

WATER WISE PLANTS FOR UTAH LANDSCAPES

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Bigtooth Maple (*Acer grandidentatum*)

In order to better market the water wise plants available in many Utah nurseries and garden centers, and to assist consumers in identifying these plants, a program to recognize desirable low water use species has been developed. Representatives from Utah State University Extension, Utah State University Center for Water Efficient Landscaping, the Utah Nursery and Landscape Association, Utah Division of Water Resources, Utah Botanical Center, Jordan Valley Water Conservancy District, Red Butte Gardens, U.S. Bureau of Reclamation, Salt Lake City Corporation, Sandy City, and the Utah Native Plant Society have worked together to organize a water wise list of ornamental trees, shrubs, herbaceous perennials, ornamental grasses, and ground covers. The plants on the list are (1) water conserving, (2) adapted to Utah's arid climate and cold winters, (3) available in the industry, (4) relatively easy to maintain in the landscape and (5) have desirable landscape characteristics which remain desirable under limited

water availability. The water wise designation suggests that, on average, the plants only need to be watered approximately once every two weeks after establishment and will still retain their aesthetic characteristics. More specific information on cultural requirements such as growth characteristics, USDA hardiness zones, soil preference, etc., can be found at

www.waterwiseplants.utah.gov

DECIDUOUS TREES

<i>Acer grandidentatum</i>	Bigtooth Maple	<i>Crataegus douglasii</i>	Black Hawthorne
<i>Acer tataricum</i>	Tatarian Maple	<i>Fraxinus anomala</i>	Single-leaf Ash
<i>Acer truncatum</i>	Shantung Maple	<i>Ginkgo biloba</i>	Ginkgo
<i>Amelanchier</i> species	Serviceberry	<i>Gymnocladus dioicus</i>	Kentucky Coffeetree
<i>Catalpa speciosa</i>	Western Catalpa	<i>Koelreuteria paniculata</i>	Golden Raintree
<i>Celtis occidentalis</i>	Common Hackberry	<i>Maclura pomifera</i>	
<i>Chilopsis linearis</i>	Desert Willow	(select cultivars)	Osage-Orange
<i>Corylus colurna</i>	Turkish Filbert	<i>Parrotia persica</i>	Persian Ironwood
<i>Cotinus obovatus</i>	American Smokebush	<i>Platanus x acerifolia</i>	London Planetree

<i>Ptelea trifoliata</i>	Hop Tree	<i>Syringa reticulata</i>	Tree Lilac
<i>Quercus gambelii</i>	Gambel Oak	<i>Ulmus parvifolia</i>	Lacebark/Chinese Elm
<i>Quercus macrocarpa</i>	Bur Oak	<i>Zelkova serrata</i>	Zelkova
<i>Robinia neomexicana</i>	New Mexico Locust		
<i>Sophora japonica</i>	Japanese Pagodatree		

EVERGREEN TREES

<i>Abies concolor</i>	White Fir	<i>Juniperus scopulorum</i>	Rocky Mountain Juniper
<i>Calocedrus decurrens</i>	Incense-cedar	<i>Picea abies</i>	Norway Spruce
<i>Cedrus atlantica glauca</i>	Blue Atlas Cedar	<i>Picea pungens</i>	Colorado Spruce
<i>Cedrus libani</i>	Cedar of Lebanon	<i>Pinus species</i>	Pine species
<i>Cupressus arizonica</i>	Arizona Cypress	<i>Pseudotsuga menziesii</i>	Douglas-fir
<i>Juniperus osteosperma</i>	Utah Juniper		

SHRUBS (Full Sun)

<i>Amelanchier species</i>	Serviceberry	<i>Juniperus species</i>	Juniper
<i>Amorpha canescens</i>	Lead plant	<i>Kolkwitzia amabilis</i>	Beauty Bush
<i>Amorpha nana</i>	Dwarf Lead Plant	<i>Mahonia fremontii</i>	Utah Holly
<i>Artemisia species</i>	Sagebrush	<i>Peraphyllum ramosissimum</i>	Squaw Apple
<i>Atriplex confertifolia</i>	Shadscale	<i>Philadelphus species</i>	Mock Orange
<i>Buddleia davidii</i>	Butterfly Bush	<i>Physocarpus species</i>	Ninebark
<i>Caragana species</i>	Siberian Peashrub	<i>Pinus mugo</i>	Mugo Pine
<i>Caryopteris x clandonensis</i>	Blue Mist Spirea	<i>Potentilla fruticosa</i>	Potentilla
<i>Ceratoides lanata</i>	Winterfat	<i>Prunus besseyi</i>	Western Sand Cherry
<i>Cercocarpus species</i>	Mountain-mahogany	<i>Prunus x cistena</i>	Purple-leaf Sand Cherry
<i>Chamaebatiaria millefolium</i>	Fernbush	<i>Prunus virginiana</i>	Common Chokecherry
<i>Chrysothamnus nauseosus</i>	Rabbitbrush	<i>Quercus turbinella</i>	Shrub Live Oak
<i>Cotinus coggygria</i>	Smokebush	<i>Rhus species</i>	Sumac
<i>Cotoneaster species</i>	Cotoneaster	<i>Rosa woodsii</i>	Woods Rose
<i>Cowania mexicana</i>	Cliffrose	<i>Salvia dorrii</i>	Dorr Sage
<i>Cytisus scoparius</i>	Scotch Broom	<i>Shepherdia argentea</i>	Silver Buffaloberry
<i>Ephedra viridis</i>	Green Mormon Tea	<i>Sorbaria sorbifolia</i>	False Spirea
<i>Fallugia paradoxa</i>	Apache Plume	<i>Syringa vulgaris</i>	Lilac
<i>Forestiera neomexicana</i>	New Mexico Privet	<i>Viburnum lantana</i>	Wayfaring Tree
<i>Genista species</i>	Spanish Broom		

SHRUBS (Shade)

<i>Holodiscus dumosus</i>	Mountain Spray	<i>Symphoricarpos species</i>	Snowberry
<i>Kerria japonica</i>	Japanese Kerria	<i>Viburnum rhytidophyllum</i>	Leather-leaf Viburnum
<i>Mahonia aquifolium</i>	Oregon-grape	<i>Viburnum x rhytidophylloides</i>	Blackhaw

PERENNIALS (FULL SUN)

<i>Achillea species</i>	Yarrow	<i>Aurinia saxatilis</i>	Bask
<i>Aethionema schistosum</i>	Stonecress	et-of-Gold	
<i>Agastache species except foeniculum</i>	Hyssop/Agastache	<i>Baileya multiradiata</i>	Desert Marigold
<i>Allium species</i>	Ornamental Allium		
<i>Amsonia tabernaemontana</i>	Blue Star		
<i>Anacyclus depressus</i>	Mount Atlas Daisy		
<i>Anaphalis margaritacea</i>	Pearly Everlasting		
<i>Antennaria species</i>	Pussy Toes		
<i>Arabis caucasica</i>	Rock Cress		
<i>Armeria maritime</i>	Sea Pinks/Thrift		
<i>Asclepias tuberosa</i>	Butterfly Weed		
<i>Aster species</i>	Aster		
<i>Astragalus utahensis</i>	Utah Lady Finger		
<i>Aubrieta deltoidea</i>	Aubrieta		



Hyssop/Agastache (*Agastache cana*)

<i>Ballota pseudodictamnus</i>	Horehound	<i>Liatris spicata</i>	Liatris/Gayfeather
<i>Berlandiera lyrata</i>	Chocolate Flower	<i>Limonium latifolium</i>	Sea Lavender
<i>Brodiaea</i> species	Brodiaea	<i>Linum</i> species	Flax
<i>Callirhoe involucrata</i>	Poppy Mallow/Wine Cups	<i>Melampodium leucanthum</i>	Blackfoot Daisy
<i>Calylophus</i> species	Sundrops	<i>Mirabilis multiflora</i>	Desert Four O'Clock
<i>Catananche caerulea</i>	Cupid's Dart	<i>Narcissus</i> species	Daffodils/Narcissus
<i>Centranthus ruber</i>	Jupiter's Beard/Red Valerian	<i>Nepeta x faassenii</i>	Catmint
<i>Colchicum autumnale</i>	Autumn Crocus	<i>Oenothera macrocarpa, pallida,</i> and <i>caespitosa</i>	Evening Primrose
<i>Coreopsis verticillata</i>	Thread-leaf Coreopsis	<i>Origanum</i> species	Oregano
<i>Crocus</i> species	Crocus	<i>Papaver orientale</i>	Oriental Poppy
<i>Delosperma</i> species	Ice Plant	<i>Penstemon</i> species	Penstemon
<i>Dianthus x allwoodii,</i> <i>deltoides,</i> <i>gratianopolitanus,</i> and <i>plumaris</i>	Dianthus/Pinks	<i>Perovskia atriplicifolia</i>	Russian Sage
<i>Diascia integerrima</i>	Twinspurs	<i>Phlomis</i> species	Jerusalem Sage
<i>Dictamnus albus</i>	Gas Plant	<i>Potentilla</i> species	Cinquefoil
<i>Echinops ritro</i>	Globe Thistle	<i>Psilostrophe tagetina</i>	Paper Flower
<i>Erigeron</i> species	Fleabane	<i>Pulsatilla vulgaris</i>	Pasque Flower
<i>Eriogonum</i> species	Buckwheat	<i>Ratibida columnifera</i>	Mexican Hat
<i>Erygium amethystinum</i>	Sea Holly	<i>Salvia</i> species	Sage/Salvia
<i>Gaillardia</i> species	Blanket Flower	<i>Santolina</i> species	Santolina/Lavender Cotton
<i>Gaura lindheimeri</i>	Gaura	<i>Scabiosa caucasica</i>	Pincushion Flower
<i>Gypsophila paniculata</i>	Baby's Breath	<i>Sedum</i> species	Sedum/Stonecrop
<i>Helenium hoopesii</i>	Helen's Flower/Sneezeweed	<i>Sempervivum tectorum</i>	Hens and Chicks
<i>Helianthemum nummularium</i>	Sunrose	<i>Sphaeralcea</i> species	Globemallow
<i>Hemerocallis x hybrids</i>	Daylilies	<i>Teucrium chamaedrys</i>	Germander
<i>Hesperaloe parviflora</i>	Red Yucca	<i>Thymus</i> species	Thyme
<i>Hymenoxys aucalis</i>	Hymenoxys/Perky Sue	<i>Tithonia rotundifolia</i>	Mexican Sunflower
<i>Iberis sempervirens</i>	Candytuft	<i>Tulipa</i> species	Tulips
<i>Iris</i> , Bearded hybrids	Bearded Iris	<i>Veronica</i> spicata	Spike Speedwell
<i>Kniphofia uvaria</i>	Red Hot Poker	<i>Viguiera multiflora</i>	Showy Goldeneye
<i>Lavandula angustifolia</i>	Lavender	<i>Yucca filamentosa</i>	Yucca/Adam's Needle
<i>Leucosium aestivum</i>	Snowflake	<i>Zauschneria</i> species	Zauschneria/Hum- mingbird Flower
		<i>Zinnia grandiflora</i>	Desert Zinnia
		<i>Zizophora clinopodioides</i>	Blue Mint Bush

PERENNIALS (Shade)

<i>Aquilegia</i> species	Columbine	<i>Geranium endressii, sanguineum,</i> and <i>viscosissimum</i>	Geranium/Cranesbill
<i>Bergenia cordifolia</i>	Bergenia	<i>Heuchera</i> species	Coral Bells
<i>Corydalis lutea</i>	Yellow Corydalis	<i>Smilacina racemosa</i>	False Solomon Seal
<i>Epimedium</i> species	Barrenwort/ Epimedium		

ORNAMENTAL GRASSES (Full Sun)

<i>Andropogon gerardii</i>	Big Bluestem	<i>Helictotrichon</i> <i>sempervirens</i>	Blue Oat Grass
<i>Aristida purpurea</i>	Threeawn Grass	<i>Miscanthus sinensis</i>	Maiden Grass
<i>Bouteloua curtipendula</i>	Side Oats Grama Grass	<i>Oryzopsis hymenoides</i>	Indian Rice Grass
<i>Bouteloua gracilis</i>	Blue Grama Grass	<i>Panicum virgatum</i>	Switch Grass
<i>Calamagrostis acutiflora</i>	Feather Reed Grass	<i>Schizachyrium scoparium</i>	Little Bluestem
<i>Elymus cinereus</i>	Great Basin Wildrye	<i>Sorghastrum nutans</i>	Indian Grass
<i>Erianthus ravennae</i>	Ravenna Grass	<i>Stipa comata</i>	Needle and Thread grass
<i>Festuca ovina glauca</i>	Blue Fescue	<i>Stipa tenuissima</i>	Mexican Grass

ORNAMENTAL GRASSES (Shade)

<i>Dechampsia caespitosa</i>	Tufted Hair Grass	<i>Molina caerulea</i>	Purple Moor Grass
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GROUNDCOVERS

<i>Antennaria</i> species	Pussy Toes	<i>Mahonia repens</i>	Creeping Mahonia
<i>Arctostaphylos uva-ursi</i>	Kinnikinnick	<i>Phlox subulata</i>	Creeping Phlox
<i>Buchloe dactyloides</i>	Buffalograss	<i>Sedum</i> species	Sedum
<i>Cerastium tomentosum</i>	Snow-in-Summer	<i>Stachys byzantina</i>	Lamb's Ear
<i>Helianthemum nummularium</i>	Sun Rose	<i>Teucrium chamaedrys</i>	Germander
<i>Hypericum calycinum/reptans</i>	St. Johnswort	<i>Thymus</i> species	Thyme
<i>Juniperus horizontalis</i>	Horizontal Juniper	<i>Veronica liwanensis</i>	Turkish Veronica
		<i>Veronica rupestris/prostata</i>	Creeping Veronica

VINES

<i>Campsis radicans</i>	Trumpet Vine	<i>Polygonum aubertii</i>	Silverlace Vine
<i>Clematis tangutica</i>	Clematis	<i>Wisteria</i> species	Wisteria



Desert Marigold (*Baileya multiradiata*)



Blue Grama Grass (*Bouteloua gracilis*)

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