

# *Low Water Use Drought Tolerant Plant List*

*Official Regulatory List for the Arizona Department  
of Water Resources, Prescott Active Management Area*



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*Photo - Jim Morgan*

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# **LOW WATER USE DROUGHT TOLERANT PLANT LIST**

## **OFFICIAL REGULATORY LIST FOR THE ARIZONA DEPARTMENT OF WATER RESOURCES PRESCOTT ACTIVE MANAGEMENT AREA**

This is an official regulatory list that was developed to guide the regulated community in choosing low water use and drought tolerant landscaping plants. Within the Prescott AMA, all plants irrigated with groundwater within any publicly owned right-of-way of a highway, street, road, sidewalk, curb or shoulder which is used for travel in any ordinary mode, including pedestrian travel, may be used only if the plants are listed on the ADWR Low Water Use Plant List (or any subsequent modifications to the list) for the Prescott AMA. Per the Third Management Plan, the director may waive this requirement under special circumstances. This requirement does not apply to any portion of a residential lot that extends into a publicly owned right-of-way.

This list can also be used as a resource for residents and businesses that are interested in conserving water through low-water-use landscaping. These plants can be grown in the Prescott area with no-to-moderate supplemental irrigation once the plant is established. All plants listed can grow with less water than traditional high water use landscape plants and do not require more than the Prescott AMA criteria for low water use plants: a maximum of 12 inches of supplemental irrigation on an annual basis, not including rainfall.

Individuals wishing to add or delete plants from the list may submit an application for modification to the Prescott AMA office for consideration. The list will be amended as appropriate. The list and application may be downloaded from the ADWR website at [www.azwater.gov](http://www.azwater.gov).

An advisory committee reviews all applications for modification and submits recommendations to the AMA Director for final consideration.

The Prescott AMA extends its gratitude to the following members of the Plant List Advisory Committee for their generous contribution of time and expertise:

Dusty Eiker, Mountain West Landscape Resources  
Charlie Hildebrant, Mountain Path Landscaping  
Steve Morgan, T. Barnabas Kane & Associates  
Jeff Schalau, University of Arizona – Yavapai County Cooperative Extension  
Nichole Trushell, Highlands Center for Natural History  
Harold Watters, Watters Design & Garden Center

Cover Photo: Special thanks to Jim Morgan of Wings of Nature, Wildlife Photography and Recordings, for the use of his photo: Mexican cliff rose, *Cowania mexicana stansburiana*

## DEFINITIONS AND KEY TO SYMBOLS

### Water Use

The amount of supplemental irrigation that may be needed on an annual basis under normal precipitation conditions once the plant is established. During an abnormally dry year, it may be necessary to increase irrigation to achieve average annual precipitation in addition to the suggested supplemental irrigation.

- 1 = 0 – 4 inches
- 2 = 5 – 8 inches
- 3 = 9 – 12 inches

Note: 0.62 gallons of water is equivalent to one inch of precipitation on one square foot of soil.

### Botanical Name

International binomial system in which the first name represents genus, and the second, species. Additional words may be added to the name to describe further subdivisions.

### Common Name

The non-scientific name by which a species of plant is known.

### Local Zone

Area(s) within the Prescott AMA where the plant will usually succeed and where it should not require more water than the amount of supplemental irrigation indicated under Water Use:

- G = Grassland – 4,400' – 5,000' (average annual rainfall 10 – 14 inches)
- T = Transition – Pinyon Juniper/Chaparral/Oak Woodland – 4,400' – 6,000' (average annual rainfall 12 – 16 inches)
- P = Ponderosa/Montane – 5,500' – 7,800' (average annual rainfall 16 – 20 inches)

### Spreads in Cultivated Areas

Plant may aggressively spread by seed, sucker or other method in prepared, irrigated areas. Invasive species have been purposely left off this list.

### Seasonal Color

The season(s) in which the plant shows color in the form of blooms or foliage.

Details regarding bloom and foliage color are included in the Comments column.

- W = Winter
- SP = Spring
- SU = Summer
- F = Fall

### Evergreen or Deciduous

- E = Evergreen – has foliage that persists and remains green throughout the year
- D = Deciduous – loses foliage at the end of the growing season
- S = Semi-deciduous – partially loses foliage at the end of the growing season
- SC = Succulent – has thick, fleshy, water-storing leaves or stems

### Origin

Area or country to which the plant is native

- |                      |                      |                      |
|----------------------|----------------------|----------------------|
| N = North            | S = South            | E = East             |
| W = West             | C = Central          | MW = Midwest         |
| CA = California      | Mtn = Mountain       | U.S. = United States |
| N Am = North America | S Am = South America | Mex = Mexico         |
| Med = Mediterranean  |                      |                      |

### Comments

Includes notable information about the plant

Water Use	Botanical Name	Common Name	Local Zone	Spreads in Cultivated Areas	Seasonal Color	Evergreen or Deciduous	Origin	Comments
<b>TREES: Perennial woody plants having a main trunk and usually a distinct crown</b>								
2	<i>Albizia julibrissin</i>	Silk Tree, Mimosa	G,T	No	SU	D	Asia	Pink flower clusters
2	<i>Calocedrus decurrens</i>	Incense Cedar	G,T,P	No		E	W U.S.	
2	<i>Cedrus atlantica</i>	Atlas Cedar	G,T,P	No		E	Middle East	
2	<i>Cedrus deodara</i>	Deodar Cedar	G,T,P	No		E	Asia	
2	<i>Celtis occidentalis</i>	Common Hackberry	G,T,P	No	F	D	E U.S.	Gold foliage in Fall
1	<i>Celtis reticulata</i>	Western Hackberry	G,T,P	No	F	D	W U.S.	Gold foliage in Fall
3	<i>Cercis canadensis</i> 'Oklahoma'	Oklahoma Redbud	T,P	No	SP	D	MW U.S.	Intense fuchsia blooms, waxy green leaves
1	<i>Chilopsis linearis</i>	Desert Willow	G	No	SP/SU	D	SW U.S.	White to pink blooms
2	<i>Chitalpa tashkentensis</i>	Chitalpa	G,T	No	SP/SU	D	Hybrid	Pink blooms, Chilopsis/Catalpa cross
3	<i>Cotinus coggygria</i>	Purple Smoke Tree	G,T,P	No	SU/F	D	Eurasia	Purple foliage, red to orange in Fall, smoke-like flowers
3	<i>Crataegus laevigata</i>	English Hawthorn	G,T,P	No	SP/F	D	Med	White to pink blooms in Spring, yellow foliage in Fall
3	<i>Crataegus coccinea</i>	Scarlet Hawthorn	G,T,P	No	SP/F	D	MW U.S.	Rosy pink blooms in Spring, yellow foliage in Fall
2	<i>Cupressus arizonica</i>	Arizona Cypress	G,T	No		E	SW U.S.	
3	<i>Fraxinus velutina</i>	Arizona Ash	G,T	No	F	D	SW U.S.	Gold foliage in Fall, F. v. Modesto is a popular variety
3	<i>Gleditsia triacanthos inermis</i>	Thornless Honey Locust	G,T,P	No	F	D	MW U.S.	Yellow foliage in Fall, colored leafed varieties available
2	<i>Juglans major</i>	Arizona Walnut	G,T,P	No	F	D	SW U.S.	Yellow foliage in Fall
1	<i>Juniperus deppeana</i>	Alligator Juniper	G,T,P	No		E	SW U.S.	
1	<i>Juniperus monosperma</i>	One-seed Juniper	G,T,P	No		E	SW U.S.	
1	<i>Juniperus osteosperma</i>	Utah Juniper	G,T,P	No		E	SW U.S.	
1	<i>Juniperus scopulorum</i>	Rocky Mountain Juniper	G,T,P	No		E	W U.S.	
2	<i>Juniperus virginiana</i> 'Cupressifolia'	Hillspire Juniper	G,T,P	No		E	E U.S.	

Water Use	Botanical Name	Common Name	Local Zone	Spreads in Cultivated Areas	Seasonal Color	Evergreen or Deciduous	Origin	Comments
<b>TREES (continued):</b>								
3	<i>Koelreuteria paniculata</i>	Goldenrain Tree	G,T,P	No	SP/F	D	Asia	Bright yellow blooms in Spring, gold foliage and reddish seed pods in Fall
3	<i>Malus</i> spp.	Flowering Crabapple	G,T,P	No	SP/F	D	N Hemisphere	Intense white to red blooms in Spring, colorful foliage in Fall
2	<i>Picea densata</i>	Black Hills Spruce	G,T,P	No		E	N U.S.	
2	<i>Pinus aristata</i>	Bristlecone Pine	T,P	No		E	W U.S.	
2	<i>Pinus edulis</i>	Pinyon Pine	G,T,P	No		E	SW U.S.	
2	<i>Pinus heldreichii</i>	Bosnian Pine	G,T,P	No		E	Europe	
2	<i>Pinus monophyla</i>	Singleleaf Pinyon Pine	G,T,P	No		E	SW U.S.	
3	<i>Pinus nigra</i>	Austrian Pine	G,T,P	No		E	Europe	
2	<i>Pinus ponderosa</i>	Ponderosa Pine	T,P	No		E	W U.S.	
2	<i>Pinus sylvestris</i>	Scotch or Scots Pine	G,T,P	No		E	Europe	
2	<i>Pistacia chinensis</i>	Chinese Pistache	G,T	No	F	D	China	Orange to red foliage
2	<i>Prunus emarginata</i>	Bitter Cherry	G,T,P	No	SP	D	W U.S.	White blooms
3	<i>Prunus padus</i>	Mayday Tree	G,T,P	No	SP	D	Eurasia	White blooms
3	<i>Prunus serotina</i>	Black Cherry	G,T,P	No	SP	D	MW, E U.S.	White blooms
2	<i>Prunus virginiana demissa</i>	Western Chokecherry	G,T,P	No	SP	D	W U.S.	White blooms
1	<i>Quercus arizonica</i>	Arizona White Oak	T,P	No		D	SW U.S.	Leaves drop May/June, refoliate early Summer
2	<i>Quercus buckleyi</i>	Texas Red Oak	G,T,P	No	F	D	S U.S.	Red foliage
1	<i>Quercus emoryi</i>	Emory Oak	T,P	No		D	SW U.S.	Leaves drop May/June, refoliate early Summer
1	<i>Quercus gambelii</i>	Gambel Oak	P	No		D	SW U.S.	
3	<i>Quercus lobata</i>	California White Oak	G,T	No		D	CA	
3	<i>Quercus macrocarpa</i>	Bur Oak	T,P	No	F	D	N Am	Yellow and brown foliage

Water Use	Botanical Name	Common Name	Local Zone	Spreads in Cultivated Areas	Seasonal Color	Evergreen or Deciduous	Origin	Comments
<b>TREES (continued):</b>								
2	<i>Quercus virginiana</i>	Southern Live Oak	G,T,P	No		E	SE U.S.	Heritage is a good cultivar.
2	<i>Rhus typhina</i>	Staghorn Sumac	G,T,P	Yes	F	D	N Am	Red to orange foliage
2	<i>Robinia ambigua</i>	Locust	G,T,P	No	SP	D	Hybrid	Pink to purple blooms, some cultivars subject to breakage
2	<i>Robinia pseudoacacia</i>	Black Locust	G,T,P	No	SP	D	E, C U.S.	White blooms
2	<i>Sophora japonica</i>	Japanese Pagoda Tree	G,T,P	No	SP	D	Asia	Yellow blooms, persistent seed pods
1	<i>Ulmus parvifolia</i>	Chinese Elm	G,T	No		D	Asia	Attractive mottled bark
<b>SHRUBS: Woody plants of relatively low height, having several stems arising from the base and lacking a single trunk; a bush</b>								
1	<i>Acacia greggii</i>	Catclaw	G,T	Yes	SP	D	W U.S.	Yellow blooms
1	<i>Agave parryi</i>	Century Plant	G,T,P	No		SC	SW U.S.	Blooms after twenty years
2	<i>Amelanchier laevis</i>	Serviceberry	G,T,P	No	SP/F	D	E U.S.	White to pink colored blooms in Spring, yellow to orange foliage in Fall
2	<i>Amelanchier utahensis</i>	Utah Serviceberry	G,T,P	No	SP	D	W U.S.	White blooms
2	<i>Amorpha fruticosa</i>	False Indigo	G,T,P	No	SP/F	D	E U.S.	Purplish blue blooms in Spring, yellowish foliage in Fall
1	<i>Arctostaphylos</i> spp.	Manzanita	T,P	No	SP/SU	E	W U.S.	Pink blooms
1	<i>Artemisia frigida</i>	Fringed Sage	G,T,P	Yes	SP	E	W U.S.	Yellow blooms
1	<i>Artemisia ludoviciana</i>	Prairie Sage	G,T,P	Yes	SP	E	W U.S.	Yellow blooms
1	<i>Artemisia 'Powis Castle'</i>	Powis Castle	G,T,P	No		E	Hybrid	Silver foliage
1	<i>Artemisia tridentata</i>	Big Sagebrush	G,T,P	No	SP	E	W U.S.	Yellow to green blooms, very fragrant after rain
1	<i>Atriplex canescens</i>	Four-wing Saltbush	G,T,P	No		E	W U.S.	Persistent seeds of interest
2	<i>Buddleia davidii</i>	Butterfly Bush	G,T,P	No	SU/F	D	China	White to purple blooms June - October
1	<i>Caesalpinia gilliesii</i>	Bird of Paradise	G,T	Yes	SP/SU	D	S Am	Yellow blooms with long red stamens

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<b>SHRUBS (continued):</b>								
1	<i>Caragana arborescens</i>	Siberian Peashrub	G,T,P	No	SP/SU	D	Asia	Yellow blooms, attracts grasshoppers
2	<i>Caryopteris x clandonensis</i>	Blue Mist	G,T,P	Yes	SU	D	Hybrid	Blue blooms, attracts bees
1	<i>Ceanothus fendleri</i>	Fendler's Buckbrush	T,P	No	SU	E	W U.S.	White blooms, thorny
1	<i>Ceanothus greggii</i>	Desert Ceanothus, Mojave Buckbrush	G,T,P	No	SU	E	W U.S.	White blooms, thorny
1	<i>Ceanothus integerrimus</i>	Deer Brush	G,T,P	No	SU	E	W U.S.	White blooms, attractive growth form
1	<i>Cercocarpus betuloides</i>	Birch Leaf Mountain Mahogany	G,T,P	No	F	E	W U.S.	Fall seeds with feathery tails
1	<i>Cercocarpus ledifolius</i>	Curly-leaf Mountain Mahogany	G,T,P	No	F	E	W U.S.	Fall seeds with feathery tails
1	<i>Cercocarpus montanus</i>	Mountain Mahogany	G,T,P	No	F	D	W U.S.	Fall seeds with feathery tails
2	<i>Chaenomeles speciosa</i>	Flowering Quince	G,T,P	No	SP	D	Asia	White to red showy blooms
1	<i>Chamaebatiaria millefolium</i>	Fernbush	G,T,P	No	SU	S	W U.S.	White blooms, needs excellent drainage, prefers alkaline soil
1	<i>Ericameria nauseosa</i> ( <i>Chrysothamnus nauseosus</i> )	Gray Rabbit Brush	G,T,P	Yes	SU	E	W U.S.	Yellow blooms
2	<i>Cotoneaster glaucophyllus</i>	Gray Cotoneaster	G,T,P	No	SP/WI	E	Asia	White blooms in Spring, red berries in Winter
2	<i>Cotoneaster horizontalis</i>	Rock Cotoneaster	G,T,P	No	SP/WI	E	Asia	White blooms in Spring, red berries in Winter
2	<i>Cotoneaster lacteus</i>	Parney Cotoneaster	G,T,P	No	SP/WI	E	Asia	White blooms in Spring, red berries in Winter
2	<i>Cotoneaster microphyllus</i>	Little-leaf Cotoneaster, Rockspray Cotoneaster	G,T,P	No	SP/WI	E	Asia	White blooms in Spring, red berries in Winter
1	<i>Dasyliirion wheeleri</i>	Sotol, Desert Spoon	G,T	No	SU	SC	SW U.S.	White flower spike, long spiny foliage
1	<i>Elaeagnus pungens</i>	Silverberry	G,T	No	WI	E	Asia	Small white fragrant blooms, multicolored foliage
1	<i>Ephedra viridis</i>	Mormon Tea	G,T	No	SP	E	SW U.S.	Yellow blooms, green stemy structure
1	<i>Ericameria laricifolia</i>	Turpentine Brush	G,T	No	SU/F	S	SW U.S.	Yellow blooms
1	<i>Fallugia paradoxa</i>	Apache Plume	G,T,P	Yes	SP	S	SW U.S.	White blooms, pink feathery seed head
1	<i>Krascheninnikovia lanata</i> ( <i>Ceratoides lanata</i> )	Winterfat	G,T,P	No	F	E	W U.S.	Spike-like woolly white seed head

Water Use	Botanical Name	Common Name	Local Zone	Spreads in Cultivated Areas	Seasonal Color	Evergreen or Deciduous	Origin	Comments
<b>SHRUBS (continued):</b>								
2	<i>Forestiera neomexicana</i>	Desert Olive	G,T,P	No	SP/F	D	SW U.S.	Yellow fragrant blooms in Spring, yellow foliage in Fall, attracts birds
2	<i>Forsythia x intermedia</i>	Forsythia	G,T,P	No	SP	D	Hybrid	Profuse yellow blooms
1	<i>Garrya wrightii</i>	Wright's Silk Tassel	T,P	No		E	SW U.S.	Will grow in full shade
1	<i>Hesperaloe parviflora</i>	Red Yucca	G,T,P	No	SU	SC	N Mex	Yellow or red blooms
2	<i>Holodiscus dumosus</i>	Mountain Spray	G,T,P	No	SP/F	D	Mtn U.S.	White blooms in Spring, orange to red foliage in Fall
2	<i>Juniperus</i> spp.	Juniper (Shrubs)	G,T,P	No		E	Various	Select suitable cultivar for application
3	<i>Kolkwitzia amabilis</i>	Beauty Bush	G,T,P	No	SP	D	China	Yellow center with pink bloom
3	<i>Lonicera fragrantissima</i>	Winter Honeysuckle	G,T,P	Yes	SP	S	Asia	White fragrant blooms
2	<i>Lonicera tatarica</i>	Tatarian Honeysuckle	G,T,P	No	SP	D	Asia	White to pink blooms
1	<i>Maclura pomifera</i>	Osage Orange	G,T,P	Yes	F	D	S U.S.	Can produce large inedible fruit, thorny hedgerow shrub
2	<i>Mahonia aquifolium</i>	Oregon Grape	G,T,P	Yes	SP/WI	E	NW U.S.	Yellow fragrant blooms in Spring, burgundy foliage in Winter
1	<i>Mahonia fremontii</i>	Fremont Barberry	G,T	No	SP	E	SW U.S.	Yellow blooms
1	<i>Nolina microcarpa</i>	Beargrass	G,T,P	No	SU	E	SW U.S.	Interesting white flower stalk
1	<i>Opuntia</i> spp.	Prickly Pear, Chollas - hardy species only	G,T,P	No	SU	SC	SW U.S.	Showy cactus blooms, colors vary
2	<i>Philadelphus microphyllus</i>	Little-Leaf Mock Orange	T,P	No	SU	D	SW U.S.	White fragrant blooms
2	<i>Physocarpus monogynus</i>	Mountain Ninebark	T,P	No	SP/F	D	W U.S.	White to pink blooms in Spring, red to orange foliage in Fall
2	<i>Potentilla fruticosa</i>	Shrubby Cinquefoil	G,T,P	No	SU	D	W U.S.	Showy yellow blooms all Summer in sun
2	<i>Prunus pumila</i> v. <i>besseyi</i> ( <i>Prunus besseyi</i> )	Western Sand Cherry	G,T,P	No	SP	D	W U.S.	White blooms
3	<i>Prunus x cistena</i>	Cistena Plum	G,T,P	No	SP/SU/F	D	Hybrid	Pink fragrant blooms in Spring, purple foliage in Summer, red foliage in Fall
2	<i>Prunus tomentosa</i>	Nanking Cherry	G,T,P	No	SP	D	Asia	White fragrant blooms, exfoliating bark
1	<i>Purshia mexicana</i> ( <i>Cowania mexicana</i> )	Cliffrose	G,T,P	No	SU	E	SW U.S.	White fragrant blooms



Water Use	Botanical Name	Common Name	Local Zone	Spreads in Cultivated Areas	Seasonal Color	Evergreen or Deciduous	Origin	Comments
<b>SHRUBS (continued):</b>								
2	<i>Pyracantha</i> spp.	Firethorn	G,T,P	No	SP/F	E	Med	White blooms in Spring, colorful fruit in Fall, thorny bird habitat
1	<i>Quercus turbinella</i>	Scrub Live Oak	G,T,P	No		E	SW U.S.	Drought deciduous, acorns attract wildlife
1	<i>Rhamnus californica</i>	California Buckthorn	G,T,P	No	SU	E	SW U.S.	Tolerates shade, colorful dark red berries
1	<i>Rhamnus crocea</i>	Hollyleaf Buckthorn	G,T	No	SU	E	SW U.S.	Tolerates shade, colorful bright red berries
1	<i>Rhus aromatica</i>	Gro-low, Fragrant Sumac	G,T,P	Yes	SP/F	D	E U.S.	Yellow blooms in Spring, red foliage in Fall
1	<i>Rhus glabra</i>	Smooth Sumac	G,T,P	Yes	SU/F	D	N Am	Red fruit in Summer, red foliage in Fall
1	<i>Rhus trilobata</i>	Three Leaf Sumac	G,T,P	No	SU/F	D	SW U.S.	Red fruit in Summer, red to orange foliage in Fall
1	<i>Robinia neomexicana</i>	New Mexico Locust	G,T,P	Yes	SP/F	D	SW U.S.	White to pink blooms in Spring, yellow foliage in Fall
2	<i>Rosa rugosa</i>	Rugosa Rose	G,T,P	No	SP	D	Asia	Colors vary, colorful rose hips
2	<i>Salvia greggii</i>	Autumn Sage	G,T	Yes	SU/F	S	SW U.S.	Red to pink blooms, attracts hummingbirds, insects
2	<i>Santolina chamaecyparissus</i>	Gray Santolina, Lavender Cotton	G,T,P	No	SU	E	Med	Yellow blooms, full sun, cut back for best results
1	<i>Spartium junceum</i>	Spanish Broom	G,T,P	Yes	SP	E	Med	Yellow blooms, green stemy structure
1	<i>Yucca</i> spp.	Yucca	G,T,P	No	SP/SU	SC	SW U.S.	Showy cream blooms on stalk, zone hardiness depends on species
<b>GROUNDCOVERS: Low-growing dense growth of plants</b>								
<b>VINES: Weak-stemmed plants that derive support from climbing, twining, or creeping along a surface</b>								
2	<i>Cotoneaster dammeri</i>	Lowfast Cotoneaster	G,T,P	Yes	SP/F	E	China	White blooms in Spring, red berries in Fall
2	<i>Jasminum nudiflorum</i>	Winter Jasmine	G,T,P	Yes	SP	E	China	Yellow blooms
2	<i>Juniperus horizontalis</i> 'Blue Chip'	Blue Chip Juniper	G,T,P	Yes		E	N Am	Blue foliage turns violet in Winter
2	<i>Juniperus sabina</i> 'Buffalo'	Buffalo Juniper	G,T,P	Yes		E	Eurasia	
3	<i>Lonicera japonica</i> 'Halliana'	Hall's Honeysuckle	G,T,P	Yes	SP/SU	S	Asia	White to yellow fragrant blooms
1	<i>Mahonia repens</i>	Creeping Oregon Grape	T,P	Yes	SP/SU/WI	E	W U.S.	Yellow blooms in Spring, purple fruit in Summer, burgundy foliage in Winter

Water Use	Botanical Name	Common Name	Local Zone	Spreads in Cultivated Areas	Seasonal Color	Evergreen or Deciduous	Origin	Comments
<b>GROUNDCOVERS &amp; VINES (continued):</b>								
3	<i>Parthenocissus inserta</i>	Woodbine	T,P	Yes	F	D	N Am	Early red foliage
3	<i>Parthenocissus quinquefolia</i>	Virginia Creeper	T,P	Yes	F	D	N Am	Early red foliage
3	<i>Parthenocissus tricuspidata</i>	Boston Ivy	T,P	Yes	F	D	Asia	For best results plant in the shade
2	<i>Teucrium chamaedrys 'prostratum'</i>	Germander	G,T,P	Yes	SU	E	Eurasia	Pink blooms
2	<i>Thymus praecox arcticus</i>	Creeping Thyme	G,T,P	Yes	SU	E	Eurasia	White to pink blooms, water use varies by soil conditions
<b>GRASSES: Characterized by slender leaves, called blades, which usually grow arching upwards from the ground</b>								
<b>Cool Season Grasses: Prefer supplemental irrigation January - March</b>								
1	<i>Aristida purpurea</i>	Purple Three-awns and varieties	G,T,P	No	SU	S	SW U.S.	Purple seed heads
1	<i>Festuca glauca</i>	Blue Fescue	G,T,P	No		S	Eurasia	Blue foliage year round
1	<i>Koeleria cristata</i>	Junegrass	G,T,P	No		S	W U.S.	
1	<i>Nassella tenuissima</i>	Mexican Feather Grass	G,T,P	No	SU	S	SW U.S.	Delicate wispy golden to pink flower spikes
1	<i>Pascopyrum smithii</i>	Western Wheatgrass	G,T,P	No	SU	S	W U.S.	Blue-green foliage
<b>Warm Season Grasses: Prefer supplemental irrigation June - August</b>								
1	<i>Bothriochloa barbinodis</i>	Cane Beardgrass	G,T,P	No	F	S	SW U.S.	Cream seed heads
1	<i>Bouteloua curtipendula</i>	Side-Oats Grama	G,T,P	No		S	SW U.S.	
1	<i>Bouteloua eriopoda</i>	Black Grama	G,T,P	No		S	SW U.S.	
1	<i>Bouteloua gracilis</i>	Blue Grama	G,T,P	No		S	SW U.S.	
1	<i>Bouteloua hirsuta</i>	Hairy Grama	G,T,P	No		S	SW U.S.	
1	<i>Eragrostis intermedia</i>	Plains Lovegrass	G,T,P	No		S	SW U.S.	
1	<i>Helictotrichon sempervirens</i>	Blue Oat Grass	G,T,P	No		S	Eurasia	Blue foliage year round

Water Use	Botanical Name	Common Name	Local Zone	Spreads in Cultivated Areas	Seasonal Color	Evergreen or Deciduous	Origin	Comments
<b>GRASSES (warm season continued):</b>								
1	<i>Andropogon scoparius</i> ( <i>Schizachyrium scoparium</i> )	Little Bluestem	G,T,P	No		S	N Am	
1	<i>Lycurus phleoides</i>	Wolftail	G,T,P	No		S	SW U.S.	
1	<i>Muhlenbergia capillaris</i> 'Regal Mist'	Regal Mist Deergrass	G,T,P	No	F	S	SE U.S.	Pinkish airy flower spikes
1	<i>Muhlenbergia emersleyi</i>	Bullgrass	G,T,P	No	F	S	SW U.S.	Cream feathery flower spikes
1	<i>Muhlenbergia lindheimeri</i> 'Autumn Glow'	Autumn Glow Muhly	G,T,P	No	F	S	SW U.S.	Grayish flower spikes
1	<i>Muhlenbergia rigens</i>	Deergrass	G,T,P	No	F	S	SW U.S.	Showy creamy yellow flower spikes
1	<i>Sporobolus airoides</i>	Alkali Dropseed, Alkali Sacaton	G,T,P	No		S	SW U.S.	Robust, requires deep soil
1	<i>Sporobolus cryptandrus</i>	Sand Dropseed	G,T,P	No		S	SW U.S.	
1	<i>Sporobolus contractus</i>	Spike Dropseed	G,T,P	No		S	SW U.S.	
<b>PERENNIALS: Flowering for several to many growing seasons</b>								
2	<i>Achillea millefolium</i>	White Yarrow	G,T,P	No	SP/SU	N/A	Eurasia	White blooms
2	<i>Agastache cana</i>	Texas Hummingbird Mint	G,T,P	No	SU	N/A	SW U.S.	Varying reddish to pink, needs full sun
2	<i>Asclepias tuberosa</i>	Butterfly Weed	G,T,P	No	SU	N/A	W U.S.	Showy orange blooms, attracts butterflies
2	<i>Baileya multiradiata</i>	Desert Marigold	G,T	No	SP - F	N/A	SW U.S.	Showy yellow blooms, needs full sun
2	<i>Berlandiera lyrata</i>	Chocolate Flower	G	No	SP - F	N/A	SW U.S.	Yellow rays with dark eye, needs full sun, frost tender above 5,000'
3	<i>Cleome spinosa</i>	Spider Flower	G,T,P	No	SU	N/A	S Am	White to pink blooms
2	<i>Coreopsis grandiflora</i>	Coreopsis, Tickseed	G,T,P	No	SU - F	N/A	SE U.S.	Yellow to orange daisy-like blooms
2	<i>Coreopsis tinctoria</i>	Plains Coreopsis, Golden Coreopsis	G,T,P	No	SU - F	N/A	N Am	Yellow to red daisy-like blooms, sometimes planted as an annual
2	<i>Datura wrightii metaloides</i>	Jimsonweed, Sacred Datura	G,T,P	No	SU - F	N/A	SW U.S.	Large white blooms, opens in evening, highly poisonous if ingested
2	<i>Eriogonum</i> spp.	Buckwheat	G,T,P	No	SU - F	N/A	SW U.S.	White to pink blooms in Summer turn burgundy in Fall

Water Use	Botanical Name	Common Name	Local Zone	Spreads in Cultivated Areas	Seasonal Color	Evergreen or Deciduous	Origin	Comments
<b>PERENNIALS (continued):</b>								
2	<i>Eschscholzia californica</i>	California Poppy	G,T,P	Yes	SP	N/A	CA	Yellow to orange blooms, often planted as an annual
2	<i>Gaillardia grandiflora</i>	Blanket Flower	G,T,P	Yes	SU - F	N/A	SW U.S.	Yellow to red blooms with maroon bands
1	<i>Gutierrezia sarothrae</i>	Snakeweed	G,T,P	Yes	SU - F	N/A	SW U.S.	Yellow blooms
2	<i>Helianthemum nummularium</i>	Sunrose	G,T,P	No	SP/SU	N/A	Europe	Pastel blooms
2	<i>Heliomeris multiflora</i>	Showy Goldeneye	G,T,P	No	SU	N/A	SW U.S.	Large daisy-like yellow blooms all Summer
2	<i>Iris germanica</i>	Bearded Iris	G,T,P	No	SP	N/A	Europe	Colors vary, javelina resistant
2	<i>Kniphofia uvaria</i>	Red Hot Poker	G,T,P	No	SP/SU	N/A	S Africa	Colors vary, attracts hummingbirds
1	<i>Linum lewisii</i>	Blue Flax	G,T,P	No	SU	N/A	SW U.S.	Blue blooms, opens in morning
2	<i>Melampodium leucanthum</i>	Blackfoot Daisy	G,T,P	No	SU	N/A	SW U.S.	White daisy-like blooms with yellow eye
1	<i>Mirabilis multiflora</i>	Giant 4 O'Clock	G,T,P	No	SU	N/A	SW U.S.	White to purple blooms, opens late afternoon, roots and seeds poisonous if ingested
3	<i>Monarda</i> spp.	Bee Balm	T,P	No	SU	N/A	E U.S.	Pink to red blooms
1	<i>Oenothera caespitosa</i>	White-Tufted Evening Primrose	G,T,P	No	SU	N/A	W U.S.	White blooms, opens in evening
1	<i>Oenothera speciosa (Oenothera berlandieri)</i>	Mexican Evening Primrose	G,T,P	Yes	SU	N/A	SW U.S.	Pinkish blooms, a favorite of rabbits
1	<i>Penstemon</i> spp.	Penstemon	G,T,P	No	SU	N/A	W U.S.	Colors vary, select species by zone
1	<i>Perovskia atriplicifolia</i>	Russian Sage	G,T,P	No	SU	N/A	Asia	Profuse purple blooms
1-3	<i>Senecio</i> spp.	Groundsel	G,T,P	No	SU	N/A	Various	Colors vary, water use varies by species, select species by zone
1	<i>Tetraneuris acaulis (Hymenoxys acaulis)</i>	Angelita Daisy	G,T	No	SU	N/A	W U.S.	Yellow blooms, water sparingly
2	<i>Teucrium chamaedrys</i>	Germander	G,T,P	No	SU	E	Eurasia	Pink blooms
1	<i>Verbena rigida</i>	Verbena	G,T	No	SU	N/A	SW U.S.	Blue blooms
1	<i>Zinnia grandiflora</i>	Desert Zinnia	G,T	No	SP-F	N/A	SW U.S.	Yellow blooms with orange eye