

**2020 Minnesota Department of Agriculture Cold Hardiness List - Revised 10/15/19**

<b>Group</b>	<b>Genus, Species, Variety</b>	<b>Common Name/Cultivar/Trade Name</b>	<b>Minimum Hardiness Zone</b>	<b>MDA Comments Changes</b>
DECIDUOUS TREES & EVERGREENS	<i>Abies balsamea</i>	Balsam Fir	2	
DECIDUOUS TREES & EVERGREENS	<i>Abies balsamea</i>	Piccolo'	4	
DECIDUOUS TREES & EVERGREENS	<i>Abies balsamea</i> var. <i>phanerolepsis</i>	Canaan Fir	4	
DECIDUOUS TREES & EVERGREENS	<i>Abies concolor</i>	White Fir	4	
DECIDUOUS TREES & EVERGREENS	<i>Abies fraseri</i>	Fraser Fir	4	Add 8-19-19
DECIDUOUS TREES & EVERGREENS	<i>Abies koreana</i>	Korean Fir, 'Horstmann Silberlocke'	4	9/29/17 Change to (Z4), 9/17/15 spelling corrected 'Horstmann Silberlocke', 9/28/18 Change to (Z4)
DECIDUOUS TREES & EVERGREENS	<i>Abies koreana</i>	Silver Show	4	Added 8/19/19
DECIDUOUS TREES & EVERGREENS	<i>Abies lasiocarpa</i>	Subalpine fir, Corkbark fir	2	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Acer campestre</i>	Hedge Maple - 'Carnival', 'Fade Patina'	5	
DECIDUOUS TREES & EVERGREENS	<i>Acer circinatum</i>	Oregon Vine Maple	5	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS Specailly Regulated Plant	<i>Acer ginnala</i>	<b>Amur Maple - Specially Regulated Plant Must have label "Plant where seedlings will be controlled and at least 100 yards from natural areas."</b>	3	Specially Regulated Plant Must have label Plant where seedlings will be controlled and at least 100 yards from natural areas.
DECIDUOUS TREES & EVERGREENS	<i>Acer ginnala</i>	Amur Maple - 'Flame'	3	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer ginnala</i>	Amur Maple - 'Ruby Slippers'	3	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer glabrum</i>	Rocky Mountian Maple	4	8/27/15 Added
DECIDUOUS TREES & EVERGREENS	<i>Acer griseum</i>	Paperbark maple	5	
DECIDUOUS TREES & EVERGREENS	<i>Acer japonicum</i>	Full Moon Maple	5	8/27/15 Added
DECIDUOUS TREES & EVERGREENS	<i>Acer miyabei</i>	State Street® Maple aka 'Morton'	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer negundo</i>	Boxelder - Box Elder Maple, 'Baron'	2	
DECIDUOUS TREES & EVERGREENS	<i>Acer negundo</i>	Boxelder - 'Sensation'	3	9/16/16 Change from (Z5) to (Z3)

DECIDUOUS TREES & EVERGREENS	<i>Acer palmatum</i>	Japanese Maple - 'Atropurpureum', 'Bloodgood', 'Emperor', 'Everred', 'Kagiri Nishiki', 'Nigrum', 'Osakazuki', 'Oshio-Beni', 'Red Dragon', 'Sangokaku', 'Seiryu', 'Virdis', 'Wolff'	5	11/26/18 move Northern Spotlight to Acer x pseudosieboldianum
DECIDUOUS TREES & EVERGREENS	<i>Acer palmatum var. dissectum</i>	Crimson Queen'	5	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Acer platanoides</i>	Norway Maple - 'Crimson Sentry'	4	9/30/16 Change from (Z5) to (Z4), 2/11/15 Change 'Crimson Sentry' from (Z4) to (Z5)
DECIDUOUS TREES & EVERGREENS	<i>Acer platanoides</i>	Norway Maple - 'Crimson King', - 'Emerald Lustre'® aka 'Pond', 'Emerald Queen', Princeton Gold'®, 'Royal Red', 'Variegatum', 'Superform'	4	2/11/15 Move 'Crimson Sentry'
DECIDUOUS TREES & EVERGREENS	<i>Acer platanoides</i>	Norway Maple - 'Deborah'	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer platanoides</i>	Norway Maple - 'Columnar'	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer platanoides</i>	Norway Maple - 'Parkway'	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red Maple - 'October Glory'	5	9/17/15 Change to (Z5)
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red Maple - 'Autumn Flame' Maple	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red Maple - 'Autumn Radiance' Maple	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red Maple - 'Bowhall'	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red Maple - 'Brandywine'	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red Maple - 'Karpic'	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red Maple - 'Fairview Flame'® 'Fairview Flame'	4	10/15/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red Maple - Burgundy Belle® aka 'Magnificent Magenta' Maple	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red Maple (Northern seed source)	3	9/29/17 Change from (Z4) to (Z3)
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	'Autumn Spire', 'Olsen', 'Northwood'	3	
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red Maple - 'Red Rocket'	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red Maple - Red Sunset® aka 'Franksred' Maple	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red Maple - 'Scarlet Sentinel'	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red maple - 'Sun Valley'	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red maple - 'Somerset'	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Red Maple - Scarlet Jewel™ aka 'Bailcraig'	3	

DECIDUOUS TREES & EVERGREENS	<i>Acer saccharinum</i>	Silver Maple - 'Silver Cloud', 'Silver Queen'	3	
DECIDUOUS TREES & EVERGREENS	<i>Acer saccharum</i>	Sugar Maple 'Autumn Fest' 'JFS-KW8'	4	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Acer saccharum</i>	Sugar Maple Fall Fiesta' 'Bailista'	3	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Acer saccharum</i>	Sugar Maple - Apollo® aka 'Barrett Cole', Crescendo™ aka 'Morton'	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer saccharum</i>	Sugar Maple - 'Commemoration'	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer saccharum</i>	Sugar Maple - Inferno™ aka 'Jeferno'	3	11/29/18 Move Inferno™ to new line
DECIDUOUS TREES & EVERGREENS	<i>Acer saccharum</i>	Sugar Maple - Green Mountain® Maple	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer rubrum</i>	Northern Flare® aka 'Sisseton'	3	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer saccharum</i>	Sugar Maple - 'Legacy', Black Sugar Maple ( <i>ssp. nigrum</i> ), 'Wright Brothers'	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer saccharum</i>	PA Source Sugar Maple	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer saccharum</i>	Sugar Maple	3	
DECIDUOUS TREES & EVERGREENS	<i>Acer saccharum</i>	Sugar Maple - Fall Fiesta® aka 'Bailsta', 'Jefcan'	3	
DECIDUOUS TREES & EVERGREENS	<i>Acer saccharum subsp. nigrum</i>	Black Maple	4	9/30/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Acer shirasawanum</i>	Autumn Moon'	5	8/19/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer tartaricum</i>	Tartarian Maple - Hot Wings aka 'Gar Ann' PP15023	3	
DECIDUOUS TREES & EVERGREENS	<i>Acer tegmentosum</i>	Manchustriped Maple	3	
DECIDUOUS TREES & EVERGREENS	<i>Acer triflorum</i>	Three Flowered Maple	3	
DECIDUOUS TREES & EVERGREENS	<i>Acer truncatum</i>	Crimson Sunset®	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer truncatum</i>	'Warrenred' aka Pacific Sunset®	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer truncatum x platinoides</i>	Norwegian Sunset®	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer x freemanii</i>	Freeman Maple - 'Autumn Fantasy'	4	10/15/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Acer x freemanii</i>	Freeman Maple - Sienna Glen® aka 'Sienna'	3	9/17/15 Moved from list above to new line.
DECIDUOUS TREES & EVERGREENS	<i>Acer x freemanii</i>	Armstrong' (sometimes listed as <i>Acer rubrum</i> )	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer x freemanii</i>	Armstrong Gold™ aka 'JFS-KW78'	4	9/29/18 Added
DECIDUOUS TREES & EVERGREENS	<i>Acer x freemanii</i>	Freeman Maple - Autumn Blaze® aka 'Jeffersred', Firefall™, 'Bailston' aka Matador™,	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer x freemanii</i>	Marmo'	4	
DECIDUOUS TREES & EVERGREENS	<i>Acer x pseudosieboldianum</i>	Korean Maple--	4	

DECIDUOUS TREES & EVERGREENS	<i>Acer x pseudosieboldianum</i>	Northern Spotlight® aka 'KorDak'	3	11/26/18 added Northern Spotlight® aka 'KorDak'
DECIDUOUS TREES & EVERGREENS	<i>Acer x pseudosieboldianum</i> ( <i>Acer palmatum</i> x <i>Acer pseudosieboldianum</i> )	Northern Glow® Hybrid Maple - Arctic Jade® Hybrid Maple ('IsIAJ'), Ice Dragon™ Hybrid Maple ('IsIID'), North Wind® Hybrid Maple ('IsINW')	4	9/28/18 Revised
DECIDUOUS TREES & EVERGREENS	<i>Aesculus glabra</i>	Ohio Buckeye	3	
DECIDUOUS TREES & EVERGREENS	<i>Aesculus hippocastanum</i>	European Horse Chestnut 'Baumanii'	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Aesculus x carnea</i>	Ruby Horsechestnut - 'Briotii', 'Fort McNair'	5	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Aesculus x</i>	Painted Buckeye 'Autumn Splendor', 'Homestead', 'Bergeson' (Prairie Torch)	3	
DECIDUOUS TREES & EVERGREENS	<i>Alnus flava</i>	Yellow Buckeye	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Alnus glutinosa</i>	Black Alder	4	
DECIDUOUS TREES & EVERGREENS	<i>Alnus hirsuta</i>	Alder - Prairie Horizon® aka 'Harbin' Alder	4	
DECIDUOUS TREES & EVERGREENS	<i>Alnus incana</i>	Speckled Alder	2	
DECIDUOUS TREES & EVERGREENS	<i>Alnus rugosa</i>	Hazel Alder	2	
DECIDUOUS TREES & EVERGREENS	<i>Alnus viridis</i>	Green Alder - 'Crispa'	2	
DECIDUOUS TREES & EVERGREENS	<i>Alnus x spaethii</i>	Spaeth's Alder	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Amelanchier canadensis</i> (also listed in SHRUBS)	Shadblow Serviceberry	4	
DECIDUOUS TREES & EVERGREENS	<i>Amelanchier laevis</i>	Serviceberry - 'Cumulus'	4	9/17/15 Change from (Z3) to (Z4)
DECIDUOUS TREES & EVERGREENS	<i>Amelanchier laevis</i>	Lustre® Serviceberry - aka 'Rogers'	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Amelanchier laevis</i>	Allegheny Serviceberry	4	
DECIDUOUS TREES & EVERGREENS	<i>Amelanchier laevis</i>	Spring Flurry®	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Amelanchier lamarckii</i>	Juneberry	4	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Amelanchier x grandiflora</i>	Serviceberry - 'Autumn Brilliance', 'Princess Diana', 'Cole's Select'	3	9/28/18 MNLA (Z3)
DECIDUOUS TREES & EVERGREENS	<i>Amelanchier x grandiflora</i>	Serviceberry - 'Robin Hill'	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Aronia melanocarpa</i>	Chokeberry - Autumn Magic Black - tree form	3	
DECIDUOUS TREES & EVERGREENS	<i>Betula alleghaniensis</i>	Yellow Birch	3	9/27/2018 Added
DECIDUOUS TREES & EVERGREENS	<i>Betula lenta</i>	Sweet Birch	3	
DECIDUOUS TREES & EVERGREENS	<i>Betula nigra</i>	River Birch - Dura-Heat aka 'BNMTF'	4	9/16/19 Added.

DECIDUOUS TREES & EVERGREENS	<i>Betula nigra</i>	River Birch - 'Shiloh Splash', 'Summer Cascade'	4	
DECIDUOUS TREES & EVERGREENS	<i>Betula nigra</i>	River Birch - Fox Valley® aka 'Little King', Heritage® aka 'Cully',	4	
DECIDUOUS TREES & EVERGREENS	<i>Betula nigra</i>	River Birch - Northern Tribute® aka 'Dickinson'	3	
DECIDUOUS TREES & EVERGREENS	<i>Betula papyrifera</i>	Paper Birch, Prairie Dream aka 'Varen', 'Renci'	2	
DECIDUOUS TREES & EVERGREENS	<i>Betula papyrifera</i>	Renaissance Oasis® aka 'Oenci'	3	8-19-19 Added
DECIDUOUS TREES & EVERGREENS	<i>Betula pendula</i>	Weeping Cutleaf Birch aka 'Dalecarlica'	2	
DECIDUOUS TREES & EVERGREENS	<i>Betula platyphylla</i>	Asian White Birch - Dakota Pinnacle® Birch aka 'Fargo', 'Parkland Pillar' aka 'Jefpark'	3	9/11/18 Added 'Parkland Pillar' aka 'Jefpark',
DECIDUOUS TREES & EVERGREENS	<i>Betula populifolia</i>	Whitespire Birch	4	
DECIDUOUS TREES & EVERGREENS	<i>Betula utilis</i>	White Satin Birch aka 'Madison'	4	
DECIDUOUS TREES & EVERGREENS	Betula x	Royal Frost® Birch	4	
DECIDUOUS TREES & EVERGREENS	<i>Betula utilis</i> var. <i>jacquemontii</i>	Himalayan birch	5	8-19-19 Added
DECIDUOUS TREES & EVERGREENS	<i>Caragana arborescens</i>	Siberian Peashrub - 'Walker', 'Pendula', 'Green Spires'	2	
DECIDUOUS TREES & EVERGREENS	<i>Caragana arborescens</i>	Siberian Peashrub - 'Sutherland'	2	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Carpinus betulus</i>	Hornbeam - 'Columnaris', 'Frans Fontaine', 'Fastigiata' 'Globosa', 'Pendula', 'Purpurea'	5	8/8/16 Combine with 'Fastigiata'
DECIDUOUS TREES & EVERGREENS	<i>Carpinus caroliniana</i>	Blue Beech or American Hornbeam	3	
DECIDUOUS TREES & EVERGREENS	<i>Carpinus caroliniana</i>	Firespire™ aka 'J.N. Upright'	3	9/28/18 Added Firespire™ 'J.N. Upright' (Z3)
DECIDUOUS TREES & EVERGREENS	<i>Carya illinoensis</i>	Pecan - 'Cape Fear', 'Cheyenne', 'Choctaw', 'Desirable', 'Elliott', 'Kiowa', 'Mahan', 'Maramec', 'Mohawk', 'Navajo', 'Pawnee', 'Silverback', 'Stuart', 'Western', 'Wichita'	5	
DECIDUOUS TREES & EVERGREENS	<i>Carya ovata</i>	Shagbark Hickory	4	
DECIDUOUS TREES & EVERGREENS	<i>Catalpa bignonioides</i>	Southern Catalpa	5	
DECIDUOUS TREES & EVERGREENS	<i>Catalpa bignonioides</i>	Southern Catalpa - 'Aurea'	5	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Catalpa bungei</i>	Umbrella Catalpa	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Catalpa speciosa</i>	Northern Catalpa	4	
DECIDUOUS TREES & EVERGREENS	<i>Catalpa x erubescens</i>	Purple Catalpa - 'Purpurea'	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Celtis occidentalis</i>	Hackberry - Chicagoland®, 'Prairie Pride'	4	9/28/18 Added 'Prairie Pride (Z4)
DECIDUOUS TREES & EVERGREENS	<i>Celtis occidentalis</i>	Hackberry - Prairie Sentinel®	5	8/19/19 Added

DECIDUOUS TREES & EVERGREENS	<i>Celtis occidentalis</i>	Hackberry - 'Magnifica'	4	
DECIDUOUS TREES & EVERGREENS	<i>Celtis occidentalis</i>	Hackberry	2	
DECIDUOUS TREES & EVERGREENS	<i>Cercidiphyllum japonicum</i>	Katsuratree - 'Biringer' PP21,711	4	9/16/19 Added 'Biringer' PP21,711
DECIDUOUS TREES & EVERGREENS	<i>Cercis canadensis</i>	Redbud - MN Strain	4	
DECIDUOUS TREES & EVERGREENS	<i>Cercis canadensis</i>	Redbud -Lavender Twist® aka 'Covey'	5	
DECIDUOUS TREES & EVERGREENS	<i>Cercis canadensis</i>	Redbud - 'Burgundy Hearts', 'Greswan', 'Hearts of Gold', 'Covey',	5	
DECIDUOUS TREES & EVERGREENS	<i>Cercis canadensis</i>	The Rising Sun™ aka 'JN2' PP21,451	5	9/29/18 Added
DECIDUOUS TREES & EVERGREENS	<i>Cercis canadensis</i>	Redbud - 'Purple Leaf', 'Forest Pansy', 'Traveler'	6	
DECIDUOUS TREES & EVERGREENS	<i>Chamaecyparis lawsoniana</i>	Falsecypress - 'Minlem', Amaize n'	6	
DECIDUOUS TREES & EVERGREENS	<i>Chamaecyparis nootkatensis pendula</i>	Weeping Nootka Cypress	5	
DECIDUOUS TREES & EVERGREENS	<i>Chamaecyparis obtusa</i>	Falsecypress - 'Hinoki', 'Nana Gracilis'	5	9/17/15 Change from (Z6) to (Z5)
DECIDUOUS TREES & EVERGREENS	<i>Chamaecyparis pisifera</i>	Golden Mops'	4	
DECIDUOUS TREES & EVERGREENS	<i>Chamaecyparis pisifera</i>	Kings Gold'	4	9/3/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Chamaecyparis thyoides</i>	Atlantic White Cedar - 'Heartburn'	4	9/16/16 Added 9/28/18 Change from (Z3) to (Z4)
DECIDUOUS TREES & EVERGREENS	<i>Chamaecyparis thyoides</i>	Atlantic White Cedar	4	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Chionanthus virginicus</i>	White Fringetree	4	
DECIDUOUS TREES & EVERGREENS	<i>Cladrastis kentuckea</i>	Yellowwood – 'Perkins Pink'	5	9/11/18 , Change (Z4) to (Z5)
DECIDUOUS TREES & EVERGREENS	<i>Cladrastis kentuckea</i>	Yellowwood	4	9/28/18 Keep species as (Z4)
DECIDUOUS TREES & EVERGREENS	<i>Cornus alternifolia</i>	Pagoda Dogwood - Golden Shadows® aka 'W. Stackman' PP11.287	3	9/28/18 Golden Shadows® and 'W.Stackman' are the same
DECIDUOUS TREES & EVERGREENS	<i>Cornus alternifolia</i>	Pagoda Dogwood - Pagoda Dogwood,	3	
DECIDUOUS TREES & EVERGREENS	<i>Cornus florida</i>	Flowering Dogwood - 'American Beauty Red', 'Pendula', 'Satomi'	5	Remove hyphen after florida.
DECIDUOUS TREES & EVERGREENS	<i>Cornus kousa</i>	Kousa Dogwood	5	
DECIDUOUS TREES & EVERGREENS	<i>Cornus kousa var. chinensis</i>	Galilean® aka 'Galzam'	5	10/15/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Cornus x</i>	Stellar Pink® aka 'Rutgan'	5	10/15/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Corylus colurna</i>	Turkish Filbert	4	8/19/19 Added

DECIDUOUS TREES & EVERGREENS	<i>Crataegus ambigua</i>	Russian Hawthorn	4	9/27/16 Added 9/28/18 Spelling ambigua to ambigua
DECIDUOUS TREES & EVERGREENS	<i>Crataegus crus-galli</i>	Hawthorn -Crusader® aka 'Cruzam'	4	
DECIDUOUS TREES & EVERGREENS	<i>Crataegus crus-galli var. inermis</i>	Hawthorn - Thornless Cockspur	4	
DECIDUOUS TREES & EVERGREENS	<i>Crataegus laevigata</i>	Hawthorn - Crimson Cloud - 'Superba'	4	
DECIDUOUS TREES & EVERGREENS	<i>Crataegus viridis</i>	Hawthorn - 'Winter King'	4	
DECIDUOUS TREES & EVERGREENS	<i>Crataegus x mordenensis</i>	Hawthorn - 'Snowbird', 'Toba'	3	
DECIDUOUS TREES & EVERGREENS	<i>Cryptomeria japonica</i> (Also listed under SHRUBS)	'PIICJ-I' Chapel View Japanese Cedar	6	
DECIDUOUS TREES & EVERGREENS	<i>Elaeagnus angustifolia</i>	Russian Olive	2	
DECIDUOUS TREES & EVERGREENS	<i>Fagus grandifolia</i>	American Beech	4	
DECIDUOUS TREES & EVERGREENS	<i>Fagus sylvatica</i>	Beech - 'Purple Fountain', 'Rohan Obelisk'	5	
DECIDUOUS TREES & EVERGREENS	<i>Fagus sylvatica</i>	Beech - 'Riversii'	4	
DECIDUOUS TREES & EVERGREENS	<i>Fagus sylvatica</i>	Beech - 'Dawyck', 'Purpurea Pendula', 'Purple Fountian', 'Red Obelisk'	5	
DECIDUOUS TREES & EVERGREENS	<i>Ficus carica 'Chicago Hardy'</i>	Chicago Hardy' Fig	6	9/19/18 Added
DECIDUOUS TREES & EVERGREENS	<i>Fraxinus americana</i>	White Ash - Autumn Purple® Ash aka 'Junginger'	4	
DECIDUOUS TREES & EVERGREENS	<i>Fraxinus mandshurica</i>	Mancana Ash	3	
DECIDUOUS TREES & EVERGREENS	<i>Fraxinus nigra</i>	Black Ash	2	
DECIDUOUS TREES & EVERGREENS	<i>Fraxinus nigra</i>	Fallgold Ash	3	
DECIDUOUS TREES & EVERGREENS	<i>Fraxinus pennsylvanica</i>	'Patmore'	2	
DECIDUOUS TREES & EVERGREENS	<i>Fraxinus quadralangulata</i>	Blue Ash	4	9/16/16 Added.
DECIDUOUS TREES & EVERGREENS	<i>Ginkgo biloba</i>	<del>Ginkgo</del> - 'Autumn Gold'	4	
DECIDUOUS TREES & EVERGREENS	<i>Ginkgo biloba</i>	Jade Butterfly'	4	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Ginkgo biloba</i>	<del>Ginkgo</del> - 'Presidential Gold'	4	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Ginkgo biloba</i>	Goldspire™ Ginkgo, aka 'Blagon'	4	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Ginkgo biloba</i>	<del>Ginkgo</del> - 'Princeton Sentry'	4	9/28/18 Added (Z4)
DECIDUOUS TREES & EVERGREENS	<i>Gleditsia triacanthos var. inermis</i>	Honeylocust - 'Northern Acclaim®'	3	
DECIDUOUS TREES & EVERGREENS	<i>Gleditsia triacanthos var. inermis</i>	Honeylocust - Imperial® aka 'Impcole'	4	
DECIDUOUS TREES & EVERGREENS	<i>Gleditsia triacanthos var. inermis</i>	Honeylocust - Shademaster®	4	
DECIDUOUS TREES & EVERGREENS	<i>Gleditsia triacanthos var. inermis</i>	Honeylocust - Skyline® aka 'Skycole'	4	

DECIDUOUS TREES & EVERGREENS	<i>Gleditsia triacanthos var. inermis</i>	Honeylocust - 'Draves' aka Street Keeper™	4	
DECIDUOUS TREES & EVERGREENS	<i>Gleditsia triacanthos var. inermis</i>	Honeylocust - Sunburst® aka 'Suncole' Honeylocust	4	
DECIDUOUS TREES & EVERGREENS	<i>Gymnocladus dioicus</i>	Kentucky Coffeetree	4	9/28/18 Spelling dioica to dioicus
DECIDUOUS TREES & EVERGREENS	<i>Gymnocladus dioicus</i>	Decaf, Espresso™, 'McKBranded', 'Stately Manor™', True North™ aka 'UMNSynergy'	4	9/28/18 dioica to dioicus
DECIDUOUS TREES & EVERGREENS	<i>Gymnocladus dioicus</i>	Prairie Titan™	5	9/28/2018 Added
DECIDUOUS TREES & EVERGREENS	<i>Halesia carolina</i>	Carolina Silverbell	5	
DECIDUOUS TREES & EVERGREENS	<i>Hydrangea paniculata</i>	Tree Form Hydrangea: 'Berry White'	4	9/26/19 Added tree form
DECIDUOUS TREES & EVERGREENS	<i>Hydrangea paniculata</i>	Tree Form Hydrangea: 'LeVasterival' Great Star™, 'Grandiflora' PeeGee, 'Pink Diamond', 'DVPpink' Pinky Winky™, 'Bulk' Quick Fire™, 'Tardiva'	4	
DECIDUOUS TREES & EVERGREENS	<i>Hydrangea paniculata</i>	Limelight Hydrangea – Tree Form	3	
DECIDUOUS TREES & EVERGREENS	<i>Hydrangea paniculata</i>	Vanillia Strawberry™ - Tree Form	4	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Juglans cinerea</i>	Butternut	2	
DECIDUOUS TREES & EVERGREENS	<i>Juglans nigra</i>	Black Walnut	4	
DECIDUOUS TREES & EVERGREENS	<i>Juglans regia</i>	Carpathian'walnut	5	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Koelreuteria paniculata</i>	Goldenrain Tree	5	
DECIDUOUS TREES & EVERGREENS	Laburnum x watereri	Goldenchain Tree -'Vossii'	6	
DECIDUOUS TREES & EVERGREENS	<i>Larix kaempferi</i>	Japanese Larch	4	
DECIDUOUS TREES & EVERGREENS	<i>Larix laricina</i>	American Larch	2	
DECIDUOUS TREES & EVERGREENS	<i>Larix occidentalis</i>	Western Larch	4	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Larix siberica</i>	Siberian Larch	2	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Liquidambar styraciflua</i> -	Sweetgum - 'Lane Roberts', 'Silver King', 'Slender Silhouette'	5	
DECIDUOUS TREES & EVERGREENS	<i>Liquidambar styraciflua</i> -	Worplesdon', 'Moraine'	5	
DECIDUOUS TREES & EVERGREENS	<i>Liquidambar styraciflua</i> -	Happidaze™ Sweetgum	5	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Liriodendron tulipifera</i>	Tuliptree	5	
DECIDUOUS TREES & EVERGREENS	<i>Liriodendron tulipifera</i>	Little Volunteer' PP19,581	5	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Maackia amurensis</i>	Maackia – 'Summertime™', 'Starburst'	3	9/11/18 Added 'Starburst'
DECIDUOUS TREES & EVERGREENS	Magnoila x	Ricki'	4	9/30/16 Change (Z5) to (Z4) 8/30/16 Added



DECIDUOUS TREES & EVERGREENS	<i>Magnolia acuminata</i>	Cucumbertree magnolia	4	
DECIDUOUS TREES & EVERGREENS	<i>Magnolia grandiflora</i>	Southern Magnolia	6	
DECIDUOUS TREES & EVERGREENS	<i>Magnolia kobus var. loebneri</i>	Magnolia - 'Leonard Messel'	4	12/30/14 Changed from zone 5 to zone 4
DECIDUOUS TREES & EVERGREENS	<i>Magnolia kobus var. loebneri</i>	Magnolia - 'Jim Wilson'	5	
DECIDUOUS TREES & EVERGREENS	<i>Magnolia kobus var. loebneri</i>	Magnolia - 'Merrill'	4	
DECIDUOUS TREES & EVERGREENS	<i>Magnolia kobus var. loebneri</i> ( <i>'Merrill'</i> is zone 4)	'Butterflies'	5	
DECIDUOUS TREES & EVERGREENS	<i>Magnolia kobus var. stellata</i>	Royal Star Magnolia	4	
DECIDUOUS TREES & EVERGREENS	<i>Magnolia virginiana</i>	Sweetbay Magnolia - 'Northern Belle'	4	
DECIDUOUS TREES & EVERGREENS	Magnolia x	Susan' Magnolia	4	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	Magnolia x	'Ann'	4	
DECIDUOUS TREES & EVERGREENS	Magnolia x	Betty'	3	9/19/18 Added
DECIDUOUS TREES & EVERGREENS	Magnolia x	'Jane'	4	
DECIDUOUS TREES & EVERGREENS	Magnolia x brooklynensis	'Yellow Bird'	5	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	Magnolia x brooklynensis	'Woodsman'	4	
DECIDUOUS TREES & EVERGREENS	Magnolia x soulangeana	Saucer Magnolia	5	
DECIDUOUS TREES & EVERGREENS	<i>Malus</i>	Crabapple - 'Adams', 'Adirondack', 'Branzam' Brandywine®, 'Camzam' Camelot®, 'Donald Wyman' 'Guinzam' Guinevere™, 'Harvest Gold', 'Golden Raindrops', 'Indian Magic', 'Indian Summer', 'Lollizam' Lollipop®, 'Louisa', 'Prairiefire', 'Profusion', 'Perfect Purple', 'Purple Prince', 'Red Barron', 'Red Jade', 'Jewelcole' Red Jewel®, 'Rejzam' Rejoice™, 'Robinson', 'JFS-KW5' Royal Raindrops®, 'Bailears' Ruby Tears™, 'Spring Snow', 'Swesutyzam' Sugar Tyme®, 'Tina'	4	
DECIDUOUS TREES & EVERGREENS	<i>Malus</i>	Crab Apple - 'Columbia', 'Dolgo', 'Hopa', 'Kelsey', 'Morning Princess', 'Pink Spires', 'Selkirk'	2	
DECIDUOUS TREES & EVERGREENS	<i>Malus x</i>	Velvet Pillar'	4	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Malus x</i>	Cranberry Lace'	4	10/15/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Malus x</i>	Starlight™ - 'Jeflite'	2	9/27/18 Added, 10-27-18 change (Z3) to (Z2)
DECIDUOUS TREES & EVERGREENS	<i>Malus x adstringens</i>	Gladiator™ aka 'Durleo',	2	9/3/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Malus x adstringens</i>	Emerald Spire® aka 'Jefgreen'	2	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Malus</i> Flowering Crabapple, <i>Malus</i> Flowering Crabapple, <i>Malus</i> Flowering Crabapple, <i>Malus</i> Flowering Crabapple, <i>Malus</i> Flowering Crabapple	Crab Apple - Centennial, Centurion, 'Cheerful Creek' (Centennial), 'Cheerful Creek' (Centennial)	3	9/29/17 Remove 'Spring Snow' to

DECIDUOUS TREES & EVERGREENS	<i>Malus ioensis</i>	Prairie Crab Apple	3	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Malus sargentii</i>	'Sargent, 'Candy mint', 'Select A' Firebird®	4	
DECIDUOUS TREES & EVERGREENS	<i>Metasequoia glyptostroboides</i>	Dawn Redwood	5	
DECIDUOUS TREES & EVERGREENS	<i>Metasequoia glyptostroboides</i>	Dawn Redwood - 'Gold Rush', 'Miss Grace', 'Waasland'	5	
DECIDUOUS TREES & EVERGREENS	<i>Microbiota decussata</i>	Russian Cypress	2	
DECIDUOUS TREES & EVERGREENS	<i>Morus alba</i>	White Mulberry - 'Chaparral'	4	8/30/16 Change from (Z5) to (Z4).
DECIDUOUS TREES & EVERGREENS	<i>Nyssa sylvatica</i>	Black Tupelo or Black Gum Tree	5	9/28/18 Change (Z4) to (Z5)
DECIDUOUS TREES & EVERGREENS	<i>Ostrya virginiana</i>	Ironwood	3	
DECIDUOUS TREES & EVERGREENS	<i>Oxydendrum arboreum</i>	Sorrel Tree	5	10/1/15 Change from (Z4) to (Z5).
DECIDUOUS TREES & EVERGREENS	<i>Parrotia persica</i>	Persian Parrotia	5	
DECIDUOUS TREES & EVERGREENS	<i>Phellodendron amurense</i>	Amur Corktree	3	
DECIDUOUS TREES & EVERGREENS	<i>Physocarpus opulifolius</i>	Tree Form Ninebark - 'Seward', 'Summer Wine™'	3	
DECIDUOUS TREES & EVERGREENS	<i>Physocarpus opulifolius</i>	Tree Form Ninebark - 'Center Glow' PP16,894	3	
DECIDUOUS TREES & EVERGREENS	<i>Physocarpus opulifolius</i>	Tree Form Ninebark - 'Monlo', 'Diablo®'	3	
DECIDUOUS TREES & EVERGREENS	<i>Picea abies</i>	Norway Spruce	2	
DECIDUOUS TREES & EVERGREENS	<i>Picea abies</i>	Bird's Nest Spruce, 'Nidiformis'	3	9/28/18 Move to Shrubs
DECIDUOUS TREES & EVERGREENS	<i>Picea abies</i>	Weeping Norway Spruce - 'Pendula'	3	9/28/18 Move to Shrubs
DECIDUOUS TREES & EVERGREENS	<i>Picea abies</i>	Norway Spruce - 'Little Gem'	4	9/28/18 Move to Shrubs
DECIDUOUS TREES & EVERGREENS	<i>Picea abies</i>	Dwarf Norway Spruce, 'Pumila'	3	9/28/18 Move to Shrubs
DECIDUOUS TREES & EVERGREENS	<i>Picea engelmannii</i>	Engelmann Spruce	2	
DECIDUOUS TREES & EVERGREENS	<i>Picea glauca</i>	Weeping White Spruce - 'Pendula'	2	
DECIDUOUS TREES & EVERGREENS	<i>Picea glauca</i>	Montrose Spire'	3	9/27/18 Added
DECIDUOUS TREES & EVERGREENS	<i>Picea glauca</i>	Dwarf Alberta Spruce (& Conical Form) Very sensitive to winter wind.	4	
DECIDUOUS TREES & EVERGREENS	<i>Picea glauca var. densata</i>	Black Hills Spruce (seed source)	3	
DECIDUOUS TREES & EVERGREENS	<i>Picea mariana</i>	Black Spruce	3	
DECIDUOUS TREES & EVERGREENS	<i>Picea mariana</i>	Blue Nest Spruce - 'Nana'	3	
DECIDUOUS TREES & EVERGREENS	<i>Picea meyeri</i>	Meyer's Spruce	4	
DECIDUOUS TREES & EVERGREENS	<i>Picea omorika</i>	Serbian Spruce	4	9/16/16 Added

DECIDUOUS TREES & EVERGREENS	<i>Picea omorika</i>	Pendula'	4	9/28/18 Added
DECIDUOUS TREES & EVERGREENS	<i>Picea pungens</i>	<del>Baby Blue Spruce</del> , 'Baby Blue'	3	
DECIDUOUS TREES & EVERGREENS	<i>Picea pungens</i>	Hoopsii'	2	9/3/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Picea pungens</i>	Majestic Blue'	2	9/3/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Picea pungens</i>	Colorado Spruce	2	
DECIDUOUS TREES & EVERGREENS	<i>Picea pungens</i>	Colorado Spruce - 'Glauca Globosa', 'Fat Albert', Slenderina® aka 'Glauca Slenderina Pendula'	3	
DECIDUOUS TREES & EVERGREENS	<i>Picea pungens var. glauca</i>	'Fastigiata' Spruce	2	
DECIDUOUS TREES & EVERGREENS	<i>Pinus banksiana</i>	Jack Pine	2	
DECIDUOUS TREES & EVERGREENS	<i>Pinus cembra</i>	Swiss Stone Pine - 'Herman' (Prairie Statesman)	3	
DECIDUOUS TREES & EVERGREENS	<i>Pinus contorta</i>	Lodgepole Pine	4	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Pinus contorta</i>	Lodgepole pine - 'Taylors Sunburst'	4	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Pinus densiflora</i>	Japanese Red Pine	4	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Pinus flexilis</i>	Limber Pine	2	
DECIDUOUS TREES & EVERGREENS	<i>Pinus flexilis</i>	Limber Pine - 'Vanderwolf's'	4	
DECIDUOUS TREES & EVERGREENS	<i>Pinus korensis</i>	Korean Pine	4	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Pinus mugo</i>	Mugo Pine - 'Tannenbaum'	2	
DECIDUOUS TREES & EVERGREENS	<i>Pinus mugo pumilio</i>	Mugo Pine	2	
DECIDUOUS TREES & EVERGREENS	<i>Pinus nigra</i>	Austrian Pine - Brepo® aka 'Prerrick Bregeon	4	
DECIDUOUS TREES & EVERGREENS	<i>Pinus parviflora</i>	Japanese White Pine 'Kinpo'	4	10/15/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Pinus ponderosa</i>	Ponderosa Pine	3	
DECIDUOUS TREES & EVERGREENS	<i>Pinus resinosa</i>	Red pine	2	12/31/14 Change to (Z2)
DECIDUOUS TREES & EVERGREENS	<i>Pinus strobus</i>	Eastern White Pine - 'Blue Shag', 'Fastigiata', 'Paton's Silver Splendor', 'Pendula'-	3	
DECIDUOUS TREES & EVERGREENS	<i>Pinus strobus</i>	Horsford' aka 'Horsford Dwarf', 'Horsford Nana'	3	9/3/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Pinus sylvestris</i>	Scotch Pine	2	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Pinus uncinata</i>	Mountian Pine	3	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Pinus x schwerinii</i>	Wiethosrt'	4	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Platanus x acerifolia</i>	Exclamation!™ aka 'Morton Circle', 'Bloodgood',	4	
DECIDUOUS TREES & EVERGREENS	<i>Populus angustifolia</i>	Narrowleaf Poplar	3	
DECIDUOUS TREES & EVERGREENS	<i>Populus balsamifera</i>	Balsam Poplar	2	

DECIDUOUS TREES & EVERGREENS	<i>Populus deltoides</i>	'Highland'	3	
DECIDUOUS TREES & EVERGREENS	<i>Populus deltoides</i>	'Siouxland'	3	
DECIDUOUS TREES & EVERGREENS	<i>Populus deltoides</i>	Eastern Cottonwood	3	
DECIDUOUS TREES & EVERGREENS	<i>Populus grandidentata</i>	Bigtooth Aspen	2	
DECIDUOUS TREES & EVERGREENS	<i>Populus nigra</i>	Theves Poplar - 'Afghanica'	2	
DECIDUOUS TREES & EVERGREENS	<i>Populus sargentii</i>	Jeronimus Sargent' Poplar	4	
DECIDUOUS TREES & EVERGREENS	<i>Populus tremula</i>	Columnar Swedish Aspen - 'Erecta'	2	
DECIDUOUS TREES & EVERGREENS	<i>Populus tremuloides</i>	Quaking Aspen	2	
DECIDUOUS TREES & EVERGREENS	<i>Populus tremuloides</i>	Mountian Sentinel®, Summer Shimmer aka 'Select Klaus'	3	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Populus tremuloides</i>	Prairie Gold' aka "NEArb'	4	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Populus x acuminata</i>	Lanceleaf Poplar	3	
DECIDUOUS TREES & EVERGREENS	<i>Populus x canadensis</i>	Poplar - 'Robusta'	3	
DECIDUOUS TREES & EVERGREENS	<i>Populus x canescens</i>	Poplar - 'Tower'	3	
DECIDUOUS TREES & EVERGREENS	<i>Prunus americana</i>	American Wild Plum	3	
DECIDUOUS TREES & EVERGREENS	<i>Prunus avium</i>	Mazzard Cherry	4	
DECIDUOUS TREES & EVERGREENS	<i>Prunus besseyi</i>	Western Sand Cherry - 'Pawnee Buttes'	3	
DECIDUOUS TREES & EVERGREENS	<i>Prunus blireana</i>	'Snofozam'	5	
DECIDUOUS TREES & EVERGREENS	<i>Prunus blireana</i>	Flowering Plum	5	
DECIDUOUS TREES & EVERGREENS	<i>Prunus campanulata x incisa</i>	'Okame'	5	
DECIDUOUS TREES & EVERGREENS	<i>Prunus cerasifera</i>	Myrobalan Plum	5	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Prunus cerasifera</i>	'Thundercloud'	5	
DECIDUOUS TREES & EVERGREENS	<i>Prunus cerasifera</i>	Newport Plum - Minnesota strain	4	
DECIDUOUS TREES & EVERGREENS	<i>Prunus cerasus</i>	Tart Cherry	4	
DECIDUOUS TREES & EVERGREENS	<i>Prunus incisa</i>	Little Twist® - aka 'CarltonLT'	5	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Prunus maackii</i>	Amur Chokecherry - 'Jefspur' Goldspur Amur Chokecherry	2	
DECIDUOUS TREES & EVERGREENS	<i>Prunus mahleb</i>	Mahaleb Cherry	4	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Prunus nigra</i>	Canada plum - 'Princess Kay'	2	
DECIDUOUS TREES & EVERGREENS	<i>Prunus padus</i>	May Day Tree - 'Berg Redleaf'	3	
DECIDUOUS TREES & EVERGREENS	<i>Prunus pensylvanica</i>	Pin Cherry	3	
DECIDUOUS TREES & EVERGREENS	<i>Prunus persica</i>	Flowering Peach - 'Corinthian White', 'Corinthian Rose'	5	10/15/19 Added.

DECIDUOUS TREES & EVERGREENS	<i>Prunus sargentii</i>	'Hokkaido Normandale' aka Spring Wonder™	4	
DECIDUOUS TREES & EVERGREENS	<i>Prunus sargentii</i>	Pink Flair® 'JFS-Kw58'	3	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Prunus serotina</i>	Wild Black Cherry	3	
DECIDUOUS TREES & EVERGREENS	<i>Prunus serrulata</i>	'Kwanzan', 'Mt. Fuji', 'Pendula', 'Royal Burgundy', 'Shirofugen', 'Shirotae'	5	
DECIDUOUS TREES & EVERGREENS	<i>Prunus subhirtella</i>	Pendula Plena Rosea', 'Pisnshzam', 'Rosea'	5	
DECIDUOUS TREES & EVERGREENS	<i>Prunus subhirtella</i>	'Pink Snow Showers'	5	
DECIDUOUS TREES & EVERGREENS	<i>Prunus virginiana</i>	Canada Red Cherry - 'Shubert Select'	2	
DECIDUOUS TREES & EVERGREENS	<i>Prunus virginiana</i>	Chokecherry	3	
DECIDUOUS TREES & EVERGREENS	<i>Prunus virginiana</i>	Sucker Punch® Chokecherry 'P002S'	3	9/28/18 Added
DECIDUOUS TREES & EVERGREENS	<i>Prunus x cerasifera</i>	Crimson Pointe™ aka 'Cripoissam'	4	
DECIDUOUS TREES & EVERGREENS	<i>Prunus x yedoensis</i>	'Shidare Yosino'	5	
DECIDUOUS TREES & EVERGREENS	<i>Prunus x yedoensis</i>	'Afterglow', 'Akebono'	5	
DECIDUOUS TREES & EVERGREENS	<i>Prunus x</i>	Weeping Extraordinaire™ aka 'Extrazam'	5	10/15/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Pseudolarix amabilis</i>	Golden Larch	4	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Pseudotsuga menziesii</i>	Douglas Fir	5	
DECIDUOUS TREES & EVERGREENS	<i>Pseudotsuga menziesii var. glauca</i>	Rocy Mountian Douglas Fir	4	9/30/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Pyrus</i>	Silver Ball Pear	4	
DECIDUOUS TREES & EVERGREENS	<i>Pyrus calleryana</i>	'Aristocrat', 'Chanticleer', 'Red spire', 'Trinity'	5	
DECIDUOUS TREES & EVERGREENS	<i>Pyrus calleryana</i>	Autumn Blaze Pear	4	
DECIDUOUS TREES & EVERGREENS	<i>Pyrus fauriei</i>	Korean Sun™, 'Westwood' Pear	4	9/11/18 Added (Z4)
DECIDUOUS TREES & EVERGREENS	<i>Pyrus ussuriensis</i>	Ussurian Pear - 'Mountian Frost' aka 'Bailfrost', 'Prairie Gem'	3	
DECIDUOUS TREES & EVERGREENS	<i>Quercus acutissima</i>	Sawtooth oak	5	
DECIDUOUS TREES & EVERGREENS	<i>Quercus alba</i>	White oak	3	
DECIDUOUS TREES & EVERGREENS	<i>Quercus alba x robur</i>	Crimson Spire'	4	
DECIDUOUS TREES & EVERGREENS	<i>Quercus bicolor</i>	Swamp White Oak	4	
DECIDUOUS TREES & EVERGREENS	<i>Quercus coccinea</i>	Scarlet Oak	4	
DECIDUOUS TREES & EVERGREENS	<i>Quercus dentata</i>	Japanese Emperor Oak	5	
DECIDUOUS TREES & EVERGREENS	<i>Quercus ellipsoidalis</i>	Northern Pin Oak - Majestic Skies™ aka 'Bailskies'	3	
DECIDUOUS TREES & EVERGREENS	<i>Quercus gambelii</i>	Gambel Oak	5	

DECIDUOUS TREES & EVERGREENS	<i>Quercus garryana</i>	Oregon Oak	6	2/11/15 Change from (Z5) to (Z6).
DECIDUOUS TREES & EVERGREENS	<i>Quercus imbricaria</i>	Shingle oak	5	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Quercus macrocarpa</i>	Bur Oak	3	
DECIDUOUS TREES & EVERGREENS	<i>Quercus macrocarpa</i>	Urban Pinnacle® 'JFS-KW3'	3	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Quercus muehlenbergii</i>	Chinkapin Oak	4	2/11/15 Change from (Z5) to (Z4).
DECIDUOUS TREES & EVERGREENS	<i>Quercus palustris</i>	Eastern Pin Oak	4	
DECIDUOUS TREES & EVERGREENS	<i>Quercus palustris</i>	Green Pillar® aka 'Pringreen' Pin Oak	4	
DECIDUOUS TREES & EVERGREENS	<i>Quercus robur var. fastigiata</i>	Columnar English Oak	5	
DECIDUOUS TREES & EVERGREENS	<i>Quercus robur x alba</i>	Skinny Genes' 'JFS-KW2QX'	4	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Quercus robur x bicolor</i>	Kindred Spirirt Oak, aka 'Nadler'	4	
DECIDUOUS TREES & EVERGREENS	<i>Quercus rubra</i>	Northern Red Oak	3	
DECIDUOUS TREES & EVERGREENS	<i>Quercus shumardii</i>	Shumard Oak - 'Panache'	5	
DECIDUOUS TREES & EVERGREENS	<i>Quercus x bimundorum</i>	Prairie Stature Oak - 'Midwest'	3	
DECIDUOUS TREES & EVERGREENS	<i>Quercus x macdanielii</i>	Heritage® aka 'Clemons' Oak	4	
DECIDUOUS TREES & EVERGREENS	<i>Quercus x warei</i>	Regal Prince® aka 'Long' Oak	4	
DECIDUOUS TREES & EVERGREENS	<i>Rhus glabra</i>	Smooth Sumac	3	
DECIDUOUS TREES & EVERGREENS	<i>Robinia hispida</i>	'Macrophylla'	5	
DECIDUOUS TREES & EVERGREENS	<i>Robinia pseudoacacia</i> (CANNOT BE SOLD IN MINNESOTA)	Black Locust - 'Purple Robe' Locust	3	9/29/17 Restricted Noxious Weed - CANNOT BE SOLD IN MINNESOTA
DECIDUOUS TREES & EVERGREENS	<i>Salix</i>	'Prairie Cascade'	3	
DECIDUOUS TREES & EVERGREENS	<i>Salix</i>	Golden Curls Willow	4	
DECIDUOUS TREES & EVERGREENS	<i>Salix alba</i>	Niobe aka 'Tristis' Weeping Willow	4	
DECIDUOUS TREES & EVERGREENS	<i>Salix arbuscula</i>	Mountian Willow	3	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Salix brachycarpa</i>	Blue Fox'	2	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Salix caprea</i>	Weeping aka 'Pendula' Pussy Willow	4	
DECIDUOUS TREES & EVERGREENS	<i>Salix commutata</i>	Undergreen Willow	2	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Salix discolor</i>	Pussy Willow	2	
DECIDUOUS TREES & EVERGREENS	<i>Salix integra</i>	Hakura Nishiki' Tree Form Willow	4	

DECIDUOUS TREES & EVERGREENS	<i>Salix integra</i>	Flamingo'	4	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Salix matsudana</i>	Corkscrew aka 'Tortuosa' Willow	4	
DECIDUOUS TREES & EVERGREENS	<i>Salix matsudana</i>	'Navajo'	5	
DECIDUOUS TREES & EVERGREENS	<i>Salix melanostachys</i>	Black Pussy willow	5	
DECIDUOUS TREES & EVERGREENS	<i>Salix nakamuraana</i>	Nakamuraana Willow	4	9/16/16 Added
DECIDUOUS TREES & EVERGREENS	<i>Salix nigra</i>	Black Willow	3	
DECIDUOUS TREES & EVERGREENS	<i>Salix pentandra</i>	Laurel Willow - Prairie Reflection® aka 'Silver Lake'	2	
DECIDUOUS TREES & EVERGREENS	<i>Salix purpurea</i>	Dwarf Blue Leaf Arctic Willow - 'Nana' - Tree Form	3	
DECIDUOUS TREES & EVERGREENS	<i>Sassafras albidum</i>	Common Sassafras	5	9/28/18 Change from (Z4) to (Z5)
DECIDUOUS TREES & EVERGREENS	<i>Sorbus alnifolia</i>	Korean Mountain Ash	4	
DECIDUOUS TREES & EVERGREENS	<i>Sorbus aucuparia</i>	European Mountain Ash	3	
DECIDUOUS TREES & EVERGREENS	<i>Sorbus aucuparia</i>	Cardinal Royal® aka 'Michred' Mountain Ash	2	8/27/15 Change from (Z3).
DECIDUOUS TREES & EVERGREENS	<i>Sorbus decora</i>	Showy Mountain Ash	2	
DECIDUOUS TREES & EVERGREENS	<i>Sorbus hybrida</i>	Oak Leaf Mountain Ash	4	
DECIDUOUS TREES & EVERGREENS	<i>Syringa pekinensis</i>	Beijing Gold® aka 'Zhang Zhiming' Pekin Tree Lilac	4	
DECIDUOUS TREES & EVERGREENS	<i>Syringa pekinensis</i>	Summer Charm® aka 'DTR124'	3	10/15/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Syringa reticulata</i>	Golden Eclipse Lilac	4	
DECIDUOUS TREES & EVERGREENS	<i>Syringa reticulata</i>	Ivory Silk® Lilac, 'Ivory Pillar', 'Snowcap' aka 'Elliot', 'Summer Storm' PPAF	3	
DECIDUOUS TREES & EVERGREENS	<i>Syringa reticulata</i>	Japanese Tree Lilac	3	
DECIDUOUS TREES & EVERGREENS	<i>Syringa reticulata</i>	Japanese Tree Lilac - Snowdance™ aka 'Bailance'	3	
DECIDUOUS TREES & EVERGREENS	<i>Syringa x "Penda"</i>	Bloomerang® Tree	3	
DECIDUOUS TREES & EVERGREENS	<i>Taxodium distichum</i>	Baldcypress	5	
DECIDUOUS TREES & EVERGREENS	<i>Taxodium distichum</i>	Lindsey's Skyward™ aka 'Skyward' PP22,812, Shawnee Brave® aka 'Mickelson'	5	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Tilia americana</i>	American Linden - American Sentry® Linden aka 'McKSentry', 'Boulevard', Frontyard® Linden aka 'Bailyard', 'Redmond'	3	
DECIDUOUS TREES & EVERGREENS	<i>Tilia cordata</i>	Littleleaf Linden - 'Corzam', 'Corinthian', 'Bailey' Shamrock®, 'Greenspire'	4	
DECIDUOUS TREES & EVERGREENS	<i>Tilia tomentosa</i>	'Sterling Silver'	5	

DECIDUOUS TREES & EVERGREENS	<i>Tilia tomentosa</i>	Silver Lining™	5	9/16/19 Added.
DECIDUOUS TREES & EVERGREENS	<i>Tilia x flavescens</i>	Glenleven Linden	4	
DECIDUOUS TREES & EVERGREENS	<i>Tilia x mongolica</i>	Harvest Gold Linden	2	
DECIDUOUS TREES & EVERGREENS	<i>Tsuga canadensis</i>	Canadian Hemlock	3	3/24/14 Move from (Z4) to (Z3).
DECIDUOUS TREES & EVERGREENS	<i>Ulmus</i>	Pioneer', 'Morton Plainsman' aka Vanguard Elm, 'Cathedral', 'Homestead', Accolade® aka 'Morton', Triumph™ aka 'Morton Glossy', 'Patriot', 'Prospector' 'Homestead', 'Morton Stalwart', Commendation™, 'New Horizon'	4	9/11/18 Added 'Patriot', 'Prospector' 'Homestead' Morton Stalwart, 'New Horizon', 'Commendation'
DECIDUOUS TREES & EVERGREENS	<i>Ulmus americana</i>	American Elm – 'Lewis and Clark', 'Prairie Expedition, 'St Croix'	3	9/11/18 Added 'St. Croix'
DECIDUOUS TREES & EVERGREENS	<i>Ulmus americana</i>	New Harmony'	4	
DECIDUOUS TREES & EVERGREENS	<i>Ulmus americana</i>	American Elm – 'Princeton', 'Valley Forge'	4	
DECIDUOUS TREES & EVERGREENS	<i>Ulmus carpinifolia</i>	'New Horizon'	4	8/19/19 Added
DECIDUOUS TREES & EVERGREENS	<i>Ulmus carpinifolia x parvifolia</i>	'Frontier'	5	
DECIDUOUS TREES & EVERGREENS	<i>Ulmus glabra</i>	'Camptown', 'Horizontalis', 'Pendula'	5	
DECIDUOUS TREES & EVERGREENS	<i>Ulmus glabra</i>	'Camperdownii'	5	
DECIDUOUS TREES & EVERGREENS	<i>Ulmus japonica</i>	'Discovery'	3	9/17/15 Change from (Z4) to (Z3).
DECIDUOUS TREES & EVERGREENS	<i>Ulmus parvifolia</i>	'Allee', 'Aross/Central Park', 'Bosque', 'Burgundy', 'Central Park Splendor', 'Golden Rey', 'Hokkaido', 'King's Choice', 'Prince Richard', 'Seiju', 'Yatsubusa'	5	
DECIDUOUS TREES & EVERGREENS	<i>Viburnum rhytidophyloides x burejaeticum</i>	Emerald Triumph Viburnum Tree Form	4	
DECIDUOUS TREES & EVERGREENS	<i>Viburnum lenatago</i>	Nannyberry Viburnum – Tree Form	3	
DECIDUOUS TREES & EVERGREENS	<i>Viburnum lenatago</i>	Nannyberry Viburnum – Homefree™	3	9/28/18 Added
DECIDUOUS TREES & EVERGREENS	<i>Viburnum trilobum</i>	Redwing® aka 'J.N. Select' Cranberry Bush – Tree Form	2	
DECIDUOUS TREES & EVERGREENS	<i>Xanthoceras sorbifolium</i>	Yellowhorn	4	9/28/18 Change from (Z3) to (Z4)
DECIDUOUS TREES & EVERGREENS	<i>Zelkova serrata</i>	Zelkova - 'Green Vase'	6	2/11/15 Change from (Z5) to (Z6).



DECIDUOUS TREES & EVERGREENS Specially Regulated Plant	<i>Acer ginnala</i>	<del>Amur Maple - Specially Regulated Plant Must have label Plant where seedlings will be controlled and at least 100 yards from natural areas.</del>	3	Specially-Regulated Plant Must have label Plant where seedlings will be controlled and at least 100 yards from natural areas.
FRUIT (Also listed under VINES)	<i>Actinidia arguta</i>	"Issai" Hardy Kiwi	5	12/1/14 Change from (Z4) to (Z5) 9/29/17 MNLA (Z4)
VINES (Also listed under VINES)	<i>Actinidia arguta</i>	var. arguta	3 to 5	10/10/19 Added
FRUIT	<i>Fragaria x ananassa</i>	Strawberry - 'Annapolis', 'Cavendish', 'Glooscap', 'Sparkle'	3	
FRUIT	<i>Fragaria x ananassa</i>	Strawberry - 'Fort Laramie'	3	8/16/18 (Z3)
FRUIT	<i>Fragaria x ananassa</i>	Strawberry - 'Jewel', 'Seascape', 'Cabot', 'Valley Sunset	4	8/16/2018 JL (Z4)
FRUIT	<i>Fragaria x ananassa</i>	Strawberry - 'Honeoye', 'Wendy',	3	
FRUIT	<i>Lonicera caerulea</i>	Honeyberry - 'Aurora', 'Berry Blue', 'Borealis', 'Cinderella', 'Tundra',	3	9/28/18 Added, 11/26/18 change from Z(4) to Z(3)
FRUIT	<i>Lycium barbarum</i>	Goji Berry - 'Dynamite'	5	10/2/2015 Added 9/28/18 Added cultivar 'Dynamite'
FRUIT	<i>Malus</i>	Candy Crisp'	4	9/24/15 Newer introduction, More trial information needed.
FRUIT	<i>Malus</i>	Firestorm™ Honeycrisp	4	9/3/19 Added
FRUIT	<i>Malus</i>	Kindercrisp'	4	8/19/19 Added
FRUIT	<i>Malus</i>	Blushing Delight™, Tasty Red™	4	8/19/19 Added
FRUIT	<i>Malus</i>	Colonnade®	4	4/30/15 Added
FRUIT	<i>Malus</i>	<del>Apple</del> - 'Minnewashata' Zestar!®	3	12/31/14 Change to (Z3).
FRUIT	<i>Malus (Fruiting apples)</i> Flowering Crabapples are listed under DECIDUOUS TREES & EVERGREENS	Apple - 'Beacon', 'Connell Red', 'Cortland', 'Fireside', 'Freedom', 'Gravenstein', 'Hat Trick', 'Hazen', 'Honeycrisp', 'Honeygold', 'Van Linn', 'Liberty' 'McIntosh', 'Macoun', 'Northwest Greening', 'Red Baron', 'Red Prairie Spy', 'Red Regent', 'Wildung' SnowSweet®, 'Stella', 'Sweet Sixteen', 'Triple Play-Early', 'Triple Play-Mid', 'Triple Play-Late', 'Wealthy', 'Co-op 31', 'Wolf River'	4	12/31/14 'Minnewashata' Zestar!® moved to (Z3), 9/17/15 MNLA 'Beacon', 'Gravenstein', 'Hazen', 'Red Baron' to (Z3).
FRUIT	<i>Malus domestica</i>	<del>Apple</del> - 'Ace', 'Acey Mac', 'Adams Apple', 'Akane', 'Ambrosia', 'Arkansas Black', 'Arlet', 'Aurora', 'Autumn Gold', 'Autumn Rose Fuji', 'Braeburn', 'Cameo', 'Crimson Gala', 'Fiero', 'Fuji', 'Gala', 'Ginger Gold', 'Red Stayman', 'Red Winesap', 'Royal Gala', 'Thom McIntosh'	5	9/17/15 Move Gravenstein already in above (Z4).

FRUIT	<i>Malus domestica</i>	Apple - 'Callaway' Crabapple, 'Jonathan'	5	
FRUIT	<i>Malus domestica</i>	Apple - 'Golden Delicious', 'Yellow Delicious'	5	
FRUIT	<i>Malus domestica</i>	Red McIntosh', 'Red Wealthy', 'Ruby Mac', 'Spartan'	4	
FRUIT	Malus x	Apple - 'Norland', 'Chestnut'	2	
FRUIT	Malus x	Apple - 'Frostbite', 'Goodland', 'Gravestain', 'Lautz', 'Haralred@', 'Haralson', 'Northern Lights', 'Jefdale', 'Prairie Magic@', 'Red Duchess', 'State Fair', 'Wodarz', 'Yellow Transparent'	3	
FRUIT	<i>Prunus</i>	Plum - 'Brooks', 'Santa-Rosa'	5	
FRUIT	<i>Prunus</i>	Plum - 'Blues Jam'	5	
FRUIT	<i>Prunus</i>	Cherry Plum - 'Compass', 'Red Diamond', 'Sapalta'	3	
FRUIT	<i>Prunus</i>	Plum - 'Alderman', 'La Crescent', 'Mount Royal', 'Superior', 'Toka'	4	8/14/18 Added 'Toka'
FRUIT	<i>Prunus</i>	Plum - BlackIce™ aka 'Lydecker'	4	
FRUIT	<i>Prunus armeniaca</i> var. <i>mandshurica</i>	Apricot - 'Goldstrike', 'Moorpark',	5	9/17/15 Move 'Pioneer' from (Z5) to (Z4).
FRUIT	<i>Prunus armeniaca</i> var. <i>mandshurica</i>	Apricot - 'Brookcot', 'Debbie's Gold', 'Moongold', 'Scout', 'Sungold', 'Wescot'	4	
FRUIT	<i>Prunus armeniaca</i> var. <i>mandshurica</i>	Pioneer'	4	9/17/15 Moved from (Z5) to (Z4).
FRUIT	<i>Prunus avium</i>	Cherry - 'Lapins'	5	9/17/15 Change from (Z4) to (Z5)
FRUIT	<i>Prunus avium</i>	Cherry - 'Bing'	5	
FRUIT	<i>Prunus avium</i>	Cherry - 'Black Tartarian'	5	10/15/19 Added.
FRUIT	<i>Prunus avium</i>	Cherry - 'Rainier'	5	
FRUIT	<i>Prunus avium</i>	Cherry - 'Stella'	5	
FRUIT	<i>Prunus avium</i>	Cherry - 'Sweetheart'	5	
FRUIT	<i>Prunus cerasus</i>	Carmine Red Jewel, Purple Passion	3	
FRUIT	<i>Prunus cerasus</i>	Cherry - 'Evans Bali'	3	
FRUIT	<i>Prunus cerasus</i>	Cherry - 'Mesabi', 'Meteor', 'North Star', 'Sweet Cherry Pie™' aka 'Eubank'	4	
FRUIT	<i>Prunus cerasus</i>	Cherry - 'Montmorency'	5	
FRUIT	<i>Prunus domestica</i>	Allred', 'Bruce', 'Early Italian', 'Empress', 'French Improved', 'Green Gage', 'Italian', 'President', 'Stanley', 'Sugar Prune'	5	
FRUIT	<i>Prunus domestica</i>	'Mt. Royal'	4	
FRUIT	<i>Prunus persica</i>	Apricot - 'Brookcot', 'Debbie's Gold', 'Scout', 'Wescot'	3	9/29/17 MNLA Prunus persica cultivars listed are apricots remove these two lines

FRUIT	<i>Prunus persica</i>	Apricot – ‘Moongold’,	4	9/29/17 MNLA Prunus persica cultivars listed are apricots remove these two lines
FRUIT	<i>Prunus persica</i>	Peach - ‘Bailey Hardy Peach’, ‘Belle of Georgia’, ‘Elberta’, ‘RedHaven’, ‘Saturn’, ‘Sugar Princess’	5	
FRUIT	<i>Prunus persica</i>	Peach – ‘Contender’	4	
FRUIT	<i>Prunus persica</i>	Peach - ‘Reliance’	5	
FRUIT	<i>Prunus salicina</i>	Abundance’, ‘Burbank’, ‘Catalina’, ‘Santa Rosa’, ‘Santa Rosa Weeping’, ‘Simka’, ‘Methley Plum’, ‘Shiro’	5	
FRUIT	Prunus x	‘Pembina’, ‘Pipestone’, ‘Toka’, ‘Waneta’	3	
FRUIT	Prunus x	Sweet Cherry Pie™ aka ‘Eubank’	4	
FRUIT	Prunus x	Juliet Sweet Bush, Cherry Carmine Jewel Bush	?	9/19/19 Added
FRUIT	Prunus x kerrasis	Canadian Dwarf Sour Cherries	2	9/16/16 Added
FRUIT	<i>Pyrus</i>	Pear – ‘Gourmet’, ‘Luscious’, ‘Patten’, ‘Seckel’,	4	10/1/15 Change from (Z5) to (Z4).
FRUIT	<i>Pyrus</i>	Pear - Tawara Asian Pear	4	
FRUIT	<i>Pyrus</i>	Pear - ‘Parker’	3	8/19/19 Added
FRUIT	<i>Pyrus communis</i>	Pear - ‘Angel Wing’, ‘Anjou’, ‘Ayers’, ‘Bartlett’, ‘Bosc’,	5	
FRUIT	<i>Pyrus communis</i>	Pear - ‘Clapps Favorite’	5	
FRUIT	<i>Pyrus communis</i>	Pear - ‘Comice’	5	
FRUIT	<i>Pyrus communis</i>	Pear - ‘Duchess’	5	
FRUIT	<i>Pyrus communis</i>	Pear - ‘Kieffer’	5	
FRUIT	<i>Pyrus communis</i>	Pear - ‘Magness’	5	
FRUIT	<i>Pyrus communis</i>	Pear - ‘Moonglow’	5	
FRUIT	<i>Pyrus pyrifolia</i>	Shinko Asian Pear	5	8/21/17 Added
FRUIT	Pyrus x	Pear - ‘Jefgold’	3	9/17/15 Move ‘Jefgold’ from list.
FRUIT	Pyrus x	Pear – ‘Early Gold’, ‘Golden Spice’, ‘Ure’	3	
FRUIT	<i>Ribes</i>	Currant - ‘Hinnomaki Red’	4	9/6/16 Spelling change JL.
FRUIT	<i>Ribes</i>	Currant - ‘Pixwell’, ‘Hinnomaki’, ‘Invicta’, ‘Tixia’	3	
FRUIT	<i>Ribes</i>	Currant – ‘Consort’ Black Current, ‘Red Lake’	3	
FRUIT	<i>Ribes nigrum</i>	Currant - ‘Ben Sarek’	3	
FRUIT	<i>Ribes x culverwelii</i>	Jostaberry	3	
FRUIT	<i>Rubus</i>	Royalty’	4	9/19/18 Added 9/28/18 Change nomenclature delete ‘hybrids’
FRUIT	<i>Rubus idaeus</i>	Raspberry – ‘Amity’, ‘Souris’ ‘Boyne’, ‘Killarney’, ‘Nova’	3	
FRUIT	<i>Rubus idaeus</i>	Raspberry - ‘Joan’	4	10/15/19 Added.
FRUIT	<i>Rubus idaeus</i>	Raspberry - Raspberry Shortcake® ‘NR7’ PP22,141	4	10/15/19 Added.
FRUIT	<i>Rubus idaeus</i>	Raspberry - ‘Latham’	3	09/28/18 Added

FRUIT	<i>Rubus idaeus</i>	Lincoln', 'Pineapple'	5	
FRUIT	<i>Rubus idaeus</i>	Prelude', Bristol, Jewel	4	
FRUIT	<i>Rubus idaeus</i>	Polana'	4	10/15/19 Added.
FRUIT	<i>Rubus idaeus</i>	'Tulameen'	5	
FRUIT	<i>Rubus occidentalis</i>	'Bristol' Black,	4	
FRUIT	<i>Rubus x</i>	Raspberry - 'Anne', 'Anne Yellow', 'Autumn Britten', 'Caroline', 'Coho'	4	9/28/18 Change nomenclature delete 'hybrids'
FRUIT	<i>Rubus x</i>	Raspberry - 'Apache'	6	9/28/18 Change nomenclature delete 'hybrids'
FRUIT	<i>Rubus x</i>	Raspberry 'Cascade Delight'	6	9/28/18 Change nomenclature delete 'hybrids'
FRUIT	<i>Rubus x</i>	Raspberry - 'Cherokee'	6	9/28/18 Change nomenclature delete 'hybrids'
FRUIT	<i>Rubus x</i>	'Darrow'	5	9/28/18 Change nomenclature delete 'hybrids'
FRUIT	<i>Rubus x</i>	Blackberry - 'Illini Hardy', 'Prime Jim', 'Prime Jan'	5	9/28/18 Change nomenclature delete 'hybrids'
FRUIT	<i>Rubus x</i>	Blackberry - Baby Cakes™ 'APF-236T'	4	9/28/18 Change nomenclature delete 'hybrids'
FRUIT	<i>Rubus x</i>	'Arapaho'	6	9/28/18 Change nomenclature delete 'hybrids'
FRUIT	<i>Rubus x</i>	Blackberry - 'Triple Crown'	6	9/28/18 Change nomenclature delete 'hybrids', Change Raspberry to Blackberry
FRUIT	<i>Rubus x</i>	Raspberry - 'Autumn Bliss'	5	9/28/18 Change nomenclature delete 'hybrids'
FRUIT	<i>Rubus x</i>	'Chester'	5	9/28/18 Change nomenclature delete 'hybrids'
FRUIT	<i>Rubus x</i>	'Cheyenne'	6	9/28/18 Change nomenclature delete 'hybrids'
FRUIT	<i>Vaccinium</i>	'Toro'	5	
FRUIT	<i>Vaccinium</i>	'Bluegold'	4	
FRUIT	<i>Vaccinium</i>	'Bluejay'	4	

FRUIT	<i>Vaccinium</i>	'Blueray'	4	
FRUIT	<i>Vaccinium</i>	'Brigita'	4	
FRUIT	<i>Vaccinium</i>	'Chandler'	4	
FRUIT	<i>Vaccinium</i>	'Duke'	4	
FRUIT	<i>Vaccinium</i>	'Elliot'	4	
FRUIT	<i>Vaccinium</i>	'Jersey'	4	
FRUIT	<i>Vaccinium</i>	'Jubilee'	5	
FRUIT	<i>Vaccinium</i>	'Misty Blue', 'Sunshine Blue'	5	
FRUIT	<i>Vaccinium</i>	'Northcountry'	3	
FRUIT	<i>Vaccinium</i>	'Northsky'	3	
FRUIT	<i>Vaccinium</i>	'Patriot'	4	
FRUIT	<i>Vaccinium</i>	'Pink Lemonade'	4	
FRUIT	<i>Vaccinium</i>	'Polaris'	3	
FRUIT	<i>Vaccinium</i>	'St. Cloud'	3	
FRUIT	<i>Vaccinium</i>	'Superior'	3	
FRUIT	<i>Vaccinium</i>	'Abundance', 'Avonblue', 'Blue Ridge', 'Emerald', 'Farthing', 'Georgiagem', 'Jewel', 'Magnolia', 'Rebel', 'Sapphire', 'Scintilla', 'Sharpblue', 'Snowchaser', 'Southern Belle', 'Springwide', 'Summit', 'Sweetcrisp'	7	
FRUIT	<i>Vaccinium</i>	Biloxi', 'Bountiful Blue', 'Jubilee', 'O'Neal', 'Ornablue', 'Spartan'	6	
FRUIT	<i>Vaccinium</i>	'Blue Suede', 'Bluecrisp', 'Camellia', 'Cape Fear', 'Ozarkblue', 'Palmetto', 'Santa Fe', 'Southmoon', 'Suziblue', 'Windsor'	6	
FRUIT	<i>Vaccinium</i>	'Bluecrop'	4	
FRUIT	<i>Vaccinium</i>	'Bonus'	4?	
FRUIT	<i>Vaccinium</i>	'Chippewa'	3	
FRUIT	<i>Vaccinium</i>	'Northblue'	3	
FRUIT	<i>Vaccinium</i>	'Gulf Coast'	7	
FRUIT	<i>Vaccinium</i>	'Millennia'	6	
FRUIT	<i>Vaccinium</i>	'Misty', 'Misty Blue'	5	
FRUIT	<i>Vaccinium</i>	'Primadonna', 'Reveille', 'Springhigh', 'Star'	7	
FRUIT	<i>Vaccinium corymbosum</i>	Jelly Bean'	4	More trial information needed.
FRUIT	<i>Vaccinium corymbosum</i>	'Draper'	5	
FRUIT	<i>Vaccinium corymbosum</i>	'Aurora', 'Collins', 'Darrow', 'Legacy', 'Nui'	5	
FRUIT	<i>Vaccinium corymbosum</i>	'Berkeley'	5	
FRUIT	<i>Vaccinium corymbosum</i>	'Earliblue'	5	
FRUIT	<i>Vaccinium corymbosum</i>	'Liberty'	5	
FRUIT	<i>Vaccinium corymbosum</i>	'Reka'	4	
FRUIT	<i>Vaccinium corymbosum</i> x <i>angustifolium</i>	'Northland'	4	
FRUIT	<i>Vaccinium macrocarpon</i>	Cranberry	3	9/16/16 Added
FRUIT	<i>Vaccinium ovatum</i>	'Fall Creek', 'Thunderbird'	6	
FRUIT	<i>Vaccinium virgatum</i>	Rabbit Eye Blueberry	8	
FRUIT	<i>Vaccinium darrowii</i>		8	

FRUIT	<i>Vitis</i>	'Bluebell', 'Edelweiss', 'Frontenac Blanc', 'Frontenac™', 'Frontenac Gris™', 'Itasca', 'LaCrescent™', 'Marquette', 'Osceola Muscat', 'St. Croix™', 'Worden'	4	9/6/16 Change 'Osceola', 'Muscat' to 'Osceola Muscat', add Frontenac Blanc, 9/20/17 JL add 'Itasca', 9/19/18 Added King of the North'
FRUIT	<i>Vitis</i>	'King of the North',	3	4/24/19 Move from above
FRUIT	<i>Vitis</i>	'Golden Muscat'	5	
FRUIT	<i>Vitis</i>	'Himrod', 'Interlaken Seedless', 'Lucil', 'Canadice'	5	
FRUIT	<i>Vitis</i>	Swenson Red Grape	4	
FRUIT	<i>Vitis - Grape</i>	Somerset Seedless'	4	8/27/15 Added (Z4),
FRUIT	<i>Vitis - Grape</i>	Crimson Pearl' aka T.P. 2-1-17	4	9/3/19 Added
FRUIT	<i>Vitis - Grape</i>	Petite Pearl' aka TP 2-1-24	4	9/3/19 Added
FRUIT	<i>Vitis - Grape</i>	Verona' aka T.P. 1-1-34	4	9/3/19 Added
FRUIT	<i>Vitis labrusca</i>	Caco', 'California Concord', 'Campbell Early', 'Catawba', 'Champanel', 'Delaware', 'Eastern Concord', 'Einset', 'Fresno Seedless', 'Glenora', 'Inkameep Riesling', 'Lakemont', 'Mars', 'Moored', 'Niagara', 'Okanagan Riesling', 'Reliance Seedless', 'Romulus', 'Van Buren',	5	
FRUIT	<i>Vitis labrusca</i>	Concord'	5	
FRUIT	<i>Vitis labrusca</i>	'Fredonia'	5	
FRUIT	<i>Vitis labrusca</i>	'Kay Gray'	3	
FRUIT	<i>Vitis labrusca</i>	'LaCrosse'	5	
FRUIT	<i>Vitis labrusca</i>	'Vanessa Seedless'	5	
FRUIT	<i>Vitis x</i>	Grape - 'Beta', 'Valiant'	3	
FRUIT/PRODUCE	<i>Asparagus officinalis</i>	Asparagus - 'Jersey Knight', 'Mary Washington', 'Purple Passion', 'Sweet Purple'	3	
FRUIT/PRODUCE	<i>Rheum</i>	Rhubarb - 'Chipmans Canada Red'	3	
GRASSES	<i>Acorus americanus</i>	American Sweet Flag	3	9/28/18 Added
GRASSES	<i>Alopecurus pratensis</i>	Yellow foxtail	4	
GRASSES	<i>Andropogon gerardii</i>	Big Bluestem	3	8/28/15 Change from (Z4) to (Z3).
GRASSES	<i>Arrhenatherum elatius subsp. bulbosum</i>	Bulbous oatgrass 'Variegatum'	3	
GRASSES	<i>Bouteloua curtipendula</i>	Side oats grama	3	
GRASSES	<i>Bouteloua gracilis</i>	Side oats grama - 'Blonde Ambition'	5	9/13/18 Added MM cultivar has not been hardy in (Z4), 4/2/18 change from curtipendula to gracilis per Mike Heger
GRASSES	<i>Bouteloua gracilis</i>	Blue grama	3	
GRASSES	<i>Bromus inermis</i>	Brome grass - 'Skinner's gold'	3	

GRASSES	<i>Calamagrostis brachytricha</i>	Fall Blooming Feather Reed Grass	3	
GRASSES	<i>Calamagrostis x acutiflora</i>	Feather Reed grass - 'Overdam'	3	
GRASSES	<i>Calamagrostis x acutiflora</i>	Feather Reed Grass - 'Avalanche', 'Eldorado', 'Karl Foerster'	3	
GRASSES	<i>Carex elata</i>	Bowles Golden Sedge - 'Aurea'	4	9/8/15 Added
GRASSES	<i>Carex flacca</i>	Blue Zinger' Blue Sedge (syn. <i>Carex glauca</i> ) 'Blue Zinger'	4	9/29/18 Added
GRASSES	<i>Carex grayi</i>	Grays sedge	3	
GRASSES	<i>Carex laxiculmis</i>	Sedge - 'Bunny Blue'	4	9/8/15 Added
GRASSES	<i>Carex mowrowii</i>	Sedge - 'Ice Dance', 'Ice Ballet'	4	
GRASSES	<i>Carex mowrowii</i>	Japanese grass sedge	5	
GRASSES	<i>Carex muskingumensis</i>	'Little Midge', 'Oehme'	4	
GRASSES	<i>Carex muskingumensis</i>	Palm sedge	3	
GRASSES	<i>Carex nigra</i>	'Variegata'	4	
GRASSES	<i>Carex pennsylvanica</i>	Pennsylvania Sedge	3	9/28/18 Added
GRASSES	<i>Carex radiata</i>	Eastern star sedge	4	
GRASSES	<i>Carex siderosticha</i>	Striped Broad-Leaved Sedge	4	
GRASSES	<i>Chasmanthium latifolium</i>	Northern Sea Oats, River Oats	4	
GRASSES	<i>Deschampsia cespitosa</i>	Bronzeschiel', 'Goldenstaub', 'Northern Lights', 'Schottland'	4	
GRASSES	<i>Deschampsia cespitosa</i>	Tufted Hair Grass	3	
GRASSES	<i>Elymus hystrix</i>	Bottlebrush Grass	4	
GRASSES	<i>Erianthus ravennae</i>	Hardy Pampas Grass	5	8/21/17 Added
GRASSES	<i>Festuca glauca</i>	Fescue 'Boulder Blue', 'Elijah Blue', 'Solling'	3	
GRASSES	<i>Hakonechloa macra</i>	Hakone grass - 'Albo-striata', 'All Gold', 'Aureola',	4	
GRASSES	<i>Helictotrichon sempervirens</i>	Sapphire Blue Oat Grass 'Saphirsprudel'	3	
GRASSES	<i>Hierochloa odorata</i>	Sweetgrass	4	
GRASSES	<i>Koeleria macrantha</i>	June grass	4	
GRASSES	<i>Leymus arenarius</i>	Blue lymegrass	3	
GRASSES	<i>Luzula sylvatica</i>	Wood rush	4	
GRASSES	<i>Melica altissima var. atropurpurea</i>	Bowels golden millet, 'Aureum'	4	
GRASSES	<i>Miscanthus</i>	Red Flame Grass - 'Purpurascens'	3	
GRASSES	<i>Miscanthus x giganteus</i>	Giant miscanthus	3	
GRASSES	<i>Miscanthus sacchariflorus</i>	Silver Banner Grass INVASIVE NOT RECOMMENDED	4	
GRASSES	<i>Miscanthus sinensis</i>	Miscanthus - 'Malpartus'	3	
GRASSES	<i>Miscanthus sinensis</i>	Blondo', 'Bluetenwunder', 'Ferner Osten', 'Flamingo', 'Goliath', 'Gracillimus', 'Graziella', 'Grosse Fontaene', 'Herkules', 'Juli', 'Klein Fontaene', 'Mt. Washington', 'Nippon', 'November Sunset', 'Positano', 'Puenktchen', 'Rigoletto', 'Roland', 'Rotsilber', 'Silberpfeil', 'Silberspinne', 'Silberturm', 'Sirene', 'Strictus', 'Superstripe', 'Undine', 'Variegatus', 'Zebrinus', 'Zwergelefant'	4	
GRASSES	<i>Miscanthus sinensis</i>	'Silberfeder'	3	
GRASSES	<i>Miscanthus sinensis</i>	Little Miss'	5	9/29/18 Added
GRASSES	<i>Molinia caerulea</i>	Dauerstrahl', 'Heidebraut', 'Moorflamme', 'Moorhexe', 'Skyracer', 'Strahlenquelle', 'Transparent', 'Poul Peterson'	4	9/1/15 Added 'Paul Peterson', 9/30/16 Spelling Change Poul Peterson.

GRASSES	<i>Molinia caerulea</i>	'Variegata'	3	
GRASSES	<i>Molinia caerulea subsp. arundinacea</i>	Windplay tall moorgrass, 'Windspiel'	3	
GRASSES	<i>Panicum amarum</i>	Dewey Blue'	4	9/1/15 Added
GRASSES	<i>Panicum virgatum</i>	Dallas Blues'	5	
GRASSES	<i>Panicum virgatum</i>	Switch Grass - 'Badlands', 'Cheyenne Sky', 'Cloud 9', 'Dacotah', 'Dust Devil', 'Haense Herms', 'Heavy Metal', 'Heiliger Hain', 'Hot Rod', 'Huron Solstice', 'Northwind', 'Prairie Fire', 'Prairie Sky', 'Red Sunset', 'Rehbraun', 'Rotstrahlbusch', 'Ruby Ribbons', 'Shenandoah', 'Sunburst', 'ThunderCloud', 'Warrior'	4	
GRASSES	<i>Panicum virgatum</i>	Switchgrass	3	
GRASSES	<i>Panicum virgatum</i>	Blue Fountain'	4	8/29/19 Added
GRASSES	<i>Pennisetum alopecuroides (not recommended prolific seeder MM)</i>	Chinese fountain grass - 'Burgundy Bunny', 'Hamlin', 'Red Head'	4	9/1/15 Added 'Hamlin', 'Red Head'.
GRASSES	<i>Phalaris arundinacea (not recommended aggressive grower)</i>	Strawberries & Cream Ribbon Grass, 'Feeseys Form'	3	
GRASSES	<i>Schizachyrium scoparium</i>	Little bluestem - 'Blaze', 'Carrousel', 'MinnBlueA' Blue Heaven', 'Prairie Blues', 'The Blues', 'Jazz'	3	9/1/15 Added 'Jazz'.
GRASSES	<i>Sesleria autumnalis</i>	Autumn Moor Grass	4	
GRASSES	<i>Sesleria caerulea</i>	Blue moorgrass	4	
GRASSES	<i>Sesleria heufleriana</i>	Blue-green moorgrass	4	
GRASSES	<i>Sorghastrum nutans</i>	Indian Grass	3	
GRASSES	<i>Spartina pectinata</i>	Cordgrass 'Aureomarginata'	3	
GRASSES	<i>Spodiopogon sibiricus</i>	Silver spikegrass	3	
GRASSES	<i>Sporobolus heterolepis</i>	'Tara', 'Morning Mist'	4	9/1/15 Added 'Morning Mist' (Z4).
GRASSES	<i>Sporobolus heterolepis</i>	Prairie dropseed	3	
PERENNIALS	<i>Athyrium filix-femina</i>	Lady Fern - 'Dre's Dagger', 'Lady in Red'	4	
PERENNIALS	<i>Athyrium niponicum</i>	Japanese Painted Fern - 'Pictum'	4	
PERENNIALS	<i>Acanthus mollis</i>	Bears Breech	6	
PERENNIALS	<i>Acanthus spinosis</i>	Bears Breech	5	
PERENNIALS	<i>Achillea millefolium</i>	Yarrow - 'Apricot Delight', 'Paprika', 'Pomegranate', 'Pretty Belinda' 'Saucy Seduction', 'Sunny Seduction', 'Wonderful Wampee'	3	10/5/16 Change from (Z4) to (Z3)
PERENNIALS	<i>Achillea millefolium</i>	Yarrow - 'Summer Pastels', 'Moonshine' 'Fire King', 'Strawberry Seduction'	3	
PERENNIALS	<i>Achillea millefolium</i>	Little Moonshine'	4	9/29/18 Added
PERENNIALS	<i>Aconitum cammarum</i>	Monkshood - 'Blue Lagoon', 'Stainless Steel'	4	
PERENNIALS	<i>Aconitum fischeri</i>	Monkshood - Fischeri	4	
PERENNIALS	<i>Aconitum napellus</i>	Blue Monkshood	3	
PERENNIALS	<i>Acorus americanus</i>	American Sweet Flag	3	9/28/18 Added also added under GRASSES
PERENNIALS	<i>Acorus calamus</i>	Sweet flag - 'Variegatus'	4	9/30/16 Change from (Z5) to (Z4).
PERENNIALS	<i>Acorus gramineus</i>	'Ogon'	5	



PERENNIALS	<i>Actaea racemosa</i>	Bugbane, Snakeroot, Cimicifuga – ‘James Compton	4	
PERENNIALS	<i>Agastache</i>	Anise Hyssop - 'Blue Fortune'	4	
PERENNIALS	<i>Agastache aurantiaca</i>	‘Coronado’, ‘Tango’,	5	
PERENNIALS	<i>Agastache barberi</i>	‘Tutti Frutti’	5	
PERENNIALS	<i>Agastache canna</i>	‘Sinning’, ‘Firebird’	5	
PERENNIALS	<i>Agastache foeniculum</i>	‘Pstessene’	5	
PERENNIALS	<i>Agastache foeniculum</i>	Anise-Hyssop	4	12/19/18 change to (Z4) Thi is a native plant
PERENNIALS	<i>Ajuga reptans</i>	Bugleweed –, ‘Bronze Beauty’, ‘Burgundy Glow’, ‘Chocolate Chip’, ‘Catlin’s Giant’	3	
PERENNIALS	<i>Alcea rosea</i>	Hollyhock – ‘Spring Celebrities’, ‘Crimsom’, ‘Purple Sensation’	4	
PERENNIALS	<i>Alcea rosea</i>	Hollyhock – ‘Chatter’s Double’, ‘Fiesta Time’, ‘Halo™’, ‘Red & Yellow’, ‘Queeny Purple’, ‘Nigra’, ‘Spotlight™’, ‘Blacknight’, ‘Mars Magic’, ‘Sunshine’, ‘Watchman’	3	
PERENNIALS	<i>Alchemilla mollis</i>	Lady’s Mantle - ‘Thriller’	3	10/1/15 Change from (Z4) to (Z3).
PERENNIALS	<i>Allium</i>	Ornamental Onion – ‘Azureum’, ‘Chistophii’, ‘Drumstick’, ‘Globemaster’, ‘Obliquum’, ‘Purple Sensation’, ‘Schubertii’, ‘Medusa’	4	9/29/18 Added ‘Medusa’
PERENNIALS	<i>Allium</i>	Ornamental Onion - ‘Millenium’	4	9/29/16 Change from (Z5) to (Z4).
PERENNIALS	<i>Allium giganteum</i>	Giant Onion	4	9/30/16 Change from (Z5) to (Z4).
PERENNIALS	<i>Allium lusitanicum</i>	Summer Beauty Ornamental Onion	4	
PERENNIALS	<i>Amsonia tabernaemontana</i>	Willow Amsonia	3	
PERENNIALS	<i>Amsonia tabernaemontana</i>	Blue Ice’	3	9/30/16 Change from (Z4) to (Z3), 9/29/17 MNLA remove ‘Blue star’ change to (Z3)
PERENNIALS	<i>Anchusa capensis</i>	Cape Forget-me-not	5	
PERENNIALS	<i>Anemone blanda</i>	Greek Anemone	5	
PERENNIALS	<i>Anemone canadensis</i>	Canadian Anemone	3	
PERENNIALS	<i>Anemone hupehensis</i>	Japanese Anemone - ‘Pink Saucer’, ‘Prinz Heinrich’,	5	12/31/14 Change from (Z6) to (Z5) .
PERENNIALS	<i>Anemone nemorosa</i>	Anemone – ‘Bracteata Pleniflora’	4	
PERENNIALS	<i>Anemone sylvestris</i>	Anemone - ‘Snowdrop’, ‘Madonna’	3	10/1/15 Change from (Z4) to (Z3).
PERENNIALS	<i>Anemone tomentosa</i>	Grape-leaved Anemone - ‘Robustissima’	4	9/17/15 Change from (Z5) to (Z4)
PERENNIALS	<i>Anemone x hybrida</i>	Hybrid Japanese Anemone - ‘Honorine Jobert’, ‘Whirlwind’	4	9/30/16 Change from (Z5) to (Z4)
PERENNIALS	<i>Antennaria</i>	Pussy-toes	2	

PERENNIALS	<i>Antirrhinum hispanicum</i>	Spanish Snapdragon	5	
PERENNIALS	<i>Aquilegia alpina</i>	Alpine columbine	3	
PERENNIALS	<i>Aquilegia canadensis</i>	'Biedermeir Dwarf', 'Crimson Star', 'McKana Hybrids', 'Musik Balu Weiss', 'Black Barlow', 'Cameo pink & white', 'Nora Barlow', 'Little Lanterns'	3	
PERENNIALS	<i>Aquilegia vulgaris</i>	Columbine - 'Dorothy Rose', 'Winky Double Rose-White', 'Winky Double Blue & White', 'Winky Double Red & White'	3	
PERENNIALS	<i>Aquilegia x caerulea</i>	Columbine - Origami™ Blue & White', Origami™ Red & White	3	10/2/15 Change from (Z4) to (Z3).
PERENNIALS	<i>Arabis caucasica</i>	Rock Cress	3	
PERENNIALS	<i>Arabis x arendsii</i>	Compinkie	3	
PERENNIALS	<i>Aralia cordata</i>	Spikenard - 'Sun King'	3	
PERENNIALS	<i>Arctostaphylos</i>	Bearberry - 'Massachusetts'	3	
PERENNIALS	<i>Armeria maritima</i>	Sea Thrift - 'Dusseldorf Pride', 'Nifty Thrifty', 'Rubrifolia'	3	
PERENNIALS	<i>Artemisia dracunculus</i>	Russian Tarragon	5	
PERENNIALS	<i>Artemisia ludoviciana</i>	White Sage - 'Powis Castle'	5	
PERENNIALS	<i>Artemisia schmidtiana</i>	Silver Mound - 'Silver Mound', Silver Brocade', 'Oriental Limelight'	3	
PERENNIALS	<i>Artemisia stelleriana</i>	Silver Brocade'	2	9/17/15Cultivar 'Silver Brocade' F597 added.
PERENNIALS	<i>Artemisia tridentata</i>	Big Sagebrush	3	9/16/16 added
PERENNIALS	<i>Arum italicum</i>	Painted Arum	5	
PERENNIALS	<i>Aruncus aethusifolius</i>	Dwarf Goats Beard	3	
PERENNIALS	<i>Aruncus dioicus</i>	Goatsbeard - 'Zweiweltenkind' aka 'Child of Two Worlds', 'Kneiffi'	4	9/30/16 Change from (Z5) to (Z4)
PERENNIALS	<i>Aruncus dioicus</i>	Goatsbeard - 'Misty Lace'	3	
PERENNIALS	<i>Arundo donax</i>	Giant Reed	5	
PERENNIALS	<i>Asarum canadense</i>	Wild ginger	3	
PERENNIALS	<i>Asarum splendens</i>	Asian Wild Ginger	6	
	<del><i>Aesculus x carnea</i></del>	<del>Horsechestnut - Ft. McNair Red</del>	<del>5</del>	<del>9/21/17 Added</del>
	<del><i>Vaccinium</i></del>	<del>Pink Popcorn™</del>	<del>3</del>	<del>9/6/16 Added JL.</del>
PERENNIALS	<i>Asclepias incarnata</i>	Swamp Milk Weed - 'Cinderella'	3	
PERENNIALS	<i>Asclepias tuberosa</i>	Butterfly Flower - 'Hello Yellow'	3	
PERENNIALS	<i>Asclepias syriaca</i>	Milkweed	3	8/21/17 Added
PERENNIALS	<i>Asclepias verticillata</i>	Whorled Milkweed	3	8/29/19 Added
PERENNIALS	<i>Aster alpinus</i>	Aster - 'Dark Beauty', 'Beauty Dark Blue', 'Happy End'	3	
PERENNIALS	<i>Aster amellus</i>	Italian Aster	5	
PERENNIALS	<i>Aster frikartii</i>	Frikarts Aster	5	
PERENNIALS	<i>Aster laevis</i>	Bluebird Aster	4	
PERENNIALS	<i>Aster lateriflorus</i>	Aster - 'Lady in Black'	4	10/1/15 Change from (Z5) to (Z4)
PERENNIALS	<i>Aster novae-angliae</i>	Aster - Purple Dome Aster	3	10/1/15 Change from (Z4) to (Z3)
PERENNIALS	<i>Aster novi-belgii</i>	Aster - 'Purple Beauty', 'Rose Beauty', 'Professor Anton Kippenberg', 'Snowball'	3	
PERENNIALS	<i>Aster sedifolius</i>	Aster - 'Rhone', 'Dwarf Rhone'	3	

PERENNIALS	<i>Aster x dumosus</i>	Aster - 'Pink Bouquet' 'Pink Lace', 'Romany', 'Snow Sprite', 'Wood's Blue', 'Wood's Pink', 'Wood's Purple'	3	
PERENNIALS	<i>Astilbe arendsii</i>	Astilbe - 'Boogie Woogie'	3	
PERENNIALS	<i>Astilbe arendsii</i>	Chocolate Shogun' Astilbe	4	8/21/17 Added
PERENNIALS	<i>Astilbe arendsii</i>	'Fanal'	3	9/18/15 Change from (Z4) to (Z3)
PERENNIALS	<i>Astilbe arendsii</i>	'Sister Theresa'	3	9/18/15 Change from (Z4) to (Z3)
PERENNIALS	<i>Astilbe arendsii</i>	'Erica'	3	9/18/15 Change from (Z4) to (Z3)
PERENNIALS	<i>Astilbe arendsii</i>	'Weisse Gloria'	3	9/18/15 Change from (Z4) to (Z3)
PERENNIALS	<i>Astilbe arendsii</i>	'Snowdrift'	3	
PERENNIALS	<i>Astilbe chinensis</i>	'Vision in Pink',	3	9/18/15 Change from (Z4) to (Z3)
PERENNIALS	<i>Astilbe</i>	Mighty Chocolate Cherry Astilbe	3	8/29/19 Added
PERENNIALS	<i>Astilbe chinensis</i>	'Visions'	3	9/18/15 Change from (Z4) to (Z3)
PERENNIALS	<i>Astilbe chinensis</i>	'Vision in Red'	3	12/31/14 Change to (Z3) 12/31/14
PERENNIALS	<i>Astilbe chinensis</i>	'Vision in White'	3	
PERENNIALS	<i>Astilbe japonica</i>	'Rheinland'	3	9/18/15 Change from (Z4) to (Z3).
PERENNIALS	<i>Astilbe japonica</i>	Deutschland'	3	9/18/15 Change from (Z4) to (Z3)
PERENNIALS	<i>Astilbe japonica</i>	'Washington'	3	
PERENNIALS	<i>Astilbe simplicifolia</i>	'Hennie Graafland'	4	
PERENNIALS	<i>Astilbe simplicifolia</i>	'Sprite'	4	
PERENNIALS	<i>Astilbe taquetii</i>	Superba'	3	9/18/15 Change from (Z4) to (Z3).
PERENNIALS	<i>Astilbe x arendsii</i>	'Augustleuchten' aka 'August Light'	4	
PERENNIALS	<i>Astilbe x arendsii</i>	'Color Flash' aka 'Astev'	4	
PERENNIALS	<i>Astilbe x arendsii</i>	'Country & Western'	4	
PERENNIALS	<i>Astilbe x arendsii</i>	'Delft Lace'	4	
PERENNIALS	<i>Astilbe x arendsii</i>	'Rhythm & Blues',	4	
PERENNIALS	<i>Astilbe x arendsii</i>	Rock & Roll'	4	
PERENNIALS	<i>Baptisia</i>	'Midnight' Prairieblues™, 'Solar Flare' Prairieblues™, 'Twilite' Prairieblues™	3	9/28/18 Change from (Z4) to (Z3)
PERENNIALS	<i>Baptisia australis</i>	False Indigo	3	10/1/15 Change from (Z4) to (Z3).
PERENNIALS	<i>Belamcanda chinensis</i>	Blackberry lily	4	10/2/15 Change from (Z5) to (Z4)

PERENNIALS	<i>Belamcanda flava</i>	'Hello Yellow'	4	10/2/15 Change from (Z5) to (Z4).
PERENNIALS	<i>Bellis perennis</i>	English Daisy - 'Rominette'	5	9/28/18 Change (Z4) to (Z5)
PERENNIALS	<i>Bergenia cordifolia</i>	'Heartleaf', 'Eroica',	3	
PERENNIALS	<i>Bergenia cordifolia</i>	Winterglut' AKA 'Winterglow'	3	9/19/18 Added as own line
PERENNIALS	<i>Bletilla striata</i>	Hardy Orchid	5	
PERENNIALS	<i>Brunnera macrophylla</i>	Brunnera, Siberian bugloss - 'Looking Glass', 'Jack Frost', 'Variegated'	3	
PERENNIALS	<i>Calamintha nepeta ssp. nepeta</i>	Calamint	4	9/30/16 Change (Z5) to (Z4) .
PERENNIALS	<i>Callirhoe digitata</i>	Standing winecups	5	
PERENNIALS	<i>Campanula carpatica</i>	Bellflower - 'Deep Blue', 'Blue Clips', 'White Clips', 'Blue Uniform', 'White Uniform'	3	8/21/17 Added 'Blue Uniform' and 'White Uniform'
PERENNIALS	<i>Campanula glomerata</i>	Bellflower - 'Alba', 'Superba', Joan Elliot	2	
PERENNIALS	<i>Campanula persicifolia</i>	Peachleaf Bellflower	2	
PERENNIALS	<i>Campanula punctata</i>	'Cherry Bells'	4	9/17/15 Change from (Z5) to (Z4).
PERENNIALS	<i>Campsis radicans</i> (also found under VINES)	Trumpet Creeper	4	
PERENNIALS	<i>Campsis radicans</i> (also found under VINES)	Trumpet Creeper - 'Flamenco', 'Flava', 'Red Sunset'	5	
PERENNIALS	<i>Caryopteris clandonensis</i>	Caryopteris - 'First Choice', 'Worcester Gold'	5	
PERENNIALS	<i>Caryopteris x clandonensis</i>	'Azure', 'Heavenly Blue''Summer Sorbet', 'Worcester Gold'	5	
PERENNIALS	<i>Cassia hebecarpa</i>	Wild senna	3	9/30/16 Change from (Z4) to (Z3).
PERENNIALS	<i>Centaurea dealbata</i>	Bachelor's Button or Persian Cornflower	3	
PERENNIALS	<i>Centaurea montana</i>	Bachelor's Button or Cornflower - 'Amethyst Dream', 'Amethyst in Snow', 'Black Sprite', 'Caramia' 'Gold Bullion', 'Mountain Minuet'	3	
PERENNIALS	<i>Centranthus ruber</i>	Red Valerian - 'Albus', Pretty Betsy'	4	10/2/15 Change from (Z5) to (Z4).
PERENNIALS	<i>Cerastium tomentosum</i>	Snow in Summer	3	
PERENNIALS	<i>Ceratostigma plumbaginoides</i>	Leadwort	5	
PERENNIALS	<i>Chelone obliqua</i>	Rose Turtlehead	4	9/17/15 Change from (Z5) to (Z4).
PERENNIALS	<i>Chelone glabra</i>	Turtlehead	3	
PERENNIALS	<i>Chelone lyonii</i>	Turtlehead - 'Hot Lips', 'Tiny Tortuga'	3	
PERENNIALS	<i>Chelone lyonii</i>	Turtlehead - "Tiny Tortuga'	3	9/28/18 Added

PERENNIALS	Chrysanthemum x grandiflorum	Autumn Beauty, Autumn Delight, 'Autumn Fire', 'Autumn Sunset', 'Baby Tears', 'Best Regards', 'Betty Lou', 'Meximum', 'Bristol White', 'Belle O' The Ball', 'Bronze Giant', 'Brown Eyes', 'Burnt Copper', 'Cajun Spice', 'Cameo', 'Centennial Sun', 'Centerpiece', 'Cheerleader', 'Daisy White', 'Dolliette', 'Dorothy Dean', 'Dr. Longley', 'Fancy Free', 'Gold Country', 'Gold Strike', 'Golden Jubilee', 'Golden Mound', 'Golden Star', 'Grandchild', 'Grape Glow', 'Happy Face', 'High Regards', 'Homecoming', 'Ice Crystals', 'Inca', 'Irish Linen', 'Lantern Glow', 'Lemonsota', 'Lindy', 'Lipstick', 'Little Rascal', 'Maroon Pride', 'Matchstick', 'Mellow Moon', 'Micky', 'Minnautumn', 'Minnglow', 'Minngopher', 'Minnpink', 'Minnqueen', 'Minnrose', 'Minnruby', 'Minnwhite', 'Minnyellow', 'Muted Sunshine', 'Pancho', 'Pat Lehman', 'Peach Centerpiece', 'Pilgrim', 'Pink Cadillac', 'Poise', 'Powder River', 'Purple Pride', 'Purple Waters', 'Quarterback', 'Red Daisy', 'Rose Blush', 'Rose Glow', 'Rose Grandine', 'Royal Knight', 'Royal Penn'	4	8/28/15 Change to Chrysanthemum x grandiflorum.
PERENNIALS	Chrysanthemum x hybridum	Mammoth™ series: Coral Daisy™, Bronze Dasiey™, 'Lavendar Daisy™, Dark Pink Daisy™, Red Daisy™, Yellow Daisy™	3	12/31/14 Change to (Z3) Chrysanthemum x hybridum.
PERENNIALS	Chrysanthemum x morifolium	Hardy Mum - Dreamweaver aka 'Jefdream', Firestorm® aka 'Jefstorm', Morden Canary Mum, Morden Delight Mum, Morden Fiesta Mum, Morden Garnet Mum, Power Surge® Mum 'Jefsurge', Prairie Lavender Mum, Showbiz® Mum 'Jefbiz', Stardust® Mum 'Jefdust', Suncatcher® Mum 'Jefsun', Tiger Tail® Mum 'Jeftail'	4	9/29/17 MNLA change from (Z3) to (Z4)
PERENNIALS	<i>Clematis integrifolia</i>	Bush clematis	3	9/30/16 Other clematis now listed under VINES.
PERENNIALS	<i>Convallaria majalis</i>	Lily of the Valley	3	
PERENNIALS	<i>Coreopsis auriculata</i>	"Nana", 'Zamphir'	4	
PERENNIALS	<i>Coreopsis x</i>	'Crème Brulee', 'Jethro Tull'	5	10/1/15 Change from (Z4) to (Z5).
PERENNIALS	<i>Coreopsis grandiflora</i>	'Rising Sun™'	4	
PERENNIALS	<i>Coreopsis grandiflora</i>	'Flying Saucers', 'Presto', 'Sunray'	3	
PERENNIALS	<i>Coreopsis lanceolata</i>	'Early Sunrise'	3	
PERENNIALS	<i>Coreopsis rosea</i>	'Dreamcatcher'	6	
PERENNIALS	<i>Coreopsis rosea</i>	'Mercury Rising Tickseed'	5	
PERENNIALS	<i>Coreopsis rosea</i>	'Sterntaler'	5	
PERENNIALS	<i>Coreopsis rosea</i>	'Sweet Dreams'	5	
PERENNIALS	<i>Coreopsis verticillata</i>	'Route 66'	5	
PERENNIALS	<i>Coreopsis verticillata</i>	Coreopsis - 'American Dream'	4	
PERENNIALS	<i>Coreopsis verticillata</i>	Coreopsis - 'Moonbeam', 'Zagreb'	3	
PERENNIALS	<i>Corydalis cheilanthifolia</i>	Yellow Corydalis	5	

PERENNIALS	<i>Corydalis lutea</i>	Corydalis	4	9/18/15 Change from (Z5) to (Z4).
PERENNIALS	<i>Crambe cordifolia</i>	Colewort	5	
PERENNIALS	<i>Crambe maritima</i>	Seakale	5	
PERENNIALS	<i>Delphinium elatum</i>	Aurora Blue', 'Aurora Light Purple'	3	
PERENNIALS	<i>Delphinium grandiflorum</i>	Astolat', 'Black Eyed Angels', 'Blue Lace', 'Blushing Bride', 'Blue Butterfly', 'Butterfly Compacta', 'Blue Mirror', 'Butterfly Rose', 'Double Innocence', 'Guinevere', 'King Arthur', 'Magic Fountains Mix', 'Misty Mauves', 'Moonlight Blues', 'Morning Lights', 'New Millennium Stars', 'Pacific Giants Mix', 'Pagan Purples', 'Pink Punch', 'Purple Passions', 'Royal Aspirations', 'Summer Blues', 'Summer Cloud', 'Summer Mornings', 'Summer Nights', 'Summer Skies',	3	
PERENNIALS	<i>Delphinium x belladonna</i>	'Bellamosum', 'Black Knight', 'Bluebird', 'Galahad'	3	
PERENNIALS	<i>Dianthus</i>	Fruit Punch® aka 'Raspberry Ruffles'	4	9/29/18 Added
PERENNIALS	<i>Dianthus amurensis</i>	Baths Pink', 'Fire & Ice' Pinks, 'Coconut Punch' Fruit Punch™	4	
PERENNIALS	<i>Dianthus barbatus</i>	'Siberian Blues'	3	
PERENNIALS	<i>Dianthus caryophyllus</i>	Sweet William - 'Indian Carpet'	3	
PERENNIALS	<i>Dianthus deltoides</i>	'Grenadin Red', 'Pink Princess'	3	
PERENNIALS	<i>Dianthus gratianopolitanus</i>	'Arctic Fire', 'Brilliant', 'Flashing Lights', 'Zing Rose'	3	
PERENNIALS	<i>Dianthus x allwoodii</i>	Aqua', 'Frosty Fire'	4	
PERENNIALS	<i>Dicentra eximia</i>	'Luxuriant'	3	
PERENNIALS	<i>Dicentra formosa</i>	Aurora', 'Burning Hearts', 'King of Hearts',	3	
PERENNIALS	<i>Dicentra spectabilis</i>	'Alba', 'Hordival', 'Goldheart'	3	
PERENNIALS	<i>Dicentra spectabilis</i>	Valentine Bleeding Heart	3	9/17/15 Change from (Z4) to (Z3)
PERENNIALS	<i>Dicentra spectabilis</i>	Bleeding Heart	3	
PERENNIALS	<i>Dictamnus albus</i>	Gas Plant – 'Purpureus'	3	
PERENNIALS	<i>Digitalis purpurea</i>	Foxglove – 'Camelot Cream', 'Camelot Lavendar', 'Camelot Rose'	4	10/1/15 Change from (Z3) to (Z4)
PERENNIALS	<i>Doronicum orientale</i>	Leopard's Bane – 'Little Leo'	4	
PERENNIALS	<i>Dryopteris erythrosora</i>	Autumn Fern	4	9/17/15 Change from (Z3) to (Z4)
PERENNIALS	<i>Echinacea angustifolia</i>	Narrow-leaved Coneflower	3	
PERENNIALS	<i>Echinacea pallida</i>	Pale Purple Coneflower	4	
PERENNIALS	<i>Echinacea paradoxa</i>	Bushes Coneflower	3	
PERENNIALS	<i>Echinacea pupurea alba</i>	Ozark Coneflower	3	
PERENNIALS	<i>Echinacea purpurea</i>	Atomic Orange',	4	9/3/19 Added
PERENNIALS	<i>Echinacea purpurea</i>	Fatal Attraction'	3	9/3/19 Added
PERENNIALS	<i>Echinacea purpurea</i>	Balsomcor' aka 'Sombrero Hot Coral', 'Balsomred' aka 'Sombrero Salsa Red', 'Balsomselo' aka 'Sombrero Sandy Yellow', 'Marmalade',	4	9/29/17 Change the Sombrero cultivars from (Z5) to (Z4)

PERENNIALS	<i>Echinacea purpurea</i>	Evan Saul' aka 'Sundown', 'Matthew Saul' aka 'Harvest Moon'	4	10/1/15 Change from (Z5) to (Z4)
PERENNIALS	<i>Echinacea purpurea</i>	'Doubledecker', 'Green Jewel', 'Magnus', 'Magnus Superior', 'Pica Bella', 'Pow Wow Wild Berry', 'PowWow White', 'Prairie Splendor', 'White Swan'	3	
PERENNIALS	<i>Echinacea purpurea</i>	Alba', 'Cygnet White', 'Evan Saul', 'Hot Papaya', 'Hot Summer', 'Katie Saul', 'Milkshake', 'Now Cheesier', 'Pink Double Delight', 'Pink Poodle', 'Purity', 'Secret Lust', 'Solar Flare', 'Big Sky™', 'Southern Belle', 'Sunrise' Big Sky™, 'Tiki Torch', 'Tomato Soup'	4	10/16 Remove 'Pow Wow Wild Berry' from (Z4), 9/29/17 Change 'Now Cheesier' from Z3 to Z4, delete 'Pow Wow' already listed
PERENNIALS	<i>Eupatorium dubium</i>	'Little Joe' Joe-Pye Weed	3	
PERENNIALS	<i>Eupatorium maculatum</i>	'Gateway'	3	
PERENNIALS	<i>Eupatorium maculatum</i>	'Baby Joe'	3	9/28/18 Added
PERENNIALS	<i>Eupatorium maculatum</i>	'Bartered Bride'	4	
PERENNIALS	<i>Eupatorium rugosum</i>	Chocolate Joe-Pye Weed	4	
PERENNIALS	<i>Euphorbia myrsinites</i>	Myrtle Euphorbia	5	
PERENNIALS	<i>Euphorbia polychroma</i>	Ascot Rainbow'	5	
PERENNIALS	<i>Euphorbia polychroma</i>	First Blush', 'Bonfire'	4	
PERENNIALS	<i>Filipendula x</i>	Red Umbrellas'	3	9/16/16 Added
PERENNIALS	<i>Filipendula palmata</i>	Siberian Meadowsweet	2	9/16/16 Added
PERENNIALS	<i>Filipendula rubra</i>	Queen-of-the-Prairie - 'Venusta'	4	
PERENNIALS	<i>Filipendula ulmaria</i>	Variiegated Meadowsweet	4	
PERENNIALS	<i>Fritillaria imperialis</i>	'Crown Imperial'	5	
PERENNIALS	<i>Gaillardia x grandiflora</i>	Arizona Apricot',	3	
PERENNIALS	<i>Gaillardia aristata</i>	Baby Cole'	4	9/17/15 Change from (Z5) to (Z4)
PERENNIALS	<i>Gaillardia aristata</i>	Arizona Red Shades',	3	
PERENNIALS	<i>Gaillardia grandiflora</i>	Burgundy', 'Dazzler', 'Fanfare', 'Goblin'	3	9/17/15 Change from (Z2) to (Z3)
PERENNIALS	<i>Gaillardia grandiflora</i>	Mesa™ Yellow Blanket Flower	4	
PERENNIALS	<i>Gaillardia x grandiflora</i>	'Arizona Sun'	3	9/17/15 Change from (Z2) to (Z3).
PERENNIALS	<i>Gaura lindheimeri</i>	Apple Blossom Grass	5	
PERENNIALS	<i>Gentiana acaulis</i>	Trumpet or Stemless Gentian, 'Holzmann'	3	
PERENNIALS	<i>Gentiana cruciata</i>	Gentian - 'Blue Bottle', 'Blue Cross'	3	
PERENNIALS	<i>Gentiana septemfida</i>	Summer Gentian	3	
PERENNIALS	<i>Geranium</i>	Brookside', 'Johnson's Blue'	4	
PERENNIALS	<i>Geranium</i>	Rozanne'	4	9/30/16 Change from (Z4) to (Z5), 9/28/18 Change back to (Z4)
PERENNIALS	<i>Geranium</i>	Azure Rush',	5	
PERENNIALS	<i>Geranium cantabrigiense</i>	'Biokovo', 'Karmina', 'St. Ola'	4	
PERENNIALS	<i>Geranium cinereum</i>	Ballerina'	4	
PERENNIALS	<i>Geranium macrorrhizum</i>	Ingwersen's Variety, 'Beven's Variety'	4	

PERENNIALS	<i>Geranium maculatum</i>	Wild Geranium	3	9/30/16 Change from (Z4) to (Z3).
PERENNIALS	<i>Geranium phaeum</i>	Sambor'	4	9/17/15 Change from (Z5) to (Z4), Change from (Z5) to (Z4), 9/29/17 MNLA (Z4)
PERENNIALS	<i>Geranium pratense</i>	Dark Reiter'	4	
PERENNIALS	<i>Geranium sanguineum</i>	'Max Frei'	3	10/1/15 Change from (Z4) to (Z3)
PERENNIALS	<i>Geranium sanguineum</i>	Bloody Cranesbill, 'Album', 'Nanum'	3	
PERENNIALS	<i>Geranium sanguineum</i> x <i>psilostemon</i>	'Tiny Monster'	4	
PERENNIALS	<i>Geum</i>	Prairie Smoke - 'Tequila Sunrise'	4	
PERENNIALS	<i>Geum chiloense</i>	Geum	5	
PERENNIALS	<i>Geum coccineum</i>	Rose of the Rockery	5	
PERENNIALS	<i>Gypsophlia repens</i>	Creeping Baby's Breath	3	9/27/16 Added.
PERENNIALS	<i>Helenium autumnale</i>	Sneezeweed - 'Fuego', 'Moerheim Beauty', Mariachi™ aka 'Salsa', 'Wyndley'	3	9/28/18 Added Mariachi™
PERENNIALS	<i>Helianthemum nummularium</i>	Rock Rose	5	
PERENNIALS	<i>Helianthus</i> x <i>multiflorus</i>	'Sunshine Dream' perennial sunflower	4	
PERENNIALS	<i>Heliopsis helianthoides</i>	False Sunflower - 'Summer Sun', 'Tuscan Sun'	3	9/28/18 Added 'Tuscan Sun'
PERENNIALS	<i>Heliopsis helianthoides</i> var. <i>scabra</i>	'Burning Hearts'	3	8/29/19 Added
PERENNIALS	<i>Helleborus</i> x <i>hybridus</i>	Lenten Rose	5	
PERENNIALS	<i>Hemerocallis</i>	Daylily - 'Always Afternoon', 'Baja', 'Bama Music', 'Barbara Mitchell', 'Bobo Ann', 'Bela Lugosi', 'Black Eyed Stella', 'Blackthorne', 'Blueberry Candy', 'Bodacious Returns', 'Bonanza', 'Bright Sunset', 'Canadian Border Patrol', 'Catherine Woodbury', 'Congo Coral', 'Calico Jack', 'Chicago Apache', 'Chicago Heirloom', 'Chorus Line', 'Custard Candy', 'Daring Deception', 'Elegant Candy', 'Final Touch', 'Going Bananas', 'Grape Magic', 'Happy Returns', 'Hearts Afire', 'Hyperion', 'Indian Love Call', 'Jeune Tom', 'Joan Senior', 'Jolyene Nichole', 'Just Plum Happy', 'Lavendar Stardust', 'Lightning Bug', 'Little Grapette', 'Mauna Loa', 'Mini Pearl', 'Mini Stella', 'My Ways', 'Moses Fire', 'Night Beacon', 'Night Embers', 'Nosferatu', 'Omomuki', 'Pandora's Box', 'Pardon Me', 'Prairie Wildfire', 'Pumpkin Festival', 'Primal Scream', 'Red Volunteer', 'Rosy Returns', 'Rocket City', 'Startle', 'South Seas', 'Stella d'Oro', 'Strutter's Ball', 'Sunday Gloves', 'Toyland', 'Water Dragon'	3	Remove 'Ruby Stella' to (Z4)



PERENNIALS	<i>Hermerocallis</i>	Day Lily - 'Fairy Tale Pink', 'Nanuq', 'Ruby Stella', 'Ruby Spider', 'Stella Supreme', 'Strawberry Candy'	4	
PERENNIALS	<i>Heuchera</i>	Coral Bells - 'Arctic Mist' aka 'Jefmist', 'Brandon Pink', 'Green Spice', 'Northern File', 'Ruby Mist',	3	
PERENNIALS	<i>Heuchera</i>	Dolce® 'Cherry Truffles'	4	8/29/19 Added
PERENNIALS	<i>Heuchera</i>	'Berry Smoothie', 'Berry Timeless', Carnival® 'Caramel', 'Cherries Jubilee', 'Citronelle', City™ 'aka 'Rio' 'Fire Alarm', 'Fire Chief', 'Georgia Peach', 'Lime Rickey', 'Milan', 'Mocha', 'Obsidian', 'Palace Purple', 'Plum Royale', 'Southern Comfort'	4	9/28/18 Added 'Berry Timeless', Carnival®, 'Fire Alarm'
PERENNIALS	<i>Heuchera</i>	Coral Bells - 'Firefly'	3	
PERENNIALS	<i>Heuchera</i>	Coral Bells - 'Northern Fire'	2	
PERENNIALS	<i>Heuchera</i>	Coral Bells - 'Plum Pudding'	3	
PERENNIALS	<i>Heuchera</i>	Coral Bells - 'Snow Angel'	3	
PERENNIALS	<i>Heuchera</i>	Coral Bells - 'Stainless Steel', 'Midnight Rose', 'Blackout'	4	9/29/16, Change from (Z5) to (Z4)
PERENNIALS	<i>Heuchera americana</i>	Coral Bells - Dale's Variety	4	
PERENNIALS	<i>Heuchera villosa</i>	Autumn Bride'	3	9/16/16 Added.
PERENNIALS	<i>Heucherella</i>	'Alabama Sunrise', 'Bridget Bloom', 'Burnished Bronze', 'Gunsmoke', 'Solar Eclipse', 'Sweet Tea', 'Tapestry'	4	9/30/16 Moved from Heuchera to Heucherella, 9/29/17 Moved 'Alabama Sunrise', 'Bridget Bloom', 'Burnished Bronze', and 'Tapestry'
PERENNIALS	<i>Hibiscus moscheutos</i>	Hibiscus - 'Cranberry Crush', Summerific™, 'Cocker' Cristi™, 'Midnight Marvel', 'Party Favor', 'Plum Crazy', 'Sultry Kiss', Summerific® aka 'Cherry Choco Latte'	4	9/16/16 Added 'Plum Crazy', 9/29/18 Added Summerific®

PERENNIALS	<i>Hosta</i>	Hosta - Abba Dabba Do , Abba Showtime', 'Abby', Abiqua Ariel', Abiqua Blue Crinkles,'Abiqua Drinking Gourd', 'Abiqua Moonbeam,' 'Abiqua Recluse', 'Alakazaam', 'Albomarginata', 'August Moon', 'Aureomarginata', 'Autumn Frost', 'Big Daddy', 'Blue Angel', 'Blue Flame', 'Blue Hawaii', 'Blue Ivory', 'Blue Mammoth', 'Blue Mouse Ears', 'Dream Weaver', 'Earth Angel', 'El Nino', 'Elegans', 'Empress Wu', 'Fire and Ice', 'First Frost', 'Francee,' 'Frances Williams', 'Ginko Craig', 'Gold Standard', 'Golden Tiarra','Grand Tiara','Great Expectations', 'Guacamole', 'Gypsy Rose', 'Green', 'Halcyon', 'Honeybells', 'Hudson Bay', 'June', 'Krossa Regal', 'Liberty', 'Love Pat', 'Minuteman', 'Night Before Christmas', 'Orange Marmalade', 'Paradigm', 'Patriot', 'Paul's Glory', 'Pilgrim' 'Praying Hands', 'Rainbow's End', 'Rainforest Sunrise', 'Regal Splendor', 'Revolution' , 'Royal Standard', 'Samurai' 'Sieboldiana Elegans', 'Sagae', 'Stained Glass,' 'Striptease', 'Sum & Substance', 'Sun Power', 'T Rex', 'Tattoo'	3	
PERENNIALS	<i>Houttuynia cordata</i>	Houttuynia – 'Chameleon'	5	
PERENNIALS	<i>Iberis sempervirens</i>	Candytuft - 'Snowflake', 'Purity'	3	
PERENNIALS	<i>Iris cristata</i>	Dwarf Crested Iris	3	
PERENNIALS	<i>Iris ensata</i>	Japanese Iris – 'Lion King', 'Variegata'	4	
PERENNIALS	<i>Iris germanica</i>	Bearded Iris – 'Anaconda Love', 'Armagedon', 'Avalon Sunset', 'Baltic Star', 'Batik', 'Breakers', 'Cat-eye', 'Change of Pace', 'Crimson Snow', 'Devil's Lake', 'Edith Wolford', 'Fireplace Embers', 'Harvest of Memories', 'Hello Darkness', 'Immortality', 'Loop de Loop', 'Magical Encounter', 'Mexican Holiday', 'Mystic's Muse', 'Orinoco Flow', 'Picasso Moon', 'Rip City', 'Saturday Night Live', 'Stairway to Heaven', 'Summer Olympics', 'Swintown', 'Superstition', 'Tanzanian Tangerine', 'Supreme Sultan', 'Visions in Pink,'	3	
PERENNIALS	<i>Iris pallida</i>	Zebra Iris – 'Aureovariegata', variegata	3	
PERENNIALS	<i>Iris pseudacorus</i>	Yellow flag Iris	3	
PERENNIALS	<i>Iris pumila</i>	Dwarf German Iris – 'Boo', 'Fireplace Embers', 'Yankee Skipper', 'What Again'	3	
PERENNIALS	<i>Iris siberica</i>	Lion King'	4	

PERENNIALS	<i>Iris sibirica</i>	Siberian Iris- 'Baby Sister', 'Butter & Sugar', 'Caesar's Brother', 'Chilled Wine', 'Halcyon Seas', 'Moon Silk', 'Gull's Wing', 'Pink Haze', 'Ruffled Velvet', 'Sky Wings', 'Snow Queen' 'White Swirl', 'Contrast in Styles'	3	8/21/17 Added 'Contrast in Styles'
PERENNIALS	<i>Iris versicolor</i>	Blue Falg Iris - 'Gerald Darby'	3	
PERENNIALS	<i>Kalmia angustifolia</i>	Sheep Laurel	3	9/16/15 Added.
PERENNIALS	<i>Kalmia latifolia</i>	Mountian Laurel	4	9/16/15 Added.
PERENNIALS	<i>Kniphofia hybrids</i>	Torch Lily – 'Flamenco'	5	
PERENNIALS	<i>Lamium maculatum</i>	Spotted Dead Nettle – 'Anne Greenaway', 'Aureum', 'Beacon Silver', 'Ghost', 'Purple Dragon', 'White Nancy'	3	
PERENNIALS	<i>Lavandula angustifolia</i>	Lavender - 'Cynthia Johnson'	4	10/15/19 Added.
PERENNIALS	<i>Lavandula angustifolia</i>	Lavender - 'Munstead Strain'	5	
PERENNIALS	<i>Leucanthemum superbum</i>	'Real Dream'	4	
PERENNIALS	<i>Leucanthemum superbum</i>	Daisy – 'Alaska', 'Banana Cream', 'Becky'	4	
PERENNIALS	<i>Leucanthemum superbum</i>	Luna' Shasta Daisy	5	8/21/17 Added
PERENNIALS	<i>Leucanthemum x superbum</i>	Shasta Daisy	4	
PERENNIALS	<i>Liatris spicata</i>	Blazing Star – 'Foristan White', 'Floristan Violet', 'Kobold'	3	
PERENNIALS	<i>Ligularia dentata</i>	Ligularia – 'Britt Marie Crawford', 'Othello'	4	
PERENNIALS	<i>Ligularia stenocephala</i>	Ligularia – 'Lanternchen' Little Rocket, 'The Rocket'	4	
PERENNIALS	<i>Lilium</i>	Lily – 'Acoustic', 'After Eight', 'Bamako', 'Sunny Borneo', 'Sunny Okinawa', 'Stargazer'	4	
PERENNIALS	<i>Lilium</i>	Pixie Series	4	
PERENNIALS	<i>Lilium Asiatic - Most Asiatic Lilies are zone 3</i>	Asiatic Lily- 'Black Out', 'Brunello' 'Cancun', 'Cappuccino', 'Doublt Elode', 'Double You', 'Gironde' 'Landini' 'Lemon Pixie', 'Lollypop', 'Matrix', 'Navona', 'Orange Art', 'Pink Pixie' 'Sphinx', 'Tango Dot Com', 'Tiger Play', 'Tiny Bee', 'Tiny Dino', 'Tiny Ghost', 'Tiny Hope', 'Tiny Icon', 'Tiny Nanny', 'Tiny Snowflake', 'Tiny Spider', 'Toronto', 'Vermeer' Asiatic Lily – Doubles – 'Double Sensation', 'Elodie', 'Fata Morgana', 'Sphinx'	3	9/30/16 Move 'Matrix' from separate line.
PERENNIALS	<i>Lilium orientalis</i>	Most Oriental Lilies are zone 4	4	
PERENNIALS	<i>Linum flavum</i>	Golden Flax – 'Compactum'	5	
PERENNIALS	<i>Linum perenne</i>	Flax – 'Lewisii', 'Saphir'	4	10/1/15 Change from (Z5) to (Z4).
PERENNIALS	<i>Liriope muscari</i>	Blue Turf Lily	5	9/17/15 Change from (Z6) to (Z5).
PERENNIALS	<i>Liriope spicata</i>	Creeping liriope	4	10/15/2019 Added.
PERENNIALS	<i>Lobelia cardinalis</i>	Cardinal Flower	3	
PERENNIALS	<i>Lobelia siphilitica</i>	Great Blue Lobelia	3	
PERENNIALS	<i>Lupinus</i>	Lupine – Popsicle Series, Tutti Frutti™	4	

PERENNIALS	<i>Lupinus polyphyllus</i>	Lupine – ‘Russell Hybrids My Castle’, ‘Russell Hybrids The Chatelaine’, ‘Russell Hybrids The Governor’	4	
PERENNIALS	<i>Lychnis arkwrightii</i>	Lychnis – ‘Orange Gnome’	3	
PERENNIALS	<i>Lysimachia chalcedonica</i>	Maltese Cross	3	
PERENNIALS	<i>Lysimachia punctata</i>	Sundrops – ‘Golden Alexander’	4	
PERENNIALS	<i>Monarda</i>	Bee Balm - ‘Fireball’, ‘Fire Marshall’, ‘Jacob Cline’, ‘Raspberry Wine’	4	
PERENNIALS	<i>Monarda didyma</i>	Bee Balm - ‘Petite Delight’, ‘Petite Wonder’	2	
PERENNIALS	<i>Monarda didyma</i>	Bee Balm - ‘Cambridge Scarlet’, ‘Coral Reef’, ‘AChall’, ‘MCMum’, ‘AGrade’, ‘Marshall’s Delight’	3	
PERENNIALS	<i>Mukdenia rossi</i>	Karasuba aka Crimson Fans	4	9/29/16 Added.
PERENNIALS	<i>Nandina domestic</i>	Tuscan Flame’ Bamboo	6	
PERENNIALS	<i>Nepeta racemosa</i>	Catmint – ‘Little Titch’, ‘Walker’s Low’, ‘Joanna Reed’	3	10/1/15 Change from (Z4) to (Z3).
PERENNIALS	<i>Nepeta racemosa</i>	Catmint – ‘Blue Wonder’	3	
PERENNIALS	<i>Nepeta subsessilis</i>	Catmint – ‘Candy Cat’, ‘Cool Cat’	3	
PERENNIALS	<i>Opuntia</i>	Eastern Prickly Pear Cactus	4	
PERENNIALS	<i>Oenothera macrocarpa</i>	Evening primrose	4	9/28/18 Added
PERENNIALS	<i>Oenothera missouriensis</i>	Evening primrose	4	
PERENNIALS	<i>Origanum laevigatum</i>	Oregano – ‘Herrenhausen’	4	
PERENNIALS	<i>Origanum marjorana</i>	Sweet Marjoram	5	
PERENNIALS	<i>Paeonia</i>	Peony - ‘Bu-Te’, ‘Do Tell’, ‘Fairbanks’, ‘Fuyajo’, ‘Gay Paree’, ‘Polar Star’, ‘Westerner’	3	
PERENNIALS	<i>Paeonia</i>	‘Sarah Bernhardt’, ‘Vivid Rose’,	3	
PERENNIALS	<i>Paeonia</i>	Peony - Double Red – ‘Felix Supreme’, ‘Kansas’, ‘Rachel’	3	
PERENNIALS	<i>Paeonia</i>	Fernleaf Peonies - ‘Rubra Flora Plena’	3	
PERENNIALS	<i>Paeonia</i>	Peony – ‘Caroline Mathers’, Francis Ortegot’, ‘Karl Rosenfield’, ‘Lora Dexheimer’, ‘Modesta’, ‘Mons Martin Cahuzac’, ‘Rosabel’, ‘Shawnee Chief’, Double Pink – ‘Coral Queen’, ‘Duchesse de Orleans’, ‘Duchesse de Nemours’, ‘Dr. Edulis Superba’, ‘Herminone’, ‘LaPerle’, ‘Myrtle Gentry’, ‘Nick Shaylor’, ‘Walter Faxon’,	3	9/27/18 Added
PERENNIALS	<i>Paeonia</i>	Peony – Itoh ‘Bartzella’, Itoh ‘Cora Louise’, Itoh Keiko™ ‘Pink Double Dandy’, Itoh ‘Kopper Kettle’, Itoh Misaka™ ‘Smith Opus 1’, Itoh Takara™ ‘Smith Opus 2’, Itoh Yumi™ ‘Yellow Doodle Dandy’	4	
PERENNIALS	<i>Paeonia</i>	Peony - ‘Charlie’s White’	3	9/27/16 Added
PERENNIALS	<i>Paeonia</i>	Peony - Single Pink – ‘Sea Shell’	3	
PERENNIALS	<i>Paeonia</i>	Peony - Single Red – ‘Scarlet O’Hara’	3	
PERENNIALS	<i>Paeonia</i>	Single White – ‘Exquisite’, ‘Krinkled White’	3	
PERENNIALS	<i>Papaver nudicaule</i>	Poppy – ‘Garden Gnome’	3	10/1/15 Change from (Z2) to (Z3).

PERENNIALS	<i>Papaver orientale</i>	Oriental Poppy – ‘Brilliant’, ‘Princess Victoria Louise’	3	9/17/15 Change from (Z2) to (Z3)
PERENNIALS	<i>Pardancanda norrisii</i>	Candy Lily	4	10/1/15 Change from (Z5) to (Z4).
PERENNIALS	<i>Penstemon</i>	Beardtongue – ‘Elfin Pink’, ‘Dark Towers’	3	
PERENNIALS	<i>Penstemon barbatus</i>	Penstemon – ‘Coccineus’, ‘Navigator Mixture’, ‘Prairie Dusk’,	4	
PERENNIALS	<i>Penstemon digitalis</i>	Beardtongue – ‘Husker Red’	3	
PERENNIALS	<i>Penstemon rostriflorus</i>	Rostriflorus	4	
PERENNIALS	<i>Penstemon x mexicali</i>	Mexican Penstemon	5	
PERENNIALS	<i>Perovskia atriplicifolia</i>	Russian Sage – ‘Filligran’, ‘Longin’	4	
PERENNIALS	<i>Perovskia atriplicifolia</i>	‘Little Spire’	4	04/08/14 Moved from (Z5)
PERENNIALS	<i>Perovskia atriplicifolia</i>	Russian Sage, ‘Lisslit’, ‘Little Spire’, ‘Peek-a-Blue®’	4	
PERENNIALS	<i>Petasites japonicus</i>	Japanese Butterbur	4	9/30/16 Spelling, 9/29/17 Change from (Z5) to (Z4)
PERENNIALS	<i>Phlox divaricata</i>	Phlox - ‘Blue Moon’, ‘Chattahoochee’, ‘London Grove Blue’	4	
PERENNIALS	<i>Phlox paniculata</i>	Garden Phlox – ‘Eva Cullum’, ‘Flame Series Coral Red’, ‘Flame Series Lilac’, ‘Flame Series Light Pink’, ‘Flame Series Purple’, ‘Flame White/Red Eye’, ‘Franz Shubert’, ‘Laura’, ‘Orange Perfection’, ‘Party Punch’,	3	
PERENNIALS	<i>Phlox paniculata</i>	Phlox Early Start™ SERIES	5	9/19/18 Added new line
PERENNIALS	<i>Phlox x</i>	Phlox - ‘Paparazzi™ Jagger’	5	9/28/18 Added
PERENNIALS	<i>Phlox paniculata</i>	Phlox – ‘Ditomfra’ First Editions® Bubblegum Pink™, ‘Ditomdre’ First Editions® Coral Crème Drop™, ‘Diotomfav’ First Editions® Cotton Candy™, ‘Ditomsur’ First Editions® Grape Lollipop™, ‘Shockwave’	3	9/29/16 Change from (Z4) to (Z3).
PERENNIALS	<i>Phlox subulata</i>	‘Candy Stripe’, ‘Emerald Blue’, ‘Emerald Pink’, ‘White Delight’	2	
PERENNIALS	<i>Phlox subulata</i>	Creeping Phlox – ‘Amazing Grace’, ‘Spring Purple’ Early Spring SERIES	3	9/27/18 Added
PERENNIALS	<i>Physalis alkekengi</i>	Chinese lantern	3	9/27/16 Added
PERENNIALS	<i>Physostegia virginiana</i>	Obedient Plant – ‘Miss Manners’	2	
PERENNIALS	<i>Platycodon grandiflorus</i>	Balloon Flower – ‘Astra Pink’, ‘Astra Semi-double Blue’, ‘Fuji Pink’, ‘Mariesii’	3	
PERENNIALS	<i>Polemonium</i>	Variegated Jacob’s Ladder, ‘Brise d’Anjou’	4	
PERENNIALS	<i>Polemonium caeruleum</i>	Jacob’s Ladder	2	
PERENNIALS	<i>Polemonium reptans</i>	‘Stairway to Heaven’	3	
PERENNIALS	<i>Polygonatum multiflorum</i>	Solomon’s Seal	3	
PERENNIALS	<i>Polygonatum odoratum</i>	Variegated Solomon’s Seal	3	

PERENNIALS	<i>Potentilla nepalensis</i>	Nepal Cinquefoil	4	10/1/15 Change from (Z5) to (Z4).
PERENNIALS	<i>Pulmonaria</i>	Lungwort - 'Trevi Fountain'	3	10/1/15 Change from (Z4) to (Z3)
PERENNIALS	<i>Pulmonaria longifolia</i>	Lungwort - 'Roy Davidson'	3	
PERENNIALS	<i>Pulmonaria saccharata</i>	'Mrs. Moon'	3	
PERENNIALS	<i>Pulmonaria x</i>	Lungwort - 'Little Star', 'Majeste', 'Polar Splash', 'Raspberry Splash', Sissinghurst White'	3	
PERENNIALS	<i>Pulsatilla vulgaris</i>	Pasque Flower	4	10/1/15 Change from (Z5) to (Z4)
PERENNIALS	<i>Ratibida columnifera</i>	Prairie Coneflower - 'Red'	4	
PERENNIALS	<i>Rodgersia pinnata</i>	Featherleaf Rodgers flower	4	
PERENNIALS	<i>Rudbeckia</i>	Balckeyed Susan - 'Little Goldstar', 'Viette's Little Suzy'	4	
PERENNIALS	<i>Rudbeckia fulgida</i>	'Goldsturm'	3	
PERENNIALS	<i>Rudbeckia hirta</i>	'Cherokee Sunset', 'Cherry Brandy', 'Indian Summer',	5	
PERENNIALS	<i>Rudbeckia nitida</i>	'Herbstonne'	4	
PERENNIALS	<i>Sagina subulata</i>	Pearlwort - 'Aurea'	4	9/17/15 Change from (Z5) to (Z4)
PERENNIALS	<i>Salvia argentea</i>	Silver Sage	5	
PERENNIALS	<i>Salvia greggii</i>	Sage - 'Wild Thing', 'Furmans Red'	5	
PERENNIALS	<i>Salvia nemorosa</i>	COLOR SPIRES® 'Crystal Blue' PP26344	3	9/27/16 Added
PERENNIALS	<i>Salvia nemorosa</i>	'Blue Marvel'	4	9/27/18 Added
PERENNIALS	<i>Salvia nemorosa</i>	Blue Hill', 'Snow Hill', 'Ostfriesland', 'Mainacht', 'Haeumanarc', 'Sensation Rose'	4	
PERENNIALS	<i>Salvia nemorosa</i>	Salvia - 'Blue Queen', 'Caradonna'	4	
PERENNIALS	<i>Salvia verticillata</i>	Salvia - 'Purple Rain'	4	
PERENNIALS	<i>Sanguisorba minor</i>	Small Burnet	4	9/16/16 Added
PERENNIALS	<i>Scabiosa columbaria</i>	'Butterfly Blue', 'Beaujolais Bonnets'	4	9/16/16 Added
PERENNIALS	<i>Scabiosa caucasica</i>	'Fama'	4	9/30/16 Change from (Z5) to (Z4).
PERENNIALS	<i>Scabiosa columbaria</i>	'Giant Blue'	4	9/17/15 Change from (Z5) to (Z4).
PERENNIALS	<i>Sedum alboroseum</i>	'Mediovariegatum'	3	
PERENNIALS	<i>Sedum album</i>	'Murale'	4	9/17/15 Change from (Z5) to (Z4).
PERENNIALS	<i>Sedum dasyphyllum</i>	'Himalayan Skies'	5	
PERENNIALS	<i>Sedum hispanicum</i>	'Purple Form'	4	10/15/19 Change from (Z6) to (Z4).
PERENNIALS	<i>Sedum rupestre</i>	'Angelina'	3	
PERENNIALS	<i>Sedum spectabile</i>	'Autumn Fire', 'Elsie's Gold', 'Autumn Joy', 'Neon', 'Rosy Glow'	3	
PERENNIALS	<i>Sedum telephium</i>	'Mr. Goodbud'	4	09/27/18 Added

PERENNIALS	<i>Sedum x</i>	'Beka', 'Autumn Delight™', 'Cherry Tart', 'Cherry Truffle', 'Desert Red', 'Sunsparkler'®, 'Lajos', 'Autumn Charm'™, 'Dazzleberry', 'Sunsparkler'®, 'Lajos', 'Autumn Charm'™, 'Lime Zinger', 'Sunsparkler'®, 'Maestro', 'Matrona', 'Thunderhead'	4	9/28/18 Added 'Cherry Truffle', 'Desert Red'
PERENNIALS	<i>Sempervivum</i>	Hens & Chicks - 'Cobweb Buttons', 'Comander Hay', 'Red Cobweb'	3	
PERENNIALS	<i>Silene dioica</i>	'Clifford Moor'	5	
PERENNIALS	<i>Silphium laciniatum</i>	Compass Plant	3	9/17/15 Change from (Z4) to (Z3).
PERENNIALS	<i>Silphium perfoliatum</i>	Cup Plant	3	9/17/15 Change from (Z4) to (Z3).
PERENNIALS	<i>Sisyrinchium bermudianum</i>	Blue Eyed Grass	4	
PERENNIALS	<i>Stachys byzantina</i>	Lamb's Ears - 'Helene von Stein'	4	
PERENNIALS	<i>Stachys monnieri</i>	Lamb's Ears - 'Hummelo', 'Betony', 'Pink Cotton Candy'	4	
PERENNIALS	<i>Stokesia laevis</i>	Stokes Aster - 'Klaus Jelitto'	5	
PERENNIALS	<i>Tanacetum coccineum</i>	Painted Daisy - 'Robinson Hybrids'	2	
PERENNIALS	<i>Tiarella cordifolia</i>	Elizabeth Oliver', 'Pink Skyrocket'	4	
PERENNIALS	<i>Tiarella wherryi</i>	Wherry's Foamflower	3	
PERENNIALS	<i>Tradescantia</i>	Spiderwort - 'Sweet Kate'	4	
PERENNIALS	<i>Tradescantia andersoniana</i>	Spiderwort - 'Innocence', 'Sunshine Charm'	3	
PERENNIALS	<i>Veronica</i>	Veronica - 'Giles van Hees', 'Hocus Pocus', 'Tidal Pool', 'Whitewater'	4	
PERENNIALS	<i>Veronica longifolia</i>	Veronica - 'Charlotte', 'Sonja'	4	
PERENNIALS	<i>Veronica spicata</i>	Speedwell - 'Icicle', 'Rotfuchs'	3	
PERENNIALS	<i>Veronica spicata</i>	Veronica - 'Royal Candles'	4	
PERENNIALS	<i>Vinca minor</i>	Periwinkle	4	9/16/16 Added
PERENNIALS	<i>Viola</i>	Viola - 'Etain'	4	
PERENNIALS	<i>Viola corsica</i>	Corsican Violet	5	
PERENNIALS	<i>Yucca filimentosa</i>	Yucca, Adams needle	4	9/16/16 Added
ROSES	<i>Rosa+943:965943:966943:971D 986943:961943:9943:972</i>	Home Run', WEKcisbako	4	
ROSES	<i>Rosa</i>	Can Can', 'Morning Magic', 'Phloxy Baby', 'Rainbow Knockout', 'Winner Circle', 'Highwire Flyer', 'Fruity Petals', 'Raspberry Rugostar', 'Cherry Frost'	4	9/29/18 Added 'Cherry Frost'
ROSES	<i>Rosa</i>	Carefree Marvel', 'Carefree Celebration', 'Lavender Meidiland', 'Limoncello', 'Tequila'	5	
	<i>Rosa</i>	Miracle on the Hudson®	4	8/29/19 Added
ROSES	<i>Rosa</i>	Apple Dapple', 'Bougainfeelya', Brite Eyes', 'Carefree Delight', 'Careful Sprit', 'Crimson Meidiland', Fariy Meidiland®, 'Icecap', 'Icy Drift', 'Magic Meidiland 'Meibonrib' 'Peppermint Pop', 'Ruby Meidiland', , 'The Charlatan'	4	9/29/18 Added Fariy Meidiland®, 9/1919 Added 'Magic Meidiland'
ROSES	<i>Rosa</i>	Knock Out® Series, 'Peachy Knockout', 'Rainbow Knockout', 'White Knockout'	4	9/29/18 Combine Knock Out® Series into (Z4) and (Z5)

ROSES	<i>Rosa</i>	Sunny Knockout'	4	8/29/19 Move from (Z5) to (Z4)
ROSES	<i>Rosa</i>	Hybrid - 'Frau Dagmar Hartopp', 'Magnifica', 'Campfire'	3	10/1/15 Change from (Z4) to (Z3)
ROSES	<i>Rosa</i>	Apricot Drift® aka 'Meimirrot', Coral Drift® aka 'Meidrifora', Peach Drift® aka 'Meiggili', Pink Drift® aka 'Meijocos', Red Drift® aka 'Meigalpio', Sweet Drift® aka 'Meiswetdom'	4	9/30/16 Added 'Pink Drift' Added cultivar names.
ROSES	<i>Rosa</i>	Popcorn Drift® 'Novarospop'	4	Move from (Z5) to (Z4).
ROSES	<i>Rosa</i>	White Drift®, 'Meizorland'	5	1/2/15 Move to own line change from (Z4) to (Z5).
ROSES	<i>Rosa</i>	Angel Face', 'All That Jazz', 'Blaze', 'Crimson Meidiland', 'Double Delight', 'First Prize', 'Forty Heroes', 'Gold Medal', 'Grandmas Blessing', 'John F. Kennedy', 'Just Joey', 'Kiss Me', 'Love & Peace', 'Miss All-American Beauty', 'Olympiad', 'Oregold', 'Paradise', 'Pascali', 'Peace', 'Perfume Delight', 'Pink Pearls', 'Popcorn Drift'® 'Sonia Meilland', 'Sweet Fragrance', 'Summer Sunshine', 'Sun Flare', 'Tropicana', 'Yellow Brick Road', 'Yellow Submarine'	5	Move Popcorn Drift from (Z5) to (Z4).
ROSES	<i>Rosa</i>	Blue Girl', 'Charisma', 'Chicago Peace'®, 'Dolly Parton', 'Electron', 'Fragrant Cloud'®, 'Golden Showers'®, 'Honor', 'Intrigue'®, 'King's Ransom'®, 'Love', 'Princess de Monaco', 'Queen Elizabeth', 'Red Elegance', 'Snowfire', 'Touch of Class', 'Tournament of Roses'	6	
ROSES	<i>Rosa</i>	'Broadway'	6	
ROSES	<i>Rosa</i>	Easy Elegance® Roses - 'BAIrage' All the Rage, 'BAIcham' Champagne Wishes, 'BAIypso' Calypso', 'BAIark' Como Park, 'BAIlove' Coral Cove, 'BAIage' 'High Voltage', 'BAImir' Kashmir, 'BAIief' Little Mischief, 'BAIbox' Music Box, 'BAIgirl' My Girl, 'BAIfairy' Mystic Fairy®, 'BAltown' Paint the Town', 'BAIamas' Pinktopia, 'BAIrift' Snowdrift, 'BAIset' Sunrise Sunset, 'BAIsuhe' Super Hero	4	
ROSES	<i>Rosa</i>	Easy Elegance® Chi™ Rose, aka 'Bailm'	5	8/29/19 Added
ROSES	<i>Rosa</i>	Easy Elegance® Oscar Peterson™, aka 'AAC333'	3	8/29/19 Added
ROSES	<i>Rosa</i>	Red Chinook Sunrise	3	8/19/19 Added
ROSES	<i>Rosa</i>	Foribunda - 'Nearly Wild'	4	
ROSES	<i>Rosa</i>	'Joseph's Coat'	6	



ROSES	<i>Rosa</i>	Shrub Rose – ‘MEIdomonac’ Bonica®, ‘BUChi’ Carefree Beauty™, ‘RADsun’ Carefree Sunshine™, MEIpitae’ Carefree Wonder™, ‘Prairie Sunrise’ MEIkrotal’ Scarlet Meidiland™, ‘Sea Foam’, MEIcoublan’ White Meidiland®	4	
ROSES	<i>Rosa foetida bicolor</i>	Austrian Copper Rose	4	
ROSES	<i>Rosa foetida persiana</i>	Persian Yellow Rose	4	
ROSES	<i>Rosa glauca</i>	Redleaf Rose	2	
ROSES	<i>Rosa polyantha</i>	The Fariy’	4	9/16/16 Added
ROSES	<i>Rosa woodsii</i>	Woods Wild Rose	3	9/16/16 Added
ROSES	<i>Rosa</i> x	‘Henry Kelsey’	3	10/1/15 Change from (Z4) to (Z3).
ROSES	<i>Rosa</i> x	‘Adelaide Hoodless’, ‘Alexander MacKenzie’, ‘Belle Poitevine’, ‘Blanc Double de Coubert’, ‘Champlain’, ‘Charles Albanel’, ‘Cuthbert Grant’, ‘David Thompson’, ‘Dwarf Pavement’, ‘UHLater’ (Foxie Pavement), ‘George Vancouver’, ‘Hansa’, ‘Harisons Yellow’, ‘Hope for Humanity’, ‘J.P. Connell’, ‘Jens Munk’, ‘John Cabot’, ‘John Davis’, ‘Marie Bugnet’, ‘Morden Blush’, ‘Morden Centennial’, ‘Morden Ruby’, ‘Rotesmeer’ (Purple Pavement), ‘Schneekoppe’ (Snow Pavement), ‘Therese Bugnet’, ‘William Baffin’, ‘Winnipeg Parks’	3	
ROSES	<i>Rosa</i> x	‘Morden Fireglow’	4	
ROSES	<i>Rosa</i> x	‘Ramblin Red’	4	
ROSES	<i>Rosa</i> x	Morden Sunrise’	4	
ROSES	<i>Rosa rugosa</i>	Rugosa Rose – ‘Alba’	2	
ROSES	<i>Rosa rugosa</i>	Lotty’s Love™ Chuck Bocks Rose	3	9/29/18 Added
SHRUBS	<i>Actinidia arguta</i> (also listed under vines)	Issai’ - Hardy Kiwi	5	Change from (Z4) to (Z5) 12/1/14
SHRUBS	<i>Amelanchier alnifolia</i>	Regent Saskatoon Serviceberry	2	
SHRUBS	<i>Amelanchier alnifolia</i>	Standing Ovation™ Serviceberry aka ‘Obelisk’	2	
SHRUBS	<i>Amelanchier canadensis</i>	Shadblow Serviceberry	4	
SHRUBS	<i>Andromeda polifolia</i>	Bog Rosemary – ‘Nana’	3	
SHRUBS	<i>Arctostaphylos uva-ursi</i>	Bearberry – ‘Massachusetts’	3	
SHRUBS	<i>Aronia arbutifolia</i>	Brilliantissima’	5	
SHRUBS	<i>Aronia arbutifolia</i>	Erecta’, ‘Brilliantissima’	4	8/19/19 Added
SHRUBS	<i>Aronia melanocarpa</i>	Black Chokeberry – ‘Autumn Magic’, ‘Glossy Black’ ‘Morton’, Iroquois Beauty™	3	
SHRUBS	<i>Aronia melanocarpa</i>	Low Scape™ Mound Black Chokeberry’UCONNAM165’ <sup>PPAF</sup> , Low Scape™ Hedger Black Chokeberry ‘UCONNAM166’ PPAF	3	9/28/18 Added Low Scape™
SHRUBS	<i>Aronia melanocarpa</i>	Ground Hog™ aka’UCONNAM012’	3	10/15/19 Added.
SHRUBS	<i>Azalea</i> – see <i>Rhododendron</i>	Northern Lights series developed by U of M	4	

SHRUBS	<i>Berberis</i>	<b>The following Barberry cultivars are PROHIBITED RESTRICTED NOXIOUS WEEDS in Minnesota:</b> 'Anderson' (Lustre Green™), 'Angel Wings', 'Antares', 'Bailgreen' (Jade Carousel®), 'Bailone' (Ruby Carousel®), 'Bailsel' (Golden Carousel®), (B. koreana x B. thunbergii hybrid), 'Bailtwo' (Burgundy Carousel®), B. thunbergii var. atropurpurea, 'Crimson Velvet', 'Erecta', 'Gold Ring', 'Inermis', 'JN Redleaf', (Ruby Jewel™), 'JN Variegated' (Stardust™), 'Kelleris', 'Kobold', 'Marshall Upright', 'Monomb' (Cherry Bomb™), 'Painter's Palette', 'Pow Wow', 'Red Rocket', 'Rose Glow', 'Silver Mile', 'Sparkle', 'Tara' (Emerald Carousel® B. koreana x B. thunbergii hybrid),		
SHRUBS	<i>Berberis thunbergii</i>	<del>Barberry 'Admiration', 'Bailgreen' Jade Carousel®, 'Bailone' Ruby Carousel®, 'Bailtwo' Burgundy Carousel®, 'Concorde', 'Crimson Pygmy', 'Gentry' Royal Burgundy®, 'Golden Rocket', 'Helmond Pillar' JON(Z3), 'Kobold', 'Maria' Sunjoy®, 'Gold Pillar', 'Orange Rocket', 'Rose Glow', 'Rosy Rocket'</del>	4	This requires review for noxious weeds
SHRUBS	<i>Berberis x mentorensis</i>	Mentor Barberry	5	
SHRUBS	<i>Berberis thunbergii atropurpurea</i>	Cabernet® aka 'Moretti Select'	4	
SHRUBS	<i>Berberis thunbergii</i>	Concorde'	4	9/16/19 Added.
SHRUBS	<i>Berberis thunbergii</i>	'Crimson Pygmy'	4	
SHRUBS	<i>Berberis thunbergii</i>	Golden Nugget™ aka 'Monlers'	4	9/16/19 Added.
SHRUBS	<i>Berberis thunbergii</i>	Goruzam' PP16,203 aka Golden Ruby®	4	9/16/19 Added.
SHRUBS	<i>Berberis thunbergii</i>	Helmond Pillar'	4	9/16/19 Added.
SHRUBS	<i>Berberis thunbergii</i>	Lambrusco™ aka 'BailElla'	4	9/16/19 Added.
SHRUBS	<i>Berberis thunbergii</i>	Limoncello™ aka 'BailErin'	4	9/16/19 Added.
SHRUBS	<i>Berberis thunbergii</i>	Lustre Green™ aka 'Anderson'	4	9/16/19 Added.
SHRUBS	<i>Berberis thunbergii</i>	Moscato™ aka 'BailAnna'	4	9/16/19 Added.
SHRUBS	<i>Berberis thunbergii</i>	Orange Rocket' PP18,411	4	9/16/19 Added.
SHRUBS	<i>Berberis thunbergii</i>	Rosy Rocket'	4	9/16/19 Added.
SHRUBS	<i>Berberis thunbergii</i>	'Sunjoy® aka 'Maria' PP18,082	4	9/16/19 Added.
SHRUBS	<i>Berberis thunbergii</i>	Sunjoy Mini Maroon® aka 'NCBT1'	4	9/16/19 Added.
SHRUBS	<i>Berberis thunbergii</i>	Sunjoy Todo™ aka 'NCBX1'	4	9/16/19 Added.
SHRUBS	<i>Berberis thunbergii</i>	'Toscana™ aka 'BailJulia'	4	9/16/19 Added.
SHRUBS	<i>Berberis vulgaris</i>	Common Barberry PROHIBITED NOXIOUS WEED IN MINNESOTA	4	10/15/19 Added.
SHRUBS	<i>Buddleia davidii</i>	African Queen', 'Black Knight', 'Honeycomb', 'Moonshadow', 'Nanho Blue', 'Pink Delight', 'Potter's Purple', 'Summer Rose', 'Windy Hill'	5	

SHRUBS	<i>Buddleia davidii</i>	Butterfly Bush - Pugster Blue® aka 'SMNBDBT' Pugster Periwinkle® aka 'SMNBDO' Pugster Pink® aka 'SMNBDPT' Pugster Amethyst® aka 'SMNBDL'	5	9/29/18 Added
SHRUBS	<i>Buddleia davidii</i>	Funky Fuchsia™ 'PIIBD-II' PP26,278, Groovy Grape™ 'PIIBD-I' PP26,305, Psychedelic Sky™ 'PIIBD-III' PP26,306, 'Purple Haze' PP24,514,	5	9/16/19 Added
SHRUBS	<i>Buddleia davidii</i>	RoyalRazz™ ' - aka 'SRPbudroy'	4	10/15/19 Added
SHRUBS	<i>Buxus x</i>	'Glencoe' aka 'Chicagoland Green'	4	
SHRUBS	<i>Buxus x</i>	Green Gem'	4	9/19/18 Added new line
SHRUBS	<i>Buxus macrophylla x sempervirens</i>	'Winter Gem', 'Green Mountain'	5	
SHRUBS	<i>Buxus macrophylla x sempervirens</i>	Green Velvet'	4	
SHRUBS	<i>Buxus</i>	Northern Charm™ aka 'Wilson'	4	8/19/19 Added
SHRUBS	<i>Buxus macrophylla x sempervirens</i>	Peergold'	6	
SHRUBS	<i>Buxus microphylla</i>	Winter Gem'	5	
SHRUBS	<i>Buxus microphylla</i>	'Wintergreen' Littleleaf Boxwood aka 'Koreana'	4	
SHRUBS	<i>Buxus microphylla var. japonica</i>	'Baby Gem', , 'Green Beauty', 'Sunnyside'	6	2/11/15 Change from (Z5) to (Z6)
SHRUBS	<i>Buxus sempervirens</i>	Common Boxwood - 'Suffruticosa'	5	
SHRUBS	<i>Buxus sempervirens</i>	'Arctic Emerald'	5	
SHRUBS	<i>Buxus sempervirens</i>	Graham Blandy'	5	9/16/19 Added.
SHRUBS	<i>Buxus sempervirens</i>	'Pendula'	6	
SHRUBS	<i>Callicarpa dichotoma</i>	'Profusion'	5 (dieback in (Z4)	9/29/18 Added dieback in (Z4)
SHRUBS	<i>Callicarpa dichotoma</i>	'Dark Star', 'Early Amethyst', 'Issai',	5 (dieback in (Z4)	9/29/18 Added dieback in (Z4)
SHRUBS	<i>Calycanthus floridus</i>	'Athens', 'Michael Lindsey'	5	
SHRUBS	<i>Caragana aborescens</i>	Siberian Peashrub	2	
SHRUBS	<i>Caragana frutex</i>	Glove Peashrub aka 'Globosa'	2	
SHRUBS	<i>Caragana pygmaea</i>	Pygmy Peashrub	3	9/16/19 Added.
SHRUBS	<i>Caryopteris x clandonensis</i>	'Blue Mist', 'Dark Knight', 'Minbleu', 'Blayer Splatz'	5	
SHRUBS	<i>Ceanothus americanus</i>	New Jersey Tea	3	9/16/16 Added
SHRUBS	<i>Cephalanthus occidentalis</i>	Buttonbush	4	
SHRUBS	<i>Cephalanthus occidentalis</i>	Fiber Optics™ 'Bailoptics'	4	9/28/18 Added
SHRUBS	<i>Chaenomeles japonica</i>	Quince - 'Minerva',	5	
SHRUBS	<i>Chaenomeles japonica</i>	Quince - 'Rubra'	5	
SHRUBS	<i>Chaenomeles japonica</i>	Quince - 'Sargentii'	5	
SHRUBS	<i>Chaenomeles speciosa</i>	Quince - 'Alba', 'Apple Blossom', 'Contorta', 'Crimson Beauty', 'Nivalis', 'Rubra', 'Spitfire',	5	
SHRUBS	<i>Chaenomeles speciosa</i>	Quince - 'Toyo Nishiki'	5	
SHRUBS	<i>Chaenomeles speciosa</i>	Quince Double Take Peach™	5	8/21/17 Added

SHRUBS	<i>Chaenomeles superba</i>	Quince - 'Crimson and Gold', 'Hollandia'	5	
SHRUBS	<i>Chaenomeles superba</i>	Quince - 'Jet Trail'	5	
SHRUBS	<i>Chaenomeles superba</i>	Quince - 'Texas Scarlet'	5	
SHRUBS	<i>Clethra alnifolia</i>	Summersweet - 'Hummingbird', 'Ruby Spice', 'September Beauty', 'Sixteen Candles', 'Caleb' Vanilla Spice®	4	
SHRUBS	<i>Clethra alnifolia</i>	Surartina™ aka 'Crystalina'	4	8/19/19 Added
SHRUBS	<i>Clethra alnifolia</i>	Einstein™ - aka 'Novacleein'	4	10/15/19 Added
SHRUBS	<i>Comptonia peregrina</i>	Sweetfern	2	
SHRUBS	<i>Cornus alba</i>	Dogwood - 'Argenteo-marginata', 'Minbat', 'Buds Yellow', 'Bailhalo', 'Elegantissima', 'Sibirica'	3	9/27/16 Added 'Sibirica' (Z3).
SHRUBS	<i>Cornus alba</i>	First Editions® Neon Burst™ 'ByBoughen'	2	8/21/17 Added
SHRUBS	<i>Cornus alba</i>	'Prairie Fire'	2	10/15/19 Added.
SHRUBS	<i>Cornus bailei</i>	Red Twig Dogwood	2	9/18/19 Added
SHRUBS	<i>Cornus hessei</i>	Garden Glow™	4	8/19/19 Added
SHRUBS	<i>Cornus kousa chinensis</i>	Chinese or Kousa Dogwood	5	9/16/19 Added
SHRUBS	<i>Cornus mas</i>	Corneliancherry - 'Golden Glory'	4	9/24/15 Change from (Z5) to (Z4), 9/28/18 Nomenclature 'Golden Glory' is a cultivar
SHRUBS	<i>Cornus pumila</i>	Dwarf Red Tipped Dogwood	4	
SHRUBS	<i>Cornus obliqua</i>	Red Rover® Silky Dogwood	4	8/29/19 Added
SHRUBS	<i>Cornus racemosa</i>	Gray Dogwood	3	
SHRUBS	<i>Cornus racemosa</i>	Huron® 'Hurzam'	4	8/19/19 Added
SHRUBS	<i>Cornus racemosa</i>	Muskingum® aka 'Muzam'	4	8/19/19 Added
SHRUBS	<i>Cornus sanguinea</i>	Dogwood - Arctic Sun™ aka 'Cato'	4	
SHRUBS	<i>Cornus sanguinea</i>	Dogwood - 'Winter Flame'	4	10/1/15 Change from (Z5) to (Z4).
SHRUBS	<i>Cornus sanguinea</i>	Dogwood - 'Compressa', 'Midwinter Fire', 'Winter Beauty'	5	
SHRUBS	<i>Cornus sericea</i>	'Cardinal' Red Osier Dogwood	2	
SHRUBS	<i>Cornus sericea</i>	'Kelseyi' Dwarf Dogwood	4	
SHRUBS	<i>Cornus sericea</i>	Alleman's Compact Dogwood	3	
SHRUBS	<i>Cornus sericea</i>	Firedance™ aka 'Bailadeline' Dogwood	2	
SHRUBS	<i>Cornus sericea</i>	Dogwood - 'Flaviramea'	2	9/27/16 Added
SHRUBS	<i>Cornus sericea</i>	Isanti Dogwood	2	
SHRUBS	<i>Cornus sericea</i>	Silver and Gold Dogwood	3	
SHRUBS	<i>Cornus sericea (stolonifera)</i>	Arctic Fire™ aka 'Farrow' Dogwood	3	10/15/19 MNLA <i>stolonifera</i> is synonym of <i>sericea</i> .
SHRUBS	<i>Cornus sericea (stolonifera)</i>	Hedgerow's Gold Dogwood	4	10/15/19 MNLA <i>stolonifera</i> is synonym of <i>sericea</i> .
SHRUBS	<i>Corylus americana</i>	American Hazelnut	4	

SHRUBS	<i>Corylus americana</i>	American Hazelnut – 'Purpleleaf Bailey Select'	3	
SHRUBS	<i>Corylus avellana</i>	Contorted Hazel - 'Contorta'	5	
SHRUBS	<i>Cotinus coggygria</i>	Smokebush - 'Nordine', 'Velvet Cloak'	4	9/17/15 Change from (Z5) to (Z4).
SHRUBS	<i>Cotinus coggygria</i>	Smokebush - 'Royal Purple'	5 (Dieback in (Z4))	9/29/18 Added dieback in (Z4)
SHRUBS	<i>Cotinus coggygria</i>	Smokebush - 'Atropurpureus', 'Daydream', 'Purple Supreme',	5	
SHRUBS	<i>Cotinus coggygria</i>	Grace Smokebush	4	
SHRUBS	<i>Cotinus coggygria</i>	Golden Spirit aka 'Ancot' Smokebush	4	
SHRUBS	<i>Cotinus coggygria</i>	Smokebush - 'Pink Champagne'	5	
SHRUBS	<i>Cotinus coggygria</i>	Smokebush - 'Purpureus'	5	
SHRUBS	<i>Cotinus coggygria</i>	Smokebush - Winecraft Black®	4	9/28/18 Added
SHRUBS	<i>Cotoneaster</i>	First Editions® Autumn Inferno® Cotoneaster, 'Bonfire'	5	8/29/19 Added
SHRUBS	<i>Cotoneaster adpressus</i>	Tom Thumb Creeping Cotoneaster	4	
SHRUBS	<i>Cotoneaster apiculatus</i>	Cranberry Cotoneaster	4	10/1/15 Change from (Z5) to (Z4).
SHRUBS	<i>Cotoneaster dammeri</i>	'Nordic Carpet'	5	
SHRUBS	<i>Cotoneaster lucidus</i>	Hedge Cotoneaster	2	
SHRUBS	<i>Cryptomeria japonica</i> (Also listed under TREES	'PIICJ-I' Chapel View Japanese Cedar	6	
SHRUBS	<i>Cytisus purgans</i>	Broom - 'Spanish Gold'	5	
SHRUBS	<i>Daphne mezereum</i>	February Daphne	5	
SHRUBS	<i>Daphne x burkwoodii</i>	Daphne - 'Carol Mackie', 'Brigggs Moonlight', 'Somerset'	4	
SHRUBS	<i>Deutzia</i>	Yuki Cherry Blossom™	5	9/28/18 Added
SHRUBS	<i>Deutzia gracilis</i>	'Nana', 'Nikko', 'Slender Deutzia'	5	
SHRUBS	<i>Dierivilla lonicera</i>	Dwarf Bush Honeysuckle	3	
SHRUBS	<i>Diervilla sessilifolia</i>	Bush Honeysuckle – 'Cool Splash' aka 'LPDC Podaras'	4	
SHRUBS	<i>Diervilla sessilifolia</i>	Butterfly'	4	8/19/19 Added
SHRUBS	<i>Diervilla splendens</i>	Firefly Nightglow™ aka 'El adrigal'	4	8/19/19 Added
SHRUBS	<i>Dirca palustris</i>	Leatherwood	3	
SHRUBS	<i>Elaeagnus angustifolia</i>	Russian Olive	2	
SHRUBS	<i>Elaeagnus commutata</i>	Silverberry – 'Silverscape'	2	
SHRUBS	<i>Euonymus alatus</i>	Winged Burning Bush	3	
SHRUBS	<i>Euonymus alatus</i>	Burning Bush - 'Compactus', 'Grove Compactus',	4	
SHRUBS	<i>Euonymus alatus</i>	Little Moses™ aka 'Odom' PP13,168	4	9/16/19 Added.
SHRUBS	<i>Euonymus alatus</i>	Rudy Haag'	5	
SHRUBS	<i>Euonymus alatus</i>	Fireball™ aka 'Select'	4	8/19/19 Added
SHRUBS	<i>Euonymus bungeana</i>	Winterberry Euonymus – 'Prairie Radiance', 'Verona'	3	
PERENNIALS	<i>Euonymus fortunei</i>	Canadale Gold'	4	8/19/19 Added
PERENNIALS	<i>Euonymus fortunei</i>	'Moonshadow'	4	9/17/15 Move to own line from (Z5), 9/29/17 Move from perennials to shrubs.
PERENNIALS	<i>Euonymus fortunei</i>	Emerald Gaiety', 'Emerald and Gold', 'Harliquin',	5	9/29/17 Move from perennials to shrubs

SHRUBS	<i>Exochorda x macrantha</i>	Pearlbush - 'Bailmoon' aka Lotus Moon™	3	9/28/18 Change from (Z4) to (Z3)
SHRUBS	<i>Exochorda x serratifolia</i>	'Northern Pearls' U of M release	4	9/28/18 Added, 10/15/19 MNLA remove x from name.
SHRUBS	<i>Forsythia</i>	'Meadowlark', 'Northern Gold'	3	
SHRUBS	<i>Forsythia</i>	'Arnold Dwarf',	5	2/11/15 Change from (Z4) to (Z5).
SHRUBS	<i>Forsythia</i>	Forsythia - 'Fiesta', 'Courtaneur' Gold Cluster™, 'Gold Tide', 'Northern Sun',	4	2/11/15 Moved 'Arnold Dwarf', to own line
SHRUBS	<i>Forsythia</i>	Showoff™ aka 'Mindor'	4	
SHRUBS	<i>Forsythia</i>	'Sunrise'	4	
SHRUBS	<i>Forsythia suspense var. sieboldii</i>	Weeping Forsythia	4	
SHRUBS	<i>Forsythia viridissima</i>	Dwarf Forsythia - 'Bronxensis'	5	
SHRUBS	<i>Forsythia x intermedia</i>	Forsythia - 'Lynwood Gold', 'Spring Glory'	4	
SHRUBS	<i>Fothergilla gardenii</i>	Dwarf Fothergilla	4	9/30/16 Change from (Z5) to (Z4).
SHRUBS	<i>Fothergilla x intermedia</i>	'Mt. Airy', 'Blue Shadow'	4	9/30/16 Change from (Z5) to (Z4)
SHRUBS	<i>Gaultheria procumbens</i>	Wintergreen	3	
SHRUBS	<i>Genista tinctoria</i>	Royal Gold Woadwaxen	4	
SHRUBS	<i>Hamamelis vernalis</i>	Vernal Witch Hazel	5	
SHRUBS	<i>Hamamelis virginiana</i>	Witch Hazel	3	9/30/16 Change from (Z4) to (Z3).
SHRUBS	<i>Hamamelis x intermedia</i>	Witch Hazel - 'Arnold Promise'	5	
SHRUBS	<i>Hamamelis x intermedia</i>	Witch Hazel - 'Diane', 'Jelena'	5	9/16/19 Added
SHRUBS	<i>Heptacodium miconioides</i>	First Editions® Tianshan™ Seven-son flower aka 'Minhep'	5	8/29/19 Added
SHRUBS	<i>Heptacodium miconioides</i>	Seven-son Flower	5	9/17/15 Change from (Z4) to (Z5).
SHRUBS	<i>Hibiscus syriacus</i>	'Aphrodite', 'Ardens', 'Greba', 'Notwoodthree', 'Bluishing Bride', 'Collie Mullens', 'Notwoodone',	5	
SHRUBS	<i>Hibiscus syriacus</i>	'Diana', 'Minfren', 'Minspot', 'Minigrand', 'Mineu'	5	
SHRUBS	<i>Hydrangea anomala</i> (also listed with VINES)	Climbing Hydrangea	5	
SHRUBS	<i>Hydrangea arborescens</i>	Annabelle', 'Invincibelle Spirit'	3	
SHRUBS	<i>Hydrangea arborescens</i>	Invincibelle Limetta™ Invincibelle Mini Mauvette™ Invincibelle® Wee White™	3	8/21/17 Added
SHRUBS	<i>Hydrangea arborescens</i>	Incrediball® aka 'Abetwo', 'Incrediball Blush'	3	9/29/15 Change from (Z4) to (Z3).
SHRUBS	<i>Hydrangea macrophylla</i>	'All Summer Beauty', 'Glowing Embers' First Editions® 'Light o Day' aka 'Bailday', 'Nikko Blue', 'Pia', 'Pink Beauty'	5	
SHRUBS	<i>Hydrangea macrophylla</i>	Bigleaf Hydrangea	5	

SHRUBS	<i>Hydrangea macrophylla</i>	Endless Summer® aka 'Bailmer', 'Bloomstruk' aka PIIHM-II, <del>'Blushing Bride'</del> , 'Twist and Shout' aka PIIHM-I, Summer Crush™ aka 'Bailmacfive'	4	9/29/18 Added Summer Crush™
SHRUBS	<i>Hydrangea macrophylla</i>	Endless Summer® 'Blushing Bride	5	9/16/19 Move 'Blushing Bride from (Z4)
SHRUBS	<i>Hydrangea paniculata</i>	First Editions® Great Star™ aka 'Le Vasterival', First Editions® Tickled Pink® aka 'HYPMADII', First Editions® Strawberry Sundae® aka 'Rensun', First Editions® Vanilla Strawberry™ aka 'Renhy', First Editions® White Diamonds® aka 'HYPMADI', First Edditions® Pinky Winky™ aka 'DVPinky', Quick Fire® aka 'Bulk', First Editions® Berry White™ aka 'Renba' Proven Winners® Zinfin Doll® aka 'SMNHPRZEP'	3	9/29/15 Change from (Z4) to (Z3) This is an appaent mistake. Was not changed from (Z4) to (Z3), Change was made 9/29/16, 9/29/18 Added Berry White™, Zinfin Doll®
SHRUBS	<i>Hydrangea paniculata</i>	Baby Lace®	4	8/19/19 Added
SHRUBS	<i>Hydrangea paniculata</i>	First Editions® Berry White®	4	8/29/19 Added
SHRUBS	<i>Hydrangea paniculata</i>	'Pink Diamond'	3	Change from (Z5) to (Z3)
SHRUBS	<i>Hydrangea paniculata</i>	Diamond Rouge® Panicle Hydrangea	3	9/28/18 Added
SHRUBS	<i>Hydrangea paniculata</i>	Phantom'	3	8/19/19 Added
SHRUBS	<i>Hydrangea paniculata</i>	Hydrangea - 'ILVOBO' Bobo™, Lavalamp™ Flare 'Limelight', 'Little Lime', aka 'Jane', 'Grandiflora', 'Pink Diamond', 'Tardiva'	3	
SHRUBS	<i>Hydrangea quercifolia</i>	Oakleaf Hydrangea	5	
SHRUBS	<i>Hydrangea quercifolia</i>	Oakleaf Hydrangea 'Alice', 'Snow Queen', 'Munchkin', 'Ruby Slippers'	5	
SHRUBS	<i>Hypericum calycinum</i>	St. Johnswort	4	9/30/16 Moved from Perennials
SHRUBS	<i>Hypericum x</i>	Hidcote' Gold Cup St. Johnswort	5	8/21/17 Added
SHRUBS	<i>Hypericum kalmianum</i>	St. John's Wort - 'Ames' Ames Kalm, 'Cfflpc-41' Blue Velvet™	4	
SHRUBS	<i>Hypericum inodorum</i>	Pumpkin' ka 'Kolmapuki' PP24,576, 'Red Star' aka 'Kolmarest' PP21,313	6	9/16/19 Added.
SHRUBS	<i>Ilex</i>	Sparkleberry Winterberry	4	
SHRUBS	<i>Ilex crenata</i>	Japanese Holly	6	
SHRUBS	<i>Ilex glabra</i>	Shamrock' Inkberry	4	
SHRUBS	<i>Ilex glabra</i>	'Nordic' Holly - 'Chamzin'	5	
SHRUBS	<i>Ilex meserveae</i>	'Blue Girl'	5	
SHRUBS	<i>Ilex meserveae</i>	'Blue Princess', 'Blue Prince', 'Castle Wall',	5	
SHRUBS	<i>Ilex meserveae</i>	'Castle Spire', 'China Boy', 'China Girl', 'Honeymooners'	5	
SHRUBS	<i>Ilex verticillata</i>	Winterberry - 'Afterglow', 'Jim Dandy', 'Red Sprite', 'Southern Gentleman', 'Bailfire' First Editions® Wildfire™, 'Winter Red'	4	

SHRUBS	<i>Ilex verticillata</i>	Winterberry (native) – Most cultivars are zone 4	3	
SHRUBS	<i>Illicium floridanum</i>	Florida Anise-tree, 'Pink Frost'	6	
SHRUBS	<i>Itea virginica</i>	Scarlet Beauty™ aka 'Morton' Sweetspire	4	
SHRUBS	<i>Itea virginica</i> -	Virginia Sweetspire 'Henry's Garnet', 'Sprich'	5	
SHRUBS	<i>Juniperus chinensis</i>	Juniper - 'Maneyi'	3	
SHRUBS	<i>Juniperus chinensis</i>	Blue Point', 'Fruitlandi', 'Old Gold', 'Sea Green', 'Spartan'	4	
SHRUBS	<i>Juniperus chinensis sargentii</i>	'Glauc', 'Blue Sargent', 'Viridis', 'Green Sargent'	4	
SHRUBS	<i>Juniperus communis</i>	'Gold Cone'	5	
SHRUBS	<i>Juniperus communis</i>	Pencil Point'	4	8/21/17 Added
SHRUBS	<i>Juniperus horizontalis</i>	Bar Harbor Juniper	4	
SHRUBS	<i>Juniperus horizontalis</i>	Compact Juniper - 'Andorra' 'Compacta', 'Blue Chip', 'Blue Prince', 'Hughes', 'Prince of Wales', 'Wiltoni'	3	
SHRUBS	<i>Juniperus procumbens</i>	Dwarf Japgarden aka 'Nana' Juniper	4	
SHRUBS	<i>Juniperus sabina</i>	'Arcadia', 'Broadmoor', 'Savin', 'Buffalo', 'Sierra Spreader'	3	
SHRUBS	<i>Juniperus sabina</i>	Blue Forest Juniper	4	
SHRUBS	<i>Juniperus scopulorum</i>	Rocky Mountian Juniper - 'Cologreen', 'Medora', Sky High™ aka 'Bailigh', 'Welchi', 'Wichita Blue' Juniper	3	
SHRUBS	<i>Juniperus squamata</i>	Blue Star Juniper	4	
SHRUBS	<i>Juniperus virginiana</i>	'Taylor'	3	
SHRUBS	<i>Juniperus virginiana</i>	Eastern Red Cedar	3	
SHRUBS	<i>Juniperus x</i>	Juniper - 'Star Power™' aka 'J.N. Select Blue'	3	
SHRUBS	<i>Juniperus x media</i>	Daub's Frosted Juniper - 'Daub's Frosted'	4	
SHRUBS	<i>Juniperus x pfitzertiana</i>	Kayllay's Compact Juniper	4	
SHRUBS	<i>Kerria japonica</i>	Superba Japanese Kerria, Golden Guinea Kerria	5	
SHRUBS	<i>Kalmia latifolia</i>	Mountian Laurel	5	8/16/17 Added
SHRUBS	<i>Kolkwitzia amabilis</i>	Dream Catcher™ aka 'Maradco' Beautybush	4	
SHRUBS	<i>Kolkwitzia amabilis</i>	'Pink Cloud'	5	
SHRUBS	<i>Kolkwitzia amabilis</i>	Beautybush	5	
SHRUBS	<i>Ligustrum ovalifolium</i>	California Privet	5	
SHRUBS	<i>Ligustrum vulgare</i>	First Editions® Straight Talk™ Privet 'Swift'	4	8/21/17 Added
SHRUBS	<i>Ligustrum vulgare</i>	Privet - 'Cheyenne', 'Lodense'	4	
SHRUBS	<i>Ligustrum x vicaryi</i>	'Golden Vicary', 'Hillside'	5	
SHRUBS	<i>Lindera benzoin</i>	Spicebush	5	
SHRUBS	<i>Lonicera</i>	Honeysuckle - 'Freedom', 'Honeyrose'	4	
SHRUBS	<i>Lonicera x italica</i>	Sherlite" Harlequin	4	9/16/16 Added
SHRUBS	<i>Lonicera nitida</i>	'Edme Gold', 'Briloni'	6	
SHRUBS	<i>Lonicera tatarica</i> - <b>Invasive not recommended</b>	Arnold Red Honeysuckle	3	
SHRUBS	<i>Lonicera x xylosteoides</i>	Miniglobe Honeysuckle	3	
SHRUBS	<i>Lonicera xylosteum</i>	Honeysuckle - 'Emerald Mound'	4	
SHRUBS	<i>Lonicera xylosteum</i>	Clavey's Dwarf Honeysuckle	3	
SHRUBS	<i>Mahonia repens</i>	Creeping Mahonia	5	
SHRUBS	<i>Myrica pensylvanica</i>	Northern Bayberry	4	



DECIDUOUS TREES & EVERGREENS	<i>Picea abies</i>	Bird's Nest Spruce, 'Nidiformis'	3	9/28/18 Move to Shrubs
DECIDUOUS TREES & EVERGREENS	<i>Picea abies</i>	Dwarf Norway Spruce, 'Pumila'	3	9/28/18 Move to Shrubs
DECIDUOUS TREES & EVERGREENS	<i>Picea abies</i>	Weeping Norway Spruce - 'Pendula'	3	9/28/18 Move to Shrubs
DECIDUOUS TREES & EVERGREENS	<i>Picea abies</i>	Norway Spruce - 'Little Gem'	4	9/28/18 Move to Shrubs
SHRUBS	<i>Philadelphus</i>	Mockorange - 'Buckley's Quill', 'Miniature Snowflake', 'Snowbelle' 'Snowwhite Fantasy' First Editions® Snow White™	4	
SHRUBS	<i>Philadelphus coronaius</i>	Golden aka 'Aureus' Mockorange	4	
SHRUBS	<i>Philadelphus</i>	'Natches' Mockorange	5	
SHRUBS	<i>Philadelphus x virginialis</i>	Minnesota Snowflake Mockorange	4	
SHRUBS	<i>Philadelphus lewisii</i>	Blizzard Mockorange	3	
SHRUBS	<i>Physocarpus opulifolius</i>	'Dart's Gold' Ninebark	2	
SHRUBS	<i>Physocarpus opulifolius</i>	Alouette™ - aka 'Couriphy01'	4	10/15/19 Added.
SHRUBS	<i>Physocarpus opulifolius</i>	Amber Jubilee™ aka 'Jeffcam' Ninebark	2	
SHRUBS	<i>Physocarpus opulifolius</i>	Centerglow Ninebark	3	
SHRUBS	<i>Physocarpus opulifolius</i>	Fireside™ aka 'UMNHarpell'	3	9/29/18 Added
SHRUBS	<i>Physocarpus opulifolius</i>	Diabolo® aka 'Monlo' Ninebark	3	
SHRUBS	<i>Physocarpus opulifolius</i>	Dwarf Ninebark aka 'Nanus'	2	
SHRUBS	<i>Physocarpus opulifolius</i>	Little Devil™ aka 'Donna May' Ninebark	3	
SHRUBS	<i>Physocarpus opulifolius</i>	Summer Wine® aka 'Seward' Ninebark	3	
SHRUBS	<i>Pieris japonica</i>	'Cavatine', 'Katsura', 'Valley Rose'	5	
SHRUBS	<i>Pieris japonica</i>	'My Fire'	5	
SHRUBS	<i>Potentilla fruticosa</i>	Potentilla - 'Abbotswood', 'Fargo' Dakota Sunspot®, 'Gold Drop', 'Goldfinger', 'UMan' Mango Tango™, 'McKay's White', 'Pink Beauty', 'Primrose Beauty', 'Setting Sun'	2	
SHRUBS	<i>Potentilla fruticosa</i>	Potentilla - Citrus Tart™ aka 'Bailcitrus'	2	9/28/18 Added
SHRUBS	<i>Potentilla fruticosa</i>	First Editions® Mandarin Tango™ Potentilla aka 'Jefman', First Editions® Marmalade™ Potentilla aka 'Jefmarm'	2	9/29/19 Added
SHRUBS	<i>Prunus besseyi</i>	'Pawnee Buttes'	3	
SHRUBS	<i>Prunus besseyi</i>	Western Sand Cherry	3	
SHRUBS	<i>Prunus glandulosa</i>	Pink Flowering Almond - 'Rosea Plena'	4	
SHRUBS	<i>Prunus maritima</i>	Beach Plum	3	
SHRUBS	<i>Prunus persica</i>	Bonfire'	5	10/15/19 Added.
SHRUBS	<i>Prunus persica</i>	'Crimson Cascade'	5	10/15/19 Added.
SHRUBS	<i>Prunus tomentosa</i>	Nanking Cherry	2	
SHRUBS	<i>Prunus triloba</i>	Double Flowering Plum	3	
SHRUBS	<i>Prunus x cistena</i>	Purpleleaf Sand Cherry	3	
SHRUBS	<i>Pyracantha coccinea</i>	Firethorn 'Mohave'	6	
SHRUBS	<i>Rhamnus frangula</i>	Fine Line Buckthorn - 'Ron Williams'	2	
SHRUBS	<i>Rhamnus frangula</i>	Tallhedge Buckthorn	3	

SHRUBS	<i>Rhododendron</i>	'1000 Butterflies', 'Ambrosia', 'Hansel', 'Supernova'	6	
SHRUBS	<i>Rhododendron</i>	Lights Series Azaleas and PJM's are zone 4	4	
SHRUBS	<i>Rhododendron</i> x	Bubblegum', 'Helsinki University', 'Mikkeli', 'Olga Mezzitt', 'Cornell Pink', 'Henry's Red', 'April Rose'	4	9/28/18 Added
SHRUBS	<i>Rhododendron</i> x	First Editions® Electric Lights™ Double Pink Azalea aka 'UMNAZ 493' PP26,600	4	9/28/18 Added
SHRUBS	<i>Rhododendron</i> x	Minnmetonka'	4	10/15/19 Added.
SHRUBS	<i>Rhododendron</i>	Azalea --'Candy Lights™', <del>'Firestorm'</del> , 'Golden Lights', 'Haaga', 'Lemon Lights', 'Lilac Lights™', 'Mandarin Lights', 'Mikkeii', 'Northern Hi-Lights', 'Northern Lights', 'Orchid Lights', 'Rosy Lights', 'Tri-Lights', 'White Lights', 'Aglo', 'Millenium', <del>'Northern Starburst'</del> , 'P.J.M.' 'P.J.M. Elite', 'Pink and Sweet' Weston's Innocence', Weston's Lemon Drop', 'Weston's Parade', 'Weston's Popsicle'	4	9/28/18 Move 'Helliikki' to new line change to (Z5)
SHRUBS	<i>Rhododendron</i>	'Northern Starburst', 'Firestorm'	5	10/15/19 Change from (Z4) to (Z5).
SHRUBS	<i>Rhododendron</i>	Besse Howells', 'Ken Janeck'	4	10/15/19 Added.
SHRUBS	<i>Rhododendron</i>	Ramapo rhododendron - 'Ramapo'	5	
SHRUBS	<i>Rhododendron</i>	Helliikki'	5	9/28/18 moved from (Z4) to (Z5)
SHRUBS	<i>Rhododendron</i> x	Azalea - 'Cascade'	5	9/27/18 Added
SHRUBS	<i>Rhododendron</i> x	Azalea - 'Stewartstonian'	5	9/27/18 Added
SHRUBS	<i>Rhododendron</i> x	Azalea - 'Pleasant White'	5	9/27/18 Added
SHRUBS	<i>Rhododendron catawbiense</i>	Azalea - 'Album', 'English Roseum', 'Nova Zembla', 'Purple Elegens', Roseum Elegans'	4	
SHRUBS	<i>Rhododendron</i> x	Purple Gem Azalea	4	
SHRUBS	<i>Rhododendron</i> x <i>kosteranum</i>	Mollis Azalea	4	
SHRUBS	<i>Rhododendron yedoense</i>	Korean Azalea - 'Compacta', 'Kelly Marie', 'Kimberlys Doub', 'Sweet 16' 1/22/13 SH None named ok at MLA and St. Paul.	5	
SHRUBS	<i>Rhus aromatica</i>	Fragrant Sumac	3	
SHRUBS	<i>Rhus aromatica</i>	Fragrant Sumac - 'Gro-low'	3	
SHRUBS	<i>Rhus aromatica</i>	Lacette™ Fragrant Sumac, aka 'Fine Texture Compact Select A'	3	8/29/19 Added
SHRUBS	<i>Rhus copallina</i> var. <i>latifolia</i>	Prairie Flame Shining Sumac - 'Morton'	5	
SHRUBS	<i>Rhus glabra</i>	Smooth Sumac	3	
SHRUBS	<i>Rhus glabra</i>	Cutleaf Smooth Sumac aka 'Laciniata'	3	
SHRUBS	<i>Rhus trilobata</i>	Skunkbush Sumac	4	
SHRUBS	<i>Rhus typhina</i>	Staghorn Sumac, Cutleaf Staghorn Sumac 'Laciniata'	3	

SHRUBS	<i>Rhus typhina</i>	First Editions® Tiger Eyes® aka 'Bailtiger' PP16.185 Cutleaf Staghorn Sumac	4	
SHRUBS	<i>Ribes alpinum</i>	Alpine Currant	2	
SHRUBS	<i>Ribes alpinum</i>	Alpine Currant - 'Green Mound'	2	
SHRUBS	<i>Ribes americanum</i>	American Black Currant	3	
SHRUBS	<i>Ribes aureum</i>	Yellow Flowering Currant	2	
SHRUBS	<i>Ribes sanguineum</i>	Currant - 'King Edward VII'	6	
SHRUBS	<i>Salix - Also listed in trees</i>	Flame Willow	3	
SHRUBS	<i>Salix discolor - Also listed in trees</i>	Pussy Willow	2	
SHRUBS	<i>Salix candida</i>	First Editions® Iceberg Alley™ Sageleaf Willow, aka 'Jefberg'	2	8/29/19 Added
SHRUBS	<i>Salix integra</i>	Nishiki Willow - 'Hakuro Nishiki'	4	
SHRUBS	<i>Salix purpurea</i>	Dwarf Blue Leaf Arctic Willow aka 'Nana'	4	
SHRUBS	<i>Sambucus canadensis</i>	Elderberry - 'Adams', 'York'	3	
SHRUBS	<i>Sambucus nigra</i>	Black Elderberry - Black Lace™ Elderberry aka 'Eva', Black Beauty® aka 'Gerda'	4	9/28/18 Added Black Beauty®
SHRUBS	<i>Sambucus nigra</i>	Black Tower', 'Golden Glow'	3	8/19/19 Added
SHRUBS	<i>Sambucus nigra</i>	Black Elderberry - Proven Winners® Instant Karma® aka 'Sanivalk' PP28,314, Proven Winners® Laced Up aka 'SNR1292' PPAF	4	9/28/18 Added Instant Karma™ and Laced up™
SHRUBS	<i>Sambucus racemosa</i>	Red Elderberry - Lemony Lace™ 'SMNSRD4'	3	9/28/18 Added Lemony Lace™
SHRUBS	<i>Shepherdia argentea</i>	Silver Buffaloberry	2	
SHRUBS	<i>Sorbaria sorbifolia</i>	Ash Leaf Spiraea, Ural False Spirea	2	
SHRUBS	<i>Sorbaria sorbifolia</i>	Sem Ash Leaf Spirea	3	
SHRUBS	<i>Sorbaria sorbifolia</i>	First Editions® Matcha Ball™ False Spirea, aka 'Levgreen'	3	8/29/19 Added
SHRUBS	<i>Spiraea</i>	First Editions® Sundrop™ Spirea aka 'Bailcarol'	3	9/29/16 Change from (Z4) to (Z3).
SHRUBS	<i>Spiraea albiflora</i>	Japanese White Spiraea	3	
SHRUBS	<i>Spiraea betulifolia</i>	Birchleaf Spiraea - Glow Girl™ aka, 'Tor Gold' 'Tor'	3	
SHRUBS	<i>Spiraea fritschiana</i>	Fritsch Spiraea	3	
SHRUBS	<i>Spiraea japonica</i>	Japanese Spiraea - 'Goldmound', 'Daphne', Sundrop™ aka 'Bailcraol', 'Little Princess', 'Magic Carpet', 'Mertyann' Dakota Goldcharm® , 'Sparkling Carpet', 'Fairy Queen'	3	
SHRUBS	<i>Spiraea japonica</i>	Spirea - 'Golden Elf', 'Neon Flash', 'Pink Parade'	4	
SHRUBS	<i>Spiraea japonica</i>	Double Play® Candy Corn™ 'NCSX1'	4	8/21/17 Added
SHRUBS	<i>Spiraea nipponica</i>	Snowmound Spirea	4	
SHRUBS	<i>Spiraea prunifolia</i>	Bridalwreath Spirea	4	
SHRUBS	<i>Spiraea thunbergii</i>	Mellow Yellow Spirea aka 'Ogon'	4	
SHRUBS	<i>Spiraea x arguta</i>	Dwarf Garland Spirea aka 'Compacta'	4	
SHRUBS	<i>Spiraea x bumalda</i>	Hybrid Spiraea - 'Superstar™ aka 'Denistar', 'Froebelii', 'Goldflame', 'Gumball',	3	
SHRUBS	<i>Spiraea x bumalda</i>	Spirea - 'Anthony Waterer Spirea', 'Crispa', 'Dart's Red', 'Flowering Choice'	4	

SHRUBS	<i>Spiraea x cineria</i>	Grefsheim Spirea	4	
SHRUBS	<i>Spiraea x vanhoulei</i>	Firegold® aka 'Levgold' Spirea	4	
SHRUBS	<i>Spiraea x vanhouttei</i>	'Renaissance'	3	
SHRUBS	<i>Stephanandra incise</i>	Crispa Cutleaf Stephanandra	4	
SHRUBS	<i>Symphoricarpos albus</i>	White Snowberry	3	
SHRUBS	<i>Symphoricarpos orbiculatus</i>	Red Snowberry	4	
SHRUBS	<i>Symphoricarpos x doorenbosii</i>	Candy™ Coralberry aka 'Kolmean'	4	
SHRUBS	<i>Symphoricarpos x doorenbosii</i>	Galaxy™ Snowberry aka 'Kolmgala'	4	
SHRUBS	<i>Symphoricarpos x doorenbosii</i>	Sweet™ Coralberry aka 'Kolmagics'	4	
SHRUBS	<i>Syringa</i>	Hybrid Lilac – Tinkerbelle® aka 'Bailbelle', Sugar Plum Fairy® aka 'Bailsugar', Thumbelina® aka 'Baillina', Prince Charming® aka 'Bailming',	3	10/2/15 Move 'Minuet' and 'Miss Canada' to new line.
SHRUBS	<i>Syringa</i>	'Minuet', 'Miss Canada'	2	10/2/15 Move to new line.
SHRUBS	<i>Syringa</i>	Bloomerang® Dark Purple Lilac-Tree Form, 'SMSJPB7'	3	8/29/19 Added
SHRUBS	<i>Syringa</i>	Lilac – 'Declaration'	4	
SHRUBS	<i>Syringa meyeri</i>	Dwarf Korean Lilac – 'Palibin'	3	
SHRUBS	<i>Syringa patula</i>	Miss Kim Lilac – 'Miss Kim'	3	
SHRUBS	<i>Syringa vulgaris</i>	Common Purple Lilac	2	
SHRUBS	<i>Syringa x</i>	Josee Lilac	4	
SHRUBS	<i>Syringa x</i>	Congo'	4	9/3/19 Added.
SHRUBS	<i>Syringa x</i>	Bloomerang® Pink Perfume Lilac	3	8/21/17 Added
SHRUBS	<i>Syringa x</i>	First Editions® Virtual Violet™ Lilac	3	8/21/17 Added
SHRUBS	<i>Syringa x chinensis</i>	Lilac Sunday	4	
SHRUBS	<i>Syringa x hyacinthiflora</i>	Hyacinth Lilac – 'Assissippi', 'Mount Baker', 'Pocahontas'	2	
SHRUBS	<i>Syringa x meyeri</i>	Lilac - Tinkerbelle® aka 'Bailbelle' Lilac Tree Form	3	
SHRUBS	<i>Syringa x prestoniae</i>	'Donald Wyman', 'James Macfarlane'	2	
SHRUBS	<i>Tamarix ramosissima</i>	Summer Glow Tamarisk	2	
SHRUBS	<i>Taxus cuspidata</i>	Emeral Spreader 'Monloo'	4	9/30/16 Change from (Z5) to (Z4).
SHRUBS	<i>Taxus cuspidata</i>	Upright aka 'Capitata' Yew	4	
SHRUBS	<i>Taxus media</i>	'Meyeri'	4	9/17/16 Change from (Z5) to (Z4).
SHRUBS	<i>Taxus media</i>	'Pyramidalis'	4	9/17/17 Change from (Z5) to (Z4).
SHRUBS	<i>Taxus media</i>	'Beanploe', 'Bonnie Green Mound', 'Densiformis Imp', 'Flushing', 'Legislator', 'Legzam', , 'New Hicks', 'Pilaris', 'Representative', 'Repzam', 'Senator', 'Sentinalis', 'Senzam', 'Sunburst', 'Thomsen', 'Vermeulen'	5	
SHRUBS	<i>Taxus x media</i>	'Densiformis' Dense Spreading Yew	5	
SHRUBS	<i>Taxus x media</i>	Citation', 'Dark Green', 'Taunton'	4	
SHRUBS	<i>Taxus x media</i>	Brownii' Yew - 'Brownii'	5	2/17/15 Added
SHRUBS	<i>Thuja koraiensis</i>	'Spring Grove'	5	
SHRUBS	<i>Thuja occidentalis</i>	'Smaragd' aka 'Emerald Green'	5	

SHRUBS	<i>Thuja occidentalis</i>	Eastern White Cedar - 'Congabe', 'Hetz Midget', 'Holmstrup', 'Nigra', 'Pygmy Globe', 'Pyramidalis', 'Bailjohn' 'Technito® Globe', 'Techny', 'Techny Globe', 'Woodwardii', 'Degroot's Spire', 'Brandon', 'Anna's Magic Ball' aka 'Anna Van Vloten', North Pole® aka 'Art Boe'	3	9/29/18 Added 'Anna's Magic Ball' and North Pole®
SHRUBS	<i>Thuja occidentalis</i>	Mr. Bowling Ball® aka 'Bobaram',	4	
SHRUBS	<i>Thuja occidentalis</i>	'Janed Gold',	5	9/28/18 Added
SHRUBS	<i>Thuja occidentalis</i>	species White Cedar	3	
SHRUBS	<i>Thuja occidentalis</i>	Pancake™ - aka 'Concesarini'	4	10/15/19 Added
SHRUBS	<i>Thuja occidentalis</i>	Sky Bound'	3	8/19/19 Added
SHRUBS	<i>Thuja occidentalis</i>	Sunkist Arborvitae	4	
SHRUBS	<i>Thuja occidentalis</i>	Little Giant' Arborvitae	3	9/19/18 Added new line
SHRUBS	<i>Thuja plicata</i>	'Canadian Gold', 'Virescens', 'Whipcord', 'Zebrina Extra Gold', 'Golden Spire'	5	
SHRUBS	<i>Thuja plicata</i>	'Grovepli' Spring Grove Arborvitae	5	
SHRUBS	<i>Viburnum lantana</i>	Mohican Viburnum	3	
SHRUBS	<i>Viburnum</i>	'Chippewa', 'Huron', 'Sarcoxie',	5	
SHRUBS	<i>Viburnum</i>	Emerald Triumph Viburnum	4	
SHRUBS	<i>Viburnum carlcephalum</i>		5	
SHRUBS	<i>Viburnum carlesii</i>	Korean Spice Bush, 'Aurora', 'Compactum', 'Diana'	5	
SHRUBS	<i>Viburnum cassinoides</i>	Witherod Viburnum	3	9/30/16 Added
SHRUBS	<i>Viburnum dentatum</i>	Arrowood Viburnum	3	
SHRUBS	<i>Viburnum dentatum</i>	Autumn Jazz® aka 'Ralph Senior' Arrowwood Viburnum	4	
SHRUBS	<i>Viburnum dentatum</i>	Blue Muffin® aka 'Christom' Arrowwood Viburnum	3	
SHRUBS	<i>Viburnum dentatum</i>	Chicago Luster aka 'Synnestvedt'	4	
SHRUBS	<i>Viburnum dilatatum</i>	'Asian Beauty', 'Cardinal Candy', 'Catskill', 'Erie', 'Henneke', 'Michael Dodge', 'Mt. Airy', 'Oneida', 'Vernon Morris'	5	
SHRUBS	<i>Viburnum edule</i>	Squashberry Viburnum	3	9/16/16 Added
SHRUBS	<i>Viburnum lentago</i>	Nannyberry Viburnum	2	
SHRUBS	<i>Viburnum lentago</i>	Homefree™	3	9/29/18 Added Homefree™
SHRUBS	<i>Viburnum nudum</i>	'Earth Shade', 'Winterthur',	5	
SHRUBS	<i>Viburnum opulus</i>	'Compactum' European Cranberrybush,	3	
SHRUBS	<i>Viburnum opulus</i>	'Roseum' Common Snowball	3	
SHRUBS	<i>Viburnum opulus</i>	'Sterile'	3	
SHRUBS	<i>Viburnum opulus</i>	Dwarf European aka 'Nanum' Cranberrybush	4	
SHRUBS	<i>Viburnum plicatum</i>	'Shasta', 'Shoshoni'	5	
SHRUBS	<i>Viburnum plicatum</i>	'Mariesii', Newport Dwarf	5	
SHRUBS	<i>Viburnum plicatum</i>	'Pink Beauty'	5	
SHRUBS	<i>Viburnum plicatum</i>	'Watenabi'	5	
SHRUBS	<i>Viburnum plicatum</i>	First Editions® Opening Day™ Doublefile Viburnum	5	8/21/17 Added
SHRUBS	<i>Viburnum sargentii</i>	Onondaga Viburnum	4	

SHRUBS	<i>Viburnum trilobum</i>	American Cranberrybush Viburnum – ‘Alfredo’ ‘Bailey Compact’, Redwing® aka ‘JN Select’ ‘Wentworth’	2	
SHRUBS	<i>Viburnum x juddi</i>	Judd Viburnum	4	9/30/2016 Added
SHRUBS	<i>Viburnum x rhytidophylloides</i>	‘Alleghany’	5	
SHRUBS	<i>Weigela praecox</i>	April Snow Weigela	4	
SHRUBS	<i>Weigela florida</i>	‘Carnaval’	5	
SHRUBS	<i>Weigela florida</i>	‘Wine and Roses’ (Alexandra)	5	This is the most contentious plant listed here. Patent tag lists zone 4 Many sources including research done at the U of M agree it is (Z5)
SHRUBS	<i>Weigela florida</i>	‘Evita’	5	
SHRUBS	<i>Weigela florida</i>	Sonic Bloom® - Red aka ‘Verweig’, Sonic Bloom® Pink aka ‘Bokrasopin’	4	9/29/16 Added
SHRUBS	<i>Weigela florida</i>	Sonic Bloom® - Pearl aka ‘Bokrasopea’	4	9/30/16 New line.
SHRUBS	<i>Weigela florida</i>	‘French Lace’ (Brigela)	5	
SHRUBS	<i>Weigela florida</i>	‘Gold Rush’	5	
SHRUBS	<i>Weigela florida</i>	‘Midnight Wine’ (Elvera)	5	
SHRUBS	<i>Weigela florida</i>	‘Rubidor’	5	
SHRUBS	<i>Weigela florida</i>	Sonic Bloom™	4	9/19/18 Trial data is needed.
SHRUBS	<i>Weigela florida</i>	‘Variegata’	5	
SHRUBS	<i>Weigela florida</i>	Dark Horse’ Weigela	4	
SHRUBS	<i>Weigela florida</i>	Ghost™ aka ‘Carlton’ Weigela	4	
SHRUBS	<i>Weigela florida</i>	Java Red’ Weigela	4	
SHRUBS	<i>Weigela florida</i>	Minuet’ Weigela	4	
SHRUBS	<i>Weigela florida</i>	My Monet® aka ‘Verweig’ Weigela	4	
SHRUBS	<i>Weigela florida</i>	Polka’ Weigela	4	
SHRUBS	<i>Weigela florida</i>	Rainbow Sensation™ aka ‘Kiomagira’	4	
SHRUBS	<i>Weigela florida</i>	Red Prince’ Weigela	4	
SHRUBS	<i>Weigela florida</i>	Rumba’ Weigela	4	
SHRUBS	<i>Weigela florida</i>	Shining Sensation™ aka ‘Bokrashine’ Weigela	4	
SHRUBS	<i>Weigela florida</i>	Spilled Wine’ aka ‘Bokraspiwi’	4	9/28/18 Added
SHRUBS	<i>Weigela florida</i>	Tango’ Weigela	4	
VINES (Also listed under FRUIT)	<i>Actinidia arguta</i>	"Issai" Hardy Kiwi	5	12/1/14 Change from (Z4) to (Z5) 9/29/17 MNLA (Z4)
VINES (Also listed under FRUIT)	<i>Actinidia arguta</i>	var. arguta	3 to 5	10/10/19 Added
VINES	<i>Actinidia kolomikta</i>	Arctic Beauty Hardy Kiwi	3	9/29/17 Change from (Z4) to (Z3)
VINES	<i>Aristolochia durior</i>	Dutchman’s Pipe	4	
VINES	<i>Ampelopsis brevipedunculata</i>	Porcelain berry vine	4	9/16/16 Added

VINES	<i>Campsis radicans</i>	Yellow Trumpet Vine - 'Flava', 'Stromboli' First Editions® Atomic Red™	5	
VINES	<i>Campsis radicans</i> - (Also found under PERENNIALS)	Trumpetvine	4	
VINES	<i>Campsis x tagliabuana</i>	'Mme Galen'	5	
VINES	<i>Celastrus scandens</i>	Autumn Revolution™ aka 'Bailumn' Bittersweet	2	
VINES	<i>Celastrus orbiculatus</i>	<b>Oriental Bittersweet is a prohibited Noxious Weed</b>		
VINES	<i>Clematis alpina</i>	'Evithree' Anna Louise™, 'Hyde Hall'™	4	9/30/16 Change from (Z3) to (Z4) Moved from Perennials
VINES	<i>Clematis alpina</i>	'Pink Flamingo'	4	9/30/16 Moved from Perennials
VINES	<i>Clematis macropetala</i>	'Markham's Pink'	3	9/30/16 Moved from Perennials
VINES	<i>Clematis macropetala</i>	Albena Plena'	4	9/30/16 Moved from Perennials
VINES	<i>Clematis macropetala</i>	Blue Bird'	3	9/30/16 Moved from Perennials
VINES	<i>Clematis macropetala</i>	Lagoon'	3	9/30/16 Moved from Perennials
VINES	<i>Clematis montana</i>	Elizabeth', 'Grandafloa', 'Mayleen'	5	9/17/15 Change from (Z4) to (Z5), 9/30/16 Moved from Perennials
VINES	<i>Clematis montana</i>	Freda', 'Rubens',	5	9/30/16 Moved from Perennials
VINES	<i>Clematis recta</i>	Purpurea'	3	9/30/16 Moved from Perennials
VINES	<i>Clematis tangutica</i>	Bill MacKenzie'	3	9/30/16 Moved from Perennials
VINES	<i>Clematis terniflora</i>	Sweet autumn clematis	4	9/30/16 Moved from Perennials
VINES	<i>Clematis texensis</i>	'Etoile Rose', 'Pagoda', 'Sir Trevor Lawrence'	4	9/30/16 Moved from Perennials
VINES	<i>Clematis texensis</i>	Duchess of Albany', 'Grevetye Beauty', 'Princess Diana'	4	9/30/16 Moved from Perennials
VINES	<i>Clematis viticella</i>	Betty Corning', 'Etoile Violette', 'Polish Spirit', 'Walenburg'	3	9/30/16 Moved from Perennials, 9/29/17 MNLA (Z3) changed from (Z4) to (Z3)
VINES	<i>Clematis viticella</i>	Purpurea Plena Elegans'	3	9/30/16 Moved from Perennials
VINES	<i>Clematis</i>	'Evipo043' Amethyst Beauty, 'Evipo028' Shimmer	5	10/2/15 Move to new line from (Z4).
VINES	<i>Clematis</i>	Clematis Sapphire Indigo™ - 'Cleminov51'	4	10/15/19 Added.
VINES	<i>Clematis</i>	'Evithree' Anna Louise™, EVIpo009' Hyde Hall™	3	
VINES	<i>Clematis x</i>	Arabella',	3	Added 8/19/19
VINES	<i>Clematis x</i>	Madame Julia Correvon Clematis	3	Added 8/19/19
VINES	<i>Clematis x</i>	General Sikorski'	3	Added 8/19/19

VINES		<p>Charmaine™ Regal® aka 'Eviopo022'  Endellion™ Boulevard® aka 'Evipo076'  PPAF,  Kitty™ Boulevard® aka 'Evipo097'  PPAF,  Nubia™ Boulevard® Clematis aka  'Eviopo059'  Sasha™ Boulevard® aka 'Evipo060'  PPAF,  Picardy™ Tudor Patio® aka 'Evipo024'  PPAF 15,156,  Tekla™ Garland® aka 'Evipo069'  Volunteer™ aka 'Evipo80''Diamond Ball'  PP24,025  Happy Jack® aka 'Zojapur'  Jolly Good™ aka 'Zojogo' PPAF  Pink Mink® aka 'Krakowiak' PP24,347  Still Waters™ aka 'Zostiwa' PP20,372  Sarah Elizabeth™ Boulevard® aka  'Eviopo0111', Tranquilite™ Boulevard®  aka 'Evipo0111'</p>	4	9/29/18 Added
VINES		<p>Clematis – Evipo017' Angelique',  'Andromeda', 'Asao', "Evipo033' Avant-  Garde™, 'Belle of Woking', 'Blue  Explosion', 'Evipo061' 'Boulevard  Bernadine', 'Claire de Lune™', 'Crystal  Fountain™', 'Evipo063' 'Corinne',  'Diana's Delight', 'Duchess of Edinburgh',  'Earthquake', 'Ernest Markham',  'Evipo023' Cezanne, 'Evipo024' Pickardy  'Evipo039' Diamantina, 'Evipo026'  Diana's Delight, 'Evipo008' Franziska  Maria™, 'Eviophill' Josephine™,  'Evipo016' Rebecca™, 'Evipo035'  Reflections, 'Evipo002' Rosemoor™,,  'Fireworks', 'Franziska Maria™',  'Fujimusume', 'Henryi', 'Huldine',  'Innocent Blush', 'Isago',  'Jackmanii', 'Josephine', 'Kilian Donahue',  'Little Mermaid', 'Malaya Garnet',  'Montana Mayleen', 'Mrs. Robert  Brydon', 'Multi Blue', 'Nelly Moser',  'Niobe', 'Piilu™', 'Little Duckling', 'Pink  Fantasy', 'Rebecca', 'Red Cardinal', 'Red  Star', 'Rhapsody', 'Rosemoor', Rouge  Cardinal', 'The President', 'Veronica's  Choice', 'Wildfire'</p>	4	
VINES	<i>Clematis lanuginosa</i>	Candida'	4	9/16/16 Added
VINES	<i>Clematis paniculata</i>	Sweet Autumn Clematis	4	
VINES	<i>Humulus lupulus</i>	'Bianca', 'Nugget' Ornamental Hop	3	
VINES	<i>Hydrangea anomala</i> (also listed with SHRUBS	Climbing Hydrangea	5	
VINES	<i>Lonicera</i>	Mandarin Honeysuckle	3	
VINES	<i>Lonicera caerulea</i>	Honeyberry – 'Berry Blue', 'Borealis', 'Cinderella', 'Tundra'	3	
VINES	<i>Lonicera reticulata</i>	Kintzley's Ghost® Grape Honeysuckle	3	



VINES	<i>Lonicera sempervirens</i>	Honeysuckle – John Clayton	4	
VINES	<i>Lonicera x brownii</i>	Dropmore Scarlet Honeysuckle	3	
VINES	<i>Lonicera x brownii</i>	Honeybelle™ aka 'Bailelle' Honeysuckle	3	
VINES	<i>Lonicera x heckrottii</i>	Goldflame Honeysuckle	5	)
VINES	<i>Lonicera periclymenum</i>	European Honeysuckle	5	9/16/16 Added
VINES	<i>Parthenocissus inserta</i>	Woodbine	3	
VINES	<i>Parthenocissus quinquefolia var. engelmannii</i>	Engelman Ivy (Virginia Creeper)	3	
VINES	<i>Parthenocissus tricuspidata</i>	Boston Ivy	4	9/16/16 Added
VINES	<i>Schizophragma hydrangeoides</i>	'Moonlight' Japanese Hydrangea Vine	5	
VINES	<i>TMC separate fall and summer</i>	'Autumn Bliss', 'Autumn Britten', 'Polana'	3	
VINES	<i>Wisteria macrostachya</i>	Wisteria – 'Aunt Dee', 'Betty Mathews' First Editions® Summer Cascade™, 'Blue Moon'	4	Aunt Dee has been found infected with virus.