

# Expanding and Stewardship Regional Forest Canopy through the Northwest (NW) Indiana Tree Planting Consortium. DAVE



## **User Guide**

### Hello Northwest Indiana Tree Planting Consortium Communities,

Welcome to the species selection list for Lake County, which is a compilation of multiple tree nursery inventory lists and includes species hardy in zone 5. Participating nurseries are:

Nursery	Location
Dogwood Hills Tree Farm	Middlebury, IN
Kankakee Nursery Co.	St. Anne, IL
Schneider Nursery	Seymour, IN
Woody Warehouse Nursery Inc.	Lizton, IN
Hoette Farms and Nursery	New Florence, MO
Possibility Place Nursery	Monee, IL

As consortium leading partners, we aim to annually update this list while partnering with nurseries within 300 miles of Lake County, IN.

The list is formatted to allow users to focus on specific interests dynamically. You can change your filters to view different species subsets without altering the original list. Below are directions on using the filtering system.

The "Tree and Shrub Species" tab contains both common and botanical names for each species. If there's a variety/cultivar, it will be listed as a separate species.

Each species is described in multiple ways in the subsequent columns. These descriptions aid in the planning process.

The "Planting Frequency Recommendation" column presents a simplified matrix developed by Davey Resource Group, considering climate change predictions, pest threats, and diversity challenges. Climate change predictions are adapted from the Chicago, Illinois Climate Change Vulnerability of Urban Trees study conducted by the Northern Institute of Applied Climate Science.

The "Environmental Tolerance" columns encompass various site characteristics for tree planting planners to consider, including preferences for shade, sensitivity to drought or flooding conditions, and tolerance to road or foot traffic winter salting. The "Usage Qualities" columns provide characteristics such as mature tree size, recommended landscape placement, Indiana nativeness, suitability for a community fruit consumable orchard, leaf type classification, anticipated flowering times, and flower color classification.

The "Prohibited Species" tab contains a shortlist of species that should not be planted or require careful consideration due to potential threats. References to "invasive," "impacted," and "aggressive" highlight their classification by the Indiana Invasive Species Council, potential long-term survival concerns due to pests, and competitive capabilities with surrounding vegetation, respectively.

#### Filtering directions for the Tree and Shrub Species tab:

- 1. Filter the data: Find drop-down arrows next to each column header in your table.
- 2. Click the filter arrow: Choose the column you want to filter.
- 3. Filter by values: Select specific values to display by checking or unchecking the boxes.
- 4. Applying multiple filters: Refine results by applying filters to multiple columns simultaneously.
- 5. Clearing filters: Remove filters by clicking the filter arrow and selecting "Clear Filter From [Column Name]" or using the "Clear" option in the "Sort & Filter" group.

6Reapplying filters: After modifying data, click the filter arrow and select "Reapply Filter" to reflect the changes.

Happy planting from your Northwest Indiana Tree Planting Consortium Partners!

**Delta Institute** 

Davey Resource Group, Inc.





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	Planting Frequency												
	Recommendation	Environment	al Tolerance				Usage Qua	lities					
Common	Diversity Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Native Species	Fruit Grove	Leaf type	Peak Flowering	Flower Color
fir, balsam	Low	Partially Tolerant	Upland	Moderately Sensitive			Large Tree		i i	No	Evergreen Conifer	Non- Flowering	Non-Flowering
fir white	Low	Partially Tolerant	Unland	Moderately Sensitive	Sensitive	Sensitive	I arge Tree	No	North America	No	Evergreen	Non-	Non-Flowering
,				Moderately							Evergreen	Non-	
fir, frasier	Low	Tolerant Partially	Upland/ Upland/	Sensitive Moderately	Sensitive	Sensitive Moderately	Large Tree	No	North America	No	Conifer Deciduous	Flowering	Non-Flowering
maple, amur	Low	Tolerant	Lowland	Tolerant	Moderately Sensitive	Tolerant	Small Tree	No	No	No	Broadleaf	Late Spring	Inconspicuous
maple, paperbark	Low	Tolerant	Lowland	Sensitive	Moderately Sensitive	Undetermined	Small Tree	Yes	No	No	Broadleaf	Late Spring	Yellow White
maple, State Street miyabe	Low	Moderately Tolerant	Upland	Moderately Tolerant	Moderately Sensitive	Undetermined	Large Tree	Yes	No	No	Deciduous Broadleaf	Late Spring	Inconspicuous
maple black	Medium	Tolerant	Upland/	Moderately Tolerant	Sensitive	Sensitive	Large Tree	Yes	Indiana	Nο	Deciduous Broadleaf	Late Spring	Inconspicuous
maple, Bloodgood				Moderately							Deciduous		
Japanese	Low	lolerant	Undetermined	Sensitive	Moderately Sensitive	Undetermined	Small Tree	No	NO	No	Broadleat	Late Spring	Inconspicuous
maple, Tamukeyama Japanese	Low	Tolerant	Undetermined	Moderately Sensitive	Moderately Sensitive	Undetermined	Small Tree	No	No	No	Deciduous Broadleaf	Late Spring	Inconspicuous
maple, striped	Low	Tolerant	Upland	Moderately Sensitive	Moderately Tolerant	Undetermined	Small Tree	No	North America	No	Broadleaf	Late Spring	Inconspicuous
maple, Korean	Low	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Undetermined	Small Tree	Yes	No	No	Broadleaf	Late Spring	Yellow
maple, red	Medium	Moderately Tolerant	Lowland	Moderately Tolerant	Moderately Tolerant	Sensitive	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Spring	Inconspicuous
maple, Autumn Radiance	Medium	Moderately Tolerant	Lowland	Moderately Tolerant	Moderately Tolerant	Sensitive	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Spring	Red
maple, Burgundy Belle	Medium	Moderately Tolerant	Lowland	Moderately Tolerant	Moderately Tolerant	Sensitive	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Spring	Inconspicuous
maple, Autumn		Moderately		Moderately							Deciduous		Inconspicuous
		Moderately		Moderately	,						Deciduous		
maple, Brandywine	Medium	Moderately	Lowiand	Moderately	Moderately Tolerant	Sensitive	Large Tree	Yes	Indiana	No	Deciduous	Early Spring	Inconspicuous
maple, Redpointe	Medium	Tolerant Moderately	Lowland	Tolerant Moderately	Moderately Tolerant	Sensitive	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Red
maple, Red Sunset	Medium	Tolerant	Lowland	Tolerant	Moderately Tolerant	Sensitive	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Red
maple, October Glory	Medium	Tolerant	Lowland	Tolerant	Moderately Tolerant	Sensitive	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Red
maple, Somerset	Medium	Moderately Tolerant	Lowland	Moderately Tolerant	Moderately Tolerant	Sensitive	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Spring	Red
maple. Sun Valley	Medium	Moderately Tolerant	Lowland	Moderately Tolerant	Moderately Tolerant	Sensitive	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Spring	Red
maple, Summer		Moderately		Moderately			Ĭ				Deciduous		
		Moderately		Moderately		Moderately					Deciduous		
maple, silver	Low	Tolerant Moderately	Lowland		Moderately Tolerant		Large Tree	Yes	Indiana	No		Early Spring	Red
maple, Silver Queen	Low	Tolerant	Lowland	Tolerant	Moderately Tolerant	Tolerant	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Inconspicuous
maple, sugar	Low	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Inconspicuous
maple, Commemoration	Low	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous
maple, Fall Fiesta	Low	Tolerant	Upland	Moderately Tolerant	Sensitive	Sensitive	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous
maple, Green				Moderately							Deciduous		
	fir, white fir, frasier maple, amur maple, paperbark maple, State Street miyabe maple, black maple, Bloodgood Japanese maple, Tamukeyama Japanese maple, Korean maple, Korean maple, Red maple, Autumn Radiance maple, Burgundy Belle maple, Barndywine maple, Red Sunset maple, Red Sunset maple, Somerset maple, Summer Sensation maple, Silver maple, Silver Queen maple, sugar maple, Commemoration maple, Fall Fiesta	Common Diversity Considerations  fir, balsam Low  fir, white Low  fir, frasier Low  maple, amur Low  maple, paperbark Low  maple, State Street miyabe Low  maple, Bloodgood Japanese Low  maple, Tamukeyama Japanese Low  maple, Korean Low  maple, Rorean Low  maple, Paurgundy Belle Medium  maple, Burgundy Belle Medium  maple, Red Sunset Medium  maple, Red Sunset Medium  maple, Qoctober Glory Medium  maple, Summer Sensation Medium  maple, Silver Low  maple, Sugar maple, Commemoration Low  maple, Fall Fiesta Low  maple, Fall Fiesta	Common	Common	Common   Diversity   Shade   Native Habitat   Drought	Common   Considerations   Consideratio	Common	New Paristry   Common   Considerations   Shade   Native Habitat   Drought   Waterlogging   Salt Tolerant   Size	Common   Diversity   Sade   Native Habita   Drought   Waterlogging   Salf Tolerant   Size   Street Tree	Diversity   Dive	Common   Consideration   State   Native Habitat   Drought   Waterlogging   Salt Tolerant   Size   Street Tree   Species   Grove   Fire   Species   Grove   Fire   Species   Grove   Species   Street   Tree   Species   Grove   Species   Species	Partially   Diversity   Standor   Partially   Diversity   Standor   Partially   Diversity   Diversit	New Notion





		Planting Frequency												
Species Name		Recommendation	Environment	al Tolerance				Usage Qua	lities					
Botanical	Common	Diversity Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Native Species	Fruit Grove	Leaf type	Peak Flowering	Flower Color
Acer saccharum 'JFS-					Moderately							Deciduous		
Caddo2'	maple, Flashfire	Low	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous
					Moderately							Deciduous		
Acer saccharum 'Legacy'	maple, Legacy sugar	Low	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous
Acer spicatum	maple, mountain	Low	Moderately Tolerant	Upland	Moderately Sensitive	Moderately Tolerant	Undetermined	Small Tree	No	North America	No	Deciduous Broadleaf	Late Spring	Inconspicuous
Acei Spicatum	mapie, mountain	LOW	Partially	Opiariu	Moderately	Woderately Tolerant	Ondetermined	Official Tree	INO	North America	INO	Deciduous	Early	iricorispicuous
Acer tataricum 'Gar Ann'	maple, Hot Wings	Low	Tolerant	Undetermined	Tolerant	Moderately Sensitive	Some Tolerance	Small Tree	Yes	No	No	Broadleaf	Summer	Greenish Yellow
Acer tataricum subsp. ginnala			Partially		Moderately							Deciduous		
'Flame'	maple, Flame amur	Low	Tolerant	Undetermined	Tolerant	Moderately Sensitive	Some Tolerance	Small Tree	Yes	No	No	Broadleaf	Late Spring	Yellow White
Acer truncatum x platanoides 'JFS-KW202'	maple, Crimson	Low	Partially	Lindatarminad	Moderately	Madaratah Canaitiya	Undetermined	Cmall Tree	Vaa	No	No	Deciduous Broadleaf	Lata Carina	Valley White
JFS-KW202	Sunset	Low	Tolerant Moderately	Undetermined	Tolerant Moderately	Moderately Sensitive	Undetermined	Small Tree	Yes	No	No	Deciduous	Late Spring	Yellow White
Acer x freemanii 'Armstrona'	maple, Armstrong	Medium	Tolerant	Lowland	Tolerant	Moderately Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous
Acer x freemanii 'Armstrong	maple, Armstrong	modium	Moderately	Lomana	Moderately	moderately relevant	Onactonimica	Laige 1100		maiana		Deciduous	Lute opinig	comproducus
Gold'	Gold	Medium	Tolerant	Lowland	Tolerant	Moderately Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Inconspicuous
			Moderately		Moderately							Deciduous		
Acer x freemanii 'Bailston'	maple, Matador	Medium	Tolerant	Lowland	Tolerant	Moderately Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Inconspicuous
Acer x freemanii 'Celzam'	manla Calabratian	Madium	Moderately	Loudond	Moderately	Madaratah Talarant	Undetermined	Large Tree	Vaa	Indiana	No	Deciduous	Forty Coring	Dad
Acer x freemanii Ceizam	maple Celebration	Medium	Tolerant Moderately	Lowland	Tolerant Moderately	Moderately Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf Deciduous	Early Spring	Reu
Acer x freemanii 'Jeffersred'	maple, autumn blaze	Medium	Tolerant	Lowland	Tolerant	Moderately Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Red
7 toor x moonnamm comercine	maple, addini blaze	modium	Moderately	Lomana	Moderately	moderately relevant	Onactonimica			maiana		Deciduous	Lany opining	
Acer x freemanii 'Marmo'	maple, Marmo	Medium	Tolerant	Lowland	Tolerant	Moderately Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Inconspicuous
	maple, Pacific		Partially									Deciduous		
Acer x Pacific Sunset	Sunset	Low	Tolerant	Undetermined	Tolerant	Sensitive	Undetermined	Small Tree	Yes	No	No	Broadleaf	Early Spring	Inconspicuous
Aesculus flava	huekovo vollov	Low	Tolerant	Lowland	Moderately Sensitive	Moderately Sensitive	Concitivo	Largo Troo	No	Indiana	No	Deciduous Broadleaf	Spring	Inconspicuous
Aesculus liava	buckeye, yellow	LOW	Tolerani	LOWIATIU	Moderately	Widderately Serisitive	Serisitive	Large Tree	INO	IIIulalia	INU	Deciduous	Spring	iricorispicuous
Aesculus glabra	buckeye, Ohio	Low	Tolerant	Lowland	Sensitive	Moderately Sensitive	Sensitive	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Yellow
					Moderately			g				Deciduous		
Aesculus glabra 'J.N. Select'	buckeye, J.N. Select	Low	Tolerant	Lowland	Sensitive	Moderately Sensitive	Sensitive	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Greenish Yellow
Aesculus hippocastanum	horsechestnut,		Moderately		Moderately							Deciduous		
'Baumanii'	Baumanii	Low	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Some Tolerance	Large Tree	Yes	No	No	Broadleaf	Late Spring	Greenish Yellow
Aesculus parviflora	buckeye, bottlebrush	Low	Partially Tolerant	Lowland/ Upland	Sensitive	Sensitive	Undetermined	Shrub	No	North America	No	Deciduous Broadleaf	Late Spring	White and Red
Aesculus parvillora	buckeye, bottlebrush	LOW	Moderately	Lowland/	Moderately	Sensitive	Ondetermined	Siliub	INO	North America	INU	Deciduous	Late	Write and Neu
Aesculus pavia	buckeye, red	Medium	Tolerant	Upland	Tolerant	Tolerant	Some Tolerance	Small Tree	Yes	North America	No	Broadleaf	Summer	White and Red
Aesculus x arnoldiana	buckeye, Autumn		Moderately		Moderately							Deciduous		
'Autumn Splendor'	Splendor	Medium	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Some Tolerance	Small Tree	Yes	No	No	Broadleaf	Late Spring	Red
	horsechestnut, Ruby		Moderately		Moderately							Deciduous		
Aesculus x carnea 'Briotii'	Red	Low	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Some Tolerance	Small Tree	Yes	No	No	Broadleaf	Late Spring	Yellow
Aesculus x carnea 'Ft. McNair'	horsechestnut, Fort McNair	Low	Moderately Tolerant	Undetermined	Moderately Sensitive	Moderately Sensitive	Some Tolerance	Large Tree	Yes	No	No	Deciduous Broadleaf	Late Spring	Red
Aesculus X carriea T t. IVICINAII	IVICINAII	LOW	Partially	Ondetermined	Moderately	Woderately Serisitive	Moderately	Large Tree	163	140	INO	Deciduous	Late Spring	rteu
Alnus incana subsp. rugosa	alder, speckled	Medium	Tolerant	Lowland	Sensitive	Tolerant	Tolerant	Small Tree	No	Indiana	No	Broadleaf	Late Spring	Pink
· · ·			Partially		Moderately		Moderately					Deciduous	, ,	
Alnus spaethii	alder, Spaeth's	Low	Tolerant	Lowland	Sensitive	Tolerant	Tolerant	Small Tree	No	No	No	Broadleaf	Early Spring	Purple
A I	serviceberry,		Partially					01 1			.,	Deciduous		
Amelanchier alnifolia	Saskatoon	Low	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	North America	Yes	Broadleaf	Late Winter	Inconspicuous
Amelanchier arborea	juneberry	Low	Partially Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub/Smal Tree	Yes	Indiana	Yes	Deciduous Broadleaf	Late Spring	White
, in claricinor arburea	serviceberry,	LOVV	Partially	Chacterminea	Moderately	Shactomined	Chacterfillied	Shrub/Smal		uana	103	Deciduous	Late Spring	***************************************
Amelanchier canadensis	shadblow	Low	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Undetermined	Tree	No	North America	Yes	Broadleaf	Late Spring	White
			Partially		Moderately	1						Deciduous	, ,	
Amelanchier humilis	low shadblow	Low	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Undetermined	Shrub	No	Indiana	Yes	Broadleaf	Late Spring	White





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		Planting Frequency												
Species Name		Recommendation	Environment	al Tolerance				Usage Qua	lities					
		Diversity								Native	Fruit		Peak	
Botanical	Common	Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Species	Grove	Leaf type	Flowering	Flower Color
Amalanahiar intariar	iumaharni	Law	Partially	Undetermined	Moderately	Madaratah Canaitiya	Undetermined	Cmall Tree	No	North America	Vac	Deciduous	Lata Carina	\A/hito
Amelanchier interior	juneberry serviceberry,	Low	Tolerant Partially	Undetermined	Sensitive Moderately	Moderately Sensitive	Undetermined	Small Tree	No	North America	Yes	Broadleaf Deciduous	Late Spring	White
Amelanchier laevis	Allegheny	Low	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Undetermined	Small Tree	Yes	Indiana	Yes	Broadleaf	Late Spring	White
	serviceberry, Spring		Partially		Moderately	,						Deciduous	, ,	
Amelanchier laevis 'JFS-Arb	Flurry	Low	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Undetermined	Small Tree	Yes	Indiana	Yes	Broadleaf	Late Spring	White
A	i b	1	Partially	l ll - 4il	Moderately	Madantali Osmitina	l lo dotomoio o d	C!! T	NI-	N	V	Deciduous	Lata Carina	\A/I=:4-
Amelanchier lamarckii Amelanchier x grandiflora	juneberry serviceberry, Autumn	Low	Tolerant Partially	Undetermined	Sensitive Moderately	Moderately Sensitive	Undetermined	Small Tree	No	North America	res	Broadleaf Deciduous	Late Spring	White
'Autumn Brilliance'	Brilliance	Low	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Undetermined	Small Tree	Yes	North America	Yes	Broadleaf	Late Spring	White
Amelanchier x grandiflora	serviceberry,		Partially		Moderately	,						Deciduous	1 3	
'Princess Diana'	Princess Diana	Low	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Undetermined	Small Tree	Yes	North America	Yes	Broadleaf	Late Spring	White
Amelanchier x grandiflora	serviceberry, Robin		Partially		Moderately			0 " T			.,	Deciduous		14/1
'Robin Hill'	Hill	Low	Tolerant Moderately	Undetermined	Sensitive	Moderately Sensitive	Undetermined	Small Tree	Yes	North America	Yes	Broadleaf Deciduous	Late Spring	White
Amorpha canescens	lead plant	High	Tolerant	Upland	Tolerant	Tolerant	Undetermined	Shrub	No	Indiana	No	Broadleaf	Late Spring	White
		g	Moderately	- Printer								Deciduous	Early	
Amorpha fruticosa	indigo bush	High	Tolerant	Lowland	Tolerant	Tolerant	Undetermined	Shrub	No	Indiana	No	Broadleaf	Summer	Purple Orange
			Partially				Moderately	a			.,	Deciduous	Early	
Aronia arbutifolia	chokeberry, red	High	Tolerant	Lowland	Tolerant	Tolerant	Tolerant	Shrub	No	North America	Yes	Broadleaf	Summer	Purple Orange
Aronia melanocarpa	chokeberry, black	High	Partially Tolerant	Lowland	Tolerant	Tolerant	Moderately Tolerant	Shrub	No	Indiana	Yes	Deciduous Broadleaf	Spring	White
7 II O III a III O Gai pa	ononozony, zidon	g	Totorani	Lomana	Totorant	roiorani	Moderately	011142		maiana		Deciduous	opg	777.11.0
Aronia prunifolia	chokeberry, purple	High	Tolerant	Lowland	Tolerant	Tolerant	Tolerant	Shrub	No	Indiana	Yes	Broadleaf	Late Spring	White
			Moderately		Moderately							Deciduous		
Asimina triloba	paw paw	High	Tolerant	Lowland	Tolerant	Tolerant	Undetermined	Small Tree	No	Indiana	Yes	Broadleaf	Spring	White
Betula alleghaniensis	birch, yellow	Low	Partially Tolerant	Upland	Moderately Sensitive	Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Purple
			Partially		Moderately			gg				Deciduous		
Betula lenta	birch, sweet	Medium	Tolerant	Upland	Sensitive	Sensitive	Undetermined	Large Tree	Yes	North America	No	Broadleaf	Late Spring	Yellow Purple
					Moderately		Moderately					Deciduous		
Betula nigra	birch, river	High	Intolerant	Lowland	Sensitive	Moderately Tolerant	Tolerant	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous
Betula nigra 'BNMTF'	birch, Dura Heat River	High	Intolerant	Lowland	Moderately Sensitive	Moderately Tolerant	Moderately Tolerant	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous
Dotala Ingla BittiiII	Tuvoi	riigii	Partially	LOWIGHT	Moderately	Wiodoratory Folorant	Moderately	Large 1100	100	maiana	110	Deciduous	Late opining	Поопорющов
Betula nigra 'Cully'	birch, Heritage River	High	Tolerant	Lowland	Tolerant	Moderately Tolerant	Tolerant	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous
			Partially		Moderately							Deciduous		
Betula papyrifera	birch, paper	Low	Tolerant	Upland	Tolerant	Moderately Tolerant	Sensitive	Large Tree	No	Indiana	No	Broadleaf	Late Spring	Inconspicuous
Betula papyrifera 'Oenci'	birch, Renaissance Oasis	Low	Partially Tolerant	Upland	Moderately Tolerant	Moderately Tolerant	Sensitive	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous
Botala papymora Conor	birch, Royal Frost	Low	Partially	Оріана	Moderately	Wiodoratory Folorant	Constave	Large 1100	100	maiana	110	Deciduous	Eate oping	Поопоріододо
Betula pendula 'Royal Frost'	European	Low	Tolerant	Lowland	Tolerant	Moderately Tolerant	Undetermined	Large Tree	Yes	No	No	Broadleaf	Late Spring	Inconspicuous
Betula platyphylla 'Fargo'	birch, Dakota		Partially									Deciduous		
DAKOTA PINNACLE	Pinnacle	Low	Tolerant	Undetermined	Sensitive	Moderately Tolerant	Undetermined	Large Tree	Yes	No	No	Broadleaf	Late Spring	Inconspicuous
Betula populifolia	birch, grey	Low	Intolerant	Upland	Sensitive	Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous
				-	_ 5.15.0.0		- Audio Aminod					Deciduous	_a.o opinig	coopiouous
Betula populifolia 'Whitespire'	birch, Whitespire	Low	Intolerant	Upland	Sensitive	Sensitive	Undetermined	Large Tree	No	Indiana	No	Broadleaf	Late Spring	Inconspicuous
D. ( )						T		01 .				Deciduous		
Betula pumila	birch, dwarf	Low	Intolerant	Lowland	Undetermined	Tolerant	Undetermined	Shrub	No	Indiana	No	Broadleaf	Late Spring	Inconspicuous
Betula x 'Crimson Frost'	birch, Crimson Frost	Low	Partially Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Large Tree	No	No	No	Deciduous Broadleaf	Late Spring	Inconspicuous
Dotaid X Offinison Frost	Directi, Offinison i 10st	LOW	Tolciant	Shactomined	CONSIDER	SOLISITIAC	Moderately	Large Tree	1,10	113	140	Evergreen	Late opining	inconspicuous
Buxus 'Green Gem'	boxwood, green gem	Low	Tolerant	Undetermined	Undetermined	Undetermined	Tolerant	Shrub	No	No	No	Broadleaf	Late Spring	Greenish Yellow
	boxwood, green						Moderately					Evergreen		
Buxus 'Green Mountain'	mountain	Low	Tolerant	Undetermined	Undetermined	Undetermined	Tolerant	Shrub	No	No	No	Broadleaf	Late Spring	Inconspicuous





0		Planting Frequency							Par .					
Species Name			Environment	al Tolerance	<u> </u>		1	Usage Qua	alities	N.O.	- ·	1	la	1
Botanical	Common	Diversity Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Native Species	Fruit Grove	Leaf type	Peak Flowering	Flower Color
Buxus 'Green Velvet'	boxwood, green velvet	Low	Tolerant	Undetermined	Undetermined	Undetermined	Moderately Tolerant	Shrub	No	No	No	Evergreen Broadleaf	Late Spring	Inconspicuous
Buxus microphylla 'Winter Gem'	boxwood, winter gem Korean	Low	Tolerant	Undetermined	Undetermined	Undetermined	Moderately Tolerant	Shrub	No	No	No	Evergreen Broadleaf	Late Spring	Inconspicuous
Buxus sempervirens 'Dee Runk'	boxwood, Dee Runk	Low	Tolerant	Undetermined	Undetermined	Undetermined	Moderately Tolerant	Shrub	No	No	No	Evergreen Broadleaf	Late Spring	Inconspicuous
Buxus sinica var. insularis 'Justin Brouwers'	boxwood, Justin Brouwers	Low	Tolerant	Undetermined	Undetermined	Undetermined	Moderately Tolerant	Shrub	No	No	No	Evergreen Broadleaf	Late Spring	Inconspicuous
Buxus 'Wintergreen'	boxwood, wintergreen	Low	Tolerant	Undetermined	Undetermined	Undetermined	Moderately Tolerant	Shrub	No	No	No	Evergreen Broadleaf	Late Spring	Inconspicuous
Calycanthus floridus	sweetshrub	High	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	North America		Deciduous Broadleaf	Late Spring	Inconspicuous
•		J	Moderately		Moderately							Deciduous		·
Carpinus betulus 'Fastigiata' Carpinus betulus 'Frans	hornbeam, European hornbeam, Frans		Tolerant Moderately	Lowland	Tolerant Moderately	Sensitive	Sensitive	Large Tree		No	No	Broadleaf Deciduous	Late Spring	Inconspicuous
Fontaine'	Fontaine	Medium	Tolerant	Lowland	Tolerant Moderately	Sensitive	Sensitive	Large Tree	Yes	No	No	Broadleaf Deciduous	Late Spring	Yellow Green
Carpinus caroliniana	hornbeam, American	Medium	Tolerant Moderately	Lowland	Sensitive Moderately	Moderately Tolerant	Sensitive	Large Tree	Yes	Indiana	No	Broadleaf Deciduous	Late Spring	Yellow Green
Carya cordiformis	hickory, bitternut	High	Tolerant	Upland	Tolerant Moderately	Sensitive	Sensitive	Large Tree	Yes	Indiana	No	Broadleaf Deciduous	Late Spring	Yellow Green
Carya illinoinensis	pecan	High	Intolerant Moderately	Lowland	Sensitive Moderately	Moderately Tolerant	Sensitive	Large Tree	Yes	Indiana	Yes	Broadleaf Deciduous	Late Spring	Inconspicuous
Carya lacinosa	hickory, shellbark	High	Tolerant	Lowland	Tolerant	Sensitive	Sensitive	Large Tree	Yes	Indiana	Yes	Broadleaf	Late Spring	Inconspicuous
Carya ovalis	hickory, red	High	Moderately Tolerant	Upland	Moderately Tolerant	Sensitive	Sensitive	Large Tree	Yes	Indiana	Yes	Deciduous Broadleaf	Late Spring	Greenish Yellow
Carya ovata	hickory, shagbark	High	Moderately Tolerant	Upland	Moderately Tolerant	Sensitive	Sensitive	Large Tree	Yes	Indiana	Yes	Deciduous Broadleaf	Late Spring	Greenish Yellow
Carya tomentosa	hickory, mockernut	High	Moderately Tolerant	Upland	Moderately Tolerant	Sensitive	Sensitive	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Greenish Yellow
Catalpa speciosa	catalpa, northern	High	Partially Tolerant	Lowland	Moderately Sensitive	Sensitive	Undetermined	Large Tree	No	Indiana	No	Deciduous Broadleaf	Late Spring	Greenish Yellow
Catalpa speciosa 'Hiawatha 2'	catalpa, Heartland	High	Partially Tolerant	Lowland	Moderately Sensitive	Sensitive	Undetermined	Large Tree	No	Indiana	No	Deciduous Broadleaf	Early Summer	White
Catalpa x erubescens 'Purpurea'	catalpa, purple	Medium	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Large Tree	No	No	No	Deciduous Broadleaf	Early Summer	White
Ceanothus americanus	New Jersey Tea	High	Partially Tolerant	Upland	Tolerant	Undetermined	Undetermined	Shrub	No	North America		Deciduous Broadleaf	Early Summer	White
Celtis laevigata	sugarberry	Medium	Partially Tolerant	Lowland	Moderately Tolerant	Moderately Sensitive	Moderately	Large Tree		Indiana	No	Deciduous Broadleaf	Late Spring	White
Celtis occidentalis		High	Moderately	Lowland	Moderately Tolerant		Moderately			Indiana	No	Deciduous Broadleaf		Inconspicuous
Celtis occidentalis	hackberry, common	-	Tolerant Moderately		Moderately	Moderately Sensitive	Moderately	Large Tree				Deciduous	Late Spring	
'Chicagoland'	Chicagoland	High	Tolerant	Lowland/	Tolerant	Moderately Sensitive		Large Tree		Indiana	No	Broadleaf Deciduous	Late Spring	Inconspicuous
Celtis tenuifolia	hackberry, dwarf	Medium	Intolerant	Upland	Undetermined	Undetermined	Undetermined	Small Tree	Yes	Indiana	No	Broadleaf Deciduous	Late Spring	Inconspicuous
Cephalanthus occidentalis	buttonbush	High	Tolerant Moderately	Lowland	Intolerant	Tolerant	Undetermined	Shrub	No	Indiana	No	Broadleaf Deciduous	Late Spring Early	Inconspicuous
Cercidiphyllum japonicum	katsura tree	Low	Tolerant Moderately	Lowland	Sensitive Moderately	Moderately Sensitive	Undetermined	Large Tree	No	No	No	Broadleaf Deciduous	Summer	White
Cercis canadensis Cercis canadensis 'Ace of	redbud redbud, Ace of	High	Tolerant Moderately	Upland	Tolerant Moderately	Sensitive	Sensitive	Small Tree	Yes	Indiana	No	Broadleaf  Deciduous	Early Spring	Inconspicuous
Hearts'	Hearts	Low	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Small Tree	Yes	Indiana	No	Broadleaf	Early Spring	Pink
Cercis canadensis 'Appalachian Red'	redbud, Appalachian Red	Low	Moderately Tolerant	Upland	Moderately Tolerant	Sensitive	Sensitive	Small Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Spring	White



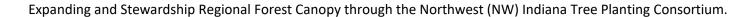


		Planting Fraguesey												
Species Name		Planting Frequency Recommendation	Environment	al Tolerance				Usage Qua	lities					
Botanical	Common	Diversity Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Native Species	Fruit Grove	Leaf type	Peak Flowering	Flower Color
	redbud, Covey		Moderately		Moderately							Deciduous		
Cercis canadensis 'Covey'	weeping	Low	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Small Tree	No	Indiana	No	Broadleaf	Early Spring	Pink
Cercis canadensis 'Forest Pansey'	redbud, Forest Pansey	Low	Moderately Tolerant	Upland	Moderately Tolerant	Sensitive	Sensitive	Small Tree	No	Indiana	No	Deciduous Broadleaf	Early Spring	Pink
anscy	redbud, The Rising	LOW	Moderately	Оріана	Moderately	OCHSIGVE	Ochsitve	Omaii ricc	140	Indiana	140	Deciduous	Larry Opining	T HIK
Cercis canadensis 'JN2'	Sun	Low	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Small Tree	No	Indiana	No	Broadleaf	Early Spring	Red
Cercis canadensis 'Pink	redbud, Pink		Moderately		Moderately							Deciduous		
Heartbreaker'	Heartbreaker	Low	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Small Tree	No	Indiana	No	Broadleaf	Early Spring	Pink
Cercis canadensis 'Ruby Falls'	redbud, Ruby Falls Weeping	Low	Moderately Tolerant	Upland	Moderately Tolerant	Sensitive	Sensitive	Small Tree	No	Indiana	No	Deciduous Broadleaf	Early Spring	Pink
Cercis canadensis 'Vanilla	***Coping	LOW	Moderately	Opiaria	Moderately	Considivo	Constave	Cinai iio	110	maiana	110	Deciduous	Larry Opining	T IIIX
Twist'	redbud, Vanilla Twist	Low	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Small Tree	No	Indiana	No	Broadleaf	Early Spring	Purple Pink
Chamaecyparis lawsoniana	falsecypress,		Moderately		Moderately							Evergreen		
'Pinpoint Gold'	Pinpoint Gold	Low	Tolerant	Undetermined	Tolerant	Sensitive	Undetermined	Small Tree	No	North America	No	Conifer	Early Spring	Red
Chamedaphne calyculata	leatherleaf	Medium	Intolerant	Undetermined	Undetermined	Undetermined	Sensitive	Shrub	No	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous
onamouapimo oary oarata	ioda ioriodi	modium	Moderately	Citable	On actorimista	O i i do i di i i i i i i i i i i i i i i	Constant	545		uana	110	Deciduous	Lute opining	посторговово
Chionanthus virginicus	white fringe tree	Medium	Tolerant	Upland	Intolerant	Moderately Sensitive	Undetermined	Small Tree	No	North America	No	Broadleaf	Early Spring	White
	yellowwood,		Moderately		Moderately							Deciduous	Early	
Cladrastis kentukea	American	Low	Tolerant	Upland	Sensitive	Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Summer	White
Clethra alnifolia	summersweet	Medium	Tolerant	Lowland	Moderately Tolerant	Moderately Tolerant	Undetermined	Shrub	No	North America	No	Deciduous Broadleaf	Early Summer	White
Olouna alimona	Summorowood	Wodiam	Partially	Lowinia	Tolorant	Wiederatery Telerant	Ondotominod	Cinab	110	140rui 7 unonod	110	Deciduous	Cummor	Willia.
Comptonia peregrina	sweet-fern	High	Tolerant	Upland	Tolerant	Intolerant	Tolerant	Shrub	No	Indiana	No	Broadleaf	Summer	White
												Deciduous		
Cornus alternifolia	dogwood, pagoda	Low	Tolerant	Upland	Sensitive	Sensitive	Undetermined	Small Tree	No	Indiana	No	Broadleaf	Late Spring	Inconspicuous
Cornus amomum	dogwood, silky	High	Moderately Tolerant	Lowland	Sensitive	Moderately Tolerant	Sensitive	Shrub	No	Indiana	No	Deciduous Broadleaf	Early Summer	Yellow White
		g. ·										Deciduous		
Cornus drummondii	dogwood, roughleaf	High	Tolerant	Upland	Tolerant	Moderately Tolerant	Undetermined	Shrub	No	Indiana	No	Broadleaf	Late Spring	White
0			<b>-</b>		Moderately	0 ""	0 '''					Deciduous		N. II. NA/II.'
Cornus florida Cornus florida 'Cherokee	dogwood, flowering dogwood, Cherokee	Low	Tolerant	Upland	Tolerant Moderately	Sensitive	Sensitive	Small Tree	No	Indiana	No	Broadleaf Deciduous	Late Spring	Yellow White
Chief'	Chief	Low	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Small Tree	No	Indiana	No	Broadleaf	Late Spring	White
Cornus florida 'Cherokee	dogwood, Cherokee				Moderately							Deciduous	, ,	
Princess'	Princess	Low	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Small Tree	No	Indiana	No	Broadleaf	Spring	Red
Cornus florida 'Cloud Nine'	dogwood, Cloud Nine	1	T-1	I lada a d	Moderately	0	0	C!! T	NI-	la dia a	NI-	Deciduous	l -t- 0i	D 1 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
Cornus florida Cioud Nine	flowering dogwood, Cherokee	Low	Tolerant	Upland	Tolerant Moderately	Sensitive	Sensitive	Small Tree	No	Indiana	No	Broadleaf Deciduous	Late Spring	Red White
Cornus florida 'Comco No. 1'	Brave	Low	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Small Tree	No	Indiana	No	Broadleaf	Late Spring	White
Cornus florida 'Kay's	dogwood, Kay's				Moderately							Deciduous	, ,	
Appalachian Mist'	Appalachian Mist	Low	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Small Tree	No	Indiana	No	Broadleaf	Late Spring	Red
Carraya kayaa	dominand Kanaa	Low	Moderately	Undetermined	Consitius	Canaitiva	Undetermined	Cmall Trac	Vaa	No	Vaa	Deciduous	Forty Coring	\A/bito
Cornus kousa	dogwood, Kousa	Low	Tolerant Moderately	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	Yes	No	Yes	Broadleaf Deciduous	Early Spring Early	vvnite
Cornus kousa chinensis	dogwood, Chinese	Low	Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	Yes	No	Yes	Broadleaf	Summer	White
			Moderately									Deciduous	Early	
Cornus kousa 'Galilean'	dogwood, Galilean	Low	Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	Yes	No	Yes	Broadleaf	Summer	Green
Cornus kousa 'Heartthrob'	dogwood, Heartthrob	Low	Moderately Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	Yes	No	Yes	Deciduous Broadleaf	Late Spring	White
Comus Nousa Medilliiliilii	dogwood, National	LUVV	Moderately	Grideterrillied	Certaitive	Gensitive	Glidetermined	Small fiee	100	140	103	Deciduous	Late Spiling	VVIIILE
Cornus kousa 'National'	kousa	Low	Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	Yes	No	Yes	Broadleaf	Late Spring	Pink
	dogwood, Radiant		Moderately									Deciduous		
Cornus kousa 'Radiant Rose'	Rose	Low	Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	Yes	No	Yes	Broadleaf	Early Spring	White
Cornus kousa 'Scarlet Fire'	dogwood, Scarlet Fire'	Low	Moderately	Undetermined	Concitivo	Concitivo	I Indotormine d	Small Trac	Yes	No	Voc	Deciduous	Lata Spring	Dink
Joinus Kousa Scarlet Fire	LIIA	Low	Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	res	No	Yes	Broadleaf	Late Spring	Pink





		Planting Frequency												
Species Name		Recommendation	Environmenta	al Tolerance				Usage Qua	lities					
Botanical	Common	Diversity Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Native Species	Fruit Grove	Leaf type	Peak Flowering	Flower Color
Cornus kousa 'Snow Tower'	dogwood, Snow Tower	Low	Moderately Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	Yes	No	Yes	Deciduous Broadleaf	Early Spring	Pink
Cornus mas	dogwood, cornelian cherry	Medium	Partially Tolerant	Undetermined	Tolerant	Moderately Tolerant	Undetermined	Small Tree	Yes	No	Yes	Deciduous Broadleaf	Late Spring	White
Cornus mas 'Golden Glory'	dogwood, Golden Glory	Medium	Partially Tolerant	Undetermined	Tolerant	Moderately Tolerant	Undetermined	Small Tree	Yes	No	Yes	Deciduous Broadleaf	Late Winter	Yellow
ornus obliqua	dogwood, blue fruited	Medium	Intolerant	Lowland	Moderately Tolerant	Moderately Tolerant	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Late Winter	Yellow
Cornus racemosa	dogwood, grey	High	Moderately Tolerant	Upland	Moderately Tolerant	Moderately Tolerant	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Late Spring	White
Cornus rugosa	dogwood, roundleaf	High	Partially Tolerant	Upland	Moderately Tolerant	Sensitive	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Early Summer	White
Cornus sericea	dogwood, red twig	Medium	Partially Tolerant	Lowland	Tolerant	Tolerant	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Spring	White
Cornus x 'Rutcan'	dogwood, Constellation	Low	Moderately Tolerant	Undetermined	Moderately Tolerant	Sensitive	Undetermined	Small Tree	No	No	No	Deciduous Broadleaf	Late Spring	White
Cornus x 'Rutdan'	dogwood, Celestial	Low	Moderately Tolerant	Undetermined	Moderately Tolerant	Moderately Sensitive		Small Tree	No	No	No	Deciduous Broadleaf	Late Spring	White
Cornus x 'Rutgan'	dogwood, Stellar Pink	Low	Moderately Tolerant	Undetermined	Moderately Tolerant	Moderately Sensitive	Undetermined	Small Tree	No	No	No	Deciduous Broadleaf	Late Spring	White Pink
Cornus x 'Rutlan' RUTH FLLEN	dogwood, Ruth Ellen	Low	Moderately Tolerant	Undetermined	Moderately Tolerant	Moderately Sensitive	Undetermined	Small Tree	No	No	No	Deciduous Broadleaf	Late Spring	Pink
orylus americana	hazelnut	Medium	Moderately Tolerant	Upland	Moderately Sensitive	Sensitive	Undetermined	Shrub	Yes	Indiana	Yes	Deciduous Broadleaf	Late Spring	White
otinus coggygria	smokebush	Low	Partially Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	Yes	No	No	Deciduous Broadleaf	Early Spring	Red
otinus coggygria 'Royal urple'	smokebush, Royal Purple	Low	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	Yes	No	No	Deciduous Broadleaf	Summer	Pink
otinus obovatus	smoketree, American	High	Partially Tolerant	Upland	Tolerant	Sensitive	Undetermined	Small Tree	Yes	North America	No	Deciduous Broadleaf	Summer	Pink
rataegus ambigua	hawthorn, Russian	Low	Moderately Tolerant	Upland	Moderately Tolerant	Sensitive	Undetermined	Small Tree	No	No	No	Deciduous Broadleaf	Summer	Pink
rataegus crus-galli	hawthorn, cockspur	Medium	Moderately Tolerant	Lowland/ Upland	Moderately Tolerant	Sensitive	Some Tolerance	Small Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	White
rataegus crus-galli 'Cruzam'	hawthorn, Crusader cockspur	Medium	Moderately Tolerant	Lowland/ Upland	Moderately Tolerant	Sensitive	Some Tolerance	Small Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	White
rataegus crus-galli var. ermis	hawthorn, thornless cockspur	Medium	Moderately Tolerant	Lowland/ Upland	Moderately Tolerant	Sensitive	Some Tolerance	Small Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	White
rataegus mollis	hawthorn, downy	Medium	Moderately Tolerant	Upland	Moderately Tolerant	Sensitive	Undetermined	Small Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	White
rataegus phaenopyrum	hawthorn, Washington	Medium	Partially Tolerant	Lowland	Moderately Sensitive	Sensitive	Some Tolerance	Small Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	White
rataegus viridis 'Winter King'	hawthorn, Winter King	Medium	Tolerant	Lowland	Tolerant	Sensitive	Some Tolerance	Small Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	White
ryptomeria japonica 'oshino'	cedar, Yoshino Japanese	Low	Moderately Tolerant	Undetermined	Moderately Tolerant	Moderately Sensitive	Undetermined	Large Tree	No	No	No	Evergreen Conifer	Late Spring	White
ydonia oblonga	quince	Low	Partially Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	No	No	No	Deciduous Broadleaf	Non- Flowering	Non-Floweri
asiphora fruticosa Potentilla)	cinquefoil, shrubby	Medium	Partially Tolerant	Upland	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Early Summer	Pink
iervilla lonicera	northern bush honeysuckle	Medium	Tolerant	Upland	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Summer	Yellow
iospyros virginiana	persimmon	High	Partially Tolerant	Upland	Moderately Sensitive	Moderately Sensitive	Undetermined	large Tree	Yes	Indiana	Yes, need male/femal	Deciduous Broadleaf	Summer	Yellow
uonymus americanus	American strawberry bush	Low	Tolerant	Lowland/ Upland	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Early Summer	Inconspicuou







		_												
		Planting Frequency												
Species Name		Recommendation	Environment	al Tolerance				Usage Qua	lities					
Botanical	Common	Diversity Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Native Species	Fruit Grove	Leaf type	Peak Flowering	Flower Color
Euonymus atropurpureus	eastern wahoo	Low	Partially Tolerant	Lowland/ Upland	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous
Ficus carica 'Brown Turkey'	fig, Brown Turkey	Low	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	No	No	Yes	Deciduous Broadleaf	Late Spring	Inconspicuous
Ficus carica 'Chicago Hardy'	fig, Chicago Hardy	Low	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	No	No	Yes	Deciduous Broadleaf	Early Spring	Yellow
Forsythia x intermedia	forsythia, Lynwood Gold	Low	Partially Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	No	No	Deciduous Broadleaf	Early Spring	Yellow
Forsythia x intermedia 'Spring Glory'	forsythia, Spring Glory	Low	Partially Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	No	No	Deciduous Broadleaf	Early Summer	White
Franklinia alatamaha	Franklin tree	Low	Partially Tolerant	Undetermined	Moderately Sensitive	Sensitive	Undetermined	Small Tree	No	No	No	Deciduous Broadleaf	Early Summer	White
Gaultheria procumbens	wintergreen	Low	Moderately Tolerant	Lowland/ Upland	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Evergreen Broadleaf	Early Summer	Pink
Gaylussacia baccata	huckleberry, black	Medium	Tolerant	Lowland/ Upland	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	Yes	Deciduous Broadleaf	Early Spring	Inconspicuous
Ginkgo biloba	ginkgo	High	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Some Tolerance	Large Tree		No	Yes, need female	Deciduous Broadleaf		Inconspicuous
Ginkgo biloba 'Autumn Gold'	ginkgo, Autumn Gold	High	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Some Tolerance	Large Tree	Yes	No	Yes, need female	Deciduous Broadleaf	Early Spring	Inconspicuous
Ginkgo biloba 'Princeton Sentry'	ginkgo, Princeton Sentry	High	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Some Tolerance	Large Tree	Yes	No	Yes, need female	Deciduous Broadleaf	Early Spring	Inconspicuous
Ginkgo biloba 'Magyar'	ginkgo, Magyar	High	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Some Tolerance	Large Tree	Yes	No	Yes, need female	Deciduous Broadleaf	Early Spring	Inconspicuous
Ginkgo biloba 'The President'	ginkgo, The President	High	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Some Tolerance	Large Tree	Yes	No	Yes, need female	Deciduous Broadleaf	Early Summer	Inconspicuous
Gleditsia triacanthos inermis	honeylocust, thornless	Medium	Intolerant	Lowland/ Upland	Tolerant	Moderately Tolerant	Some Tolerance	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	Inconspicuous
Gleditsia triacanthos inermis 'Harve'	honeylocust, Northern Acclaim	Medium	Intolerant	Lowland/ Upland	Tolerant	Moderately Tolerant	Some Tolerance	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	Inconspicuous
Gleditsia triacanthos inermis 'Impcole'	honeylocust, Imperial	Medium	Intolerant	Lowland/ Upland	Tolerant	Moderately Tolerant	Some Tolerance	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	Inconspicuous
Gleditsia triacanthos inermis 'Shademaster'	honeylocust, Shademaster	Medium	Intolerant	Lowland/ Upland	Tolerant	Moderately Tolerant	Some Tolerance	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	Inconspicuous
Gleditsia triacanthos inermis 'Suncole'	honeylocust, Sunburst	Medium	Intolerant	Lowland/ Upland	Tolerant	Moderately Tolerant	Some Tolerance	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	Inconspicuous
Gleditsia triacanthos 'Skycole'	honeylocust, Skyline	Medium	Intolerant	Lowland/ Upland	Tolerant	Moderately Tolerant	Some Tolerance	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	White
Gymnocladus dioicus	Kentucky coffeetree	High	Partially Tolerant	Upland	Moderately Tolerant	Moderately Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	Greenish White
Gymnocladus dioicus 'McKBranched'	Kentucky coffeetree, Decaf	High	Partially Tolerant	Upland	Tolerant	Moderately Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	White
Gymnocladus dioicus 'Espresso'	Kentucky coffeetree, Espresso	High	Partially Tolerant	Upland	Tolerant	Moderately Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Winter	Yellow
Hamamelis vernalis	witchhazel, vernal	Medium	Moderately Tolerant	Upland	Tolerant	Tolerant	Undetermined	Shrub/Smal Tree	No	North America	No	Deciduous Broadleaf	Late Winter	Yellow
Hamamelis virginiana	witchhazel, common	Medium	Moderately Tolerant	Upland	Moderately Sensitive	Moderately Sensitive	Sensitive	Shrub/Smal Tree	No No	Indiana	No	Deciduous Broadleaf	Early Summer	White
Heptacodium miconioides	Seven-son flower	Low	Moderately Tolerant	Undetermined	Moderately Tolerant	Moderately Sensitive	Undetermined	Small Tree	No	No	No	Deciduous Broadleaf	Summer	White
Hydrangea arborenscens	hydrangea, smooth	Medium	Tolerant	Lowland/ Upland	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Late Summer	White
Hydrangea paniculata	hydrangea, panicled	Low	Partially Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	No	No	Deciduous Broadleaf	Late Spring	White
Hydrangea quercifolia	hydrangea, oakleaf	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Early Summer	Yellow





		Planting Frequency												
Species Name		Recommendation	Environment	al Tolerance				Usage Qua	ilities					
Botanical	Common	Diversity Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Native Species	Fruit Grove	Leaf type	Peak Flowering	Flower Color
Hypericum kalmianum	St. John's wort, Kalm's	Medium	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Evergreen Broadleaf	Summer	Yellow
Llungriaum prolificum	St. John's wort,	Madium	Partially	Undetermined	Lindatarminad	Undetermined	Undetermined	Shrub	No	Indiana	No	Deciduous	Carina	Incononiavova
Hypericum prolificum	shrubby	Medium	Tolerant Partially	Undetermined	Undetermined	Undetermined	Undetermined	SHUD	No	mulana	No	Broadleaf Evergreen	Spring	Inconspicuous
llex glabra 'Stongbox'	inkberry, Strongbox	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	North America	No	Broadleaf	Spring	Inconspicuous
llex verticillata	winterberry	High	Partially Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Non- Flowering	Non-Flowering
Juniperus chinensis 'Blue Point'	juniper, blue point	Low	Intolerant	Undetermined	Undetermined	Undetermined	Some Tolerance	Small Tree	No	No	No	Evergreen Conifer	Non- Flowering	Non-Flowering
Juniperus chinensis 'Fairview'	juniper, fairview	Low	Intolerant	Undetermined	Undetermined	Undetermined	Some Tolerance	Small Tree	No	No	No	Evergreen Conifer	Non- Flowering	Non-Flowering
Juniperus chinensis 'Hetzii'	juniper, columnar	Low	Intolerant	Undetermined	Undetermined	Undetermined	Some Tolerance	Small Tree	No	No	No	Evergreen Conifer	Non- Flowering	Non-Flowering
Juniperus chinensis 'Keteleeri'	juniper, Keteleeri	Low	Intolerant	Undetermined	Undetermined	Undetermined	Some Tolerance	Small Tree	No	No	No	Evergreen Conifer	Non- Flowering	Non-Flowering
Juniperus chinensis 'Mountbatten'	juniper, Mountbatten	Low	Intolerant	Undetermined	Undetermined	Undetermined	Some Tolerance	Small Tree	No	No	No	Evergreen Conifer	Non- Flowering	Non-Flowering
Juniperus chinensis 'Spartan'	juniper, spartan	Low	Intolerant	Undetermined	Undetermined	Undetermined	Some Tolerance	Small Tree		No	No	Evergreen Conifer	Non- Flowering	Non-Flowering
Juniperus communis	juniper, common	Medium	Intolerant	Lowland	Tolerant	Moderately Sensitive	Some Tolerance	Shrub/Smal Tree	No	Indiana	No	Evergreen Conifer	Non- Flowering	Non-Flowering
Juniperus horizontalis	juniper, creeping	Medium	Intolerant	Undetermined	Undetermined	Undetermined	Some Tolerance	Shrub	No	Indiana	No	Evergreen Conifer	Non- Flowering	Non-Flowering
Juniperus virginiana	red cedar, eastern	High	Intolerant	Upland	Tolerant	Sensitive	Some Tolerance	Large Tree	No	Indiana	No	Evergreen Conifer	Non- Flowering	Non-Flowering
Juniperus virginiana 'Cupressifolia'	juniper, Hillspire	High	Intolerant	Upland	Tolerant	Sensitive	Some Tolerance	Large Tree	no	Indiana	No	Evergreen Conifer	Non- Flowering	Non-Flowering
Juniperus virginiana 'Taylor'	juniper, Taylor	High	Intolerant	Upland	Tolerant	Sensitive	Some Tolerance	Small Tree	no	Indiana	No	Evergreen Conifer	Late Summer	Yellow
Koelreuteria paniculata	golden rain tree	Low	Partially Tolerant	Undetermined	Tolerant	Sensitive	Some Tolerance	Large Tree	Yes	No	No	Deciduous Broadleaf	Late Spring	Non-Flowering
Larix laricina	larch, American	Low	Intolerant	Lowland/ Upland	Moderately Sensitive	Sensitive	Some Tolerance	Large Tree	No	Indiana	No	Deciduous Conifer	Early Spring	Yellow
Lindera benzoin	spicebush	High	Tolerant	Lowland/ Upland	Sensitive	Moderately Tolerant	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous
Liquidambar styraciflua	sweetgum, American	High	Intolerant	Lowland/ Upland	Moderately Tolerant	Moderately Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous
Liquidambar styraciflua 'Hapdell'	sweetgum, Happidaze	High	Intolerant	Lowland/ Upland	Moderately Tolerant	Moderately Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous
Liquidambar styraciflua 'Moraine'	sweetgum, Moraine	High	Intolerant	Lowland/ Upland	Moderately Tolerant	Moderately Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous
Liquidambar styraciflua 'Slender Silhoutte'	sweetgum, Slender Silhouette	High	Intolerant	Lowland/ Upland	Moderately Tolerant	Moderately Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Yellow Green
Liquidambar styraciflua 'Worplesdon'	sweetgum, Worplesdon	High	Intolerant	Lowland/ Upland	Moderately Tolerant	Moderately Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	Yellow Green
Liriodendron tulipifera	tuliptree	High	Partially Tolerant	Upland	Moderately Sensitive	Sensitive	Sensitive	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	Orange
Liriodendron tulipifera 'JFS- Oz'	tuliptree, Emerald City	High	Partially Tolerant	Upland	Moderately Sensitive	Sensitive	Sensitive	Large Tree		Indiana	No	Deciduous Broadleaf	Early Summer	Inconspicuous
Lonicera dioica	honeysuckle, limber	Medium	Tolerant	Upland	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Early Summer	Red
Lonicera reticulata	honeysuckle, yellow	Medium	Tolerant	Upland	Undetermined	Undetermined	Undetermined	Shrub	No	North America		Deciduous Broadleaf	Early Summer	Inconspicuous
Maclura pomifera 'White Shield'	osage-orange, White Shield	Medium	Partially Tolerant	Upland	Tolerant	Tolerant	Some Tolerance	Large Tree		North America		Deciduous Broadleaf	Late Spring	Greenish Yellow





Species Name		Planting Frequency Recommendation	Environment	al Toloranco				Usage Qua	litios					
		Diversity					0.11.7.1			Native	Fruit		Peak	EI 0.1
Botanical	Common	Considerations	Shade	Native Habitat	Drougnt	Waterlogging	Salt Tolerant	Size	Street Tree	Species	Grove	Leaf type	Flowering	Flower Color
Magnolia acuminata	magnolia, cucumber	Medium	Moderately Tolerant	Upland	Sensitive	Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	White Purple
·····g·················	Jg,		Moderately	Оришии								Deciduous		
Magnolia macrophylla	magnolia, big leaf	Low	Tolerant	Upland	Sensitive	Moderately Tolerant	Undetermined	Large Tree	No	North America	No	Broadleaf	Early Spring	White
Magnolia stellata	magnolia etar	Medium	Moderately Tolerant	Undetermined	Sensitive	Moderately Tolerant	Undetermined	Small Tree	No	No	No	Deciduous Broadleaf	Early Spring	White Pink
waynona stenata	magnolia, star magnolia, Centennial	ivieulum	Moderately	Ondetermined	Serisitive	Woderately Tolerant	Officetermined	Siliali fiee	INU	INO	INO	Deciduous	Early Spring	Wille Filk
Magnolia stellata 'Centennial'	Star	Medium	Tolerant	Undetermined	Sensitive	Moderately Tolerant	Undetermined	Small Tree	No	No	No	Broadleaf	Early Spring	White
			Moderately									Deciduous		
Magnolia stellata 'Royal Star'	magnolia, Royal Star	Medium	Tolerant	Undetermined	Sensitive	Moderately Tolerant	Undetermined	Small Tree	No	No	No	Broadleaf	Late Spring	White
Magnolia tripetala	magnolia, umbrella	Low	Moderately Tolerant	Upland	Sensitive	Sensitive	Undetermined	Small Tree	No	Indiana	No	Deciduous Broadleaf	Early Summer	White
	J ,		Moderately									Deciduous		
Magnolia virginiana	magnolia, sweetbay	High	Tolerant	Lowland	Sensitive	Tolerant	Undetermined	Small Tree	Yes	North America	No	Broadleaf	Late Spring	Purple
Magnolia x 'Ann'	magnolia, Ann	Low	Moderately Tolerant	Undetermined	Sensitive	Moderately Sensitive	Undetermined	Small Tree	No	No	No	Deciduous Broadleaf	Late Spring	Purple
wagiiolia x Allii	magnolia, Am	LOW	Moderately	Ondetermined	Serisitive	Wioderatery Serisitive	Ondetermined	Siliali liee	NO	NO	NO	Deciduous	Late Spring	ruipie
Magnolia x 'Betty'	magnolia, Betty	Low	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Undetermined	Small Tree	No	No	No	Broadleaf	Late Spring	Purple
			Moderately									Deciduous		
Magnolia x 'Jane'	magnolia, Jane	Low	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Undetermined	Small Tree	No	No	No	Broadleaf Deciduous	Early Spring	Pink
Magnolia x loebneri 'Leonard Messel'	magnolia, Leonard Messel	Low	Moderately Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	No	No	No	Broadleaf	Early Spring	White Purple
			Moderately									Deciduous	Early	
Magnolia x soulangeana	magnolia, saucer	Low	Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	No	No	No	Broadleaf	Summer	White Pink
Malus coronaria	orahannia swaat	Medium	Partially	Upland	Moderately	Sensitive	Undetermined	Small Tree	No	Indiana	No	Deciduous Broadleaf	Early Spring	White
ivialus coronana	crabapple, sweet	Wedium	Tolerant Partially	Opiariu	Sensitive Moderately	Sensilive	Officetermined	Siliali Tree	NO	Illularia	NO	Deciduous	Early Spring	vviille
Malus domestica 'Gala'	apple, Gala	Low	Tolerant	Undetermined	Tolerant	Sensitive	Undetermined	Small Tree	No	No	Yes	Broadleaf	Early Spring	White
Malus domestica 'Golden	apple, Golden		Partially		Moderately							Deciduous		
Delicious'	Delicious	Low	Tolerant	Undetermined	Tolerant	Sensitive	Undetermined	Small Tree	No	No	Yes	Broadleaf Deciduous	Early Spring	White
Malus domestica 'Granny Smith'	apple, Granny Smith	Low	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Undetermined	Small Tree	No	No	Yes	Broadleaf	Early Spring	White
	11 , - ,		Partially		Moderately							Deciduous	, , ,	
Malus domestica 'Honeycrisp'	apple, Honeycrisp	Low	Tolerant	Undetermined	Tolerant	Sensitive	Undetermined	Small Tree	No	No	Yes	Broadleaf	Early Spring	White
Malus domestica 'Macintosh'	apple, Macintosh	Low	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Undetermined	Small Tree	No	No	Yes	Deciduous Broadleaf	Early Spring	White
ivialus domestica iviacintosii	арріе, імасіпіозії	LOW	Partially	Ondetermined	Moderately	Sensitive	Ondetermined	Offiair Tree	INO	NO	163	Deciduous	Larry Spring	vviiite
Malus domestica 'Pink Lady'	apple, Pink Lady	Low	Tolerant	Undetermined	Tolerant	Sensitive	Undetermined	Small Tree	No	No	Yes	Broadleaf	Early Spring	White
Malus domestica 'Red	I- D-d D-li-i	1	Partially	l la datamaia ad	Moderately	0	l lo dotomoio o d	O!! T	NI-	NI-	V	Deciduous	1 -4- 0	D-4
Delicious'	apple, Red Delicious	Low	Tolerant Partially	Undetermined	Tolerant Moderately	Sensitive	Undetermined	Small Tree	No	No	Yes	Broadleaf Deciduous	Late Spring Early	Red
Malus hupehensis 'Cardinal'	crabapple, Cardinal	Medium	Tolerant	Undetermined	Tolerant	Sensitive	Undetermined	Small Tree	No	No	No	Broadleaf	Summer	White
			Partially		Moderately							Deciduous		
Malus ioensis	crabapple, prairie	Medium	Tolerant	Undetermined	Tolerant	Sensitive	Undetermined	Small Tree	No	Indiana	No	Broadleaf	Early Spring	White
Malus sargentii	crabapple, Sargent's	Medium	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Undetermined	Small Tree	No	No	No	Deciduous Broadleaf	Early Spring	White
	crabapple, Tina		Partially		Moderately	55.15.1.15	- Audio Aminod	5				Deciduous	_a, opinig	
Malus sargentii 'Tina'	Sargent	Medium	Tolerant	Undetermined	Tolerant	Sensitive	Undetermined	Small Tree	No	No	No	Broadleaf	Early Spring	Pink
Malus x 'Adams'	crabapple, Adams	Medium	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Moderately Tolerant	Small Tree	No	No	No	Deciduous Broadleaf	Early Carina	White
IVIAIUS X MUAIIIS	orapappie, Adams	IVICUIUIII	Partially	Ondetermined	Moderately	Sensitive	Moderately	Small Hee	INU	NU	NO	Deciduous	Early Spring	VVIIILE
Malus x 'Jeflite'	crabapple, Starlite	Medium	Tolerant	Undetermined	Tolerant	Sensitive	Tolerant	Small Tree	No	No	No	Broadleaf	Early Spring	White
			Partially		Moderately		Moderately					Deciduous		
Malus x 'Lanzam'	crabapple, Lancelot	Medium	Tolerant	Undetermined	Tolerant	Sensitive	Tolerant	Small Tree	No	No	No	Broadleaf	Spring	Pink
Malus x 'Perfect Purple'	crabapple, Perfect Purple	Medium	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Moderately Tolerant	Small Tree	No	No	No	Deciduous Broadleaf	Early Spring	Ped





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		Planting Frequency												
Species Name		Recommendation		al Tolerance				Usage Qua	alities					
Botanical	Common	Diversity Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Native Species	Fruit Grove	Leaf type	Peak Flowering	Flower Color
	crabapple, Red		Partially		Moderately		Moderately					Deciduous		
Malus x 'Red Barron'	Barron	Low	Tolerant	Undetermined	Tolerant	Sensitive	Tolerant	Small Tree	No	No	No	Broadleaf	Early Spring	White
Makes of Bad Jadal	anahanala Bad lada	Ma allows	Partially	l ll - 4il	Moderately	0	Moderately	C	NI-	NI-	NI-	Deciduous	F	\A/I=:4-
Malus x 'Red Jade'	crabapple, Red Jade crabapple, Red	Medium	Tolerant Partially	Undetermined	Tolerant Moderately	Sensitive	Tolerant Moderately	Small Tree	No	No	No	Broadleaf Deciduous	Early Spring	vvriite
Malus x 'Red Jewel'	Jewel	Medium	Tolerant	Undetermined	Tolerant	Sensitive	Tolerant	Small Tree	No	No	No	Broadleaf	Early Spring	Red
			Partially		Moderately		Moderately					Deciduous	, , ,	
Malus x 'Shotizam'	crabapple, Showtime	Medium	Tolerant	Undetermined	Tolerant	Sensitive	Tolerant	Small Tree	No	No	No	Broadleaf	Spring	White
Malus x 'Spring Snow'	crabapple, Spring Snow	Medium	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Moderately Tolerant	Small Tree	No	No	No	Deciduous Broadleaf	Spring	Pink
	crabapple, Sugar		Partially		Moderately	0 ""	Moderately	0 " T				Deciduous		14/1 1
Malus x 'Sutyzam'	Tyme	Medium	Tolerant Partially	Undetermined	Tolerant Moderately	Sensitive	Tolerant Moderately	Small Tree	No	No	No	Broadleaf Deciduous	Late Spring	White
Malus x 'Adirondack'	crabapple, flowering	Medium	Tolerant	Undetermined	Tolerant	Sensitive	Tolerant	Small Tree	No	No	No	Broadleaf	Early Spring	Pink
Malus x adstringens 'Durleo'	crabapple, Gladiator	Medium	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Moderately Tolerant	Small Tree	No	No	No	Deciduous Broadleaf	Spring	Pink
maide x adelinigene Bance	orabappio, Giadiator	Wicarani	Partially	Ondotominod	Moderately	Considere	Moderately	Omail free	110	110	110	Deciduous	Opinig	T IIIX
Malus x 'Coralcole'	crabapple, Coralburst	Medium	Tolerant	Undetermined	Tolerant	Sensitive	Tolerant	Small Tree	No	No	No	Broadleaf	Early Spring	White
Malus x 'Donald Wyman'	crabapple, Donald Wyman	Medium	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Moderately Tolerant	Small Tree	No	No	No	Deciduous Broadleaf	Spring	White
· · · · · · · · · · · · · · · · · · ·	,		Partially		Moderately		Moderately					Deciduous	, ,	
Malus x 'Golden Raindrops'	crabapple, flowering	Medium	Tolerant	Undetermined	Tolerant	Sensitive	Tolerant	Small Tree	No	No	No	Broadleaf	Spring	Pink
Malus x 'JFS KW139MX'	crabapple, Ruby Dayze	Medium	Partially Tolerant	Undetermined	Undetermined	Undetermined	Moderately Tolerant	Small Tree	no	No	No	Deciduous Broadleaf	Spring	Pink
IVIAIUS X SI S IVV ISSIVIA	crabapple, Raspberry	Mediam	Partially	Ondetermined	Ondetermined	Ondetermined	Moderately	Siliali ITEE	TIO .	NO	INO	Deciduous	Spring	FIIIK
Malus x 'JFS KW213MX'	Spear	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Tolerant	Small Tree	no	No	No	Broadleaf	Spring	White
M-1	crabapple, Ivory	Mardines	Partially	l la datamain a d	1.1	I landata maina ad	Moderately	O T	NI-	Ni-	NI-	Deciduous	F to - C	M/I=:4-
Malus x 'JFS KW214MX'	Spear crabapple, Sparkling	Medium	Tolerant Partially	Undetermined	Undetermined	Undetermined	Tolerant Moderately	Small Tree	No	No	No	Broadleaf Deciduous	Early Spring	White
Malus x 'JFS-KW207'	Sprite	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Tolerant	Small Tree	No	No	No	Broadleaf	Spring	White
			Partially		Moderately		Moderately					Deciduous		
Malus x 'Lollizam'	crabapple, Lollipop	Medium	Tolerant	Undetermined	Tolerant	Sensitive	Tolerant	Small Tree	No	No	No	Broadleaf	Spring	Pink
Malus x 'Parsi'	crabapple, Pink Princess	Medium	Partially Tolerant	Undetermined	Undetermined	Undetermined	Moderately Tolerant	Small Tree	No	No	No	Deciduous Broadleaf	Spring	Pink
Widido X T droi	crabapple, Prairie	Wicarani	Partially	Ondotominod	Ondotominou	Ondotominou	Moderately	Oman moo	110	110	110	Deciduous	Opinig	T IIIX
Malus x 'Prairie Rose'	Rose	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Tolerant	Small Tree	No	No	No	Broadleaf	Late Spring	Red
Malua - IDuaisia final		Ma alicena	Partially	l la datamain a d	Moderately	0	Moderately	O II T	NI-	No	NI-	Deciduous	F	D-4
Malus x 'Prairiefire'	crabapple, flowering crabapple, Pruple	Medium	Tolerant Partially	Undetermined	Tolerant Moderately	Sensitive	Tolerant Moderately	Small Tree	No	No	No	Broadleaf Deciduous	Early Spring	Red
Malus x 'Purple Prince'	Prince	Medium	Tolerant	Undetermined	Tolerant	Sensitive	Tolerant	Small Tree	No	No	No	Broadleaf	Sping	Red
,	crabapple, Royal		Partially				Moderately					Deciduous		
Malus x 'Royal Beauty'	Beauty	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Tolerant	Small Tree	No	No	No	Broadleaf	Early Spring	Pink
Malus x 'Royal Raindrops'	crabapple, Royal Raindrops	Medium	Partially Tolerant	Undetermined	Moderately Tolerant	Sensitive	Moderately Tolerant	Small Tree	No	No	No	Deciduous Broadleaf	Late Spring	White
iviaius x 110yai 11airiui 0ps	rtainurops	Mediairi	Partially	Ondetermined	Moderately	Gensiave	Moderately	Siliali ITEE	INO	NO	INO	Deciduous	Non-	VVIIILE
Malus x 'Snowdrift'	crabapple, Snowdrift	Medium	Tolerant	Undetermined	Tolerant	Sensitive	Tolerant	Small Tree	No	No	No	Broadleaf	Flowering	Non-Flowering
			Moderately		Moderately			_				Deciduous	Non-	
Metasequoia glyptostroboides	dawn redwood	Medium	Tolerant	Lowland	Tolerant	Sensitive	Undetermined	Large Tree	Yes	No	No	Conifer	Flowering	Non-Flowering
Metasequoia glyptostroboides	dawn redwood, Gold		Moderately		Moderately							Deciduous		
'Gold Rush'	Rush	Low	Tolerant	Lowland	Tolerant	Sensitive	Undetermined	Large Tree	Yes	No	No	Conifer	Early Spring	Inconspicuous
			Partially		Moderately						.,	Deciduous		
Morus rubra	mulberry, red	Low	Tolerant	Lowland	Tolerant	Sensitive	Undetermined	Large Tree	No	Indiana	Yes	Broadleaf	Early Spring	Inconspicuous
Myrica gale	sweetgale	Low	Partially Tolerant	Lowland	Undetermined	Undetermined	Undetermined	Shrub	No	No	No	Deciduous Broadleaf	Spring	Inconspicuous
												Deciduous		
Myrica pensylvanica	bayberry	High	Intolerant	Upland	Undetermined	Undetermined	Undetermined	Shrub	No	North America	No	Broadleaf	Early Spring	White





		Planting Frequency												
Species Name			Environment	al Tolerance				Usage Qua	lities					
Botanical	Common	Diversity Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Native Species	Fruit Grove	Leaf type	Peak Flowering	Flower Color
	Alabama snow		Partially									Deciduous		
Neviusia alabamensis	wreath	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	North America	No	Broadleaf	Late Spring	Inconspicuous
			Moderately	Lowland/	Moderately							Deciduous		
Nyssa sylvatica	black gum	High	Tolerant	Upland	Sensitive	Moderately Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous
Nyssa sylvatica 'David Odom'	black gum, Afterburner	High	Moderately Tolerant	Lowland/ Upland	Moderately Sensitive	Moderately Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous
Nyssa sylvalica David Odolli	black gum, Green	riigii	Moderately	Lowland/	Moderately	Wioderately Seristive	Ondetermined	Large Tree	163	IIIulalia	INO	Deciduous	Late Spring	iricorispicuous
Nyssa sylvatica 'Green Gable'	Gable	High	Tolerant	Upland	Sensitive	Moderately Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous
-	black gum,		Moderately	Lowland/	Moderately	·						Deciduous		
Nyssa sylvatica 'JFS-Red'	Firestarter	High	Tolerant	Upland	Sensitive	Moderately Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous
Nyssa sylvatica 'Northern	black gum, Northern		Moderately	Lowland/	Moderately			_				Deciduous		
Splendor'	Splendor	High	Tolerant	Upland	Sensitive	Moderately Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous
Number of the State of State o	blook sum Wildfire	Llimb	Moderately	Lowland/ Upland	Moderately	Madaratah Canaitiya	Undetermined	Lorgo Troo	Vac	Indiana	No	Deciduous	Lata Carina	Incononiousus
Nyssa sylvatica 'Wildfire'	black gum, Wildfire	High	Tolerant Partially	Opianu	Sensitive Moderately	Moderately Sensitive	Ondetermined	Large Tree	Yes	IIIulalia	INO	Broadleaf Deciduous	Late Spring Late	Inconspicuous
Ostrya virginiana	hop hornbeam	High	Tolerant	Upland	Tolerant	Sensitive	Sensitive	Large Tree	Yes	Indiana	No	Broadleaf	Summer	White
		· ··g··	Partially	-				gg				Deciduous	Early	
Oxydendrum arboreum	sourwood	Low	Tolerant	Upland	Sensitive	Sensitive	Undetermined	Small Tree	No	Indiana	No	Broadleaf	Summer	White
					Moderately							Deciduous	Non-	
Physocarpus opulifolius	ninebark, common	High	Tolerant	Lowland	Tolerant	Tolerant	Undetermined	Shrub	No	Indiana	No	Broadleaf	Flowering	Non-Flowering
B			<b>-</b>		Moderately							Evergreen	Non-	
Picea abies	spruce, Norway	Low	Tolerant	Upland	Sensitive	Moderately Sensitive	Undetermined	Large Tree	No	No	No	Conifer	Flowering Non-	Non-Flowering
Picea abies 'Cupressina'	spruce, columnar Norway	Low	Intolerant	Upland	Undetermined	Undetermined	Undetermined	Large Tree	No	No	No	Evergreen Conifer	Flowering	Non-Flowering
Ticca abics Cupicssina	TVOIWay	LOW	Intolcrant	Opiaria	Moderately	Ondetermined	Ondetermined	Large Tree	140	140	140	Evergreen	Non-	14011-1 lowering
Picea glauca	spruce, white	Low	Tolerant	Upland	Sensitive	Sensitive	Some Tolerance	Large Tree	No	North America	No	Conifer	Flowering	Non-Flowering
			Partially		Moderately							Evergreen	Non-	
Picea glauca var. densata	spruce, black hills	Low	Tolerant	Upland	Sensitive	Sensitive	Some Tolerance	Large Tree	No	North America	No	Conifer	Flowering	Non-Flowering
	spruce, Colorado				Moderately							Evergreen	Non-	
Picea pungens	blue	Low	Tolerant	Upland	Tolerant	Sensitive	Some Tolerance	Large Tree		North America	No	Conifer	Flowering	Non-Flowering
Picea pungens 'Baby Blue Eyes'	spruce, Baby Blue	Low	Partially Tolerant	Upland	Moderately Sensitive	Sensitive	Some Tolerance	Shrub/Smal Tree	No	North America	No	Evergreen Conifer	Non- Flowering	Non-Flowering
Lyes	Eyes	LOW	Partially	Opiariu	Moderately	Serisitive	Some Tolerance	Shrub/Smal		North America	INO	Evergreen	Non-	Non-Flowering
Picea pungens 'Fat Albert'	spruce, Fat Albert	Low	Tolerant	Upland	Sensitive	Sensitive	Some Tolerance	Tree	No	North America	No	Conifer	Flowering	Non-Flowering
3	,		Partially		Moderately							Evergreen	Non-	3
Picea pungens 'Hoopsii'	spruce, Hoopsii	Low	Tolerant	Upland	Sensitive	Sensitive	Some Tolerance	Large Tree	No	North America	No	Conifer	Flowering	Non-Flowering
					Moderately							Evergreen	Non-	
Pinus banksiana	pine, jack	Low	Intolerant	Lowland	Sensitive	Moderately Sensitive	Tolerant	Large Tree	No	Indiana	No	Conifer	Flowering	Non-Flowering
Dinus niero	nina Austrian	Law	Partially	Undetermined	Toloront	Concitive	Como Toloronos	Lorgo Troo	Vaa	No	No	Evergreen Conifer	Non-	Non Flauratina
Pinus nigra	pine, Austrian	Low	Tolerant Partially	Undetermined	Tolerant	Sensitive	Some Tolerance	Large Tree	Yes	No	No	Evergreen	Flowering Non-	Non-Flowering
Pinus ponderosa	pine, ponderosa	Low	Tolerant	Undetermined	Tolerant	Sensitive	Some Tolerance	Large Tree	Yes	North America	No	Conifer	Flowering	Non-Flowering
	pino, ponaciosa	2011	roioiani	O'lla o'lo'llimio a	7 5.57 4.11	Contours	Como reioraneo		1.00	11011117111101100		Evergreen	Non-	rton r ionoming
Pinus resinosa	pine, red	Low	Intolerant	Upland	Undetermined	Undetermined	Sensitive	Large Tree	No	Indiana	No	Conifer	Flowering	Non-Flowering
			Moderately		Moderately							Evergreen	Non-	, and the second
Pinus strobus	pine, eastern white	Low	Tolerant	Upland	Sensitive	Sensitive	Sensitive	Large Tree	No	Indiana	No	Conifer	Flowering	Non-Flowering
Diamanianian			Partially	l lala a d	Moderately	0	Hadatan 1 1		N-	la diam.	NI-	Evergreen	l -4- C :	
Pinus virginiana	pine, Virginia	Low	Tolerant	Upland	Sensitive	Sensitive	Undetermined	Large Tree	No	Indiana	No	Conifer	Late Spring	Inconspicuous
Platanus occidentalis	sycamore, American	High	Moderately Tolerant	Lowland	Moderately Tolerant	Moderately Tolerant	Some Tolerance	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous
r ratarras occidentaris	ojoumore, American	i ngu	Moderately	LOWIGITO	Moderately	Moderatory Tolerant	Come roleiance	Large 1166	100	maiana	1.0	Deciduous	Late Opining	moonspiouous
Platanus x acerifolia	London planetree	High	Tolerant	Undetermined	Tolerant	Moderately Tolerant	Some Tolerance	Large Tree	Yes	No	No	Broadleaf	Late Spring	Inconspicuous
Platanus x acerifolia	London planetree,	3	Moderately		Moderately	,		<u> </u>				Deciduous		
'Bloodgood'	Bloodgood	High	Tolerant	Undetermined	Tolerant	Moderately Tolerant	Some Tolerance	Large Tree	Yes	No	No	Broadleaf	Late Spring	Inconspicuous
Platanus x acerifolia 'Morton	London planetree,		Moderately		Moderately							Deciduous		
Euclid'	Ovation	High	Tolerant	Undetermined	Tolerant	Moderately Tolerant	Some Tolerance	Large Tree	Yes	No	No	Broadleaf	Late Spring	Inconspicuous





		Planting Frequency													
			Environmental Tolerance					Usage Qualities							
		Diversity								Native	Fruit		Peak		
Botanical	Common	Considerations	Shade	Native Habitat		Waterlogging	Salt Tolerant	Size	Street Tree	Species	Grove	Leaf type	Flowering	Flower Color	
Platanus x acerifolia 'Morton	London planetree,	110-1-	Moderately	l la datamaia a d	Moderately	Madantah Talanah	C T-I	T	V	NI-	NI-	Deciduous	Et Oi		
Circle'	Exclamation	High	Tolerant	Undetermined	Tolerant	Moderately Tolerant	Some Tolerance	Large Tree	Yes	No	No	Broadleaf	Early Spring	Inconspicuous	
Populus balsamifera	poplar, balsam	Low	Partially Tolerant	Lowland	Moderately Tolerant	Moderately Tolerant	Undetermined	Large Tree	No	Indiana	No	Deciduous Broadleaf	Early Spring	Inconspicuous	
T Opulus balsarmicia	роріаг, разватт	LOW	Partially	Lowiand	Moderately	Woderatery Tolerant	Oridetermined	Large Tree	140	Indiana	140	Deciduous	Larry Opring	inconspicadas	
Populus deltoides	cottonwood, eastern	Medium	Tolerant	Lowland	Tolerant	Moderately Tolerant	Some Tolerance	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Inconspicuous	
	,							<u> </u>				Deciduous	, , ,	'	
Populus grandidentata	aspen, bigtooth	Low	Intolerant	Upland	Undetermined	Undetermined	Undetermined	Large Tree	No	Indiana	No	Broadleaf	Late Winter	Inconspicuous	
			Partially		Moderately							Deciduous			
Populus tremuloides	aspen, quaking	Low	Tolerant	Upland	Sensitive	Moderately Sensitive	Some Tolerance	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Inconspicuous	
Populus tremuloides 'JFS-	aspen, Mountain	-	Partially									Deciduous			
Column'	Sentinel	Low	Tolerant	Upland	Undetermined	Undetermined	Undetermined	Large Tree	No	Indiana	No	Broadleaf	Early Spring	White	
Drumus amariaana	nlum American	Madium	Partially	Unland	Moderately Sensitive	Concitive	Undetermined	Cmall Tree	Vac	Indiana	Vac	Deciduous	Carly Caring	Mhita	
Prunus americana	plum, American	Medium	Tolerant	Upland	Sensitive	Sensitive	Undetermined	Small Tree	Yes	indiana	Yes	Broadleaf	Early Spring	vvnite	
Prunus armeniaca 'Moorpark'	apricot, Moorpark	Low	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	No	No	Yes	Deciduous Broadleaf	Early Spring	White	
Trunus anneniaca wioorpark	apricot, Moorpark	LOW	Partially	Oridetermined	Officetermined	Ondetermined	Ondetermined	Offiair Tree	NO	NO	163	Deciduous	Larry Spring	vviille	
Prunus armeniaca 'Tilton'	apricot, Tilton	Low	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	No	No	Yes	Broadleaf	Early Spring	Pink	
	plum, Newport											Deciduous			
Prunus cerasifera	flowering	Low	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	Yes	No	Yes	Broadleaf	Early Spring	Pink	
												Deciduous			
Prunus cerasifera 'Cripoizam'	plum, Crimson Pointe	Low	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	Yes	No	No	Broadleaf	Early Spring	Pink	
Prunus cerasifera	plum, Thundercloud											Deciduous			
'Thundercloud'	purple leaf	Low	Intolerant	Undetermined	Tolerant	Sensitive	Undetermined	Small Tree	Yes	No	No	Broadleaf	Early Spring	White	
			Partially								.,	Deciduous			
Prunus domestica 'Stanley'	plum, Stanley	Low	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	No	No	Yes	Broadleaf	Early Spring	White	
Prunus hotulana	nlum gooo	Law	Partially Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	Yes	Indiana	No	Deciduous Broadleaf	Carly Caring	White	
Fruitus Hotularia	plum, goose	Low	Partially	Ondetermined	Ondetermined	Ondetermined	Ondetermined	Siliali Tree	res	IIIulalia	INO	Deciduous	Early Spring	vviile	
Prunus incisa 'Little Twist'	cherry, Little Twist	Low	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	Yes	No	No	Broadleaf	Early Spring	White	
Tunde molecu Entire Twice	onony, Endo Twiot	LOW	Partially	Ondotominou	Ondotominod	Ondotominod	Ondotominod	Omaii moo	100	110	110	Deciduous	Luny Opinig	Willia	
Prunus insititia	plum, Damson	Low	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	No	No	Yes	Broadleaf	Spring	Inconspicuous	
	,					-						Deciduous	1 3		
Prunus maritima	plum, beach	Low	Intolerant	Undetermined	Undetermined	Undetermined	Tolerant	Shrub	No	North America	No	Broadleaf	Spring	Inconspicuous	
			Partially									Deciduous			
Prunus pensylvanica	cherry, pin	Low	Tolerant	Undetermined	Tolerant	Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	White	
												Deciduous			
Prunus persica 'Contender'	peach, Contender	Low	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	No	No	Yes	Broadleaf	Early Spring	White	
Burney and a line of	and Deliner	1	latala and	l la datamaia a d	I los el seto consider a el	I los el seto escrito o el	l la data assisa a d	C!! T	NI-	NI-	V	Deciduous	Et Oi	\A/I-:4-	
Prunus persica 'Reliance'	peach, Reliance	Low	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	No	No	Yes	Broadleaf	Early Spring	White	
Prunus pumila	cherry, eastern sand	Low	Partially Tolerant	Undetermined	Moderately Sensitive	Sensitive	Undetermined	Small Tree	No	Indiana	No	Deciduous Broadleaf	Late Spring	White	
Trunus punnia	cherry, castern sand	LOW	Partially	Lowland/	Moderately	Sensitive	Officeterfillited	Offiair Tree	NO	IIIulalia	INO	Deciduous	Late Spring	vviille	
Prunus serotina	cherry, black	Low	Tolerant	Upland	Sensitive	Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Pink	
Prunus subhirtella 'Pendula	cherry, Double Pink	2011	Partially	Opiana	Moderately	Contoure	O THE OTHER PROPERTY.	Laige iie	. 55	Transition 1		Deciduous	Zany opinig		
Plena Rosea'	Weeping Higan	Low	Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	No	No	No	Broadleaf	Late Spring	Pink	
	1 0 0		Partially		Moderately							Deciduous	, ,		
Prunus virginiana	chokecherry	Low	Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	No	Indiana	No	Broadleaf	Early Spring	White	
Prunus virginiana 'Canada	chokecherry, Canada		Partially		Moderately							Deciduous			
Red'	Red	Low	Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	No	Indiana	No	Broadleaf	Late Spring	White	
Prunus virginiana 'Sucker	chokecherry, Sucker	1.	Partially	l		I				1	l	Deciduous			
Punch'	Punch	Low	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	Yes	Indiana	No	Broadleaf	Early Spring	Pink	
Prunuo y 'Acceleda'	oborny Accolodo	Low	Partially	I Indotormina d	Undotorminad	Undetermined	Undetermined	Small Tra	Voc	No	No	Deciduous	Lata Caria	\M/hito	
Prunus x 'Accolade'	cherry, Accolade	Low	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	Yes	No	No	Broadleaf	Late Spring	White	
Prunus x cistena	cherry, purple leaf sand	Low	Partially Tolerant	Undetermined	Moderately Sensitive	Sensitive	Undetermined	Small Tree	Yes	No	No	Deciduous Broadleaf	Late Spring	White	
I UIIUS A CISICIIA	Juliu	LOW	i Olei al Il	ondetermined	CELISITIVE	CELISITIVE	Officer	Jiliaii Tiee	169	140	INO	Divadical	Late Spiling	AAIIIC	



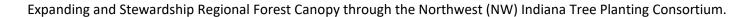


Species Name		Planting Frequency Recommendation	y Environmental Tolerance						Usage Qualities							
Botanical	Common	Diversity Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Native Species	Fruit Grove	Leaf type	Peak Flowering	Flower Color		
Dotamoui	cherry, Pink Snow	Sonsiderations	Partially	rative Habitat	Brought	Waterlogging	Sait Foldrant	O.EC	Olifott 1100	Орослов	0.000	Deciduous	rioworing	riower doior		
Prunus x 'Pisnshzam'	Showers	Low	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	No	No	No	Broadleaf	Late Spring	White		
D	cherry, Snow	i	Partially		Moderately	0 ""		0 " T				Deciduous		D: 1		
Prunus x 'Snofozam'	Fountains Weeping	Low	Tolerant Partially	Undetermined	Sensitive Moderately	Sensitive	Undetermined	Small Tree	Yes	No	No	Broadleaf Deciduous	Early Spring	Pink		
Prunus x yedoensis	cherry, Yoshino	Low	Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	Yes	No	No	Broadleaf	Late Spring	White Pink		
·												Deciduous	, ,			
Ptelea trifoliata	hoptree (wafer ash)	High	Tolerant	Upland	Tolerant	Sensitive	Undetermined	Small Tree	No	Indiana	No	Broadleaf	Early Spring	Pink		
Pyrus communis 'Comice'	pear, Comice	Low	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	No	No	Yes	Deciduous Broadleaf	Early Spring	White		
, yrac commanic comico	pour, comiso	25.1	to.o.a.n	Ondoton mica	On actorning a	Cildotoiiiiiiod	on a storming a	0		110		Deciduous	Lany opining	· · · · · · ·		
Pyrus communis 'Moonglow'	pear, Moonglow	Low	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	No	No	Yes	Broadleaf	Early Spring	White Pink		
0		NA - dis	Partially	Lowland/	T-14	Madantak Ossaiti	l lord at a maior and		V	la dia a	NI-	Deciduous	Late	One eniele Mileite		
Quercus alba	oak, white	Medium	Tolerant Partially	Upland	Tolerant	Moderately Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf Deciduous	Summer	Greenish White		
Quercus bicolor	oak, swamp white	High	Tolerant	Lowland	Tolerant	Moderately Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous		
Quercus bicolor 'Bonnie and			Partially									Deciduous				
Mike'	oak, Beacon	Low	Tolerant	Lowland	Undetermined	Undetermined	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous		
Quercus bicolor 'JFS-KW12'	oak, American Dream	Low	Partially Tolerant	Lowland	Undetermined	Undetermined	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous		
<u> </u>	D. Call	25.1	Partially	Zomana	On actorning a	Cildotoiiiiiiod	Ciladianinia	Large 1100		ii i di di i d		Deciduous	Lute opining	episaeae		
Quercus lyrata	oak, overcup	High	Tolerant	Lowland	Sensitive	Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous		
Ouerous meeroesma	oak. bur	Lliab	Partially	Unland	Tolerant	Sensitive	Undetermined	Lorgo Troo	Vaa	Indiana	No	Deciduous Broadleaf	Forty Spring	Incononiariorio		
Quercus macrocarpa	oak, bur	High	Tolerant Partially	Upland	roierant	Sensitive	Undetermined	Large Tree	Yes	indiana	NO	Deciduous	Early Spring	Inconspicuous		
Quercus michauxii	oak, swamp chestnut	High	Tolerant	Lowland	Sensitive	Tolerant	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous		
			Partially									Deciduous				
Quercus muehlenbergii	oak, chinkapin	High	Tolerant	Upland	Tolerant	Moderately Tolerant	Undetermined	Large Tree		Indiana	No	Broadleaf	Late Spring	Inconspicuous		
Quercus prinoides	oak, dwarf chinkapin	Low	Tolerant	Upland	Tolerant	Sensitive	Undetermined	Shrub/Smal Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous		
Quorodo princiaco	oun, awari oriintapiir	LOW	Partially	Opiaria	Tolorant	CONSILIVO	Oridotorrimiod	1100	100	indiana	140	Deciduous	Lute opinig	moonopicada		
Quercus prinus (montana)	oak, chestnut	Medium	Tolerant	Upland	Tolerant	Moderately Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf	Late Spring	Inconspicuous		
Ouerous rebur /Fostigiste/	oak, Pyramidal	Low	Partially	Undetermined	Moderately	Madaratah Canaitiya	Cama Talaranaa	Lorgo Troo	Vaa	No	No	Deciduous	Lata Carina	Incononiariorio		
Quercus robur 'Fastigiata'	English	Low	Tolerant Partially	Undetermined	Sensitive Moderately	Moderately Sensitive	Some Tolerance	Large Tree	Yes	No	No	Broadleaf Deciduous	Late Spring	Inconspicuous		
Quercus robur x alba	oak, Crimson Spire	Low	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Some Tolerance	Large Tree	Yes	No	No	Broadleaf	Late Spring	Inconspicuous		
Quercus robur x bicolor			Partially		Moderately	·						Deciduous	, ,			
'Nadler'	oak, Kindred Spirit	Low	Tolerant	Undetermined	Sensitive	Moderately Sensitive	Some Tolerance	Large Tree	Yes	No	No	Broadleaf	Late Spring	Inconspicuous		
Quercus stellata	oak, post	Medium	Partially Tolerant	Upland	Tolerant	Moderately Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Late Spring	Inconspicuous		
Quercus x macdanielii	oun, poor	Wicdiani	Partially	Opiaria	Tolorani	Wilderatory Conditive	Cridotorrilliou	Large 1100	100	indiana	110	Deciduous	Lute opinig	moonopicada		
'Clemons'	oak, Heritage	Low	Tolerant	Undetermined	Tolerant	Sensitive	Undetermined	Large Tree	Yes	No	No	Broadleaf	Late Spring	Inconspicuous		
Ougraus v sobrette:	ook Sobuettele	Low	Partially	I Indotormina -	Undotorminad	Undotormined	Undotorminad	Lorge Tre-	Voc	Indiana	No	Deciduous	Lata Carin-	Incononieureur		
Quercus x schuettei	oak, Schuette's	Low	Tolerant Partially	Undetermined	Undetermined	Undetermined	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf Deciduous	Late Spring	Inconspicuous		
Quercus x warei 'Long'	oak, Regal Prince	Medium	Tolerant	Undetermined	Tolerant	Moderately Tolerant	Undetermined	Large Tree	Yes	No	No	Broadleaf	Late Spring	Inconspicuous		
			Partially	Lowland/								Deciduous				
Rhus aromatica	sumac, fragrant	High	Tolerant	Upland	Tolerant	Sensitive	Undetermined	Shrub	No	Indiana	No	Broadleaf	Late Spring	Inconspicuous		
Rhus copallinum	sumac, shining	Medium	Intolerant	Upland	Tolerant	Sensitive	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Early Spring	Yellow		
. ,			Partially	-								Deciduous				
Rhus glabra	sumac, smooth	Medium	Tolerant	Upland	Tolerant	Sensitive	Undetermined	Small Tree	No	Indiana	No	Broadleaf	Summer	Yellow		
Phus typhins	sumas stagbors	Modium	Intolorant	Unland	Moderately	Consitivo	Undetermined	Small Tree	No	Indiana	No	Deciduous	Early	Croonigh Valley		
Rhus typhina	sumac, staghorn currant, American	Medium	Intolerant Moderately	Upland	Tolerant	Sensitive	Undetermined	Small Tree	No	Indiana	No	Broadleaf Deciduous	Summer Early	Greenish Yellow		
Ribes americanum	black	Medium	Tolerant	Undetermined	Sensitive	Tolerant	Undetermined	Shrub	No	Indiana	Yes	Broadleaf	Summer	Greenish Yellow		





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		Planting Frequency												
Species Name		Recommendation	Environment	al Tolerance				Usage Qua	lities	N. e.	l=			
Botanical	Common	Diversity Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Native Species	Fruit Grove	Leaf type	Peak Flowering	Flower Color
Ribes aureum	currant, golden	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	North America	Yes	Deciduous Broadleaf	Late Spring	White
Ribes missouriense	gooseberry, wild	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	Yes	Deciduous Broadleaf	Spring	Yellow
Rosa blanda	rose, early wild	Medium	Partially Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Spring	White
Rosa carolina	rose, pasture	Medium	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Early Summer	Pink
Rosa palustris	rose, swamp	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf Deciduous	Early Summer Early	Pink
Rosa setigera	rose, Illinois	Medium	Intolerant Partially	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Broadleaf  Deciduous	Summer	Pink
Rosa woodsii	rose, wood's	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	North America	No	Broadleaf Deciduous	Summer	Pink
Rubus occidentalis	raspberry, black raspberry, purple	Medium	Tolerant Partially	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Broadleaf Deciduous	Late Spring	Pink
Rubus odoratus	flowering	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Broadleaf Deciduous	Summer Early	White
Salix alba	willow, white	Low	Intolerant	Lowland	Sensitive	Tolerant	Undetermined	Large Tree	No	No	No	Broadleaf Deciduous	Summer	Purple
Salix alba 'Tristis'	Weeping	Low	Intolerant	Lowland	Sensitive	Tolerant	Undetermined	Large Tree	No	No	No	Broadleaf Deciduous	Late Spring	Inconspicuous
Salix amygdaloides	willow, peachleaf	Medium	Intolerant	Lowland	Sensitive	Tolerant	Undetermined	Large Tree	No	Indiana	No	Broadleaf Deciduous	Late Spring Early	Inconspicuous
Salix bebbiana	willow, Bebb's	Medium	Intolerant	Lowland	Sensitive	Tolerant	Undetermined	Large Tree	No	North America	No	Broadleaf Deciduous	Summer	Inconspicuous
Salix cordata	willow, dune	Medium	Intolerant	Lowland	Undetermined	Undetermined	Undetermined	Shrub Shrub/Smal	No	Indiana	No	Broadleaf Deciduous	Late Spring	Inconspicuous
Salix discolor	willow, pussy	Medium	Intolerant	Lowland	Sensitive	Tolerant	Undetermined	Tree	No	Indiana	No	Broadleaf Deciduous	Late Spring	Inconspicuous
Salix humilis	willow, prairie	Medium	Intolerant	Lowland	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Broadleaf Deciduous	Early Spring	Inconspicuous
Salix interior	willow, sandbar	Medium	Intolerant	Lowland	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Broadleaf Deciduous	Spring	Inconspicuous
Salix myricoides	willow, blueleaf	Medium	Intolerant	Lowland	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Broadleaf Deciduous	Spring	Inconspicuous
Salix nigra	willow, black	Medium	Intolerant	Lowland	Sensitive	Tolerant	Undetermined	Large Tree Shrub/Smal		Indiana	No	Broadleaf Deciduous	Sping	Inconspicuous
Salix petiolaris	willow, meadow	Medium	Intolerant	Lowland	Undetermined	Undetermined	Undetermined	Tree	No	Indiana	No	Broadleaf Deciduous	Early Spring	Inconspicuous
Salix sericea	willow, silky	Medium	Intolerant	Lowland	Sensitive	Tolerant	Undetermined	Large Tree	No	Indiana	No	Broadleaf Deciduous	Spring	Inconspicuous
Salix serissima	willow, autumn	Medium	Intolerant Partially	Lowland	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Broadleaf Deciduous	Late Spring	Inconspicuous
Sambucus canadensis	elderberry	High	Tolerant Moderately	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	Yes	Broadleaf Deciduous	Spring Late	Inconspicuous
Sambucus racemosa	elderberry, red	Medium	Tolerant Moderately	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	Yes	Broadleaf Deciduous	Summer	White
Sassafras albidum	sassafras mountain-ash,	Low	Tolerant Partially	Upland	Tolerant Moderately	Moderately Sensitive	Undetermined	Large Tree	Yes	Indiana	No	Broadleaf Deciduous	Summer	Red
Sorbus americana	American	Low	Tolerant Partially	Upland	Sensitive Moderately	Sensitive	Undetermined	Small Tree	No	North America	No	Broadleaf Deciduous	Late Spring	Greenish Yellow
Sorbus decora	mountain-ash, showy	Low	Tolerant Partially	Undetermined	Sensitive	Sensitive	Undetermined	Small Tree	No	Indiana	No	Broadleaf Deciduous	Late Spring	White
Spiraea alba	meadowsweet	High	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Broadleaf	Late Spring	White





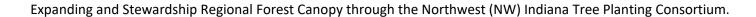


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Species Name		Planting Frequency Recommendation	Environment	al Tolerance				Usage Qualities								
- Сросия папа		Diversity						Jongs Qua		Native	Fruit		Peak			
Botanical	Common	Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Species	Grove	Leaf type	Flowering	Flower Color		
Spiraea tomentosa	steeplebush	High	Partially Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Deciduous Broadleaf	Summer	White		
Opirada tomonidad	осоорюжин	riigii	Tolorant	Crideterrinied	Ondetermined	Ondotominod	Ondotominod	Official	110	Indiana	110	Deciduous	Late	VVIII.O		
Staphylea trifolia	bladdernut	High	Tolerant	Lowland	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Broadleaf	Summer	Pink		
Styrax americanus	snowbell	Low	Moderately Tolerant	Lowland	Undetermined	Undetermined	Undetermined	Small Tree	No	Indiana	No	Deciduous Broadleaf	Spring	White		
Styrax japonicus 'Snowcone'	snowbell, Snowcone Japanese	Low	Partially Tolerant	Undetermined	Moderately Sensitive	Moderately Sensitive	Undetermined	Small Tree	No	No	No	Deciduous Broadleaf	Spring	White		
etyrax japonioae enemeene	Саралосс		Partially			,						Deciduous	Early			
Symphoricarpos albus	common snowberry	High	Tolerant Partially	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Broadleaf Deciduous	Summer	White		
Symphoricarpos orbiculatus	coralberry	High	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	Indiana	No	Broadleaf	Early Summer	Pink		
0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	E 5 (1)							01 1				Deciduous				
Syringa meyeri 'Palibin'	lilac, Dwarf Korean	Low	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	No	No	Broadleaf Deciduous	Late Spring	Inconspicuous		
Syringa pekinensis 'Morton'	lilac, China Snow	Low	Intolerant	Undetermined	Tolerant	Moderately Sensitive	Undetermined	Small Tree	Yes	No	No	Broadleaf	Late Spring	Pink		
Syringa pubescens subs. Patula 'Miss Kim'	lilac, Miss Kim	Low	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	No	No	Deciduous Broadleaf	Early Summer	White Yellow		
Tatula Wilss Killi	illac, IVIISS KIITI	LOW	IIIOICIAIIL	Ondetermined	Ondetermined	Ondetermined	Ondetermined	Siliub	140	NO	140	Deciduous	Summer	Willite Lellow		
Syringa reticulata	lilac, Japanese tree	Low	Intolerant	Undetermined	Tolerant	Moderately Sensitive	Undetermined	Small Tree	Yes	No	No	Broadleaf	Late Spring	Lavender Blue		
Syringa reticulata 'Bailnce'	lilac, Snowdance Japanese tree	Low	Intolerant	Undetermined	Tolerant	Moderately Sensitive	Undetermined	Small Tree	Yes	No	No	Deciduous Broadleaf	Early Summer	White		
	lilac, Ivory Silk					,						Deciduous	Early			
Syringa reticulata 'Ivory Silk'	Japanese tree	Low	Intolerant Partially	Undetermined	Tolerant Moderately	Moderately Sensitive	Undetermined	Small Tree Shrub/Small	Yes	No	No	Broadleaf Deciduous	Summer	White		
Syringa vulgaris	lilac, common	Low	Tolerant	Undetermined	Tolerant	Sensitive	Undetermined	Tree	No	No	No	Broadleaf	Summer	White		
Taxodium distichum	bald cypress,	High	Partially	Lowland	Moderately	Tolerant	Some Tolerance	Lorgo Troo	Vaa	Indiana	No	Deciduous Conifer	Early Summer	Violet		
Taxodium distichum	common bald cypress,	підп	Tolerant Partially	Lowiand	Sensitive Moderately	Tolerani	Some Tolerance	Large Tree	Yes	indiana	INO	Deciduous	Non-	violet		
'Mickelson'	Shawnee Brave	High	Tolerant	Lowland	Sensitive	Tolerant	Some Tolerance	Large Tree	Yes	Indiana	No	Conifer	Flowering	Non-Flowering		
Taxus cuspidata 'Adams'	yew, Adam's	Low	Moderately Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	No	No	Evergreen Conifer	Non- Flowering	Non-Flowering		
rando daspradia ridarro	yew, Adams	2011	Moderately	Cinactorimica	-	- Criadionimisa		Shrub/Small			1,10	Evergreen	Non-	. ten i lettering		
Taxus cuspidata 'Adams'	Japanese	Low	Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Tree	No	No	No	Conifer	Flowering Non-	Non-Flowering		
Taxus cuspidata 'Capitata'	yew, Japanese	Low	Moderately Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	No	No	Evergreen Conifer	Flowering	Non-Flowering		
T			<b>.</b>		0 "	0 "		Shrub/Small				Evergreen	Non-			
Taxus cuspidata 'Capitata'	yew, Japanese	Low	Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Tree	No	No	No	Conifer Evergreen	Flowering Non-	Non-Flowering		
Taxus x media 'Brownii'	yew, Brown's	Low	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	No	No	Conifer	Flowering	Non-Flowering		
Taxus x media 'Densiformis'	yew, Densiformis	Low	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	No	No	Evergreen Conifer	Non- Flowering	Non-Flowering		
Taxao x modia Denonomio	yow, Bonomonnio	Low	Tolorant	Chacterninea	Grideterriiried	Ondotominod	Ondotominod	Official	110	110	110	Evergreen	Non-	14011 Flowering		
Taxus x media 'Fairview'	yew, Fairview	Low	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	No	No	Conifer	Flowering	Non-Flowering		
Taxus x media 'Hicksii'	yew, Hicks	Low	Tolerant	Undetermined	Sensitive	Sensitive	Undetermined	Shrub/Small Tree	No	No	No	Evergreen Conifer	Non- Flowering	Non-Flowering		
												Evergreen	Non-			
Taxus x media 'Hicksii'	yew, Hicks	Low	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	No	No	Conifer Evergreen	Flowering Non-	Non-Flowering		
Taxus x media 'Wardii'	yew, Ward's	Low	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Shrub	No	No	No	Conifer	Flowering	Non-Flowering		
Thuja occidentalis	arborvitae	Medium	Tolerant	Lowland/ Upland	Moderately Tolerant	Moderately Sensitive	Undetermined	Large Tree	No	Indiana	No	Evergreen Conifer	Non- Flowering	Non-Flowering		
aja oodiaamana	arborvitae, Technito	saidiii	. Siorant	Lowland/	Moderately	odoratory ocholive	S.Idotorrilliou	_argo rice		uiuiiu	110	Evergreen	Non-			
Thuja occidentalis 'Bailjohn'	First Editions	Medium	Tolerant	Upland	Tolerant	Moderately Sensitive	Undetermined	Small Tree	No	Indiana	No	Conifer	Flowering	Non-Flowering		
Thuja occidentalis 'Brabant'	arborvitae, Brabant	Medium	Tolerant	Lowland/ Upland	Moderately Tolerant	Moderately Sensitive	Undetermined	Small Tree	No	Indiana	No	Evergreen Conifer	Non- Flowering	Non-Flowering		





														and and
Species Name		Planting Frequency Recommendation	Environment	al Tolerance			Usage Qua	lities						
Botanical	Common	Diversity	Shade		Drawaht	Motorlowsins	Calt Talavant	Size		Native	Fruit Grove	Looften	Peak	Flower Color
Thuja occidentalis 'Degroot's	aborvitae, Degroot's	Considerations	Snade	Native Habitat	Moderately	Waterlogging	Salt Tolerant	Size	Street Tree	Species	Grove	Leaf type Evergreen	Flowering Non-	Flower Color
Spire'	Spire Spire	Medium	Tolerant	Upland	Tolerant	Moderately Sensitive	Undetermined	Small Tree	No	Indiana	No	Conifer	Flowering	Non-Flowering
Thuja occidentalis	arborvitae,			Lowland/	Moderately	•						Evergreen	Non-	
'Elegantissima'	Elegantissima	Medium	Tolerant	Upland	Tolerant	Moderately Sensitive	Undetermined	Small Tree	No	Indiana	No	Conifer	Flowering	Non-Flowering
Thuja occidentalis 'Fairview'	arborvitae, Fairview	Medium	Tolerant	Lowland/ Upland	Moderately Tolerant	Moderately Sensitive	Undetermined	Small Tree	No	Indiana	No	Evergreen Conifer	Non- Flowering	Non-Flowering
Thuja occidentalis 'Hetz	aborvitae, Hetz	Medium	Tolerani	Lowland/	Moderately	Widderately Serisitive	Officetermined	Siliali free	INO	Illularia	INO	Evergreen	Non-	Non-Flowering
Wintergreen'	Wintergreen	Medium	Tolerant	Upland	Tolerant	Moderately Sensitive	Undetermined	Small Tree	No	Indiana	No	Conifer	Flowering	Non-Flowering
				Lowland/	Moderately							Evergreen	Non-	
Thuja occidentalis 'Holmstrup'	aborvitae, Holmstrop	Medium	Tolerant	Upland	Tolerant	Moderately Sensitive	Undetermined	Small Tree	No	Indiana	No	Conifer	Flowering	Non-Flowering
Thuis assidentalis (Niera)	arborvitae, Dark Green	Medium	Tolerant	Lowland/	Moderately	Madaratah Canaitiya	Undetermined	Small Tree	No	Indiana	No	Evergreen	Non-	Non Flourating
Thuja occidentalis 'Nigra'	Green	Medium	Tolerani	Upland Lowland/	Tolerant Moderately	Moderately Sensitive	Undetermined	Small free	INO	mulana	No	Conifer Evergreen	Flowering Non-	Non-Flowering
Thuja occidentalis 'Pyramidal'	arborvitae, Pyramidal	Medium	Tolerant	Upland	Tolerant	Moderately Sensitive	Undetermined	Small Tree	No	Indiana	No	Conifer	Flowering	Non-Flowering
	arborvitae, Emerald			Lowland/	Moderately	,						Evergreen	Non-	3
Thuja occidentalis 'Smaragd'	Green	Medium	Tolerant	Upland	Tolerant	Moderately Sensitive	Undetermined	Small Tree	No	Indiana	No	Conifer	Flowering	Non-Flowering
				Lowland/	Moderately					l		Evergreen	Non-	
Thuja occidentalis 'Techny'	arborvitae, Techny	Medium	Tolerant	Upland	Tolerant	Moderately Sensitive	Undetermined	Small Tree	No	Indiana	No	Conifer	Flowering	Non-Flowering
Thuja standishii x plicata 'Green Giant'	arborvitae, Green Giant	Medium	Partially Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Large Tree	No	No	No	Evergreen Conifer	Non- Flowering	Non-Flowering
0.000	aborvitae.		Partially	Gridotorrimiod	On actonimica	O i i do i di i i i i i i i i i i i i i i	- Criacionimica	Laige 1100			1,10	Evergreen	Non-	rten r letrening
Thuja x 'Steeplechase'	Steeplechase	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Small Tree	No	No	No	Conifer	Flowering	Non-Flowering
					Moderately							Deciduous	Non-	
Tilia americana	basswood	High	Tolerant	Upland	Sensitive	Sensitive	Sensitive	Large Tree	Yes	Indiana	No	Broadleaf	Flowering	Non-Flowering
Tilia americana 'McKSentry'	linden, American Sentry	High	Tolerant	Upland	Moderately Sensitive	Sensitive	Sensitive	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Summer	Yellow
Tilla arriericaria WickSerili y	Geriu y	riigii	Tolerani	Opianu	Moderately	Sensitive	Sensitive	Large Tree	163	IIIulaila	INO	Deciduous	Early	Tellow
Tilia cordata 'Greenspire'	linden, Greenspire	Medium	Tolerant	Undetermined	Sensitive	Sensitive	Sensitive	Large Tree	Yes	No	No	Broadleaf	Summer	Yellow
	linden, Summer				Moderately							Deciduous	Early	
Tilia cordata 'Halka'	Sprite	Medium	Intolerant	Undetermined	Sensitive	Moderately Sensitive	Sensitive	Small Tree	Yes	No	No	Broadleaf	Summer	Yellow
Tilia aardata (Olympia)	lindan Ohmania	Madium	Toloront	Lindatamainad	Moderately	Consitius	Consitive	Large Tree	Vac	No	No	Deciduous	Early	Valley
Tilia cordata 'Olympic'	linden, Olympic	Medium	Tolerant	Undetermined	Sensitive	Sensitive	Sensitive	Large Tree	Yes	No	No	Broadleaf Deciduous	Summer	Yellow
Tilia flavescens 'Glenleven'	linden, Glenleven	Medium	Intolerant	Undetermined	Undetermined	Undetermined	Undetermined	Large Tree	Yes	No	No	Broadleaf	Summer	Yellow
	, -		Moderately		Moderately			3				Deciduous	Late	
Tilia tomentosa	linden, silver	High	Tolerant	Undetermined	Tolerant	Sensitive	Undetermined	Large Tree	Yes	No	No	Broadleaf	Summer	Yellow
			Moderately						.,			Deciduous	Late	
Tilia tomentosa 'Silver Lining'	linden, Silver Lining	High	Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Large Tree	Yes	No	No	Broadleaf	Summer	Yellow
Tilia tomentosa 'Sterling'	linden, Sterling	High	Moderately Tolerant	Undetermined	Undetermined	Undetermined	Undetermined	Large Tree	Yes	No	No	Deciduous Broadleaf	Summer	Yellow
· ····a to····coa cto······g	middin, otoming	g	T G G G G G G	Gridotorrimiod	Moderately	O i i do i di i i i i i i i i i i i i i i	- Criacionimica	Laige 1100	1.00		1,10	Deciduous	Late	
Tilia x 'Redmond'	linden, Redmond	High	Tolerant	Undetermined	Sensitive	Sensitive	Sensitive	Large Tree	Yes	No	No	Broadleaf	Summer	Yellow
			Partially		Moderately		Moderately					Deciduous	Early	
Ulmus americana	elm, American	Low	Tolerant	Lowland	Tolerant	Moderately Sensitive		Large Tree	Yes	Indiana	No	Broadleaf	Summer	Yellow
Ulmus americana 'Jefferson'	elm. Jefferson	Low	Partially Tolerant	Lowland	Moderately Tolerant	Moderately Tolerant	Moderately Tolerant	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Spring	Inconspicuous
Ulmus americana 'New	eiiii, Jeileisoii	LOW	Partially	Lowiand	Moderately	Widderately Tolerant	Moderately	Large Tree	163	Illularia	INO	Deciduous	Larry Spring	iricorispicuous
Harmony'	elm, New Harmony	Low	Tolerant	Lowland	Tolerant	Moderately Tolerant	Tolerant	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Inconspicuous
Ulmus americana			Partially		Moderately	·	Moderately					Deciduous		
'Homestead'	elm, Homestead	Low	Tolerant	Lowland	Tolerant	Moderately Tolerant	Tolerant	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Inconspicuous
Ulmus americana 'Prairie	elm, Prairie	Low	Partially	l oudon-	Moderately	MadaratalisTilii	Moderately	Lorge Ter	Vaa	Indias -	No	Deciduous	Forty O	Incomeni
Expedition'	Expedition	Low	Tolerant Partially	Lowland	Tolerant Moderately	Moderately Tolerant	Tolerant Moderately	Large Tree	Yes	Indiana	No	Broadleaf Deciduous	carry Spring	Inconspicuous
Ulmus americana 'Princeton'	elm, Princeton	Low	Tolerant	Lowland	Tolerant	Moderately Tolerant	Tolerant	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Inconspicuous
Ulmus americana 'Valley			Partially		Moderately	,	Moderately	J				Deciduous	, ,9	
Forge'	elm, Valley Forge	Low	Tolerant	Lowland	Tolerant	Moderately Tolerant	Tolerant	Large Tree	Yes	Indiana	No	Broadleaf	Early Spring	Inconspicuous







		Planting Frequency												
Species Name		Recommendation	Environment	al Tolerance				Usage Qua	lities					
Botanical	Common	Diversity Considerations	Shade	Native Habitat	Drought	Waterlogging	Salt Tolerant	Size	Street Tree	Native Species	Fruit Grove	Leaf type	Peak Flowering	Flower Color
			Partially		Moderately		Moderately					Deciduous		
Ulmus parviflora 'Allee'	elm, Allee Lacebark	Low	Tolerant	Undetermined	Tolerant	Moderately Tolerant	Tolerant	Large Tree	Yes	No	No	Broadleaf	Early Spring	Inconspicuous
Ulmus Thomason	elm, winged	Low	Partially Tolerant	Undetermined	Moderately Tolerant	Moderately Tolerant	Moderately Tolerant	Large Tree	Yes	Indiana	No	Deciduous Broadleaf	Early Spring	Inconspicuous
	, ,		Partially		Moderately	,	Moderately	J				Deciduous	, , ,	'
Ulmus x 'Pioneer'	elm, Pioneer	Low	Tolerant	Undetermined	Tolerant	Moderately Tolerant	Tolerant	Large Tree	Yes	No	No	Broadleaf	Early Spring	Inconspicuous
Ulmus x 'Morton'	elm, Accolade	Low	Partially Tolerant	Undetermined	Undetermined	Undetermined	Moderately Tolerant	Large Tree	Yes	No	No	Deciduous Broadleaf	Early Spring	Inconspicuous
Ollitus X Worton	Ciri, Accolade	LOW	Partially	Ondetermined	Moderately	Ondetermined	Moderately	Large free	103	140	140	Deciduous	Larry Opining	inconspicuous
Ulmus x 'Morton Glossy'	elm, Triumph	Low	Tolerant	Undetermined	Tolerant	Moderately Tolerant	Tolerant	Large Tree	Yes	No	No	Broadleaf	Early Spring	Inconspicuous
Illmus v Martan Stalwart	alm Martan Stahwart	Law	Partially	Undetermined	Undetermined	Undetermined	Moderately	Large Tree	Vac	No	No	Deciduous	Carly Caring	Incononiousus
Ulmus x 'Morton Stalwart'	elm, Morton Stalwart	Low	Tolerant Partially	Undetermined	Undetermined Moderately	Undetermined	Tolerant Moderately	Large Tree	Yes	No	No	Broadleaf Deciduous	Early Spring	Inconspicuous
Ulmus x 'New Horizon'	elm, New Horizon	Low	Tolerant	Undetermined	Tolerant	Moderately Tolerant	Tolerant	Large Tree	Yes	No	No	Broadleaf	Early Spring	Inconspicuous
			Partially				Moderately					Deciduous		
Ulmus x 'Prospector'	elm, Prospector	Low	Tolerant	Undetermined	Undetermined	Undetermined	Tolerant	Large Tree	Yes	No	No	Broadleaf	Early Spring	Inconspicuous
Vaccinium angustifolium	blueberry, lowbush	Medium	Partially Tolerant	Undetermined	Undetermined	Undetermined	Sensitive	Shrub	No	Indiana	Yes	Deciduous Broadleaf	Early Spring	Inconspicuous
	,,											Deciduous	7 1 3	'
Vaccinium corymbosum	blueberry, highbush	Medium	Intolerant	Undetermined	Undetermined	Undetermined	Sensitive	Shrub	No	Indiana	Yes	Broadleaf	Spring	White
Vaccinium pallidum	blueberry, hillside	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Sensitive	Shrub	No	Indiana	Yes	Deciduous Broadleaf	Spring	White
vaccinari pamaari	bideberry, filliside	Wediam	Tolcrant	Ondetermined	Ondetermined	Ondetermined	OCHSILIVE	Official	140	IIIdiana	103	Deciduous	Opinig	VVIIIC
Viburnum acerifolium	viburnum, maple leaf	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Sensitive	Shrub	No	Indiana	Yes	Broadleaf	Spring	White
Viburanum corlocii	viburnum, Korean	Law	Partially	Undetermined	Undetermined	Lindatarminad	Consitive	Chruh	No	No	Vaa	Deciduous	Corina	Mhito
Viburnum carlesii	spice	Low	Tolerant Partially	Undetermined	Undetermined	Undetermined	Sensitive	Shrub	No	No	Yes	Broadleaf Deciduous	Spring	White
Viburnum dentatum	viburnum, arrowwood	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Sensitive	Shrub	No	Indiana	No	Broadleaf	Spring	White
			Partially									Deciduous		
Viburnum lentago	viburnum, nannyberry	Medium	Tolerant Partially	Undetermined	Undetermined	Undetermined	Sensitive	Shrub	No	Indiana	Yes	Broadleaf Deciduous	Spring	White
Viburnum nudum	viburnum, witherod	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Sensitive	Shrub	No	Indiana	No	Broadleaf	Spring	White
Viburnum opulus var.	viburnum, American		Partially									Deciduous		
americanum	cranberry bush	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Sensitive	Shrub	No	Indiana	No	Broadleaf	Spring	White
Viburnum prunifolium	viburnum, blackhaw	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Sensitive	Shrub/Smal	No	Indiana	Yes	Deciduous Broadleaf	Spring	White
Vibarram praimonam	Vibarriam, biadiciaw	Wodiam	Tolorani	Chacterminea	Chacterninea	Chacterninea	Considere	1100	110	maiana	100	Deciduous	Opinig	VVIIICO
Viburnum rafinesqueanum	arrowwood, downy	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Sensitive	Shrub	No	Indiana	No	Broadleaf	Spring	White
Viburnum trilobum	viburnum, American cranberry bush	Medium	Tolerant	Undetermined	Undetermined	Undetermined	Sensitive	Shrub	No	Indiana	No	Deciduous Broadleaf	Spring	White
VIDUITIUM (IIIODUM	cranberry busin	Wedium	Partially	Ondetermined	Officetermined	Officereffillited	Serisitive	Siliub	INO	IIIulalia	INO	Deciduous	Spring	vviiite
Viburnum x burkwoodii	viburnum, Burkwood	Low	Tolerant	Undetermined	Undetermined	Undetermined	Sensitive	Shrub	No	No	No	Broadleaf	Spring	White
			Partially									Deciduous		
Viburnum x juddii	viburnum, Judd	Low	Tolerant Partially	Undetermined	Undetermined Moderately	Undetermined	Sensitive Moderately	Shrub	No	No	No	Broadleaf Deciduous	Spring	White
Zelkova serrata 'Green Vase'	zelkova, Green Vase	Low	Tolerant	Undetermined	Tolerant	Sensitive	Tolerant	Large Tree	Yes	No	No	Broadleaf	Spring	White
	,		Moderately	Upland/	Moderately		Moderately					Deciduous	, ,	
Acer campestre	maple, hedge	Low	Tolerant	Lowland	Tolerant	Moderately Sensitive		Small Tree	Yes	No	No	Broadleaf	Late Spring	Inconspicuous
Zelkova serrata 'JFS KW1'	zelkova, City Sprite	Low	Intolerant	Undetermined	Moderately Tolerant	Sensitive	Moderately Tolerant	Small Tree	Yes	No	No	Deciduous Broadleaf	Late Spring	Inconspicuous
			Partially	- //actorrimiou	Moderately		Moderately	5an 1100				Deciduous	piiig	20.100.0000
Zelkova serrata 'Musashino'	zelkova, Musashino	Low	Tolerant	Undetermined	Tolerant	Sensitive	Tolerant	Large Tree	Yes	No	No	Broadleaf	Late Spring	Inconspicuous
Zalkova porrota 'Sahmidtlaw'	zolkova Wirologa	Low	Intolorant	Undetermined	Moderately	Moderately Tolerant	Moderately	Small Tree	Voc	No	No	Deciduous	Lata Spring	Incononiquous
Zelkova serrata 'Schmidtlow'	zelkova, Wireless	Low	Intolerant	Undetermined	Tolerant	Moderately Tolerant	Tolerant	Small Tree	Yes	No	INO	Broadleaf	Late Spring	Inconspicuous





# **PROHIBITED TREE SPECIES**

<b>Botanical Name</b>	Common Name	Reason	Details
Acer platanoides	Norway maple	Invasive	IISC Invasive Species List; High
Ailtanthus altissima	tree of heaven	Invasive	IISC Invasive Species List; High; Prohibited Invasive Terrestrial Plants [312 IAC 18-3-25]
Albizia julibrissin	mimosa	Invasive	IISC Invasive Speices List; Medium
Alnus glutinosa	black alder	Invasive	IISC Invasive Species List; High; Prohibited Invasive Terrestrial Plants [312 IAC 18-3-25]
Morus alba	white mulberry	Invasive	IISC Invasive Species List; High; Prohibited Invasive Terrestrial Plants [312 IAC 18-3-25]
Paulownia tomentosa	princess tree	Invasive	IISC Invasive Speices List; Medium
Phellodendron amurense	Amur cork tree	Invasive	IISC Invasive Species List; High; Prohibited Invasive Terrestrial Plants [312 IAC 18-3-25]
Pyrus calleryana	callery pear	Invasive	IISC Invasive Species List; High
Rhamnus cathartica	buckthorn	Invasive	IISC Invasive Species List; High; Prohibited Invasive Terrestrial Plants [312 IAC 18-3-25]
Quercus acutissima	sawtooth oak	Invasive	IISC Invasive Species List; Caution
Ulmus pumila	Siberian elm	Invasive	IISC Invasive Speices List; Medium
Fraxinus spp.	ash species	Impacted	Emerald Ash Borer
Castanea spp.	chestnut species	Impacted	Oak Wilt and Chestnut Blight
Quecus spp. (lobatae)	northern red, black, pin, northern pin, scarlet, shumard, etc.	Impacted	Oak Wilt
Tsuga canadensis	eastern hemlock	Impacted	Hemlock Wooly Adelgid
Ulmus americana	American elm	Impacted	Dutch elm disease (American resistant cultivars reccomended as an alternative)
Fagus grandifolia	American beech	Impacted	Beech bark disease
Juglans nigra	black walnut	Aggressive	Fruit/leaves/roots kills other nearby trees and plants
Robinia psuedoacacia	black locust	Aggressive	species overwhelms other native tree