

West St. Paul Tree List

Common Name <i>Botanical name</i> 'Cultivar'	Mature Height	Crown Spread	Form	Growth Rate	Utilities	Sun	Hard-ness Zone	Life Expec-tancy	Salt Spray	Salt - Soil	Fall Color	Min. Blvd. Width	Comments
Small													
White Fringe Tree- <i>Chionanthus virginicus</i>	20 ft	20 ft.	Rounded	Slow	yes	Full Sun to Partial	4	Med.	Tol.	Tol.	Yellow	4'	Adaptable to both dry and wet soils and highly tolerant to pollution. Must trim to single stem.
Serviceberry- <i>Amelanchier</i> 'Autumn Brilliance'	25 ft	20 ft.	Oval		yes	Full Sun	3	Med	Mod.	Tol.	Brick red	3'-4'	Showy white flowers in spring, beautiful fall colors, must prune or purchase single stem.
Redbud- <i>Cercis canadensis</i> 'Minnesota Strain'	25 ft	30 ft	Rounded	Mod	yes	Full Sun to Partial	4	Long	Mod.	Tol.	Red	4'	Purchase single stem. Forest green foliage which emerges burgundy in spring. Can be susceptible to disease.
Crabapple- <i>malus</i> numerous 'cultivars' see comments.	25 ft.	20 ft.	Varies	Mod	yes	Full Sun	3	Long	Mod.	Tol.	Yellow	3'-4'	Numerous cultivars that keep their fruit include 'Donald Wyman' 'Red Jewel' 'Prairifire' 'Royal Raindrops' 'Adams'
Plum- <i>Prunus Nigra</i> 'Princess Kay'	25 ft	10 ft.	Oval	Fast	yes	Full Sun	2	Med	Tol.	Tol.	Yellow	3'	Listed under U of M hardy. Produces no fruit with double white flowers.
Corktree- <i>Phellodendron amurense</i> 'His Majesty'	40 ft.	35 ft.	Oval	Mod	Incomp.	Full Sun	3	Med.	Tol.	Tol.	Yellow		Cultivar listed U of M Hardy. Dark green pointy compound leaves and cork-like bark.
Ironwood- <i>Ostrya virginiana</i>	40 ft.	40 ft.	Pyramidal to Round	Mod.	Incomp.	Partial to Shade	3	Long	Sens.	Sens.	Yellow	3'	Highly shade tolerant, good medium sized tree. Can retain dried brown leaves in winter.
American Hornbeam- aka Blue Beech <i>Carpinus caroliniana</i>	30 ft.	20 ft.	Rounded	Slow	Incomp.	Full Sun to Shade	3	Long	Mod.	Mod.	Orange	3'	Leaves may persist into winter, no serious insect or disease problems
Elm- <i>Ulmus</i> 'New Horizon'	30-40 ft	15-25 ft	Pyramidal	Fast	Incomp.	Full Sun	4	Long	Tol.	Tol.	Rusty red tint	3'	High resistance to Dutch Elm disease
Columnar Hackberry- <i>Celtis occidentalis</i> 'Prairie Sentinel'	45 ft	12 ft	Almost verticle	Slow	Incomp.	Full Sun	4	Long	Tol.	Tol.	Yellow	3'	Has interesting warty grey bark. Makes an excellent street or accent tree.
American Yellowwood- <i>Cladrastis kentukea</i>	30-40 ft	30 ft.	Round to Oval	Mod.	Incomp.	Full Sun	4	Long	Tol.	Tol.	Yellow	3'	Purchase the male tree to avoid messy fruit.

Honeylocust-Gleditsia 'Sunburst'	40ft	25 ft	Round to Oval	Fast	Incomp.	Ful Sun	4	Long	Tol.	Tol.	Yellow	3'		Delicate, Ferny appearance and seedless.
Honeylocust 'Imperial'	35 ft	30 ft	Round	Fast	Incomp.	Full Sun	4	Long	Tol.	Tol.	Yellow	3'		Seedless variety, adaptable to moist and dry soils.
First Editions Matador Maple-Acer x freemanii 'Bailston'	45 ft	30 ft	Oval	Fast	Incomp.	Full Sun	4	Long	Tol.	Tol.	Red	3'		Red fall color holds for a long time before leaves fall. Gray bark and red branches add interest.
Bur oak-Quercus macrocarpa	60 ft.	70 ft.	Round	Slow	Incomp.	Full to Partial	2	Long	Mod.	Tol.	Yellow	4'		Requires little pruning. Fall drop of acorns. Longest living tree in MN.
Northern Red Oak-Quercus rubra	70 ft	70 ft.	Pyramidal	Med	Incomp.	Full Sun	4	Long	Mod.	Tol.	Red	4'		Fast growing for an Oak.
Common Name Botanical Name 'Cultivar'	Mature Height	Crown Spread	Form	Growth Rate	Utilities	Sun	Hard-ness Zone	Life Expec-tancy	Salt Spray	Salt - Soil	Fall Color	Min. Blvd. Width		Comments
White Oak-Quercus alba	70 ft	60 ft.	Rounded	Slow	Incomp.	Full Sun	3	Long	Mod.	Tol.	Orange-red	4'		Stately tree with good fall color.
Northern Pin Oak-Quercus ellipsoidalis 'Magestic Skies'	60 ft.	45 ft.	Oval	Med.	Incomp.	Full Sun to Partial	3	Long	Mod.	Mod.	Red	4'		This variety produces straighter branching and more symmetrical shape.
Red Maple-Acer rubrum 'Autumn Spire' 'Northwood'	50 ft.	35 ft.	Oval	Mod.	Incomp.	Full to Partial	3	Short to Med.	Mod.	Mod.	Red to Orange	4'		Cultivars listed U of M Hardy
Maple- Acer x freemanii 'Autumn Blaze' 'Firefall'	50 ft.	40 ft.	Oval	fast	Incomp.	Full to Partial	4	Med.	Mod.	Mod.	Orange-Red	4'		Cross between red and silver maple.
River Birch-Betula nigra	50 ft.	40 ft.	Rounded	Fast	Incomp.	Full Sun to Partial	4	Long	Mod.	Tol.	Yellow	4'		Must purchase single stem. Valued for its stunning bark and good fall color.
Kentucky Coffeetree-Gymnocladus dioica 'Espresso' 'Stately Manor'	60 ft.	40 ft.	Oval	Slow	Incomp.	Full Sun	4	Long	Tol.	Mod.	Yellow	4'		Seedless varieties only. No serious insect or disease problems.
Ginkgo 'Autumn Gold' 'Magyar'	50 ft.	40 ft.	Pyramidal	Slow	Incomp.	Full Sun	4	Long	Tol.	Tol.	Yellow	4'		Good disease and insect resistance. Plant male only trees.
Honeylocust- Gleditsia 'Skyline'	50 ft.	35 ft.	Round	Fast	Incomp.	Full Sun	4	Med.	Tol.	Tol.	Yellow	4'		Bright, golden fall color, drought tolerant.
Honeylocust-Gleditsia 'Shademaster'	60 ft.	40 ft.	Round	Fast	Incomp.	Full	4	Med.	Tol.	Tol.	Yellow	4'		Light textured foliage.

American Linden- <i>Tilia</i> 'Sentry'	50 ft.	25 ft	Columnnar	Fast	Incomp.	Full Sun	4	Long	Tol.	Mod.	Gold	3'	Good choice for attracting bees, no significant negative characteristics.
Linden <i>Tilia</i> 'Boulevard'	60 ft.	30 ft.	Oval	Mod.	Incomp.	Full Sun to	3	Med.	Sens.	Mod.	Yellow	4'	Narrower, shorter Linden.
Northern Catalpa	50 ft.	35 ft.	Oval	Mod.	Incomp.	Full Sun	4	Med.	Tol.	Mod.	Yellow	4'	Large seed pod. Attractive flowers.
Elm- <i>Ulmus</i> 'New Horizon'	50-60 ft	30-40 ft	Vase	Fast	Incomp.	Full Sun	4	Med.	Mod.	Mod.	Yellow	4'	Rapid growth. Appears similar to the American Elm.
Accolade Elm- <i>Ulmus</i> 'Morton'	60 ft.	40ft.	Vase	Fast	Incomp.	Full Sun	4	Long	Tol.	Tol.	Gold	4'	Resistent to Dutch Elm disease and adaptable to adverse conditions.
Species	Mature Height	Crown Spread	Form	Growth Rate	Utilities	Sun	Hard-ness Zone	Life Expec-tancy	Salt Spray	Salt - Soil	Fall Color	Min. Blvd. Width	Comments
Elm- <i>ulmus americana</i> 'Princeton'	50-70 ft	30-40 ft	Vase	Fast	Incomp.	Full Sun	4	Long	Tol.	Tol.	Yellow	4'	Shows high resistance to Dutch Elm disease. Tolerant of urban
Common Hackberry- <i>Celtis occidentalis</i>	70 ft	50 ft	Rounded	Slow	Incomp.	Full Sun	3	Long	Tol.	Tol.	Yellow	4'	Good choice for attracting birds and thrives in inner city environments

Species = Small (Under 30' as a mature height), Medium (30' - 50'), Large (50' +).

Mature Height = These vary with climate zones. The ones listed attempt to reflect this zone. Species = Small (Under 30' as a mature height), Medium (30' - 50'), Large (50' +).

Crown Spread = Roughly the mature diameter of the branch reach.

Form = See diagram below.

Growth Rate = Relative to the growth of other trees.

Utilities = Compatibility with over-head utility lines. Most lines must maintain a clearance of 13 feet, so trees with mature heights of over 25 feet are typically considered incompatible.

Sun = This refers to shade tolerance or best growth conditions in terms of sunlight. Partial means part sun, part shade.

Hardiness Zone = USDA Climatic Plant Hardiness Zone. Twin Cities is considered Zone 4 or borderline Zone 3. All trees listed are hardy for our area.

Life Expectancy = Since the extremely adverse conditions that street trees are subjected to can greatly shorten the life of any tree, this characteristic is more reflective of natural conditions. Short = Under 70 years; Medium = 70-80 and Long = 90-100.

Salt Spray = The tree's tolerance to road salt spray on the foliage and branch tissues. Sensitive, Moderately Tolerant, or Tolerant.

Salt Soil = The tree's tolerance to road salt in the soil. Sensitive, Moderately Tolerant, or Tolerant.

Fall Color = Obvious

Minimum Boulevard Width = This is only a recommendation to consider the growing space needed for the stem and root flare. It does not count for soil space requirements of the tree or for the possible disruption area caused by surfacing roots.

April 2021



Native to MN	
no	
yes	
yes	
yes	
yes	
no	
yes	
no	
no	
yes	
no	

yes	
yes	
no	
yes	
yes	
Native	
yes	
yes	
yes	
yes	
yes	
yes	
no	
yes	
yes	

