TOWN OF MEAD LIST OF APPROVED LANDSCAPE MATERIALS

January, 2021

The following approved materials list applies to all Town of Mead related improvements per Sections 33 47 00 in Appendix A of the Town of Mead **Design Standards and Construction Specifications**:

Proposed substitutes to the following specific brands and/or models shall be submitted to the Town of Mead in writing with all necessary technical information needed for analysis. A written approval from the Town of substitute is REQUIRED for all products.

CONCRETE BIKE PATHS, BRIDGES AND UNDERPASSES

- 1. Control joints: Zip strip or saw cut.
- 2. Expansion joints: pre-formed compressible bituminous fiber Type M-213, ½" thick with removable 'void cap' to create ½" reveal for sealant. Sealant to be Tremco "Tremflex 834, Pecora "unicrylic +60, or Sonolastic "Sonolac".
- 3. Bridge decking: concrete or 2"x8" IPE Ironwood. Decks must be designed with ability to easily replace individual deck boards.
- 4. Underpass Lighting:
 - a. LED type Cooper Lighting Model FCC-S-2-3750-7-40-120-82/87-ED-SF3- VRSD
- 5. Root Barrier: Deep Root S24" barrier.
- 6. Underpass Pavement Markings: Yellow paint 4" wide solid line at blind corners and through underpasses as approved by City staff.

GRADING AND FINE GRADING

1. Soil Amendment: Premium 3 by A-1 Organics composted aspen humus or other amendments certified as Class I or Class II by Rocky Mountain Organics Council.

IRRIGATION

- 1. Irrigation Heads: Hunter
 - a. All heads to be installed with Hunter SJ or HSJ Swing Joint
 - b. ½" Inlet
 - 1. PRO-SPRAY PRS40 bodies
 - 2. MP Rotator Nozzles
 - c. ¾" Inlet
 - 1. I-20 (plastic riser) factory check valve installed
 - d. 1" Inlet
 - 1. I-25 (plastic riser), factory check valve installed
 - 2. I-40, factory check valve installed
 - 3. I-40-ON, factory check valve installed
 - 4. I-90, factory check valve installed
- 2. Controllers: Rain Master
 - a. Eagle Plus 2 wire system, wall or pedestal mount
 - b. All wire in the system must be certified by Irritrol, part numbers EV-CAB-COM, EV-CAB-SH-COM, EV-CAB-SEN
 - c. Permanently mounted PRO MAX receiver
 - d. Irritrol flow sensor FS-B100, 125,150, 200, 250 or FS-150, 200, 300, 400
 - e. Weather station RM-WETHR-ETRS may be required at the Town's sole discretion
- 3. Valves: Irritrol
 - a. 100 series for domestic water supply

- b. 102 series for raw water supply
- 4. Backflow Device: FEBCO
 - a. 2" or smaller use 825YA model
 - b. Larger than 2" use LF880V
- 5. Backflow Enclosure: Guard Shack
 - a. S.S. Hinged Model
 - b. S.S. Tall Hinged Model
 - c. S.S. N Pattern
- 6. All Main lines and Lateral line shall be PVC
- 7. All PVC fittings shall be cleaned/primed and glued
- 8. All lateral lines shall be buried a minimum of 12" below final grade
- 9. All main lines buried a minimum of 18" below final grade
- 10. Thrust blocks shall be installed on any line that is 2" or larger, with a direction change of more than 20 degrees
- 11. Unless otherwise directed by the manufacturer, no joint that is directly connected to sprinkler heads, valves, or flow sensors shall have pipe compound or Teflon tape installed.
- 12. Flow Meter: Data Industrial. For 1" 4" use drop-in style model # IR228PV. For 6" taps, use threaded style model # IR220BR.
- 13. Mainline:
 - a. a. For pipe sizes larger than 3" J.M. Ringtite Class 200 PVC pipe.
 - b. For Pipe sizes 3" and smaller Schedule 40 PVC
- 14. Joint Restraints: For all mainline sized 4" and larger Leemco ductile iron gasketed fittings and Leemco pipe restraints shall be used.
- 15. Drip line: Irritrol blue stripe drip pipe, 80 PSI rated. Centennial drip tubing or Rainbird XT-700 only.
- 16. Valve Boxes: Highline (formerly Pentek) or Carson. Jumbo sized only.
- 17. Drip system:
 - a. Emitters: Rainbird XB series with spiral barb emitters.
 - b. Flush caps: Agrifim model #CETC-34. 11.
- 18. Irrigation Pump Station
 - a. SyncroFlo Eagle Model 820-32L-100-850 prefabricated vertical turbine pump station designed to meet 850 GPM at a discharge pressure of 100 psi. Pump station to include: pumps shafts, bowls, filter screen, motors and associated piping and fittings all mounted on a metal skid. The system shall be factory tested and UL listed.
- 19. Miscellaneous Irrigation Equipment:
 - a. Waterproof connections:
 - 1. 3M DBR direct bury splice kits only on common wires
 - 2. Blazing Snaploc wire connector BVS-2 on 14 gauge (hot) wires
 - b. Elbows: Rainbird SBE-050 to match pipe brand.
 - c. Risers: Funny pipe for pop-up heads; nipples for rotors.
 - d. Fabricate each swing joints no prefabricated swing joints permitted
 - e. Pipe Glue: WELD-ON 711 grey glue with P70 purple primer
 - f. Upon the discretion of the Town for large scale projects, a two-wire control system may be utilized. If approved, the two-wire control path wire shall be Page Model P7072D-12 AWG and alterations to the approved controller specification will need to be made to function with this alternate system.

SEEDING

- 1. Pre-approved Dryland Mixes (for temporary or permanent unmowed and/or non- permanent areas):
 - a. Native Areas (typically below the pathway trail or on the side without the trail): Canada wildrye 2.84 PLS pounds per acre

Thickspike wheatgrass (Critana variety) 0.71 PLS lbs. per acre

Slender wheatgrass (San Luis or Pryor variety) 2.05 PLS lbs. per acre

Western wheatgrass (Arriba variety) 1.98 PLS lbs. per acre

Little bluestem (Cimarron or Pastura variety) 0.84 PLS lbs. per acre

Switchgrass (Trailblazer, Nebraska 28, or Blackwell variety) 0.28 PLS lbs. per acre

Alkali sacaton (Salado variety) 0.06 PLS lbs. per acre

Sand dropseed 0.02 PLS lbs. per acre

Side oats grama (Vaughn variety) 1.14 PLS lbs. per acre

Blue grama (Alma, Bad River, or Hachita variety) 0.26 PLS lbs. per acre

Buffalograss 3.89 PLS lbs. per acre

b. Native Areas between trail and residential area:

Blue grama (Alma, Bad River, or Hachita variety) 0.40 PLS lbs. per acre

Buffalograss 5.83 PLS lbs. per acre

Inland saltgrass 0.42 PLS lbs. per acre

Slender wheatgrass 1.37 PLS lbs. per acre

Sandberg bluegrass 0.82 PLS lbs. per acre

Alkaligrass 0,27 PLS lbs. per acre

c. Rights of way in areas of future road expansion:

Inland saltgrass 1.26 PLS lbs. per acre

Blue Grama (Alma, Bad River, or Hachita variety) 0.40 PLS lbs. per acre

Alkaligrass 0.64 PLS lbs. per acre

Sandberg bluegrass 0.47 PLS lbs. per acre

2. Pre-approved Irrigated Turf Seed Mixes:

a. 60% Eldorado, Silverado and Monarch Turf type Tall Fescue

30% Manchar Smooth Brome

10% Bluegrass mix (drought tolerant blends)

b. 40% Barrington Tall Fescue

40% Labarinth RTF Tall Fescue

20% Barrister Kentucky Bluegrass

c. 35% Creeping Red Fescue

25% SR3200 Blue Fescue 12.5% SR3100 Hard Fescue

15% Reubens Canadian Blue

12.5% SR5100 Chewings Fescue

d. 30% Matador Tall Fescue

30% Tomahawk RT Tall Fescue

30% Pure Gold Tall Fescue

10% North Star Kentucky Bluegrass

SODDING

- 1. Pre-approved Sod Mixes:
 - a. 60% Eldorado, Silverado and Monarch Turf type Tall Fescue

30% Manchar Smooth Brome

10% Bluegrass Mix (drought tolerant blends)

b. 40% Barrington Tall Fescue

40% Labarinth RTF Tall Fescue

20% Barrister Kentucky Bluegrass

c. 35% Creeping Red Fescue

25% SR3200 Blue Fescue

12.5% SR3100 Hard Fescue

15% Reubens Canadian Blue

12.5% SR5100 Chewings Fescue

d. 30% Matador Tall Fescue

30% Tomahawk RT Tall Fescue

30% Pure Gold Tall Fescue 10% North Star Kentucky Bluegrass

e. VorTEX Texas Bluegrass from Korby Sod LLC

TREES, PLANTS AND GROUNDCOVER

- 1. Backfill mix: Premium-3 composted aspen humus, by A-1 Organics.
- 2. Tree wrap: 4" wide Kraft tree wrap.
- 3. Weed barrier fabric: Mirafi geo-textile fabric 140N.
- 4. Steel edging: 3/16" x 4" x 16' Ryerson steel edging.
- 5. Mulch: Aspen bark mulch, pole peelings (linear strips only), recycled rubber (with staff-approved cut sheet), 3"-6" cobble or shredded cedar. Cobble is not to be used in Greenway areas unless otherwise approved by staff.
- 6. Tree Stakes: Two inch (2") x six feet (6') round wooden posts or six foot (6') long, heavy-duty t-bar steel posts with white tops.
- 7. Tree Guys: ½" STRAP-X (flat synthetic webbing material) or ½" Central Bag polyester strapping with 17 gauge galvanized steel wire.
- 8. Tree Grates: Cast Iron only. Minimum 40 square feet (4' x 10' (comes in two pieces) or 9' x 5' (comes in 4 pieces))
- 9. Misc. Tree Equipment: White tee post caps; Canvas strap; White plastic flagging tape or 1/2" white PVC pipe; four inch (4") wide tree wrap.
- 10. Beaver protection: Galvanized four foot (4') high (2" x 4" openings) fencing.

MISCELLANEOUS LANDSCAPE ITEMS

- 1. Benches: Webcoat expanded metal six foot bench surface mount on appropriately sized concrete pad (B6WBRCSM), black color.
- Trash Receptacles: Webcoat 32 gallon (TR32 TSRM) surface or in-ground mount as appropriate – black color with DOME32 gray top. Also include 30 gallon galvanized trash can (no lid) inside receptacle.
- 3. Recycling Receptacles: Recycle Away Landscape 34 Gallon Dome (RC-34R DM CANS RBL). Blue color with dome lid.
- 4. Picnic Tables: Webcoat T6RC and T8RCHDCP tables surface mount black color, including Play World #1409 PVC-coated clamps to bolt tables to appropriately sized concrete pad.
- 5. Bike racks: Madrax inverted U-style #U238-SF, surface mount black color on appropriately sized concrete pad.
- 6. Play Equipment: all play equipment shall meet all standards in the most current version of the Public Playground Safety Handbook as set fourth by the United States Consumer Product Safety Commission. The hand book can be found at https://www.cpsc.gov/s3fs-public/325.pdf.
 - a. Manufacturers
 - 1. Gametime
 - 2. Miracle
- 7. Surfacing Material:
 - a. Engineered Wood Fiber (EWF)
 - b. Poured-In-Place Rubber
- 8. All parks shall be designed to meet the most current ADA requirements

Approved Plant Materials List

The following lists are trees specifically PROHIBITED from Town of Mead regulated areas (and discouraged from use elsewhere)

Tree Name	Any Area	Streetscapes	Trail Corridors
Russian Olive	•	•	•
Lombardy Poplar	•	•	•
Siberian Elm	•	•	•
Boxelder Maple	•	•	•
Ash – any species	•	•	•
Fruit-Bearing Trees*		•	
Thorn-Bearing Trees*		•	
Willow (all varieties)		•	
Tree of Heaven		•	
Cottonwood (all varieties)		•	
Silver Maple		•	

^{*} Trees that drop fruit or bear thorns may be allowed in streetscape areas only if the mature size of the tree does not come within 5' of paths, walks or other pedestrian areas.

RECOMMENDED TREES for Town of Mead regulated areas

Growth rate: S = Slow, M = Medium, F = Fast

Adaptability: H = Hardy, A = Average, M = Marginal)

(Adaptability rating includes cold, soils, moisture tolerance & disease resistance)

Use: S-6 = Street tree in areas 6' maximum tree lawn width

S-8 = Street tree in areas 8' minimum tree lawn width

G = Pathway and Common Open Space

Tree Name	Botanical Name	Growth Rate	Adaptability	Use
Ornamental Trees				
Alder, Thinleaf	Alnus tenuifolia	F	Н	S-6,G
Birch, Native River	Birch, Native River	M	A	G
Birch, Whitespire	Betula platyphylla japonica	M	A-M	G
Cherry, Bird (Mayday)	Prunus padus	S	H-A	S-6, G
Cherry, Canada Red	Prunus virginians 'Schubert	M	Н	G
Cherry, Montmorency	Prunus cerasus	M	Α	G
Cherry, Sargent	Prunus sargentii	М	Н	G
Crabapple, Adams	Malus 'Adams'	M	H-A	G
Crabapple, Adirondak	Malus 'Adirondak'	М	H-A	G
Crabapple, Brandywine	Malus 'Brandywine'	М	H-A	G
Crabapple, Centurion	Malus 'Centurion'	M	H-A	G

Tree Name	Botanical Name	Growth Rate	Adaptability	Use
Crabapple, Coralburst	Malus 'Coralburst'	M	H-A	G
Crabapple, David	Malus 'David'	M	H-A	G
Crabapple, Indian Magic	Malus 'Indian Magic'	M		
Crabapple, Prairifire	Malus 'Prairifire'	M		
Crabapple, Profusion	Malus 'Profusion'	M	H-A	G
Crabapple, Radiant	Malus 'Radiant'	M	H-A	G
Crabapple, Red Barron	Malus 'Red Barron'	M	H-A	G
Crabapple, Royalty	Malus 'Royalty'	M	H-A	G
Crabapple, Spring Snow	Malus 'Spring Snow'	M	H-A	G
Crabapple, Thunderchild	Malus 'Thunderchild'	M	H-A	G
Crabapple, White Cascade	Malus 'White Cascade'	М	H-A	G
Goldenrain Tree	Koelreuteria paniculata	S	M	S-8
Hawthorn, Crusader	Crataegus ambigua	S	Н	G
Hawthorn, Russian	Crataegus ambigua	S	H	G
Hawthorn, Thornless Cockspur	Crataegus crus-gali inermis	S	H	G
Hawthorn, Washington	Crataegus phaenopyrum	S	H	G
Hornbeam, Pyridimal Eruopean	Carpinus betulus	M	H	S-6
Lilac, Japanese Tree	Syringa reticula	M	A	S-6
Monto Cinnolo	Approximate	S	Ш	S-6, G
Maple, Ginnala	Acer ginnala	S	H	S-6, G
Maple, Tartarian	Acer tartaricum	3	П	S-6, G
Pear, Aristocrat	Pyrus Calleryanna 'Aristocrat'	М	A	S-6
Pear, Autumn blaze	Pyrus Calleryanna 'Autumn blaze'	M	A	S-6
Pear, Chanticleer	Pyrus Calleryanna 'Chanticleer'	M	Α	S-6
Pear, Redspire	Pyrus Calleryanna 'Redspire'	M	Α	S-6
Pear, Stonehill	Pyrus Calleryanna 'Stonehill'	М	A	S-6
Plum, American	Prunus americana	S	Н	G
Plum, Newport	Prunus cerasifera	S	Α	S-6
Redbud, Eastern	Cercis canadensis	S	M	S-6
Redbud, Lastern	Cercis cariaderisis	3	IVI	3-0
Serviceberry, Autumn Brilliance	Amelanchier grandiflora 'Autumn Brilliance'	S	Н	S-6, G
Serviceberry, Robin Hill	Amelanchier grandiflora 'Robin Hill'	S	Н	S-6, G
Serviceberry, Saskatoon	Amelanchier alnifolia 'Saskatoon'	S	Н	S-6, G
Serviceberry, Shadblow	Amelanchier cnandensis 'Shadblow'	S	Н	S-6, G
Shade (Canopy) Trees				
Tree Common Name	Botanical Name	Growth Rate	Adaptability	Use

Catalpa, Western Catalpa speciosa S H S-8, G Coffeetree, Kentucky Gymnocladus dioica S H S-8, G Cottonwood, Lanceleaf Populus acuminate Populus adustifolia F H G Cottonwood, Narrowleaf Cottonwood, Plains Populus andustifolia F H G Filbert, Turkish Corylus columa Hackberry, Western Celtis occidentalis Hornbeam, American Carpinus caroliniana H H S-8, G Horneylocust, Imperial Gleditisia tricanthos inermis 'Shademaster' Gleditisia tricanthos inermis 'Shademaster' Gleditisia tricanthos inermis 'Shademaster' Honeylocust, Skyline Gleditisia tricanthos inermis 'Skyline' Gleditisia tricanthos inermis 'Skyline' Gleditisia tricanthos inermis 'Skyline' H S-8, G Gleditisia tricanthos inermis 'Skyline' Gleditisia tricanthos inermis 'Skyline' H S-8, G Gleditisia tricanthos inermis 'Skyline' Gleditisia tricanthos inermis 'Skyline' H S-8, G Gleditisia tricanthos inermis 'Skyline' Gleditisia tricanthos inermis 'Skyline' H S-8, G Gleditisia tricanthos inermis 'Skyline' Gleditisia tricanthos inermis 'Skyline' H S-8, G Gleditisia tricanthos inermis 'Skyline' Gleditisia tricanthos inermis 'Shademaster' H H S-8, G Gleditisia tricanthos inermis 'Skyline' Gleditisia tricanthos inermis 'Skyline' H S-8, G Gleditisia tricanthos inermis 'Skyline' Gleditisia tricanthos inermis 'Skyline' H S-8, G Gleditisia tricanthos inermis 'Skyline' H S-8, G Gleditisia tricanthos inermis M H S-8, G Gleditisia tr	Tree Name	Botanical Name	Growth Rate	Adaptability	Use
Cottonwood, Lanceleaf Populus acuminate F H G Cottonwood, Narrowleaf Populus andustifolia F H G Cottonwood, Plains Populus andustifolia F H G G Cottonwood, Plains Populus sargentii F H G G F H G G F H G G F H G G F H G G F H G G F H G G F H G G F H G G F H G G F H G G F H G G F H G G F G G G G	Catalpa, Western	Catalpa speciosa	S	Н	S-8, G
Cottonwood, Narrowleaf Cottonwood, Plains Populus sargentii F H G Cottonwood, Plains Populus sargentii F H G F H G Cottonwood, Plains Populus sargentii F H G G F H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G H G H	Coffeetree, Kentucky	Gymnocladus dioica	S	H	S-8, G
Cottonwood, Narrowleaf Cottonwood, Plains Populus sargentii F H G Cottonwood, Plains Populus sargentii F H G F H G Cottonwood, Plains Populus sargentii F H G G F H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G F H H G G H G H	Outro and Lorentzat	Dec Leave what	-		
Cottonwood, Plains Populus sargentii F H G Filbert, Turkish Corylus colurna M A S-8,G Hackberry, Western Celtis occidentalis M H S-8, G Hornbeam, American Carpinus caroliniana M H S-8,G Honeylocust, Imperial Gleditisa tricanthos inermis M H S-8,G Honeylocust, Shademaster Gleditisa tricanthos inermis M H S-8,G Honeylocust, Skyline Gleditisa tricanthos inermis M H S-8,G Gleditisa tricanthos inermis M H S-8,G Honeylocust, Skyline Gleditisa tricanthos inermis M H S-8,G Gleditisa tricanthos inermis M H G S-8,G Honeylocust, Skyline Gleditisa tricanthos inermis M H G S-8,G Gleditisa tricanthos inermis M M M M M M S-8,G Gleditisa tricanthos inermis	•				
Filbert, Turkish Corylus columa M A S-8,G Hackberry, Western Celtis occidentalis M H S-8, G Horneylocust, Imperial Gleditsia tricanthos inermis M H S-8,G Honeylocust, Shademaster Gleditsia tricanthos inermis M H S-8,G Honeylocust, Skyline Gleditsia tricanthos inermis M H S-8,G Shademaster Honeylocust, Skyline Gleditsia tricanthos inermis Shademaster Gleditsia tricanthos inermis M H S-8,G Skyline Coust, Black Robinia pseudoacacia F H G Locust, Purple Robe Robinia pseudoacacia F H-A S-8, G Robe' S-8 Maple, Hedge Acer campestre S H S-8 Maple, Autumn Blaze Acer freemanii M M M M S-8 Maple, Autumn Blaze Acer platanoides 'Deborah' S A-M S-8 Maple, Emerald Lustre Acer platanoides 'Emerald Lustre' Maple, Emerald Queen Acer platanoides 'Emerald Queen' Maple, Green Mountain Sugar Acer saccharum 'Green Mountain' Maple, Green Mountain Sugar Acer saccharum 'Green Mountain' M M S-8 Maple, Legacy Acer saccharum 'Legacy' S A-M S-8 Maple, Red Sunset Acer rubrum Northwood' M M S-8 Maple, Red Sunset Acer rubrum 'Red Sunset' M M S-8 Maple, Red Sunset Acer rubrum 'Red Sunset' M M H S-8 Iniden, Glenleven Tilia Americana S H S-8, G Oak, Shumard Quercus macrocarpa S H S-8, G Oak, Shumard Quercus bicolor M H A S-8, G					
Hackberry, Western Celtis occidentalis M H S-8, G Hornbeam, American Carpinus caroliniana M H S-8, G Honeylocust, Imperial Gleditisa tricanthos inermis M H S-8, G Honeylocust, Shademaster Gleditisa tricanthos inermis M H S-8, G Honeylocust, Shademaster Gleditisa tricanthos inermis M H S-8, G Honeylocust, Skyline Gleditisa tricanthos inermis M H S-8, G Shademaster' M H S-8, G Gleditisa tricanthos inermis M H G-8, G Shademaster' M H S-8, G Gleditisa tricanthos inermis M H S-8, G Gleditisa tricanthos inermis M H M S-8, G Gleditisa tricanthos inermis M H M S-8, G Gleditisa tricanthos inermis M H H S-8, G Gleditisa tricanthos inermis M H A S-8, G Gleditisa tricanthos inermis M A S-8, G Gleditisa tricanthos ine	Cottonwood, Plains	Populus sargentii	F	H	G
Hornbeam, American Carpinus caroliniana M	Filbert, Turkish	Corylus colurna	M	A	S-8,G
Hornbeam, American Carpinus caroliniana M	Hackberry, Western	Celtis occidentalis	M	H	S-8, G
Honeylocust, Imperial Gleditsia tricanthos inermis M			М	Н	
Honeylocust, Shademaster Gleditsia tricanthos inermis 'Shademaster' Gleditsia tricanthos inermis 'Shademaster' Gleditsia tricanthos inermis 'Skyline' Locust, Black Robinia pseudoacacia F H G Locust, Purple Robe Robinia pseudoacacia 'Purple Robe' Robe' Robei Acer campestre M M M S-8, Maple, Hedge Acer campestre Acer platanoides 'Deborah' Maple, Emerald Lustre Acer platanoides 'Emerald Lustre' Maple, Green Mountain Sugar Acer saccharum 'Green Mountain' Acer saccharum 'Legacy' Acer saccharum 'Red Sunset' Maple, Pacific Sunset Acer truncatum 'Pacific Sunset' S-8 A-M S-8 Linden, American Tilia Americana Tilia Americana Tilia cordata 'Glenleven' Mila S-8, G Oak, Bur Quercus Mandel Quercus bicolor M A S-8, G Oak, Shumard Quercus shumardii M A S-8, G Oak, Shumard Quercus bicolor M A A S-8, G Oak, Shumard Quercus bicolor M M A S-8, G Oak, Shumard Quercus bicolor M M A S-8, G Oak, Shumard Quercus bicolor M M A S-8, G Oak, Shumard Quercus bicolor M M A S-8, G Oak, Shumard Quercus bicolor M M A S-8, G Oak, Shumard Quercus bicolor M M A S-8, G Oak, Swamp White Quercus bicolor		Gleditsia tricanthos inermis			
'Skyline' Locust, Black Robinia pseudoacacia F H G Robe' Robinia pseudoacacia F H-A S-8, G Robe' S-8 Maple, Hedge Acer campestre S H S-8 Maple, Autumn Blaze Acer freemanii M M M S-8 Maple, Deborah Acer platanoides 'Deborah' S A-M S-8 Maple, Emerald Lustre Acer platanoides 'Emerald Lustre' Maple, Green Mountain Sugar Acer saccharum 'Green Maple, Legacy Acer rubrum 'Ned Sunset' Maple, Pacific Sunset Acer rubrum 'Red Sunset' Acer truncatum 'Pacific Sunset' S-8 Maple, Pacific Sunset Acer truncatum 'Pacific Sunset' Acer saccharum 'Green Binden, Redmond Tilia Americana Tilia Americana Tilia Cordata 'Geneleven' Tilia cordata 'Geneleven' Tilia cordata 'Genenspire' M H S-8 Cak, Chinkapin Quercus muchlbergii M H S-8, G Cak, Chinkapin Quercus rubra Acer subrardii M A S-8, G Cak, Shingle Quercus ibicolor M A S-8, G Cak, Shurnard Quercus bicolor M A S-8, G Cak, Shurnard Quercus ibicolor M H-A S-8, G Cak, Shurnard Quercus ibicolor	Honeylocust, Shademaster	Gleditsia tricanthos inermis	М	Н	S-8,G
Robinia pseudoacacia 'Purple Robe Robe' S-8, G Robe' S-8	Honeylocust, Skyline	Gleditsia tricanthos inermis	M	Н	S-8,G
Robinia pseudoacacia 'Purple Robe Robe' S-8, G Robe' S-8	Locust, Black	Robinia pseudoacacia	F	Н	G
Maple, HedgeAcer campestreSHS-8Maple, Autumn BlazeAcer freemaniiMMMS-8Maple, DeborahAcer platanoides 'Deborah'SA-MS-8Maple, Emerald LustreAcer platanoides 'Emerald Lustre'SA-MS-8Maple, Emerald QueenAcer platanoides 'Emerald Queen'SA-MS-8Maple, Green Mountain SugarAcer saccharum 'Green Mountain'SA-MS-8Maple, LegacyAcer saccharum 'Legacy'SA-MS-8Maple, NorthwoodAcer rubrum 'Northwood'MMS-8Maple, Red SunsetAcer rubrum 'Red Sunset'MMS-8Maple, Pacific SunsetAcer truncatum 'Pacific Sunset'SA-MS-8Linden, AmericanTilia AmericanaMHS-8Linden, RedmondTilia Americana 'Redmond'MHS-8Linden, GlenlevenTilia cordata 'Glenleven'MHS-8Linden, GreenspireTilia cordata 'Greenspire'MHS-8Oak, BurQuercus macrocarpaSHS-8, GOak, ChinkapinQuercus muehlbergiiMHS-8, GOak, ReglishQuercus rubraMAS-8, GOak, ShingleQuercus shumardiiMAS-8, GOak, Swamp WhiteQuercus bicolorMH-AS-8, G		Robinia pseudoacacia 'Purple			
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	Oak, Shumard	Quercus shumardii		Α	S-8, G
Flm American I Illmus americana F H S-8 G	Oak, Swamp White	Quercus bicolor	M	H-A	S-8, G
	Elm, American	Ulmus americana	F	H	S-8, G

Tree Name	Botanical Name	Growth Rate	Adaptability	Use
Elm, Accolade	Ulmus japonica x wilsonii 'Accolade'	F	Н	S-8, G
Elm, Frontier	Ulmus carpinifoli x parvifolia 'Frontier'	F	Н	S-8, G
Willow, Niobe Weeping	Salix alba 'Tristis'	F	Н	G
Willow, Peach Leaf	Salix amygdaloides	F	Н	G
Willow, Prairie Cascade	Salix pentandra	F	Н	G
Willow, Russian Golden	Salix alba vitellina	F	Н	G
Conifer (Evergreen) Trees				
Fir, Concolor	Abies concolor	M	Α	G
Fir, Douglas	Psuedotsuga menziesii	М	А	G
Juniper, Rocky Mountain	Juniperus scopulorum var.	S	Н	G
Pine, Austrian	Pinus nigra	M	Н	G
Pine, Bosnian	Pinus heldreichii	М	Н	G
Pine, Bristlecone	Pinus ariatada	S	Α	S-8, G
Pine, Mugo	Pinus mugo	М	Н	G
Pine, Pinon	Pinus edulis	M	Н	S-8, G
Pine, Ponderosa	Pinus ponderosa	M	Н	S-8, G
Pine, Scotch	Pinus sylvestris	M	Н	G
Pine, Southwestern White	Pinus strobiformis	S	Α	G
Pine, Swiss Stone	Pinus cembra	M	Α	G
Pine, Vanderwolf	Pinus flexilis	M	A	G
Spruce, Bacheri	Picea pungems 'bacheri'	M	Н	G
Spruce, Black Hills	Picea glauca densata	M	Н	G
Spruce, Colorado Blue	Picea pungens	М	Н	G
Spruce, Siberian	Picea omorika	М	Н	G