

## Trees listed according to lowest average temperature they can tolerate

Hardiness Zones for Utah are outlined on Pg.11 of =  
[http://extension.usu.edu/forestry/Reading/Assets/PDFDocs/NR\\_FF/NR460.pdf](http://extension.usu.edu/forestry/Reading/Assets/PDFDocs/NR_FF/NR460.pdf)

### Hardiness Zone 1 = below -50°F

Botanical Name	Common Name	Cultivars	Zone
❖ <i>Abies lasiocarpa</i>	subalpine or alpine fir	None	1-5
❖ <i>Alnus tenuifolia</i>	thinleaf or mountain alder	None available	1-7

† = Very rarely should be planted

❖ = Native to Utah

### Hardiness Zone 2 = -50°F to -40°F

Botanical Name	Common Name	Cultivars	Zone
† <i>Elaeagnus angustifolia</i>	Russian-olive	'Red King' (rust red fruits)	2-7
† <i>Populus candicans</i>	balm-of-Gilead	'Aurora' (leaves variegated when young)	2-8
† <i>Ulmus americana</i>	American or white elm	Some claimed to be disease resistant; not proven long-term — 'Liberty', 'Washington'	2-9
❖ † <i>Acer negundo</i>	boxelder, ash-leaved or Manitoba maple	'Baron' (seedless), 'Sensation' (red fall color), several with variegated foliage	2-9
❖ <i>Acer glabrum</i>	Rocky Mountain maple	None available	2-8
❖ <i>Amelanchier alnifolia</i>	Saskatoon, western serviceberry	'Regent' (compact, shrubby), 'Success' (heavy fruit)	2-7
❖ <i>Cornus sericea</i>	red-osier or red-stemmed dogwood	'Cardinal' (bright red stems), 'Flaviramea' (yellow stems), 'Isanti' (bright red stems; compact), 'Kelsey' (compact)	2-8
❖ <i>Picea engelmannii</i>	Engelmann spruce	None available	2-5
❖ <i>Picea pungens</i>	blue or Colorado blue spruce	Numerous; 'Argentea' (silver-white needles), 'Glauca Globosa', 'Glauca Pendula', 'Hoopsii' (dense pyramidal), 'Mission Blue' (very blue)	2-7
❖ <i>Populus balsamifera</i>	balsam poplar	Some hybrids	2-5
❖ <i>Prunus virginiana</i>	common chokecherry	'Schubert' or 'Canada Red' (pyramidal form; red-green foliage)	2-9
❖ <i>Salix amygdaloides</i>	peachleaf willow	None known	2-8
❖ <i>Sorbus scopulina</i>	Greene mountain-ash	None available	2-6
<i>Acer ginnala</i>	Amur or Ginnala maple	'Compactum' (shrubby), 'Flame' (shrub to small tree; red fruits; deep red fall color)	2-8
<i>Betula papyrifera</i>	paper birch	None available	2-7

<b><i>Betula pendula</i></b>	European white birch	'Dalecarlica' (cut leaves; weeping form), 'Fastigiata', 'Purpurea'	2-7
<b><i>Celtis occidentalis</i></b>	hackberry, common hackberry	'Chicagoland' (single leader), 'Prairie Pride' (very good form), 'Windy City' (good form)	2-9
<b><i>Juniperus virginiana</i></b>	eastern redcedar	Numerous; 'Glauca', 'Globosa', 'Manhattan Blue' (compact pyramidal), 'Pendula'	2-9
<b><i>Larix decidua</i></b>	European larch	'Fastigiata' (very narrow), 'Pendula'	2-6
<b><i>Picea abies</i></b>	Norway spruce	Numerous; 'Nidiformis' (called "bird's nest spruce"; tight, spreading, shrubby), 'Pendula' (name for cultivars with weeping branchlets)	2-7
<b><i>Picea glauca</i></b>	white or Blackhills spruce	'Conica' or 'Dwarf Alberta' (very small, tight; tiny needles; common in Utah), 'Densata' (also called "Blackhills spruce"; tall, narrow; nice form)	2-6
<b><i>Pinus mugo</i></b>	Mugo pine	'Compacta' (dense, round, 4' tall), 'Gnom' (15" tall by 3' wide), 'Mops' (3' tall by 3' wide), var. mugo (8' tall), var. pumilio (prostrate, 10' wide)	2-8
<b><i>Pinus sylvestris</i></b>	Scotch or Scots pine	'Argentea' (silvery leaves), 'Aurea', 'Fastigiata', 'French Blue' (leaves bluegreen in winter)	2-8
<b><i>Populus deltoides</i></b>	eastern cottonwood	'Platte', 'Noreaster' (both canker resistant), 'Siouxland' (canker susceptible), many hybrids	2-9
<b><i>Quercus macrocarpa</i></b>	bur or mossycup oak	None available	2-8
<b><i>Sorbus americana</i></b>	American mountain-ash	None available	2-7
<b><i>Thuja occidentalis</i></b>	northern white-cedar, eastern arborvitae	Numerous; cold hardy include 'Emerald' and 'Nigra' (narrow pyramidal), 'Techny' (broad pyramidal)	2-8
<b><i>Tilia americana</i></b>	American basswood, American linden	'Fastigiata', 'Lincoln' (slender-upright), 'Redmond' (dense pyramidal crown)	2-9

† = Very rarely should be planted

❖ = Native to Utah

# Hardiness Zone 3 = -40°F to -30°F

Botanical Name	Common Name	Cultivars	Zone
† <i>Acer saccharinum</i>	silver maple	'Blair' (strong branching), 'Laciniatum', 'Silver Queen' (leaves silver beneath), 'Wieri' (drooping branches)	3-9
† <i>Fraxinus excelsior</i>	European ash	'Aurea', 'Globosa' (30' tall), 'Pendula', 'Rancho' (30' tall; yellow fall color)	3-9
† <i>Populus nigra 'Italica'</i>	Lombardy poplar	'Italica' (typical narrow crown), 'Theves' (wider)	3-9
† <i>Populus X canadensis</i>	Carolina poplar	'Eugenei' (columnar), 'Noreaster' (some canker resistance), 'Robusta' (small oval)	3-9
† <i>Sorbus aucuparia</i>	European mountain-ash or rowan	Numerous; 'Asplenifolia' (deeply divided leaves), 'Cardinal Royal' (fast growth, upright)	3-7
† <i>Ulmus pumila</i>	Siberian elm	'Chinkota' (very cold-hardy), 'Pendula'	3-9
❖† <i>Populus tremuloides</i>	quaking or trembling aspen	None available	3-7
❖ <i>Abies concolor</i>	white or concolor fir	'Candicans' (long, blue needles; narrow crown), 'Compacta', 'Violacea' (silver-blue needles)	3-7
❖ <i>Betula occidentalis</i>	water or river birch	None available	3-7
❖ <i>Cercocarpus ledifolius</i>	curlleaf mountain-mahogany	None available	3-8
❖ <i>Juniperus scopulorum</i>	Rocky Mountain Juniper	Numerous; many are blue; 'Pathfinder' (narrow pyramidal), 'Wichita Blue' (tall pyramidal)	3-7
❖ <i>Pinus ponderosa</i>	ponderosa pine	None available	3-7
❖ <i>Populus angustifolia</i>	narrowleaf cottonwood	None available; naturally forms hybrids, such as lanceleaf cottonwood, <i>P. X acuminata</i>	3-9
❖ <i>Populus trichocarpa</i>	black cottonwood	None available	3-8
❖ <i>Ptelea angustifolia</i>	common or western hoptree, wafer-ash	None available	3-9
<i>Acer platanoides</i>	Norway maple	Numerous; 'Columnare', 'Erectum' (narrow), 'Crimson King' (maroon), 'Emerald Queen' (dark green), 'Schwedleri' (starts purple, turns green)	3-8
<i>Acer rubrum</i>	red maple	Numerous; 'Autumn Blaze' (orange-red fall color), 'Autumn Flame' (red fall color, small leaves), 'Columnare', 'Red Sunset' (pyramidal)	3-9
<i>Acer tataricum</i>	Tatarian maple	Rubrum' (deep red fall color)	3-8
<i>Aesculus glabra</i>	Ohio buckeye	var. <i>nana</i> (dwarf, shrubby)	3-7
<i>Aesculus hippocastanum</i>	horsechestnut	'Baumannii' (double white flowers; no fruit)	3-8

<b><i>Aesculus X carnea</i></b>	red horsechestnut	'Briotii' (flowers deeper red in 10" groups) 'O'Neill' (better red flowers in 10"-12" groups)	3-8
<b><i>Alnus glutinosa</i></b>	European or common alder	'Aurea', 'Laciniata', 'Fastigiata' (narrow Lombardy poplar)	3-7
<b><i>Carpinus caroliniana</i></b>	American hornbeam, musclewood	'Pyramidalis' (similar to species)	3-9
<b><i>Cercis canadensis</i></b>	eastern redbud, Judas-tree	var. <i>alba</i> (white flowers), 'Forest Pansy' (purple leaves), 'Silver Cloud' (white variegated leaves)	3-9
<b><i>Chionanthus virginicus</i></b>	fringetree, white fringetree	'Floyd' (upright habit; mostly male, little fruit)	3-9
<b><i>Cornus alternifolia</i></b>	pagoda or alternate-leaf dogwood	'Argentea' (leaves with white variegations; shrubby)	3-7
<b><i>Cornus kousa</i></b>	Kousa dogwood	Numerous; var. <i>chinensis</i> (larger flowers and tree size), 'Dwarf Pink' (small tree; pink flowers), 'Fanfare' (upright form; very cold-hardy)	3-7
<b><i>Cotinus obovatus</i></b>	American smoketree, chittamwood	'Grace' (red leaves; pink flowers), 'Red Leaf'	3-8
<b><i>Crataegus crusgalli</i></b>	cockspur hawthorn	var. <i>inermis</i> (thornless), 'Hooks' (fewer thorns)	3-8
<b><i>Crataegus phaenopyrum</i></b>	Washington hawthorn	'Clark' (heavy fruiting), 'Fastigiata', 'Vaughn' (hybrid with <i>C. crusgalli</i> ; heavy fruiting)	3-8
<b><i>Fagus grandifolia</i></b>	American beech	None available	3-9
<b><i>Fraxinus americana</i></b>	white ash	'Autumn Applause' (tight, oval crown), 'Autumn Purple' (seedless), 'Rosehill' (seedless)	3-9
<b><i>Fraxinus pennsylvanica</i></b>	green ash	'Marshall's Seedless', 'Patmore' (seedless), 'Summit' (upright, pyramidal)	3-9
<b><i>Ginkgo biloba</i></b>	ginkgo, Maidenhair tree	All males; 'Autumn Gold' (good fall color), 'Fastigiata', 'Pendula', 'Santa Cruz' (spreading)	3-9
<b><i>Gleditsia triacanthos</i></b>	honeylocust	All thornless; 'Imperial' (few pods), 'Moraine' (fruitless; very good tree), 'Shademaster' (dark green; few pods), 'Skyline' (good fall color)	3-9
<b><i>Gymnocladus dioicus</i></b>	Kentucky coffeetree	'Variegata' (white variegations on green leaves)	3-8
<b><i>Juglans cinerea</i></b>	butternut	None available	3-7
<b><i>Juniperus chinensis</i></b>	Chinese juniper	Numerous, all forms, sizes, and colors; includes 'Hetzii' (15' tall) and 'Pfitzeriana' (wide shrub)	3-9
<b><i>Magnolia acuminata</i></b>	cucumbertree, cucumber magnolia	'Golden Glow' and 'Yellow Bird' (good yellow flowers); 'Variegata' (yellow leaf blotches)	3-8
<b><i>Magnolia kobus</i></b>	Kobus magnolia	var. <i>borealis</i> (large, pyramidal crown), 'Wada's Memory' (hybrid; large flowers; fast growing)	3-8

<b><i>Magnolia X loebneri</i></b>	Loebner magnolia	'Ballerina' (many petals; fragrant), 'Merrill' (medium height; heavy flowering), 'Spring Snow' (superior cultivar; medium height)	3-8
<b><i>Malus pumila</i></b>	apple	Many choices available	3-9
<b><i>Malus spp.</i></b>	crabapple	Numerous cultivars available	3-9
<b><i>Ostrya virginiana</i></b>	eastern hophornbeam, ironwood	None available	3-9
<b><i>Phellodendron amurense</i></b>	Amur corktree	'Macho' (fruitless; good branching habit), 'Shademaster' (fruitless)	3-8
<b><i>Pinus densiflora</i></b>	Japanese red pine	'Globosa' (round shrub to 10'-15'), 'Oculus-draconis' (yellow banded leaves), 'Pendula', 'Umbraculifera'	3-7
<b><i>Pinus strobus</i></b>	eastern white pine	'Compacta', 'Contorta' (irregular crown; twisted branches), 'Fastigiata', var. <i>glauca</i> , 'Pendula' (weeping crown)	3-8
<b><i>Populus alba</i></b>	white poplar	'Pyramidalis', 'Richardii' (upper leaf surfaces white)	3-9
<b><i>Prunus avium</i></b>	sweet cherry	'Plena' (double white flowers) mazzard	3-8
<b><i>Prunus cerasus</i></b>	sour cherry	var. <i>umbraculifera</i> (compact; round habit), var. <i>persiciflora</i> (pink flowers), many others	3-9
<b><i>Prunus padus</i></b>	European birdcherry, May Day tree	'Abertii' (30' pyramidal), var. <i>commutate</i> (1/2" flowers), 'Summer Glow' (purple leaves)	3-6
<b><i>Pyrus ussuriensis</i></b>	Ussurian pear	'Prairie Gem' (good fall color; glossy leaves)	3-7
<b><i>Quercus alba</i></b>	white oak	None available	3-9
<b><i>Quercus bicolor</i></b>	swamp white oak	None available	3-8
<b><i>Robinia pseudoacacia</i></b>	black locust	'Purple Robe' (medium height; dark pink flowers), 'Pyramidalis' (no spines on twigs)	3-9
<b><i>Robinia X ambigua</i></b>	Idaho flowering locust	'Idaho' (pink flowers; tough)	3-8
<b><i>Sorbus alnifolia</i></b>	Korean mountain-ash	'Redbird' (persistent red fruit), some upright forms	3-7
<b><i>Syringa reticulata</i></b>	Japanese tree lilac	'Chantilly Lace' (leaf edges yellow), 'Ivory Silk' (flowers young, heavy), 'Regent' (vigorous; upright), 'Summer Snow' (heavy flowering)	3-7
<b><i>Tilia cordata</i></b>	littleleaf European linden	'Chancellor' (fastigiate when young, later pyramidal), 'Greenspire' (tough; common; upright), 'Prestige' (fast growing; strong form)	3-7
<b><i>Tilia X euchlora</i></b>	Crimean linden	'Laurelhurst' (broad, pyramidal crown)	3-7

† = Very rarely should be planted

❖ = Native to Utah

# Hardiness Zone 4 = -30°F to -20°F

Botanical Name	Common Name	Cultivars	Zone
† <i>Ailanthus altissima</i>	tree-of-heaven, ailanthus	'Erythrocarpa' (red fruit), 'Metro' (male, fruit; tight crown), 'Pendulifolia' (long leaves hang down)	4-8
† <i>Catalpa speciosa</i>	northern or western catalpa	None available	4-9
† <i>Quercus palustris</i>	pin oak	'Crownright' (upright habit), 'Sovereign' (lower branches do not sweep down)	4-8
† <i>Salix matsudana</i>	Hankow willow (‘Globe Navajo’, etc.)	'Golden Curls' (hybrid; twisting, golden stems), 'Navajo' (round crown; troublesome), 'Pendula'	4-9
❖ <i>Acer grandidentatum</i>	canyon or bigtooth maple	'Autumn Glow' (upright tree form; good fall color)	4-7
❖ <i>Amelanchier utahensis</i>	Utah serviceberry	None available	4-8
❖ <i>Juniperus osteosperma</i>	Utah Juniper	None	4-7
❖ <i>Pinus contorta</i>	lodgepole pine	None available; plant local sources	4-8
❖ <i>Pinus edulis</i>	pinyon, Colorado pinyon	None available	4-8
❖ <i>Pinus flexilis</i>	limber pine	'Columnaris', 'Glauca Pendula', 'Nana', 'Pendula', 'Vandewolf's Pyramid' (upright; fast growth; blue)	4-7
❖ <i>Pseudotsuga menziesii</i>	Douglas-fir	'Fastigiata', 'Fletcheri' (6' dwarf), var. <i>glauca</i> (blue-green needles), 'Pendula'	4-6
❖ <i>Quercus gambelii</i>	Gambel, scrub, or Rocky Mountain white oak	None readily available	4-8
<i>Acer campestre</i>	hedge maple	'Compactum' (shrubby), 'Fastigiatum', 'Queen Elizabeth' (small to medium size)	4-8
<i>Acer griseum</i>	paperbark maple	Some hybrids available	4-8
<i>Acer nigrum</i>	black maple	'Greencolumn' (upright, columnar; often called <i>A. saccharum</i> )	4-8
<i>Acer pseudoplatanus</i>	sycamore maple	'Atropurpureum' (leaves purple underneath), 'Brilliantissimum' (leaves start pink to cream)	4-7
<i>Acer saccharum</i>	sugar maple	Numerous; 'Bonfire' (good red fall color), 'Globosum', 'Green Mountain' (heat tolerant)	4-8
<i>Acer truncatum</i>	purpleblow or Shantung maple	Norway maple hybrids 'Norwegian Sunset' (upright-oval; heat tolerant), 'Pacific Sunset' (upright-spreading; red in fall)	4-8
<i>Amelanchier arborea</i>	downy serviceberry	'Autumn Sunset' (good orange fall color), 'Springtime' (good flowers and fall color; 12' tall)	4-9
<i>Betula nigra</i>	river birch	'Heritage' (attractive bark; superior selection)	4-9

<b><i>Carpinus betulus</i></b>	European hornbeam	'Asplenifolia' (deeply toothed leaves), 'Columnaris', 'Fastigiata' (20'-30' wide), 'Globosa', 'Pendula', 'Purpurea', 'Variegata'	4-8
<b><i>Castanea mollissima</i></b>	Chinese chestnut	Some hybrids available	4-9
<b><i>Cercidiphyllum japonicum</i></b>	katsuratree	'Pendula' (graceful, weeping, blue-green mound)	4-8
<b><i>Chamaecyparis obtusa</i></b>	Hinoki falsecypress	'Crippsii' (broad, yellow-green), 'Filicoides' (shrubby; pendulous twigs), 'Gracilis' (dark green, narrow pyramid), 'Nana' (small shrub)	4-7
<b><i>Cladrastis lutea</i></b>	yellowwood	'Rosea' (pink flowers)	4-7
<b><i>Cornus mas</i></b>	corneliancherry dogwood	'Alba' (white fruit), 'Flava' (yellow fruit), 'Golden Glory' (heavy flowering), 'Nana', 'Variegata'	4-8
<b><i>Corylus americana</i></b>	American hazelnut	None known	4-9
<b><i>Corylus colurna</i></b>	Turkish filbert, Turkish hazel	None available	4-7
<b><i>Corylus cornuta</i></b>	beaked hazelnut	None available	4-8
<b><i>Cotinus coggyria</i></b>	common smoketree, smokebush	'Flame' (good orange-red fall color), 'Royal Purple' (dark purple mature leaves), 'Pendulus'	4-9
<b><i>Crataegus laevigata</i></b>	English hawthorn	'Crimson Cloud' (blight resistant), 'Paul's Scarlet' (red, doubled flowers; very showy)	4-8
<b><i>Crataegus viridis</i></b>	green hawthorn	'Winter King' (vase-shaped; red fruit attractive in winter; excellent tree)	4-8
<b><i>Crataegus X lavalleyi</i></b>	Lavalle hawthorn	Hybrid of <i>C. stipulacea</i> and <i>C. crusgalli</i>	4-8
<b><i>Fagus sylvatica</i></b>	European beech	'Asplenifolia' (cut leaves), 'Pendula', 'Purpurea Tricolor' (purple variegated leaves)	4-7
<b><i>Fraxinus quadrangulata</i></b>	blue ash	'True Blue' (very good for high pH soils, leaves stay dark green)	4-7
<b><i>Juglans nigra</i></b>	black walnut	'Laciniata' (dissected leaflets)	4-9
<b><i>Juglans regia</i></b>	English or Persian walnut	'Carpathian' (very cold hardy), 'Hansen' (good fruit production), 'Laciniata', 'Pendula'	4-8
<b><i>Larix kaempferi</i></b>	Japanese larch	'Blue Rabbit' (narrow pyramidal with blue-green foliage), 'Dervaes' (horizontal branches, drooping branchlets), 'Pendula'	4-7
<b><i>Liriodendron tulipifera</i></b>	yellow-poplar, tuliptree, tulip-poplar	'Compactum' (medium size), 'Fastigiatum' (20' wide), 'Tortuosum' (curled leaves and stems)	4-9
<b><i>Maclura pomifera</i></b>	Osage-orange	var. <i>inermis</i> (thornless)	4-9
<b><i>Magnolia stellata</i></b>	star magnolia	'Centennial' (doubled flowers, pinkish), 'Dawn' (pink stripe on petal), 'Royal Star' (superior)	4-9
<b><i>Magnolia X soulangiana</i></b>	saucer magnolia	'Brozzonii' (large white flowers open late), 'Lennei' (dark purple-pink petals; shrubby), 'San Jose' (large, pink-purple flowers; fast grower)	4-9

<b><i>Metasequoia glyptostroboides</i></b>	Dawn redwood	'National' (narrow pyramidal), 'Sheridan Spire' (upright)	4-8
<b><i>Morus alba</i></b>	white mulberry	'Hampton' (fruitless; wide crown), 'Mapleleaf' (large, maple-like leaves; fruitless), 'Pendula' (weeping, twisted; fruiting), 'Pyramidalis'	4-9
<b><i>Picea omorika</i></b>	Serbian spruce	'Expansa' (wide shrub), 'Nana' (round or conical; 10' high), 'Pendula' (tall, narrow; branches droop)	4-7
<b><i>Pinus bungeana</i></b>	lacebark pine	None available	4-8
<b><i>Pinus nigra</i></b>	Austrian pine	'Hornbrookiana' (very compact dwarf, 6' wide and 2' high), 'Pyramidalis'	4-7
<b><i>Pinus parviflora</i></b>	Japanese white pine	'Bergman' (wide, rounded shrub), 'Glauca' 'Brevifolia' (narrow crown; short needles)	4-7
<b><i>Pistacia vera</i></b>	pistachio	Unknown	4-9
<b><i>Platanus occidentalis</i></b>	American sycamore or planetree	'Howard' (uncommon; new foliage yellow)	4-9
<b><i>Platanus X acerifolia</i></b>	London planetree	'Bloodgood', 'Columbia', 'Liberty' (all anthracnose resistant)	4-9
<b><i>Prunus armeniaca</i></b>	apricot	'Manchurian' (20' tall; round crown; pink flowers), many others available	4-9
<b><i>Prunus domestica</i></b>	common plum	Numerous	4-9
<b><i>Prunus sargentii</i></b>	Sargent cherry	'Columnaris', 'Rancho' (very narrow crown), also many hybrids	4-7
<b><i>Prunus subhirtella</i></b>	Higan cherry	var. <i>pendula</i> , var. <i>autumnalis</i> (double flowers), 'Yae-shidare-higan' (weeping; double flowers)	4-9
<b><i>Pyrus communis</i></b>	common pear	Rarely planted as an ornamental	4-9
<b><i>Quercus imbricaria</i></b>	shingle or laurel oak	None available	4-8
<b><i>Quercus muehlenbergii</i></b>	chinkapin oak	None available	4-7
<b><i>Quercus robur</i></b>	English oak	'Atropurpurea', 'Fastigiata' (upright, narrow), 'Pendula', 'Westminster Globe' (large, round)	4-8
<b><i>Quercus rubra</i></b>	northern red oak	'Aurea' (new leaves yellow, becoming green)	4-8
<b><i>Salix fragilis</i></b>	Crack willow	Unknown	4-9
<b><i>Salix nigra</i></b>	black willow	None known	4-9
<b><i>Sophora japonica</i></b>	Japanese pagodatree, scholar-tree	'Columnaris', 'Fastigiata', 'Pendula' (rarely flowers), 'Regent' (fast growth), 'Variegata'	4-8
<b><i>Taxodium distichum</i></b>	baldcypress	'Monarch of Illinois' (wide, large crown), 'Pendens' (pyramidal; branchlets droop), 'Shawnee Brave' (narrow crown)	4-9
<b><i>Tilia tomentosa</i></b>	silver linden	'Fastigiata' ('Erecta'), 'Green Mountain' (rapid growing; tough), 'Sterling' (wide, pyramidal)	4-7
<b><i>Ulmus parvifolia</i></b>	lacebark or Chinese elm	'Emerald Isle' (broad crown; good bark), 'Emerald Vase' (upright-spreading crown)	4-9

† = Very rarely should be planted

❖ = Native to Utah

# Hardiness Zone 5 = -20°F to -10°F

Botanical Name	Common Name	Cultivars	Zone
† <i>Salix babylonica</i>	weeping willow	'Crispa' (spiral leaves)	5-8
† <i>Tamarix ramosissima</i>	tamarisk, salt-cedar	None available	5-8
❖ <i>Celtis reticulata</i>	netleaf hackberry	None available	5-9
❖ <i>Cowania mexicana</i>	cliffrose, quininebush	None available	5-9
❖ <i>Pinus aristata</i> ( <i>longaeva</i> )	bristlecone pine	None available	5-7
❖ <i>Pinus monophylla</i>	singleleaf pinyon	None available	5-9
❖ <i>Populus fremontii</i>	Fremont cottonwood	None available	5-9
❖ <i>Sambucus cerulea</i>	blue elder	None available	5-9
<i>Acer buergeranum</i>	trident maple	Dwarf and variegated cultivars available	5-9
<i>Acer palmatum</i>	Japanese maple	Numerous; var. <i>atropurpureum</i> and 'Bloodgood' 'Crimson Queen' (red, deeply lobed leaves), 'Viridis' (green leaves)(reddish- purple leaves),	5-8
<i>Calocedrus (Libocedrus)</i> <i>decurrens</i>	incense- cedar	'Aureo-Variegata' (yellow-variegated), some columnar forms available	5-8
<i>Catalpa bignonioides</i>	southern catalpa	'Aurea', 'Nana' (see below)	5-9
<i>Catalpa bignonioides</i> 'Nana'	umbrella catalpa	'Nana' (sterile, grafted dwarf)	5-9
<i>Cedrus libani</i>	cedar of Lebanon	'Argentea' (silver-blue), var. <i>brevifolia</i> (smaller than species), 'Pendula', 'Sargentii' (5' dwarf), var. <i>stenocoma</i> (more cold hardy; stiff)	5-7
<i>Cornus florida</i>	flowering dogwood	Numerous; 'Cherokee Chief' (red flowers), 'Cloud 9' (cold-hardy), var. <i>rubra</i> (pink-red flowers), 'World's Fair' (cold hardy; drought resistant)	5-9
<i>Ilex opaca</i>	American holly	'Amy' (large leaves; abundant fruit), 'Goldie' (yellow fruit), 'Wyetta' (pyramidal)	5-9
<i>Koelreuteria paniculata</i>	goldenraintree	'Fastigiata', 'September' (flowers late summer; not as cold-hardy as others)	5-9
<i>Laburnum X watereri</i>	goldenchain tree, Waterer laburnum	'Alford's Weeping', 'Aureum' (golden yellow leaves), 'Pendulum', 'Vossii' (dense crown; 2' long inflorescences)	5-7
<i>Liquidambar styraciflua</i>	sweetgum, American sweetgum	'Burgundy' (deep red fall color), 'Festival'(narrower crown; yellow to pink fall color), 'Rotundiloba' (fruitless; rounded leaf lobes)	5-9
<i>Morus rubra</i>	red mulberry	None available	5-9
<i>Pinus monticola</i>	western white pine	None available	5-8
<i>Pinus strobiformis</i>	southwestern white pine	None available; plant cold-hardy sources	5-9
<i>Pinus thunbergii</i>	Japanese black pine	'Compacta', 'Globosa', 'Iseli' (gold variegated; small), 'Majestic Beauty' (large tree; dark green)	5-9

<i>Pinus wallichiana</i>	Yimalayan or Bhutan pine	'Oculus-draconis' (leaves with cream-colored bands)	5-7
<i>Prunus cerasifera</i>	purpleleaf, cherry, or Myrobalan plum	'Newport' (dark purple leaves; more cold hardy), 'Thundercloud' (less cold hardy; pink flowers)	5-8
<i>Prunus persica</i>	peach	Numerous; 'Alba Plena' (double white flowers), 'Early Double Red, Pink, or White' (early blooming), 'Royal Red Leaf' (red-purple leaves)	5-9
<i>Prunus serrulata</i>	Japanese flowering or Oriental cherry	'Amanogawa' (narrow upright form), 'Kwanzan' (double flowers; often grafted at 4'-6')	5-9
<i>Prunus X yedoensis</i>	Yoshino cherry	'Afterglow' (pink flowers; 25'x25'), 'Ivensii' (white flowers; weeping)	5-8
<i>Pyrus calleryana</i>	Callery pear	'Aristocrat' (better branch attachment), 'Bradford' (poor branch attachment), 'Chanticleer' (narrower crown, more cold hardy), 'Redspire' (pyramidal)	5-9
<i>Quercus acutissima</i>	sawtooth oak	'Gobbler' (abundant acorns)	5-9
<i>Quercus cerris</i>	turkey oak	'Argenteo-variegata' (white blotches on leaf edges)	5-7
<i>Quercus shumardii</i>	Shumard oak	None available	5-9
<i>Thuja plicata</i>	western redcedar	'Canadian Gold' (gold leaves), 'Fastigiata', 'Zebrina' (yellow variegated foliage; gets 60' tall)	5-7
<i>Zelkova serrata</i>	Japanese zelkova	'Autumn Glow' (purple fall color), 'Green Vase' (vase-shaped; orange fall color; fast growth), 'Variegata', 'Village Green' (good growth rate)	5-8

† = Very rarely should be planted

❖ = Native to Utah

## Hardiness Zone 6 = -10°F to 0°F

Botanical Name	Common Name	Cultivars	Zone
❖ <i>Fraxinus anomala</i>	single leaf ash or dwarf ash	None available	6-9
❖ <i>Ostrya knowltonii</i>	Knowlton hophornbeam	None available	6-9
❖ <i>Robinia neomexicana</i>	New Mexico locust	None available	6-9
❖ <i>Yucca brevifolia</i>	Joshua-tree	None available	6-9
<i>Albizia julibrissin</i>	mimosa, silk-tree, albizia	'E.H. Wilson' and 'Rosea' (hardy to -15°F)	6-9
<i>Cedrus atlantica</i>	Atlas Cedar	'Argentea' (silver-blue), 'Aurea' (yellowish), 'Fastigiata', 'Glauca', 'Glauca Pendula'	6-9
<i>Magnolia grandiflora</i>	southern magnolia	Numerous; 'Bracken's Brown Beauty' (good, dense crown) 'Majestic Beauty' (large leaves)	6-9
<i>Pistacia chinensis</i>	Chinese pistache	'Keith Davey' (male; no fruit)	6-9
<i>Sequoiadendron giganteum</i>	giant sequoia	'Pendulum' (main stem curves and twists)	6-8

<i>Thuja (Platyclusus) orientalis</i>	Oriental arborvitae	Numerous; 'Aurea Nana' (5'; round), 'Baker' (bright green; likes heat), 'Compacta' (small, pyramidal)	6-9
<i>Zizyphus jujuba</i>	Chinese date	'Lang' (fruits young), 'Li' (2" fruits)	6-9

† = Very rarely should be planted

❖ = Native to Utah

## Hardiness Zone 7 = 0°F to 10°F

Botanical Name	Common Name	Cultivars	Zone
❖ <i>Cercis occidentalis</i>	California or western redbud	None known	7-9
❖ <i>Fraxinus velutina</i>	velvet or Modesto ash	'Modesto' (glabrous leaves)	7-9
❖ <i>Prosopis juliflora</i>	honey mesquite	None available	7-10
❖ <i>Quercus turbinella</i>	shrub live oak	None available	7-9
❖ <i>Quercus undulata</i>	wavyleaf oak	None available	7-9
<i>Aesculus californica</i>	California buckeye	None available	7-8
<i>Cedrus deodara</i>	Deodar cedar	'Kashmir' (cold hardy to -5°F), 'Shalimar' (cold hardy to -15°F; good blue-green color)	7-9
<i>Cupressus arizonica</i>	Arizona cypress	'Gareei' (silver-blue), 'Pyramidalis' (narrow, conical; blue foliage)	7-9
<i>Cupressus sempervirens</i>	Italian cypress	'Glauca' (blue-green; columnar), 'Roylei' (bright green; stiff-upright), 'Stricta' (narrow, columnar; green), 'Swane's Gold' (yellow-green; narrow)	7-9
<i>Juglans major</i>	Arizona walnut	None available	7-9
<i>Lagerstroemia indica</i>	crapemyrtle	Numerous; 'Acoma' (white flowers; semi-dwarf), 'Hopi' (pink flowers; semi-dwarf), 'Yuma' (lavender flowers; taller, upright)	7-9

† = Very rarely should be planted

❖ = Native to Utah

## Hardiness Zone 8 = 10°F to 20°F

Botanical Name	Common Name	Cultivars	Zone
† <i>Melia azedarach</i>	Chinaberry	'Umbraculiformis' (domed shape; multi-stemmed; called "Texas Umbrellatree")	8-10
❖ <i>Chilopsis linearis</i>	desert willow	None available	8-10
<i>Eriobotrya japonica</i>	loquat	'Golden Nugget' (large; abundant fruit), 'Variegata' (white variegations)	8-10
<i>Pinus halepensis</i>	Aleppo pine	None available	8-10

† = Very rarely should be planted

❖ = Native to Utah