

## Moose Can Gully Tree Selection

Sapporo Autumn Gold elm	Large	Cucumber magnolia	Large
Westminster Globe oak	Medium	Magnifica hackberry	Medium
Celebration maple	Medium	Purple beech	Medium
Sargent cherry	Medium	Morgan maple	Medium
Heritage birch	Medium	Red Sunset maple	Medium
Green Mountain silver linden	Medium	Ivory Silk lilac	Small
Oak-leaf mountainash	Medium	Skyline honeylocust	Medium
Pacific Sunset maple	Medium	Prairie Fire crabapple	Small
Crescendo sugar maple	Small	American hophornbeam	Small

Street	Species 1	Species 2	Species 3	Species 4	Species 5
<b>Area 1</b>					
Hillview Way	Purple beech	Sapporo Autumn Gold elm	Celebration maple	Magnifica hackberry	Dura-heat birch
Shadow Lane	Constellation dogwood	Heritage birch	Sapporo Autumn Gold elm		
Street 1	Constellation dogwood	Sargent cherry	Purple beech		
Street 2	Heritage birch	Sapporo Autumn Gold elm	Crescendo maple		
<b>Area 2</b>					
Hillview Way S/of 55th Street	Magnifica hackberry	Westminster Globe maple	Prairie Fire crabapple	Celebration maple	Skyline honeylocust
Gharrett Avenue S/of 55th Street	Pacific Sunset maple	Celebration maple	Cucumber magnolia	Constellation dogwood	
Alliance Way	Constellation dogwood	Magnifica hackberry	Sargent cherry		
Hillview Court	Constellation dogwood	Magnifica hackberry	Sargent cherry		
Sunview Drive	Heritage birch	Westminster Globe maple	Constellation dogwood		
Longview Drive	Duraheat birch	Purple beech	Sargent cherry		
Southridge Drive	American hophornbeam	Heritage birch	Oakleaf mountainash		
Mainview Drive	Red Sunset maple	American hophornbeam	Ivory Silk lilac		
Grandview Drive	Prairie Fire crabapple	Heritage birch	American hophornbeam		
Area 2 Courts	Purple beech	Magnifica hackberry	Duraheat birch	Red Sunset maple	Skyline honeylocust
<b>Area 3</b>					
23rd Street Clearview to Highwood	Crescendo sugar maple	Heritage birch	Westminster Globe oak		
23rd Street Highwood to Foothills	American hophornbeam	Prairie Fire crabapple	Constellation dogwood		
23rd Street Foothills to 55th					
Street/Hillview Way	Sargent cherry	Green Mountain linden	Constellation dogwood		
Courts off 23rd Street	Crescendo sugar maple	Prairie Fire crabapple	Oakleaf mountainash	Constellation dogwood	Skyline honeylocust
Garland Drive	Use South 39th Neighborhood species				
Clearview Way Garland Drive to Hillview Way	Sapporo Autumn Gold elm	Sargent cherry	Southwest white pine	Skyline honeylocust	
Courts off of Clearview Way	Constellation dogwood	Sargent cherry	American hophornbeam	Skyline honeylocust	
<b>Area 4</b>					
Gharrett Avenue Arcadia Drive to 55th Street, West Side	Crescendo sugar maple	American hophornbeam	Heritage Birch		
Gharrett Avenue Arcadia Drive to 55th Street, East Side	Celebration maple	Heritage birch	American hophornbeam		
Southhills Drive	Duraheat birch	Oakleaf Mountainash	Cucumber magnolia		
Valleyview Drive	Sapporo Autumn Gold elm	American hophornbeam	Westminster Globe oak		
Highwood Drive	Oakleaf Mountainash	Ivory Silk lilac	Sargent cherry		
Kinikinick Court	Purple beech	Cucumber magnolia	Sapporo Autumn Gold elm		
Meadowlark Court	American hophornbeam	Sargent cherry	Oakleaf mountainash		
Blackthorn Drive	Westminster Globe oak	American hophornbeam	Constellation dogwood		
Courts off of Gharrett Avenue	Sargent cherry	American hophornbeam	Sapporo Autumn Gold elm	Heritage birch	Oakleaf mountainash
Country Club Lane	Crescendo sugar maple	Constellation dogwood	Heritage Birch	Skyline honeylocust	
Courts off of Country Club Lane	Duraheat birch	Oakleaf Mountainash	Skyline honeylocust	Ivory Silk lilac	Cucumber magnolia

## Riverfront Tree Selection

Green Mountain maple	Large	Western larch	Large
Westminster Globe oak	Medium	Autumn Gold ginkgo	Medium
Pacific Sunset maple	Medium	Sugar Tyme crabapple	Small
Skyline honeylocust	Medium	Accolade cherry	Small
Rocky Mountain Glow maple	Small	Ivory Silk lilac	Small
Prairie Fire crabapple	Small	Crescendo sugar maple	Small

Street	Species 1	Species 2	Species 3	Species 4
Russell Street	Western larch	Accolade cherry	Pacific Sunset maple	Crescendo sugar maple
Orange Street	Ivory Silk lilac	Rocky Mountain Glow maple	Crescendo sugar maple	Accolade cherry
South 3rd Street West to South 6th Street West, Bitterroot Branch to Orange Street	Western larch	Autumn Gold ginkgo	Skyline honeylocust	Green Mountain sugar maple
South 3rd Street West to South 6th Street West, Bitterroot Branch to Russell Street	Western larch	Green Mountain sugar maple	Rocky Mountain Glow maple	Westminster Globe oak
North of South 3rd Street West, Bitterroot Branch to Orange Street	Western larch	Skyline honeylocust	Crescendo sugar maple	Green Mountain sugar maple
North of South 3rd Street West, Bitterroot Branch to Russell Street	Western larch	Ivory Silk lilac	Sugar Tyme crabapple	Westminster Globe oak

## Rose Park Tree Selection

Accolade elm	Large	Marmo maple	Large
Cucumber magnolia	Large	Bur oak	Large
Green Mountain maple	Large	Bloodgood sycamore	Large
Sargent cherry	Medium	Red Horsechestnut	Medium
European hornbeam	Medium	American hophornbeam	Medium
American linden	Medium	Red maple	Medium
Autumn Gold ginkgo	Medium	Winter King hawthorn	Small
Tartarian maple	Small	Prairie Fire crabapple	Small
Summer Snow lilac	Small	Accolade cherry	Small

Street	Species 1	Species 2	Species 3	Species 4
<b>Slant Streets NE to SW</b>				
Hill Street	Red Horsechestnut	European hornbeam	Bur oak	Winter King hawthorn
Ford Street	Marmo maple	Accolade elm	Autumn Gold ginkgo	Tartarian maple
Plymouth Street	American hophornbeam	Bur oak	Tartarian maple	American linden
Blaine Street	Marmo maple	Bur oak	Red horsechestnut	Winter King hawthorn
Brooks	Accolade elm	Red maple	Bur oak	Tartarian maple
Woodford Street	Bur oak	Accolade elm	Autumn Gold ginkgo	Prairie Fire crabapple
Edith	Marmo maple	Accolade elm	Sargent cherry	European hophornbeam
Stephens	Accolade elm	Red maple	Bamerican linden	Winter King hawthorn
Rollins	Marmo maple	Accolade elm	American hophornbeam	Tartarian maple
Cleveland	Bur oak	Accolade elm	Autumn Gold ginkgo	Prairie Fire crabapple
Longstaff	Marmo maple	Bur oak	Red horsechestnut	Winter King hawthorn
Marshall	American hophornbeam	Bur oak	Bloodgood sycamore	Prairie Fire crabapple
Kern	Red Horsechestnut	European hornbeam	Bloodgood sycamore	Tartarian maple
<b>Slant Streets NW to SE</b>				
Roosevelt	Red Horsechestnut	European hornbeam	Accolade elm	Tartarian maple
Tremont	Bur oak	Accolade elm	Sargent cherry	Winter King hawthorn
Florence	Marmo maple	Bur oak	Red maple	Red horsechestnut
Crosby	Red Horsechestnut	European hornbeam	Marmo maple	Cucumber magnolia
Beckwith	Accolade elm	Red maple	American linden	Tartarian maple
Franklin	Bur oak	Accolade elm	American hophornbeam	Winter King hawthorn
Bickford	Red Horsechestnut	European hornbeam	Bloodgood sycamore	Tartarian maple
Addison	Marmo maple	Bur oak	Red horsechestnut	Winter King hawthorn
Harlem	Bur oak	Accolade elm	European hophornbeam	Prairie Fire crabapple
Knowles	Marmo maple	Bur oak	Red horsechestnut	Tartarian maple
Lawrence	European hornbeam	Sargent cherry	Bloodgood sycamore	Prairie Fire crabapple
<b>Boundary Streets</b>				
Ash	Red maple	Sargent cherry		
Ivy	Red maple	Sargent cherry		
Sixth	Accolade elm	Marmo maple		
Higgins	Accolade elm	Marmo maple		
Mount	Accolade elm	Marmo maple		
Russell	Accolade elm	Marmo maple		
<b>Grid Streets</b>				
Mount	Accolade elm	Marmo maple	Red horsechestnut	Tartarian maple
Burlington	Tartarian maple	American linden	Sargent cherry	European hophornbeam
Strand	Red maple	Accolade cherry	Red horsechestnut	European hophornbeam
Kensington	Sargent cherry	Summer Snow lilac	Red horsechestnut	American linden
North	Accolade elm	American linden	Autumn Gold ginkgo	Winter King hawthorn
Kent	Tartarian maple	American linden	Sargent cherry	Winter King hawthorn
Central	Tartarian maple	Prairie Fire crabapple	Sargent cherry	European hophornbeam
Sussex	Accolade elm	Marmo maple	Autumn Gold ginkgo	Winter King hawthorn
South	Pairie Fire crabapple	Summer Snow lilac	Cucumber magnolia	Red maple
Bancroft	Summer Snow lilac	Tartarian maple	Green Mountain sugar maple	Red horsechestnut
Queen	Accolade elm	American linden	Autumn Gold ginkgo	
Hollis	Red maple	Accolade cherry	Sargent cherry	American hophornbeam
Higgins	Accolade elm	Red maple	Green Mountain sugar maple	Red horsechestnut

**Commercial Section**

Mount	Accolade elm	Marmo maple
Burlington	Prairie Fire crabapple	Summer Snow lilac
Strand	Prairie Fire crabapple	Summer Snow lilac
Kensington	Prairie Fire crabapple	Summer Snow lilac
North	Summer Snow lilac	Tartarian maple
Kent	Prairie Fire crabapple	Summer Snow lilac
Central	Red Horsechestnut	Accolade cherry
W Sussex	Prairie Fire crabapple	Summer Snow lilac
South	Red Horsechestnut	American linden
Oxford	Red Horsechestnut	American linden
Regent	Red Horsechestnut	American linden
Stephens	Accolade elm	Red maple
Holborn	No trees	
Bow	Bur oak	Accolade elm
Bancroft	No trees	
Brooks	Prairie Fire crabapple	Summer Snow lilac

## South 39th Street Tree Selection

Green Mountain maple	Large	Western larch	Large
Westminster Globe oak	Medium	Autumn Gold ginkgo	Medium
Pacific Sunset maple	Medium	Sugar Tyme crabapple	Small
Skyline honeylocust	Medium	Accolade cherry	Small
Rocky Mountain Glow maple	Small	Ivory Silk lilac	Small
Prairie Fire crabapple	Small	Crescendo sugar maple	Small

### Street

### Species 1

### Species 2

#### Area 1

Hillview Way	Rocky Mountain Maple	Prairie Pride Hackberry
Red Rock Pl	English oak	Rocky Mountain Maple
Walden Pl	Turkish Filbert	English oak

#### Area 2

S. 39th Street	Rocky Mountain Maple	Canada red chokecherry
Highway 93 S	Washington hawthorn	Rocky Mountain Maple

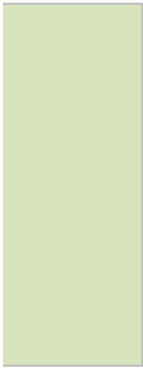
#### Area 3

Cohosset Dr	English oak	Skyline Honeylocust
Wapikiya Dr	Prairie Pride Hackberry	English oak
Locota Dr	LegendAmerican linden	Prairie Pride Hackberry
Briarwood Ln	Robinson crabapple	LegendAmerican linden
Arrowhead Dr	Skyline Honeylocust	Robinson crabapple
Tahoe Dr	English oak	Skyline Honeylocust
Wakonda Ct	Prairie Pride Hackberry	English oak
Saranac Dr	LegendAmerican linden	Prairie Pride Hackberry
Virginia DR	Robinson crabapple	LegendAmerican linden
Lux Dr	Skyline Honeylocust	Robinson crabapple
Pittman Dr	English oak	Skyline Honeylocust

#### Area 4

23rd Ave	Fairmount ginkgo	Washington hawthorn
21st Ave	Western Larch	Fairmount ginkgo
40 St	Snowcloud serviceberry	Western Larch
Larkspur Dr	Prairie Gem pear	Snowcloud serviceberry
Lake Pl	Washington hawthorn	Prairie Gem pear
Barbara Ln	Fairmount ginkgo	Washington hawthorn
Briggs St	Western Larch	Fairmount ginkgo
Briggs Ln	Snowcloud serviceberry	Western Larch
42nd St	Prairie Gem pear	Snowcloud serviceberry
43 St	Washington hawthorn	Prairie Gem pear
Hillside Dr	Fairmount ginkgo	Washington hawthorn

Ardell Ct	Western Larch	Fairmount ginkgo
Cloverdale Dr	Garland Dr	Snowcloud serviceberry
24th Ave		Western Larch
		Snowcloud serviceberry
<b>Area 5</b>		
Gharrett St	Turkish Filbert	Autumn Gold ginkgo
Rainbow Dr	Canada red chokecherry	Turkish Filbert
Reserve St	Saskatoon serviceberry	Canada red chokecherry
Floral Ct/Reserve St	Bur Oak	Saskatoon serviceberry
Arcadia St/Reserve St/ 24	Autumn Gold ginkgo	Bur Oak
Arcadia Dr	Turkish Filbert	Autumn Gold ginkgo
Orchard Ct	Canada red chokecherry	Turkish Filbert
Garland Ct	Saskatoon serviceberry	Canada red chokecherry
Cardinal Ct	Bur Oak	Saskatoon serviceberry
Garland Dr	Autumn Gold ginkgo	Bur Oak
Orchard Ave	Turkish Filbert	Autumn Gold ginkgo
Marthas Ct	Canada red chokecherry	Turkish Filbert
Willow Wood Ct	Saskatoon serviceberry	Canada red chokecherry
Cold Springs Ct	Bur Oak	Saskatoon serviceberry
Price Ct	Autumn Gold ginkgo	Bur Oak
Briggs St	Turkish Filbert	Autumn Gold ginkgo
Weeping Willow Dr	Canada red chokecherry	Turkish Filbert
Unnamed Rd	Saskatoon serviceberry	Canada red chokecherry
Mabelle Ln	Bur Oak	Saskatoon serviceberry



### Species 3

Autumn Gold ginkgo  
Prairie Pride Hackberry  
Rocky Mountain Maple

Snowcloud serviceberry  
Canada red chokecherry

Robinson crabapple  
Skyline Honeylocust  
English oak  
Prairie Pride Hackberry  
LegendAmerican linden  
Robinson crabapple  
Skyline Honeylocust  
English oak  
Prairie Pride Hackberry  
LegendAmerican linden  
Robinson crabapple

Prairie Gem pear  
Washington hawthorn  
Fairmount ginkgo  
Western Larch  
Snowcloud serviceberry  
Prairie Gem pear  
Washington hawthorn  
Fairmount ginkgo  
Western Larch  
Snowcloud serviceberry  
Prairie Gem pear

### Species 4

Turkish Filbert  
Autumn Gold ginkgo  
Prairie Pride Hackberry

Sugar Tyme crabapple  
Snowcloud serviceberry

LegendAmerican linden  
Robinson crabapple  
Skyline Honeylocust  
English oak  
Prairie Pride Hackberry  
LegendAmerican linden  
Robinson crabapple  
Skyline Honeylocust  
English oak  
Prairie Pride Hackberry  
LegendAmerican linden

Snowcloud serviceberry  
Prairie Gem pear  
Washington hawthorn  
Fairmount ginkgo  
Western Larch  
Snowcloud serviceberry  
Prairie Gem pear  
Washington hawthorn  
Fairmount ginkgo  
Western Larch  
Snowcloud serviceberry

### Species 5

English oak  
Turkish Filbert  
Autumn Gold ginkgo

Washington hawthorn  
Sugar Tyme crabapple

Prairie Pride Hackberry  
LegendAmerican linden  
Robinson crabapple  
Skyline Honeylocust  
English oak  
Prairie Pride Hackberry  
LegendAmerican linden  
Robinson crabapple  
Skyline Honeylocust  
English oak  
Prairie Pride Hackberry

Western Larch  
Snowcloud serviceberry  
Prairie Gem pear  
Washington hawthorn  
Fairmount ginkgo  
Western Larch  
Snowcloud serviceberry  
Prairie Gem pear  
Washington hawthorn  
Fairmount ginkgo  
Western Larch

Washington hawthorn	Prairie Gem pear	Snowcloud serviceberry
Fairmount ginkgo	Washington hawthorn	Prairie Gem pear
Western Larch	Fairmount ginkgo	Washington hawthorn
Bur Oak	Saskatoon serviceberry	Canada red chokecherry
Autumn Gold ginkgo	Bur Oak	Saskatoon serviceberry
Turkish Filbert	Autumn Gold ginkgo	Bur Oak
Canada red chokecherry	Turkish Filbert	Autumn Gold ginkgo
Saskatoon serviceberry	Canada red chokecherry	Turkish Filbert
Bur Oak	Saskatoon serviceberry	Canada red chokecherry
Autumn Gold ginkgo	Bur Oak	Saskatoon serviceberry
Turkish Filbert	Autumn Gold ginkgo	Bur Oak
Canada red chokecherry	Turkish Filbert	Autumn Gold ginkgo
Saskatoon serviceberry	Canada red chokecherry	Turkish Filbert
Bur Oak	Saskatoon serviceberry	Canada red chokecherry
Autumn Gold ginkgo	Bur Oak	Saskatoon serviceberry
Turkish Filbert	Autumn Gold ginkgo	Bur Oak
Canada red chokecherry	Turkish Filbert	Autumn Gold ginkgo
Saskatoon serviceberry	Canada red chokecherry	Turkish Filbert
Bur Oak	Saskatoon serviceberry	Canada red chokecherry
Autumn Gold ginkgo	Bur Oak	Saskatoon serviceberry
Turkish Filbert	Autumn Gold ginkgo	Bur Oak
Canada red chokecherry	Turkish Filbert	Autumn Gold ginkgo



### Southgate Triangle Tree Selection

Scarlet oak	Large	Ponderosa pine	Large
Cucumber magnolia	Large	Swamp white oak	Large
Sugar maple	Large	Purple beech	Medium
Autumn Gold ginkgo	Medium	Red maple	Medium
Silver linden	Medium	Stellar Pink dogwood	Small

Street	Species 1	Species 2	Species 3	Species 4	Species 5	Alternate 1	Alternate 2
39th Street	Cucumber magnolia	Swamp white oak	Autumn Gold ginkgo	Sugar maple	Summer Snow lilac	Silver linden	Stellar Pink dogwood
Russell Street	Scarlet oak	Ponderosa pine	Silver linden	Purple beech	Steller Pink dogwood	Autumn Gold ginkgo	Accolade cherry
Railroad Tracks	Scarlet oak	Cucumber magnolia	Silver linden	Autumn Gold ginkgo	Steller Pink dogwood	Purple beech	Stellar Pink dogwood
Brooks Street	Cucumber magnolia	Swamp white oak	Purple beech	Autumn Gold ginkgo	Accolade cherry	Red maple	Summer Snow lilac
Paxson Street	Scarlet oak	Ponderosa pine	Silver linden	Red maple	Summer Snow lilac	Red maple	Stellar Pink dogwood
McDonald to 39th Streets	E&W						
Streets	Cucumber magnolia	Swamp white oak	Autumn Gold ginkgo	Red maple	Summer Snow lilac	Silver linden	Stellar Pink dogwood
Brooks Street to 39th Street	N&S						
Streets	Scarlet oak	Ponderosa pine	Silver linden	Purple beech	Steller Pink dogwood	Swamp white oak	Autumn Gold ginkgo
Russell Street to Railroad	N&S						
Streets	Swamp white oak	Ponderosa pine	Silver linden	Purple beech	Steller Pink dogwood	Sugar maple	Accolade cherry
McDonald Street to South Avenue							
E&W Streets	Swamp white oak	Cucumber magnolia	Purple beech	Silver linden	Steller Pink dogwood	Scarlet oak	Accolade cherry
South Avenue to Ronan Street	E&W						
Streets	Sugar maple	Swamp white oak	Purple beech	Silver linden	Steller Pink dogwood	Summer Snow lilac	Autumn Gold ginkgo

## **Background:**

The University District, like several of the other older districts in town, is usually associated with a predominance of large Norway maples in the boulevards. However, while these large trees dominate the boulevards from Woodworth to Fourth Avenues, one also finds a far more eclectic selection of trees in the boulevards south of Woodworth, including diverse species of large and small trees, flowering trees and shrubs, and conifers.

There is wide variance in health of the Norway maple population, depending on age and consistency of care (mostly in the form of watering). However, most are nearing the end of their lives and will require removal in the next three to four decades. This provides the impetus for this plan, which will outline general guidelines for species and site selection and the accompanying University Area Tree Selection list.

Our committee acknowledges that most of the residences in Missoula will change ownership and use over the next several decades, requiring great flexibility for selection of trees in the future. Climate conditions, personal taste and anticipated amount of care by the proximal resident will all affect the selection process. Thus, we have developed a plan and list, which will be, at very least, a small move toward maximum flexibility to meet these needs and personal desires.

## **Rationale for plan:**

1. Consider the planter width required for any newly planted tree. This will depend on constraints of the boulevard width for any given street. Typically, east-west streets from Hastings to South Avenues have monolithic sidewalks with 80 feet of city right of way, allowing approximately 12-15 feet of planting space. Streets north of Hastings have curbs separated from the sidewalk, mostly with 8-12 feet of planting space.

Streets oriented in the north-south direction north of Beverly Avenue have 8-10 feet of space between sidewalk and curb. A mixture of monolithic and separated sidewalks are found between Daly and Beverly Avenues. Beverly to South Avenues have exclusively monolithic sidewalks, again with 12 to 15 feet of planting space.

2. Overhead wires are the other major consideration in suitability of any newly planted tree for any given space. Power lines of approximately 25 feet in height run on the east sides of Higgins, Hilda and Arthur Avenues. They are also seen sporadically as feeders to street lights and bridging alleys.
3. We recognize that many of the Norway maples from Woodworth to the north will need to be removed in the next few decades and will be replaced with saplings. Initially small, the replacements will take two decades to reach any significant size even with optimal care. However, we recognize the predominantly large size of the boulevard trees these will replace and recommend replacing them with a diverse array of large trees which fit the selection criteria dictated by planting space and presence of overhead power lines at the planting site. We recommend that these all be **medium to large trees** except as special circumstances dictate.

We also note that the eclectic array of trees in the area south (including east of Arthur) of Woodworth would, by boulevard width, allow the planting of any size tree in most sites. We elect to preserve this variety of choices for future homeowners in this area by providing a more **diverse selection to choose from, including large, small and ornamental trees.**

4. Within the limits of these size and siting considerations, as well as species, genus, and family guidelines, we believe that residents should be given maximum freedom to select the trees

which will be proximal to their properties. We hope that the resulting pleasure and sense of ownership will motivate residents to give the trees optimal care, at least in the trees' most critical early years.

***Plan:***

**Woodworth and north (including east of Arthur Avenue):**

Allow planting any trees of **medium to large** size selected from the University Neighborhood tree list, dependent on site's boulevard width and presence or absence of power lines. We recommend allowing related cultivars of the selected species on the Missoula Urban Forest Approved Tree List if they satisfy drought tolerance and disease resistance and are chosen within guidelines of allowed percentages of species, genus and family.

**South of Woodworth (including east of Arthur Avenue):**

Allow the planting of **any trees** on the University Neighborhood tree list as well as any cultivars of these species on Missoula Urban Forest Approved Tree List, which satisfy drought tolerance and disease resistance. Those allowed should also be limited by allowed percentages of species, genus and family and observe boulevard width and power line constraints where necessary.

Common Name Scientific Name	Height	Spread	Shade Area at 15 Years	Growth Rate	Rooting Depth	Minimum Planter Width	Optimum Spacing	Swale Suitable	Description
Crescendo' sugar maple <i>Acer saccharum</i> 'Morton'	25' – 30'	25' – 30'		Slow	Medium	5'	25'	No	Excellent heat and drought tolerance. Good branch structure. Prefers well-draining soils for optimal growth. Good Fall color.
Rocky Mtn. Glow maple <i>Acer grandidentatum</i> 'Schmidt'	30'	20' - 25'		Slow	Deep	3'	20' - 25'	No	Small round headed shade tree for areas of restricted space. Iridescent reddish orange fall color. Drought tolerant when established.
Green hawthorn <i>Crataegus viridis</i> 'Winter King'	20' – 35'	25' – 35'		Medium	Medium	4'	20' – 25'		Silver bark and few thorns. Less susceptible to cedar-hawthorn rust.
Spring Snow crabapple <i>Malus</i> 'Spring Snow'	20' – 25'	15' - 20'		Moderate	Medium	5'	20'	Yes	Small ornamental tree for restricted areas. Highly susceptible to apple scab. Very little fruit. Yellow-red fall color. Can sucker if apple rootstock is used. Swales must drain well.
Autumn Fantasy maple <i>Acer X freemanii</i> Autumn Fantasy' ('DTR 102')	40' – 50'	40'	452 SF	Moderate – Fast	Shallow – Medium	8'	40'	Yes	Better than 'Autumn Blaze', but with wider branch angles. Fast grower with a broad canopy. Developmental pruning is needed to minimize included bark. Susceptible to freeze damage on young twigs in cold pockets.
Frontier elm <i>Ulmus</i> 'Frontier'	40' – 50'	30' – 35'	452 SF	Fast	Shallow – Medium	10'	30' – 35'	No	Vase shaped hybrid with red fall color. Moderate resistance to elm leaf beetle. Prefers moist soil. Developmental pruning needed to maintain a good branch structure. The vase shape may be a problem under heavy snow or ice loads.
Magnifica hackberry <i>Celtis occidentalis X laevigata</i> 'Magnifica'	50'	40'	706 SF	Moderate	Shallow – Medium	10'	35'	Yes	This hybrid species is better adapted to street tree use than its parents, common hackberry ( <i>Celtis occidentalis</i> ) and sugarberry ( <i>Celtis laevigata</i> ). It can be used in swales. Salt tolerant.
Fairmount ginkgo <i>Ginkgo biloba</i> 'Fairmount'	45' – 60'	30'	176 SF	Slow – Moderate	Medium	8'	30'	No	Narrow canopy tree with good branch angles. Good Fall coloration. The tree can grow tall. NEVER plant field seedlings! It could be a female with rancid smelling fruit. ALWAYS select a named male cultivar!
Halka ginkgo <i>Ginkgo biloba</i> 'Halka'	45' – 50'	30'	176 SF	Slow – Moderate	Medium	8'	30'	No	Narrow canopy tree with good branch angles. Good Fall coloration. The tree can grow tall. NEVER plant field seedlings! It could be a female with rancid smelling fruit. ALWAYS select a named male cultivar!
Sargent cherry <i>Prunus sargentii</i>	40' – 50'	35' – 45'	452 SF	Moderate	Shallow – Medium	10' – 12'	35'	No	Beautiful Spring blossoms, followed by small purple drupe in early Summer. Developmental pruning needed to establish a good branch structure. Use where the drupe fruit will not cause problems. Will not tolerate wet soils.
Silver linden <i>Tilia tomentosa</i>	50' – 70'	30' – 45'	452 SF	Moderate	Medium	8' – 10'	40'	No	Large headed shade tree. Tolerates moist soil, if it drains. Silver underside of leaves shimmer in the wind.
Legend Linden	45' – 55'	30' – 40'	314 SF	Moderate	Medium	8'	35'	No	Broadly pyramidal with a distinct central leader. Leaves hold green color all Summer. Developmental pruning needed to maintain the central leader
Beech 'Purple' ('Riversii')	45' – 55'	35' – 45'	254 SF	Slow – Moderate	Shallow	10' – 12'	35'		Very deep purple color in Spring. Developmental pruning needed to establish a good branch structure. Spring, changing to purple-green in the Summer

'Dura-Heat' ( 'BNMTF' ) River Birch	35' – 50'		615 SF	Fast – Moderate	Shallow – Medium	10'	35'	Yes	This species is resistant to bronze birch borer. While river birch tolerates wet conditions, they also tolerate dry Summer conditions. Very interesting bark. Aphids can be a problem at times. Like black alder, the wood can be brittle, requiring periodic pruning to maintain canopy structure
Bonfire sugar maple <i>Acer saccharum</i> 'Bonfire'	50' – 65'	40' – 50'	615 SF	Moderate – Fast		8' – 10'	35' – 40'	No	More tolerant of heat. Irregular branching pattern needs developmental pruning. Fall color listed at brilliant red.
Red Maple 'Northwood'	40' – 60'	35'	452 SF	Moderate – Fast	Shallow – Medium	8'	35'	Yes	Good cold tolerance. Better branch structure. Developmental pruning needed to maintain a good branch structure. Excellent Fall color.
Cucumbertree magnolia <i>Magnolia acuminata</i>	50' – 80'	50' – 60'	706 SF	Fast	Shallow – Medium	10' – 12'	35' – 40'	No	Prefers deep, well draining soils. Plant in the early Spring. Can produce fruit on some trees. Prune after blossom.
Sycamore <i>Platanus occidentalis</i>	50' – 85'	35' – 50'	491 SF	Moderate	Medium	10' – 12'	40'	Yes	Tolerates wet conditions and salty run-off. Well draining soils needed. Anthracnose can be a problem. Debris can be a problem. Fuzz on leaves can make people sneeze.
Scarlet Oak <i>Quercus coccinea</i>	70' – 75'	40' – 50'	706 SF	Moderate	Medium	10' – 12'	40'	No	Best Fall color of all oaks. Leaves persist through the Winter as a juvenile tree. Prefers sandy soils. Produces an acorn crop every other year. Subject to aphid infestations. Developmental pruning is required to establish a good branch structure.
Sapporo Autumn Gold Elm <i>Ulmus</i> 'Sapporo Autumn Gold'	60' – 60'	40' – 45'	452 SF	Moderate	Shallow- Medium	10' – 12'	35' – 40'	No	High resistance to Dutch elm disease. Resistant to elm leaf beetle feeding. Distinct V-shaped canopy. Developmental pruning needed to establish a good branch structure. Prefers well-draining soils.
Bur Oak <i>Quercus macrocarpa</i>	70' – 80'	70' – 80'	314 SF	Slow – Moderate	Medium	10' – 12'	40'	No	Very large oak tolerant of most urban conditions. Will tolerate wet soils in the Spring if they eventually drain. Produces an acorn crop every year. Acorns can be up to 1-inch in diameter and 1-1/2 inch long. Needs developmental pruning.