CITY OF OBERLIN, OHIO

ORDINANCE No. 17-29 AC CMS

AN ORDINANCE AMENDING SECTIONS 907.02 AND 907.14 OF THE CODIFIED ORDINANCES OF THE CITY OF OBERLIN, OHIO TO UPDATE THE STREET TREE PLANTING PLAN AND TO PROVIDE PROCEDURAL IMPROVEMENTS FOR THE ADMINISTRATION OF SAID STREET TREE PLANTING PLAN

BE IT ORDAINED by the Council of the City of Oberlin, County of Lorain, State of Ohio, a majority of members elected thereto concurring:

SECTION 1. That Sections 907.02 and 907.14 of the Codified Ordinances of the City of Oberlin, Ohio, are hereby amended to read as set forth in Exhibit A attached hereto and incorporated herein by reference.

SECTION 2. It is hereby found and determined that all formal actions of this Council concerning or relating to the adoption of this ordinance were adopted in an open meeting of this Council, and that all deliberations of this Council and of any of its committees that resulted in such formal action, were in meetings open to the public in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code.

SECTION 3. That this ordinance shall take effect at the earliest possible date allowed by law.

d Reading: July 03, 2017 (S)
Reading:

BELINDA B. ANDERSON, MMC

CLERK OF COUNCIL

ATTEST:

POSTED: 07/04/2017

RONNIE J. RIMBERT
PRESIDENT OF COUNCIL

EFFECTIVE DATE: 08/02/2017

EXHIBIT A

907.02 POWERS AND DUTIES OF THE GROUNDS DEPARTMENT.

The Grounds Department Director (hereafter referred to as the Director) shall administer the rules and regulations governing the planting, maintenance, pruning and removal of trees within the curblawns and Municipal property under the supervision of the City Manager and shall be directly responsible to the City Manager.

The Director shall encourage and foster the planting of flora for the beautification of the City.

The Director shall disseminate information to the public concerning proper selection and care of all flora.

The Director shall enforce the use of the "National Arborist Association's Standards for Pruning of Shade Trees, and Guying of Shade Trees", as published by the National Arborist Association, copyright 1983 or any later edition (hereafter referred to as the National Arborist Association Standards) in the pruning, protecting and maintaining of all flora within the curblawns and Municipal property of the City. Copies of these arboricultural standards are on file with and available through the Grounds Director.

The Director shall have the authority to revise or amend the Official Street Tree Planting Plan for the City. Revisions or amendments shall be made by the Director at any time circumstances make alterations advisable. All alterations shall be made after consultation with an arborist certified by the International Society for Arboriculture.

The Director shall have the authority to affix reasonable conditions to the granting of a permit in accordance with the terms of this chapter.

The Director shall have the authority and generic duty to supervise or inspect all work done under a permit issued in accordance with the terms of this chapter.

The Director shall be responsible for preserving the aesthetics of the curblawns and Municipally owned property.

(Ord. 87-1 AC. Passed 2-2-87.)

907.14 STREET TREE PLANTING PLAN.

- a) The Street Tree Planting Plan shall be maintained as part of the City of Oberlin Public Works Standards.
- b) The Street Tree Planting Plan shall list approved species for planting in the curb lawn based on the available growth area for the tree. The Public Works Standards will define small, medium and large site requirements. To the extent feasible, tree species shall be selected to match the available growth area.
- c) In order to maintain and improve the health and diversity of the urban forest, the City Manager may restrict the planting of certain species.
- d) Upon written request and with the recommendation of an ISA certified arborist, other species not included in the Street Tree Planting Plan may be approved by the City Manager.

EXHIBIT B

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City of Oberlin Public Works Standards Street Tree Planting Plan Planting Site Requirements

Planting Site Requirements								
Clearance	Small	Medium	Large					
Overhead Clearance	30 ft.	30 - 60 ft.	60 ft.					
Side Clearance	20 ft.	20 - 40 ft.	40 ft.					
Curb Lawn Width	4 - 6 ft.	6 - 8 ft.	>8 ft.					
Distance from Intersection	35 ft.	35 ft.	35 ft.					
Utilities	10 ft.	15 ft.	15 ft.					
Other Trees	30 ft.	40 ft.	40 ft.					
Driveways	10 ft.	10 ft.	10 ft.					

City of Oberlin Public Works Standards Street Tree Planting Plan Disclaimer

This list is meant to provide guidance in selecting trees, and is not a substitute for the advice of an ISA-certified arborist or other qualified tree professional. More comprehensive information is available on the internet at sites such as: Ohio Department of Natural Resources Urban Forestry, Morton Arboretum Guide to Selecting and Planting Trees, and Missouri Botanical Garden Plant Finder. Each planting site is unique and the selection of the appropriate tree should be made by matching planting site characteristics with the growth habits of the selected tree. Tree health and survival are highly dependent on the quality of the nursery stock and on proper planting, watering, mulching, and pruning. Be sure to consult a qualified tree professional and/or suitable reference

Grow						Active Selection	Native	
<u>Space</u>	<u>Family</u>	<u>Genus</u>	<u>Species</u>	Common Name	Variety/Cultivar(s)	<u>(Y/N)</u>	<u>(Y/N)</u>	<u>Notes</u>
Large Small	BEECH BEECH	Castanea Castanea	mollisima pumila	Chinese Chestnut Allegheny Chestnut		Y Y	N Y	Nuts may be a nuisance Native range is SE US
Large	BEECH	Fagus	grandifolia	American Beech		Y	Y	Extra large sites only
Large Large	BEECH BEECH	Fagus Quercus	sylvatica acutissima	European Beech Sawtooth Oak		Y	N N	Extra large sites only
Large	BEECH	Quercus	alba	White Oak		Y	Y	
Medium	BEECH BEECH	Quercus Quercus	bicolor coccinea	Swamp White Oak Scarlet Oak		Y	Y Y	
Large Medium	BEECH	Quercus	imbricaria	Shingle Oak		Y	Y	
Large	BEECH	Quercus	lyrata	Overcup Oak		Y	Y Y	Native range is SE US
Large Medium	BEECH BEECH	Quercus Quercus	macrocarpa meuhlenbergii	Bur Oak Chinkapin Oak		Υ Υ	Υ Υ	
Large	BEECH	Quercus	palustris	Pin Oak		Y	Y	
Large Large	BEECH BEECH	Quercus Quercus	phellos prinus (montana)	Willow Oak Chestnut Oak		Y Y	Y Y	Native range is SE US
Large	BEECH	Quercus	robur	English Oak		Y	N	
Large	BEECH BEECH	Quercus Quercus	rubra shumardii	Northern Red Oak Shumard Oak		Y	Y Y	
Large Medium	BEECH	Quercus	stellata	Post Oak		Y	N	Introduced in 1819
Large	BEECH	Quercus	velutina	Black Oak		Y Y	Y	
Large Large	BIRCH BIRCH	Alnus Betula	glutinosa alleghaniensis	Common Alder Yellow Birch		Υ Υ	N Y	
Large	BIRCH	Betula	lenta	Sweet or Black Birch		Υ	Υ	
Medium Medium	BIRCH BIRCH	Betula Carpinus	nigra betulus	River Birch European Hornbeam		Y Y	Y N	Single Stem
Medium	BIRCH	Carpinus	caroliniana	American Hornbeam		Y	Υ	
Medium Small	BIRCH BIRCH	Carpinus Carpinus	cordata japonica	Heartleaf Hornbeam Japanese Hornbeam		Y	N N	
Small	BIRCH	Carpinus	orientalis	Oriental Hornbeam		Y	N	
Small	BIRCH BIRCH	Corylus	americana	American Filbert		Y	Y	
Small Medium	BIRCH	Corylus Corylus	avellana columa	European Filbert Turkish Hazelnut		Ϋ́	N N	
Small	BIRCH	Corylus	maxima · · ·	Purple Filbert		Y	N	
Medium Small	BIRCH BLADDERNUT	Ostrya Staphylea	virginiana trifolia	Eastern Hophornbeam Bladdernut		Y V	Y y	
Medium	BUCKEYE	Aesculus	chinensis	Chinese Horsechestnut		Ϋ́	N	
Large Medium	BUCKEYE BUCKEYE	Aesculus Aesculus	flava glabra	Yellow Buckeye Ohio Buckeye		Y	Y	
Medium	BUCKEYE	Aesculus	Hippocastanum	Horsechestnut		Y	N	
Small Medium	BUCKEYE BUCKEYE	Aesculus	pavia	Red Buckeye Red Horsechestnut		Y	Y N	
Medium	CYPRESS	Aesculus Juniperus	x carnea virginiana	Eastern Redcedar		Ϋ́	Y	Screening, not shade
				Eastern/American Arborvitae			.,	
Medium Small	CYPRESS DOGWOOD	Thuja Cornus	occidentalis alternifolia	White Cedar Pagoda Dogwood		Y Y	Y Y	Screening, not shade select hardy cultivar
Medium	DOGWOOD	Cornus	contraversa	Giant Dogwood		Υ	N	
Medium Small	DOGWOOD DOGWOOD	Cornus Cornus	florida kousa	Florida Dogwood Kousa Dogwood	numerous cultivars numerous cultivars	Y	Y N	select hardy cultivar
Small	DOGWOOD	Cornus	mas	Corneliancherry Dogwood	numerous cultivars	Y	N	
Small	DOGWOOD	Cornus	officianalis	Japanese Dogwood		Y	N	
Medium Medium	DOGWOOD ELM	Nyssa Celtis	sylvatica occidentalis	Black Gum - Black Tupelo Hackberry		Ϋ́Υ	Y Y	
Large	ELM	Ulmus	americana	American Elm	see Morton Arboretum, Elm Cultivars	Y	Y/N	Must be Dutch Elm Disease Resistant
Large Medium	ELM ELM	Ulmus Ulmus	carpinifolia parvifolia	Smoothleaf Elm Chinese Elm, Lacebark Elm		Y Y	N N	
Large	ELM	Zelkova	serrata	Japanese Zelkova		Υ	N	
Large Medium	GINGKO HEATH	Gingko Oxydendrum	biloba arboreum	Gingko Sourwood		Y	N Y	Male Only
Medium	LAUREL	Sassafras	albidum	Sassafras		Y	Y	branches may be weak
Small	LEGUME	Albizia	julibrissin	Silk Tree		Y	N Y	
Medium Large	LEGUME LEGUME	Cercis Cladrastis	candensis kentukea	Eastern Redbud Yellowwood		Ϋ́Υ	y	
Large	LEGUME	Gleditsia	triacanthos	Honeylocust	Sunburst, Skyline, Imperial	Y	Y	
Large Small	LEGUME LEGUME	Gymnocladus Maackia	dioicus amurensis	Kentucky Coffeetree Chinese Maackia		Y Y	Y N	
5111411			aa. e.i.s.s			·		
Medium	LEGUME	Sophora (now Styphnolobium)	japonica	Japanese Pagodatree Chinese Scholartree		Y	N	
Large	LINDEN	Tilia	americana	American Basswood		Y	Y	
Large	LINDEN	Tilia	cordata	Littleleaf Linden	numerous cultivars	Y	N	may be more hardy in urban environment
Large Medium	LINDEN LINDEN	Tilia	tomentosa x euchlora	Silver Linden Crimean Linden		Υ Υ	N	may be more hardy in urban environment
		Tilia					Ν	
Large	MAGNOLIA	Liriodendron	tulipifera	Yellow Poplar - Tuliptree		Y	Υ	
Large Large	MAGNOLIA MAGNOLIA	Liriodendron Magnolia	acuminata	Cucumber Tree Magnolia	cultivars to be reviewed/approved	Y	Y Y	upright, single stem
Large Large Medium Medium	MAGNOLIA MAGNOLIA MAPLE MAPLE	Liriodendron Magnolia Acer Acer	acuminata beurgerianum campestre	Cucumber Tree Magnolia Trident Maple Hedge Maple	cultivars to be reviewed/approved	Y N N	Y Y N N	upright, single stem
Large Large Medium Medium Large	MAGNOLIA MAGNOLIA MAPLE MAPLE MAPLE	Liriodendron Magnolia Acer Acer Acer	acuminata beurgerianum campestre x freemanii	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple	cultivars to be reviewed/approved	Y N N	Y Y N N Y	upright, single stem
Large Large Medium Medium	MAGNOLIA MAGNOLIA MAPLE MAPLE	Liriodendron Magnolia Acer Acer	acuminata beurgerianum campestre	Cucumber Tree Magnolia Trident Maple Hedge Maple	cultivars to be reviewed/approved	Y N N	Y Y N N	upright, single stem
Large Large Medium Medium Large Medium Medium Medium	MAGNOLIA MAPLE MAPLE MAPLE MAPLE MAPLE MAPLE MAPLE MAPLE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple	cultivars to be reviewed/approved	Y N N N N N	Y Y N N Y N N	upright, single stem
Large Large Medium Medium Large Medium Medium	MAGNOLIA MAGNOLIA MAPLE MAPLE MAPLE MAPLE MAPLE	Liriodendron Magnolia Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback	cultivars to be reviewed/approved	Y N N N N	Y Y N N Y	upright, single stem
Large Large Medium Medium Large Medium Medium Medium Medium Large Large	MAGNOLIA MAGNOLIA MAPLE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple	cultivars to be reviewed/approved	Y N N N N N N N	Y Y N N Y N N Y	upright, single stem
Large Large Medium Medium Large Medium Medium Medium Medium Large	MAGNOLIA MAGNOLIA MAPLE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple	cultivars to be reviewed/approved	Y N N N N N N	Y Y N N Y N N N	upright, single stem
Large Large Medium Medium Large Medium Medium Medium Large Large Large Small Medium	MAGNOLIA MAGNOLIA MAPLE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple	cultivars to be reviewed/approved	Y	Y Y N N Y N N Y N Y	upright, single stem
Large Large Medium Medium Large Medium Medium Medium Large Large Large Small Medium Small	MAGNOLIA MAGNOLIA MAPLE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple	cultivars to be reviewed/approved	Y N N N N N N N N N N N N N N N N N N N	Y N N N N N Y N Y N N N	upright, single stem
Large Large Medium Medium Large Medium Medium Medium Large Large Large Small Medium Small Small	MAGNOLIA MAGNOLIA MAPLE OLIVE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum retusus virginicus	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard	cultivars to be reviewed/approved	Y N N N N N N N N N N N N N N N N N N N	Y Y N N Y N N Y N Y N N Y N N Y N N Y N N N Y N	upright, single stem
Large Large Medium Medium Large Medium Medium Medium Large Large Large Small Medium Small Small Large	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum retusus virginicus TBD	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various	cultivars to be reviewed/approved	Y	Y Y N N N Y N N Y N N Y Y N N Y Y N N N Y Y/N	not approved, pending emerald ash borer resistant cultivars
Large Large Medium Medium Large Medium Medium Medium Large Large Large Small Medium Small Small	MAGNOLIA MAGNOLIA MAPLE OLIVE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum retusus virginicus	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac	cultivars to be reviewed/approved	Y N N N N N N N N N N N N N N N N N N N	Y Y N N Y N N Y N Y N N Y N N Y N N Y N N N Y N	not approved, pending emerald ash borer resistant cultivars
Large Large Medium Medium Medium Medium Medium Medium Large Large Small Medium Small Small Large Medium Medium	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum retusus virginicus TBD reticulata	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac	cultivars to be reviewed/approved	Y N N N N N N N N N N N N N N N N N N N	Y Y N N Y N N N Y Y N N N N Y Y/N N N	
Large Large Medium Medium Large Medium Medium Medium Large Large Large Small Medium Small Small Large Medium Medium	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE OLIVE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum retusus virginicus TBD reticulata reticulata pekinens	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac is Peking Tree Lilac	cultivars to be reviewed/approved	Y N N N N N N N N N N N N N N N N N N N	Y N N N N N N N N N N N N N N N N N N N	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections.
Large Large Medium Medium Medium Medium Medium Medium Large Large Small Medium Small Small Large Medium Medium	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum retusus virginicus TBD reticulata	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac	cultivars to be reviewed/approved	Y N N N N N N N N N N N N N N N N N N N	Y Y N N Y N N N Y Y N N N N Y Y/N N N	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections.
Large Large Medium Medium Large Medium Medium Medium Large Large Large Small Medium Small Small Large Medium TBD Large Large Large	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE PINE PINE PINE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum retusus virginicus TBD reticulata reticulata pekinens	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac is Peking Tree Lilac European Larch Japanese Larch Tamarack Larch	cultivars to be reviewed/approved	Y N N N N N N N N N N N N N N N N N N N	Y Y N N Y N N N Y Y N N N Y Y Y N N N Y Y/N N N TBD N N Y	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections.
Large Large Medium Medium Medium Medium Medium Medium Large Large Large Small Medium Small Small Small Large Medium TBD Large Large	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE PINE PINE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum retusus virginicus TBD reticulata reticulata pekinens	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac is Peking Tree Lilac	cultivars to be reviewed/approved	Y N N N N N N N N N N N N N N N N N N N	Y N N N N N N N N N N N N N N N N N N N	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections.
Large Large Medium Medium Medium Medium Medium Medium Large Large Small Medium Small Small Small Large Medium Medium Large Medium Medium	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE OLIVE PINE PINE PINE PINE PINE PINE REDWOOD	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum retusus virginicus TBD reticulata reticulata pekinens decidua kaempferi laricina candensis caroliniana glyptostroboides	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac is Peking Tree Lilac European Larch Japanese Larch Tamarack Larch Canadian (Eastern) Hemlock Carolina Hemlock Dawn Redwood	cultivars to be reviewed/approved	Y N N N N N N N N N N N N N N N N N N N	Y Y N N Y N N N Y Y N N N N Y Y N N N N	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections. Shallow root mass, shape may impair line of sight. Native range is SE US
Large Large Medium Medium Medium Medium Medium Medium Large Large Large Small Medium Small Small Small Large Medium Medium Large Medium Large Medium Large	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE OLIVE PINE PINE PINE PINE PINE PINE REDWOOD REDWOOD	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum retusus virginicus TBD reticulata reticulata pekinens decidua kaempferi laricina candensis caroliniana glyptostroboides ascendens	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac is Peking Tree Lilac European Larch Japanese Larch Tamarack Larch Canadian (Eastern) Hemlock Carolina Hemlock Dawn Redwood Pond Cypress	cultivars to be reviewed/approved	Y N N N N N N N N N N N N N N N N N N N	Y Y N N Y N N N Y Y N N N Y Y Y N N N Y Y Y N N N Y	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections. Shallow root mass, shape may impair line of sight.
Large Large Medium Medium Medium Medium Medium Medium Large Large Small Medium Small Small Small Large Medium Medium Large Large Large Large Large Medium Medium	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE OLIVE PINE PINE PINE PINE PINE PINE PINE REDWOOD REDWOOD ROSE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum retusus virginicus TBD reticulata reticulata pekinens decidua kaempferi laricina candensis caroliniana glyptostroboides ascendens distichum arborea	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac is Peking Tree Lilac European Larch Japanese Larch Tamarack Larch Canadian (Eastern) Hemlock Carolina Hemlock Dawn Redwood Pond Cypress Bald Cypress Downy Serviceberry	cultivars to be reviewed/approved	Y N N N N N N N N N N N N N N N N N N N	Y Y N N Y N N N Y Y N N N N Y Y N N N N	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections. Shallow root mass, shape may impair line of sight. Native range is SE US
Large Large Medium Medium Medium Medium Medium Medium Large Large Large Small Medium Small Small Small Large Medium Medium Large Large Small Large Medium Medium	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE OLIVE PINE PINE PINE PINE PINE PINE REDWOOD REDWOOD	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum retusus virginicus TBD reticulata reticulata pekinens decidua kaempferi laricina candensis caroliniana glyptostroboides ascendens distichum arborea canadensis	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac is Peking Tree Lilac European Larch Japanese Larch Tamarack Larch Canadian (Eastern) Hemlock Carolina Hemlock Dawn Redwood Pond Cypress Bald Cypress Downy Serviceberry Shadblow Serviceberry	Cultivars to be reviewed/approved	Y N N N N N N N N N N N N N N N N N N N	Y Y N N Y N N N Y Y N N N N Y Y N N N N	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections. Shallow root mass, shape may impair line of sight. Native range is SE US
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Large Large Medium Medium Medium Medium Medium Medium Large Large Large Small Medium Small Small Small Large Medium Medium TBD Large Large Large Large Large Large Large Small	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE OLIVE PINE PINE PINE PINE PINE PINE REDWOOD REDWOOD REDWOOD ROSE ROSE ROSE ROSE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum triflorum truncatum retusus virginicus TBD reticulata reticulata pekinens decidua kaempferi laricina candensis caroliniana glyptostroboides ascendens distichum arborea canadensis grandiflora laevis TBD	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac is Peking Tree Lilac European Larch Tamarack Larch Canadian (Eastern) Hemlock Carolina Hemlock Dawn Redwood Pond Cypress Bald Cypress Downy Serviceberry Shadblow Serviceberry Apple Serviceberry Allegheny Serviceberry Hawthorne	review/approve species & cultivar	Y N N N N N N N N N N N N N N N N N N N	Y Y N N Y N N N Y Y N N N N Y Y N N N N	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections. Shallow root mass, shape may impair line of sight. Native range is SE US
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Large Large Medium Medium Medium Medium Medium Medium Medium Medium Small Medium Small Small Small Large Large Large Large Medium Medium Medium TBD Large	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE OLIVE PINE PINE PINE PINE PINE PINE PINE REDWOOD REDWOOD REDWOOD REDWOOD ROSE ROSE ROSE ROSE ROSE ROSE ROSE ROSE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum triflorum truncatum retusus virginicus TBD reticulata reticulata pekinens decidua kaempferi laricina candensis caroliniana glyptostroboides ascendens distichum arborea canadensis grandiflora laevis TBD	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac is Peking Tree Lilac European Larch Japanese Larch Tamarack Larch Canadian (Eastern) Hemlock Carolina Hemlock Dawn Redwood Pond Cypress Bald Cypress Bald Cypress Downy Serviceberry Apple Serviceberry Allegheny Serviceberry Hawthorne Flowering Crab Apple Cherry/Plum Mountain Ash Common Hoptree Goldenrain Tree Fragrant Epaulettetree Two-winged Silverbell Carolina Silverbell Japanese Snowbell Fragrant Snowbell Fragrant Snowbell London Planetree American Sycamore	review/approve species & cultivar review/approve species & cultivar review/approve species & cultivar	Y N N N N N N N N N N N N N N N N N N N	Y Y N N Y N N N N Y Y N N N N Y Y N N N N Y Y N N N Y Y N N Y Y N N N Y N N N Y N N N Y N N N Y N N N Y N N N Y N N N Y N N N Y N N N Y N N N N Y N	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections. Shallow root mass, shape may impair line of sight. Native range is SE US Native range is SE US
Large Large Medium Medium Medium Medium Medium Medium Medium Medium Medium Small Small Small Small Large	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE OLIVE OLIVE PINE PINE PINE PINE PINE PINE REDWOOD REDWOOD REDWOOD REDWOOD ROSE ROSE ROSE ROSE ROSE ROSE ROSE ROSE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum triflorum truncatum retusus virginicus TBD reticulata reticulata pekinens decidua kaempferi laricina candensis caroliniana glyptostroboides ascendens distichum arborea canadensis grandiflora laevis TBD	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac is Peking Tree Lilac European Larch Tamarack Larch Canadian (Eastern) Hemlock Carolina Hemlock Dawn Redwood Pond Cypress Bald Cypress Bowny Serviceberry Shadblow Serviceberry Apple Serviceberry Allegheny Serviceberry Hawthorne Flowering Crab Apple Cherry/Plum Mountain Ash Common Hoptree Goldenrain Tree Fragrant Epaulettetree Two-winged Silverbell Carolina Silverbell Japanese Snowbell Fragrant Snowbell London Planetree American Sycamore Bitternut Hickory Wingnut Hickory Pecan Shellbark Hickory	review/approve species & cultivar review/approve species & cultivar review/approve species & cultivar	Y N N N N N N N N N N N N N N N N N N N	YYNNYNNNYYNN NNYYNN TBN NYYYNYYYY NN YNNYYNNNYYYY	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections. Shallow root mass, shape may impair line of sight. Native range is SE US Native range is SE US Native range is SE US Nutive range is SE US
Large Large Medium Small Medium Small Small Small Large	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE OLIVE OLIVE PINE PINE PINE PINE PINE PINE PINE REDWOOD REDWOOD REDWOOD REDWOOD ROSE ROSE ROSE ROSE ROSE ROSE ROSE ROSE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum tataricum triflorum truncatum retusus virginicus TBD reticulata reticulata pekinens decidua kaempferi laricina candensis caroliniana glyptostroboides ascendens distichum arborea canadensis grandiflora laevis TBD	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac is Peking Tree Lilac European Larch Tamarack Larch Canadian (Eastern) Hemlock Carolina Hemlock Dawn Redwood Pond Cypress Bald Cypress Downy Serviceberry Shadblow Serviceberry Apple Serviceberry Allegheny Serviceberry Hawthorne Flowering Crab Apple Cherry/Plum Mountain Ash Common Hoptree Goldenrain Tree Fragrant Epaulettetree Two-winged Silverbell Carolina Silverbell Japanese Snowbell Fragrant Snowbell Fragrant Snowbell London Planetree American Sycamore Bitternut Hickory Wingnut Hickory Pecan	review/approve species & cultivar review/approve species & cultivar review/approve species & cultivar	Y N N N N N N N N N N N N N N N N N N N	Y Y N N Y N N N N N Y Y N N N N N N N N	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections. Shallow root mass, shape may impair line of sight. Native range is SE US
Large Large Medium Medium Large Medium Medium Medium Medium Medium Large Large Large Small Small Small Large	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE OLIVE PINE PINE PINE PINE PINE PINE PINE REDWOOD REDWOOD REDWOOD ROSE ROSE ROSE ROSE ROSE ROSE ROSE ROSE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum triflorum truncatum retusus virginicus TBD reticulata reticulata pekinens decidua kaempferi laricina candensis caroliniana glyptostroboides ascendens distichum arborea canadensis grandiflora laevis TBD	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac is Peking Tree Lilac European Larch Tamarack Larch Canadian (Eastern) Hemlock Carolina Hemlock Dawn Redwood Pond Cypress Bald Cypress Downy Serviceberry Apple Serviceberry Apple Serviceberry Allegheny Serviceberry Hawthorne Flowering Crab Apple Cherry/Plum Mountain Ash Common Hoptree Goldenrain Tree Fragrant Epaulettetree Two-winged Silverbell Carolina Silverbell Japanese Snowbell Fragrant Snowbell Fragrant Snowbell London Planetree American Sycamore Bitternut Hickory Wingnut Hickory Pecan Shellbark Hickory Butternut Black Walnut	review/approve species & cultivar review/approve species & cultivar review/approve species & cultivar	·	YYNNYNNNYYNN NNYYNN BD NNYYYNYYYY NN YNNYYNNNYYYYYY	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections. Shallow root mass, shape may impair line of sight. Native range is SE US
Large Large Medium Medium Large Medium Medium Medium Medium Medium Large Large Small Small Small Small Large	MAGNOLIA MAGNOLIA MAPLE OLIVE OLIVE OLIVE OLIVE OLIVE PINE PINE PINE PINE PINE PINE PINE REDWOOD REDWOOD REDWOOD REDWOOD ROSE ROSE ROSE ROSE ROSE ROSE ROSE ROSE	Liriodendron Magnolia Acer Acer Acer Acer Acer Acer Acer Acer	acuminata beurgerianum campestre x freemanii griseum griseum x nikoense miyabei pennsylvanicum pseudoplatanus rubrum saccharum triflorum truncatum retusus virginicus TBD reticulata reticulata pekinens decidua kaempferi laricina candensis caroliniana glyptostroboides ascendens distichum arborea canadensis grandiflora laevis TBD	Cucumber Tree Magnolia Trident Maple Hedge Maple Freeman Maple Paperbark Maple Girard Hybrid Paperback Miyabe Maple Striped Bark Maple Sycamore Maple Red Maple Sugar Maple Tartarian Maple Three Flower Maple Shantung Maple Chinese Fringe Tree Fringetree - Old Man's Beard Ash, various Japanese Tree Lilac is Peking Tree Lilac European Larch Japanese Larch Canadian (Eastern) Hemlock Carolina Hemlock Dawn Redwood Pond Cypress Bald Cypress Downy Serviceberry Shadblow Serviceberry Apple Serviceberry Allegheny Serviceberry Hawthorne Flowering Crab Apple Cherry/Plum Mountain Ash Common Hoptree Goldenrain Tree Fragrant Epaulettetree Two-winged Silverbell Carolina Silverbell Japanese Snowbell Fragrant Snowbell Fragrant Snowbell London Planetree American Sycamore Bitternut Hickory Wingnut Hickory Pecan Shellbark Hickory Shagbark Hickory Butternut	review/approve species & cultivar review/approve species & cultivar review/approve species & cultivar	·	YYNNYNNNNYYNN TBN NYYYNYYYY NN YNNYYNNNYYYYY	not approved, pending emerald ash borer resistant cultivars Pre-approval required for location, use, species selections. Shallow root mass, shape may impair line of sight. Native range is SE US Native range is SE US

Grow						Active Selection	Native	
<u>Space</u>	<u>Family</u>	<u>Genus</u>	<u>Species</u>	Common Name	Variety/Cultivar(s)	<u>(Y/N)</u>	<u>(Y/N)</u>	<u>Notes</u>
Large Large	BEECH BEECH	Castanea Fagus	mollisima grandifolia	Chinese Chestnut American Beech		Y Y	N Y	Nuts may be a nuisance Extra large sites only
Large	BEECH	Fagus	sylvatica	European Beech		Y	N	Extra large sites only
Large Large	BEECH BEECH	Quercus Quercus	acutissima alba	Sawtooth Oak White Oak		Y Y	N Y	
Large	BEECH	Quercus	coccinea	Scarlet Oak		Y	Y	
Large	BEECH BEECH	Quercus Quercus	lyrata	Overcup Oak Bur Oak		Y	Y Y	Native range is SE US
Large Large	BEECH	Quercus	macrocarpa palustris	Pin Oak		Y	Y	
Large	BEECH	Quercus	phellos	Willow Oak		Y	Y	Native range is SE US
Large Large	BEECH BEECH	Quercus Quercus	prinus (montana) robur	Chestnut Oak English Oak		Y Y	Y N	
Large	BEECH	Quercus	rubra	Northern Red Oak		Υ	Υ	
Large Large	BEECH BEECH	Quercus Quercus	shumardii velutina	Shumard Oak Black Oak		Y Y	Y Y	
Large	BIRCH	Alnus	glutinosa	Common Alder		Y	N	
Large	BIRCH BIRCH	Betula Betula	alleghaniensis lenta	Yellow Birch Sweet or Black Birch		Y	Y Y	
Large Large	BUCKEYE	Aesculus	flava	Yellow Buckeye		Y	Y	
Large	ELM	Ulmus		American Elm	see Morton Arboretum, Elm Cultivars	Y	Y/N	Must be Dutch Elm Disease Resistant
Large Large	ELM ELM	Ulmus Zelkova	carpinifolia serrata	Smoothleaf Elm Japanese Zelkova		Y Y	N N	
Large	GINGKO	Gingko	biloba	Gingko		Υ	N	Male Only
Large Large	LEGUME LEGUME	Cladrastis Gleditsia	kentukea triacanthos	Yellowwood Honeylocust	Sunburst, Skyline, Imperial	Y	y Y	
Large	LEGUME	Gymnocladus	dioicus	Kentucky Coffeetree	Sumbarse, skylline, imperiur	Ϋ́	Y	
Large	LINDEN LINDEN	Tilia Tilia	americana cordata	American Basswood Littleleaf Linden	numerous cultivars	Y Y	Y N	
Large Large	LINDEN	Tilia	tomentosa	Silver Linden	numerous cultivars	Ϋ́Υ	N	may be more hardy in urban environment may be more hardy in urban environment
Large	MAGNOLIA	Liriodendron	tulipifera	Yellow Poplar - Tuliptree		Y	Υ	
Large Large	MAGNOLIA MAPLE	Magnolia Acer	acuminata pseudoplatanus	Cucumber Tree Magnolia Sycamore Maple	cultivars to be reviewed/approved	Y N	Y N	upright, single stem
Large	MAPLE	Acer	rubrum	Red Maple		N	Υ	
Large Large	MAPLE MAPLE	Acer Acer	saccharum x freemanii	Sugar Maple Freeman Maple		N N	Y Y	
Large	OLIVE	Fraxinus	TBD	Ash, various		N	Y/N	not approved, pending emerald ash borer resistant cultivars
Large	PINE	Larix	decidua	European Larch		Y	N	
Large Large	PINE PINE	Larix Larix	kaempferi laricina	Japanese Larch Tamarack Larch		Υ Υ	N Y	
Large	PINE	Tsuga	candensis	Canadian (Eastern) Hemlock		Υ	Υ	
Large Large	REDWOOD REDWOOD	Metasequoia Taxodium	glyptostroboides ascendens	Dawn Redwood Pond Cypress		Y Y	N Y	Native range is SE US
Large	REDWOOD	Taxodium	distichum	Bald Cypress		Y	Y	That it is a second of the sec
Large	SYCAMORE SYCAMORE	Platanus Platanus	acerifolia occidentalis	London Planetree American Sycamore		Y	N Y	
Large Large	WALNUT	Carya	cordiformis	Bitternut Hickory		Ϋ́Υ	Y	Nuts may be a nuisance
Large	WALNUT	Carya	glabra	Wingnut Hickory		Y	Y	Nuts may be a nuisance
Large Large	WALNUT WALNUT	Carya Carya	illinoisensis laciniosa	Pecan Shellbark Hickory		Y Y	Y Y	Nuts may be a nuisance Nuts may be a nuisance
Large	WALNUT	Carya	ovata	Shagbark Hickory		Υ	Υ	Nuts may be a nuisance
Large Large	WALNUT WALNUT	Juglans Juglans	cineria nigra	Butternut Black Walnut		N Y	Y Y	Nuts may be a nuisance; susceptible to Butternut Canker Nuts may be a nuisance
Large	WITCH HAZEL	Liquidambar	styraciflua	Sweetgum		Ϋ́	Y	Seed pods may be a nuisance
Medium Medium	BEECH BEECH	Quercus Quercus	bicolor imbricaria	Swamp White Oak Shingle Oak		Y	Y	
Medium	BEECH	Quercus	meuhlenbergii	Chinkapin Oak		Y	Y	
Medium	BEECH	Quercus	stellata	Post Oak		Y	N	Introduced in 1819
Medium Medium	BIRCH BIRCH	Betula Carpinus	nigra betulus	River Birch European Hornbeam		Y Y	Y N	Single Stem
Medium	BIRCH	Carpinus	caroliniana	American Hornbeam		Υ	Υ	
Medium Medium	BIRCH BIRCH	Carpinus Corylus	cordata columa	Heartleaf Hornbeam Turkish Hazelnut		Y Y	N N	
Medium	BIRCH	Ostrya	virginiana	Eastern Hophornbeam		Y	Y	
Medium Medium	BUCKEYE BUCKEYE	Aesculus Aesculus	chinensis glabra	Chinese Horsechestnut Ohio Buckeye		Y	N Y	
Medium	BUCKEYE	Aesculus	Hippocastanum	Horsechestnut		Ϋ́Υ	N	
Medium	BUCKEYE	Aesculus	x carnea	Red Horsechestnut		Y	N	
Medium	CYPRESS	Juniperus	virginiana	Eastern Redcedar Eastern/American Arborvitae		Υ	Υ	Screening, not shade
Medium	CYPRESS	Thuja	occidentalis	White Cedar		Υ	Υ	Screening, not shade
Medium Medium	DOGWOOD DOGWOOD	Cornus Cornus	contraversa florida	Giant Dogwood Florida Dogwood	numerous cultivars	Y	N Y	select hardy cultivar
Medium	DOGWOOD	Nyssa	sylvatica	Black Gum - Black Tupelo	numerous cultivars	Y	Y	select hardy cultival
Medium	ELM	Celtis	occidentalis	Hackberry		Y Y	Y	
Medium Medium	ELM HEATH	Ulmus Oxydendrum	parvifolia arboreum	Chinese Elm, Lacebark Elm Sourwood		Ϋ́Υ	N Y	
Medium	LAUREL	Sassafras	albidum	Sassafras		Y	Υ	branches may be weak
Medium	LEGUME	Cercis	candensis	Eastern Redbud		Υ	Υ	
		Sophora (now		Japanese Pagodatree				
Medium Medium	LEGUME LINDEN	Styphnolobium) Tilia	japonica x euchlora	Chinese Scholartree Crimean Linden		Y Y	N N	
Medium	MAPLE	Acer		Trident Maple		r N	N	
Medium	MAPLE	Acer	campestre	Hedge Maple		N	N	
Medium Medium	MAPLE MAPLE	Acer Acer	griseum griseum x nikoense	Paperbark Maple Girard Hybrid Paperback		N N	N N	
Medium	MAPLE	Acer	miyabei	Miyabe Maple		N	N	
Medium Medium	MAPLE MAPLE	Acer Acer	pennsylvanicum triflorum	Striped Bark Maple Three Flower Maple		N N	Y N	
Medium	OLIVE	Syringa	reticulata	Japanese Tree Lilac		Υ	N	
Medium Medium	OLIVE PINE	Syringa Tsuga	reticulata pekinensis caroliniana	Peking Tree Lilac Carolina Hemlock		Y Y	N Y	Native range is SE US
Medium Medium	SAPINDACEAE	Tsuga Koelreuteria	paniculata	Goldenrain Tree		Ϋ́	Y N	ivative idlige is SE US
Medium	SNOWBELL	Halesia	tetraptera	Carolina Silverbell		Y	Υ	fka H. carolina
Medium Small	WALNUT BEECH	Juglans Castanea	regia pumila	English Walnut Allegheny Chestnut		Υ Υ	N Y	Nuts may be a nuisance Native range is SE US
Small	BIRCH	Carpinus	japonica	Japanese Hornbeam		Υ	N	
Small Small	BIRCH BIRCH	Carpinus Corylus	orientalis americana	Oriental Hornbeam American Filbert		Y V	N Y	
Small	BIRCH	Corylus	avellana	European Filbert		Y	N	
Small Small	BIRCH BLADDERNUT	Corylus Staphylea	maxima trifolia	Purple Filbert Bladdernut		Υ	N	
Small	BUCKEYE	Aesculus	pavia	Red Buckeye		y Y	y Y	
Small	DOGWOOD	Cornus	alternifolia	Pagoda Dogwood		Y 	Υ	select hardy cultivar
Small Small	DOGWOOD DOGWOOD	Cornus Cornus	kousa mas	Kousa Dogwood Corneliancherry Dogwood	numerous cultivars	Y Y	N N	
Small	DOGWOOD	Cornus	officianalis	Japanese Dogwood		Y	N	
Small Small	LEGUME LEGUME	Albizia Maackia	julibrissin amurensis	Silk Tree Chinese Maackia		Y	N N	
Small	MAPLE	Acer	tataricum	Tartarian Maple		N	N	
Small Small	MAPLE	Acer	truncatum	Shantung Maple Chinese Fringe Tree		N	N N	
Small Small	OLIVE OLIVE	Chioanthus Chioanthus	retusus virginicus	Chinese Fringe Tree Fringetree - Old Man's Beard		Ϋ́Υ	N Y	
Small	ROSE	Amelanchier	arborea	Downy Serviceberry		Υ	Y	
Small Small	ROSE ROSE	Amelanchier Amelanchier	canadensis grandiflora	Shadblow Serviceberry Apple Serviceberry		Y Y	Y Y	
Small	ROSE	Amelanchier	laevis	Allegheny Serviceberry		·		
Small Small	ROSE ROSE	Crataegus Malus	TBD TBD	Hawthorne Flowering Crab Apple	review/approve species & cultivar review/approve species & cultivar	Y Y	N N	
Small	ROSE	Prunus	TBD	Cherry/Plum	review/approve species & cultivar	'	17	
Small	ROSE	Sorbus	TBD	Mountain Ash	review/approve species & cultivar	.,	.,	
Small Small	RUE SNOWBELL	Ptelea Halesia	trifolata diptera	Common Hoptree Two-winged Silverbell		Y Y	Y Y	Native range is SE US
Small	SNOWBELL	Pterostyrax	hispida	Fragrant Epaulettetree		Y	N	
Small Small	SNOWBELL SNOWBELL	Styrax Styrax	japonicus obassia	Japanese Snowbell Fragrant Snowbell		Y Y	N N	
		,		<u> </u>		·		Pre-approval required for location, use, species selections. Shallow root mass, shape may impair line of sight.
TBD	PINE					N	TBD	

Grow						Active	Nativo	
Grow <u>Space</u>	<u>Family</u>	<u>Genus</u>	<u>Species</u>	Common Name	Variety/Cultivar(s)	Selection (Y/N)	Native (Y/N)	<u>Notes</u>
Small	BEECH	Castanea	pumila	Allegheny Chestnut		Υ	Υ	Native range is SE US
Small	ROSE	Amelanchier	laevis	Allegheny Serviceberry		.,	.,	
Large Large	LINDEN BEECH	Tilia Fagus	americana grandifolia	American Basswood American Beech		Y Y	Y Y	Extra large sites only
Large	ELM	Ulmus	americana	American Elm	see Morton Arboretum, Elm Cultivars	Υ	Y/N	Must be Dutch Elm Disease Resistant
Small Medium	BIRCH BIRCH	Corylus Carpinus	americana caroliniana	American Filbert American Hornbeam		Y Y	Y Y	
Large	SYCAMORE	Platanus	occidentalis	American Sycamore		Υ	Υ	
Small Large	ROSE OLIVE	Amelanchier Fraxinus	grandiflora TBD	Apple Serviceberry Ash, various		Y N	Y Y/N	not approved, pending emerald ash borer resistant cultivars
Large	REDWOOD	Taxodium	distichum	Bald Cypress		Y	Y	not approved, pending emerate asia borer resistant cultivars
Large Medium	WALNUT DOGWOOD	Carya	cordiformis sylvatica	Bitternut Hickory Black Gum - Black Tupelo		Y	Y Y	Nuts may be a nuisance
Large	BEECH	Nyssa Quercus	velutina	Black Oak		Y	Y	
Large	WALNUT	Juglans	nigra	Black Walnut		Υ	Υ	Nuts may be a nuisance
Small Large	BLADDERNUT BEECH	Staphylea Quercus	trifolia macrocarpa	Bladdernut Bur Oak		y Y	y Y	
Large	WALNUT	Juglans	cineria	Butternut		N	Υ	Nuts may be a nuisance; susceptible to Butternut Canker
Large Medium	PINE PINE	Tsuga Tsuga	candensis caroliniana	Canadian (Eastern) Hemlock Carolina Hemlock		Y Y	Y Y	Native range is SE US
Medium	SNOWBELL	Halesia	tetraptera	Carolina Silverbell		Ϋ́	Y	fka H. carolina
Small	ROSE BEECH	Prunus Quercus	TBD prinus (montana)	Cherry/Plum Chestnut Oak	review/approve species & cultivar	γ	Y	
Large Large	BEECH	Castanea	mollisima	Chinese Chestnut		Y	N	Nuts may be a nuisance
Medium	ELM	Ulmus	parvifolia	Chinese Elm, Lacebark Elm		Y	N	
Small Medium	OLIVE BUCKEYE	Chioanthus Aesculus	retusus chinensis	Chinese Fringe Tree Chinese Horsechestnut		Υ Υ	N N	
Small	LEGUME	Maackia	amurensis	Chinese Maackia		Υ	N	
Medium Large	BEECH BIRCH	Quercus Alnus	meuhlenbergii glutinosa	Chinkapin Oak Common Alder		Y Y	Y N	
Small	RUE	Ptelea	trifolata	Common Hoptree		Ϋ́	Y	
Small Medium	DOGWOOD LINDEN	Cornus Tilia	mas x euchlora	Corneliancherry Dogwood Crimean Linden		Y	N N	
Large	MAGNOLIA	Magnolia	acuminata	Cucumber Tree Magnolia	cultivars to be reviewed/approved	Y	Y	upright, single stem
Large	REDWOOD	Metasequoia	glyptostroboides	Dawn Redwood		Y	N	
Small Medium	ROSE BIRCH	Amelanchier Ostrya	arborea virginiana	Downy Serviceberry Eastern Hophornbeam		Υ Υ	Y Y	
Medium	LEGUME	Cercis	candensis	Eastern Redbud		Y	Υ	
Medium	CYPRESS	Juniperus	virginiana	Eastern Redcedar Eastern/American Arborvitae		Y	Y	Screening, not shade
Medium	CYPRESS	Thuja	occidentalis	White Cedar		Υ	Υ	Screening, not shade
Large Medium	BEECH WALNUT	Quercus Juglans	robur regia	English Oak English Walnut		Y	N N	Nuts may be a nuisance
Large	BEECH	Jugians Fagus	regia sylvatica	European Beech		Y	N N	Nuts may be a nuisance Extra large sites only
Small	BIRCH	Corylus	avellana	European Filbert		Y	N	
Medium Large	BIRCH PINE	Carpinus Larix	betulus decidua	European Hornbeam European Larch		Υ Υ	N N	
Medium	DOGWOOD	Cornus	florida	Florida Dogwood	numerous cultivars	Υ	Υ	select hardy cultivar
Small Small	ROSE SNOWBELL	Malus Pterostyrax	TBD hispida	Flowering Crab Apple Fragrant Epaulettetree	review/approve species & cultivar	Y Y	N N	
Small	SNOWBELL	Styrax	obassia	Fragrant Snowbell		Ϋ́	N	
Large Small	MAPLE OLIVE	Acer Chioanthus	x freemanii virginicus	Freeman Maple Fringetree - Old Man's Beard		N v	Y Y	
Medium	DOGWOOD	Cornus	contraversa	Giant Dogwood		Y	N	
Large	GINGKO MAPLE	Gingko	biloba	Gingko		Y	N	Male Only
Medium Medium	SAPINDACEAE	Acer Koelreuteria	griseum x nikoense paniculata	Girard Hybrid Paperback Goldenrain Tree		N Y	N N	
Medium	ELM	Celtis	occidentalis	Hackberry		Y	Y	
Small Medium	ROSE BIRCH	Crataegus Carpinus	TBD cordata	Hawthorne Heartleaf Hornbeam	review/approve species & cultivar	Y Y	N N	
Medium	MAPLE	Acer	campestre	Hedge Maple		N	N	
Large Medium	LEGUME BUCKEYE	Gleditsia Aesculus	triacanthos Hippocastanum	Honeylocust Horsechestnut	Sunburst, Skyline, Imperial	Y	Y N	
Small	DOGWOOD	Cornus	officianalis	Japanese Dogwood		Y	N	
Small	BIRCH PINE	Carpinus	japonica kaompfori	Japanese Hornbeam		Y Y	N	
Large	PINE	Larix	kaempferi	Japanese Larch		ľ	N	
N.A. addissas	LECUME	Sophora (now	inanain	Japanese Pagodatree		V	N1	
Medium Small	LEGUME SNOWBELL	Styphnolobium) Styrax	japonica japonicus	Chinese Scholartree Japanese Snowbell		Y Y	N N	
Medium	OLIVE	Syringa	reticulata	Japanese Tree Lilac		Υ	N	
Large Large	ELM LEGUME	Zelkova Gymnocladus	serrata dioicus	Japanese Zelkova Kentucky Coffeetree		Y Y	N Y	
Small	DOGWOOD	Cornus	kousa	Kousa Dogwood	numerous cultivars	Υ	N	
Large Large	LINDEN SYCAMORE	Tilia Platanus	cordata acerifolia	Littleleaf Linden London Planetree	numerous cultivars	Y	N N	may be more hardy in urban environment
Medium	MAPLE	Acer	miyabei	Miyabe Maple		N	N	
Small Large	ROSE BEECH	Sorbus Quercus	TBD rubra	Mountain Ash Northern Red Oak	review/approve species & cultivar	Υ	Υ	
Medium	BUCKEYE	Aesculus	glabra	Ohio Buckeye		Y	Y	
Small	BIRCH	Carpinus	orientalis	Oriental Hornbeam		Y	N	
Large Small	BEECH DOGWOOD	Quercus Cornus	lyrata alternifolia	Overcup Oak Pagoda Dogwood		Ϋ́Υ	Y Y	Native range is SE US select hardy cultivar
Medium	MAPLE	Acer	griseum	Paperbark Maple		N	N	·
Large Medium	WALNUT OLIVE	Carya Syringa	illinoisensis reticulata pekinensi	Pecan s Peking Tree Lilac		Y Y	Y N	Nuts may be a nuisance
Large	BEECH	Quercus	palustris	Pin Oak		Υ	Y	
Large Medium	REDWOOD BEECH	Taxodium Quercus	ascendens stellata	Pond Cypress Post Oak		Y Y	Y N	Native range is SE US Introduced in 1819
Small	BIRCH	Corylus	maxima	Purple Filbert		Υ	N	
Small Medium	BUCKEYE BUCKEYE	Aesculus Aesculus	pavia x carnea	Red Buckeye Red Horsechestnut		Y Y	Y N	
Large	MAPLE	Acer	rubrum	Red Maple		N	Υ	
Medium Medium	BIRCH LAUREL	Betula Sassafras	nigra albidum	River Birch Sassafras		Y Y	Y Y	Single Stem branches may be weak
Large	BEECH	Quercus	acutissima	Sawtooth Oak		Ϋ́	Y N	2. and they be weak
Large Small	BEECH ROSE	Quercus Amelanchier	coccinea	Scarlet Oak Shadblow Serviceberry		Y	Y Y	
Small Large	WALNUT	Ameianchier Carya	canadensis ovata	Shadblow Serviceberry Shagbark Hickory		Y	Y	Nuts may be a nuisance
Small	MAPLE	Acer	truncatum	Shantung Maple		N	N	Nute may be a selected
Large Medium	WALNUT BEECH	Carya Quercus	laciniosa imbricaria	Shellbark Hickory Shingle Oak		Y Y	Y Y	Nuts may be a nuisance
Large	BEECH	Quercus	shumardii	Shumard Oak		Y	Y	
Small Large	LEGUME LINDEN	Albizia Tilia	julibrissin tomentosa	Silk Tree Silver Linden		Y Y	N N	may be more hardy in urban environment
Large	ELM	Ulmus	carpinifolia	Smoothleaf Elm		Υ	N	,
Medium Medium	HEATH MAPLE	Oxydendrum Acer	arboreum pennsylvanicum	Sourwood Striped Bark Maple		Y N	Y Y	
Large	MAPLE	Acer	saccharum	Sugar Maple		N	Y	
Medium Large	BEECH BIRCH	Quercus Betula	bicolor lenta	Swamp White Oak Sweet or Black Birch		Y Y	Y Y	
Large	WITCH HAZEL	Liquidambar	styraciflua	Sweetgum		Y	Y	Seed pods may be a nuisance
Large Large	MAPLE PINE	Acer Larix	pseudoplatanus Jaricina	Sycamore Maple		N V	N Y	
Large Small	PINE MAPLE	Larix Acer	laricina tataricum	Tamarack Larch Tartarian Maple		Y N	Y N	
Medium	MAPLE	Acer	triflorum	Three Flower Maple		N	N	
Medium Medium	MAPLE BIRCH	Acer Corylus	beurgerianum columa	Trident Maple Turkish Hazelnut		N Y	N N	
Small	SNOWBELL	Halesia	diptera	Two-winged Silverbell		Υ	Y	Native range is SE US
Large Large	BEECH BEECH	Quercus Quercus	alba phellos	White Oak Willow Oak		Y Y	Y Y	Native range is SE US
Large	WALNUT	Carya	glabra	Wingnut Hickory		Υ	Υ	Nuts may be a nuisance
Large Large	BIRCH BUCKEYE	Betula Aesculus	alleghaniensis flava	Yellow Birch Yellow Buckeye		Y Y	Y Y	
Large	MAGNOLIA	Liriodendron	tulipifera	Yellow Poplar - Tuliptree		Υ	Υ	
Large	LEGUME	Cladrastis	kentukea	Yellowwood		Υ	У	Pre-approval required for location, use, species selections.
TBD	PINE					N	TBD	Shallow root mass, shape may impair line of sight.