

The table below lists street trees that can be planted in South Bend

The table below is for reference only

**Trees size** Mature height less than 35ft appropriate for under power lines, 35ft to 45ft may be compatible with power lines if wires are high enough

**Canopy Density** Open, Moderate or Dense. Open canopy will allow more sunlight through than a tree with dense canopy

**Urban Stress Tolerance** tolerance to urban stresses such as air pollution, poor drainage, compacted soil & drought

**Salt Tolerance** **H**-High, **M**-Moderate, **L**-Low and **S**-Sensitive (relative tolerance to aerosol salt spray)

**Growth Rate** **S**-Slow (12"yrs), **M**-Moderate (12"-24" yrs) and **F**-Fast (24"+ yrs)

**Life Rate** **Long** (+-50yrs) Intermediate "**Inter**" (up to 50yrs) and **Short** (up to 30yrs)

**\* Highest recommended trees**

Tree Species	Minium Tree Lawn	Height	Spread	Canopy Density	Fall Color	Urban Stress Tolerance	Salt	Growth Rate Life Span	Sun/Shade Requirements
Alder Black ( <i>Alnus glutinosa</i> )	48"	40'-80'	20'-40'	Moderate	None	High	M	F/Inter	Full/Part Shade
Beech (European Cooper)									
Beech (European Tricolor)									
* Bald Cypress	72"	60'-80'	20'-45'	Dense	Bronze	High	M	F/Long	Full
* Bald Cypress (Cascade Falls)	36"	6'-12'	10'-12'						
* Bald Cypress (Shawnee Brave)	72"	70'-75'	15'-20'		Brownish orange	High	M	F/Long	Full/Part Shade
* Blackgum/Black Tupelo	60"	40'-70'	30'-45'	Moderate	Orange/Red	Intermediate	M	S/Long	Full/Part Shade
Blackgum / Black Tupelo (Red Rage)	48"	30'-35'	15'-20'		Red				Full/Part Shade
<b>* Birch River (Heritage)</b>	<b>48"</b>	<b>40'-50'</b>	<b>40'-50'</b>	<b>Dense</b>	<b>Yellow</b>	<b>Intermediate</b>	<b>L</b>	<b>F/Inter</b>	<b>Full/Part Shade</b>
Birch (White Barded Himalayan)	48"	35'-50'	25'-40'	Dense	Yellow	Intermediate	L	F/Inter	Full/Part Shade
Buckeye Yellow	72"	60'-75'	30'-35'	Dense	Org/Yellow		M	M/Long	Full
Caroline Silverbell	36"	25'-40'	15'-35'	Open	Yellow	Intermediate	M	M/Inter	Full/Part Shade
<b>* Cherry (Kwanzan Oriental)</b>	<b>36"</b>	<b>25'-35'</b>	<b>20'-25'</b>	<b>Moderate</b>	<b>Org./Brwn</b>	<b>Low</b>	<b>L-M</b>	<b>M/Short</b>	<b>Full</b>
<b>* Cherry (Canada Red or Shubert Chokecherry)</b>	<b>36"</b>	<b>20'-30'</b>	<b>15'-20'</b>	<b>Moderate</b>	<b>Mat red purple</b>	<b>Low</b>	<b>M-H</b>	<b>M/Short</b>	<b>Full</b>
Cherry (Big Cis Sand)	36"	12'-15'	10'-12'		Org./Red			F/Short	
Cherry (Accolade Flowing)	36"	30'-40'	25'-35'	Open	None	Intermediate		F/Short	Full
Cherry (Columnar Sargent)	36"	30'-40'	12'-18'	Dense	Org/Red/Yellow	Intermediate	M	F/Inter	Full
<b>* Corktree (Macho Amur)</b>	<b>48"</b>	<b>35'-45'</b>	<b>30'-40'</b>	<b>Open</b>	<b>Yellow</b>	<b>High</b>	<b>M</b>	<b>M/Long</b>	<b>Full</b>
Cork (Eye Stopper)	48"	35'-40'	30'-35'		Yellow				Full/Part Shade
Corktree (Shademaster Amur)	48"	35'-40'	35'-40'	Moderate	Yellow	High		M/	Full/Part Shade
<b>* Crabapple (Sugar Tyme)</b>	<b>36"</b>	<b>16'-20'</b>	<b>14'-16'</b>	<b>Moderate</b>	<b>Yellow</b>	<b>Inter-High</b>	<b>H</b>	<b>F/Inter</b>	<b>Full</b>
<b>* Crabapple (Centurion)</b>	<b>36"</b>	<b>20'-25'</b>	<b>15'-20'</b>	<b>Moderate</b>	<b>variable</b>	<b>Inter-High</b>	<b>M-H</b>	<b>S-M/Inter</b>	<b>Full</b>
<b>* Crabapple (Prairifire)</b>	<b>36"</b>	<b>15'-20'</b>	<b>15'-20'</b>	<b>Moderate</b>	<b>Bronze</b>	<b>Inter-High</b>	<b>M-H</b>	<b>F/Inter</b>	<b>Full</b>
<b>* Crabapple (Harvest Gold)</b>	<b>36"</b>	<b>20'-25'</b>	<b>15'-20'</b>	<b>Moderate</b>	<b>variable</b>	<b>Inter-High</b>	<b>M-H</b>	<b>S-M/Inter</b>	<b>Full</b>
<b>* Crabapple (Donald Wyman)</b>	<b>36"</b>	<b>18'-22'</b>	<b>15'-22'</b>	<b>Moderate</b>	<b>variable</b>	<b>Inter-High</b>	<b>M-H</b>	<b>S-M/Inter</b>	<b>Full</b>
<b>* Crabapple (Cardinal)</b>	<b>36"</b>	<b>15'-20'</b>	<b>18'-22'</b>	<b>Moderate</b>	<b>variable</b>	<b>Inter-High</b>	<b>M-H</b>	<b>F/Inter</b>	
<b>* Crabapple (Red Jewel)</b>	<b>36"</b>	<b>14'-16'</b>	<b>10'-14'</b>	<b>Moderate</b>	<b>variable</b>	<b>Inter-High</b>	<b>M-H</b>	<b>S-M/Inter</b>	<b>Full</b>
<b>* Crabapple (Spring Snow)</b>	<b>36"</b>	<b>25'-30'</b>	<b>15'-20'</b>	<b>Moderate</b>	<b>variable</b>	<b>Inter-High</b>	<b>M-H</b>	<b>S-M/Inter</b>	<b>Full</b>
<b>* Crabapple (Sargent)</b>	<b>36"</b>	<b>10'-15'</b>	<b>10'-15'</b>	<b>Moderate</b>	<b>variable</b>	<b>Inter-High</b>	<b>M-H</b>	<b>S-M/Inter</b>	<b>Full</b>
<b>* Crabapple (Lollipop)</b>	<b>36"</b>	<b>10'-12'</b>	<b>10'-12'</b>	<b>Moderate</b>	<b>variable</b>	<b>Inter-High</b>	<b>M-H</b>	<b>S-M/Inter</b>	<b>Full</b>

Tree Species	Minium Tree Lawn	Height	Spread	Canopy Density	Fall Color	Urban Stress Tolerance	Salt	Growth Rate Life Span	Sun/Shade Requirements
* Crabapple (Adams)	36"	20'-24'	18'-20'	Moderate	variable	Inter-High	H	F/Inter	Full
* Crabapple (Royal Raindrops)	36"	15'-20'	15'-20'	Moderate	Orange/Red	Inter-High	H	M/Inter	Full
* Crabapple (Redbud Zumi)	36"	20'-25'	25'-30'	Moderate	variable	Inter-High	M-H	S-M/Inter	Full
* Crabapple (Winter Gold)	36"	20'-25'	15'-20'	Moderate	Brown	Inter-High	M-H	S-M/Inter	Full
* Dogwood (Kousa)	36"	20'-30'	20'-30'	Moderate	Red	Intermediate	M	F/Inter	Part Shade
* Dogwood (Aurora Stellar Series)	36"	20'-25'	20'-25'	Moderate	Red	Intermediate	M	F/Inter	Part Shade
* Dogwood (Kousa)	36"	20'-30'	20'-30'	Moderate	Red	Intermediate	M	F/Inter	Part Shade
* Dogwood (Aurora Stellar Series)	36"	20'-25'	20'-25'	Moderate	Red	Intermediate	M	F/Inter	Part Shade
Dogwood (Ruth Ellen)	36"	20'-25'	20'-25'	Moderate	Red	Intermediate	M	F/Inter	Part Shade
Dogwood (Venus)	48"	20'-25'	15'-20'		Purple/Red				Full/Part Shade
Dawn Redwood	72"	70'-100'	25'-40'	Open	Yellow,Org	Intermediate	M	F/Long	Full/Part Shade
* Elm Hybrid (Homestead)	72"	50'-60'	35'-45'	Open	Yellow	High	M	F/Inter	Full/Part Shade
* Elm Hybrid (Pioneer)	72"	50'-60'	50'-60'	Open	Yellow	High	M	F/Inter	Full/Part Shade
* Elm (Lacebark)	72"	50'-75'	30'-75'	Moderate	Red/Yellow	High	M	F/Long	Full/Part Shade
Elm (Accolade Morton)	72"	65'-70'	55'-60'		Yellow				
Elm (Hybrid Triumph)	72"	50'-60'	45'-50'					F/Long	
Elm (Dynasty Lacebark)	72"	50'-70'	50'-60'	Moderate	Red/Yellow	High	M	F/Long	Full/Part Shade
Elm (Ohio Lacebark)	72"	50'-60'	40'-50'	Moderate	Red/Yellow	High	M	F/Long	Full/Part Shade
* Elm (Allee Lacebark)	72"	50'-75'	40'-55'	Moderate	Red/Yellow	High	M	M/Long	Full/Part Shade
Elm (Lacebark Everclear)	48"	35'-40'	10'-15'	Dense					
Elm (Prospector)	72"	45'-55'	40'-50'	Moderate	Yellow	High		F/	
Elm (Frontier Hybrid)	60"	40'-50'	25'-35'	Moderate	Burgundy	High	M	F/N/A	Full/Part Shade
Elm (Regal Hybrid)	72"	55'-65'	40'-50'	Moderate	Burgundy	High	M	F/N/A	Full/Part Shade
Elm (Sapporo Autumn Gold Hybrid)	72"	55'-70'	50'-60'	Moderate	Burgundy	High	M	F/N/A	Full/Part Shade
Elm (Urban Hybrid)	60"	50'-60'	35'-45'	Moderate	Burgundy	High	M	F/N/A	Full/Part Shade
Elm (Danada Charm Hybrid)	60"	60'-70'	50'-60'	Moderate	Yellow	High	M	F/N/A	Full/Part Shade
* Elm (American Liberty)	72"	80'-100'	60'-85'	Moderate	Yellow	High	M	F/Inter	Full/Part Shade
Elm (New Harmony)	72"	65'-70'	60'-65'		Yellow			F/Long	Full/Part Shade
Elm (Emerald Sunshine)	60"	30'-35'	20'-25'		Yellow	High		F/Long	Full/Part Shade
Elm (Everclear Lacebark)	60"	35'-40'	15'-20'		Yellow	High		F/Long	Full/Part Shade
Ginkgo (Golden Colonnade)	60"	40'-45'	20'-25'		Yellow				Full/Part Shade
Ginkgo (Presidential Gold)	72"	45'-50'	35'-40'		Yellow				Full/Part Shade
Ginkgo (Lakeview fruitless)	60"	45'-55'	25'-35'	Moderate	Yellow	High	M	M/Long	Full/Part Shade
Ginkgo (Autumn fruitless)	60"	45'-55'	30'-40'	Moderate	Yellow	High	M	M/Long	Full/Part Shade
* Ginkgo (Princeton Sentry fruitless)	60"	55'-65'	25'-30'	Moderate	Yellow	High	M	F/Long	Full/Part Shade
*Goldenrain Tree	60"	25'-40'	25'-50'	Open	Yellow	Intermediate	M	F/Inter	Full
Hawthorn (Crusader/Cockspurr thornless)	36"	15'-20'	20'-25'	Dense	Org/Purple	High		S,M/	Full
Hawthorn (Downy)	36"	20'-25'	15'-20'						
* Hawthorn (Ohio Pioneer Dotted)	36"	20'-25'	20'-25'	Moderate	None	High	L		Full
* Hawthorn (Washington)	36"	20'-30'	20'-30'	Moderate	Copper/Yellow	High	L	M/Inter	Full

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<b>* Hawthorn (Winter King Green)</b>	<b>36"</b>	<b>25'-30'</b>	<b>25'30'</b>	<b>Moderate</b>	<b>Red/Gold</b>	<b>High</b>	<b>L</b>	<b>M/Long</b>	<b>Full</b>
Hawthorn (Vaughn)	36"	20'-30'	25'-35'	Moderate	Org/Scarlet	High	H	S/	Full
Hardy Rubber tree	60"	40'-60'	40'-60'	Dense	Yellow/Green	High	H	M/Inter	Full/Part Shade
Hackberry (Prairie Sentinel)	48"	40'-45'	10'-12'		Yellow				Full/Part Shade
Hachberry (Prairie Pride)	60"	40'-50'	40'-50'	Moderate	Yellow	High	L-M	F/Long	Full/Part Shade
Hachberry (Magnifica)	72"	50'-60'	50'-60'	Moderate	Yellow	High		F/Long	Full/Part Shade
<b>* Honeylocust (Skyline)</b>	<b>48"</b>	<b>45'-70'</b>	<b>35'-45'</b>	<b>Open</b>	<b>Yellow</b>	<b>Intermediate</b>	<b>M</b>	<b>M/Long</b>	<b>Full</b>
<b>* Honeylocust (Imperial thornless)</b>	<b>48"</b>	<b>30-40</b>	<b>35'-45'</b>	<b>Open</b>	<b>Yellow</b>	<b>Intermediate</b>	<b>H</b>	<b>F/Long</b>	<b>Full</b>
Honeylocust (Moraine)	48"	60'-70'	50'-60'	Open	Yellow	Intermediate	M	F/Long	Full
Honeylocust (Sunburst thornless)	48"	30'-35'	N/A	Open	Yellow	Intermediate	M	F/Long	Full
<b>* Honeylocust (Shademaster)</b>	<b>48"</b>	<b>40'-60'</b>	<b>30'-40'</b>	<b>Open</b>	<b>Yellow</b>	<b>Intermediate</b>	<b>M</b>	<b>M/Inter</b>	<b>Full/Part Shade</b>
<b>* Hornbeam (American)</b>	<b>36"</b>	<b>20'-40'</b>	<b>20'-30'</b>	<b>Moderate</b>	<b>Org/Red/Yellow</b>	<b>High</b>	<b>S</b>	<b>S,M/Inter</b>	<b>Full/Part Shade</b>
<b>* Hornbeam (Fastigiata European)</b>	<b>36"</b>	<b>30'-40'</b>	<b>20'-30'</b>	<b>Dense</b>	<b>Yellow</b>	<b>High</b>	<b>N/A</b>	<b>S/Inter</b>	<b>Full/Part Shade</b>
Hornbeam (Emerald Avenue)	60"	35'-40'	25'-28'		Yellow			F	Full/Part Shade
Horsechestnut Baumann Common	72"	60'-70'	45'-55'	Dense	Yellow	Intermediate	M	M/Long	Full
<b>* Horsechestnut Ruby Red</b>	<b>60"</b>	<b>30'-45'</b>	<b>30'-45'</b>	<b>Dense</b>	<b>Yellow</b>	<b>Intermediate</b>	<b>M</b>	<b>S/Long</b>	<b>Full</b>
Hickory	72"	60'-80'	N/A	Moderate	Yellow			S/Long	Full/Part Shade
Katsura Tree	60"	40'-60'	20'-40'	Open	Yellow/Orange	Intermediate	M	F/Long	Full/Part Shade
<b>* Kentucky Coffeetree</b>	<b>72"</b>	<b>55'-75'</b>	<b>45'-55'</b>	<b>Open</b>	<b>Yellow</b>	<b>High</b>	<b>M</b>	<b>S/Long</b>	<b>Full</b>
Kentucky Coffee Tree (Espresso)	60"	45'-50'	30'-35'		Yellow				Full/Part Shade
<b>* Lilac (Ivory Silk Japanese tree)</b>	<b>36"</b>	<b>20'-30'</b>	<b>15'-20'</b>	<b>Dense</b>	<b>Red/No Color</b>	<b>Intermediate</b>	<b>M</b>	<b>M/Inter</b>	<b>Full</b>
Lilac (Beijing Gold)	48"	15'-20'	15'-20'		Yellow				Full/Part Shade
Lilac (Summer Snow Japanese Tree)	36"	20'-25'	20'-25'	Dense	None	Intermediate	M	M/Inter	Full
Lilac (Regent Japanese tree)	36"	25'-30'	15'-20'	Dense	None	Intermediate	M	M/Inter	Full
<b>* Linden American (Greenspire Littleleaf)</b>	<b>48"</b>	<b>50'-70'</b>	<b>30'-45'</b>	<b>Dense</b>	<b>Yellow</b>	<b>Intermediate</b>	<b>L</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
<b>* Linden (Littleleaf)</b>	<b>48"</b>	<b>60'-80'</b>	<b>35'-55'</b>	<b>Dense</b>	<b>Yellow</b>	<b>Intermediate</b>	<b>L</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
<b>* Linden (Redmond American)</b>	<b>48"</b>	<b>50'-70'</b>	<b>30'-45'</b>	<b>Dense</b>	<b>Yellow</b>	<b>Intermediate</b>	<b>L</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
<b>* Linden (Glenieven Littleleaf)</b>	<b>48"</b>	<b>50'-70'</b>	<b>35'-50'</b>	<b>Dense</b>	<b>Yellow</b>	<b>Intermediate</b>	<b>L</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
<b>* Linden (Sterling Silver)</b>	<b>48"</b>	<b>45'-70'</b>	<b>30'-55'</b>	<b>Dense</b>	<b>Yellow</b>	<b>Intermediate</b>	<b>H</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
<b>* Linden (Harvest Gold)</b>	<b>48"</b>	<b>40'-50'</b>	<b>25'-30'</b>	<b>Dense</b>	<b>Yellow</b>	<b>Intermediate</b>	<b>H</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
<b>* Linden (Lincoln)</b>	<b>48"</b>	<b>30'-35'</b>	<b>15'-20'</b>	<b>Dense</b>	<b>Yellow</b>	<b>Intermediate</b>	<b>H</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
Magnolia (Cucumbertree)	60"	50'-70'	35'-55'	Dense	Bronze/Yellow	High	M	F/Long	Full/Part Shade
Magnolia (Star)	36"	10'-20'	10'-15'	Moderate	Yellow	Intermediate	H	S/Inter	Full/Part Shade
Magnolia (Merrill)	36"	25'-40'	25'-40'	Open	Yellow	Intermediate	H	M/Inter	Full/Part Shade
Marnolia (Galaxy)	36"	30'-50'	10'-15'	Open	Yellow/Brown	Intermediate	H	F/Short	Full/Part Shade
Maple Amur (Red November)	36"	15'-20'	20'-25'	Dense	Red				
Maple Amur	36"	15'-20'	15'-20'	Dense	Red	Intermediate	M	M/Inter	Both
<b>* Maple Hedge</b>	<b>36"</b>	<b>25'-40'</b>	<b>25'-40'</b>	<b>Dense</b>	<b>Yellow</b>	<b>High</b>	<b>M-H</b>	<b>S/Inter</b>	<b>Full/Part Shade</b>
Maple (Armstrong Freeman)	48"	50'-60'	20'-25'	Moderate	Yellow	High	L	F/Inter	Full/Part Shade
Maple Paperbark	36"	25'-35'	15'-30'	Moderate	Red,Org,Yel	Intermediate	S	S/Inter	Both

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Maple (Autumn Blaze Freeman)	60"	50'-60'	40'-50'	Dense	Orange, Red	High	H	F/	Full/Part Shade
Maple (Celebration Freeman)	60"	45'-65'	25'-40'	Dense	Red/Gold	High		F/Long	Full/Part Shade
Maple (Celebration)	60"	45'-50'	20'-25'		Yellow/Orange	High			Full/Part Shade
Maple (Scarlet Sentinel Freeman)	60"	50'-70'	25'-35'	Moderate	Red/Yellow	High		F/	Full/Part Shade
Maple (Redpointe Red)	60"	40'-45'	25'-30'		Red			F	Full/Part Shade
Maple (autumn Fest)	60"	45'-50'	30'-35'		Orange/Red				Full/Part Shade
<b>* Maple (Black/Sugar)</b>	<b>60"</b>	<b>60'-80'</b>	<b>40'-70'</b>	<b>Dense</b>	<b>Org/Red/Yellow</b>	<b>Intermediate</b>	<b>L</b>	<b>M/</b>	<b>Full/Part Shade</b>
<b>* Maple (Greencolumn Black)</b>	<b>60"</b>	<b>50'-60'</b>	<b>20'-30'</b>		<b>Apricot</b>	<b>Intermediate</b>	<b>H</b>	<b>S/</b>	<b>Full/Part Shade</b>
Maple (Norway)	60"	40'-75'	30'-60'		Yellow/Brown	High			Full/Part Shade
<b>* Maple (Cleveland Norway)</b>	<b>60"</b>	<b>45'-55'</b>	<b>30'-35'</b>	<b>Dense</b>	<b>Yellow</b>	<b>High</b>			<b>Full/Part Shade</b>
<b>* Maple (Columnar Norway)</b>	<b>48"</b>	<b>50'-60'</b>	<b>15'-20'</b>	<b>Dense</b>	<b>Yellow</b>	<b>High</b>		<b>S/Long</b>	<b>Full/Part Shade</b>
<b>* Maple (Crimson King Norway)</b>	<b>60"</b>	<b>35'-45'</b>	<b>25'-35'</b>	<b>Dense</b>	<b>Brown</b>	<b>Intermediate</b>		<b>F/Long</b>	<b>Full/Part Shade</b>
<b>* Maple (Crimson Sentry Norway)</b>	<b>48"</b>	<b>35'-40'</b>	<b>25'-30'</b>	<b>Dense</b>	<b>Red/Gold</b>		<b>H</b>		
Maple (Crimson Sunset)	60"	30'-35'	20'-25'		Red				Full/Part Shade
Maple (Deborah Norway)	60"	55'-65'	45'-55'	Dense	Yellow	High			Full/Part Shade
Maple (Emerald Lustre Norway)	60"	55'-65'	50'-60'	Dense	Yellow	High		F/	Full/Part Shade
Maple (Emerald Queen Norway)	60"	60'-75'	50'-60'	Dense	Yellow	High		F/	Full/Part Shade
Maple (Parkway Norway)	60"	40'-50'	25'-35'	Dense	Yellow	High		F/	Full/Part Shade
Maple (Superform Norway)	60"	50'-60'	40'-45'	Dense	Yellow	High		F/	Full/Part Shade
Maple (Red)	60"	50'-75'	30'-60'	Moderate	Red/Yellow			F/	
<b>* Maple Red ( Red Sunset)</b>	<b>60"</b>	<b>45'-50'</b>	<b>35'-40'</b>	<b>Moderate</b>	<b>Orange/Red</b>	<b>High</b>	<b>S</b>	<b>F/Inter</b>	<b>Full/Part Shade</b>
<b>* Maple (Armstrong Red)</b>	<b>48"</b>	<b>50'-60'</b>	<b>20'-25'</b>	<b>Moderate</b>	<b>Orange/Red</b>	<b>High</b>		<b>F/</b>	
Maple (Autumn Flame Red)	60"	45'-55'	35'-45'		Red			F/	
<b>* Maple (Autumn Blaze Red)</b>	<b>60"</b>	<b>50'-60'</b>	<b>30'-40'</b>		<b>Red</b>	<b>Intermediate</b>	<b>H</b>	<b>F/</b>	<b>Full/Part Shade</b>
<b>* Maple (October Glory Red)</b>	<b>60"</b>	<b>50'-60'</b>	<b>40'-50'</b>	<b>Moderate</b>	<b>Red</b>	<b>Intermediate</b>		<b>F/</b>	<b>Full/Part Shade</b>
Maple (Bonfire Sugar)	60"	50'-70'	40'-60'			Intermediate		M/Long	Full/Part Shade
<b>* Maple (Commemoration Sugar)</b>	<b>60"</b>	<b>50'-60'</b>	<b>30'-35'</b>	<b>Dense</b>	<b>Org/Pink/Red</b>	<b>Intermediate</b>	<b>S</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
<b>* Maple (Goldspire Sugar)</b>	<b>48"</b>	<b>40'-50'</b>	<b>12'-15'</b>	<b>Dense</b>	<b>Yellow</b>	<b>Low</b>	<b>S</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
<b>Maple (Majesty Sugar)</b>	<b>60"</b>	<b>45'-50'</b>	<b>30'-40'</b>	<b>Dense</b>	<b>Org/Red</b>	<b>Intermediate</b>	<b>H</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
<b>* Maple (Legacy Sugar)</b>	<b>60"</b>	<b>50'-60'</b>	<b>30'-35'</b>	<b>Dense</b>	<b>Org/Pink/Red</b>	<b>Intermediate</b>	<b>S</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
<b>* Maple (Fairview Sugar)</b>	<b>60"</b>	<b>50'-60'</b>	<b>40'-50'</b>	<b>Dense</b>	<b>Orange</b>	<b>Intermediate</b>		<b>M/Long</b>	<b>Full/Part Shade</b>
<b>* Maple (Steeple Sugar)</b>	<b>48"</b>	<b>40'-45'</b>	<b>15'-20'</b>	<b>Dense</b>	<b>Yellow/Orange</b>	<b>Intermediate</b>	<b>m</b>	<b>S/Long</b>	<b>Full/Part Shade</b>
Maple (Metro Gold)	60"	30'-35'	18'-20'		Yellow	High			Full/Part Shade
Maple (Belle Tower Sugar)	60"	40'-45'	15'-18'		Orange/Yellow	High			Full/Part Shade
Maple (Flashfire Sugar)	60"	40'-45'	35'-40'		Red				Full/Part Shade
Maple (Northern Flare Sugar)	60"	45'-50'	35'-40'		Orange/Red			F	Full/Part Shade
<b>* Maple (Tatarian)</b>	<b>36"</b>	<b>15'-25'</b>	<b>15'-25'</b>	<b>Dense</b>	<b>Yellow/Red</b>	<b>High</b>	<b>M</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
<b>* Oak English (Fastigiata)</b>	<b>48"</b>	<b>50'-60'</b>	<b>15'-20'</b>	<b>Moderate</b>	<b>Bronze</b>	<b>High</b>	<b>M</b>	<b>M/Long</b>	<b>Full</b>
Oak English (Skyrocket)	48"	45'-60'	14'-17'	Moderate	Bronze	High	M	M/Long	Full
Oak English (Attention)	48"	50'-60'	14'-17'	Moderate	Bronze	High	M	M/Long	Full

Tree Species	Minium Tree Lawn	Height	Spread	Canopy Density	Fall Color	Urban Stress Tolerance	Salt	Growth Rate Life Span	Sun/Shade Requirements
Oak English (Shademaster)	48"	50'-60'	35'-40'	Dense	Bronze	High		M/Long	Full
Oak (Black)	72"	60'-80'	N/A		Bronze	High		/Long	Full
Oak (Sawtooth)	72"	40'-50'	35'-55'	Dense	None	High		M/Long	Full/Part Shade
<b>* Oak (Northern Red)</b>	<b>72"</b>	<b>60'-80'</b>	<b>45'-65'</b>	<b>Dense</b>	<b>Red</b>	<b>High</b>	<b>M</b>	<b>F/Long</b>	<b>Full</b>
<b>* Oak (Bur)</b>	<b>72"</b>	<b>70'-90'</b>	<b>60'-80'</b>	<b>Dense</b>	<b>Dull Yellow</b>	<b>High</b>	<b>M</b>	<b>M/F/Long</b>	<b>Full</b>
<b>* Oak (Shumard)</b>	<b>72"</b>	<b>60'-80'</b>	<b>45'-65'</b>	<b>Open</b>	<b>Scarlet</b>	<b>High</b>	<b>M</b>	<b>F/Long</b>	<b>Full</b>
<b>* Oak (White)</b>	<b>72"</b>	<b>80'-100'</b>	<b>60'-80'</b>	<b>Moderate</b>	<b>Red</b>	<b>Intermediate</b>	<b>M</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
Oak Pin	72"	55'-75'	40'-55'	Moderate	Bronze/Red	Intermediate	S-L	F/Long	Full
<b>* Oak (Shingle)</b>	<b>72"</b>	<b>40'-65'</b>	<b>40'-60'</b>	<b>Dense</b>	<b>Red/Yellow</b>	<b>Intermediate</b>	<b>M</b>	<b>S-M/Long</b>	<b>Full/Part Shade</b>
<b>* Oak (Swampwhite)</b>	<b>72"</b>	<b>60'-80'</b>	<b>50'-70'</b>	<b>Moderate</b>	<b>Bronze</b>	<b>Intermediate</b>	<b>L-M</b>	<b>M/Long</b>	<b>Full/Part Shade</b>
Pagodatree (or Scholartree)	48"	40'-70'	40'-70'	Moderate	Yellow	High	M	M/Long	Full
Parrotia Persian	36"	20'-40'	15'-30'		Yellow/Orange			M/Short	
<b>* Pear (Callery Aristocrat)</b>	<b>36"</b>	<b>35'-45'</b>	<b>30'-40'</b>	<b>Moderate</b>	<b>Red</b>	<b>High</b>	<b>M</b>	<b>F/Inter</b>	<b>Full</b>
<b>* Pear (Callery Cleveland Select)</b>	<b>36"</b>	<b>35'-40'</b>	<b>15'-20'</b>	<b>Dense</b>	<b>Red</b>	<b>High</b>	<b>M</b>	<b>F/Inter</b>	<b>Full/Part Shade</b>
<b>* Pear (Callery Redspire)</b>	<b>36"</b>	<b>40'-45'</b>	<b>25'-30'</b>	<b>Dense</b>	<b>Red</b>	<b>High</b>	<b>M</b>	<b>F/Inter</b>	<b>Full/Part Shade</b>
Pear (Dancer Ornamental)	36"	30'-35'	20'-25'	Dense				F/Inter	Full/Part Shade
<b>* Pear (Autumn Blaze Calley)</b>	<b>36"</b>	<b>35'-45'</b>	<b>20'-30'</b>	<b>Dense</b>	<b>Red/Orange</b>	<b>Intermediate</b>		<b>F/Inter</b>	<b>Full/Part Shade</b>
<b>* Pear (Chanticleer)</b>	<b>36"</b>	<b>35'-40'</b>	<b>15'-20'</b>	<b>Dense</b>	<b>Gold/Red/Purple</b>	<b>High</b>	<b>M</b>	<b>F/Inter</b>	<b>Full</b>
<b>* Pear (Capital Callery)</b>	<b>36"</b>	<b>35'-40'</b>	<b>10'-15'</b>	<b>Dense</b>	<b>Red/Purple</b>	<b>Intermediate</b>		<b>F/Inter</b>	<b>Full/Part Shade</b>
<b>* Pear (Whitehouse Callery)</b>	<b>36"</b>	<b>35'-40'</b>	<b>15'-20'</b>	<b>Dense</b>	<b>Red/Purple</b>	<b>Intermediate</b>		<b>F/Inter</b>	<b>Full/Part Shade</b>
Pear (Edgewood)	36"	25'-30'	20'-25'	Dense	Purple			F/Inter	
<b>* Pear (Korean Sun)</b>	<b>36"</b>	<b>15'-20'</b>	<b>15'-20'</b>	<b>Dense</b>	<b>Red/Purple</b>	<b>Intermediate</b>	<b>H</b>	<b>F/Inter</b>	<b>Full/Part Shade</b>
<b>* Planetree (Liberty London)</b>	<b>72"</b>	<b>70'-80'</b>	<b>55'-65'</b>	<b>Dense</b>	<b>Yellow/Brwn</b>	<b>High</b>	<b>M</b>	<b>F/Inter</b>	<b>Full</b>
<b>* Planetree (Boodgood London)</b>	<b>72"</b>	<b>70'-80'</b>	<b>55'-65'</b>	<b>Dense</b>	<b>Yellow</b>	<b>High</b>	<b>M</b>	<b>F/Inter</b>	<b>Full</b>
Planetree (Columbia London)	72"	50'-80'	40'-65'	Dense	Yellow/Brown	High	H	M/Long	Full/Part Shade
Princess Kay Canada Plum	36"	15'-18'	10'-12'	Moderate	Yellow/Red	Intermediate	H	F/Short	Full
<b>* Redbud Eastern</b>	<b>48"</b>	<b>25'-30'</b>	<b>25'-30'</b>	<b>Moderate</b>	<b>Yellow</b>	<b>Low</b>	<b>S</b>	<b>F/Short</b>	<b>Full/Part Shade</b>
Scholartree (Regent)	36"	40'-50'	30'-40'		Yellow	Intermediate	H	F/	Full
Serviceberry (Autumn Brilliance)	36"	20'-25'	15'-18'	Moderate	Orange/Red	Low	S	F/Short	Full/Part Shade
<b>* Serviceberry (Tradition)</b>	<b>36"</b>	<b>20'-25'</b>	<b>15'-25'</b>	<b>Moderate</b>	<b>Org.Red,Yel</b>	<b>Intermediate</b>		<b>/Inter</b>	<b>Full/Part Shade</b>
Serviceberry (Cumulus)	36"	25'-30'	12'-18'	Moderate	Org.Red,Yel			/Inter	Full/Part Shade
Serviceberry (Robin Hill)	36"	20'-25'	12'-15'	Moderate	Org.Red,Yel	Intermediate		/Inter	Full/Part Shade
Seven-son Flower	36"	15'-20'	15'-20'						
Silverbell (Wedding Bells)	36"	15'-20'	10'-15'		Yellow				Full/Part Shade
Sourwood	60"	30'-50'	20'-30'	Dense	Yellow/Orange	Intermediate	M	S-M/Inter	Full/Part Shade
Snowbell (Japanes Snowcone)	36"	20'-25'	15'-20'						
Sycamore (American)	72"	80'-100'	60'-70'	Dense	Yellow		M	F/Long	Full
<b>* Sweetgum</b>	<b>72"</b>	<b>50'-75'</b>	<b>40'-65'</b>	<b>Moderate</b>	<b>Red/Yellow</b>	<b>Intermediate</b>	<b>M</b>	<b>F/Inter</b>	<b>Full/Part Shade</b>
Sweetgum (Moraine)	72"	55'-65'	40'-50'	Moderate	Red/Yellow	Intermediate	M	F/Inter	Full/Part Shade
Sweetgum (Gold Dust)	72"	55'-65'	40'-45'	Moderate	Red/Yellow	Intermediate	M	F/Inter	Full/Part Shade

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Sweetgum (Slender Silhouette)	60"	55'-60'	8'-12'		Yellow/Red			F	Full/Part Shade
Tulip (Emerald City)	60"	50'-55'	20'-25'		Yellow				Full/Part Shade
Tuliptree	72"	70'-90'	35'-50'	Open	Yellow	Low	S	F/Long	Full/Part Shade
Turkish Hazel or Filbert	72"	45'-60'	25'-35'	Dense	Yellow/Purple	High	S	M/Long	Full
Yellowwood	72"	35'-50'	40'-55'	Moderate	Copper/Yellow	Intermediate	M	M/Inter	Full/Part Shade
<b>* Zelkova (Village Green Japanese)</b>	<b>72"</b>	<b>50'-60'</b>	<b>40'-60'</b>	<b>Moderate</b>	<b>Org/Red/Yellow</b>	<b>High</b>	<b>M</b>	<b>F/Long</b>	<b>Full</b>
Zelkova (Green Vase Japanese)	72"	60'-70'	50'-55'	Moderate	Org/Red/Yellow	High	M	M/Long	Full
Zelkova (Halka Japanese)	72"	60'-70'	35'-45'	Moderate	Org/Red/Yellow	High	M	M/Long	Full
Zelkova (Village Green)	72"	50'-60'	40'-50'	Moderate	Org/Red/Yellow	High	M	M/Long	Full
Zelkova (Musashino Columnar)	48"	40'-45'	10'-15'		Yellow				
Zelkova (Schmidtlow Wireless)	72"	20'-24'	30'-36'		Red				
Zelkova (Wireless)	60"	20'-25'	30'-36'		Red				Full/Part Shade
Zelkova (City Sprite)	48"	20'-24'	15'-18'		Yellow				Full/Part Shade

**NOT RECOMMENDED TREES**

Ash	Pine (Scotch)
Boxelder	Pine (White)
Black Locust	Poplar (Caroline)
Black Walnut	Poplar (Lombardy)
Bradford Pear	Poplar (Silver)
Black Cherry	Poplar (White)
Basswood	Russian-Olive
Birch (White)	Spruce (Blue)
Crabapple (without disease resistance)	Spruce (Norway)
Catalpa	Spruce (Any)
Conifers (Any)	Tree of Heaven (Ailanthus)
Cottonwood	Willows (Any)
Elm (American)	Any weeping or pendulous branches
Elm (Chinese)	Nut-bearing trees
Elm (Siberian)	Mountain Ash
Ginkgo (Female)	Maple (Silver)
Mulberry	Osage-Orange

\*A transplanted tree draws all of its moisture from the root ball for the first few months. The root ball can dry out in a few days though surrounding soils remain moist.

\*Studies have show that height growth of transplanted trees may triple if a turf free area as small as 2ft by 2ft is left around the base. If the turf free area is approximately 10ft by 20ft, the height growth may increase by as much as six times the height of the same tree with turf growing up to the base of the tree.

\*A transplanted tree takes about one year for every inch of trunk diameter. A smaller tree will establish quickly and grow rapidly enough to catch up to a larger tree, which struggles longer to replace its larger root system and grows slowly.

\*Research has shown that an 8ft circle of mulch properly applied under young trees can quadruple tree root densities when compared young trees growing with turfgrass competition and no mulch.