



***Low Water Use  
Drought Tolerant Plant List***

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

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Tucson, AZ 85701***

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[www.azwater.gov](http://www.azwater.gov)***

*Photo - Christina Bickelmann © 2004*

# DROP YOUR WATER USE!

## Tucson is Educating Consumers to Drop their Water Use . . .

The Tucson office of the Arizona Department of Water Resources (ADWR) has developed a new pilot program, **Drop Your Water Use**, to educate retail nursery customers on how to plan and maintain a healthy and water efficient landscape.

The program is a voluntary collaboration between ADWR and local nurseries that uses a simple water drop system to identify plants with similar water requirements. Plants are labeled one through three, distinguished with corresponding water drops and numbers.

All of the labeled plants are Xeriscape plants currently on the Tucson AMA - Low Water Use/ Drought Tolerant plant list. The one through three numbering system correlates with the plant list.

 A “number one” indicates very low water use  
mostly native Sonoran and Chihuahuan desert plants,

 Two is low water use,

 Three is moderate water use.

By choosing plants with the same number a gardener can more successfully group plants by water needs.

Although the plants are all low-water-using, the frequency that they need to be irrigated varies from approximately once a week to once a month after the plants are established (in about 2-3 years). ADWR hopes that consumers will use separate valves on their irrigation system to water each zone and irrigate trees separately, enabling them to manage their irrigation water use more efficiently.

To date, fourteen Tucson retail nurseries and all six Tucson area Home Depot's have signed up for the program. ADWR is working with other nurseries to encourage them to participate. Wholesale nurseries in Phoenix and Tucson are also participating in the program by adding water drop symbols to the labels on plants to be sold in Tucson.

Retail nurseries that participate receive free posters, water drop stickers for their signage and handouts for their customers explaining the program and watering guidelines. In addition all participating nurseries will be listed on the ADWR website and will be promoted in press releases and at community events.

Anyone interested in more information or Tucson nurseries that would like to sign up for the program should contact Christina Bickelmann, Water Conservation Specialist for the Tucson ADWR office @ (520) 770-3816 or email: [cbickelmann@azwater.gov](mailto:cbickelmann@azwater.gov)

# LOW WATER USE/DROUGHT TOLERANT PLANT LIST

## OFFICIAL REGULATORY LIST FOR:

### **Arizona Department of Water Resources - Tucson Active Management Area Pima County, City of Tucson, Town of Oro Valley, Town of Marana**

This official regulatory list was developed to guide the regulated community in choosing low water-use and drought tolerant plants for landscaping. Landscaping planted after January 1, 1987 within publicly owned rights-of-way and irrigated with groundwater may be planted only with plants listed on the ADWR Low Water Use/ Drought Tolerant Plant List for the Tucson AMA. 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. Many local jurisdictions have adopted this list for regulatory purposes; contact your local jurisdiction for their landscape requirements.

This list can also be used as a resource for residents and businesses that are interested in conserving water. The list provides a wide array of plants to accomplish a variety of low water-use landscape designs.

The plants on this list can be grown in the Tucson area with very low to moderate supplemental irrigation once they are established. Supplemental irrigation should be of sufficient quantity to saturate the plant's root zone. All plants listed can grow with less water than traditional high water-use landscape plants and do not require more than the ADWR regulations for low water-use plants in the Tucson AMA, a maximum of 18 inches of supplemental irrigation on an annual basis, not including rainfall. In addition to water requirements, other suitability factors (e.g. highly invasive, cold hardiness, etc.) may be considered to determine acceptability of individual plants for addition to the list.

Applications for additions, deletions or exceptions to this list may be submitted to the Department of Water Resources, Tucson Active Management Area Office for consideration. Phone: (520) 770-3800. The list and application forms may be downloaded from the ADWR website at [www.azwater.gov/TAMA](http://www.azwater.gov/TAMA).

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



## Key to symbols:

### Water use (WU)

- 1 – Very low, irrigate every 3-4 weeks during the growing season after establishment
  - 2 – Low, irrigate every 2-3 weeks during the growing season after establishment
  - 3 – Moderate, irrigate weekly during the growing season after establishment
- \* *Average annual rainfall for Tucson is 11-12"; in low rainfall years the plants on the list may need additional irrigation to maintain good appearance and plant health.*

### Irrigation: most plants require regular irrigation during the first 2- 3 year establishment period

### Growing Season (GS):

- Wi winter – apply water September through March; less frequently in off season  
Su summer – apply water March through September; less frequently in off season

### Plant Type (PT):

- A accent plant                    S shrub  
C cactus                            Sc succulent  
Gc groundcover                T tree  
Gr ornamental grass            V vine  
An annual                         P perennial

### Flower Color:

Includes annotations for fall color, berries

**H:** Mature plant height measured in feet

**W:** Mature canopy size measured in feet

### Allergenicity (AL):

- a strongly allergenic
- b moderately allergenic
- c weakly allergenic

### Cold Hardiness:

if plants do not suffer any damage at 20° F or below they are considered cold hardy and do not have a code in the column

- (sh) semi-hardy - some dieback in a hard frost (mid 20's F)  
(t) tender - severely damaged or killed in a hard frost; when temperatures drop to 32° F or below

Note: the timing of the freeze, duration of the freeze, the temperatures the next day and the second night temperatures will affect how severely damaged the plant will be.

Allergenicity of the plants was classified with the help and advice of Michael J. Schumacher, M.D., Professor, Dept. of Pediatrics and Head, Allergy-Immunology Section, Univ. of Arizona Health Sciences Center and Mark R. Sneller, Ph.D., Office of Pollen and Mold Control, Pima County Health Dept.

### Native Plants are listed under Origin using the following symbols:

- CD Chihuahuan Desert- includes north central and NW Mexico, SW Texas, southern New Mexico and extreme SE Arizona  
SD Sonoran Desert – includes arid and semi-arid areas of NW Mexico, SE California and most of Arizona south of the Mogollon Rim

Note: Chihuahuan and Sonoran Desert Regions annotated by Matt Johnson, Native Plant Society.

### Special Considerations:

**Toxic:** may be harmful if eaten. Call Arizona Poison Control Center at 626-6016

**Invasive (INV):** may spread and intrude into natural areas

**Spreads in Cultivated Areas (SCA):** may spread by seed or sucker in urban or cultivated areas, and in disturbed soils

**Low Water Use Drought Tolerant Plant List - Tucson Active Management Area**

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	<i>Abutilon palmeri</i>	Indian Mallow	Apricot	Summer	S	3	4	Su					sh	SD
2	<i>Acacia aneura</i>	Mulga	Yellow	Spring	T	18	18	Su		c			sh	Austr.
2	<i>Acacia angustissima</i>	White Ball Acacia	White	Late Spring to Late Summer	S	5	5	Su		c			sh	SD
3	<i>Acacia berlandieri</i>	Guajillo	White	Summer	T,S	15	15	Su		c				CD
1	<i>Acacia constricta</i>	Whitethorn, Mescat Acacia	Yellow	Spring to Summer	T,S	20	20	Su		c	Yes	Yes		SD,CD
1	<i>Acacia crasspedocarpa</i>	Waxleaf Acacia	Yellow	Spring to Summer	T,S	15	15	Su		c				Austr.
2	<i>Acacia cultriformis</i>	Knife-Leaf Acacia	Yellow	Spring	T,S	15	15	Su		c			sh	Austr.
3	<i>Acacia farnesiana</i> (smalli)	Southwestern Sweet Acacia	Yellow	Spring	T,S	25	25	Su		c	Yes	Yes		SD,CD
1	<i>Acacia greggii</i>	Catclaw Acacia	Creamy Yellow	Spring to Summer	T,S	15	20	Su		c	Yes	Yes		SD,CD
2	<i>Acacia notabilis</i>	Notable Acacia	Yellow	Late Spring	S	8	15	Su		c				Austr.
2	<i>Acacia redolens</i>	Prostrate Acacia	Yellow	Spring	S,Gc	5	12	Su		c				Austr.
2	<i>Acacia rigidula</i>	Black Brush Acacia	Yellow	Spring	T,S	15	9	Su		c				CD
2	<i>Acacia salicina</i>	Willow Acacia	Creamy White	Spring	T	40	30	Su		c			sh	Austr.
2	<i>Acacia saligna</i>	Weeping Wattle	Orange-Yellow	Early Spring	T	25	20	Su		c			sh	Austr.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
3	<i>Acacia schaffneri</i>	Twisted Acacia	Yellow	Spring	T	20	25	Su		c				CD
2	<i>Acacia stenophylla</i>	Pencilleaf Acacia	Creamy White	Early Spring	T	30	20	Su		c				Austr.
2	<i>Acacia willardiana</i>	Palo Blanco	Pale Yellow	Spring	T	20	10	Su		c			sh	SD
3	<i>Achnatherum hymenoides</i> ( <i>Oryzopsis hymenoides</i> )	Indian Ricegrass	Green	Spring	Gr	2	2	Su		a				SD,CD
1	<i>Agave americana</i> & varieties	Century Plant	Yellow	Once (Summer)	A,Sc	7	8	Su						CD
2	<i>Agave angustifolia v. marginata</i>	Narrow leaf Agave	Greenish-Yellow	Once (Summer to Fall)	A,Sc	3	4	Su					t	Mex.
2	<i>Agave bovicornuta</i>	Cow's Horn Agave	Yellow	Once (Spring to Summer)	A,Sc	3	4	Su					sh	Mex.
2	<i>Agave bracteosa</i>	Spider Agave	White, orange	Once (Summer)	A,Sc	2	2	Su						
2	<i>Agave celsii</i>		Greenish with purple/red tinge	Once	A,Sc	2	2	Su						E. Mex.
2	<i>Agave chrysantha</i>	Golden Flower Agave	Yellow	Once (Summer)	A,Sc	3	4	Su					sh	AZ
2	<i>Agave colorata</i>	Mescal Ceniza, Blue Century Plant	Yellow	Once (Spring to early Summer)	A,Sc	3	3	Su						SD
2	<i>Agave desmettiana</i> & varieties	Smooth Agave	Pale Yellow	Once (Spring)	A,Sc	3	6	Su					t	Mex.
2	<i>Agave fillifera</i>	Agave	Green then reddish	Once (Summer)	A,Sc	2	3	Su						CD
2	<i>Agave geminiflora-solitary</i>	Twin-flowered Agave	Yellow tinged with red	Once (Fall to Winter)	A,Sc	3	3	Su					sh	Mex.
2	<i>Agave havardiana</i>	Havard Agave	Greenish Yellow	Once (Spring)	A,Sc	3	4	Su						CD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	Agave lophantha (univittata)	Holly Agave; Center Stripe Agave	Greenish Yellow	Once	A,Sc	3	6	Su						CD
2	Agave macroacantha	Black Spine Agave	Green	Once	A,Sc	2	2	Su					sh	Mex.
2	Agave montana	Mountain Agave	Green, Creamy White	Once	A,Sc	4	6	Su						Mex.
2	Agave multifilifera	Chahuiqui	Light Green with Pink Margins	Once	A,Sc	3	5	Su					sh	CD
2	Agave murpheyi	Murphy Agave	Pale Green	Once (Fall) produces bulbils on flower stalk	A,Sc	3	3	Su						SD
2	Agave ocahui	Ocahui Agave	Yellow	Once (Spring to Summer)	A,Sc	3	3	Su						SD
2	Agave ovatifolia	Whales Tongue Agave	Pale Green	Once	A,Sc	3	3	Su					sh	Mex.
2	Agave palmeri	Palmer Agave	Pale Green	Once (Summer) produces bulbils on flower stalk	A,Sc	4	4	Su						SD
2	Agave parrasana	Parras Agave	Yellow	Once	A,Sc	2	2	Su						Mex.
2	Agave parryi & varieties	Agave	Yellow	Once (Summer)	A, Sc	2	2	Su				Yes		CD
2	Agave parryi var. huachucensis	Huachuca Agave	Pink buds opening to Yellow	Once (Late Spring to early Summer)	A,Sc	2	3	Su			Yes	Yes		SD
2	Agave parviflora	Small Flowered Agave	Pale Yellow	Once (Summer)	A,Sc	.5	.7	Su						SD
2	Agave pelona	Mescal Pelon	Red	Once (Spring)	A, Sc	2	2.5	Wi						SD
2	Agave potatorum	Butterfly Agave	Pale Green	Once	A,Sc	1	2	Su					t	Oaxaca Mex.
2	Agave salmiana ssp. Ferox	Pulque Agave, Salm's Agave	Yellow above Green below	Once	A,Sc	4	6	Su					sh	Central Mex.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	Agave scabra	Rough-leaved Agave	Yellow	Once (Late Spring to Fall)	A,Sc	4	4	Su						CD
2	Agave schidigera	Agave	Dark Purple	Once (Fall to Spring)	A,Sc	2	3	Su						Durango Mex.
2	Agave shawii		Yellow	Once (Spring)	A,Sc	3	5	Su					sh	Baja Cal. Mex.
2	Agave striata	Needle-leaf Agave, Espidine	Yellow, sometimes Red- Purple	Once (Summer)	A,Sc	3	3	Su						Mojave D
2	Agave utahensis		Yellow	Once	A,Sc	1	2	Su						Mojave D
2	Agave victoriae-reginae & varieties	Queen Victoria Agave	Reddish Purple	Once (Summer)	A,Sc	1	2	Su						Mex.
2	Agave vilmoriniana	Octopus Agave	Yellow	Once (Spring) produces bulbils on flower stalk	A,Sc	4	6	Su					sh	SD
2	Agave weberi	Weber Agave	Yellow	Once	A,Sc	4	6	Su						Mex.
1	Aloe barbadensis	Aloe Vera, Medicinal Aloe	Yellow, Orange, Red	Late Winter to Summer	Sc	2	2	Wi					sh	Africa
2	Aloe ferox	Cape Aloe	Orange Red	Late Winter early Spring	Sc	15	3	Su					sh	Africa
1	Aloe saponaria	Tiger Aloe, Mediterranean Aloe	Yellow, Orange, Red	Winter to Spring	Sc	1	1	Wi					sh	Africa
2	Aloe variegata	Partridge Breast Aloe	Dark Pink to Red	Winter to Spring	Sc	1	1.5	Su						Africa
2	Aloe x 'Blue Elf'		Orange-Red	Winter to Spring	A,Sc	2	1	Wi					sh	garden variety
2	Aloysia gratissima	Fragrant Bush, Bee Bush	White	Spring	S	6	8	Su			Yes	Yes		SD,CD
2	Aloysia wrightii	Wright's Bee Bush	White	Spring to Fall	S	4	4	Su						SD,CD



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1	<i>Ambrosia deltoidea</i> (Franseria)	Triangle-leaf Bursage	inconspicuous	Mid-Winter to mid-Spring	S	2	2	Wi		a				SD
1	<i>Ambrosia dumosa</i> (Franseria)	White Bursage	inconspicuous	Mid-Winter to mid-Spring	S	2	2	Wi		a				SD
3	<i>Amsonia grandiflora</i>	Large-flowered Blue Star	White tinged with Lavender	Spring to early Summer	S,P	3	3	Su						SD
2	<i>Anisacanthus quadrifidus</i> & varieties	Flame Anisacanthus	Orange, Red	Summer to Fall	S	5	5	Su						CD
2	<i>Anisacanthus thurberi</i>	Desert Honeysuckle	Orange	Spring to Fall	S	6	4	Su						SD
2	<i>Antigonon leptopus</i>	Queen's Wreath	Pink, White, Red	Summer and Fall	V	20	20	Su					t	SD
2	<i>Aristida purpurea</i>	Purple Three-awn	Green, Green to Blue foliage	Spring to early Fall	Gr	2	1	Su			Yes	Yes		SD,CD
2	<i>Artemisia ludoviciana</i>	Prairie Sagebrush, Wormwood	inconspicuous	July-Oct	S,Gc	1	3	Su		a				SD
3	<i>Asclepias linaria</i>	Pine Leaf Milkweed	White	Spring to Fall	S	3	3	Su	Yes					SD,CD
1	<i>Asclepias subulata</i>	Desert Milkweed	Pale Yellow, White	Late-Spring to Fall	P	3	3	Su	Yes				sh	SD
1	<i>Aster bigelovii</i>	Purple Aster	Blue	Late-Summer to early Fall	An	1-3	.5	Su					t	SD
1	<i>Aster tanacetifolius</i>	Purple Aster	Purple	Summer to Fall	An	1.5	.5	Su					t	SD,CD
1	<i>Atriplex canescens</i>	Four-Wing Saltbush	inconspicuous	Spring to Fall	S	4	8	Su		a				SD,CD
2	<i>Atriplex lentiformis</i>	Quail Bush	Greenish	Late Winter to Spring	S	10	15	Su		a				SD
2	<i>Atriplex lentiformis breweri</i>	Brewer Saltbush	Light Yellow	Summer	S	10	10	Su		a				SD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
1	<i>Atriplex nummularia</i>	Old Man Saltbush	inconspicuous		S	9	15	Su		a				Austr.
1	<i>Atriplex polycarpa</i>	Desert Saltbush	inconspicuous		S	3	6	Su		a				SD
2	<i>Atriplex semibaccata</i>	Australian Saltbush	inconspicuous	April through September	S	1	6	Su		a				Austr.
2	<i>Baccharis hybrid 'Starn'</i>	Thompson Broom	inconspicuous Tan		Gc	4	5	Su		c				garden cultivar
2	<i>Baccharis sarothroides</i> and hybrids (male varieties only)	Desert Broom	Cream, White	Fall	S	9	9	Su		a				SD
1	<i>Bahia absinthifolia</i>	Desert Daisy	Yellow	Spring to Fall	P	1	.5	Wi						SD
1	<i>Baileya multiradiata</i>	Desert Marigold	Yellow	Spring through Fall	P	1	1	Wi	Yes					SD,CD
3	<i>Bauhinia lunaroides</i>	Pink or White Orchid Tree	Pink, White	Spring to early Summer	S	12	10	Su						CD
2	<i>Bebbia juncea</i>	Sweet Bush, Chuuckwalla's Delight	Yellow	Spring to Fall	S,P	4	4	Su				Yes		SD,CD
3	<i>Berberis harrisoniana</i>	Barberry	Yellow	Late-Winter to early-Spring	S	3	3	Su						SD
2	<i>Berberis trifoliata</i>	Algerita	Yellow	Spring	S	8	8	Su						SD
3	<i>Berlandiera lyrata</i>	Chocolate Flower	Yellow with Maroon center	Spring to Fall	P	2	2	Su				Yes		SE. AZ
2	<i>Bothriochloa barbinodis</i>	Cane Beardgrass, Cane Bluestem	Green	Late-Spring to early-Fall	Gr	3	3	Su		c				SD,CD
2	<i>Bougainvillea</i> spp.	Bougainvillea	Purple, Red, Orange, Pink	Late Spring to Fall	S,V	20	20	Su					t	Brazil
2	<i>Bouteloua</i> spp.	Gramma Grass	varies by species Green, Pink, Orange, Purple	Summer to Fall	Gr	.5-3	1	Su		a				SD,CD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	<i>Brachychiton populneus</i>	Bottle Tree	Pink	Late Spring	T	45	30	Su						Austr.
3	<i>Brahea (Erythea) armata</i>	Mexican Blue Palm	White	Spring	T	30	10	Su		c				SD
3	<i>Buchloe dactyloides</i>	Buffalo Grass	Tan	Summer to Fall	Gr	.5	.5	Su		a				CD
1	<i>Buddleia marrubifolia</i>	Woolly Butterfly Bush	Orange	Spring and Summer	S	5	5	Su						CD
3	<i>Bulbine frutescens</i> and cultivars	Shrubby Bulbine	Yellow to Orange	Fall to Spring	Sc	2	2	Wi					sh	S. Africa
2	<i>Caesalpinia (Poinciana) gilliesii</i>	Yellow Bird of Paradise	Yellow with Red stamens	Late Spring to Fall	S	10	6	Su	Yes		Yes	Yes		S. Amer.
2	<i>Caesalpinia (Poinciana) mexicana</i>	Mexican Bird of Paradise (yellow)	Yellow	Spring to Summer	S	15	10	Su	Yes		Yes	Yes		CD
3	<i>Caesalpinia cacalaco</i>	Cascalote	Yellow	Winter	S	15	18	Su	Yes				t	Mex.
3	<i>Caesalpinia pulcherrima</i>	Red Bird of Paradise	Red, Orange	Summer	S	6-8	6	Su	Yes				sh	Caribb.
2	<i>Callaeum lilacina (Mascagnia)</i>	Purple Orchid Vine	Purple	Spring and Summer	V	15	10	Su						CD
2	<i>Callaeum macropterum (Mascagnia macroptera)</i>	Yellow Orchid Vine	Yellow	Spring and Summer	V	25	25	Su			Yes		sh	SD,CD
2	<i>Calliandra californica</i>	Baja Fairy Duster	Red	Spring through Fall	S	6	6	Su					sh	SD
1	<i>Calliandra eriophylla</i>	Fairy Duster, False Mesquite	Pink	Spring	S	3	4	Su						SD
2	<i>Calliandra peninsularis</i>	Red Calliandra, Baja Fairy Duster	Red	Winter to Spring	S	6	6	Su					sh	SD
3	<i>Callistemon citrinus</i>	Lemon Bottlebrush	Red	Off and on all year	T,S	15	10	Su		c			sh	Austr.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
3	<i>Calylophus hartwegii</i> & varieties	Calylophus, Yellow Evening Primrose	Yellow	Spring to Summer	Gc	1.5	3	Su, Wi			Yes	Yes		CD, SD
3	<i>Campsis radicans</i>	Common Trumpet Creeper	Orange, Red	Summer to Fall	V	20	20	Su					sh	SE U.S.
1	<i>Carnegiea gigantea</i>	Saguaro	White	Early Summer	C	50	25	Su						SD
3	<i>Carpobrotus edulis</i> ( <i>Mesembryanthemum edulis</i> )	Ice Plant	Pale Yellow to Pinkish Purple	Summer	Gc,Sc	1	6	Wi					t	Africa
2	<i>Cassia artemisioides</i> (Senna)	Wormwood Senna, Feathery Cassia	Yellow	Late Winter to Spring	S	5	5	Wi					sh	Austr.
2	<i>Cassia nemophila</i> ( <i>C. eremophila</i> )	Green Cassia	Yellow	Winter to Spring	S	9	6	Wi			Yes	Yes		Austr.
2	<i>Cassia phyllodinea</i>	Silvery Cassia	Yellow	Winter to Spring	S	6	6	Wi						Austr.
2	<i>Casuarina cunninghamiana</i>	Australian Pine			T	70	35	Su		b				Austr.
2	<i>Casuarina stricta</i>	Coast Beefwood			T	35	25	Su		b				Austr.
2	<i>Cathastecum erectum</i>	False Grama	Green	Summer	Gr	.5	1	Su		c				SD
1	<i>Celtis pallida</i>	Spiny or Desert Hackberry	Greenish-yellow	Spring	S	16	10	Su		a				SD,CD
3	<i>Celtis reticulata</i>	Netleaf or Western Hackberry	Greenish	March through Summer	T	30	30	Su		a				SD,CD
3	<i>Centaurea cineraria</i>	Dusty Miller	Purple, Yellow	Summer	P	3	3	Wi						Medit.
2	<i>Cephalophyllum aestonii</i> 'Red Spike'	Red Spike Ice Plant	Reddish-purple	Winter to Spring	Gc,Sc	0.5	1.5	Wi						S. Africa
3	<i>Ceratonia siliqua</i>	Carob, St. John's Bread Tree	Pink	Spring	T	40	40	Su					sh	Medit.

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3	<i>Cercis canadensis</i> v. <i>mexicana</i>	Mexican Redbud	Magenta	Early Spring	T,S	15	15	Su						CD
1	<i>Cereus hildmannianus</i> ( <i>C.peruvianus</i> )	Peruvian Cereus, Hedge Cactus	White	Night blooming in Summer	C	20	10	Su					sh	S. Amer.
3	<i>Chamaerops humilis</i>	Mediterranean Fan Palm	insignificant	n/a	T	15	10	Su		c				Spain
3	<i>Chilopsis linearis</i> and cultivars	Desert Willow	White, Lavender, Pink, Purple	Late-Spring to Fall	T,S	30	30	Su			Yes	Yes		SD,CD
2	<i>Chrysactinia mexicana</i>	Damianita Daisy	Yellow-Gold	Spring and Fall	S	2	2	Su						SW U.S.
2	<i>Cissus trifoliata</i> v. <i>incisa</i>	Desert Grape Ivy	inconspicuous	Summer	V	20	20	Su			Yes	Yes		SD,CD
2	<i>Condalia globosa</i>	Bitter Condalia	White inconspicuous, fragrant	Early Spring	T,S	15	20	Su						SD
1	<i>Condalia warnockii</i> v. <i>kearneyana</i>	Condalia, Mexican Pincushion	White	Early Spring	S	6	5	Su						SD,CD
2	<i>Convolvulus cneorum</i>	Bush Morning Glory	White	Late Spring to Fall	S,Gc	2	3	Wi	Yes					S. Eur.
3	<i>Convolvulus mauritanicus</i>	Ground Morning Glory	Sky Blue	Spring and Summer	Gc	.5	2	Wi					sh	Africa
2	<i>Cordia boissieri</i>	Anacahuita, Texas Olive	White	Spring to Fall	T,S	15	15	Su					sh	CD
2	<i>Cordia parvifolia</i>	Littleleaf Cordia	White	Spring to Fall	S	8	10	Su						SD,CD
3	<i>Cupressus arizonica</i> & varieties	Rough-barked Arizona Cypress	inconspicuous	n/a	T	50	20	Su		a				SD,CD
3	<i>Cupressus glabra</i>	Smooth Bark Cypress	n/a	n/a	T	40	20	Su		a				SD
3	<i>Dalbergia sissoo</i>	Rosewood	inconspicuous green-yellow		T	50	30	Su					sh	India

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	Dalea bicolor & varieties	Dalea Bicolor	Blue	Fall	S	6-8	5-6	Su						CD
3	Dalea capitata	Yellow Dalea	Yellow	Spring and Fall	Gc	1	3	Su						Mex.
3	Dalea frutescens	Black Dalea	Pink, Rose to Purple	Late Fall	S	4	5	Su						CD
2	Dalea greggii	Trailing Indigo Bush	Pink, Purple	Spring to Summer	Gc	2	9	Su						CD
2	Dalea pulchra	Indigo Bush	Pink, Purple	Winter, early Spring	S	6	5	Su						SD
3	Dalea versicolor v. sessilis	Indigo Bush, Dalea	Purple	Fall to early Spring	S	4	5	Su						SD
2	Dasyliirion acrotriche	Green Desert Spoon	Cream on single erect flower stalk	Summer to Fall	A	4	5	Su						CD
2	Dasyliirion leiophyllum	Green Desert Spoon	Greenish-yellow on single erect flower stalk	Spring	A	4	6	Su						CD
2	Dasyliirion quadrangulatum (D.longissimum)	Toothless Desert Spoon	Greenish and White	Late Spring	A	4	5	Su						CD
2	Dasyliirion texanum	Green Desert Spoon	Creamy White on single erect flower stalk	Late Spring to early Fall	A	5	5	Su						CD
2	Dasyliirion wheeleri	Sotol, Desert Spoon	Tan on erect stems	Mid to late Summer	A	4	5	Su						SD,CD
2	Datura wrightii	Sacred Datura, Jimson Weed, Thorn Apple	White	Late- Spring to early Fall	Gc	3	6	Su	Yes				sh	SD
2	Dicliptera resupinata	Native Dicliptera	Purple	Spring to Fall	P	2	3	Su				Yes		SD,CD
2	Digitaria californica	Arizona Cottontop	White	Summer to early Fall	Gr	3	1.5	Su		a				SD,CD
3	Dimorphotheca sinuata	African Daisy, Cape Marigold	Orange, White, Yellow	Winter to Spring	An	0.5	0.5	Wi						S. Africa



WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	<i>Dodonaea viscosa</i> & varieties	Hopbush	Green, inconspicuous	Spring to Fall	S	15	12	Su						SD,CD
2	<i>Ebenopsis ebano</i> ( <i>Pithecellobium flexicaule</i> )	Texas Ebony	Cream White	Late Spring to Fall	T	30	20	Su					sh	CD
1	<i>Echinocactus grusonii</i>	Golden Barrel	Yellow	Summer	C	3	2	Su						Mex.
1	<i>Echinocereus</i> spp.	Hedgehog, Rainbow Cactus	varies by species, Red, Yellow, Pink, Purple	Spring	C	2	2	Su						CD,SD
1	<i>Echinopsis</i> spp. & varieties	Easter Lily, Sea Urchin Cactus	Pink (various)	Spring to Summer	C	2	2	Su						S. Amer.
1	<i>Encelia californica</i>	California Brittlebush (green)	Yellow	Winter to Spring	S	4	4	Wi		c			sh	So. Calif.
1	<i>Encelia farinosa</i>	Brittlebush	Yellow	Early Spring	S	3	3	Wi		c			sh	SD
1	<i>Ephedra nevadensis</i>	Ephedra, Mormon Tea	Green inconspicuous	Spring	S	5	4	Su	Yes					SD
3	<i>Eragrostis intermedia</i>	Plains Lovegrass	Light Pink, White	Summer to Fall	Gr	3	1	Su		a				SD,CD
1	<i>Eremophila decipiens</i>	Emu Bush	Dark red	Winter to Spring	S	5	5	Su						Austr.
2	<i>Eremophila hybrid</i>	Summertime Blue	Blue	Spring through Summer	S	6	6	Su, Wi					sh	Austr.
2	<i>Eremophila laanii</i> 'pink beauty'	Emu Bush	Pink	Spring	S	8	8	Su, Wi					sh	Austr.
2	<i>Eremophila maculata</i> 'valentine'	Valentine Emu Bush	Red	Early to late Spring	S	5	6							Austr.
2	<i>Ericameria laricifolia</i> & cultivars ( <i>happloppapus laricifolius</i> )	Turpentine Bush	Yellow	Fall	S	2-3	2-3	Su						SD
2	<i>Eriogeron divergens</i>	Native Fleabane	White to Lavender	Spring to Summer	Gc,An, P	1	2	Wi				Yes		SW U.S.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	Eriogonum fasciculatum v. poliofolium	Flattop Buckwheat	White to Pink	Summer	S	1.5	2	Wi						S. CA, AZ, UT
2	Eriogonum wrightii	Wright Buckwheat	White to Pink	Summer to early Fall	S	1.5	2	Wi						SD
1	Erioneuron pulchellum	Fluffgrass	White	Summer and Fall	Gr	.5	.5	Su		a				SD,CD
3	Eschscholtzia californica	California Poppy	Orange, Pale - yellow, occasionally White	Late-Spring	An	2	2	Wi						SD
3	Eschscholtzia mexicana	Mexican Gold Poppy	Orange, pale-yellow, occasionally White	Early-Spring	An	1	1	Wi						SD
3	Eucalyptus camaldulensis	Red River Gum	Yellow inconspicuous	Winter to Spring	T	120	50	Su		c				Austr.
2	Eucalyptus campaspe	Silver Gimlet	inconspicuous	Late Winter to Spring	T	35	25	Su		c			sh	Austr.
2	Eucalyptus formanii	Eucalyptus	White	Summer	T	20	20	Su		c				Austr.
2	Eucalyptus leucoxydon (rosea)	White Iron Bark	White, Red	Fall to Winter	T	40	30	Su		c				Austr.
2	Eucalyptus microtheca	Tiny Capsule Eucalyptus, Coolibah	Creamy White inconspicuous	Summer	T	35	35	Su		c				Austr.
2	Eucalyptus papuana	Ghost Gum	White inconspicuous	Summer	T	40	25	Su		c			sh	Austr.
2	Eucalyptus polyanthemos	Silver Dollar Gum	Cream-white	Winter	T	40	30	Su		c				Austr.
2	Eucalyptus rudis	Desert Gum			T	100	50	Su		c				Austr.
2	Eucalyptus sargentii	Salt River Mallet	Yellow		T	40	30	Su		c			sh	Austr.
2	Eucalyptus spathulata	Swamp Mallee	Cream and Gold	Summer	T	20	20	Su		c				Aust

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1	Euphorbia antisyphilitica	Wax Plant, Candelilla	Creamy White - Red centers	Spring and mid Summer	S	3	3	Su						CD
2	Euphorbia myrsinites	Euphorbia			Gc	1	3	Wi						S. Europe, Cnt. Asia
2	Euphorbia rigida (biglandulosa)	Gopher Plant	Chartreuse	Winter to Spring	A,Sc	2	3	Wi	Yes			Yes		Africa
2	Eysenhardtia orthocarpa	Kidneywood	White	Summer	T	10	10	Su						CD, SD
3	Eysenhardtia texana	Texas Kidneywood	White	Spring to Summer	T	8	8	Su						CD
3	Feijoa sellowiana	Pineapple Guava	White with red stamens	Spring	T,S	15	15	Su						S. Amer.
1	Ferocactus spp.	Barrel Cactus	varies by species- Yellow, Red, Orange, Purple	Varies Winter through early Fall	C	5	1.5	Su						SD,CD
1	Fouquieria columnaris	Boojum	White	Late Summer to early Fall	T,A	75	1	Wi					sh	Baja
1	Fouquieria macdougalii	Mexican Tree Ocotillo	Red	Spring	S,A	6	4	Su					t	SD
1	Fouquieria splendens	Ocotillo	Red	Mid-Spring	A	15	8	Su						SD,CD
3	Fraxinus greggii	Littleleaf Ash	inconspicuous Green		T,S	18	15	Su		a				CD
2	Gaillardia aestivalis spp. winkleri	Winkler Gaillardia			P	2	3	Wi					sh	TX
2	Gaillardia pinnatifida	Blanket Flower		Late Spring to early Fall	P	2	2	Wi						SW U.S.
3	Gaillardia pulchella	Fire Wheel, Blanket Flower	Deep Maroon center with Yellow outside edges	Late Spring to early Fall	An	1.5	1.5	Wi						CD
3	Gazania rigens & varieties	Gazania	Orange, Yellow, White	Winter to Spring, Fall	Gc	.5	2	Wi						Africa

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3	<i>Geijera parviflora</i>	Australian Willow	White	Spring	T	25	20	Su						Austr.
1	<i>Geoffroea (Gourleia) decorticans</i>	Chilean Palo Verde	Yellow	Spring	T	20	15	Su						S. Amer.
1	<i>Glandularia gooddingii</i> (Verbena)	Goodding Verbena	Lavender, Pink	Spring	P	1.5	3	Wi, Sp						SD
3	<i>Glandularia pulchella (V.tenuisecta) (V. tenera)</i>	Moss Verbena, Rock Verbena	Purple	Spring to Fall	P	1	5	Su, Wi				Yes		S. Amer.
2	<i>Gossypium harknessii</i>	Gossypium, Wild Cotton	Yellow	Spring and Fall	S	3	3	Su					t	SD
3	<i>Guaiacum coulteri</i>	Guayacan	Blue-Purple	Spring through Summer	T,S	12	10	Su					sh	SD
1	<i>Gutierrezia sarothrae</i>	Snakeweed	Yellow	Early Fall	S,P	2	2	Su				Yes		W. U.S., CAN, Mex.
3	<i>Hamelia patens</i>	Texas Firecracker Bush	Red, Orange	Summer	S	10	5	Su					sh	FL, Caribn.
2	<i>Havardia mexicana (Pithecellobium mexicanum)</i>	Mexican Ebony	Creamy Yellow	Spring	T	30	30	Su						SD
2	<i>Havardia pallens (Pithecellobium pallens)</i>	Tenaza	White	Late Spring to Mid-Summer	T	30	12	Su		c			sh	CD
2	<i>Hesperaloe campanulata</i>	Bell Flowering Hesperaloe	Pink	Summer	A	3	3	Su						NM
2	<i>Hesperaloe funifera</i>	Giant Hesperaloe	Creamy White	Summer	A	5	5	Su						CD
2	<i>Hesperaloe nocturna</i>	Night Flowering Hesperaloe	White and Green	Spring to Fall	A	3	3	Su						SD
2	<i>Hesperaloe parviflora &amp; varieties</i>	Red Yucca, Yellow Yucca	Pink, Red, Yellow	Spring and Summer	A	3	4	Su						CD
3	<i>Heteropogon contortus</i>	Tanglehead	Brown	Summer and Fall	Gr	3	2	Su		c	Yes	Yes		SD

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2	Hibiscus coulteri	Yellow Hibiscus, Coulter's Hibiscus	Pale Yellow	late Spring to Fall	S	3	3	Su						SD,CD
2	Hilaria berlanderi	Curly mesquite	Green	late Summer to Fall	Gr	.5	1	Su		b				SD,CD
2	Hilaria mutica	Tobosa grass	Green	Summer to Fall	Gr	2	2	Su		b				SD,CD
2	Hilaria rigida	Big galleta grass	Green	Spring through Fall	Gr	3	1	Su		b				SD,CD
1	Hyptis albida (emoryii)	Desert Lavender	Purple	Spring through Fall	S	8	8	Su					sh	SD
1	Jatropha cardiophylla	Limberbush	inconspicuous White	Summer	S	3	4	Su						SD
1	Jatropha dioica	Jatropha	inconspicuous	Summer	S	3	3	Su					t	CD
3	Juniperus chinensis and cultivars	Juniper	n/a		T	20	10	Su		b				Asia
3	Juniperus deppeana	Alligator Bark Juniper	inconspicuous		T	40	30	Su		a				SD,CD
3	Juniperus sabina	Sabine Juniper	inconspicuous		S	1.5	8	Su		b				AZ
2	Justicia californica and cultivars (Beloperone)	Chuparosa	Red	Spring	S	3	4	Su					sh	SD
2	Justicia candicans	Red Jacobinia	Red, orange	Fall to Spring	S	5	3	Su					sh	SD
3	Justicia fulvicoma	Mexican Plume	Reddish Orange	Spring and Fall	S	2	3	Su					t	Mex.
3	Justicia spicigera	Firecracker Bush	Orange	Summer to Winter	S	4	4	Su					sh	Mex.
3	Lantana camara and cultivars	Bush Lantana	Orange, Yellow, Red, Pink	Spring to Fall	S	3	4	Su			Yes	Yes	t	U.S., Tropics

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3	Lantana montevidensis	Trailing Lantana	Lavender	Spring to Summer	Gc	1.5	6	Su					t	S. Amer.
1	Larrea tridentata (divaricata)	Creosote Bush, Greasewood	Yellow	Early Spring to Fall	S	8	8	Su						SD,CD
3	Leptochloa dubia	Green Sprangle-Top	Green	Summer	Gr	3	1	Su		a				CD,SD
2	Leucaena retusa	Golden Leadball	Yellow	Spring to Summer	T	20	15	Su					sh	CD
2	Leucophyllum spp. & varieties	Texas Ranger	varies by species Pink, Purple, Lavender, White	Summer humidity	S	3-10	3-10	Su						CD
3	Linum grandiflorum `Rubrum'	Scarlet Flax	Scarlet	Spring	An	2	1	Wi						N. Africa
3	Linum lewisii	Blue Flax	Bright Blue	Spring	An	2	1	Wi						SD,CD
1	Lophocereus schotti	Senita	Pink	Spring to Summer	A, C	15	10	Su					sh	SD
1	Lophocereus schotti, ssp. Monstrosus	Totem Pole Cactus	Pink	Spring to Summer	A, C	10	8	Su						Baja
2	Lotus rigidus	Desert Deerweed, Deer Vetch	Yellow and Orange	Spring	Gc,P	1.5	2	Wi						SD
1	Lupinus arizonicus	Lupine	Purple	Winter to Spring	An	1	1	Wi						SD
1	Lupinus sparsiflorus	Desert Lupine	Purple	Late Winter to Spring	An	1	1	Wi						SD
1	Lupinus succulentus	Arroyo Lupine	Deep Blue	Spring	An	2	1	Wi						SD
2	Lycium andersonii	Desert Wolfberry	Lavender, followed by Red berries	Spring	S	6	6	Su						SD
1	Lycium exsertum	Thornbush	White-Purple followed by Red berries	Spring	S	8	8	Su						SD



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1	<i>Lycium fremontii</i>	Wolfberry, Tomatillo	White-Lavender followed by Red berries	Spring	S	10	8	Su						SD
2	<i>Lycium pallidum</i>	Desert Thorn	White, followed by Red berries	Spring	S	3-9	4-6	Su						SD, Mojave D
3	<i>Lysiloma thornberi</i>	Feather Tree	White	Late Spring	T,S	20	20	Su			Yes	Yes	sh	SD
2	<i>Macfadyena unguis-cati</i>	Cat's Claw Vine	Yellow	Spring	V	30	30	Su			Yes	Yes		U.S.
1	<i>Maireana sedifolia</i>	Pearl Bluebush	Tan inconspicuous		S	2	3						sh	Austr.
2	<i>Malephora crocea</i>	Croceum, Ice Plant	Copper to red	Late Fall to late Winter	Gc,Sc	1	6	Su						S. Africa
3	<i>Malephora lutea</i>	Rocky Point Ice Plant	Yellow	Nearly all year	Gc, P	8	4	Su					sh	S. Africa
1	<i>Mamillaria</i> spp.	Pincushion, Fishhook Cactus	varies by species Cream, Yellow, Red, Pink	Varies by species Spring to Summer	C	0.5	0.5	Su						CD, SD
2	<i>Maytenus phyllanthoides</i>	Mangle Dulce	Green inconspicuous		S	12	12	Su						SD,CD
2	<i>Melampodium leucanthum</i>	Blackfoot Daisy	White	Early Spring to Fall	Gc	2	2	Su			Yes	Yes		SD,CD
2	<i>Merremia aurea</i>	Yellow Morning Glory Vine	Yellow	Summer to Fall	V	25	25	Su					t	SD
2	<i>Mimosa dysocarpa</i>	Velvetpod	Pink, White	Summer	S	6	6	Su		c				SD
3	<i>Mirabilis multiflora</i>	Desert Four O'clock	Hot Pink	Summer to early Fall	Gc,P,V	3	4	Su						U.S.
3	<i>Muhlenbergia capillaris</i>	Regal Mist	Pink	Fall	Gr	3	3	Su						U.S.
3	<i>Muhlenbergia dumosa</i>	Bamboo Muhly	Green dries to tan	Spring to Summer	Gr	6	6	Su		a				SD

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2	Muhlenbergia emersleyi	Bullgrass	Purple dries to tan	Fall	Gr	4	4	Su		a				SD
3	Muhlenbergia lindheimeri	Autumn Glow	Yellow dries to tan	Fall	Gr	5	5	Su		a				TX
1	Muhlenbergia porteri	Bush muhly	Pink	Late Summer to Fall	Gr	2	3	Su		a				SD,CD
2	Muhlenbergia rigens	Deer grass	Tan	Summer to Fall	Gr	4	4	Su		a				SD
3	Muhlenbergia rigida	Purple Muhlenbergia	Purple dries to tan	Late Summer to Fall	Gr	5	3	Su		a				SD
3	Myoporum parvifolium	Purple Myoporum	White	Spring to Summer	Gc	0.5	9	Su						Austr.
3	Myrtus communis & varieties	True Myrtle, Roman Myrtle	White	Spring	S	6	5	Su						Medit.
3	Nandina domestica & varieties	Heavenly Bamboo	White followed by Red berries	Spring	S	6	4	Su						Asia
2	Nassella tenuissima	Mexican Feather Grass	Tan	Fall	Gr	3	1	Su		b				CD
2	Nerium oleander & varieties	Oleander	Pink, White, Red, Salmon	Mid-Spring to Fall	S	4-20	5-12	Su	Yes				sh	Asia
1	Nolina beldingii	Belding's Nolina	White		A	3	6	Wi						Baja
1	Nolina bigelovii	Beargrass	Cream	Summer	A	6	4	Su						SD
1	Nolina lindheimeriana	Lindheimer's Nolina	White		A	3-4	2-3	Su						TX
1	Nolina matapensis	Tree Beargrass	White	Summer	A	25	6	Su						SD
1	Nolina microcarpa	Beargrass	Greenish White	Summer	A	3	6	Su						SD

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1	<i>Nolina nelsoni</i>	Blue Nolina	Green		A	4-5	6-10	Su						Mex.
1	<i>Nolina parryi</i>	Parry's Beargrass			A	5	5	Su						SD
1	<i>Nolina texana</i>	Bear Grass	White	Late Spring	A	3	3	Su						TX, NM
2	<i>Oenothera berlandieri</i> ( <i>speciosa</i> )	Mexican Evening Primrose	Pink	Spring to Fall	Gc, P	1	3	Su, Wi			Yes	Yes	sh	CD, TX, Mex.
2	<i>Oenothera caespitosa</i>	White Evening Primrose, Tufted Evening Primrose	White	Spring	Gc, P	1	3	Wi, Sp						W. U.S.
2	<i>Oenothera stubbei</i>	Chihuahuan Primrose	Yellow	Summer to Fall	Gc, P	1	2	Su, Wi					sh	SD, NE Mex.
2	<i>Olea europaea</i> 'Swan Hill', 'Wilsoni'	Fruitless non-pollinating Olive	White	Spring	T	30	30	Su						Medit.
1	<i>Olneya tesota</i>	Desert Ironwood, Tesota	Lavender-Pink	Late Spring to early Summer	T	30	25	Su					sh	SD, CD
1	<i>Opuntia basilaris</i>	Beavertail Prickly Pear	Hot Pink	Mid Spring	C	2	4	Su						SD
1	<i>Opuntia bigelovii</i>	Teddy Bear Cholla	Green	Early Spring	C	6	3	Su						SD
1	<i>Opuntia engelmannii</i>	Engelmann's Prickly Pear	Orange, Yellow	Spring	C	5	6	Su						SW. U.S., Mex.
1	<i>Opuntia ficus-indica</i>	Indian Fig	Yellow	Spring	C	10- 15	15	Su					sh	Mex.
1	<i>Opuntia microdasys</i>	Rabbit Ears Prickly Pear	Yellow	Spring	C	3	6	Su						
1	<i>Opuntia santa rita tubac</i>	Purple Pancake	Yellow	Spring	C	6	4	Su						AZ cultivar
1	<i>Opuntia turpinii</i>	Pinecone Prickly Pear	Pink	Summer	C	3	1	Su						W. Argentina

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1	<i>Opuntia versicolor</i>	Staghorn Choll	Orange, Red, Yellow	Spring	C	10	6	Su						SD
1	<i>Opuntia violacea macrocentra</i>	Long Spine Prickly Pear	Yellow, Red	Spring to early Summer	C	2	3	Su						SD
1	<i>Opuntia violacea 'Santa Rita'</i>	Santa Rita Prickly Pear	Yellow	Spring	C	4	4	Su						AZ
3	<i>Osteospermum fruticosum</i>	Trailing African Daisy	White, Purple	Winter to Spring	Gc	1	4	Wi		c			sh	Africa
2	<i>Pappophorum mucronulatum</i>	Pappusgrass	White	Spring to early Fall	Gr	3	2	Su		a				SD
2	<i>Parkinsonia praecox</i> (Cercidium)	Palo Brea	Yellow	Spring	T	30	25	Su		b			sh	SD
2	<i>Parkinsonia florida</i> (Cercidium floridum)	Blue Palo Verde	Yellow	Early Spring	T	30	30	Su		b	Yes	Yes		SD
2	<i>Parkinsonia</i> hybrid "Desert Museum"	Desert Museum Palo Verde	Yellow	Spring to Summer	T	30	30	Su		b				SD,CD
1	<i>Parkinsonia microphylla</i> (Cercidium microphyllum)	Littleleaf or Foothill Palo Verde	Yellow	Late Spring	T	20	20	Su		b				SD
1	<i>Parkinsonia x sonorae</i> (Cercidium)	Sonoran Palo Verde	Yellow	Spring	T	20	20	Su		b				SD
2	<i>Passiflora foetida</i>	Passion Flower	White, Purple	Summer	V	10	10	Su			Yes	Yes	sh	SD
1	<i>Pedilanthus macrocarpus</i>	Slipper Flower, Lady's Slipper, Candelilla	Red-Pink	Spring and Fall	A,Sc	3	3	Su	Yes					SD
2	<i>Pennisetum setaceum</i> 'Cupreum'	Purple Fountain Grass	Pink, Purple	Summer	Gr	4	5	Su		b				Africa
2	<i>Penstemon ambiguus</i>	Pink Plains Penstemon	Pink	Summer	P	3	3	Su						W. U.S.
3	<i>Penstemon amphorellae</i>		Blue	Late Spring	P	1	2	Su						Central Mex.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
3	<i>Penstemon baccharifolius</i>	Cutleaf Penstemon	Red-Rose	Summer	P	2	3	Su						CD
3	<i>Penstemon barbatus</i>	Beardtongue Penstemon	Red	Summer to early Fall	P	1	1	Wi						SD,CD
3	<i>Penstemon cardinalis</i>	Cardinal Penstemon	Red	Spring, Summer	P	1	1-2	Wi						TX
3	<i>Penstemon cobaea</i>	Foxglove Penstemon	White-lavender	Spring	P	1	1	Wi						TX?
3	<i>Penstemon eatoni</i>	Firecracker Penstemon	Red	Late Winter to Early Spring	P	1	1	Wi						SD
3	<i>Penstemon fendleri</i>	Fendler Penstemon	Violet	Spring through Summer	P	1	1	Wi						OK, AZ, NM
3	<i>Penstemon grandiflorus</i>	Large Fendler Penstemon	Lavender	Early Summer	P	1	1	Wi						TX
3	<i>Penstemon palmeri</i>	Palmer Penstemon	White, Pink	Spring through Summer	P	2	2	Wi						SW U.S.
3	<i>Penstemon parryi</i>	Parry Penstemon	Pink, Red	Early Spring	P	1	1	Wi			Yes	Yes		SD
3	<i>Penstemon pinifolius</i>	Pineleaf Penstemon	Red, Orange	Summer	P	1	2	Su						No. AZ, UT
3	<i>Penstemon pseudospectabilis</i>	Canyon Penstemon, Mohave Beardtongue	Rose-purple	Spring to mid-Summer	P	1	1	Wi						SD
3	<i>Penstemon spectabilis</i>	Mojave Penstemon, Royal Penstemon	Blue-purple	Spring to mid-Summer	P	1	1	Wi						CA, N. Baja Mex.
3	<i>Penstemon strictus</i>	Rocky Mountain Penstemon	Blue	Early Summer	P	1	1	Su						W. U.S.
	<i>Penstemon subulatus</i>	Little Beardtongue	Red	Spring	P	1	1	Wi						SD
3	<i>Penstemon superbus</i>	Superb Penstemon, Santa Rita Penstemon	Coral-red	Spring	P	2	2	Wi						CD, SD, N.M.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
3	<i>Penstemon triflorus</i>	Hill Country Penstemon	Rose	Early Spring	P	1	1	Wi						TX
3	<i>Penstemon wrightii</i>	Texas Rose, Wright's Penstemon	Orange- Pink	Spring to Summer	P	1	1	Wi						TX
1	<i>Pentzia incana</i>	Karoo Bush	Yellow	Spring to Summer	Gc	1	3	Su			Yes	Yes		S. Africa
2	<i>Phacelia campanularia</i>	Desert Bluebells, Desert Canterbury Bells	Blue	Early Spring	An	1	1	Wi						SD
2	<i>Phacelia tanacetifolia</i>	Tansy Phacelia	Blue, Purple	Early Spring	An	1	1	Wi						N. Calif., N. Baja
2	<i>Phoenix canariensis</i>	Canary Island Date Palm	Cream, White	Summer	T	60	30	Su		c				Canary Islands
2	<i>Phoenix dactylifera</i>	Date Palm	insignificant	Summer	T	100	20	Su		c				Asia
3	<i>Phyla nodiflora</i>	Lippia	White	Summer	Gc	.125	0.5	Su					sh	Trop. America
2	<i>Pinus edulis</i>	Piñon Nut Pine	insignificant		T	25	15	Su		c				NM, Calif, AZ
2	<i>Pinus eldarica</i>	Afghan Pine	insignificant		T	50	25	Su		c				Asia
2	<i>Pinus halepensis</i>	Aleppo Pine	insignificant		T	80	60	Su		c				Medit.
2	<i>Pinus monophylla</i>	Singleleaf Piñon Pine	insignificant		T	25	15	Su		c				Mojave D, N. AZ
2	<i>Pinus pinea</i>	Italian Stone Pine	insignificant		T	60	50	Su		c				Medit.
3	<i>Pinus roxburghii</i>	Chir Pine	insignificant		T	80	40	Su		c				Asia
2	<i>Pistacia atlantica</i>	Mt. Atlas Pistache	insignificant greenish white	Early Summer	T	60	50	Su		c				Medit.



WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
3	<i>Pistacia atlantica</i> x <i>integerrima</i>	Pistache hybrid tereb. x <i>integerrima</i>			T	30	30	Su		c			t	Medit. x Asia
3	<i>Pistacia chinensis</i>	Chinese Pistache	Green (Red leaves) Fall color		T	60	50	Su		c				Asia
2	<i>Pistacia vera</i>	Pistachio			T	30	30	Su		c			t	Asia
2	<i>Pittosporum phillyraeoides</i>	Willow Pittosporum	Yellow	Spring	T	20	15	Su						Austr.
3	<i>Pittosporum tobira</i> & cultivars	Mock Orange	White		S	6	10	Su						Asia
1	<i>Plantago</i> spp.	Indian Wheat	Cream, White	Spring	An	.25-2	0.5	Wi						SD,CD
3	<i>Poliomintha maderensis</i>	Lavendar Spice	Lavender	Spring through Summer	S	2	2	Su						CD
3	<i>Portulacaria afra</i>	Elephant Food	Pink inconspicuous	rarely blooms in U.S.	Sc	12	12	Su, Wi					t	S. Africa
2	<i>Prosopis</i> hybrid	South American Mesquite	Light Yellow	Spring	T	40	40	Su		b				S. Amer.
2	<i>Prosopis glandulosa</i> & varieties	Texas Honey Mesquite	Creamy Yellow	Spring	T	30	30	Su		b				CD
2	<i>Prosopis pubescens</i>	Screwbean Mesquite	Yellow	Spring	T	20	20	Su		b				SD,CD
2	<i>Prosopis velutina</i> ( <i>juliflora</i> )	Velvet Mesquite	Yellow	Spring	T	30	30	Su		b				SD
1	<i>Psilostrophe cooperi</i>	Paper Flower	Yellow	Spring and Summer	P	2	2	Wi						SD,CD
1	<i>Psilostrophe tagetina</i>	Paper Flower	Yellow	Spring and Summer	P	2	2	Wi						SD,CD
3	<i>Punica granatum</i> & varieties	Pomegranate	Dark Orange, Red	Summer	T,S	20	15	Su						India

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
3	Pyracantha & varieties	Pyracantha (red berried types)	White followed by Red berries	Spring	S	20	12	Su						Asia
3	Quercus arizonica	Arizona White Oak	Green inconspicuous		T	60	30	Su		b				SD,CD
3	Quercus buckleyi (Q texana)	Texas Red Oak	Green inconspicuous; Red Fall Color		T	30	30	Su		b				W. TX
3	Quercus emoryi	Emory Oak	Green inconspicuous		T	50	40	Su		b				SD,CD
3	Quercus fusiformis	Escarpment Live Oak	Green inconspicuous		T	50	50	Su		b				W. TX
3	Quercus gambelii	Gambel Oak	Green inconspicuous		T,S	30	15	Su		b				SW U.S.
3	Quercus ilex	Holly Oak	Green inconspicuous		T	50	50	Su		b				Medit.
3	Quercus muhlenbergia	Chinquapin Oak	Green inconspicuous, Orange and		T	30	30	Su		b				W. TX
3	Quercus polymorpha	Monterey Oak	Green inconspicuous		T	80	60	Su		b				W. TX
3	Quercus suber	Cork Oak	Green inconspicuous		T	60	40	Su		b				Medit.
2	Quercus turbinella	Shrub Live Oak	Green inconspicuous		S	10	10	Su		b				W. U.S.
3	Quercus virginiana	Live Oak	Green inconspicuous		T	50	50	Su		b				SE U.S.
2	Rhus microphylla	Littleleaf Sumac	White, Red Fall Color	Spring before leaves	S	10	10	Su	Yes	c				CD, SD
2	Rhus ovata	Sugar Bush, Sugar Sumac	Pink & White followed by small red fruit	Spring	S	15	15	Wi	Yes	c				Calif., AZ
2	Rhus trilobata & varieties	Three Leaf Sumac, Skunk, Bush	inconspicuous, small red fruit, Fall color	Spring	S	5	8-10	Su		c				Can., U.S., Mex.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	Rhus virens	Evergreen Sumac	White followed by showy berries	Spring	S	12	12	Su	Yes	c				CD, SD
3	Rosa banksiae	Lady Banks Rose, Tombstone Rose	White, Yellow	Spring	S,Gc,V	20	20	Su						China
2	Rosmarinus officinalis & varieties	Rosemary	Blue	Spring and Fall	S	3	8	Su						Medit.
3	Ruellia brittoniana & varieties	Dwarf Ruellia	Blue, White	Throughout warm season	Gc	6	12	Su					sh	Mex.
2	Ruellia californica	Sonoran Desert Ruellia	Blue, Purple	Late Spring to Fall	S	4	4	Su					sh	SD
2	Ruellia peninsularis	Baja Ruellia	Blue, purple	Spring to Summer	S	4	4	Su					sh	SD
2	Ruschia uncinatus	Ruschia	Pink	Summer	Gc,Sc	1.5	1.5	Su						S. Africa
2	Salvia chamaedryoides	Blue Chihuahuan Sage	Cobalt blue	Spring and Fall	S	2	2	Su						CD
2	Salvia clevelandii	Cleveland Sage	Blue	Late Spring to Summer	S	5	5	Wi						S. CA, Baja
3	Salvia columbariae	Chia	Blue	Spring	An	.5	.25	Wi						SD
2	Salvia dorri v. dorrii	Mojave Sage	Blue-violet	Late Winter and Spring	S	2	2	Wi						MD
3	Salvia farinacea	Mealy Cup Sage, Texas Violet	Violet, Blue, White	Spring to early Fall	S	1	1	Su						CD
3	Salvia greggii	Red Chihuahuan Sage, Autumn Sage	Red, Hot Pink, Purple, White	Spring to Summer	S	3	3	Su						CD
2	Salvia hybrid (S.dorrii x S.clevelandii x S.mojavensis)	Trident, Carl Nielson Sage	Cobalt Blue	Spring	S	3	3	Wi						SD hybrid
3	Salvia leucantha	Purple Mexican Bush Sage	Purple	Spring to Fall	S	4	4	Su					sh	Mex.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	<i>Salvia mohavensis</i>	Mohave Sage	Lavender	Spring to mid-Summer	S	3	3	Wi						SD, MD
3	<i>Sambucus nigra</i> spp. <i>Cerulea</i> ( <i>S.mexicana</i> )	Mexican Elderberry	Creamy White	Winter and Spring	T	30	20	Wi						SD,CD
2	<i>Santolina chamaecyparissus</i>	Lavender Cotton	Yellow/ silvery foliage	Spring	S,Gc	2	3	Wi						Medit.
3	<i>Santolina virens</i>	Green Santolina	Creamy Yellow	Spring	S,Gc	2	2	Wi						Medit.
3	<i>Sapindus saponaria saponaria</i>	Soapberry	Creamy White	Late Spring	T	30	30	Su	Yes				sh	Mex.
2	<i>Sapindus saponaria drummondii</i>	Soapberry	Creamy White	Late Spring	T	30	30	Su	Yes					SD,CD
3	<i>Schinus molle</i>	California Pepper Tree	Yellow-white (insignificant)	Summer	T	40	45	Su		b				S. Amer.
2	<i>Senecio cineraria</i>	Dusty Miller, Silver Plant	Yellow/silvery foliage	Spring	P	2	2	Wi	Yes					Medit.
1	<i>Senna covesii</i> (Cassia)	Desert Senna	Yellow	Late Spring to early Fall	P	1	1	Su						SD
2	<i>Senna lindheimeriana</i> (Cassia)	Senna	Yellow	Summer to Fall	S	3	2	Wi					sh	CD
1	<i>Senna purpurea</i> (Cassia)	Baja Senna	Yellow	Winter to Spring	S	6	5	Wi					sh	Baja
2	<i>Senna wislizenii</i> (Cassia)	Cassia, Shrubby Senna	Yellow	Summer	S	8	8	Su						SD,CD
2	<i>Sesuvium verrucosum</i>	Sea Purslane, Ice Plant	Pink	Early Spring to Fall	Gc	0.5	3	Su					t	Africa
1	<i>Simmondsia chinensis</i> & varieties	Jobba, Goat Nut	Green inconspicuous	Spring	S	8	8	Wi		a				SD
2	<i>Sophora secundiflora</i> & varieties	Texas Mountain Laurel	Purple to Lavender	Spring	T,S	25	15	Su	Yes					CD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	Sphaeralcea ambigua & varieties	Globe Mallow	Orange, White, Red, Purple, Lavender	Early Spring and Fall	P	3	3	Wi						SD
1	Sporobolus airoides	Alkali Sacaton	White	Summer	Gr	5	3	Su		a				SD,CD
1	Sporobolus contractus	Spike Dropseed	White	Summer to Fall	Gr	3	1	Su		a				SD,CD
3	Sporobolus cryptandrus	Sand Dropseed	White		Gr	2	1	Su		a				SD,CD
2	Sporobolus flexuosus	Mesa Dropseed	White	Summer to early Fall	Gr	3	1	Su		a				SD,CD
3	Sporobolus wrightii	Big Sacaton	Green	Late Summer to Fall	Gr	5	4	Su		a				SD,CD
1	Stenocereus thurberi (Lemaireocereus)	Organ Pipe Cactus	White, Purple	Summer	C	15	12	Su					t	SD
1	Stenocereus marginatus (pachycereus)	Mexican Fence Post	Pink or Red outside- whitish inside	Mid-Spring	A, C	12	1	Su					sh	Mex.
3	Tagetes lemmoni	Mountain Marigold	Orange, Yellow	Spring and Fall	P	3	6	Su						SD
2	Tecoma stans v. angustata	AZ Yellow Bells	Yellow	Late Spring to Fall	S	10	8	Su					sh	SD,CD
3	Tecomaria capensis	Cape Honeysuckle	Orange	Late Fall to Winter	S,V	8	6	Su					sh	Africa
2	Tetraneuris acaulis (Hymenoxys)	Angelita Daisy	Yellow	All Year, heaviest in Spring	P	1	1	Su						SW U.S.
2	Teucrium chamaedrys (prostratum)	Prostrate Germander	Lavender	Spring and Summer	Gc	1	2	Su	Yes					Medit.
2	Teucrium fruticans	Bush Germander	Blue or Lavender	Spring to Fall	S	8	8	Su						Medit.
2	Thymophylla pentachaeta (Dyssodia)	Golden Dyssodia, Golden Fleece	Yellow	Late Spring to Fall	Gc	0.5	0.5	Su, Wi						SD,CD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	Thymophylla acerosa (Dyssodia)	Scrubby Dogweed	Yellow	Late Spring to early Fall	Gc	.5	.5	Su						SD,CD
2	Trichloris crinita	Two-feather Trichloris	White dries to Tan - reddish highlights	Late Spring to Fall	Gr	3	1	Su		a				SD,CD
2	Trichocereus & varieties	Trichocereus Cactus	White, Yellow, Orange, Red	Varies by variety Spring, Summer, Fall	C	1-15	1-5	Su						S. Amer., Argentina
2	Tridens muticus	Slim Tridens	White	Spring to Fall	Gr	1.5	0.5	Su		b				SD,CD
2	Trixis californica	Trixis	Yellow	Spring	S	3.5	3.5	Su					sh	CA to TX
3	Ungnadia speciosa	Mexican Buckeye	Rose-pink	Spring	T	12	12	Su						CD
2	Vauquelinia californica & varieties	Arizona Rosewood	White	Spring to Summer	T,S	25	15	Su						SD
2	Vauquelinia corymbosa & varieties	Mexican Rosewood	White inconspicuous	Spring	S	15	20	Su						TX, Mex.
3	Verbena peruviana	Peruvian Verbena	Pink, Blue, Purple	Spring to Fall	P	0.2	3	Su						S. Amer.
3	Verbena rigida	Sandpaper Verbena	Purple	Summer to Fall	Gc,P	2	4	Su				Yes		S. Amer.
3	Verbena tenuisecta 'Edith'	Moss Verbena	Lavender, Purple	Spring	Gc P	1-2	4-5	Su, Wi				Yes		S. Amer.
2	Verbesina encelioides	Crown Beard	Yellow	Spring	An	3	3	Wi				Yes		SD,CD
2	Viguiera parishii (V deltoidea)	Goldeneye	Yellow	Spring, Late Summer	P	3	3	Wi, Su						SD
3	Viguiera stenoloba	Skeleton-leaf Goldeneye	Yellow	Summer to Fall	S	4-6	3-4	Su					sh	TX, NM, No. Mex.
2	Vitex agnus-castus	Chaste Tree, Monk's Pepper	Blue	Summer to Fall	T,S	25	25	Su						Medit.



WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	<i>Washingtonia filifera</i>	California Fan Palm	Cream	Summer	T	45	15	Su		c		Yes		SD
2	<i>Washingtonia robusta</i>	Mexican Fan Palm	Cream	Summer	T	75	10	Su		c		Yes	sh	SD
3	<i>Wedelia texana</i> and cultivars ( <i>Zexmenia hispida</i> )	Rough Zexmenia, Devil's River	Orange, Yellow	Spring through Fall	S	2-3	2-4	Su				Yes	sh	SW U.S., TX
3	<i>Xylosma congestum</i>	Xylosma	insignificant	Spring	T,S	15	15	Su						China
2	<i>Yucca aloifolia</i>	Spanish Bayonet Yucca	White	Spring to Summer	A	10	5	Su						SD
1	<i>Yucca baccata</i>	Banana Yucca	White	Late Spring to Summer	A	3	5	Su						SD,CD
2	<i>Yucca baileyi</i>		White	Summer	A	4	2	Su						CO, UT
1	<i>Yucca brevifolia</i>	Joshua Tree	White, Green	Late Winter to early Spring	A	20	20	Wi						S. Calif, S.W. Utah
2	<i>Yucca constricta</i>	Buckley Yucca	White	Spring through Summer	A	5	5	Su						TX
2	<i>Yucca elata</i>	Soaptree Yucca	White	Late Spring to Summer	A	20	8	Su						SD,CD
2	<i>Yucca faxoniana</i> ( <i>Y carnerosana</i> )	Giant Dagger Yucca	White	Summer	A	15	4	Su						CD
2	<i>Yucca filifera</i> ( <i>australis</i> )	St. Peter's Palm	White		A	2.5	4	Su						Mex.
2	<i>Yucca glauca</i>	Soapweed Yucca	White	Summer	A	3	3	Su						U.S.
2	<i>Yucca harrimaniae</i>	Harriman's Yucca	White	Mid-Summer	A	6-22	18	Su						SW U.S.
2	<i>Yucca pallida</i>	Paleleaf yucca	White	Late Spring	A	2	2	Su						TX

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	HARDY	ORIGIN
2	<i>Yucca rigida</i>	Mexican Blue Dagger Yucca	White	Summer	A	12	5	Su						CD
2	<i>Yucca rostrata</i>	Beaked Yucca	White	Summer	A	12	9	Su						CD
2	<i>Yucca schidigera</i>	Mojave Yucca	White	Spring	A	9-15	4-6	Su						W. U.S., Mex.
2	<i>Yucca schottii</i>	Mountain Yucca	White	Early Summer	A	15	4	Su						SD
2	<i>Yucca thompsoniana</i>	Thompson Yucca	White	Early Summer	A	10	5	Su						SW TX
2	<i>Yucca torreyi</i>	Torrey's Yucca	White	Spring	A	8-15	6	Su						TX, NM, No. Mex.
1	<i>Yucca treculeana</i>	Spanish Dagger, Palma Pita	White	Spring	A	20	?	Su						CD, W. TX
1	<i>Yucca whipplei</i>	Our Lord's Candle	White & Purple	Once (Early-Spring)	A	3	6	Su						SD
3	<i>Zauschneria californica</i> & varieties	Hummingbird Trumpet	Red, Orange	Summer and Fall	Gc	2	2	Su						SD
3	<i>Zephyranthes</i> spp. & varieties	Rain Lily	varies by species- White, Rose, Pink	Summer	Gc,P	1	1.5	Su						S. Africa
1	<i>Zinnia acerosa</i>	Desert Zinnia	White-orange centers	Late Spring to Fall	P	1	1	Su						SD,CD
2	<i>Zinnia grandiflora</i>	Prairie Zinnia	Yellow, Orange	Summer to Fall	P	1	1	Su						SE. AZ, NM
2	<i>Zizyphus jujuba</i>	Chinese Date, Common Jujube	Yellow-white	Spring	T	40	30	Su				Yes		Asia

# Drop Your Water Use!

*Low Water Use/Drought Tolerant Plant List  
sorted alphabetically by water use number*



Photos - Christina Bickelmann© 2007

**Arizona Department of Water Resources,  
Tucson Active Management Area**

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Tucson, AZ 85701**

**(520) 770-3800  
[www.azwater.gov/tama](http://www.azwater.gov/tama)**

# DROP YOUR WATER USE!

## **Tucson is Educating Consumers to Drop their Water Use . . .**

The Tucson office of the Arizona Department of Water Resources (ADWR) has developed a new pilot program, **Drop Your Water Use**, to educate retail nursery customers on how to plan and maintain a healthy and water efficient landscape.

The program is a voluntary collaboration between ADWR and local nurseries that uses a simple water drop system to identify plants with similar water requirements. Plants are labeled one through three, distinguished with corresponding water drops and numbers.

All of the labeled plants are Xeriscape plants currently on the Tucson AMA -Low Water Use/ Drought Tolerant plant list. The one through three numbering system correlates with the plant list.

 A “number one” indicates very low water use  
mostly native Sonoran and Chihuahuan desert plants,

 Two is low water use,

 Three is moderate water use.

By choosing plants with the same number a gardener can more successfully group plants by water needs.

Although the plants are all low-water-using, the frequency that they need to be irrigated varies from approximately once a week to once a month after the plants are established (in about 2-3 years). ADWR hopes that consumers will use separate valves on their irrigation system to water each zone and irrigate trees separately, enabling them to manage their irrigation water use more efficiently.

To date, fourteen Tucson retail nurseries and all six Tucson area Home Depot's have signed up for the program. ADWR is working with other nurseries to encourage them to participate. Wholesale nurseries in Phoenix and Tucson are also participating in the program by adding water drop symbols to the labels on plants to be sold in Tucson.

Retail nurseries that participate receive free posters, water drop stickers for their signage and handouts for their customers explaining the program and watering guidelines. In addition all participating nurseries will be listed on the ADWR website and will be promoted in press releases and at community events.

Anyone interested in more information or Tucson nurseries that would like to sign up for the program should contact Christina Bickelmann, Water Conservation Specialist for the Tucson ADWR office @ (520) 770-3816 or email: [clbickelmann@azwater.gov](mailto:clbickelmann@azwater.gov).



# LOW WATER USE/DROUGHT TOLERANT PLANT LIST

## OFFICIAL REGULATORY LIST FOR:

**Arizona Department of Water Resources - Tucson Active Management Area**  
Pima County, City of Tucson, Town of Oro Valley,  
Town of Marana, Town of Sahuarita

This official regulatory list was developed to guide the regulated community in choosing low water-use and drought tolerant plants for landscaping. Landscaping planted after January 1, 1987 within publicly owned rights-of-way and irrigated with groundwater may be planted only with plants listed on the ADWR Low Water Use/ Drought Tolerant Plant List for the Tucson AMA. 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. Many local jurisdictions have adopted this list for regulatory purposes; contact your local jurisdiction for their landscape requirements.

This list can also be used as a resource for residents and businesses that are interested in conserving water. The list provides a wide array of plants to accomplish a variety of low water-use landscape designs.

The plants on this list can be grown in the Tucson area with very low to moderate supplemental irrigation once they are established. Supplemental irrigation should be of sufficient quantity to saturate the plant's root zone. All plants listed can grow with less water than traditional high water-use landscape plants and do not require more than the ADWR regulations for low water-use plants in the Tucson AMA, a maximum of 18 inches of supplemental irrigation on an annual basis, not including rainfall. In addition to water requirements, other suitability factors (e.g. highly invasive, cold hardiness, etc.) may be considered to determine acceptability of individual plants for addition to the list.

**Note regarding Native plants:** plants may be available at local nurseries, botanical gardens or from cactus and succulent plant rescue groups. Any person moving a protected native plant in Arizona and transplanting it to another location shall apply to the Arizona Department of Agriculture for a Movement Permit. [www.azda.gov/rules/R3-3-1107.htm](http://www.azda.gov/rules/R3-3-1107.htm).

**Applications for additions, deletions or exceptions:** to this list may be submitted to the Department of Water Resources, Tucson Active Management Area Office for consideration. Phone: (520) 770-3800. The list and application forms may be downloaded from the ADWR website at [www.azwater.gov/TAMA](http://www.azwater.gov/TAMA).

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

## Key to symbols:

### Water use (WU)

- 1 – Very low, irrigate every 3-6 weeks during the growing season after establishment
- 2 – Low, irrigate every 2-4 weeks during the growing season after establishment
- 3 – Moderate, irrigate 1-3 weeks during the growing season after establishment

**Irrigation:** most plants require regular irrigation during the first 2- 3 year establishment period. Plants should be watered to their root depth. Mature trees should be watered to a depth of 24"-36"; Shrubs 18" - 24"; Groundcovers and Vines 8"-12". Winter growers will require less frequent irrigation due to the cooler temperatures.

\* **Average annual rainfall for Tucson is 11"-12"; in low rainfall years the plants on the list may need additional irrigation to maintain good appearance and plant health.**

### Growing Season (GS):

Wi winter – apply water September through March; less frequently in off season  
Su summer – apply water March through September; less frequently in off season

### Plant Type (PT):

A	accent plant	S	shrub	Includes annotations for fall color,
berries				
C	cactus	Scsucculent		
Gc	groundcover	T	tree	H: Mature plant height measured in feet
Gr	ornamental grass	V	vine	W: Mature canopy size measured in feet
An	annual	P	perennial	

### Allergenicity (AL):

- a strongly allergenic
  - b moderately allergenic
  - c weakly allergenic
- Cold Hardiness:** if plants do not suffer any damage at 25° F or below they are considered cold hardy in our region. Approximate freezing temperatures are provided in degrees Fahrenheit.

Note: the timing of the freeze, duration of the freeze, the temperatures the next day and the second night temperatures will affect how severely damaged the plant will be.

Allergenicity of the plants was classified with the help and advice of Michael J. Schumacher, M.D., Professor, Dept. of Pediatrics and Head, Allergy-Immunology Section, Univ. of Arizona Health Sciences Center and Mark R. Sneller, Ph.D., Office of Pollen and Mold Control, Pima County Health Dept.

### Native Plants are listed under Origin using the following symbols:

- CD Chihuahuan Desert- includes north central and NW Mexico, SW Texas, southern New Mexico and extreme SE Arizona  
SD Sonoran Desert – includes arid and semi-arid areas of NW Mexico, SE California and most of Arizona south of the Mogollon Rim

Note: Chihuahuan and Sonoran Desert Regions annotated by Matt Johnson, Native Plant Society.

### Special Considerations:

**Toxic:** may be harmful if eaten. Call Arizona Poison Control Center at 626-6016

**Invasive (INV):** may spread and intrude into natural areas

**Spreads in Cultivated Areas (SCA):** may spread by seed or sucker in urban or cultivated areas, and in disturbed soils

**Low Water Use Drought Tolerant Plant List - Tucson Active Management Area**

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
1	Acacia constricta	Whitethorn, Mescat Acacia	Yellow	Spring to Summer	T,S	20	20	Su		c	Yes	Yes	5	SD,CD
1	Acacia crasspedocarpa	Waxleaf Acacia	Yellow	Spring to Summer	T,S	15	15	Su		c			15	Austr.
1	Acacia greggii	Catclaw Acacia	Creamy Yellow	Spring to Summer	T,S	15	20	Su		c	Yes	Yes	0	SD,CD
1	Agave americana & varieties	Century Plant	Yellow	Once (Summer)	A,Sc	7	8	Su					20	CD
1	Aloe barbadensis	Aloe Vera, Medicinal Aloe	Yellow, Orange, Red	Late Winter to Summer	Sc	2	2	Wi					25	Africa
1	Aloe saponaria	Tiger Aloe, Mediterranean Aloe	Yellow, Orange, Red	Winter to Spring	Sc	1	1	Wi					15	Africa
1	Ambrosia deltoidea (Franseria)	Triangle-leaf Bursage	inconspicuous	Mid-Winter to mid-Spring	S	2	2	Wi		a			22	SD
1	Ambrosia dumosa (Franseria)	White Bursage	inconspicuous	Mid-Winter to mid-Spring	S	2	2	Wi		a			22	SD
1	Asclepias subulata	Desert Milkweed	Pale Yellow, White	Late-Spring to Fall	P	3	3	Su	Yes				20	SD
1	Aster bigelovii	Purple Aster	Blue	Late-Summer to early Fall	An	1-3	.5	Su					0	SD
1	Aster tanacetifolius	Purple Aster	Purple	Summer to Fall	An	1.5	.5	Su					0	SD,CD
1	Atriplex canescens	Four-Wing Saltbush	inconspicuous	Spring to Fall	S	4	8	Su		a			15	SD,CD
1	Atriplex nummularia	Old Man Saltbush	inconspicuous		S	9	15	Su		a			15	Austr.
1	Atriplex polycarpa	Desert Saltbush	inconspicuous		S	3	6	Su		a			0	SD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
1	Bahia absinthifolia	Desert Daisy	Yellow	Spring to Fall	P	1	.5	Wi					15	SD
1	Baileya multiradiata	Desert Marigold	Yellow	Spring through Fall	P	1	1	Wi	Yes				10	SD,CD
1	Buddleia marrubifolia	Wooly Butterfly Bush	Orange	Spring and Summer	S	5	5	Su					15	CD
1	Calliandra eriophylla	Fairy Duster, False Mesquite	Pink	Spring	S	3	4	Su					10	SD
1	Carnegiea gigantea	Saguaro	White	Early Summer	C	50	25	Su					15	SD
1	Celtis pallida	Spiny or Desert Hackberry	Greenish-yellow	Spring	S	16	10	Su		a			17	SD,CD
1	Cereus hildmannianus (C.peruvianus)	Peruvian Cereus, Hedge Cactus	White	Night blooming in Summer	C	20	10	Su					25	S. Amer.
1	Condalia warnockii v. kearneyana	Condalia, Mexican Pincushion	White	Early Spring	S	6	5	Su					10-15	SD,CD
1	Cylindropuntia bigelovii (Opuntia)	Teddy Bear Cholla	Green	Early Spring	C	6	3	Su					15	SD
1	Cylindropuntia versicolor (Opuntia)	Staghorn Cholla	Orange, Red, Yellow	Spring	C	10	6	Su					20	SD
1	Echinocactus grusonii	Golden Barrel	Yellow	Summer	C	3	2	Su					10	Mex.
1	Echinocereus spp.	Hedgehog, Rainbow Cactus	varies by species, Red, Yellow, Pink, Purple	Spring	C	2	2	Su					5-10	CD,SD
1	Echinopsis spp. & varieties	Easter Lily, Sea Urchin Cactus	Pink (various)	Spring to Summer	C	2	2	Su					20	S. Amer.
1	Encelia californica	California Brittlebush (green)	Yellow	Winter to Spring	S	4	4	Wi		c			15	So. Calif.
1	Encelia farinosa	Brittlebush	Yellow	Early Spring	S	3	3	Wi		c			15	SD



WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
1	<i>Ephedra nevadensis</i>	Ephedra, Morman Tea	Green inconspicuous	Spring	S	5	4	Su	Yes				0	SD
1	<i>Eremophila decipiens</i>	Emu Bush	Dark red	Winter to Spring	S	5	5	Su					17	Austr.
1	<i>Erioneuron pulchellum</i>	Fluffgrass	White	Summer and Fall	Gr	.5	.5	Su		a			6-12	SD,CD
1	<i>Euphorbia antisyphilitica</i>	Wax Plant, Candelilla	Creamy White - Red centers	Spring and mid Summer	S	3	3	Su					17	CD
1	<i>Ferocactus</i> spp.	Barrel Cactus	varies by species- Yellow, Red, Orange, Purple	Varies Winter through early Fall	C	5	1.5	Su					0-20	SD,CD
1	<i>Fouquieria columnaris</i>	Boojum	White	Late Summer to early Fall	T,A	75	1	Wi					25	Baja
1	<i>Fouquieria macdougalii</i>	Mexican Tree Ocotillo	Red	Spring	S,A	6	4	Su					25	SD
1	<i>Fouquieria splendens</i>	Ocotillo	Red	Mid-Spring	A	15	8	Su					10	SD,CD
1	<i>Geoffroea (Gourleia) decorticans</i>	Chilean Palo Verde	Yellow	Spring	T	20	15	Su					15	S. Amer.
1	<i>Glandularia gooddingii</i> (Verbena)	Goodding Verbena	Lavender, Pink	Spring	P	1.5	3	Wi, Sp					10	SD
1	<i>Gutierrezia sarothrae</i>	Snakeweed	Yellow	Early Fall	S,P	2	2	Su				Yes	-38	W. U.S., CAN, Mex.
1	<i>Hyptis albida</i> (emoryii)	Desert Lavender	Purple	Spring through Fall	S	8	8	Su					25	SD
1	<i>Jatropha cardiophylla</i>	Limberbush	inconspicuous White	Summer	S	3	4	Su					20	SD
1	<i>Jatropha dioica</i>	Jatropha	inconspicuous	Summer	S	3	3	Su					15	CD
1	<i>Larrea tridentata</i> (divaricata)	Creosote Bush, Greasewood	Yellow	Early Spring to Fall	S	8	8	Su					5	SD,CD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
1	Lophocereus schottii	Senita	Pink	Spring to Summer	A, C	15	10	Su					0	SD
1	Lophocereus schottii, ssp. Monstrosus	Totem Pole Cactus	Pink	Spring to Summer	A, C	10	8	Su					0	Baja
1	Lupinus arizonicus	Lupine	Purple	Winter to Spring	An	1	1	Wi					28	SD
1	Lupinus sparsiflorus	Desert Lupine	Purple	Late Winter to Spring	An	1	1	Wi					28	SD
1	Lupinus succulentus	Arroyo Lupine	Deep Blue	Spring	An	2	1	Wi					25	SD
1	Lycium exsertum	Thornbush	White-Purple followed by Red berries	Spring	S	8	8	Su					10	SD
1	Lycium fremontii	Wolfberry, Tomatillo	White-Lavender followed by Red berries	Spring	S	10	8	Su					20	SD
1	Maireana sedifolia	Pearl Bluebush	Tan inconspicuous		S	2	3						25	Austr.
1	Mamillaria spp.	Pincushion, Fishhook Cactus	varies by species Cream, Yellow, Red, Pink	Varies by species Spring to Summer	C	0.5	0.5	Su					15	CD, SD
1	Muhlenbergia porteri	Bush muhly	Pink	Late Summer to Fall	Gr	2	3	Su		a			-25	SD,CD
1	Nolina beldingii	Belding's Nolina	White		A	3	6	Wi					15	Baja
1	Nolina bigelovii	Beargrass	Cream	Summer	A	6	4	Su					0	SD
1	Nolina lindheimeriana	Lindheimer's Nolina	White		A	3-4	2-3	Su					-20	TX
1	Nolina matapensis	Tree Beargrass	White	Summer	A	25	6	Su					15	SD
1	Nolina microcarpa	Beargrass	Greenish White	Summer	A	3	6	Su					0	SD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
1	<i>Nolina nelsoni</i>	Blue Nolina	Green		A	4-5	6-10	Su					0	Mex.
1	<i>Nolina parryi</i>	Parry's Beargrass			A	5	5	Su					10	SD
1	<i>Nolina texana</i>	Bear Grass	White	Late Spring	A	3	3	Su					0	TX, NM
1	<i>Olneya tesota</i>	Desert Ironwood, Tesota	Lavender-Pink	Late Spring to early Summer	T	30	25	Su					15	SD,CD
1	<i>Opuntia basilaris</i>	Beavertail Prickly Pear	Hot Pink	Mid Spring	C	2	4	Su					15	SD
1	<i>Opuntia engelmannii</i>	Engelmann's Prickly Pear	Orange, Yellow	Spring	C	5	6	Su					10	SW. U.S., Mex.
1	<i>Opuntia ficus-indica</i>	Indian Fig	Yellow	Spring	C	10-15	15	Su					15	Mex.
1	<i>Opuntia macrocentra violacea</i>	Black Spine Prickly Pear	Yellow, Red	Spring to early Summer	C	2	3	Su					15	SD
1	<i>Opuntia microdasys</i>	Bunny Ears Prickly Pear	Yellow	Spring	C	3	6	Su					20	
1	<i>Opuntia santa rita</i> 'Tubac'	Purple Pancake	Yellow	Spring	C	6	4	Su					10	AZ cultivar
1	<i>Opuntia turpinii</i>	Pinecone Prickly Pear	Pink	Summer	C	3	1	Su					15	W. Argentina
1	<i>Opuntia violacea</i> 'Santa Rita'	Santa Rita Prickly Pear	Yellow	Spring	C	4	4	Su					10	AZ
1	<i>Parkinsonia microphylla</i> ( <i>Cercidium microphyllum</i> )	Littleleaf or Foothill Palo Verde	Yellow	Late Spring	T	20	20	Su		b			15	SD
1	<i>Parkinsonia x sonorae</i> ( <i>Cercidium</i> )	Sonoran Palo Verde	Yellow	Spring	T	20	20	Su		b			25	SD
1	<i>Pedilanthus macrocarpus</i>	Slipper Flower, Lady's Slipper, Candelilla	Red-Pink	Spring and Fall	A,Sc	3	3	Su	Yes				30	SD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
1	<i>Peniocereus greggii</i>	AZ Queen of the Night	White	Summer	C	6-7	3	Su					20	SD
1	<i>Pentzia incana</i>	Karoo Bush	Yellow	Spring to Summer	Gc	1	3	Su			Yes	Yes	10	S. Africa
1	<i>Plantago</i> spp.	Indian Wheat	Cream, White	Spring	An	.25-2	0.5	Wi						SD,CD
1	<i>Psilostrophe cooperi</i>	Paper Flower	Yellow	Spring and Summer	P	2	2	Wi					15	SD,CD
1	<i>Psilostrophe tagetina</i>	Paper Flower	Yellow	Spring and Summer	P	2	2	Wi					10	SD,CD
1	<i>Senna covesii</i> (Cassia)	Desert Senna	Yellow	Late Spring to early Fall	P	1	1	Su					15	SD
1	<i>Senna purpussi</i> (Cassia)	Baja Senna	Yellow	Winter to Spring	S	6	5	Wi					25-30	Baja
1	<i>Simmondsia chinensis</i> & varieties	Jojoba, Goat Nut	Green inconspicuous	Spring	S	8	8	Wi		a			15	SD
1	<i>Sporobolus airoides</i>	Alkali Sacaton	White	Summer	Gr	5	3	Su		a			0	SD,CD
1	<i>Sporobolus contractus</i>	Spike Dropseed	White	Summer to Fall	Gr	3	1	Su		a			6-12	SD,CD
1	<i>Stenocereus marginatus</i> ( <i>pachycereus</i> )	Mexican Fence Post	Pink or Red outside-whitish inside	Mid-Spring	A, C	12	1	Su					25-30	Mex.
1	<i>Stenocereus thurberi</i> ( <i>Lemaireocereus</i> )	Organ Pipe Cactus	White, Purple	Summer	C	15	12	Su					21-30	SD
1	<i>Yucca baccata</i>	Banana Yucca	White	Late Spring to Summer	A	3	5	Su					5	SD,CD
1	<i>Yucca brevifolia</i>	Joshua Tree	White, Green	Late Winter to early Spring	A	20	20	Wi					0	S. Calif, S.W. Utah
1	<i>Yucca treculeana</i>	Spanish Dagger, Palma Pita	White	Spring	A	20	?	Su					0	CD, W. TX

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
1	<i>Yucca whipplei</i>	Our Lord's Candle	White & Purple	Once (Early-Spring)	A	3	6	Su					10	SD
1	<i>Zinnia acerosa</i>	Desert Zinnia	White-orange centers	Late Spring to Fall	P	1	1	Su					15	SD,CD
2	<i>Abutilon palmeri</i>	Indian Mallow	Apricot	Summer	S	3	4	Su					25	SD
2	<i>Acacia aneura</i>	Mulga	Yellow	Spring	T	18	18	Su		c			20	Austr.
2	<i>Acacia angustissima</i>	White Ball Acacia	White	Late Spring to Late Summer	S	5	5	Su		c			-10	SD
2	<i>Acacia cultriformis</i>	Knife-Leaf Acacia	Yellow	Spring	T,S	15	15	Su		c			20	Austr.
2	<i>Acacia notabilis</i>	Notable Acacia	Yellow	Late Spring	S	8	15	Su		c			20	Austr.
2	<i>Acacia redolens</i>	Prostrate Acacia	Yellow	Spring	S,Gc	5	12	Su		c			20	Austr.
2	<i>Acacia rigidula</i>	Black Brush Acacia	Yellow	Spring	T,S	15	9	Su		c			20	CD
2	<i>Acacia salicina</i>	Willow Acacia	Creamy White	Spring	T	40	30	Su		c			20	Austr.
2	<i>Acacia saligna</i>	Weeping Wattle	Orange-Yellow	Early Spring	T	25	20	Su		c			15	Austr.
2	<i>Acacia stenophylla</i>	Pencilleaf Acacia	Creamy White	Early Spring	T	30	20	Su		c			18	Austr.
2	<i>Acacia willardiana</i>	Palo Blanco	Pale Yellow	Spring	T	20	10	Su		c			25	SD
2	<i>Agave angustifolia v. marginata</i>	Narrow leaf Agave	Greenish-Yellow	Once (Summer to Fall)	A,Sc	3	4	Su					20	Mex.
2	<i>Agave bovicornuta</i>	Cow's Horn Agave	Yellow	Once (Spring to Summer)	A,Sc	3	4	Su					19	Mex.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
2	Agave bracteosa	Spider Agave	White, orange	Once (Summer)	A,Sc	2	2	Su					10	
2	Agave celsii		Greenish with purple/red tinge	Once	A,Sc	2	2	Su					15	E. Mex.
2	Agave chrysantha	Golden Flower Agave	Yellow	Once (Summer)	A,Sc	3	4	Su					15	AZ
2	Agave colorata	Mescal Ceniza, Blue Century Plant	Yellow	Once (Spring to early Summer)	A,Sc	3	3	Su					15	SD
2	Agave desmettiana & varieties	Smooth Agave	Pale Yellow	Once (Spring)	A,Sc	3	6	Su					25	Mex.
2	Agave fillifera	Agave	Green then reddish	Once (Summer)	A,Sc	2	3	Su					17	CD
2	Agave geminiflora-solitary	Twin-flowered Agave	Yellow tinged with red	Once (Fall to Winter)	A,Sc	3	3	Su					20	Mex.
2	Agave havardiana	Havard Agave	Greenish Yellow	Once (Spring)	A,Sc	3	4	Su					-10	CD
2	Agave lophantha (univittata)	Holly Agave; Center Stripe Agave	Greenish Yellow	Once	A,Sc	3	6	Su					20	CD
2	Agave macroacantha	Black Spine Agave	Green	Once	A,Sc	2	2	Su					25	Mex.
2	Agave montana	Mountain Agave	Green, Creamy White	Once	A,Sc	4	6	Su					5	Mex.
2	Agave multiflifera	Chahuiqui	Light Green with Pink Margins	Once	A,Sc	3	5	Su					15	CD
2	Agave murpheyi	Murphy Agave	Pale Green	Once (Fall) produces bulbils on flower stalk	A,Sc	3	3	Su					10	SD
2	Agave ocahui	Ocahui Agave	Yellow	Once (Spring to Summer)	A,Sc	3	3	Su					10	SD
2	Agave ovatifolia	Whales Tongue Agave	Pale Green	Once	A,Sc	3	3	Su					20	Mex.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
2	Agave palmeri	Palmer Agave	Pale Green	Once (Summer) produces bulbils on flower stalk	A,Sc	4	4	Su					10	SD
2	Agave parrasana	Parras Agave	Yellow	Once	A,Sc	2	2	Su					15	Mex.
2	Agave parryi & varieties	Agave	Yellow	Once (Summer)	A, Sc	2	2	Su				Yes	-20	CD
2	Agave parryi var. huachucensis	Huachuca Agave	Pink buds opening to Yellow	Once (Late Spring to early Summer)	A,Sc	2	3	Su			Yes	Yes	5	SD
2	Agave parviflora	Small Flowered Agave	Pale Yellow	Once (Summer)	A,Sc	.5	.7	Su					10	SD
2	Agave pelona	Mescal Pelon	Red	Once (Spring)	A, Sc	2	2.5	Wi					20	SD
2	Agave potatorum	Butterfly Agave	Pale Green	Once	A,Sc	1	2	Su					25	Oaxaca Mex.
2	Agave salmiana ssp. Ferox	Pulque Agave, Salm's Agave	Yellow above Green below	Once	A,Sc	4	6	Su					15	Central Mex.
2	Agave scabra	Rough-leaved Agave	Yellow	Once (Late Spring to Fall)	A,Sc	4	4	Su					15	CD
2	Agave schidigera	Agave	Dark Purple	Once (Fall to Spring)	A,Sc	2	3	Su					15	Durango Mex.
2	Agave shawii		Yellow	Once (Spring)	A,Sc	3	5	Su					20	Baja Cal. Mex.
2	Agave striata	Needle-leaf Agave, Espidine	Yellow, sometimes Red- Purple	Once (Summer)	A,Sc	3	3	Su					15	Mojave D
2	Agave utahensis		Yellow	Once	A,Sc	1	2	Su					-10	Mojave D
2	Agave victoriae-reginae & varieties	Queen Victoria Agave	Reddish Purple	Once (Summer)	A,Sc	1	2	Su					10	Mex.
2	Agave vilmoriniana	Octopus Agave	Yellow	Once (Spring) produces bulbils on flower stalk	A,Sc	4	6	Su					20	SD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
2	Agave weberi	Weber Agave	Yellow	Once	A,Sc	4	6	Su					10	Mex.
2	Aloe ferox	Cape Aloe	Orange Red	Late Winter early Spring	Sc	15	3	Su					25	Africa
2	Aloe variegata	Partridge Breast Aloe	Dark Pink to Red	Winter to Spring	Sc	1	1.5	Su					20	Africa
2	Aloe x 'Blue Elf'		Orange-Red	Winter to Spring	A,Sc	2	1	Wi					15	garden variety
2	Aloysia gratissima	Fragrant Bush, Bee Bush	White	Spring	S	6	8	Su			Yes	Yes	15	SD,CD
2	Aloysia wrightii	Wright's Bee Bush	White	Spring to Fall	S	4	4	Su					15	SD,CD
2	Anisacanthus quadrifidus & varieties	Flame Anisacanthus	Orange, Red	Summer to Fall	S	5	5	Su					5	CD
2	Anisacanthus thurberi	Desert Honeysuckle	Orange	Spring to Fall	S	6	4	Su					10	SD
2	Antigonon leptopus	Queen's Wreath	Pink, White, Red	Summer and Fall	V	20	20	Su					15	SD
2	Aristida purpurea	Purple Three-awn	Green, Green to Blue foliage	Spring to early Fall	Gr	2	1	Su			Yes	Yes	0	SD,CD
2	Artemisia ludoviciana	Prairie Sagebrush, Wormwood	inconspicuous	July-Oct	S,Gc	1	3	Su		a			-40	SD
2	Atriplex lentiformis	Quail Bush	Greenish	Late Winter to Spring	S	10	15	Su		a			15	SD
2	Atriplex lentiformis breweri	Brewer Saltbush	Light Yellow	Summer	S	10	10	Su		a			15	SD
2	Atriplex semibaccata	Australian Saltbush	inconspicuous	April through September	S	1	6	Su		a			22	Austr.
2	Baccharis hybrid 'Starn'	Thompson Broom	inconspicuous Tan		Gc	4	5	Su		c			0	garden cultivar



WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
2	Baccharis sarothroides and hybrids (male varieties only)	Desert Broom	Cream, White	Fall	S	9	9	Su		a			15	SD
2	Bebbia juncea	Sweet Bush, Chuuckwalla's Delight	Yellow	Spring to Fall	S,P	4	4	Su				Yes	15	SD,CD
2	Berberis trifoliata	Algerita	Yellow	Spring	S	8	8	Su					15	SD
2	Bothriochloa barbinodis	Cane Beardgrass, Cane Bluestem	Green	Late-Spring to early-Fall	Gr	3	3	Su		c			0	SD,CD
2	Bougainvillea spp.	Bougainvillea	Purple, Red, Orange, Pink	Late Spring to Fall	S,V	20	20	Su					20	Brazil
2	Bouteloua spp.	Gramma Grass	varies by species Green, Pink, Orange, Purple	Summer to Fall	Gr	.5 -3	1	Su		a			-10	SD,CD
2	Brachychiton populneus	Bottle Tree	Pink	Late Spring	T	45	30	Su					18	Austr.
2	Caesalpinia gilliesii (Poinciana)	Yellow Bird of Paradise	Yellow with Red stamens	Late Spring to Fall	S	10	6	Su	Yes		Yes	Yes	10	S. Amer.
2	Caesalpinia mexicana (Poinciana)	Mexican Bird of Paradise (yellow)	Yellow	Spring to Summer	S	15	10	Su	Yes		Yes	Yes	20	CD
2	Callaeum macropterum (Mascagnia macroptera)	Yellow Orchid Vine	Yellow	Spring and Summer	V	25	25	Su			Yes		22	SD,CD
2	Calliandra californica	Baja Fairy Duster	Red	Spring through Fall	S	6	6	Su					25	SD
2	Calliandra peninsularis	Red Calliandra, Baja Fairy Duster	Red	Winter to Spring	S	6	6	Su					25	SD
2	Cassia artemisioides (Senna)	Wormwood Senna, Feathery Cassia	Yellow	Late Winter to Spring	S	5	5	Wi					20	Austr.
2	Cassia nemophila (C. eremophila)	Green Cassia	Yellow	Winter to Spring	S	9	6	Wi			Yes	Yes	20	Austr.
2	Cassia phyllodinea	Silvery Cassia	Yellow	Winter to Spring	S	6	6	Wi					20	Austr.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
2	Casuarina cunninghamiana	Australian Pine			T	70	35	Su		b			20	Austr.
2	Casuarina stricta	Coast Beefwood			T	35	25	Su		b			15	Austr.
2	Cathestecum erectum	False Grama	Green	Summer	Gr	.5	1	Su		c			7	SD
2	Cephalophyllum aestonii 'Red Spike'	Red Spike Ice Plant	Reddish-purple	Winter to Spring	Gc,Sc	0.5	1.5	Wi					15	S. Africa
2	Chrysactinia mexicana	Damianita Daisy	Yellow-Gold	Spring and Fall	S	2	2	Su					0	SW U.S.
2	Cissus trifoliata v. incisa	Desert Grape Ivy	inconspicuous	Summer	V	20	20	Su			Yes	Yes	20	SD,CD
2	Condalia globosa	Bitter Condalia	White inconspicuous, fragrant	Early Spring	T,S	15	20	Su					18	SD
2	Convolvulus cneorum	Bush Morning Glory	White	Late Spring to Fall	S,Gc	2	3	Wi	Yes				15	S. Eur.
2	Cordia boissieri	Anacahuita, Texas Olive	White	Spring to Fall	T,S	15	15	Su					22	CD
2	Cordia parvifolia	Littleleaf Cordia	White	Spring to Fall	S	8	10	Su					15	SD,CD
2	Dalea bicolor & varieties	Dalea Bicolor	Blue	Fall	S	6-8	5-6	Su					10	CD
2	Dalea greggii	Trailing Indigo Bush	Pink, Purple	Spring to Summer	Gc	2	9	Su					15	CD
2	Dalea pulchra	Indigo Bush	Pink, Purple	Winter, early Spring	S	6	5	Su					0	SD
2	Dasyllirion acrotriche	Green Desert Spoon	Cream on single erect flower stalk	Summer to Fall	A	4	5	Su					15	CD
2	Dasyllirion leiophyllum	Green Desert Spoon	Greenish-yellow on single erect flower stalk	Spring	A	4	6	Su					-10	CD

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2	<i>Dasyilirion quadrangulatum</i> ( <i>D.longissimum</i> )	Toothless Desert Spoon	Greenish and White	Late Spring	A	4	5	Su					15	CD
2	<i>Dasyilirion texanum</i>	Green Desert Spoon	Creamy White on single erect flower stalk	Late Spring to early Fall	A	5	5	Su					0	CD
2	<i>Dasyilirion wheeleri</i>	Sotol, Desert Spoon	Tan on erect stems	Mid to late Summer	A	4	5	Su					0	SD,CD
2	<i>Datura wrightii</i>	Sacred Datura, Jimson Weed, Thorn Apple	White	Late- Spring to early Fall	Gc	3	6	Su	Yes				Wg zone	SD
2	<i>Dicliptera resupinata</i>	Native Dicliptera	Purple	Spring to Fall	P	2	3	Su				Yes	17	SD,CD
2	<i>Digitaria californica</i>	Arizona Cottontop	White	Summer to early Fall	Gr	3	1.5	Su		a			15	SD,CD
2	<i>Dodonaea viscosa</i> & varieties	Hopbush	Green, inconspicuous	Spring to Fall	S	15	12	Su					20	SD,CD
2	<i>Ebenopsis ebano</i> ( <i>Pithecellobium flexicaule</i> )	Texas Ebony	Cream White	Late Spring to Fall	T	30	20	Su					20	CD
2	<i>Eremophila hybrid</i>	Summertime Blue	Blue	Spring through Summer	S	6	6	Su, Wi					25	Austr.
2	<i>Eremophila laanii</i> 'pink beauty'	Emu Bush	Pink	Spring	S	8	8	Su, Wi					25	Austr.
2	<i>Eremophila maculata</i> 'valentine'	Valentine Emu Bush	Red	Early to late Spring	S	5	6						20	Austr.
2	<i>Ericameria laricifolia</i> & cultivars ( <i>happloppapus laricifolius</i> )	Turpentine Bush	Yellow	Fall	S	2-3	2-3	Su					-10	SD
2	<i>Eriogeron divergens</i>	Native Fleabane	White to Lavender	Spring to Summer	Gc,An, P	1	2	Wi				Yes	-20	SW U.S.
2	<i>Eriogonum fasciculatum</i> v. <i>poliofolium</i>	Flattop Buckwheat	White to Pink	Summer	S	1.5	2	Wi					15	S. CA, AZ, UT
2	<i>Eriogonum wrightii</i>	Wright Buckwheat	White to Pink	Summer to early Fall	S	1.5	2	Wi					23	SD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
2	<i>Eucalyptus campaspe</i>	Silver Gimlet	inconspicuous	Late Winter to Spring	T	35	25	Su		c			18	Austr.
2	<i>Eucalyptus formanii</i>	Eucalyptus	White	Summer	T	20	20	Su		c			15	Austr.
2	<i>Eucalyptus leucoxydon</i> (rosea)	White Iron Bark	White, Red	Fall to Winter	T	40	30	Su		c			18	Austr.
2	<i>Eucalyptus microtheca</i>	Tiny Capsule Eucalyptus, Coolibah	Creamy White inconspicuous	Summer	T	35	35	Su		c			10	Austr.
2	<i>Eucalyptus papuana</i>	Ghost Gum	White inconspicuous	Summer	T	40	25	Su		c			22	Austr.
2	<i>Eucalyptus polyanthemus</i>	Silver Dollar Gum	Cream-white	Winter	T	40	30	Su		c			14	Austr.
2	<i>Eucalyptus rudis</i>	Desert Gum			T	100	50	Su		c			15	Austr.
2	<i>Eucalyptus sargentii</i>	Salt River Mallet	Yellow		T	40	30	Su		c			22	Austr.
2	<i>Eucalyptus spathulata</i>	Swamp Mallee	Cream and Gold	Summer	T	20	20	Su		c			17	Aust
2	<i>Euphorbia myrsinites</i>	Euphorbia			Gc	1	3	Wi					10	S. Europe, Cnt. Asia
2	<i>Euphorbia rigida</i> (biglandulosa)	Gopher Plant	Chartreuse	Winter to Spring	A,Sc	2	3	Wi	Yes			Yes	5	Africa
2	<i>Eysenhardtia orthocarpa</i>	Kidneywood	White	Summer	T	10	10	Su					15	CD, SD
2	<i>Gaillardia aestivalis</i> spp. winkleri	Winkler Gaillardia			P	2	3	Wi					0	TX
2	<i>Gaillardia pinnatifida</i>	Blanket Flower		Late Spring to early Fall	P	2	2	Wi					-30	SW U.S.
2	<i>Gossypium harknessii</i>	Gossypium, Wild Cotton	Yellow	Spring and Fall	S	3	3	Su					25	SD

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2	Havardia mexicana (Pithecellobium mexicanum)	Mexican Ebony	Creamy Yellow	Spring	T	30	30	Su					20	SD
2	Havardia pallens (Pithecellobium pallens)	Tenaza	White	Late Spring to Mid-Summer	T	30	12	Su		c			22	CD
2	Hesperaloe campanulata	Bell Flowering Hesperaloe	Pink	Summer	A	3	3	Su					10	NM
2	Hesperaloe funifera	Giant Hesperaloe	Creamy White	Summer	A	5	5	Su					5	CD
2	Hesperaloe nocturna	Night Flowering Hesperaloe	White and Green	Spring to Fall	A	3	3	Su					10	SD
2	Hesperaloe parviflora & varieties	Red Yucca, Yellow Yucca	Pink, Red, Yellow	Spring and Summer	A	3	4	Su					0	CD
2	Hibiscus coulteri	Yellow Hibiscus, Coulter's Hibiscus	Pale Yellow	late Spring to Fall	S	3	3	Su					10	SD,CD
2	Hilaria berlanderi	Curly mesquite	Green	late Summer to Fall	Gr	.5	1	Su		b			0	SD,CD
2	Hilaria mutica	Tobosa grass	Green	Summer to Fall	Gr	2	2	Su		b			2	SD,CD
2	Hilaria rigida	Big galleta grass	Green	Spring through Fall	Gr	3	1	Su		b			10	SD,CD
2	Justicia californica and cultivars (Beloperone)	Chuparosa	Red	Spring	S	3	4	Su					20	SD
2	Justicia candicans	Red Jacobinia	Red, orange	Fall to Spring	S	5	3	Su					25	SD
2	Leucaena retusa	Golden Leadball	Yellow	Spring to Summer	T	20	15	Su					10	CD
2	Leucophyllum spp. & varieties	Texas Ranger	varies by species Pink, Purple, Lavender, White	Summer humidity	S	3-10	3-10	Su					5-10	CD
2	Lotus rigidus	Desert Deerweed, Deer Vetch	Yellow and Orange	Spring	Gc,P	1.5	2	Wi					5	SD

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2	<i>Lycium andersonii</i>	Desert Wolfberry	Lavender, followed by Red berries	Spring	S	6	6	Su					20	SD
2	<i>Lycium pallidum</i>	Desert Thorn	White, followed by Red berries	Spring	S	3-9	4-6	Su					10	SD, Mojave D
2	<i>Macfadyena unguis-cati</i>	Cat's Claw Vine	Yellow	Spring	V	30	30	Su			Yes	Yes	20	U.S.
2	<i>Malephora crocea</i>	Croceum, Ice Plant	Copper to red	Late Fall to late Winter	Gc,Sc	1	6	Su					20	S. Africa
2	<i>Mascagnia lilacina</i>	Purple Orchid Vine	Purple	Spring and Summer	V	15	10	Su					10-15	CD
2	<i>Maytenus phyllanthoides</i>	Mangle Dulce	Green inconspicuous		S	12	12	Su					15	SD,CD
2	<i>Melampodium leucanthum</i>	Blackfoot Daisy	White	Early Spring to Fall	Gc	2	2	Su			Yes	Yes	15	SD,CD
2	<i>Merremia aurea</i>	Yellow Morning Glory Vine	Yellow	Summer to Fall	V	25	25	Su					15	SD
2	<i>Mimosa dysocarpa</i>	Velvetpod	Pink, White	Summer	S	6	6	Su		c			15	SD
2	<i>Muhlenbergia emersleyi</i>	Bullgrass	Purple dries to tan	Fall	Gr	4	4	Su		a			0	SD
2	<i>Muhlenbergia rigens</i>	Deer grass	Tan	Summer to Fall	Gr	4	4	Su		a			10	SD
2	<i>Nassella tenuissima</i>	Mexican Feather Grass	Tan	Fall	Gr	3	1	Su		b			0	CD
2	<i>Nerium oleander</i> & varieties	Oleander	Pink, White, Red, Salmon	Mid-Spring to Fall	S	4-20	5-12	Su	Yes				20	Asia
2	<i>Oenothera berlandieri</i> (speciosa)	Mexican Evening Primrose	Pink	Spring to Fall	Gc, P	1	3	Su, Wi			Yes	Yes	25	CD, TX, Mex.
2	<i>Oenothera caespitosa</i>	White Evening Primrose, Tufted Evening Primrose	White	Spring	Gc, P	1	3	Wi, Sp					5	W. U.S.

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2	Oenothera stubbei	Chihuahuan Primrose	Yellow	Summer to Fall	Gc, P	1	2	Su, Wi					17	SD, NE Mex.
2	Olea europaea 'Swan Hill', 'Wilsoni'	Fruitless non-pollinating Olive	White	Spring	T	30	30	Su					15	Medit.
2	Pappophorum mucronulatum	Pappusgrass	White	Spring to early Fall	Gr	3	2	Su		a			12-18	SD
2	Parkinsonia praecox (Cercidium)	Palo Brea	Yellow	Spring	T	30	25	Su		b			25	SD
2	Parkinsonia florida (Cercidium floridum)	Blue Palo Verde	Yellow	Early Spring	T	30	30	Su		b	Yes	Yes	12	SD
2	Parkinsonia hybrid "Desert Museum"	Desert Museum Palo Verde	Yellow	Spring to Summer	T	30	30	Su		b			17	SD,CD
2	Passiflora foetida	Passion Flower	White, Purple	Summer	V	10	10	Su			Yes	Yes	25 RH	SD
2	Pennisetum setaceum 'Cupreum'	Purple Fountain Grass	Pink, Purple	Summer	Gr	4	5	Su		b			15	Africa
2	Penstemon ambiguus	Pink Plains Penstemon	Pink	Summer	P	3	3	Su					10	W. U.S.
2	Phacelia campanularia	Desert Bluebells, Desert Canterbury Bells	Blue	Early Spring	An	1	1	Wi					10	SD
2	Phacelia tanacetifolia	Tansy Phacelia	Blue, Purple	Early Spring	An	1	1	Wi					10	N. Calif., N. Baja
2	Phoenix canariensis	Canary Island Date Palm	Cream, White	Summer	T	60	30	Su		c			20	Canary Islands
2	Phoenix dactylifera	Date Palm	insignificant	Summer	T	100	20	Su		c			18	Asia
2	Pinus edulis	Piñon Nut Pine	insignificant		T	25	15	Su		c			-31	NM, Calif, AZ
2	Pinus eldarica	Afghan Pine	insignificant		T	50	25	Su		c			10-15	Asia

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2	<i>Pinus halepensis</i>	Aleppo Pine	insignificant		T	80	60	Su		c			13	Medit.
2	<i>Pinus monophylla</i>	Singleleaf Piñon Pine	insignificant		T	25	15	Su		c			-31	Mojave D, N. AZ
2	<i>Pinus pinea</i>	Italian Stone Pine	insignificant		T	60	50	Su		c			15	Medit.
2	<i>Pistacia atlantica</i>	Mt. Atlas Pistache	insignificant greenish white	Early Summer	T	60	50	Su		c			20	Medit.
2	<i>Pistacia vera</i>	Pistachio			T	30	30	Su		c			0	Asia
2	<i>Pittosporum phillyraeoides</i>	Willow Pittosporum	Yellow	Spring	T	20	15	Su					15	Austr.
2	<i>Prosopis hybrid</i>	South American Mesquite	Light Yellow	Spring	T	40	40	Su		b			15	S. Amer.
2	<i>Prosopis glandulosa</i> & varieties	Texas Honey Mesquite	Creamy Yellow	Spring	T	30	30	Su		b			10	CD
2	<i>Prosopis pubescens</i>	Screwbean Mesquite	Yellow	Spring	T	20	20	Su		b			0	SD,CD
2	<i>Prosopis velutina</i> (juliflora)	Velvet Mesquite	Yellow	Spring	T	30	30	Su		b			0	SD
2	<i>Quercus turbinella</i>	Shrub Live Oak	Green inconspicuous		S	10	10	Su		b			5	W. U.S.
2	<i>Rhus microphylla</i>	Littleleaf Sumac	White, Red Fall Color	Spring before leaves	S	10	10	Su	Yes	c			20	CD, SD
2	<i>Rhus ovata</i>	Sugar Bush, Sugar Sumac	Pink & White followed by small red fruit	Spring	S	15	15	Wi	Yes	c			15	Calif., AZ
2	<i>Rhus trilobata</i> & varieties	Three Leaf Sumac, Skunk, Bush	inconspicuous, small red fruit, Fall color	Spring	S	5	8-10	Su		c			-40	Can.,U.S., Mex.
2	<i>Rhus virens</i>	Evergreen Sumac	White followed by showy berries	Spring	S	12	12	Su	Yes	c			15	CD, SD



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2	<i>Rosmarinus officinalis</i> & varieties	Rosemary	Blue	Spring and Fall	S	3	8	Su					15	Medit.
2	<i>Ruellia californica</i>	Sonoran Desert Ruellia	Blue, Purple	Late Spring to Fall	S	4	4	Su					28	SD
2	<i>Ruellia peninsularis</i>	Baja Ruellia	Blue, purple	Spring to Summer	S	4	4	Su					25	SD
2	<i>Ruschia uncinatus</i>	Ruschia	Pink	Summer	Gc,Sc	1.5	1.5	Su					25	S. Africa
2	<i>Salvia chamaedryoides</i>	Blue Chihuahuan Sage	Cobalt blue	Spring and Fall	S	2	2	Su					15	CD
2	<i>Salvia clevelandii</i>	Cleveland Sage	Blue	Late Spring to Summer	S	5	5	Wi					15	S. CA, Baja
2	<i>Salvia dorri</i> v. <i>dorrii</i>	Mojave Sage	Blue-violet	Late Winter and Spring	S	2	2	Wi					-25	MD
2	<i>Salvia</i> hybrid ( <i>S.dorrii</i> x <i>S.clevelandii</i> x <i>S.mojavensis</i> )	Trident, Carl Nielson Sage	Cobalt Blue	Spring	S	3	3	Wi					20-30	SD hybrid
2	<i>Salvia mohavensis</i>	Mohave Sage	Lavender	Spring to mid-Summer	S	3	3	Wi					5	SD, MD
2	<i>Santolina chamaecyparissus</i>	Lavender Cotton	Yellow/ silvery foliage	Spring	S,Gc	2	3	Wi					-10	Medit.
2	<i>Sapindus saponaria drummondii</i>	Soapberry	Creamy White	Late Spring	T	30	30	Su	Yes				5	SD,CD
2	<i>Senecio cineraria</i>	Dusty Miller, Silver Plant	Yellow/silvery foliage	Spring	P	2	2	Wi	Yes				15	Medit.
2	<i>Senna lindheimeriana</i> (Cassia)	Senna	Yellow	Summer to Fall	S	3	2	Wi					0	CD
2	<i>Senna wislizenii</i> (Cassia)	Cassia, Shrubby Senna	Yellow	Summer	S	8	8	Su					10	SD,CD
2	<i>Sesuvium verrucosum</i>	Sea Purslane, Ice Plant	Pink	Early Spring to Fall	Gc	0.5	3	Su					5	Africa

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2	<i>Sophora secundiflora</i> & varieties	Texas Mountain Laurel	Purple to Lavender	Spring	T,S	25	15	Su	Yes				5	CD
2	<i>Sphaeralcea ambigua</i> & varieties	Globe Mallow	Orange, White, Red, Purple, Lavender	Early Spring and Fall	P	3	3	Wi					15	SD
2	<i>Sporobolus flexuosus</i>	Mesa Dropseed	White	Summer to early Fall	Gr	3	1	Su		a			6-12	SD,CD
2	<i>Tecoma stans</i> v. <i>angustata</i>	AZ Yellow Bells	Yellow	Late Spring to Fall	S	10	8	Su					5	SD,CD
2	<i>Tetraneuris acaulis</i> (Hymenoxys)	Angelita Daisy	Yellow	All Year, heaviest in Spring	P	1	1	Su					10	SW U.S.
2	<i>Teucrium chamaedrys</i> (prostratum)	Prostrate Germander	Lavender	Spring and Summer	Gc	1	2	Su	Yes				-20	Medit.
2	<i>Teucrium fruticans</i>	Bush Germander	Blue or Lavender	Spring to Fall	S	8	8	Su					10	Medit.
2	<i>Thymophylla pentachaeta</i> (Dyssodia)	Golden Dyssodia, Golden Fleece	Yellow	Late Spring to Fall	Gc	0.5	0.5	Su, Wi					10	SD,CD
2	<i>Thymophylla acerosa</i> (Dyssodia)	Scrubby Dogweed	Yellow	Late Spring to early Fall	Gc	.5	.5	Su					10	SD,CD
2	<i>Trichloris crinita</i>	Two-feather Trichloris	White dries to Tan - reddish highlights	Late Spring to Fall	Gr	3	1	Su		a			12-18	SD,CD
2	<i>Trichocereus</i> & varieties	Trichocereus Cactus	White, Yellow, Orange, Red	Varies by variety Spring, Summer, Fall	C	1-15	1-5	Su					10	S. Amer., Argentina
2	<i>Tridens muticus</i>	Slim Tridens	White	Spring to Fall	Gr	1.5	0.5	Su		b			25	SD,CD
2	<i>Trixis californica</i>	Trixis	Yellow	Spring	S	3.5	3.5	Su					15	CA to TX
2	<i>Vauquelinia californica</i> & varieties	Arizona Rosewood	White	Spring to Summer	T,S	25	15	Su					10	SD
2	<i>Vauquelinia corymbosa</i> & varieties	Mexican Rosewood	White inconspicuous	Spring	S	15	20	Su					-10	TX, Mex.

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2	<i>Verbesina encelioides</i>	Crown Beard	Yellow	Spring	An	3	3	Wi				Yes		SD,CD
2	<i>Viguiera parishii</i> ( <i>V deltoidea</i> )	Goldeneye	Yellow	Spring, Late Summer	P	3	3	Wi, Su					0	SD
2	<i>Vitex agnus-castus</i>	Chaste Tree, Monk's Pepper	Blue	Summer to Fall	T,S	25	25	Su					5	Medit.
2	<i>Washingtonia filifera</i>	California Fan Palm	Cream	Summer	T	45	15	Su		c		Yes	20	SD
2	<i>Washingtonia robusta</i>	Mexican Fan Palm	Cream	Summer	T	75	10	Su		c		Yes	15	SD
2	<i>Yucca aloifolia</i>	Spanish Bayonet Yucca	White	Spring to Summer	A	10	5	Su					15	SD
2	<i>Yucca baileyi</i>		White	Summer	A	4	2	Su					15	CO, UT
2	<i>Yucca constricta</i>	Buckley Yucca	White	Spring through Summer	A	5	5	Su					0	TX
2	<i>Yucca elata</i>	Soaptree Yucca	White	Late Spring to Summer	A	20	8	Su					0	SD,CD
2	<i>Yucca faxoniana</i> ( <i>carnerosana</i> )	Giant Dagger Yucca	White	Summer	A	15	4	Su					10	CD
2	<i>Yucca filifera</i> ( <i>australis</i> )	St. Peter's Palm	White		A	2.5	4	Su					10	Mex.
2	<i>Yucca glauca</i>	Soapweed Yucca	White	Summer	A	3	3	Su					25	U.S.
2	<i>Yucca harrimaniae</i>	Harriman's Yucca	White	Mid-Summer	A	6-22	18	Su					-20	SW U.S.
2	<i>Yucca pallida</i>	Paleleaf yucca	White	Late Spring	A	2	2	Su					-10	TX
2	<i>Yucca rigida</i>	Mexican Blue Dagger Yucca	White	Summer	A	12	5	Su					10	CD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
2	<i>Yucca rostrata</i>	Beaked Yucca	White	Summer	A	12	9	Su					0	CD
2	<i>Yucca schidigera</i>	Mojave Yucca	White	Spring	A	9-15	4-6	Su					10	W. U.S., Mex.
2	<i>Yucca schottii</i>	Mountain Yucca	White	Early Summer	A	15	4	Su					0	SD
2	<i>Yucca thompsoniana</i>	Thompson Yucca	White	Early Summer	A	10	5	Su					-20	SW TX
2	<i>Yucca torreyi</i>	Torrey's Yucca	White	Spring	A	8-15	6	Su					0	TX, NM, No. Mex.
2	<i>Zinnia grandiflora</i>	Prairie Zinnia	Yellow, Orange	Summer to Fall	P	1	1	Su					10	SE. AZ, NM
2	<i>Zizyphus jujuba</i>	Chinese Date, Common Jujube	Yellow-white	Spring	T	40	30	Su				Yes	20	Asia
3	<i>Acacia berlandieri</i>	Guajillo	White	Summer	T,S	15	15	Su		c			20	CD
3	<i>Acacia farnesiana</i> (smalli)	Southwestern Sweet Acacia	Yellow	Spring	T,S	25	25	Su		c	Yes	Yes	12	SD,CD
3	<i>Acacia schaffneri</i>	Twisted Acacia	Yellow	Spring	T	20	25	Su		c			17	CD
3	<i>Achnatherum hymenoides</i> ( <i>Oryzopsis hymenoides</i> )	Indian Ricegrass	Green	Spring	Gr	2	2	Su		a			10	SD,CD
3	<i>Amsonia grandiflora</i>	Large-flowered Blue Star	White tinged with Lavender	Spring to early Summer	S,P	3	3	Su					-10	SD
3	<i>Asclepias linaria</i>	Pine Leaf Milkweed	White	Spring to Fall	S	3	3	Su	Yes				20	SD,CD
3	<i>Bauhinia lunaroides</i>	Pink or White Orchid Tree	Pink, White	Spring to early Summer	S	12	10	Su					5	CD
3	<i>Berberis harrisoniana</i>	Barberry	Yellow	Late-Winter to early-Spring	S	3	3	Su					15	SD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
3	Berlandiera lyrata	Chocolate Flower	Yellow with Maroon center	Spring to Fall	P	2	2	Su				Yes	0	SE. AZ
3	Brahea (Erythea) armata	Mexican Blue Palm	White	Spring	T	30	10	Su		c			15	SD
3	Buchloe dactyloides	Buffalo Grass	Tan	Summer to Fall	Gr	.5	.5	Su		a			-30	CD
3	Bulbine frutescens and cultivars	Shrubby Bulbine	Yellow to Orange	Fall to Spring	Sc	2	2	Wi					20	S. Africa
3	Caesalpinia cacalaco	Cascalote	Yellow	Winter	S	15	18	Su	Yes				20	Mex.
3	Caesalpinia pulcherrima	Red Bird of Paradise	Red, Orange	Summer	S	6-8	6	Su	Yes				28 RH	Caribb.
3	Callistemon citrinus	Lemon Bottlebrush	Red	Off and on all year	T,S	15	10	Su		c			10	Austr.
3	Calylophus hartwegii & varieties	Calylophus, Yellow Evening Primrose	Yellow	Spring to Summer	Gc	1.5	3	Su, Wi			Yes	Yes	0	CD, SD
3	Campsis radicans	Common Trumpet Creeper	Orange, Red	Summer to Fall	V	20	20	Su					15	SE U.S.
3	Carpobrotus edulis (Mesembryanthemum edulis)	Ice Plant	Pale Yellow to Pinkish Purple	Summer	Gc,Sc	1	6	Wi					20	Africa
3	Celtis reticulata	Netleaf or Western Hackberry	Greenish	March through Summer	T	30	30	Su		a			-20	SD,CD
3	Centaurea cineraria	Dusty Miller	Purple, Yellow	Summer	P	3	3	Wi					15	Medit.
3	Ceratonia siliqua	Carob, St. John's Bread Tree	Pink	Spring	T	40	40	Su					22	Medit.
3	Cercis canadensis v. mexicana	Mexican Redbud	Magenta	Early Spring	T,S	15	15	Su					10	CD
3	Chamaerops humilis	Mediterranean Fan Palm	insignificant	n/a	T	15	10	Su		c			12	Spain

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
3	Chilopsis linearis and cultivars	Desert Willow	White, Lavender, Pink, Purple	Late-Spring to Fall	T,S	30	30	Su			Yes	Yes	0	SD,CD
3	Convolvulus mauritanicus	Ground Morning Glory	Sky Blue	Spring and Summer	Gc	.5	2	Wi					15	Africa
3	Cupressus arizonica & varieties	Rough-barked Arizona Cypress	inconspicuous	n/a	T	50	20	Su		a			10	SD,CD
3	Cupressus glabra	Smooth Bark Cypress	n/a	n/a	T	40	20	Su		a			10	SD
3	Dalbergia sissoo	Rosewood	inconspicuous green-yellow		T	50	30	Su					10	India
3	Dalea capitata	Yellow Dalea	Yellow	Spring and Fall	Gc	1	3	Su					15	Mex.
3	Dalea frutescens	Black Dalea	Pink, Rose to Purple	Late Fall	S	4	5	Su					15	CD
3	Dalea versicolor v. sessilis	Indigo Bush, Dalea	Purple	Fall to early Spring	S	4	5	Su					0	SD
3	Dimorphotheca sinuata	African Daisy, Cape Marigold	Orange, White, Yellow	Winter to Spring	An	0.5	0.5	Wi					-40	S. Africa
3	Eragrostis intermedia	Plains Lovegrass	Light Pink, White	Summer to Fall	Gr	3	1	Su		a			-23	SD,CD
3	Eschscholtzia californica	California Poppy	Orange, Pale -yellow, occasionally White	Late-Spring	An	2	2	Wi					20	SD
3	Eschscholtzia mexicana	Mexican Gold Poppy	Orange, pale-yellow, occasionally White	Early-Spring	An	1	1	Wi					30	SD
3	Eucalyptus camaldulensis	Red River Gum	Yellow inconspicuous	Winter to Spring	T	120	50	Su		c			20	Austr.
3	Eysenhardtia texana	Texas Kidneywood	White	Spring to Summer	T	8	8	Su					15	CD
3	Feijoa sellowiana	Pineapple Guava	White with red stamens	Spring	T,S	15	15	Su					15	S. Amer.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
3	Fraxinus greggii	Littleleaf Ash	inconspicuous Green		T,S	18	15	Su		a			15	CD
3	Gaillardia pulchella	Fire Wheel, Blanket Flower	Deep Maroon center with Yellow outside edges	Late Spring to early Fall	An	1.5	1.5	Wi					15	CD
3	Gazania rigens & varieties	Gazania	Orange, Yellow, White	Winter to Spring, Fall	Gc	.5	2	Wi					20	Africa
3	Geijera parviflora	Australian Willow	White	Spring	T	25	20	Su					18	Austr.
3	Glandularia peruviana (Verbena peruviana)	Peruvian Verbena	Pink, Blue, Purple	Spring to Fall	P	0.2	3	Su					15	S. Amer.
3	Glandularia pulchella (V.tenuisecta) (V. tenera)	Moss Verbena, Rock Verbena	Purple	Spring to Fall	P	1	5	Su, Wi				Yes	20	S. Amer.
3	Glandularia rigida(Verbena rigida)	Sandpaper Verbena	Purple	Summer to Fall	Gc,P	2	4	Su				Yes	15	S. Amer.
3	Glandularia tenuisecta 'Edith' (Verbena tenuisecta 'Edith')	Moss Verbena	Lavender, Purple	Spring	Gc P	1-2	4-5	Su, Wi				Yes	15	S. Amer.
3	Guaiacum coulteri	Guayacan	Blue-Purple	Spring through Summer	T,S	12	10	Su					25	SD
3	Hamelia patens	Texas Firecracker Bush	Red, Orange	Summer	S	10	5	Su					10	FL, Caribn.
3	Heteropogon contortus	Tanglehead	Brown	Summer and Fall	Gr	3	2	Su		c	Yes	Yes	15	SD
3	Juniperus chinensis and cultivars	Juniper	n/a		T	20	10	Su		b			-30	Asia
3	Juniperus deppeana	Alligator Bark Juniper	inconspicuous		T	40	30	Su		a			0	SD,CD
3	Juniperus sabina	Sabine Juniper	inconspicuous		S	1.5	8	Su		b			-30	AZ
3	Justicia fulvicoma	Mexican Plume	Reddish Orange	Spring and Fall	S	2	3	Su					20	Mex.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
3	<i>Justicia spicigera</i>	Firecracker Bush	Orange	Summer to Winter	S	4	4	Su					24	Mex.
3	<i>Lantana camara</i> and cultivars	Bush Lantana	Orange, Yellow, Red, Pink	Spring to Fall	S	3	4	Su			Yes	Yes	10-20	U.S., Tropics
3	<i>Lantana montevidensis</i>	Trailing Lantana	Lavender	Spring to Summer	Gc	1.5	6	Su					25	S. Amer.
3	<i>Leptochloa dubia</i>	Green Sprangle-Top	Green	Summer	Gr	3	1	Su		a			5	CD,SD
3	<i>Linum grandiflorum</i> 'Rubrum'	Scarlet Flax	Scarlet	Spring	An	2	1	Wi						N. Africa
3	<i>Linum lewisii</i>	Blue Flax	Bright Blue	Spring	An	2	1	Wi					-30	SD,CD
3	<i>Lysiloma watsonii</i> var. <i>thornberi</i>	Feather Tree	White	Late Spring	T,S	20	20	Su			Yes	Yes	25	SD
3	<i>Malephora lutea</i>	Rocky Point Ice Plant	Yellow	Nearly all year	Gc, P	8	4	Su					15	S. Africa
3	<i>Mirabilis multiflora</i>	Desert Four O'clock	Hot Pink	Summer to early Fall	Gc,P, V	3	4	Su					25	U.S.
3	<i>Muhlenbergia capillaris</i>	Regal Mist	Pink	Fall	Gr	3	3	Su					-20	U.S.
3	<i>Muhlenbergia dumosa</i>	Bamboo Muhly	Green dries to tan	Spring to Summer	Gr	6	6	Su		a			20	SD
3	<i>Muhlenbergia lindheimeri</i>	Autumn Glow	Yellow dries to tan	Fall	Gr	5	5	Su		a			-10	TX
3	<i>Muhlenbergia rigida</i>	Purple Muhlenbergia	Purple dries to tan	Late Summer to Fall	Gr	5	3	Su		a			0	SD
3	<i>Myoporum parvifolium</i>	Purple Myoporum	White	Spring to Summer	Gc	0.5	9	Su					25	Austr.
3	<i>Myrtus communis</i> & varieties	True Myrtle, Roman Myrtle	White	Spring	S	6	5	Su					20	Medit.



WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
3	Nandina domestica & varieties	Heavenly Bamboo	White followed by Red berries	Spring	S	6	4	Su					15	Asia
3	Osteospermum fruticosum	Trailing African Daisy	White, Purple	Winter to Spring	Gc	1	4	Wi		c			20	Africa
3	Penstemon amphorellae		Blue	Late Spring	P	1	2	Su					0	Central Mex.
3	Penstemon baccharifolius	Cutleaf Penstemon	Red-Rose	Summer	P	2	3	Su					10	CD
3	Penstemon barbatus	Beardtongue Penstemon	Red	Summer to early Fall	P	1	1	Wi					5	SD,CD
3	Penstemon cardinalis	Cardinal Penstemon	Red	Spring, Summer	P	1	1-2	Wi					5	TX
3	Penstemon cobaea	Foxglove Penstemon	White-lavender	Spring	P	1	1	Wi					-25	TX?
3	Penstemon eatoni	Firecracker Penstemon	Red	Late Winter to Early Spring	P	1	1	Wi					-30	SD
3	Penstemon fendleri	Fendler Penstemon	Violet	Spring through Summer	P	1	1	Wi					5	OK, AZ, NM
3	Penstemon grandiflorus	Large Fendler Penstemon	Lavender	Early Summer	P	1	1	Wi					-40	TX
3	Penstemon palmeri	Palmer Penstemon	White, Pink	Spring through Summer	P	2	2	Wi					5	SW U.S.
3	Penstemon parryi	Parry Penstemon	Pink, Red	Early Spring	P	1	1	Wi			Yes	Yes	15	SD
3	Penstemon pinifolius	Pineleaf Penstemon	Red, Orange	Summer	P	1	2	Su					-40	No. AZ, UT
3	Penstemon pseudospectabilis	Canyon Penstemon, Mohave Beardtongue	Rose-purple	Spring to mid-Summer	P	1	1	Wi					5	SD
3	Penstemon spectabilis	Mojave Penstemon, Royal Penstemon	Blue-purple	Spring to mid-Summer	P	1	1	Wi					15	CA, N. Baja Mex.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
3	<i>Penstemon strictus</i>	Rocky Mountain Penstemon	Blue	Early Summer	P	1	1	Su					-30	W. U.S.
3	<i>Penstemon subulatus</i>	Little Beardtongue	Red	Spring	P	1	1	Wi						SD
3	<i>Penstemon superbus</i>	Superb Penstemon, Santa Rita Penstemon	Coral-red	Spring	P	2	2	Wi					-30	CD, SD, N.M.
3	<i>Penstemon triflorus</i>	Hill Country Penstemon	Rose	Early Spring	P	1	1	Wi					10	TX
3	<i>Penstemon wrightii</i>	Texas Rose, Wright's Penstemon	Orange- Pink	Spring to Summer	P	1	1	Wi					10	TX
3	<i>Phyla nodiflora</i>	Lippia	White	Summer	Gc	.125	0.5	Su					15	Trop. America
3	<i>Pinus roxburghii</i>	Chir Pine	insignificant		T	80	40	Su		c			20	Asia
3	<i>Pistacia atlantica x integerrima</i>	Pistache hybrid tereb. x integerrima			T	30	30	Su		c			0	Medit. x Asia
3	<i>Pistacia chinensis</i>	Chinese Pistache	Green (Red leaves) Fall color		T	60	50	Su		c			10	Asia
3	<i>Pittosporum tobira</i> & cultivars	Mock Orange	White		S	6	10	Su					29	Asia
3	<i>Poliomintha maderensis</i>	Lavendar Spice	Lavender	Spring through Summer	S	2	2	Su					20	CD
3	<i>Portulacaria afra</i>	Elephant Food	Pink inconspicuous	rarely blooms in U.S.	Sc	12	12	Su, Wi					25	S. Africa
3	<i>Punica granatum</i> & varieties	Pomegranate	Dark Orange, Red	Summer	T,S	20	15	Su					10	India
3	<i>Pyracantha</i> & varieties	Pyracantha (red berried types)	White followed by Red berries	Spring	S	20	12	Su					0-10	Asia
3	<i>Quercus arizonica</i>	Arizona White Oak	Green inconspicuous		T	60	30	Su		b			5	SD,CD

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
3	<i>Quercus buckleyi</i> (Q texana)	Texas Red Oak	Green inconspicuous; Red Fall Color		T	30	30	Su		b			5	W. TX
3	<i>Quercus emoryi</i>	Emory Oak	Green inconspicuous		T	50	40	Su		b			5	SD,CD
3	<i>Quercus fusiformis</i>	Escarpment Live Oak	Green inconspicuous		T	50	50	Su		b			-10	W. TX
3	<i>Quercus gambelii</i>	Gambel Oak	Green inconspicuous		T,S	30	15	Su		b			-30	SW U.S.
3	<i>Quercus ilex</i>	Holly Oak	Green inconspicuous		T	50	50	Su		b			5	Medit.
3	<i>Quercus muhlenbergia</i>	Chinquapin Oak	Green inconspicuous, Orange and Bronze		T	30	30	Su		b			-20	W. TX
3	<i>Quercus polymorpha</i>	Monterey Oak	Green inconspicuous		T	80	60	Su		b			0	W. TX
3	<i>Quercus suber</i>	Cork Oak	Green inconspicuous		T	60	40	Su		b			5	Medit.
3	<i>Quercus virginiana</i>	Live Oak	Green inconspicuous		T	50	50	Su		b			15	SE U.S.
3	<i>Rosa banksiae</i>	Lady Banks Rose, Tombstone Rose	White, Yellow	Spring	S,Gc,V	20	20	Su					10	China
3	<i>Ruellia brittoniana</i> & varieties	Dwarf Ruellia	Blue, White	Throughout warm season	Gc	6	12	Su					15	Mex.
3	<i>Salvia columbariae</i>	Chia	Blue	Spring	An	.5	.25	Wi					32	SD
3	<i>Salvia farinacea</i>	Mealy Cup Sage, Texas Violet	Violet, Blue, White	Spring to early Fall	S	1	1	Su					-10	CD
3	<i>Salvia greggii</i>	Red Chihuahan Sage, Autumn Sage	Red, Hot Pink, Purple, White	Spring to Summer	S	3	3	Su					5	CD
3	<i>Salvia leucantha</i>	Purple Mexican Bush Sage	Purple	Spring to Fall	S	4	4	Su					25	Mex.

WU	BOTANICAL NAME	COMMON NAME	FLOWER COLOR	BLOOM SEASON	PT	H	W	GS	TOXIC	AL	INV	SCA	°F	ORIGIN
3	<i>Sambucus nigra</i> spp. <i>Cerulea</i> ( <i>S.mexicana</i> )	Mexican Elderberry	Creamy White	Winter and Spring	T	30	20	Wi					25	SD,CD
3	<i>Santolina virens</i>	Green Santolina	Creamy Yellow	Spring	S,Gc	2	2	Wi					-20	Medit.
3	<i>Sapindus saponaria</i> <i>saponaria</i>	Soapberry	Creamy White	Late Spring	T	30	30	Su	Yes				30	Mex.
3	<i>Schinus molle</i>	California Pepper Tree	Yellow-white (insignificant)	Summer	T	40	45	Su		b			25	S. Amer.
3	<i>Sporobolus cryptandrus</i>	Sand Dropseed	White		Gr	2	1	Su		a			6-12	SD,CD
3	<i>Sporobolus wrightii</i>	Big Sacaton	Green	Late Summer to Fall	Gr	5	4	Su		a			-30	SD,CD
3	<i>Tagetes lemmoni</i>	Mountain Marigold	Orange, Yellow	Spring and Fall	P	3	6	Su					28	SD
3	<i>Tecoma capensis</i> ( <i>Tecomaria capensis</i> )	Cape Honeysuckle	Orange	Late Fall to Winter	S,V	8	6	Su					28	Africa
3	<i>Ungnadia speciosa</i>	Mexican Buckeye	Rose-pink	Spring	T	12	12	Su					10	CD
3	<i>Viguiera stenoloba</i>	Skeleton-leaf Goldeneye	Yellow	Summer to Fall	S	4-6	3-4	Su					10	TX, NM, No. Mex.
3	<i>Wedelia texana</i> and cultivars ( <i>Zexmenia hispida</i> )	Rough Zexmenia, Devil's River	Orange, Yellow	Spring through Fall	S	2-3	2-4	Su				Yes	10	SW U.S., TX
3	<i>Xylosma congestum</i>	Xylosma	insignificant	Spring	T,S	15	15	Su					15	China
3	<i>Zauschneria californica</i> & varieties	Hummingbird Trumpet	Red, Orange	Summer and Fall	Gc	2	2	Su					20	SD
3	<i>Zephyranthes</i> spp. & varieties	Rain Lily	varies by species- White, Rose, Pink	Summer	Gc,P	1	1.5	Su					0	S. Africa

*2004 Supplemental Low Water Use Drought Tolerant Plant List - Tucson Active Management Area*

Water Use	Botanical Name	Common Name	Growing Season	Plant Type	Allergenic	Hardiness	Toxic	Invasive	Seasonal Color	Origin	Spreads in Cultivated Areas	Canopy Size	Mature Height
1	<i>Agave americana</i> v. <i>marginata</i>	Variegated Century Plant	Su	A,Sc		sh			No	Mex.		13	10
1	<i>Agave americana</i> v. <i>mediopicta</i>	Yellow Striped Agave	Su	A,Sc					No	Gardn Cult.		4	4
2	<i>Agave desmettiana</i> 'variegata'	Varigated Smooth Agave	Su	A,Sc		t			No	Mex.		3	3
2	<i>Agave parryi</i> v. <i>neomexicana</i>	Agave Neomexicana	Su	A,Sc					No	CD		2	2
2	<i>Agave parryi</i> v. <i>parryi</i>	Parry's Agave	Su	A,Sc					No	SD		2	2
2	<i>Agave parryi</i> v. <i>truncata</i>	Artichoke Agave	Su	A,Sc					No	Mex.		3	3
2	<i>Agave victoriae-reginae</i> 'compacta'	Compact Queen Victoria Agave	Su	A,Sc					No	Mex.		1	.8
2	<i>Anisacanthus quadrifidus</i> v. <i>wrightii</i>	Mexican Fire	Su	S					Yes	CD		5	5
2	<i>Baccharis sarothroides</i> 'Centennial'	Centennial Desert Broom	Su	S,Gc	b				No	SD		9	2
2	<i>Bouteloua chondrosioides</i>	Sprucetop Grama	Su	Gr	a				No	SD,CD		1	1.5
2	<i>Bouteloua curtipendula</i>	Sideoats Grama	Su	Gr	a				No	SD,CD		1	2-3
2	<i>Bouteloua eriopoda</i>	Black Grama	Su	Gr	a				Yes	SD		1	1
2	<i>Bouteloua gracilis</i>	Blue Grama	Su	Gr	a				No	SD,CD		1	.5
2	<i>Bouteloua gracilis</i> 'rothrockii'	Rothrock Grama	Su	Gr	a				No	SD,CD		1	1
2	<i>Bouteloua hirsuta</i> .	Hairy Grama	Su	Gr	a				No	SD		1	1
3	<i>Bulbine frutescens</i> 'Hallmark'	Shrubby Bulbine	Wi	S,P		sh			Yes	S. Africa		2	2
3	<i>Calylophus hartwegii</i> v. <i>fendleri</i>	var. Sundrops	Su, Wi	Gc					Yes	CD, E. AZ, NM		3	1.5
3	<i>Chilopsis linearis</i> 'lucretia hamilton'	Desert Willow	Su	T					No	W. U.S cultivar		20	20
3	<i>Chilopsis linearis</i> 'warren jones'	Desert Willow	Su	T					No	W U.S. cultivar		25-30	25-30
3	<i>Cupressus arizonica</i> 'blue ice'	Arizona Cypress var. 'blue ice'	Su	T					No	SD		20	50

Water Use	Botanical Name	Common Name	Growing Season	Plant Type	Allergenic	Hardiness	Toxic	Invasive	Seasonal Color	Origin	Spreads in Cultivated Areas	Canopy Size	Mature Height
2	<i>Dalea bicolor argyrea</i>	Silver Dalea	Su	S					Yes	CD		4	4
2	<i>Dalea bicolor v. bicolor</i>	Monterrey Blue	Su	S					No	CD		6-8	5-6
1	<i>Echinocereus pectinatus</i>	Hedgehog, Strawberry Cactus	Su	C					Yes	CD, SD		2	2
2	<i>Ericameria laricifolia</i>	Aguirre TM	Su, Wi	S					No	Austr.		2-3	2-3
2	<i>Ericameria laricifolia 'desert mountain'</i>	Turpentine Bush	Su, Wi	S					Yes	SD		3	3
1	<i>Ferocactus acanthodes</i>	Compass Barrel Cactus	C						Yes	SD,CD		1.5	1.5
1	<i>Ferocactus acanthodes</i>	Compass Barrel Cactus	C						Yes	SD,CD		1.5	1.5
3	<i>Gazania rigens</i>	Treasure Flower Gazania	Wi	Gc					Yes	Africa		1	1
3	<i>Gazania rigens leucolaena</i>	Trailing Gazania	Wi	Gc		t			Yes	Africa		1.5	1
3	<i>Gazania rigens 'sun gold'</i>	Gazania	Wi	Gc,P					Yes	S. Africa		36	12
3	<i>Myrtus communis 'Boetica'</i>	Twisted Myrtle	Su	S					No	Medit.		8	12
3	<i>Myrtus communis 'Compacta'</i>	Dwarf Myrtle	Su	S					No	Medit.		6	6
2	<i>Prosopis</i>	Chilean Mesquite	Su	T	b				No	S. Amer.		40	40
2	<i>Prosopis glandulosa</i>	Maverick TM Mesquite	Su	T	b				No	Hybrid		30	30-35
2	<i>Prosopis hybrid</i>	Phoenix TM Mesquite	Su	T	b				No	AZ		30	30
2	<i>Rhus trilobata</i>	Three Leaf Sumac	Su	S	c				Yes	Can.,U.S., Mexico		8-10	3-5
2	<i>Rhus trilobata 'autumn amber'</i>	Prostrate Rhus	Su	S	c				No	Can.,U.S., Mexico		3-5	8-10
2	<i>Vauquelinia corymbosa ssp. Angustifoli</i>	Chihuahuan Rosewood	Su	S					Yes	TX, Mexico		20	15
2	<i>Vauquelinia corymbosa ssp. Heterodon</i>	Nuevo Leon Rosewood	SU	T,S					Yes	SW. TX, N. Mex.		10-25	10-25
2	<i>Vauquelinia californica v. pauciflora</i>	Little Leaf Rosewood	Su	S		h			Yes	S. AZ		10-25	10-15
3	<i>Zephyranthes candida</i>	White Rain Lily	Su	Gc,P					Yes	S. Africa		1	1
3	<i>Zephyranthes spp. 'prairie sunset'</i>	Rain Lily, pink, white and yellow	Su	Gc,P					Yes	S. Africa		1.5	1

## *Tucson Active Management Area Denied Plants*

<b>Botanical Name</b>	<b>Common Name</b>	<b>Explanation</b>
Aquilegia chrysantha	Yellow Columbine	high water use
Carex pansa	California Meadow Sedge	high water use
Carex perdentata	Texas Meadow Sedge	high water use
Carex tumulicola	Berkeley Sedge	high water use
Chitalpa tashkentensis 'pink dawn'	Chitalpa	comment this is a cultivar of a plant removed from the list
Conoclinium (eupatorium) greggii	Boothill	high water use
Cortaderia selloana 'pumila'	Dwarf Pampas Grass	high water use
Drosanthemum speciosum 'rosea'	Iceplant	high water use
Duranta erecta 'sweet memory'	Golden Dew Drop	high water use
Dyssodia acerosa	Dogweed	similar plant already listed
Erigeron karvinskia 'profusion'	Santa Barbara Daisy	high water use
Gaura lindheimeri 'siskiyou'	Pink Gaura	high water use
Gaura lindheimeri 'whirling butterflies'	White Gaura	high water use
Hibiscus x 'moy grande'	Hibiscus	high water use
Juglans major	Arizona Walnut	high water use
Loncieta x americana	Pam's Pink Honeysuckle	high water use
Morus microphylla	Texas Mulberry	illegal to plant in Pima Co. due to pollen
Muhlenbergia annua	Hairawn Muhly	need Tucson growth info.
Muhlenbergia capillaris	Muhlenbergia	high water use
Muhlenbergia wrightii	Spike Muhly	need Tucson growth info.
Panicum virgatum 'prairie sky'	Switch Grass	high water use

<b>Botanical Name</b>	<b>Common Name</b>	<b>Explanation</b>
Plantanus mexicana	Mexican Sycamore	high water use
Platanus wrightii	Arizona Sycamore	high water use
Plumbago scandens	Summer Snow	high water use
Podranea ricasoliana	Pink Trumpet Vine	high water use
Poulownia kawakami	Sapphire Dragon	need Tucson growth info.
Ruselia equisteiformis	Coral Fountain	high water use
Saccharum ravennaie	Ravenna Grass	high water use
Stachys coccinea	Texas Betony	high water use
Symphotrichum praeltum	Rodney's Aster	high water use
Ulmus parvifolia semperviren	Evergreen Elm	high water use
Vetiveria zizanioides	Vetiver	high water use
Viguiera annua	Golden Eye	similar plant already listed
Viguiera longiflora	Viguiera	similar plant already listed
Viguiera multiflora	Viguiera	similar plant already listed
Vitis californica 'roger red'	Red California Grape	high water use



## *Tucson Active Management Area Deleted Plants*

<b>Botanical Name</b>	<b>Common Name</b>	<b>Explanation</b>
Abronia villosa	Sand Verbena	not widely available, vulnerable to predation
Acacia abyssinica	Abyssinian Acacia	freezes easily, high water use
Catalpa x chilopsis	Chitalpa	high water use
Eragrostis lehmanniana	Lehmann's Love Grass	invasive
Eragrostis lehmanniana-x E. atherstoni	Cochise Love Grass	invasive
Festuca megalura	Zorro Fescue	invasive, weedy annual
Hilaria jamesii	Galleta Grass	high elevation grass >5000'
Panicum virgatum	Switch Grass	weedy annual, not available
Pennisetum setaceum	Green Fountain Grass	invasive
Rhus lancea	African Sumac	invasive, competes with native plant life
Salvia splendens	Sage, Scarlet	high water use
Setaria macrostachya	Plains Bristle Grass	invasive, weedy annual
Tamarix aphylla	Athel Tree, Tamarisk	invasive roots, poor urban tree
Tamarix parviflora/chinensis	Spring Flowering Salt Cedar	invasive
Yucca recurifolia (pendula)	Pendulous/Curveleaf Yucca	poor performance, attacked by grubs/mites

## *Tucson Active Management Area Plants to be Tested for Suitability*

<b>Botanical Name</b>	<b>Common Name</b>
Acalypha monostachya	Raspberry Fuzzies
Aloe camperi	NCN
Aloe dawei	Dawe's Aloe
Aloe dichotoma	Kokerbom
Aloe marlothii	NCN
Aloe sinkatana	NCN
Aloysia virgata	Incense Bush
Andropogon gerardii	Big Bluestem
Artemisia arborescens	Silvery Sagebrush
Asclepias tuberosa	Butterfly Bush
Bauhinia mexicana	Mexican Orchid Tree
Caryopteris x clandonensis 'dark knight'	Blue Mist
Cassia oliogophylla	Outback Cassia
Eucalyptus salmonophloia	Salmon Gum
Eucalyptus salubris	Gimlet
Malpighia glabra	Barbado Cherry
Manfreda Maculosa	Texas Tuberose
Parthenocissus sp.	Hacienda Creeper
Pavonia lasiopetala	Rock Rosemallow
Pennisetum setaceum 'eaton canyon'	Fountain Grass- possibly invasive-a different cultivar was previously removed
Perovskia atriplicifolia	Russian Sage
Rhus lanceolata	Flame Leaf Sumac- possibly invasive
Salvia coahuilensis	NCN
Sophora affinis	Texas Sophora
Sophora arizonica	Arizona Neclacepod
Sorghastrum nutans	Indian Grass
Tecoma hybrid 'sunrise'	
Tecoma sp. 'orange jubilee'	
Tecoma Stans 'gold star'	