

SIERRA VISTA PLANT LIST - INTRODUCTION

This low water landscaping plant list contains native and desert adapted plants that are, with a few exceptions, hardy to at least 15 degrees F. The exceptions are indicated as marginal. Cochise County is designated as Hardiness Zone 8 by the United States Department of Agriculture (USDA), and Zone 10 in the Sunset Western Garden Book. If properly planted and maintained, the recommended plants should provide an easy care, water efficient, and attractive property.

Not all plants on this list are available at local nurseries and outlets; however, landscapers and nurseries have access to growers and wholesale distributors with larger inventories. Many nurseries and outlets will gladly special-order plants not in stock. Avoid purchasing plants that are not hardy to at least 15 degrees F and that require regular or ample irrigation.

Remember, by landscaping with plants that are not native or desert adapted, you will invite trouble and will be wasting your money, time, and our most precious resource: water.

Watering too little can cause plants to wilt and die, but too much water starves the roots of oxygen and encourages weed growth. Irrigation intervals are different for newly planted plants, established plants, and types of plants (trees, shrubs, perennials, etc.). The intervals suggested below were developed for the Phoenix area and can be used as a guide for Cochise County. Water according to this schedule and adjust as necessary.

WATERING INTERVALS FOR **NEWLY PLANTED** DESERT ADAPTED PLANTS

	Summer	Fall through Spring
Weeks 1 & 2	1-2 days	3-4 days
Weeks 3 & 4	3-4 days	6-7 days
Weeks 5 & 6	4-6 days	7-10 days
Weeks 7 & 8	7 days	10-14 days
After Weeks 8	Gradually extend the time between irrigations until plants are established.	

It usually takes one years to establish small plants, two years for shrubs, and three years for trees.

WATERING INTERVALS FOR **ESTABLISHED** DESERT ADAPTED PLANTS

	Spring	Summer	Fall	Winter
Trees	14-30 days	7-21 days	14-30 days	30-60 days
Shrubs	14-30 days	7-21 days	14-30 days	30-45 days
Perennials	14-30 days	7-21 days	14-30 days	21-45 days
Succulents	21-45 days	14-30 days	21-45 days	<u>If needed</u> – See below.

(Plant watering recommendations adapted from *Landscape Watering by the Numbers*, published by “Water, Use it Wisely”)

Once established, many native and desert adapted plants can survive on rainfall along with occasional supplemental watering during extended dry periods. Even during dry periods, established succulents need very little water, so do not water them unless you see signs of stress.

If you water more frequently for shorter periods of time, you may be encouraging shallow root growth, inviting failure, and wasting water.

Note: Watering intervals for non-desert adapted plants are much more frequent and result in a waste of our precious water. When you water make sure you water at the drip line to the depth of the root zone (1 foot deep for annuals, biennials, perennials, and groundcovers, 2 feet deep for shrubs, and 3 feet deep for trees each time you water). After one hour, a good way to test moisture depth is to insert a metal rod into the irrigated area. If the rod pushes down easily to the required depth, then the soil is sufficiently irrigated. Water again when you can't push the rod more than four inches into the ground. If you encounter resistance when you try to push the probe into the soil, then you have not watered deeply enough. If you don't encounter resistance at the prescribed depth, then you probably have over-watered. Water again when you can't push the rod more than four inches into the ground. Deep and infrequent watering is a good practice to follow as it makes your plants more water efficient.

Because of differing water needs, it is best to place trees and shrubs on separate irrigation valves. If the irrigation system is already in place and on one valve, you can compensate by changing the number and/or size of the emitters, hand-watering smaller plants that cannot survive longer frequencies or plugging all emitters around your trees and using soaker hoses instead, and by increasing the mulch around smaller plants to slow evaporation (keep organic mulches three to four inches from plant stems in order to avoid rot and rodent damage).

Move the emitters out as the plant grows. Roots near tree trunks do not absorb water. After a plant is established, water at the outer edge of the plant drip line where the feeder roots are concentrated. If it rains one-half inch or more, skip the next interval. Water plants in sandy soil more frequently than plants in clay soil.

If you are adjusting your irrigation seasonally, then continue to do so. If you are not, then start by following the seasonal guidelines above and reduce your landscape watering by 30 to 50%.

Learn all you can about plants. Consult Southwest gardening books, your local library, nurseries, or call the University of Arizona Cooperative Extension (520) 458-8278 Ext. 2141) for gardening assistance. The county website (<http://ag.arizona.edu/cochise>) contains a wealth of gardening information. Additionally, you can submit gardening questions to the web site and they will be answered in a few days. Also, seven days a week and twenty-four hours a day the Internet can be easily accessed for information on practically all phases of gardening.

Key to symbols:

PLANT WATER USE:

1 – No supplemental Water - Can survive on rainfall

2 – Little – Infrequent supplemental water

3 – Moderate – Water on average every 2 weeks during the hottest months of May-August; every 3 weeks Mar-April and September-October; and every 6 weeks November-February. (**Refer to Watering Guidelines above**)

PLANT TYPE:

T=Tree, **S**=Shrub, **V**=Vine, **C**=Cactus, **Gc**=Groundcover, **Sc**=Succulent, **A**=Annual (flowers first year, then dies), **B**=Biennials (flowers 2nd year, then dies), **P**=Perennials (flowers every year): Includes some flowers that can be used as groundcovers (**Gc**), **Gr**=Grass

spp. = Species

***Grasses:** More are available - Check nurseries for availability, water needs & hardiness - All grasses flammable when dry - Almost all grasses are allergenic to some extent - Mowing grasses before they develop seedheads will reduce their tendency to be allergenic - Grasses listed are bunch grasses unless noted.*

***Succulents:** Hundreds are available, check with nursery for water requirements & hardiness - In general, succulents are FR,*

Agaves: Most agaves die after flowering, may take five to forty years to flower.

SUN:

FS = Full Sun, **Psh** = Partial Shade

EVERGREEN:

E=Evergreen, **SE**=Semi-evergreen, **D**=Deciduous

NATIVE:

N=Cochise County Native Species

FLAMMABLE:

FR = Flame Resistant, **FL** = Flammable

TOXIC:

* = Toxic

The information provided is for educational purposes only. We have indicated the plants that are most commonly known as toxic; however it is possible that any of the plants on this list may cause reactions in certain individuals. Call the Arizona Poison Control Center (1-800-362-0101, open 24 hours per day, seven days per week) if you have a toxic or allergenic concern. Please consult a healthcare professional for advice on any health issues.

MARGINAL:

M = Not cold hardy.

Recommended Plants for Sierra Vista

Water Use	Scientific Name	Common Name	Plant Type	Mature Size	Sun	Evergreen	Flammable	Native	Toxic	Cold Hardy	Remarks
2	<i>Acacia angustissima</i> 'Hirta'	Fern Acacia	S	5' H & W	FS , Psh	D		N			May freeze to ground in winter, but will recover. Soak root zone every month or two in summer, less or not at all in winter.
1 - 2	<i>Acacia berlandieri</i>	Guajillo	T	5-12'H 5-20'W	FS	E	FL			M	Thornless forms available
2	<i>Acacia constricta</i>	White Thorn Acacia	S	6 - 20' H & W	FS	D		N			Bark looks red in winter when wet
2 - 3	<i>Acacia crassifolia</i>	Butterfly-leaf Acacia	T	10-15'H & W	FS , Psh	E					Leaves butterfly winged shaped
1 - 2	<i>Acacia greggii</i>	Catclaw Acacia	T	15-25'H 15'W	FS	D		N			Thorns . Shrubby in drought, treelike with water.
1 - 2	<i>Acacia rigidula</i>	Blackbrush Acacia	T or S	10-15' H&W	FS	SE					Fragrant, pale yellow flowers almost glow on a bright spring day. To train to a single stalk, trim off suckers at base.
1 - 2	<i>Acacia smallii</i>	Sweet Acacia	T	10-35'H15-25'W	FS	D	FL			M	Thorns
1 - 2	<i>Acacia stenophylla</i>	Shoestring Acacia	T	30' H 20' W	FS	D	FL			M	Thornless
2 - 3	<i>Achillea 'moonshine'</i>	Moonshine Yarrow	P	1.5' - 2' H 2' W	FS	E	FR				Silver gray foliage, deep yellow flowers
2 - 3	<i>Achillea filipendulina</i>	Fernleaf Yarrow	P	4-5'H 3'W	FS						Deep green fernlike leaves. Bright yellow flowers. Several varieties.
2 - 3	<i>Achillea millefolium</i>	Common Yarrow	P	See remarks	FS	E	FR				Many varieties of different colors. Spreads by underground runners.
3	<i>Achillea serbica</i>	Serbian Yarrow	P	4" H 15" W	FS		FR				Slow growing mats of evergreen leaves covered with numerous white flowers
3	<i>Achillea X kellereri</i>	Keller's Yarrow	P	6" H 12' W	FS		FR				Large white flower clusters continue through summer
1 - 2	<i>Achnatherum hymenoides</i>	Indian Rice grass	Gr	1-2' H & W	FS						Cool season grass. Leaves green in cool weather, golden brown in summer heat. Useful plant in desert landscapes.
3	<i>Agastache spp.</i>	Agastache	P	2-4' H & W	FS , Psh						Check nursery for interesting hybrids and water requirements. Reblooms if deadheaded.
1 - 2	<i>Agave americana</i>	Century Plant	Sc	6' H 10' W	FS , Psh	E					Variegated varieties available
1 - 2	<i>Agave lechuguilla</i>	Lechuguilla	Sc	10-20"H 8"W	FS , Psh	E					Note small size. Colonizes.
1 - 2	<i>Agave palmeri</i>	Palmer's Agave	Sc	3-4' H & W	FS , Psh	E		N			The most common agave found in the grasslands.
1 - 2	<i>Agave parryi</i>	Parry's Agave	Sc	2-3' W	FS , Psh	E		N			3' rosettes. Several varieties available
1 - 2	<i>Agave parryi var. huachuensis</i>	Huachuca Agave	Sc	2 - 3' W	FS , Psh	E		N			Common in the Huachuca Mountains
1 - 2	<i>Agave parviflora</i>	Agave Parviflora	Sc	6"H 8"W	FS , Psh	E					Petiite plants ideal for pots or small patio areas
1 - 2	<i>Agave scabra</i>	Rough-leaved Agave	Sc	4' H & W	FS	E					Wide gray green leaves rough on the back

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1 - 2	<i>Agave utahensis</i>	Agave Utah	Sc	1'H 2'W	FS	E					This species highly variable in form, size, and color. Often forms large clumps.
1 - 2	<i>Agave victoriae reginae</i>	Agave Victoria	Sc	Clumps 1' W	FS , Psh	E					Slow growing, can stand in ground or pot 20 years before flowering, and then die
3	<i>Albizia julibrissin</i>	Mimosa (Silk Tree)	T	40'H 60'W	FS , Psh	D					Can be controlled to a 10 to 20' umbrella patio tree. Sometimes multi stemmed.
3	<i>Aloysia gratissima</i>	Whitebrush	S	6'H 8'W	FS , Psh	D					Flowers strongly vanilla scented
3	<i>Aloysia wrightii</i>	Wright's Bee Bush	S	5' H & W	FS , Psh, but prefers sun	D		N			Blooms spring through fall
3	<i>Alyssum montanum</i>	Mountain Gold Alyssum	Gc	4"H 18""W	FS	P	FR				After bloming is finished, sheer off the faded flowers just above the foliage and enjoy the texture of its low growing gray green mat of leaves
3	<i>Alyssum wulfenianum</i>	Alyssum	P	1.5' W mound	FS , Psh						Prostrate & trailing with pale yellow flowers
3	<i>Amorpha canescens</i>	Leadplant	P	2-4' H 3' W	FS						Prune to 1' in fall to increase flowers
2 - 3	<i>Anacyclus depressus</i>	Mount Atlas Daisy	P	3" H 15" W	FS	E					Silvery gray foliage with white daisy flowers. Good plant for edging pathways.
3	<i>Anisacanthus quadrifidus wrightii</i>	Desert Honeysuckle	S	3' H - 4' H	FS , Psh	D					Rabbits love new shoots, so protect. For compact shape and prolific bloom, cut back to 1/2 to 1/3 before spring growth. Attracts hummingbirds.
3	<i>Anisacanthus thurberi</i>	Desert Honeysuckle	S	4' H & W	FS	D			*		Cut to ground before spring growth to rejuvenate. Attracts hummingbirds.
3	<i>Arbutus unedo</i>	Strawberry Tree	T or S	8 - 35' H & W	FS , Psh	E	FR				Non-edible fruits resemble strawberries in texture. Several varieties.
2 - 3	<i>Arctostaphylos pungens</i>	Manzanita	S	6' H & W	FS , Psh	E		N			Smooth red bark and crooked branches
1 - 2	<i>Aristida purpurea</i>	Purple Three-Awn	Gr	12 to 24"H 1' W	FS			N			Warm and cool season grass. Purple tinted stems and flowers.
1 - 2	<i>Artemisia filifolia</i>	Sand Sagebrush	P	4' H 5' W	FS				*		Many branched shrub. Yellowish white flowers bloom spring through fall .
2 - 3	<i>Artemisia frigida</i>	Fringed Wormwood	P	1.5' H & W	FS	E					Cut back as needed
2 - 3	<i>Artemisia spp.</i>	Artemisia	S or Gc	See remarks	FS	E		SOME N			Check with nursery for hardiness and size
2 - 3	<i>Artemisia spp.</i>	Artemisia spp.	P,S	See remarks	FS	E		SOME N			
2 - 3	<i>Artemisia stellerana</i>	Old Woman/Dusty Miller	P	2.5' 'H 3'W	FS	E					Another dusty miller
2	<i>Asclepias linaria</i>	Pineleaf Milkweed	S	2' H 3' W	FS	E		N		M	Delicate needle like leaves, 2" white flower clusters bloom Mar - Dec.

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1 - 2	<i>Asclepias spp.</i>	Milkweeds	P, some V	See remarks	FS , Psh	some E		SOME N			Height and width vary by species
3	<i>Asclepias tuberosa</i>	Butterfly Weed	P	3' H 1' W	FS			N			Long lasting cut flowers
1 - 2	<i>Atriplex canescens</i>	Four-wing Saltbush	S	3-6' H 4-8' W	FS	E	FR	N			To keep compact, cut back by one third each year before spring growth
1 - 2	<i>Atriplex lentiformis</i>	Quail Bush	S	3-10'H 6-12'W	FS	D	FR				Cut back by one third before spring growth
3	<i>Aurinia saxatilis/Alyssum</i>	Basket of Gold	P	8-12" H mound	FS , Psh	E					Many varieties. Shear lightly to one half right after bloom.
2 - 3	<i>Baccharis `starn'</i>	Baccharis `Starn'	S	3-4' H 4-5' W	FS	E					Tolerates desert heat & resists root rot. This male cultivar that does not produce seed clusters.
2 - 3	<i>Baccharis sarothroides</i>	Desert Broom	S	5' H & W	FS	E		N			Purchase male plants only, females produce messy cottony seed clusters
1	<i>Bahia absinthifolia</i>	Bahia	Gc	1' H & W	FS	P, E		N			Shallow caliche soil OK. Fast growth rate. New plants volunteer readily.
2	<i>Baileya multiradiata</i>	Desert Marigold	A or P	1.5' H & 1' W	FS	E	FR	N			Short lived, but freely reseeds
3	<i>Berberis haematocarpa</i>	Red Barberry	S	5' H & W	FS , Psh	E		N			Attractive foliage, pretty flowers, showy berries. Other barberries not water wise.
3	<i>Berberis trifoliata</i>	Agarita	S	6' H & W	FS	E	Some FR				Hollylike leaves. Yellow fragrant flowers Feb. thru Apr.
2	<i>Berlandiera lyrata</i>	Chocolate Flower	P	1.5 - 3' H & W	FS	E		N			Shear seedheads lightly to encourage more bloom. Dry for winter bouquets.
1 - 2	<i>Bothriochloa barbinodis</i>	Cane Beardgrass	Gr	3'H 1.5'W	FS , Psh						Warm season grass. Can be scattered throughout a desert landscape.
1 - 2	<i>Bouteloua</i>	Side-oats Grama	Gr	1-2' H 2' W	FS			N			Warm season grass. Grows from seed or division. Use in
2	<i>Bouteloua gracilis</i>	Blue Grama Grass	Gr	1.5' H 1' W	FS			N			Warm season turf and pasture grass. If used as turf it is not low water use.
2	<i>Brahea armata</i>	Mexican Blue Palm	T	40'H 25'W	FS	E					Takes heat & wind
2 - 3	<i>Buddleja marrubiifolia</i>	Wooly Butterfly Bush	S	5' H & W	FS	E					Small, ball shaped, orange flower clusters in spring and summer. Prune after bloom.
1 - 2	<i>Caesalpinia gilliesii</i>	Yellow Bird of Paradise	T or S	5-10' H 4' W	FS	D			*		Yellow flowers with red stamens. Naturalized.
1 - 2	<i>Caesalpinia pulcherrima</i>	Red Bird of Paradise	S	2-4' H & W	FS	D				M	Dies to ground in winter. Prune before spring growth. Red flowers.
1 - 2	<i>Calliandra eriophylla</i>	Fairy Duster	S or Gc	1-3' H - 4' W	FS , Psh	D	FR	N	*		No irrigation needed, but blooms will last longer with some summer water
3	<i>Callirhoe alcaeoides</i>	Logan Calhoun	P	6" H 18-24"W	FS						White flowers. Summer bloomer.
2 - 3	<i>Callirhoe involucrata</i>	Poppy Mallow	P	5" H 24-30"W	FS						Wine red flowers with a white eye all summer. Good cascader.
3	<i>Callistemon citrinus</i>	Bottlebrush	T or S	10-15' H&W	FS	E				M	Bruised leaves smell lemony

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2 - 3	<i>Calylophus spp.</i>	Sundrops	P	1.5' H 2' W	FS , Psh		FR	SOME N			Prune just before spring growth begins. Flowers in spring and from late summer to late fall (actually into winter).
2 - 3	<i>Cassia wislizenii</i>	Shrubby Senna	S	5-8'H 5-10-'W	FS	D		N			Brilliant yellow flowers in late summer
3	<i>Cedrus deodora</i>	Deodar Cedar	T	80'H 40'W	FS	E	FL				Many varieties available
3	<i>Celtis occidentalis</i>	Common Hackberry	T	50' H&W	FS , Psh	D					Resistant to oak root fungus. Good choice for street or lawn tree.
2 - 3	<i>Celtis pallida</i>	Desert Hackberry	T or S	10' H & W	FS , Psh	D	FR		*		Good for screen, barrier or erosion planting
3	<i>Celtis reticulata</i>	Netleaf Hackberry	T	25-30 'H & W	FS , Psh	D	FR	N			Good choice for street or lawn tree
2 - 3	<i>Centaurea, Artemisia, Senecio spp.</i>	Dusty Miller	A,P or B	See remarks	FS	E					Common name given to many plants with lovely gray foliage. Size varies.
2 - 3	<i>Centranthus ruber</i>	Jupiter's Beard	P	3' H & W	FS , Psh						Not fussy about growing conditions. Blooms late spring through summer.
2 - 3	<i>Ceratoides lanata</i>	Winter Fat	S	1.5 - 3' H & W	FS , Psh	E		N			Can be used in dry arrangements
2 - 3	<i>Cercidium Desert Museum</i>	Desert Museum Palo Verde	T	20 ' H & W	FS	D					Clean, thornless and few seedpods and litter. Prune only to enhance form. Don't prune in summer. Hybrid.
2 - 3	<i>Cercidium floridum</i>	Blue Palo Verde	T	35'H 30'W	FS	D					Do not prune in summer. Prune only to enhance form.
2 - 3	<i>Cercidium microphyllum</i>	Littleleaf Palo Verde	T	20' H & W	FS	D		N			Also called foothills palo verde Arizona state tree.
3	<i>Cercis occidentalis</i>	Western Redbud	T or S	10-18 'H & W	FS , Psh	D	FR				Multi stemmed. Magenta flowers in spring. Many seed pods in summer. 'Alba' is a 3 to 6' white flowered shrub.
1 - 2	<i>Cercocarpus spp.</i>	Mountain Mahogany	T or S	See remarks	FS	E or D		SOME N			Check with nursery for sizes
2 - 3	<i>Chamaebatiaria millefolium</i>	Fernbush	S	6-8'H&W	FS	D, SE,E					Fragrant, light green ferny foliage. Upright white flower clusters 4" long.
3	<i>Chamaemelum nobile</i>	Chamomile	P	3-12" mat	FS , Psh						Small yellow button flowers. Useful between stepping stones.
2 - 3	<i>Chilopsis linearis</i>	Desert Willow	T or S	15-30'H10-20'W	FS	D	FR	N			Flowers spring to fall, producing trumpet shaped blossoms that attract hummingbirds. Sterile varieties not messy. Usually multi trunked.
2 - 3	<i>Chitalpa tashkentensis</i>	Chitalpa	T	20-30' H&W	FS	D					Flowers spring to fall. Chitalpa is a cross between Catalpa and Desert Willow. Susceptible to leaf spot, but won't harm tree. Rapid grower.
2 - 3	<i>Chrysactinia mexicana</i>	Damianita	S	2' H & W	FS	E					Shear in early spring. Cut back severely if too woody.

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1 - 2	<i>Chrysothamnus nauseosus</i>	Rabbitbrush	S	6' H 3' W	FS	E	FR	N			Leaves and stems aromatic. Good for natural plantings. <i>C. viscidiflorus</i> also available. Important: must have good drainage.
2 - 3	<i>Cissus trifoliata</i>	Arizona Grape Ivy	V	Climbs to 30'x2'W	FS				*		Evergreen only in warmest locations. Useful for covering chain link fences or trellises.
2	<i>Condalia lycioides, mexicana, spathulata</i>	Crucillo	S	8'- H - 10' W	FS	E		N			Good as security barrier but slow growing
2	<i>Conoclinium (Eupatorium) greggii</i>	'Boothill'	P	1.5 -2'H 1-3'W	FS , Psh			N			First found near Tombstone. Fluffy lavender flowers late spring to fall .
3	<i>Convolvulus cneorum</i>	Bush Morning Glory	S/Gc/V	2-4' H & W	Psh , FS	E			*	M	
2 - 3	<i>Cordia parvifolia</i>	Little-leaf Cordia	S	4-8' H 4-10' W	FS	E	FR				Can be used as an informal hedge
2 - 3	<i>Coreopsis spp.</i>	Coreopsis	A or P	See remarks	FS		FR				Many species. Check with nursery for hardiness, size and interesting varieties.
3	<i>Cosmos spp.</i>	Cosmos	A or P	See remarks	FS						Various colors Several varieties from 1 to 7' H
2 - 3	<i>Cotoneaster spp.</i>	Cotoneaster	S or Gc	See remarks	FS	D, E, or SE	FR				Many cotoneasters OK in our area. Check nurseries for hardiness and size.
2 - 3	<i>Cupressus arizonica</i>	Arizona Cypress	T	40'H 20'W	FS	E	FL	N			Can be used as a windbreak
2 - 3	<i>Cupressus forbesii</i>	Tecate Cypress	T	10-25'H 20'W	FS	E	FL				Fast grower. Keep on dry side so it won't grow so fast that it will topple.
2 - 3	<i>Cupressus sempervirens</i>	Italian Cypress	T	60H 10'W	FS	E	FL				Several varieties available
2 - 3	<i>Dalea bicolor</i>	Indigo Bush/Silver Dalea	S	3-4' H & W	FS	D,SE,E	FR				Rapid regrowth from hard winter pruning brings a quick crop of fresh foliage. Overwatering or drought can cause partial leaf drop.
2 - 3	<i>Dalea capitata</i>	Golden Dalea	S or Gc	8"H 3'W	FS	E	FR				Cut back in winter to generate new spring growth. Overwatering or drought can cause partial leaf drop.
2 - 3	<i>Dalea frutescens</i>	Black Dalea	S	3' H 4' W	FS	E	FR				Prune by one half in January. Overwatering or drought can cause partial leaf drop.
2 - 3	<i>Dalea greggii</i>	Trailing Indigo Bush	GC	1.5'H 6'W	FS	E	FR	N			Mounding habit. Overwatering or drought can cause partial leaf drop.
2 - 3	<i>Dalea pulchra</i>	Smoke Bush/Indigo Bush	S	8'H 5'W	FS	E		N			Spectacular spring bloom of purple flower clusters. Allow ample room to grow.
2 - 3	<i>Dalea purpurea</i>	Purple Prairie Clover	P	18" H & W	FS					M	Heavy summer bloomer
1 - 2	<i>Dasyliirion acrotriche</i>	Green Desert Spoon	S	3-4' H - 4-5' W	FS , Psh	E					Spherical clump. 10' or higher flower stalk.

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1 - 2	<i>Dasyllirion quadrangulatum</i>	Mexican Grass Tree	S	10-16'H & 9' W	FS , Psh	E				M	Green leaves in fountainlike clump
1	<i>Dasyllirion texanum</i>	Texas Sotol	S	5' H & W	FS	E					15' H flower stalk
1 - 2	<i>Dasyllirion wheeleri</i>	Desert Spoon	S	3-5' H 4-5' W	FS , Psh	E		N			Spherical clump. In fall, 9-15' flower spikes. Prized in dry arrangements.
2 - 3	<i>Delosperma spp.</i>	Ice Plant	P, Sc	See remarks	FS , Psh	E	FR				Several species. Check with nurseries for size and hardiness .
3	<i>Dianthus gratianopolitanus</i>	Firewitch	Gc	1' W mat	FS , Psh						Gray blue foliage, hot pink flowers
1 - 2	<i>Digitaria californica</i>	Arizona Cottontop	Gr	2'H 1'W	FS			N			Warm season grass. Lovely silvery seedheads.
2 - 3	<i>Dodonaea viscosa</i>	Green Hopbush	S	10' H & 6' W	FS , Psh	E	FL	N			Can be trained as a small tree
1	<i>Echinocactus grusonii</i>	Golden Barrel Cactus	Sc -C	3' H 2' W	FS , Psh	E				M	Best known barrel. Combines well with other cacti and succulents.
1	<i>Echinocereus pectinatus varieties</i>	Arizona or Texas Rainbow Hedgehog	Sc -C	1' H	FS , Psh	E		SOME N			Alternating reddish and pale yellow horizontal bands on stem
1	<i>Echinocereus triglochidiatus</i>	Claret Cup	Sc -C	6"H	FS	E		SOME N			One of nearly 50 hedgehogs. Showy red flowers. Forms clumps .
3	<i>Echinops spp.</i>	Globe Thistle	P	2-4' H 2' W	FS						Check with nursery. Excellent for dry arrangements. Several species.
2 - 3	<i>Elaeagnus angustifolia</i>	Russian Olive	T	20' H & W	FS , Psh	D					Can be clipped to make a hedge Takes almost any kind of punishment.
3	<i>Elytrigia elongata 'Jose Select'</i>	Jose Select Tall Wheatgrass	Gr	4-5'H 1.5"W	FS						Warm season grass. Grows in any soil including highly alkaline clay.
1 - 2	<i>Ephedra spp.</i>	Mormon Tea	S	See remarks	FS	E		SOME N			Erect and densely branched. Check with nursery for sizes.
2	<i>Ericameria laricifolia</i>	Turpentine Bush	S	2 - 3' H	FS	E	FL	N			If the plant becomes lanky, prune it back and it will regrow with dense foliage
2 - 3	<i>Erigeron spp.</i>	Fleabane	p	See remarks	FS , Psh	E	FR	SOME N			Check with nursery for sizes and hardiness
1	<i>Eriogonum alberti</i>	Albert's Buckwheat	P	1.5' H 1'W	FS		FL	N			Tiny pink flowers appear in clusters mid summer through fall
2 - 3	<i>Eriogonum spp.</i>	Buckwheat	S	See remarks	FS	E	FL	SOME N			Check with nursery for size and hardiness
2 - 3	<i>Eriogonum umbellatum</i>	Sulfur Flower	P	1.5' H 3' W	FS						Prune to shape when plants are young
1 - 2	<i>Eriogonum wrightii</i>	Wright's Buckwheat	P	18" H 24" W	FS		FL	N			Tiny white or pink flowers appear in clusters midsummer through fall
3	<i>Erodium chrysanthum</i>	Yellow Stork's Bill	P	5" H 12"W	FS						Primrose yellow flowers with lacy green foliage. Late spring blooming.

Recommended Plants for Sierra Vista

Water Use	Scientific Name	Common Name	Plant Type	Mature Size	Sun	Evergreen	Flammable	Native	Toxic	Cold Hardy	Remarks
2	<i>Erythrina flabelliformis</i>	Coral Bean	S	3-4' H - 2' W	FS	D	FR	N	*		Short spines. Seeds poisonous. Will freeze to ground in winter, but will recover.
2 - 3	<i>Eschscholzia californica ssp. mexicana</i>	Californica Poppy	A	8" H 1' W	FS		FR	N			Deep golden flowers in spring
1 - 2	<i>Eucalyptus spp.</i>	Eucalyptus	T or S	See remarks	FS	E	FL				Check with nursery for hardiness and size. Prolonged freezes can kill even large trees. Susceptible to eucalyptus redgum lerp psyllid.
2	<i>Euphorbia spp.</i>	Euphorbia	A, B or P	See remarks		Some D, Some E		SOME N	*		About 2000 species in genus. Only buy plant species that use moderate or less water. Can be trees, shrubs, perennials, or annuals. All euphorbias have a milky white sap that is toxic on contact, including gopher plants and poinsettias. Water requirements, exposure, size vary by species.
1	<i>Evolvulus arizonicus</i>	Arizona Blue Eyes	Gc	1' H & 1' W	FS			N			Usually grown as an annual
1 - 2	<i>Eysenhardtia orthocarpa</i>	Kidneywood	T or S	20' H 12' W	FS	D		N			Excellent tree for small spaces. White vanilla scented flowers spring to summer.
1	<i>Fallugia paradoxa</i>	Apache Plume	S	4-6' H 5' W	FS	E		N			Pruning usually not needed. Seed heads are feathery pink, like an Apache headdress.
2	<i>Fendlera rupicola</i>	False Mockorange	S	4'H & 4'W	FS	D		N			Fragrant white flowers bloom in spring
1	<i>Ferocactus wislizenii</i>	Fishhook Barrel Cactus	Sc -C	10' H 3' W	FS	E		N			Yellow or yellow edged flowers in fall. Hooked spines like fishhooks.
2 - 3	<i>Forestiera neomexicana</i>	Desert Olive	T or S	12-18'H 12'W	FS	D	FR				Fairly fast grower. Can be trained to be a small multi trunked tree.
1 - 2	<i>Fouquieria splendens</i>	Ocotillo	S	8-15'H 5-10'W		D		N			Attractive long red flower clusters resemble candles. Does not regularly have leaves.
3	<i>Frangula californica</i>	Coffeeberry/Buckthorn	S	3-15' H - 8' W	FS , Psh	E		N			No irrigation needed when established. Check with nursery for size & color.
2	<i>Fraxinus greggii</i>	Little-leaf Ash	T	25'H 20'W	FS	SE					May be multi trunked. Good size ash for small yards.
3	<i>Fraxinus velutina 'Rio Grande'</i>	Arizona Ash	T	30'H 30-40'W	FS	D	FR	N			Rio Grande', Fan tex ash is the recommended ash for this area. Thrives in hot, dry climates and alkaline soils. Foliage resistant to wind burn.
2 - 3	<i>Funastrum cynanchoides</i>	Climbing Milkweed	V	10' long	FS , Psh	D		N			Starlike white flowers bloom May to September
2 - 3	<i>Gaillardia spp.</i>	Gaillardia	A or P	2-4' H 1 1/2' W	FS		FR	SOME N			Height of the several species vary. Check with nursery.
1 - 2	<i>Garrya wrightii</i>	Silk Tassel	S	8' H 6'W	FS , Psh	E	FR	N			Can be used as an informal hedge
2 - 3	<i>Gaura lindheimeri</i>	Gaura	P	2-4' H 2-3' W	FS		FR				Several varieties. Remove seed bearing spikes to improve appearance. Long bloom period.
2 - 3	<i>Gilia spp.</i>	Gilia	A	See remarks	FS			SOME N			Check nursery for sizes. Flowers late spring to early fall.
2 - 3	<i>Gossypium thurberi</i>	Wild Cotton	S	2 - 6' H 3' W	FS , Psh	D	FL	N			Head back fast growing terminal branches to side buds for a more compact plant

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1 - 2	<i>Gutierrezia sarothrae</i>	Snakeweed	S	18' H 2' W	FS	E		N			Low growing shrub with July to Sept flowers can brighten a desert garden
3	<i>Helianthemum nummularium</i>	Sun Rose	Gc	6" H 18" W	FS , Psh	E					Several colors. Shear after flowering for light repeat blooming.
3	<i>Helianthus maximiliana</i>	Sante Fe Helianthus	A or P	6-8' H 4' W	FS						Fall bloomer has large golden yellow flowers. Grows in any soil.
2 - 3	<i>Heliomeris (Viguiera) spp.</i>	Goldeneye	A or P	3' H & 3' W	FS			SOME N			Cut back after bloom or before new growth begins. Can be grown from seed.
2 - 3	<i>Hesperaloe parviflora</i>	Red Yucca	P	3 - 4' H & W	FS , Psh	E					Heat tolerant. Red flowers. There are yellow and yellow red flowered forms.
2 - 3	<i>Hyptis emoryi</i>	Desert Lavender	S	3-10'H - 3-8'W	FS	E				M	Erect or spreading shrub. May die to roots in winter.
2	<i>Ipomoea coccinea</i>	Scarlet Creeper	Vine	8' H	FS			N	*		Bright red tubular flowers frequented by hummingbirds
3	<i>Juglans major</i>	Arizona Walnut	T	50' H & W	FS	D		N			Edible nuts have a rich flavor
2 - 3	<i>Juniperis spp.</i>	Juniper	S or Gc	See remarks	FS , Psh	E	FL				Expect root rot if soil is waterlogged. Check with nursery for hardiness and size. Don't plant next to lawn sprinklers or overwater.
2	<i>Juniperus spp.</i>	Juniper	T	See remarks	FS , Psh	E	FL	SOME N			Check with nursery for size, water requirements & hardiness. When junipers fail, it's usually from too much moisture .
2 - 3	<i>Justicia californica</i>	Chuparosa	S	3'H 4'W	FS , Psh	SE or D				M	May freeze to ground in winter, but will come back quickly in spring
3	<i>Kniphofia uvaria</i>	Red Hot Poker	P	3' H & W	FS					M	Easy to grow. Grasslike foliage. Red & yellow spikes in summer.
3	<i>Koeleruteria paniculata</i>	Goldenrain Tree	T	20 H & W	FS	D					Can be gawky without pruning
3	<i>Lagerstroemia spp.</i>	Crape Myrtle	T or S	See remarks	FS	D	FR				All crape myrtles hardy for our zone except L. speciosa (Giant crape myrtle). Check with nursery for sizes and colors .
3	<i>Lagerstroemia spp.</i>	Crape Myrtle	S	See remarks	FS	D	FR				Several species, many varieties Check with nursery for size and colors
3	<i>Lantana spp.</i>	Lantana	S or Gc	See remarks	FS	D			*		All lantanas OK for our area. Many colors and varieties. Will die to ground in winter, but should recover. Check with nursery for size.
1 - 2	<i>Larrea tridentata</i>	Creosote Bush	S	4-6 'H - 8' W	FS	E	FL	N			Plants in shade become leggy
3	<i>Lavandula spp.</i>	Lavender	S, A or P	See remarks	FS		FR				Many species and varieties available All are water wise, but some are not hardy in our zone. Check with nursery for hardiness and size.
1 - 2	<i>Leonotis leonurus</i>	Lion's Tail	S	4 - 6' H & W	FS	E					If frost hits, cut back to live growth in spring.

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Water Use	Scientific Name	Common Name	Plant Type	Mature Size	Sun	Evergreen	Flammable	Native	Toxic	Cold Hardy	Remarks
2 - 3	<i>Leucaena retusa</i>	Golden Ball Lead Tree	T or S	12-20' H & W	FS	E in mild winters, D otherwise					Useful between cultivated garden and native desert. Best if planted in wind-sheltered area.
2 - 3	<i>Leucophyllum spp.</i>	Texas Ranger/Sage	S	See remarks	FS	E					Many species. Requires little or no pruning. Check nursery for size.
3	<i>Limonium latifolium</i>	Blue Statice	A or P	30" H 24" W	FS , Psh						Airy summer bloomer with lavender blue sprays. Good dried cut flower.
3	<i>Linum lewisii</i>	Western Blue Flax	A or P	3' H 1' W	FS		FR	N			Easy to grow from seed. Hard to divide. Other linums OK.
2	<i>Lycium spp.</i>	Lycium	S	6' H & W	FS	D		N			Can be used for barrier plantings
3	<i>Macfadyena unguis-</i>	Cat's Claw	V or Gc	25-40'	FS , Psh	E or D					After bloom, cut back some stems to stimulate growth
1 - 2	<i>Mammillaria spp.</i>	Pincushions	Sc -C	2 - 6" H	Psh	E		SOME N			Many species. Globe or cylindrical shape. Keep dry in winter to induce bloom. Many species.
2 - 3	<i>Melampodium leucanthum</i>	Blackfoot Daisy	P	1' H & W	FS			N			If straggly, cut back in fall. Grows best in decomposed granite.
2	<i>Muhlenbergia capellensis</i>	Regal Mist	Gr	3' H & W	FS						Warm season grass. Spectacular dusky pink in the fall.
2	<i>Muhlenbergia capillaris</i>	Pink Muhly	Gr	3'H - 6'W	FS , Psh						Warm season grass. Very drought tolerant, looks better and bigger if given some water.
2	<i>Muhlenbergia emersleyi</i>	Bull Grass	Gr	1.5'H 3-4'W	FS , Psh			N			Warm season grass. Feathery spikes are purplish to reddish, fading to cream with age.
2	<i>Muhlenbergia spp.</i>	Muhly/Deer Grass	Gr	Size varies	FS , Psh	Some E in mild winters		SOME N			Warm season grass
2 - 3	<i>Myoporum parvifolium</i>	Myoporum	Gc,S	3-6" H 9' W	FS	E				M	Great ground cover. Some dieback in cold winters, recovers rapidly.
2 - 3	<i>Myrtus communis</i>	Myrtle	S	5-6" H 4-5' W	FS , Psh	E	FR				Many named selections. Check with nursery for size and hardiness.
2 - 3	<i>Nandina domestica</i>	Heavenly Bamboo	S	3-6' H 2-3' W	FS , Psh	E	FR				Many varieties. All types turn crimson in fall. Cut oldest canes to ground in spring before growth begins. Dwarf varieties available.
2	<i>Nassella tenuissima</i>	Mexican Feather Grass/Needle Grass	Gr	2'H 2-3'W	FS						Warm season grass. Among finest textured and most billowy looking of all grasses. Can be invasive.
3	<i>Nepeta spp.</i>	Catmint/Catnip	P	See remarks	FS , Psh						Great for attracting every cat in the neighborhood. Many varieties, check for height, width and hardiness.
2 - 3	<i>Nerium oleander</i>	Oleander	S	3-20'H 4-12'W	FS	E	FR		*		Routine pruning not necessary. Do not burn wood, smoke may cause skin irritation.
2	<i>Nolina matapensis</i>	Tree Bear Grass	P	10-25'H 10'W	FS						Allow ample space for growth. Lush looking species.
1 - 2	<i>Nolina microcarpa</i>	Bear Grass	P	3'H 6'W	FS			N			Strong vertical silhouette Good for dry landscapes.
2 - 3	<i>Oenothera spp.</i>	Evening Primrose	P	See remarks	FS , Psh		FR	SOME N			Open during day. Stems die back in winter. All except <i>Oenothera elata hookeri</i> OK for our area. Sizes variable, check with nursery.

Recommended Plants for Sierra Vista

Water Use	Scientific Name	Common Name	Plant Type	Mature Size	Sun	Evergreen	Flammable	Native	Toxic	Cold Hardy	Remarks
2 - 3	<i>Olea europaea</i>	Olive 'Swan Hill'	T	25-30' H&W	FS	E				M	This is a sterile variety. Non sterile varieties stain pavement and lawns and are allergenic.
1	<i>Opuntia basilaris</i>	Beavertail Cactus	Sc -C	1' H 4' W	FS	E					Purplish pads. Very common in Arizona landscapes.
1	<i>Opuntia bigelovii</i>	Teddybear Cholla	Sc -C	3-6' H 3' W	FS	E				M	Beautiful, but treacherous
1	<i>Opuntia echinocarpa</i>	Silver Cholla	Sc -C	3' H & W	FS	E					Spines not sharply barbed
1	<i>Opuntia ellisiana</i>	Tiger Tongue	Sc -C	4'H 6'W	FS	E					Spineless small pads. Tidy prickly pear.
1	<i>Opuntia engelmannii</i>	Engleman's Prickly Pear	Sc -C	15' spread	FS	E		N			Most common prickly pear in Arizona
1	<i>Opuntia imbricata</i>	Tree Cholla	Sc -C	6- 8 'H 10'W	FS	E					Deep pink flowers followed by green fruit. Shrubby when young, then treelike.
1	<i>Opuntia leptocaulis</i>	Desert Christmas Cactus	Sc -C	2 - 3' H & W	FS	E					Thin stems with bright red fruit
1	<i>Opuntia macrocentra</i>	Purple Prickly Pear	Sc -C	4'H 6'W	FS	E		N			Spines are half white and half dark. 'Tubac' is said to hold purple color throughout year.
1	<i>Opuntia santa-rita</i>	Santa Rita Prickly Pear	Sc -C	4'H 6'W	FS	E		N			The purple coloration of this prickly pear becomes more pronounced with drought or cold weather
1	<i>Opuntia spinosior</i>	Cane Cholla	Sc -C	8' H 4' W	FS	E		N			Favored nesting plant for cactus wrens and thrashers. Magenta flowers, yellow fruit.
2 - 3	<i>Origanum spp.</i>	Oregano	P	2' H & W	FS usually					SOME M	Check with nursery for exposure and hardiness. Many species, some not hardy in our area.
3	<i>Panicum virgatum</i> 'Prairie Sky'	Prairie Sky	Gr	4 - 5'H 2'W	FS						Warm season grass. Tight growing upright columns of sky blue foliage.
3	<i>Parthenocissus spp.</i>	Creeper Vines	V	See remarks	FS , Psh	D		N		SOME M	Handsome foliage is beautifully colored in autumn. P. henryana marginal in our zone. Inquire at nursery for size.
2	<i>Pennisetum setaceum</i> 'Rubrum'	Purple Fountain Grass	Gr	5' H & W	FS , Psh						Warm season grass. This attractive pennisetum variety usually does not self sow. The green variety is invasive.
2 - 3	<i>Penstemon spp.</i>	Penstemon	P	See remarks	FS , Psh		FR				Over 250 species, many natives. Check nursery for size, hardiness and water requirements. If plants require regular water, then they are not acceptable.
2 - 3	<i>Perovskia</i>	Russian Sage	P	3-4' H & W	FS	E	FR				Trim spent blossoms to extend bloom season. Several varieties.
3	<i>Phemeranthus calycinum</i>	Flame Flower	P	8-12" H 5' W	FS						Often goes dormant before first frost. Long summer bloomer.
3	<i>Phlomis russeliana</i>	Hardy Jerusalem Sage	P	36" H 20" W	FS , Psh						Yellow flowers, olive green leaves
3	<i>Phlox tenuifolia</i>	Desert Phlox	P	2' H & W	FS , Psh			N			Mounded white flowers
1 - 2	<i>Pinus cembroides, edulis, monophylla</i>	Pinyon Pine	T	10 - 25' H	FS	E	FL	N			Cones contain edible seeds. Pine nuts edible. Slow growing.

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2	<i>Pinus eldarica</i>	Afghan Pine	T	30-80'H 15-25'W	FS	E	FL				One of best pines for desert
2	<i>Pinus mugo mugo</i>	Muhgo Pine	S	4-8' H 8-15' W	FS	E	FL				Group includes compact selections
2 - 3	<i>Pinus pinea</i>	Italian Stone Pine	T	40-80'H 40-60'W	FS	E	FL			M	Eventually too large for small gardens
2 - 3	<i>Pistacia chinensis</i>	Chinese Pistache	T	30-60' H & W	FS	D	FR				Reliable tree for streetside planting, lawn, patio, or garden Good fall color
3	<i>Potentilla fruticosa</i>	Shrubby Cinquefoil	S	1-3'H 3-4'W	Psh in hottest climates	D					Many varieties, white pink, red and yellow flowers
2 - 3	<i>Prosopis alba or chilensis</i>	Argentine/Chilean Mesquite	T	20 - 40' H & W	FS	SE or E in mild climates					Thornless forms available
2	<i>Prosopis glandulosa</i>	Honey Mesquite	T	30' H & W	FS	D					Often multi trunked Little pruning needed. Thorniness variable. Cutting grown 'Maverick' is a superior thornless form.
2	<i>Prosopis pubescens</i>	Screwbean Mesquite	T or S	30' H & W	FS	D		N			Seed pods tightly coiled in a spiral curl. Highly prized in dried arrangements.
2	<i>Prosopis velutina</i>	Velvet Mesquite	T	20' H 30' W	FS	D		N			Thorniness variable
1 - 2	<i>Psilostrophe spp.</i>	Paper Flower	P	18" H & W	FS	E		N			Dried flowers can be used in arrangements
2	<i>Psoralea scoparia</i>	Broom Dalea	S	3' H 4' W	FS	D		N			Requires sandy soil. Does not tolerate overwatering. Attractive erosion control.
2 - 3	<i>Purshia mexicana</i>	Cliffrose	S	6' H & W	FS	E	FL	N			Fragrant creamy flowers
2 - 3	<i>Pyracantha spp.</i>	Firethorn	S	See remarks	FS	E	FR				Many species and hybrids. Check with nursery for sizes.
2 - 3	<i>Quercus buckleyi</i>	Buckeye Oak	T or S	35' H & W	FS	D				M	Trunk branches almost from base
2 - 3	<i>Quercus chrysolepis</i>	Canyon Live Oak	T	20-60' H&W	FS	E					Handsome round headed or somewhat spreading tree with smooth whitish bark.
2	<i>Quercus emoryi</i>	Emory Oak	T	50'H 40'W	FS	SE		N			Hollylike leaves. Tolerates a variety of soils. May shed leaves in spring.
2 - 3	<i>Quercus gambelii</i>	Gambel Oak	T or S	15-30'H 15'W	FS	D		N			Foliage turns yellow red or orange in fall
2 - 3	<i>Quercus gambellii</i>	Gambell Oak	T or S	15-30'H 15'W	FS	D		N			Foliage turns yellow red or orange in fall
2 - 3	<i>Quercus hypoleucoides</i>	Silverleaf Oak	T	40' H 35' W	FS	SE		N			Leaves silvery white and woolly underneath. Sheds leaves in spring.
2 - 3	<i>Quercus illex</i>	Holly Oak	T	30-60' H & W	FS	E					Growth can be fairly fast, but varies with soil and water conditions
2 - 3	<i>Quercus muehlenbergii</i>	Chinquapin Oak	T	40-50'H 50-60'W	FS	D					Acorns edible. Leaves turn orange and bronze in fall.
2	<i>Quercus oblongifolia</i>	Mexican Blue Oak	T	30' H & W	FS	SE		N			Gray bark fissured in square plates. Sheds leaves in spring.

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2 - 3	<i>Quercus suber</i>	Cork Oak	T	30-60' H&W	FS	E					Handsome thick corky bark
2	<i>Quercus turbinella</i>	Desert Scrub Oak	S	10' H & W	FS	E		N			Water during dry spells. Can be trained as a small tree.
1	<i>Rhamnus ilicifolia</i>	Holly Redberry	T or S	15' H & W	FS , Psh	E					No irrigation needed when established. Bulky shrub or shrubby tree.
2 - 3	<i>Rhus spp.</i>	Sumac	T or S	See remarks	FS	E & D	FR	SOME N			Check with nursery for size and hardiness
2 - 3	<i>Rhus virens</i>	Evergreen Sumac	S	12' H & W	FS , Psh	E		N			Use as informal hedge or as background for other plants
2	<i>Robinia neomexicana</i>	New Mexican Locust	T or S	6 - 30' H & W	FS	D	FR	N			Thorns. Wood brittle. Fast growing. Aggressive roots. Suckers.
3	<i>Rosa banksiae</i>	Tombstone Rose	S	See remarks	FS	E					Can grow to humongous size, but can be controlled. Local experience says moderate water OK
2 - 3	<i>Rosmarinus officinalis</i>	Rosemary	S or Gc	See remarks	FS	E					Many varieties. Check nursery for size and characteristics.
3	<i>Ruschia calvinia pink</i>	Shrubby Ice Plant	P	18"H & W	FS	E					Shrublet. Clear pink flowers. Winter foliage is purple.
2	<i>Salazaria mexicana</i>	Paperbag Bush	S	3' H & W	FS	D					Common name refers to fruit that develops into an inflated pouch
3	<i>Salvia chamaedryoides</i>	Blue Sage	P	1-2' H 2-3' W	FS	E	FR			M	Deadhead to encourage rebloom
2 - 3	<i>Salvia chinophylla</i>	Creeping Sage	Gc	4" H - 4' W	FS	E	FR				Interesting, attractive plant all year. Small blue flowers.
3	<i>Salvia clevelandii</i>	Cleveland Sage	S	3-5' H 5' W	FS	E	FR				Many hybrids. Remove faded spikes to encourage rebloom.
3	<i>Salvia dorrii</i>	Desert Sage	S	1-3' H 2-4' W	FS	E	FR				Good in dry desert garden
3	<i>Salvia greggii</i>	Autumn Sage	S	1-4' H & W	FS	E	FR				Blooms spring and fall. Many varieties covering wide color range. Deadhead. Cut back to one half in winter to keep it full.
3	<i>Salvia hybrid</i>	Raspberry Delight	S	3' H & W	FS , Psh	E	FR				The deep green foliage has an herbal fragrance when crushed
3	<i>Salvia microphylla</i>	Scarlet Sage	S	4' H & 3' W	FS	E					Available in various colors
2	<i>Salvia mohavensis</i>	Mojave Sage	S or Gc	2' H 2.5' W	FS	E	FR				Be careful not to overwater in summer. Fragrant foliage.
3	<i>Salvia muelleri</i>	Royal Purple Sage	S	2-3'H 4-6'W	FS	E	FR				Drought tolerant. Spring to fall flowers.
2	<i>Salvia pachyphylla</i>	Giant Flowered Purple Sage	S	3'H 2.5'W	FS	E	FR				Blooms all summer. Evergreen silver foliage. Prune & shape in fall.
2 - 3	<i>Salvia sclarea</i>	Clary Sage	B or Short-Lived P	3-4' Flower Stalks & 2-3' W	FS		FR				Short lived. Cutting stems before seeds form produces rebloom and may prolong plant's life.
3	<i>Sambucus mexicana</i>	Blue Elderberry	T or S	10-30'H 8-20'W	FS , Psh	E		N			Drops its foliage during drought

Recommended Plants for Sierra Vista

Water Use	Scientific Name	Common Name	Plant Type	Mature Size	Sun	Evergreen	Flammable	Native	Toxic	Cold Hardy	Remarks
2	<i>Santolina spp.</i>	Santolina	S	See remarks	FS	E	FR				Size varies by species. Cut back yearly before spring growth.
2 - 3	<i>Scutellaria spp.</i>	Prairie Skullcap	P	See remarks	FS	E		SOME N			Neat mound of lavender blue flowers in late spring. Check with nursery for size.
3	<i>Scutellaria x hybrid</i>	Violet Cloud'	P	6" H 15" W	FS , Psh	E					Mounding habit. Water regularly first season.
2 - 3	<i>Sedum spp.</i>	Sedum/Stonecrop	P	See remarks	FS , Psh	E	FR	SOME N			Many species. Check nursery for sizes. Will not take foot traffic
2	<i>Sempervivum tectorum</i>	Hens and Chickens	P, Sc	2-5"W rosettes	Psh	E					Water only to prevent shriveling
2 - 3	<i>Senecio cineraria</i>	Dusty Miller	S	2' H & W	FS	E	FR				Another dusty miller. Gets leggy unless sheared
1 - 2	<i>Senecio longilobus</i>	Threadleaf Grounel	S	3'H 2'W	FS	E		N	*		Poisonous to livestock. Common on overgrazed grasslands. Do not overwater.
2 - 3	<i>Senecio viravira</i>	Dusty Miller	S	4' H & W	FS , Psh		FR				Fuller in full sun. Tip pinch young plants to keep them compact.
3	<i>Silene laciniata</i>	Mexican Catchfly	P	15" H & W	FS			N			Summer blooming. Too much water after established will cause plant to get floppy.
2	<i>Simmondsia chinensis</i>	Jobba (Goat Nut)	S	3-6' H & W	FS	E		N		M	Inconspicuous flowers. Can be used as a hedge. Available in dwarf form.
3	<i>Solidago spp.</i>	Goldenrod	P	1-3'H 2'W	FS , Psh				*		Four native Solidago species in Cochise County. Does not cause hay fever.
3	<i>Sophora secundiflora</i>	Texas Mountain	T or S	15-25'H10-	FS , Psh	E			*	M	Naturally shrubby, but can be trained into a tree
1 - 2	<i>Sphaeralcea spp.</i>	Globemallow	P	2-4' H 1.5-3' W	FS	D		SOME N			Cut old stems almost to ground in spring. Many colors available.
2 - 3	<i>Sporobolus airoides</i>	Alkali Sacaton	Gr	3' H & W	FS			N			Warm season grass. Showy five foot tall, feather like panicles in summer.
2 - 3	<i>Sporobolus wrightii</i>	Big Sacaton	Gr	4-5'H & W	FS			N			Warm season grass. Showy 7' tall, feather- like panicles in summer.
3	<i>Stachys byzantina</i>	Lambs Ears	P	18" H	FS , Psh	E					Tongue shaped woolly white leaves. Spreads by surface runners.
3	<i>Stachys spp.</i>	Stachys	P,S	Sizes vary	FS , Psh		FR				Coccinea native in Cochise County. Not fussy about soil
2	<i>Stanleya pinnata</i>	Prince's Plume	P	36"H 18"W	FS						ut off entire flower spike after blooming to fill out the plant. Clear yellow flowers.
3	<i>Tagetes lemmonii</i>	Mountain Marigold	P	3-6' H & W	FS	E, SE or D		N			Leaves fragrant when rubbed. Can flower all year. Cut
3	<i>Tecoma stans</i>	Yellow Bells	S	8' H 5' W	FS , Psh	E		N		M	Will die back in winter, but will recover quickly
2 - 3	<i>Tetraneuris acaulis</i>	Angelita Daisy	P	8" H 12' W	FS	E					12" stems. Daisy yellow flowers nearly all year in mild winter climates. Cut off faded flowers to prolong bloom.
2 - 3	<i>Tetraneuris scaposa</i>	Clustered Goldflower	P	8"H 12"W	FS	E					16" stems. Cut off faded flowers to prolong bloom.
3	<i>Teucrium fruticans</i>	Bush Germander	S	4-8' H & W	FS	E					Blooms almost year round
3	<i>Teucrium x lucidrys</i>	Germander	P	1' H 2' W	FS	E					Thin and cut back before spring growth begins. T. prostratum is 4 to 6" Hi and 3' or more wide.

Recommended Plants for Sierra Vista

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3	<i>Thymophylla spp.</i>	Dyssodia (Includes Dogweeds, Dahlberg)	P, some A	4"-1'H 4"-1.5'W	FS	E		SOME N			Mounds. Blooms summer to fall. When plants get ragged, pull them out. Can easily be started from seed.
3	<i>Thymus lanuginosus</i>	Woolly Thyme	P	2" H 18" W	FS	E					Low maintenance variety with tiny, felted, gray leaves.
3	<i>Thymus spp.</i>	Thyme	P, Some grown as A	See remarks	FS, Psh						Many species and varieties. Check water use and size. Small space groundcovers.
1 - 2	<i>Ungnadia speciosa</i>	Mexican Buckeye	T or S	15' H & W	FS, Psh	D			*		Large shrub, but can be trained into a tree. Summer irrigational optional. Seeds poisonous.
2 - 3	<i>Vauquelinia californica</i>	Arizona Rosewood	S	20' H 15'W	FS	E		N			Good hedge plant. Slow grower at start. Similar to oleander, but not toxic.
3	<i>Verbascum olympicum</i>	Mullein	P	5' H 3' W	FS						Soft downy white leaves, bright yellow flowers
2 - 3	<i>Verbena bipinnatifida</i>	Verbena	Gc, P, Some grown as A	8-16"H 18"W	FS		FR	Eight native verbena s in Cochise County			Fast growing ground covers. Attractive in crevices and hanging baskets. <i>V. bonariensis</i> , <i>V. gooddingii</i> , <i>V. x hortensis</i> , <i>V. peruviana</i> , also attractive and acceptable.
3	<i>Verbena peruviana</i>	Verbena	P	1'H 3'W	FS	E					Pink, red, white or purple flowers. Spreads by above ground runners.
3	<i>Veronica incana</i>	Silver Speedwell	P	10" H 15" W	FS, Psh						Blooms late spring, but will keep flowering all summer if deadheaded
3	<i>Veronica orientalis</i>	Oriental Speedwell	P	8" H 18" W	FS						Compact mounds of gray green foliage, deep blue flowers
1 - 2	<i>Viguiera stenoloba</i>	Skeletonleaf Goldeneye	P	3' H & W	FS, Psh	E					Differs in both culture & foliage from other desert plants. Can be utilized in medians, parking lot parking strips, and planter boxes.
2 - 3	<i>Vitex agnus-castus</i>	Chaste Tree	T or S	25' H&W	FS	D					Leaves aromatic. Blooms summer to fall. Available with white, blue or pink flowers.
1 - 2	<i>Vitis californica</i>	California Grape	V	To 30'	FS, Psh	D					Leaves emerge grayish, mature to green, turn red or yellow in autumn. Several varieties.
2 - 3	<i>Wisteria spp.</i>	Wisteria	S	See remarks	FS	D			*		Check nursery for exposure and size for different species and varieties. Control size & shape and encourage bloom production by pruning and training. <i>W. sinensis</i> will bloom in FS or in Psh.
3	<i>Xylosma congestum</i>	Xylosma	T or S	8-10' H & W	FS, Psh	E or D					Single or multi stemmed. Stems zigzag and branches droop. <i>X. compacta</i> grows slowly to half the size of species.
1	<i>Yucca baccata</i>	Banana Yucca	Sc (T OR S)	3' H 5' W	FS	E	FR	N			Fruits look like short green bananas
1	<i>Yucca elata</i>	Soaptree Yucca	Sc (T OR S)	6-20'H 8-10'W	FS	E	FR	N			Slow grower. 2' flowers on 3' annual spikes. Very common in grasslands.
1 - 2	<i>Yucca glauca</i>	Plain Soapweed	Sc	3-4' H & W	FS	E					In the summer green white flowers are borne on narrow spikes 4' above foliage

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1 - 2	<i>Yucca rigida</i>	Blue Yucca	Sc (T OR S)	12' H 5' W	FS	E				M	Dense spikes appear in spring or early summer
1 - 2	<i>Yucca rostrata</i>	Beaked Yucca	Sc	12' H 9' W	FS	E					Treelike. Trunk covered with soft gray fuzz. Showy spikes of creamy white flowers.
1 - 2	<i>Yucca schottii</i>	Mountain Yucca	Sc	6-15' H 3-	FS , Psh	E		N			Clusters of white flowers from spring to midsummer
2 - 3	<i>Zauchneria californica latifolia</i>	Hardy Hummingbird Trumpet/California Fuschia	P	1.5' H 2' W	FS						'Arizona' is 3' high and has bright orange flowers 'Everett's Choice' is an improved variety
2 - 3	<i>Zexmenia hispida</i>	Zexmenia	P	2-3' H & W	FS , Psh						Can lose leaves in cold winters
1 - 2	<i>Zinnia grandiflora</i>	Prairie Zinnia	A in our zone	4"H 15"W	FS			N			Late summer bloomer. Can be difficult to grow.