana	D				mid-late summer (female only)			Large, attractive, edible fruit on female trees only	Yes		Fair
Ginkgo (Male variety only) cv. 'Princeton Sentry' cv. 'Autumn Gold'	Ginkgo biloba	D										Very Good
		D										Very Good
		D										Very Good
Sweetgum (fruitless varieties) cv. 'Rotundiloba' cv. 'Slender Silhouette' cv. 'Hapdell', Happidaze®	Liquidambar styraciflua L. styraciflua 'Rotundiloba' L. styraciflua 'Slender Silhouette' L. styraciflua 'Hapdell', Happidaze®	D D D D							Extremely fastigate/columnar in form. Extremely fastigate/columnar in form.	Yes Yes Yes Yes		Good Good Good Good
Tulip poplar cv. 'Arnold'	Liriodendron tulipifera L. tulipifera 'Arnold'	D D	60-90 x 30-50 25 x 8-10	May-June					Extremely fastigate/columnar in form.	Yes Yes	5-9	Fair Fair
Cucumber magnolia	Magnolia accuminata	D								Yes		
Southern magnolia	Magnolia grandiflora	D								Yes		
Dawn redwood	Metasequoia glyptostroboides	D								No		Fair
Blackgum/Black tupelo cv. 'Red Rage'	Nyssa sylvatica	D D								Yes		Good Good
Norway spruce	Picea abies	E								No		Fair
Serbian spruce	Picea omorika	E								No		Fair
Oriental spruce	Picea orientalis	E								No		Fair
Eastern white pine	Pinus strobus	E								Yes		Fair
American sycamore	Platanus occidentalis	D								Yes		Fair
London planetree cv. 'Yarwood'	Platanus x acerifolia	D D								No		Fair Fair
Eastern cottonwood	Populus deltoides	D							Some minor structural issues, water tolerant	Yes		Fair
White oak	Quercus alba	D								Yes		Fair
Southern red oak	Q. falcata	D								Yes		Fair
Bur oak	Q. macrocarpa	D								Yes		Fair
Swamp chestnut oak	Q. michauxii	D								Yes		Fair
Swamp white oak	Q. bicolor	D								Yes		Fair
Cherrybark oak	Q. pagoda	D								Yes		Fair
Post oak	Q. stellata	D								Yes		Fair
Pin oak	Q. palustris	D								Yes		Fair
Willow oak	Q. phellos	D								Yes		Fair
Shumard oak	Q. shumardii	D								Yes		Fair
Scarlet oak	Q. coccinea	D								Yes		Fair
Northern red oak	Q. rubra	D								Yes		Fair
Bald cypress cv. 'Shawnee Brave'	Taxodium distichum	D D								Yes		Fair Fair
American arborvitae cv. 'Green Giant'	Thuja occidentalis	D D								Yes		Fair Fair
Littleleaf linden	Tilia cordata	D								No		Good
Silver linden	Tilia tomentosa	D								No		Good
American linden (basswood)	Tilia americana	D	50-80 x 30-50	June; fragrant	Not offensive				Low-maintenance	Yes	2-8	Good
Sassafras	Sassafras albidum	D								Yes		Fair
Japanese pagoda tree; Chinese scholar tree	Sophora japonica (syn. Styphnolobium japonicum)	D	50-75 x 50-75	July-August				Round	Use as shade tree, street tree	No	4-8	Fair
American elm cv. 'Princeton'	Ulmus americana U. americana 'Princeton'	D D	50-70 x 30-50	Inconspicuous	Not significant			Vase-shaped	Susceptible to multiple diseases; Select resistant vars. Only	Yes	3-9	Poor
Chinese / Lacebark elm	Ulmus parvifolia	D	40-50 x 40-50		Inconspicuous			Vase-shaped	Good resistance to Dutch Elm Disease (DED), Elm Beetle resistance	No	5-9	Fair
Leyland cypress	x Cupressocypariss Leylandii								Highly urban, drought & salt-tolerant, exfoliating bark	No		Fair

UTILITY EASEMENT TREES		[REFER TO RIGHT TREE RIGHT PLACE ILLUSTRATION X-X]									
Katsura tree	Cercidiphyllum japonicum	D	40-60 x 25-60	March-April			Tolerates clay soils; Good fall color; low drought-tolerance	No	4-8		
Yellowwood cv. 'Perkins Pink'	Cladrastis kentukea	D	30-50 x 40-55	May	Bean pods, not offensive		Showy, fragrant tree; attractive bark and foliage	Yes	4-8	Good	
Foster holly #2	Ilex x attenuata 'Fosteri 2'	E						No		Fair	
American Holly	Ilex opaca	E	20-30 x 8-20	May	Small red berries (female only)		Tolerates clay soil, deer, air pollution	Yes	5-9	Fair	
Dogwood, Flowering	Cornus florida	D	15-30 x 15-30	April to May	Small red berries	Round	Can be finicky. Tolerate Deer, Clay Soil, Black Walnut	Yes	5-9		
Kousa or Korean Dogwood	Cornus kousa	D	15-30 x 15-30	May to June	Showy edible fruit		Street, Flowering tree; Edible fruit	No	5-8	Fair	
Hawthorn cv. 'Winterking'	Crataegus viridis	D	25-35 x 15-20	Spring	Summer - through winter			Yes	4-7		
		D									
TREES and/or SHRUBS NOT PERMITTED or RECOMMENDED		General Information & Notes:			General Information & Notes:						
Silver/Water maple	Acer saccharinum	D			Weak wooded, Wood rots quickly						
Tree of heaven	Ailanthus altissima	D			Non-native invasive, by seed (prolific)						
Mimosa	Albizia julibrissin	D			Non-native invasive, by seed (prolific)						
Ash - all spp. (White, Green, Blue, Black)	Fraxinus spp.	D			Extremely susceptible to death by Emerald Ash Borer (EAB)						
Golden Rain Tree	Koelreuteria paniculata	D			Non-native invasive, Known to spread by seed (prolific)						
Red Mulberry	Morus rubra	D			Mid-late summer fruiting						
White mulberry	Morus alba	D			Exception: Weeping white mulberry						
Princesstree/Paulownia	Paulownia tomentosa	D			Non-native invasive, by seed (prolific)						
White poplar	Populus alba	D			Prone to disease						
Lombardy poplar	Populus nigra	D			Prone to disease						
Poplar hybrid	Populus deltoides x Populus nigra	D			Prone to disease						
Pear 'Cleveland Select'	Pyrus calleryana 'Cleveland Select'	D			Invasive, by seed (birds); Weakly branched (prolific); Fireblight						
Bradford pear	Pyrus calleryana 'Bradford'	D			Invasive, by seed (birds); Weakly branched (prolific); Fireblight						
Siberian elm	Ulmus pumila	D			Non-native invasive, by seed (prolific)						
Bush honeysuckle (syn. Amur, Tatarian, Morrow's)	Lonicera maackii, L. tatarica, L. morrowii	D			Non-native; Extremely invasive, by seed (prolific)						
PERMITTED WITH CONDITIONS:		General Information & Notes:			General Information & Notes:						
Box elder	Acer negundo	D			Ornamental cultivars may be planted in park spaces			Yes		Fair	
Persimmon	Diospyros virginiana	D			Male trees permitted along roadway R/W, All allowed in park spaces			Yes		Fair	
Ginkgo	Ginkgo biloba	D			Male trees (fruitless) permitted along roadway R/W, All allowed in park spaces			No		Very Good	
Honeylocust	Gleditsia triacanthos	D			Thornless varieties permitted along roadway R/W, All allowed in park spaces			Yes			
Osage orange	Maclura pomifera	D			Male trees (fruitless) permitted along roadway R/W, All allowed in park spaces			Yes		Very Good	
Eastern Cottonwood	Populus deltoides	D			Planted in park spaces NOT along roadway R/W			Yes			
Black locust	Robinia pseudoacacia	D			Planted in park spaces NOT along roadway R/W			Yes		Fair	
Willow spp.	Salix spp.	D			May be used in detention areas			Yes/No			
ADDITIONAL TREES:											