



Landscape Standards

APPROVED PLANT MATRIX

December 2022

Prepared for:
City of Goodyear

Prepared by:
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Landscape Standards

The city of Goodyear approved plant list was developed by the city to provide guidance on trees and plants that can be adapted to our desert environment in the Goodyear area.

This list can be used as a tool for all design areas, including but not limited to: residential, commercial, industrial and recreational areas. It can be used to calculate coverage requirements as the square footage value given for each plant at it's mature size will be used by city staff to determine the coverage regardless of the size of plant at the time of inspection.

APS requires maximum plant height to be 15 feet. Reference the table below to assist in plant selection when designing in an APS-related easement.

The list is divided between trees, shrubs, groundcovers, vines, succulents and perennials. It is sorted alphabetically by the common names of the plants. There are several columns of attributes that can be used to determine which plants are appropriate to use in specific situations.

CITY OF GOODYEAR - APPROVED PLANT MATRIX

TREE SIZE: Small (<25 ft.), Medium (25-40 ft.), Large (>40 ft.) TREE TYPE: Deciduous, Evergreen, Semievergreen GROWTH RATE: Slow, Moderate, Fast WATER NEEDS: Low, Medium, High LITTER: Leaves, Flowers, Seeds		Tree Size	Height (Average)	Width (Average)	Coverage	Tree Type	Growth Rate	Water Use	Litter	Spines or Thorns	Parking Lots	Street/Shade Tree	Buffer Tree	Pollinator	Medians (M), Rights of Way (RW), Parks (P), Washes (W)
Common Name	Botanical Name	S, M, L	(Feet)	(Feet)	(SQ. Feet)	D, E, S	S, M, F	L, M, H	L, F, S	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	M, RW, P, W
TREES															
Abyssinian Acacia	Acacia abyssinica	M	25	30		E	M	L	S	Y	Y	Y	Y	N	RW, P, W
African Sumac	Rhus lancea	M	20	20	236	E	M,F	L	L,S	N	Y	Y	N	N	
Aleppo Pine	Pinus halepensis	L	45	25	368	E	M,F	L	L,S	N	Y	Y	Y	N	
Anacacho Orchid	Bauhinia lunarioides (syn. B. congesta)	S	12	10		S	S,M	M	F	N	Y	N	N	Y	RW, P, W
Argentine Mesquite	Prosopis alba	M	30	30	530	S	F	L	S	Y	N	Y	Y	Y	
Arizona Ash	Fraxinus velutina	L	40	30	530	D	S,M	M	L,S	N	Y	Y	Y	N	
Arizona Sycamore	Platanus wrightii	L	80	40	942	D	F	M	L	N	N	Y	Y	N	
Australian Willow	Geijera parviflora	M	25	20	236	E	M	L	L,F,S	N	Y	Y	Y	N	
Blue Elderberry	Sambucus nigra ssp. Cerulea	S	15	25	368	S	M	M	L,F	N	Y	N	N	N	
Blue Palo Verde	Parkinsonia florida	M	30	30	530	D	M	L	L,F,S	N	Y	Y	Y	Y	RW, P, W
Bonita Ash	Fraxinus velutina 'Bonita'	L	40	30		D	M	M	L	N	Y	Y	N	N	RW, P, W
Bottle Tree	Brachychiton populneus	M	30	20	236	E	M,F	M	L,S	N	Y	Y	N	Y	
Bradford Pear	Pyrus calleryana 'Bradford'	M	25	20	236	D	M,F	M	L,F,S	N	N	Y	Y	Y	
California Fan Palm	Washingtonia filifera	L	50	15	133	E	S,M	L	F,S	Y	N	Y	N	N	M, RW, P, W
California Pepper Tree	Schinus molle	M	30	30	530	E	M,F	L	L,S	N	N	Y	Y	N	
Canary Island Date Palm	Phoenix canariensis	L	40	30	530	E	S	L	F,S	Y	N	Y	N	N	
Carob Tree	Ceratonia siliqua	M	35	20	236	E	M	M	S	N	N	Y	N	N	
Cascalote	Caesalpinia cacalaco	S	15	15		S	F	L	F	Y	Y	Y	Y	Y	M, RW, P, W
Cathedral Live Oak	Quercus virginiana 'Cathedral'	L	40	40	942	S	S,M	M	L,S	N	N	Y	Y	N	
Cat's Claw Acacia	Acacia greggii	S	15	20	236	D	S,M	L	S	Y	N	N	N	Y	
Chaste Tree	Vitex agnus-castus	S	25	25	368	D	S	L	L,S	N	N	Y	N	Y	
Chilean Mesquite	Prosopis chilensis	M	30	30	530	S	F	L	L	Y	Y	Y	Y	Y	
Chinese Pistache	Pistachia chinensis	L	35	30	530	D	M	L	L,F,S	N	Y	Y	N	N	
Chitalpa	x Chitalpa tashkentensis	S	20	20	236	D	M	L	L,F	N	Y	Y	Y	N	P,W
Colorado Mesquite	Prosopis alba 'Colorado'	M	30	30	530	S	F	L	S	Y	N	Y	Y	Y	
Common Hackberry	Celtis occidentalis	L	45	30	530	D	F	M	L,S	N	N	N	N	Y	
Coolibah Tree	Eucalyptus microtheca	M	40	25	368	E	M	M	S	N	Y	Y	Y	N	P,W
Copal	Bursera hindsiana	S	15	10		D	M	L	S	N	Y	N	N	N	P,W
Coral Gum	Eucalyptus torquata	M	25	20		E	F	M	F	N	Y	Y	N	N	P,W
Date Palm	Phoenix dactylifera	L	60	20	236	E	S	M	F,S	Y	Y	Y	N	N	M, RW, P, W
Deodar Cedar	Cedrus deodora	L	80	30	530	E	F	M	L	N	N	N	Y	N	
Desert Fern	Lysiloma thornberi	S	15	15		E	F	M	S	N	Y	Y	N	N	M, RW, P, W
Desert Museum Palo Verde	Parkinsonia x 'Desert Museum'	M	25	25	368	S	F	L	F	N	Y	N	N	N	
Desert Willow	Chilopsis linearis + hybrids	M	25	20	236	D	M	L	F,S	N	Y	Y	Y	Y	M, RW, P, W
Eastern Redbud	Cercis canadensis	S	20	15	133	D	M	M	L,S	N	Y	N	N	Y	
Elephant Tree	Bursera microphylla	S	13	10		D	S	L	F,S	N	Y	N	Y	N	P,W

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Common Name	Botanical Name	S, M, L	(Feet)	(Feet)	(SQ. Feet)	D, E, S	S, M, F	L, M, H	L, F, S	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	M, RW, P, W
TREES															
Fan-Tex/Rio Grande Ash	Fraxinus velutina 'Rio Grande,' 'Fan-Tex'	L	40	30	530	D	M,F	M	L	N	Y	Y	Y		RW, P, W
Foothills Palo Verde	Parkinsonia microphylla	S	20	20	236	D	S,M	L	L,F	Y	N	Y	Y	Y	RW, P, W
Forman's Eucalyptus	Eucalyptus formanii	M	30	30		E	M	M	S,F,L	N	Y	Y	Y	N	P,W
Ghost Gum	Eucalyptus papuana	L	40	25		E	M	L	L	N	Y	Y	N	N	P,W
Golden Ball Lead Tree	Leucaena retusa	S	20	20	236	D	M	M	L,F,S	N	Y	N	N	N	
Heritage Live Oak	Quercus virginiana 'Heritage'	M	25	25	368	E	S,M	M	L,S	N	N	Y	Y	N	
High Rise Live Oak	Quercus virginiana 'High Rise'	M	35	20	236	S	S,M	M	L,S	N	N	Y	Y	N	
Honey Locust	Gleditsia tricanthos cultivars	M	35	30	530	D	M	L	L,S	N	Y	Y	Y	N	
Ironwood	Olneya tesota	L	40	30	530	D	M,F	L	L,F	N	N	N	Y	Y	M, RW, P, W
Italian Cypress	Cupressus sempervirens	L	40	5	15	E	M	M	L	N	Y	Y	N	N	
Kidneywood	Eysenhardtia orthocarpa	S	18	25	368	S	M	L	L,F	N	Y	N	N	N	
Chinese Evergreen Elm	Ulmus parviflora 'sempervirens'	L	40	40	942	S	M	L	L,S	N	Y	Y	Y	N	M, RW, P, W
Littleleaf Ash	Fraxinus greggii	S	18	15	133	S	S	M	L,F	N	Y	N	N	N	P,W
Mastic Tree	Pistachia lentiscus	S	17	20	236	E	S	L	L	N	Y	Y	Y	N	RW, P, W
Mexican Blue Palm	Brahea armata	M	30	15	133	E	S	M	F,S	Y	Y	Y	N	N	
Mexican Fan Palm	Washingtonia robusta	L	75	15	133	E	M,F	M	F,S	Y	Y	Y	N	N	W
Mexican Palo Verde	Parkinsonia aculeata	S	20	20	236	D	F	L	L,F,S	Y	N	Y	Y	N	
Modesto Ash	Fraxinus velutina glabra	L	40	25	368	D	M,F	M	L	N	Y	Y	Y	N	
Mondell / Afghan Pine	Pinus eldarica	L	40	30	530	E	M,F	L	L,S	N	Y	Y	Y	N	
Mt Atlas Pistache	Pistacia atlantica	L	40	30		D	S,M	L	L	N	Y	Y	N	N	M, RW, P, W
Mulga	Acacia aneura	S	20	15	133	E	S,M	L	L	N	Y	Y	N	Y	M, RW, P, W
Narrow-leaf Gimlet	Eucalyptus spathulata	M	30	20		E	F	M	S	N	Y	Y	N	N	RW, P, W
Native / Velvet Mesquite	Prosopis velutina	M	30	30	530	D	M	L	L,S	Y	N	Y	Y	Y	
Netleaf Hackberry	Celtis reticulata	S	15	15	133	D	S	M	S	N	N	N	N	Y	
Ornamental Pear	Pyrus calleryana	M	30	20	236	D	M,F	M	L,F,S	N	N	Y	Y	Y	
Palo Brea	Parkinsonia praecox	M	20	20		D	M,F	L	L,F,S	Y	Y	Y	S	Y	RW, P, W
Palo Blanco	Acacia willardiana	S	15	12		E	S,M	M	S	N	Y	Y	N	Y	M, RW, P, W
Pindo Palm	Butia capitata	S	20	15	133	E	S	H	F,S	Y	Y	Y	N	N	
Prairie / Flameleaf Sumac	Rhus lanceolata	S	15	20	236	D	M	L,M	L	N	N	N	N	Y	
Purple Robe Locust	Robina 'Purple Robe'	L	40	30	530	D	M,F	M	L,F	N	N	Y	Y	N	
Raywood Ash	Fraxinus oxycarpa 'Raywood'	M	30	20	236	D	M,F	M	F	N	Y	Y	Y	N	
Red Cap Gum	Eucalyptus erythrocorys	M	20	20		E	M,F	M	S	N	Y	N	N	N	P,W
Red Push Pistache	Pistache x 'Red Push'	L	30	30	530	D	M	L	L	N	Y	Y	N	N	M, RW, P, W
Red Rock Oak	Quercus buckleyi 'Red Rock'	M	30	30	530	D	S,M	L	L,F,S	N	N	Y	Y	N	
Screwbean Mesquite	Prosopis pubescens	S	20	25	368	D	S	L	L,S	Y	N	Y	Y	Y	
Shoestring Acacia	Acacia stenophylla	M	40	20	236	E	M,F	L	L,F,S	N	Y	Y	Y	N	P,W
Silver Mountain Laurel	Sophora secundiflora v. 'Silver Peso,' 'Sierra Silver'	S	15	12	85	E	S,M	M	L,F,S	N	N	N	N	N	



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Common Name	Botanical Name	S, M, L	(Feet)	(Feet)	(SQ. Feet)	D, E, S	S, M, F	L, M, H	L, F, S	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	M, RW, P, W
TREES															
Sonoran Emerald Palo Verde	Parkinsonia x 'Sonoran Emerald'	M	25	25	368	S	F	L	F	N	Y	Y	N	Y	
Southern Live Oak	Quercus virginiana	M	30	20	236	S	S,M	M	L,F,S	N	N	Y	N	N	M, RW, P, W
Stone Pine	Pinus pinea	L	60	40	942	E	S,M	M	L,S	N	Y	Y	Y	N	
Strawberry Tree	Arbutus unedo	S	15	10	59	E	S,M	M	S	N	N	N	N	Y	
Swan Hill or Wilson Olive	Olea europaea 'Swan Hill', 'Wilson'	M	25	20	236	E	S	M	L	N	Y	Y	Y	N	M, RW, P, W
Sweet Acacia	Acacia farnesiana	S	20	20	236	E	S,M	L	L,S	Y	N	Y	Y	Y	W
Texas Ebony	Ebenopsis ebano	M	25	20	236	S	S,M	L	L,S	Y	N	N	N	Y	
Texas Honey Mesquite	Prosopis glandulosa var. glandulosa	M	30	35	722	D	F	L	L,S	Y	Y	Y	Y	Y	
Texas Mountain Laurel	Sophora secundiflora	S	15	12	85	E	S,M	L	L,F,S	N	N	N	N	Y	M, RW, P
Texas Olive	Cordia boissieri	M	20	15	133	S	S,M	M	L,F,S	N	Y	N	N	N	M, RW, P, W
Texas Red Oak	Quercus buckleyi	M	30	30	530	D	S,M	M	L,F,S	N	N	Y	Y	N	M, RW, P, W
Thornless Argentine Mesquite	Prosopis alba 'Cooperi'	M	30	30	530	S	F	L	S	N	N	Y	Y	Y	RW, P, W
Thornless Chilean Mesquite	Prosopis chilensis 'Thornless' or 'Arizona'	M	30	30	530	S	F	L	L	N	Y	Y	Y	Y	RW, P, W
Thornless Honey Mesquite	Prosopis glandulosa 'Maverick'	M	30	30	530	D	F	L	L,S,F	N	Y	Y	Y	Y	
Thornless Hybrid Mesquite	Prosopis x 'Phoenix'	M	30	30	530	D	F	L	L	N	Y	Y	Y	Y	
Thornless Hybrid Mesquite	Prosopis x 'Rio Salado'	M	30	30	530	D	F	L	L	N	Y	Y	Y	Y	
Velvet Mesquite	Prosopis velutina	M	30	30	530	D	F	L	L	N	Y	Y	Y	Y	RW, P, W
Western Redbud	Cercis occidentalis	S	13	15	133	D	S,M	M	L,F,S	N	Y	N	N	Y	
White Thorn Acacia	Acacia constricta	S	10	15	133	D	S	L	S	Y	N	Y	N	Y	
Willow Acacia	Acacia salicina	M	30	15	133	E	F	L	L,F,S	N	Y	N	Y	N	P,W



Landscape Standards

Height, Width, Coverage at mature growth TYPE: Deciduous, Evergreen, Semievergreen GROWTH RATE: Slow, Moderate, Fast WATER NEEDS: Very Low, Low, Medium, High DROUGHT TOLERANCE: Low, Medium, High EXPOSURE: Full Sun, Partial Shade, Shade		Height (Average)	Width (Average)	Coverage	Type	Growth Rate	Water Use	Drought Tolerance	Spines or Thorns	Physical Barrier	Exposure	Pollinator	Medians (M), Rights of Way (RW), Parks (P), Washes (W)
Common Name	Botanical Name	(Feet)	(Feet)	(SQ. Feet)	D, E, S	S, M, F	VL, L, M, H	L, M, H	Yes / No	Yes / No	Yes / No	Yes / No	M, RW, P, W
SHRUBS													
Apache Plume	Fallugia paradoxa	6	4	13	S	F	L	H	N	Y	F,P	Y	
Arizona Mescal Bean	Sophora arizonica	10	8	50	E	S	L	M	N	N	F,P	Y	
Arizona Rosewood	Vauquelinia californica	15	10	79	E	M	L	H	N	Y	F,P	Y	
Autumn Sage	Salvia greggii	2	2	3	S	F	L	M	N	N	F,P	Y	RW,P,W
Baja Fairy Duster	Calliandra californica	5	6	28	E	S,M	L	H	N	N	F,P	Y	
Barbados Cherry	Malpighia glabra 'Mariquita'	3	3	7	S	M	M	L	N	N	P	N	
Berlandier Acacia, Guajillo	Acacia berlandieri	12	12	113	D, E, S	M	M	H	N	N	F,P	N	
Big Sage Brush	Artemisia tridentata	4	3	7	E	M	L	H	N	N	F	N	
Black Dalea	Dalea frutescens	4	5	20	S	M	L	H	N	Y	F	Y	
Blackbrush	Coleogyne ramosissima	5	5	20	S	S	L	H	N	Y	F	N	
Blackbrush Acacia	Acacia rigidula	10	10	79	S	S	L	H	Y	Y	P	Y	
Bladdersage	Salazaria mexicana	3	3	7	D	M	VL	H	N	N	F	N	
Blue Hibiscus	Alyogne heugelii	6	6	28	E	M	L	M	N	N	F	Y	
Blue Mist Spirea	Caryopteris x clandonensis 'Dark Knight'	3	4	13	D	M	M	ML	N	Y	F,P	Y	RW,P,W
Blue Sage	Salvia chamaedryoides	2	3		E	M	L	H	N	N	F,P	Y	RW,P,W
Blue Texas Ranger, Cimarron Ranger	Leucophyllum zygomphyllum 'Cimmaron'	3	3	7	E	S	L	H	N	Y	F	Y	RW,P,W
Bottlebrush, Lemon Bottlebrush	Callistemon citrinus	8	8	50	E	M	L	M	N	Y	F	Y	
Bougainvillea spp.	Bougainvillea spp	10	10		E	M	M	M	Y	N	F	Y	RW,P,W
Brewer's Saltbush, Quail Bush	Atriplex lentiformis breweri	7	7	38	E	M	L	H	Y	Y	F	N	
Brittlebush	Encelia farinosa	3	4	13	D	M	VL	H	N	N	F	Y	M,RW,P,W
Buckwheat	Eriogonum spp.	3	3	7	D	M	L	H	N	N	F	N	
Bush Lantana	Lantana camara	3	6	28	E	F	L	H	N	N	F	Y	
Butterfly Bush	Buddleja davidii	8	6	28	D,S	F	M	L	N	Y	F,P	Y	
Chuparosa	Justicia californica	3	4	13	D	M	L	H	N	N	F	Y	M,RW,P,W
Chaparral Sage	Salvia clevelandii	5	6	28	E	M	L	H	N	Y	F,P	Y	RW,P,W
Chihuahuan Sage	Leucophyllum laevigatum	6	6	28	E	S	L	H	N	Y	F	Y	RW,P,W
Classic Myrtle	Myrtus communis	6	6	28	E	S	L	H	N	Y	F,P	N	
Cliff Goldenbush	Ericameria cuneata	2	3	7	D	S	L	H	N	N	F	Y	
Cliff Rose	Purshia stansburiana	6	6	28	E	S	L	H	N	N	F,P	Y	
Compact Jojoba	Simmondsia chinensis 'Vista'	4	4	13	E	S,M	VL	H	N	Y	F,P	N	
Compact Myrtle	Myrtus communis 'Compacta'	4	4	13	E	S	L	H	N	N	F,P	N	
Compact Texas Ranger	Leucophyllum frutescens 'Compacta'	5	5	20	E	S	L	H	N	Y	F	Y	
Cooper's Wolfberry	Lycium cooperi	5	6	28	E	F	L	H	Y	Y	F,P	N	
Coral Fountain	Russelia equisetiformis	4	6	28	E,S	M	M	H	N	N	F,P	N	
Creeping Acacia, Prostrate Acacia	Acacia redolens	3	10	79	E	F	VL	H	N	N	F	Y	M,RW,P,W
Creosote Bush	Larrea tridentata	8	6	28	E	M	VL	H	N	N	F	N	
Damianta	Chrysactinia mexicana	2	2	3	E	S,M	L	M	N	N	F	Y	
Desert Almond	Prunus fasciculata	4	4	13	D	M	L	H	N	N	F	N	
Desert Honeysuckle	Anisacanthus thurberi	6	6		D	M	L	H	N	N	F,P	Y	M, RW, P, W



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Desert Milkweed	Asclepias subulata	5	5	20	E	S	L	H	N	Y	F	Y	
Desert Olive, New Mexico Privet	Forestiera pubescens	6	6	28	D	M	L	H	N	Y	F,P	N	
Desert Ruellia	Ruellia peninsularis	4	5	20	S	M	L	H	N	N	F	Y	
Desert Saltbush	Atriplex polycarpa	6	6	28	D	S	M	H	N	N	F	N	
Desert Senna, Desert Cassia	Senna nemophila	6	6	28	E	M	L	H	N	N	F,P	Y	
Devil's River, Orange Daisy	Wedelia texana 'Devil's River'	3	3	7	S,D	M	L	H	N	N	F,P	Y	
Dwarf Bottlebrush	Callistemon citrinu 'Little John'	2	3	7	E	S	L	M	N	N	F	Y	
Dwarf Oleander	Nerium oleander 'Petite'	6	5	20	E	M	L	H	N	Y	F	Y	RW,P,W
Dwarf Pomegranate	Punica granatum 'Nana'	3	3	7	D	M	M	M	Y	N	F,P	N	
Dwarf Xylosma	Xylosma congestum 'Compacta'	5	6	28	E	M	M	M	N	N	F,P	N	
Dyer's Greenwood	Genista tinctoria	6	6	28	D	S	M	H	N	N	F	N	
Easter Egg Eremophila	Eremophila racemosa	5	5	20	E	M	L	H	N	Y	F	Y	
Ebbing's Silverberry	Elaeagnus x ebbingei	8	8	50	E	F	M	M	N	Y	F,P	N	
Eremophila, Emu Bush	Eremophila spp.	4	4	13	E	M	L	H	N	Y	F,P	Y	
Evergreen Sumac	Rhus virens	10	15	177	E	M	L	H	N	Y	F,P	N	
Feathery Senna, Feathery Cassia	Senna artemisioides	6	6	28	E	M	VL	H	N	N	F,P	Y	
Fern Bush, Desert Sweet	Chamaebatiaria millefolium	5	5	20	S	M	L	M	N	Y	F,P	N	
Fire and Ice Emu Bush	Eremophila glabra 'Murchinson River'	3	6	28	E	M	L	H	N	Y	F	Y	
Four-Wing Saltbush	Atriplex canescens	5	8	50	S	M	M	H	N	N	P	N	
Fremont's Barberry	Berberis fremontii	6	4	13	E	S	L	H	Y	Y	F,P	N	
Germander	Teucrium chamaedrys	2	2	3	E	M	L,M	M	N	N	F,P	Y	
Glossy Abelia	Abelia x grandiflora	5	5	20	E,S	F	M	M	N	Y	F,P	N	
Golden Dewdrop, Sky Flower	Duranta erecta 'Sweet Memory'	15	10	79	S	S	M	L,M	N	N	F,P	Y	
Gray-Leaf Cotoneaster	Cotoneaster glaucophyllus	5	6	28	E	M	M	M	N	Y	F,P	N	
Green Cloud Texas Ranger	Luecophyllum frutescens 'Green Cloud'	6	6	28	E	S	L	H	N	Y	F	Y	RW,P,W
Green Lavendar Cotton, Green Santolina	Santolina rosmarinifolia	2	3	7	E	M	M	M	N	N	F,P	Y	
Greythorn	Ziziphus obtusifolia	6	8	50	D	S,M	L	H	Y	Y	F,P	N	
Houdini Texas Ranger	Leucophyllum revolutum 'Houdini'	4	4	13	E	S	L	H	N	Y	F	Y	
Indigo Bush	Psoralea fremontii	3	4	13	D	S	VL	H	N	N	F	Y	
Japanese Barberry	Berberis thunbergii	4	4	13	D	M	M	L	Y	Y	F,P	N	
Japanese Boxwood	Buxus microphylla 'Japonica'	4	4	13	E	S	M	M	N	N	F	N	
Japanese Sago Palm	Cycas revoluta	5	6	28	E	S	M	M	Y	Y	P,S	N	
Jerusalem Sage	Phlomis lanata	3	4	13	E	M	M	M	N	N	F,P	N	
Jobba	Simmondsia chinensis	6	6	28	E	S,M	VL	H	N	Y	F,P	N	M,RW,P,W
Knifefleaf Acacia, Knife Acacia	Acacia cultriformis	10	10	79	E	M	L	M	N	N	F,P	N	
Las Vegas Valley Buckwheat	Eriogonum corymbosum ver. Nilesii	3	3	7	D	M	VL	H	N	N	F	N	



Landscape Standards

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Common Name	Botanical Name	(Feet)	(Feet)	(SQ. Feet)	D, E, S	S, M, F	VL, L, M, H	L, M, H	Yes / No	Yes / No	Yes / No	Yes / No	M, RW, P, W
Lavender Cotton, Gray Santolina	Santolina chamaecyparissus	2	3	7	E	M	M	M	N	N	F,P	Y	
Lavender Spice, Mexican Oregano	Poliomnitha maderensis	3	3	7	E,S	M	M	M	N	N	F,P	N	
Leatherleaf Acacia, Waxleaf Acacia	Acacia craspedocarpa	10	15	177	E	S	L	M	N	N	F	N	
Lynn's Legacy Texas Ranger	Leucophyllum langmaniae 'Lynn's Legacy'	5	5	20	E	S	L	H	N	Y	F	Y	
Matilija Poppy, Fried Egg Poppy	Romneya coulteri	6	6	28	S	S	L,M	M	N	N	F,P	Y	
Mexican Bird of Paradise	Caesalpinia mexicana	12	6	28	D,E	F	L	H	N	N	F,P	Y	RW,P,W
Mexican Blue Sage	Salvia chamaedryoides	2	2	3	E,S	M	L	M	N	N	F,P	Y	
Mexican Bush Sage	Salvia leucantha	4	4	13	S	M,F	L	M	N	N	F,P	N	
Mexican Cliffrose	Purshia mexicana	7	4	13	E	S	L	M	N	N	F	Y	
Mexican Elderberry	Sambucus mexicana	15	15	177	D,S	M,F	M	H	N	Y	F,P	N	
Mexican Flame	Anisacanthus quadrifidus-wrightii 'Mexican'	4	4	13	D	M	L	H	N	N	F,P	Y	
Mexican Honeysuckle	Justica spicigera	3	4	13	E	M	L	M	N	N	F,P	Y	M,RW,P,W
Mojave Sage	Salvia mohavensis	3	3	7	E	M	VL	H	N	N	F,P	Y	
Mormon Tea	Ephedra viridis	3	3	7	E	S	L	H	N	N	F	N	M,RW,P,W
Narrowleaf Rosewood	Vauquelinia corymbosa var. heterodon	15	15	177	E	M	L	H	N	Y	F,P	N	
Nevada Jointfir, Nevada Mormon Tea	Ephedra nevadensis	3	3	7	E	M	VL	H	N	N	F	N	
Nevada Smokebush	Psoralea polydenia	5	4	13	D	S	VL	H	N	N	F	Y	
Old Man Saltbush	Atriplex nummularia	10	10		E	S,M	L	M	N	N	F	N	W
Oleander	Nerium oleander	15	15	177	E	M	L	H	N	Y	F	Y	
Orange Jubilee' Tecoma, Orange Bells	Tecoma x 'Orange Jubilee'	8	8	50	D,S	F	L	M	N	N	F,P	Y	
Pale Wolfberry	Lycium pallidum var. oligospermum	5	6	28	E	F	L	H	Y	Y	F,P	N	
Pineapple Guava	Feijoa sellowiana	15	15	177	E	S	L	H	N	Y	F,P	N	
Pink Beauty Emu Bush	Eremophila laanii 'Pink Beauty'	6	6	28	E	F	L	H	N	Y	F	Y	
Pink Desert Hibiscus, African Mallow	Anisodonteia hypomandarum	4	4	13	E	F	M	L	N	Y	F,P	Y	
Pink Fairy Duster	Calliandra eriophylla	3	3	7	E	S,M	L	H	N	N	F,P	Y	M,RW,P,W
Pink Indigo Bush	Dalea pulchra	4	5	20	E	M,F	L	H	N	Y	F	Y	M,RW,P,W
Purple Hopseed Bush	Dodonaea viscosa	10	6	28	E	M	L	M	N	Y	F	N	
Purple Rock Rose, Orchid Rockrose	Cistus purpureus	4	4	13	E	F	L	H	N	N	F	Y	
Purple Sage, Desert Sage	Salvia dorrii	2	3	7	E,S	M	L	H	N	N	F,P	Y	RW,P,W
Pyracantha, Firethorn	Pyracantha spp.	8	8	50	E	F	M	M	Y	Y	F,P	N	
Pyrenees Cotoneaster	Cotoneaster congestus	2	3	7	E	M	M	M	N	N	F,P	N	
Quailbush, Big Saltbush	Atriplex lentiformis	6	8	50	D	M	L	H	Y	Y	F	N	
Rain Cloud Texas Ranger	Leucophyllum x 'Rain Cloud'	5	4	13	E	S	L	H	N	Y	F	Y	
Red Bird of Paradise	Caesalpinia pulcherrima	6	6	28	D,E	F	L	H	Y	N	F	Y	RW,P,W
Red Clusterberry	Cotoneaster lacteus	6	6	28	E	M	M	M	N	Y	F,P	N	
Red Justicia	Justicia candicans	5	3	7	D	M	H	L	N	N	P,S	Y	M,RW,P,W



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Common Name	Botanical Name	(Feet)	(Feet)	(SQ. Feet)	D, E, S	S, M, F	VL, L, M, H	L, M, H	Yes / No	Yes / No	Yes / No	Yes / No	M, RW, P, W
Rio Bravo Texas Ranger	Leucophyllum langmaniae 'Rio Bravo'	6	6	28	E	S	L	H	N	Y	F	Y	
Rockspray	Cotoneaster microphyllus	3	6	28	E	M	M	M	N	N	F,P	N	
Rose	Rosa spp.	4	3	7	D,E	F	M	M	Y	Y	F,P	Y	
Rosemary	Rosmarinus officinalis	4	6	28	E	M,F	L	M	N	Y	F,P	Y	RW,P,W
Katie Ruellia	Ruellia brittoniana 'Katie'	1	2		E	S	L	M	N	N	F,P	Y	RW,P,W
Sage	Salvia spp.	4	4	13	D,E	M,F	L	M	N	N	F,P	Y	
Saltbush, Desert Holly	Atriplex hymenelytra	2	2	3	E	S	VL	H	N	N	F	N	
Sand Sage	Artemisia filifolia	4	3	7	E	M	L	H	N	N	F	N	
Scarlet Sage	Salvia coccinea	3	4	13	S	M	L	M	N	N	F,P	Y	
Scrub Live Oak	Quercus turbinella	6	6	28	E	S	L	H	Y	Y	F,P,S	N	
Sea Green Juniper	Juniperus chinensis 'Sea Green'	5	6	28	E	M	M	M	N	Y	F,P	N	
Shadscale	Atriplex confertifolia	2	3	7	D	F	VL	H	Y	N	F	N	
Shrubby Jerusalem Sage	Phlomis fruticosa	3	3	7	E	M	M	M	N	N	F,P	N	
Shrubby Senna, Shrubby Cassia	Senna wislizenii	8	6	28	D	M	L	H	N	N	F,P	Y	
Sierra Bouquet Texas Ranger	Leucophyllum pruinum 'Sierra Bouquet'	6	6	28	E	S	L	H	N	Y	F	Y	
Sierra Madre Sage	Salvia microphylla 'Sierra Madre'	3	3	7	E	M	M	M	N	N	F,P	Y	RW,P,W
Silver Cloud Texas Ranger	Leucophyllum candidum 'Silver Cloud'	5	5	20	E	S	L	H	N	Y	F	Y	M,RW,P,W
Silver Dalea	Dalea bicolor 'argyrea'	3	3	7	E	F	L	H	N	N	F	Y	
Silver King Euonymus	Euonymus japonicus 'Silver King'	5	6	28	E	S	M	M	N	N	P,S	N	
Silverberry	Elaeagnus pungens	8	8	50	E	F	M	M	Y	Y	F,P	N	
Silvery Senna, Silver Leaf Cassia	Senna phyllodinea	6	6	28	E	M	L	H	N	N	F,P	Y	
Slender Fuchsia	Eremophila decipiens	3	3	7	E	M	M	H	N	Y	F,P	N	
Snakeweed	Gutierrezia sarothrae	2	2	3	S	M	VL	H	N	N	F,P	N	
Spartan Chinese Juniper	Juniperus chinensis 'Spartan'	15	6	28	E	M	L	H	N	Y	F,P	N	
Spiny Senna	Senna armata	3	4	13	D	M	VL	H	Y	N	F	Y	
Spotted Emu Bush	Eremophila maculata	6	6	28	E	S	L	H	N	Y	F,P	Y	
Squaw Bush / Skunk Bush	Rhus trilobata	5	8	50	D	M	L	H	N	Y	F,P	N	
Sugar Bush	Rhus ovata	12	12	113	E	S,M	L	H	N	Y	F,P	Y	
Summertime Blue Emu Bush	Eremophila x 'Summertime Blue'	6	10	79	E	F	L	H	N	Y	F	Y	
Sunrise' Tecoma	Tecoma x 'Sunrise'	8	8	50	D,S	F	L	M	N	N	F,P	Y	
Sweet Bush	Bebbia juncea	3	3	7	S	M	L	H	N	N	F	Y	
Texas Ranger, Texas Sage	Leucophyllum frutescens	6	6	28	E	S	L	H	N	Y	F	Y	
Thunder Cloud Texas Ranger	Leucophyllum frutescens 'Thunder Cloud'	3	4	13	E	S	L	H	N	Y	F	Y	
Turpentine Broom	Thamnosma montana	2	2	3	D	S	VL	H	N	N	F	Y	
Turpentine Bush	Ericameria laricifolia	2	3	7	D	S	VL	H	N	N	F	Y	
Twisted Myrtle	Myrtus communis boetica	10	10	79	E	S	L	H	N	N	F,P	N	
Utah Butterfly Bush	Buddleja utahensis	2	2	3	E	M	L	H	N	N	F,P	Y	
Valentine Emu Bush	Eremophila maculata 'Valentine'	4	5	20	E	M	L	H	N	Y	F	Y	M,RW,P,W



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Common Name	Botanical Name	(Feet)	(Feet)	(SQ. Feet)	D, E, S	S, M, F	VL, L, M, H	L, M, H	Yes / No	Yes / No	Yes / No	Yes / No	M, RW, P, W
Velvet-leaf Mallow, Superstition Mallow	Abutilon palmeri	4	4	13	E,S	M	M	M	N	N	F,P	Y	
Velvet-leaf Senna	Senna lindheimeriana	3	3	7	E	M	L	H	N	N	F,P	Y	
Virgin River Brittlebush	Encelia virginensis	2	2	3	S	M	VL	H	N	N	F	Y	
White Bursage, Burrobush	Ambrosia dumosa	2	4	13	E	F	L	H	N	N	F	N	
White Cloud Texas Ranger	Leucophyllum frutescens 'White Cloud'	6	6	28	E	S	L	H	N	Y	F	Y	
White Plumbago	Plumbago scandens 'Summer Snow'	3	4		E	M	M	M	N	N	F,P	Y	RW,P,W
White Rockrose	Cistus hybridus	3	5	20	E	F	L	H	N	N	F	N	
White Sage	Artemisia ludoviciana	2	3		S	S	L	H	N	N	F	Y	RW, P, W
Wild Buckwheat, California Buckwheat	Eriogonum fasciculatum	2	3	7	E	F	L	H	N	N	F	N	
Winter Gold Emu Bush	Eremophila maculata 'Winter Gold'	4	6	28	E	M	L	H	N	Y	F,P	Y	
Winterfat	Krascheninnikovia lanata	2	3	7	E	F	VL	H	N	N	F	N	
Wolf Berry	Lycium andersonii	6	4	13	D	M	VL	H	Y	N	F	N	
Woods' Rose	Rosa woodsii	4	4	13	D	M	M	M	Y	Y	F,P	Y	
Wooly Bursage	Ambrosia eriocentra	3	3	7	E	M	L	H	N	N	F,P	N	
Wooly Butterfly Bush	Buddleja marrubifolia	5	5	20	E	F	L	H	N	Y	F,P	Y	
Xylosma	Xylosma congestum	8	8	50	E	M	M	M	N	N	F,P	N	
Yellow Bird of Paradise	Caesalpinia gilliesii	8	6	28	D,E	F	L	H	N	N	F	Y	M,RW,P,W
Yellow Rabbit Brush, Green Rabbit Brush	Chrysothamnus viscidiflorus	3	3	7	D	M	L	H	N	N	F	N	
Yellow Snapdragon Bush	Keckellia antirrhinoides	4	4	13	S	M	L	H	N	N	F,P	N	
Yellow Trumpet Flower, Yellow Bells	Tecoma stans	8	8	50	S	F	L	M	N	N	F,P	Y	
Yerba Santa	Eriodictyon angustifolium	3	3	7	E	M	L	H	N	N	F,P	N	
GROUNDCOVERS													
Boothill Eupatorium	Conoclinium greggii 'Boothill'	2	2	3	E	F	M	M	N	N	P	N	
Bush Morning Glory	Convolvulus cneorum	2	4	13	E	F	L	M	N	N	F	Y	
Creeping Oregon Grape	Berberis repens	2	4	13	E	S	M	M	N	N	P,S	N	
Creeping Wire Vine	Muehlenbeckia axillaris	1	3	7	E	F	M	M	N	N	P	N	
Desert Carpet Creeping Acacia	Acacia redolens 'Desert Carpet'	2	12	113	E	S,M	VL	H	N	N	F	Y	
Desert Sand Verbena	Abronia villosa	1	2	3	D	M	L	H	N	N	F	Y	
Gold Coin Daisy	Asteriscus maritimus	1	3	7	E	M	M	M	N	N	F	Y	
Goodding Verbena	Glandularia gooddingii	1	3	7	D	M	L	H	N	N	F	Y	
Goosefoot Mallow	Sphaeralcea grossulariifolia	2	4	13	E	F	VL	H	N	N	P	Y	
Gray Ice Plant, Coppery Mesemb	Malephora crocea	1	3	7	E	M	M	M	N	N	F,P	N	
Ground Morning Glory	Convolvulus mauritanicus	1	3	7	P	F	L	M	N	N	F	Y	
Moss Verbena	Glandularia pulchella	1	3	7	E	M	L	L	N	N	F,P	Y	
Outback Sunrise Emu	Eremophila glabra 'Mingenew Gold'	1	6		E	M	L	M	N	N	F,P	Y	M,RW,P,W
Peruvian Verbena	Glandularia peruviana	1	2	3	D	F	L	L	N	N	P	Y	
Prostrate Germander	Teucrium chamaedrys 'Prostratum'	2	4	3	E	M	L	M	N	N	F,P	Y	M,RW,P,W



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Common Name	Botanical Name	(Feet)	(Feet)	(SQ. Feet)	D, E, S	S, M, F	VL, L, M, H	L, M, H	Yes / No	Yes / No	Yes / No	Yes / No	M, RW, P, W
Prostrate Indigo Bush	<i>Dalea greggii</i>	1	8	50	E	F	L	H	N	N	F	Y	RW,P,W
Prostrate Myoporum	<i>Myoporum parvifolium</i>	0.5	8	50	D	F	L	H	N	N	F	N	
Prostrate Rosemary	<i>Rosmarinus officinalis 'prostratus'</i>	2	4	13	E	F	L	H	N	N	F	Y	
Purple Heart, Wandering Jew	<i>Tradescantia pallida 'Purpurea'</i>	1	2	3	E	M	M	L	N	N	F,P	N	
Purple Iceplant	<i>Drosanthemum cooperi</i>	1	4	13	E	M,F	L	M	N	N	F,P	N	
Raspberry Fuzzies	<i>Acalypha monostachys</i>	1	1	1	S	M	M	M	N	N	F	Y	
Red Spike Iceplant	<i>Cephalophyllum speciosum 'Red Spike'</i>	1	2	3	E	M	L	M	N	N	F,P	N	
Rock Verbena	<i>Glandularia tenera</i>	1	2	3	P	F	L	L	N	N	P	N	
Rocky Point Ice Plant	<i>Malephora lutea</i>	1	3	7	E	M	L	M	N	N	F,P	N	M,RW,P,W
Sandpaper Verbena, Coarse Verbena	<i>Verbena rigida</i>	1	3	7	P	F	L	L	N	N	F	Y	
Santa Cruz Pyracantha, Firethorn	<i>Pyracantha fortuneana 'Santa Cruz'</i>	2	5	20	E	M	M	M	Y	Y	P	N	
Sierra Gold Dalea	<i>Dalea capitata 'Sierra Gold'</i>	1	3	7	D	F	L	H	N	N	F	Y	
Sierra Sundrop	<i>Calylophus hartwegii</i>	1	2	3	D	F	L	H	N	N	F	Y	
Small Leaf Myoporum	<i>Myoporum brevifolium 'Emerald Gem'</i>	0.5	4	13	D	M	L	H	N	N	F,P	N	
Spurge, Gopher Plant	<i>Euphorbia rigida</i>	2	3	7	E	F	L	H	N	N	F	N	
Texas Betony, Scarlet Hedge Nettle	<i>Stachys coccinea</i>	1	2	3	E,S	M	M	M	N	N	F,P	N	
Trailing Lantana	<i>Lantana montevidensis</i>	1	6	28	D	F	L	M	N	N	F	Y	
VINES													
Cape Honeysuckle	<i>Tecomaria capensis</i>	8	5	20	E	M	L	L	N	N	F,P	Y	
Carolina Jasmine	<i>Gelsemium sempervirens</i>	10	5	20	E	M	H	L	N	N	P	N	
Cat's Claw Vine	<i>Macfadyena unguis-cati</i>	15	10	79	S	M	L	L	N	N	F,P	Y	
Creeping Fig	<i>Ficus pumila</i>	10	5	20	E	M	M	M	N	N	P,S	N	
Hacienda Creeper	<i>Parthenocissus spp. 'Hacienda Creeper'</i>	15	10	79	D	F	M	M	N	N	F,P	Y	
Happy Wanderer, Lilac Vine	<i>Hardenbergia violacea</i>	10	5	20	E	M	H	L	N	N	P	Y	
Lady Bank's Rose	<i>Rosa banksiae</i>	15	10	79	E	M	M	M	Y	N	P,F	Y	
Orchid Vine	<i>Callaeum lilacaena</i>	12	5	20	D	F	L	H	N	N	F	Y	
Potato Vine	<i>Solanum jasminoides</i>	10	5	20	S,D	M,F	M	M	N	N	P,F	N	
Primrose Jasmine	<i>Jasminum mesnyi</i>	10	5	20	E	M	M	L	N	N	P	N	
Queen's Wreath, Coral Vine	<i>Antigonon leptopus</i>	15	10	79	D	M,F	M	M	N	N	F	Y	
Snapdragon Vine	<i>Maurandya antirrhiniflora</i>	8	5	20	D	M	L	M	N	N	F,P	Y	
Trumpet Creeper	<i>Campsis spp.</i>	10	10	79	D	F	M	L	N	N	P	Y	
Western Virgin's Bower	<i>Clematis lingusticifolia</i>	12	5	20	S	F	M	M	N	N	F,P	Y	
AGAVES, CACTI, SUCCULENTS, AND YUCCAS													
Adam's Needle	<i>Yucca filamentosa</i>	3	3	7	E	M	L	H	Y	Y	F,P	N	
African Aloe	<i>Aloe saponaria</i>	2	1	1	E	M	L	M	Y	N	P	N	
Agave Ocahui	<i>Agave ocahui</i>	2	3	7	E	S	VL	H	Y	Y	F	N	M,RW,W
Aloe Vera	<i>Aloe barbadensis</i>	2	2	3	E	S,M	L	M	Y	N	F,P	N	
Argentine Trichocereus	<i>Trichocereus candicans</i>	3	6		E	S,M	L	M	Y	N	F,P	N	RW,W



Landscape Standards

Height, Width, Coverage at mature growth TYPE: Deciduous, Evergreen, Semievergreen GROWTH RATE: Slow, Moderate, Fast WATER NEEDS: Very Low, Low, Medium, High DROUGHT TOLERANCE: Low, Medium, High EXPOSURE: Full Sun, Partial Shade, Shade		Height (Average)	Width (Average)	Coverage	Type	Growth Rate	Water Use	Drought Tolerance	Spines or Thorns	Physical Barrier	Exposure	Pollinator	Medians (M), Rights of Way (RW), Parks (P), Washes (W)
Common Name	Botanical Name	(Feet)	(Feet)	(SQ. Feet)	D, E, S	S, M, F	VL, L, M, H	L, M, H	Yes / No	Yes / No	Yes / No	Yes / No	M, RW, P, W
Arizona Organ Pipe	Stenocercus thurberi	8	8		E	S,M	VL	H	Y	Y	F	N	RW,W
Artichoke Agave	Agave parryi var. truncata	3	3	7	E	S,M	L	H	Y	N	F	N	3
Australis Yucca	Yucca australis	30	10	79	E	S	L	H	Y	N	F	N	RW,W
Banana Yucca	Yucca baccata	4	6	28	E	S	L	H	Y	Y	F,P	N	RW,W
Beaked Yucca	Yucca rostrata	10	3	7	E	S,M	L	H	Y	N	F	N	RW,W
Bear Grass	Nolina microcarpa	4	5	20	E	M	L	H	N	N	F	N	M,RW,P,W
Beavertail Cactus	Opuntia basilaris	1	4	13	E	M	L	H	Y	Y	F	N	RW,W
Beehive Cactus	Escobaria vivipara var. bisbeana	1	1	1	E	S,M	L	H	Y	N	F,P	N	
Bell-Flowered Hesperaloe	Hesperaloe campanulata	3	3	7	E	M	L	H	N	N	F,P	N	M,RW,P,W
Bigelow's Nolina	Nolina bigelovii	6	4	13	E	M	L	H	N	N	F	N	
Black Spine Prickly Pear	Opuntia macrocentra	4	3	8	E	M	L	H	N	Y	F	N	
Blue Elf Aloe	Aloe x 'Blue Elf'	2	2	3	E	S,M	M	M	Y	N	P,S	N	
Blue Nolina	Nolina nelsonii	5	5	20	E	M	L	H	N	N	F	N	
Blue Yucca	Yucca rigida	12	3	7	E	M	L	H	Y	N	F	N	RW,W
Bristly Prickly Pear	Opuntia engelmannii var. acicularis	8	10	79	E	M	L	H	Y	Y	F,P	N	
Buckhorn Cholla	Cylindropuntia acanthocarpa	6	6	28	E	M	L	H	Y	Y	F	N	
Bunny Ears	Opuntia microdasys	3	5	20	E	M	L	H	Y	Y	F	N	
Cabbage Head Agave	Agave parrasana	2	2	3	E	S	L	H	Y	Y	F,P	N	
Cacti	Trichocereus spp.	15	3	7	E	S	L	H	Y	Y	F,P	N	
Century Plant	Agave americana	5	8	50	E	M	L	H	Y	Y	F	N	RW,W
Chahuíqui	Agave multiflora	3	4	13	E	S	M	M	Y	Y	F,P	N	
Chain-Fruit Cholla, Jumping Cactus	Cylindropuntia fulgida	8	5	20	E	M	L	H	Y	Y	F	N	
Chunari	Fouquieria macdougalii	6	4		D	S,M	VL	H	Y	N	F	N	M,RW,W
Claret Cup	Echinocereus triglochidiatus	1	2	3	E	S,M	L	H	Y	N	F	N	
Common Pincushion	Escobaria vivipara	1	1	1	E	S,M	L	H	Y	N	F,P	N	
Compass Barrel Cactus	Ferocactus acanthodes	6	2	3	E	S	L	H	Y	N	F	N	RW,W
Constricta Yucca	Yucca constricta	4	3	7	E	S	L	H	Y	N	F	N	
Cottontop Cactus	Echinocactus polycephalus	2	3	7	E	S	VL	H	Y	N	F	N	
Cow's Horn Agave	Agave bovicornuta	4	4	13	E	F	L	H	Y	N	P	N	EW,W
Cow's Tongue, Angel Wing Cactus	Opuntia engelmannii var. linguiformis	6	8	50	E	M	L	H	Y	Y	F	N	
Desert Spoon	Dasyliion wheeleri	5	6	28	E	M	L	H	Y	Y	F	N	M,RW,P,W
Diamond Cholla	Cylindropuntia ramosissima	3	5	20	E	S,M	L	H	Y	Y	F	N	
Durango Delight Agave	Agave schidigera 'Durango Delight'	2	3	7	E	F	L	H	Y	Y	F,P	N	
Englemann's Prickly Pear	Opuntia engelmannii	6	6	28	E	S,M	L	H	Y	Y	F,P	N	RW,W
Ferox Agave	Agave salmiana spp. Ferox	6	8	50	E	S,M	L	M	Y	Y	F,P	N	
Fishhook Barrel Cactus	Ferocactus wislizenii	6	2	3	E	S,M	L	H	Y	N	F	N	RW,W
Giant Hesperaloe	Hesperaloe funifera	6	6	28	E	M	L	H	N	N	F	N	RW,P,W
Gold Tooth Aloe	Aloe nobilium	1	1	1	E	S,M	L	M	Y	N	F,P	N	
Golden Barrel	Echinocactus grusonii	2	3	7	E	M	L	H	Y	Y	F	N	M,RW,P,W
Golden Flower Agave	Agave chrysantha	3	5		E	S	L	M	Y	N	E	N	RW,W
Golden Torch Cactus	Trichocereus spachianus	6	3	7	E	S,M	L	H	Y	N	F,P	N	
Green Desert Spoon	Dasyliion acrotriche	5	6	28	E	M	L	H	Y	Y	F	N	M,RW,P,W
Green Spider Agave	Agave bracteosa	1	1	1	E	S	L	H	N	N	F,P	N	M,RW,P,W



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Harriman's Yucca	Yucca harrimaniae	1	1	1	E	S	L	H	Y	N	F	N	
Havard Agave	Agave havardiana	3	4	13	E	M	L	H	Y	Y	F,P	N	
Hildmann's Cerus	Cerus hildmannianus											N	RW,W
Huachuca Agave	Agave parryi var. huachucensis	2	3	7	E	S	L	H	Y	N	F,P	N	
Indian Fig Cactus	Opuntia ficus-indica	15	10	79	E	M,F	L	M	N/Y	Y	F	N	RW,W
Joshua Tree	Yucca brevifolia	15	10	79	E	S	L	H	Y	N	F	N	RW,W
Medio Picta Century Plant	Agave americana var. medio-picta	4	6	28	E	S	L	H	Y	Y	F	N	
Mescal Ceniza	Agave colorata	3	3	7	E	M	L	H	Y	Y	F	N	M,RW,W
Mexican Organ Pipe	Pachycereus marginatus	11	8		E	S,M	VL	H	Y	Y	F	N	RW,W
Mojave Prickly Pear	Opuntia phaeacantha	3	6	28	E	S	L	H	Y	Y	F	N	
Mojave Yucca	Yucca schidigera	8	8	50	E	S	L	H	Y	N	F	N	
Mountain Agave	Agave montana	4	5	20	E	S	L	H	Y	Y	F,P	N	
Mountain Yucca	Yucca schottii	12	5	20	E	S,M	L	H	Y	N	F,P	N	
Murphy's Agave	Agave murpheyi	3	3	7	E	M	L	H	Y	N	F	N	RW,W
Nevada Agave	Agave utahensis spp. Nevadensis	1	1	1	E	S	VL	H	Y	N	F	N	
New Mexico Agave	Agave parryi var. neomexicana	1	2	3	E	S	L	M	Y	Y	F,P	N	
Night Blooming Yucca	Hesperaloe nocturna	5	6	28	E	M	L	H	N	N	F	N	M,RW,P,W
Ocotillo	Fouquieria splendens	12	6	28	D	S	L	H	Y	Y	F,P	N	M,RW,P,W
Octopus Agave	Agave vilmoriniana	4	4	13	E	F	M	M	N	N	F,P	N	RW,P,W
Old Man of the Andes	Oreocereus celsianus	6	2	3	E	M	L	H	Y	N	F,P	N	
Old Man Prickly Pear	Opuntia erinacea 'erinacea'	2	3	7	E	S,M	L	H	Y	Y	F	N	
Orange Tuna Cactus	Opuntia riviorea	5	7	50	E	M	L	H	Y	Y	F	N	
Our Lord's Candle, Chaparral Yucca	Yucca whipplei	3	6	28	E	S	L	H	Y	Y	F	N	
Pale Leaf Yucca	Yucca pallida	1	2	3	E	S	L	H	Y	N	F	N	
Palm Yucca	Yucca faxoniana	12	6	28	E	S	L	H	Y	N	F	N	
Palmer's Agave	Agave palmeri	3	3	7	E	S	L	H	Y	Y	F	N	
Pancake Prickly Pear	Opuntia chlorotica	4	5	20	E	M	L	H	Y	Y	F	N	
Paper Spine Cactus, Pine Cone Cactus	Tephrocactus articulatus	1	3	7	E	S	L	M	Y	Y	F,P	N	
Paraguay Cactus, Orange Tuna Cactus	Opuntia paraguayensis	6	4	13	E	M	L	M	Y	Y	F,P	N	
Parry's Agave	Agave parryi	3	3	7	E	S	L	H	Y	Y	F	N	RW,P,W
Pencil Cholla	Cylindropuntia arbuscula	8	3	7	E	M	L	H	Y	Y	F	N	
Peruvian Apple	Cereus hildmannianus	8	3	7	E	M	L	H	Y	Y	F	N	
Pincushion / Fishhook Cactus	Mammillaria tetrancistra	1	1	1	E	S,M	L	H	Y	N	F,P	N	
Pine Cone Prickly Pear, Paper Spine	Opuntia turpinii	1	2	3	E	M	L	H	N	N	P	N	
Purple Prickly Pear, Purple Pancake	Opuntia santa rita 'Tubac'	4	6	28	E	M	L	H	Y	Y	F	N	
Queen Victoria Agave	Agave victoriae-reginae	2	2	3	E	S	L	H	Y	N	F	N	M,RW,P,W
Red Yucca	Hesperaloe parviflora	3	3	7	E	M	L	H	N	N	F	N	M,RW,P,W
Rough-Leaved Agave	Agave scabra	4	4	13	E	S	L	H	Y	Y	F	N	
Saguaro (Spear)	Carnegiea gigantea	12	2	3	E	S	L	H	Y	Y	F	N	RW,P,W



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Common Name	Botanical Name	(Feet)	(Feet)	(SQ. Feet)	D, E, S	S, M, F	VL, L, M, H	L, M, H	Yes / No	Yes / No	Yes / No	Yes / No	M, RW, P, W
Saguaro (with Arms)	Carnegiea gigantea	20	6	28	E	S	L	H	Y	Y	F	N	RW,P,W
San Pedro Cactus	Trichocereus pachanoi	8	6	28	E	M	L	H	Y	N	F	N	
Senita	Lophocereus schottii	10	4		E	S	VL	H	Y	N	F	N	RW,W
Silver Cholla	Cylindropuntia echinocarpa	3	4	13	E	M	L	H	Y	Y	F	N	
Silver Dollar Cactus, Giant Prickly Pear	Opuntia robusta	18	10	79	E	M	L	H	Y	Y	F	N	
Smooth Agave	Agave desmettiana	3	3	7	E	F	L	H	Y	Y	F,P	N	M,RW,W
Soaptree Yucca	Yucca elata	10	8	50	E	S	L	H	Y	N	F,P	N	RW,W
Soapweed, Narrowleaf Yucca	Yucca glauca	3	4	13	E	S	L	H	Y	Y	F	N	
Spanish Bayonet	Yucca aloifolia	8	8	50	E	S	L	H	Y	Y	F	N	RW,W
Spanish Dagger	Yucca gloriosa	10	8	50	E	S,M	L	H	N	N	F,P	N	
Spider Aloe	Aloe x spinosissima	3	3	7	E	S	L	H	Y	N	P	N	
Staghorn Cholla	Cylindropuntia versicolor	6	5	20	E	M	L	H	Y	Y	F	N	
Stick Palm, Mexican Grass Tree	Dasyllirion longissimum	8	6	28	E	M	L	H	Y	Y	F	N	
Strawberry Hedgehog	Echinocereus engelmannii	1	3	7	E	S	L	H	Y	N	F	N	
Tap Aloe, Cape Aloe	Aloe ferox	6	5	20	E	S	L	M	Y	N	F,P	N	
Teddy Bear Cholla	Cylindropuntia bigelovii	6	4	13	E	M	L	H	Y	Y	F	N	
Texas Bear Cholla, Devil's Shoestring	Nolina texana	3	3	7	E	M	L	H	N	N	F	N	
Thompson's Yucca	Yucca thompsoniana	10	8	50	E	S	L	H	Y	Y	F	N	
Thread-Leaf Agave, Dark Green Agave	Agave filifera	2	2	3	E	M	L	H	Y	Y	F,P	N	
Torrey Yucca	Yucca torreyi	15	6	28	E	S	L	H	Y	Y	F	N	
Tree Aloe	Aloe arborescens	6	6	28	E	S	L	M	Y	N	F,P	N	
Treebear Grass	Nolina matapensis	12	6	28	E	M	L	H	N	N	F	N	RW,P,W
Twin-Flowered Agave	Agave geminiflora	3	4	13	E	M	L	H	Y	Y	F	N	
Twisted Yucca	Yucca rupicola	2	3	7	E	S	L	H	N	N	F,P	N	
Variegated Agave	Agave angustifolia var. marginata	3	3	7	E	S	L	H	Y	Y	F,P	N	
Weber Agave	Agave weberi	5	8	50	E	M,F	L	H	Y	Y	F,P	N	
Weeping Yucca, Pendulous Yucca	Yucca recurvifolia	6	6	28	E	S	L	H	Y	N	F,P	N	
Whale's Tongue Agave	Agave ovatifolia	3	4	13	E	S,M	L	H	Y	Y	F,P	N	
Yellow Margin Century Plant	Agave americana var. aurea-marginata	4	5	20	E	S	L	H	Y	Y	F,P	N	
Yellow Yucca	Hesperaloe parviflora 'Yellow'	3	3	7	E	M	L	H	N	N	F	N	
ORNAMENTAL GRASSES													
Alkali Sacaton Grass	Sporobolus airoides	4	2	3	D	M	L	M	N	N	F	N	
Autumn Glow	Muhlenbergia lindheimeri 'Autumn Glow'	5	5	20	D	F	L	H	N	N	F,P	N	
Bamboo Muhly, Fairy Bamboo	Muhlenbergia dumosa	4	4	13	E,S	M,F	M	M	N	N	F,P	N	
Big Galleta Grass	Pleuraphis rigida	3	2	3	S	F	VL	H	N	N	F	N	
Black Moudry	Pennisetum alopecuroides	5	5	20	S	F	M	L	N	N	F,P	N	
Blue Fescue	Festuca ovina	1	1	1	E	F	M	M	N	N	F	N	



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Blue Grama Grass	Bouteloua gracilis	2	2	3	E	F	VL	H	N	N	F	N	
Blue Oat Grass	Helictotrichon sempervirens	2	2	3	E,S	M	M	M	N	N	F	N	
Bull Grass	Muhlenbergia emersleyi 'El Toro'	3	3	7	E	F	VL	H	N	N	F,P	N	
Deer Grass	Muhlenbergia rigens	4	4	13	D	M	M	H	N	N	F,P	N	
Desert Needlegrass	Achnatherum speciosum	1	1	1	D	F	VL	H	N	N	F	N	
Dwarf Pampas Grass	Cortaderia selloana 'Pumila'	4	4	13	E	F	L	H	N	Y	F,P	N	
Feather Reed Grass	Calamagrostis x acutifolia	3	3	7	E	F	L	H	N	N	F,P	N	
Giant Feather Grass, Golden Oats	Stipa gigantea	3	2	3	S	M	M	L	N	N	F	N	
Golden Bamboo	Phyllostachys aurea	15	10	79	D	F	M	L	N	Y	F,P	N	
Indian Grass	Sorghastrum nutans	4	2	3	S	F	M	M	N	N	F	N	
Indian Ricegrass	Achnatherum hymenoides	1	1	1	D	F	VL	H	N	N	F	N	
Maiden Grass, Japanese Silver Grass	Miscanthus sinensis	5	4	12	D	M	M	M	N	N	F,P	N	
Mexican Feather Grass	Nasella tenuisima	2	2	3	D	M	M	M	N	N	F,P	N	
Mondo Grass	Ophiopogon japonicus	1	1	1	E	M	M	L	N	N	P,S	N	
Nashville Muhly Grass	Muhlenbergia rigida 'Nashville'	2	2	3	E	M	M	H	N	N	F,P	N	
Purple Fountain Grass	Pennisetum setaceum 'Rubrum' 'Cupreum'	4	3	7	S	F	M	L	N	N	F	N	
Purple Threeawn	Aristida purpurea	2	2	3	E	F	L	H	N	N	F	N	
Regal Mist Muhly Grass	Muhlenbergia capillaris 'Regal Mist'	3	3	7	D	F	L	M	N	N	F,P	N	M,RW,P,W
Sheep Fescue	Festuca ovina var. brachyphylla	1	1	1	E	F	M	M	N	N	F	N	
Side Oats Grama	Bouteloua curtipendula	2	2	3	D	F	L	H	N	N	F,P	N	
Variegated Maiden Grass	Miscanthus sinensis 'Variegata'	5	4	12	D	M	M	M	N	N	F,P	N	
PERENNIALS (Small Accent Areas Only)													
African Trailing Daisy, Freeway Daisy	Osteospermum fruticosum	1	4	13	E,S	M,F	M	M	N	N	F,P	Y	
Angel Wing / White Evening Primrose	Oenothera caespitosa	1	2	3	E	F	M	L	N	N	F,P	Y	
Angelita Daisy	Tetraneuris acaulis	1	1	1	E	M	L	M	N	N	F,P	Y	
Angel's Hair, Silver Mound Artemisia	Artemisia schmidtiana 'Silver Mound'	1	2	3	E	M	L	M	N	N	F,P	Y	
Arizona Poppy, Orange Caltrop	Kallstroemia grandiflora	1	1	1	S	F	L	M	N	N	F	Y	
Black-Eyed Susan	Rudbeckia hirta	2	2	3	D	F	L	H	N	N	F,P	Y	
Blackfoot Daisy	Melampodium leucanthum	1	2	3	S	M	L	M	N	N	F,P	Y	
Blanket Flower	Gaillardia aristata	2	2	3	E	F	M	L	N	N	F	Y	
Blue Flax	Linum lewisii	2	1	1	D	M	L	M	N	N	F	Y	
Bridge Penstemon	Penstemon rostriflorus	2	1	1	E	M	L	H	N	N	F,P	Y	
California Poppy, Golden Poppy	Eschscholzia californica	1	1	1	D	F	L	M	N	N	F	Y	



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Canyon Penstemon	Penstemon pseudospectabilis	2	4	13	E	F	L	H	N	N	F	Y	
Chocolate Flower	Berlandiera lyrata	1	2	3	E	F	L	H	N	N	F,P	Y	
Dahlberg Daisy	Thymophylla tenuiloba	1	1	1	E	S	L	H	N	N	F	Y	
Del Rio Penstemon	Penstemon baccharifolius 'Del Rio'	3	3	7	S	M	L	M	N	N	F,P	Y	
Desert Alyssium	Lepidium fremontii	2	2	3	D	F	VL	H	N	N	F	Y	
Desert Bluestar	Amsonia tomentosa	1	1	1	D	M	VL	H	N	N	F	Y	
Desert Marigold	Baileya multiradiata	1	2	3	D	M	L	H	N	N	F	Y	
Desert Prince's Plume	Stanleya pinata	4	3	7	D	F	VL	H	N	N	F	Y	
Desert Zinnia	Zinnia acerosa	1	1	1	D	F	L	H	N	N	F,P	Y	
Dwarf Morning Glory	Convolvulus tricolor	1	2	3	D	F	L	L	N	N	F,P	Y	
Dwarf Ruellia	Ruellia brittoniana vars. 'Katie', 'Rosa', 'Blanca'	1	2	3	E	M	M	M	N	N	F,P	Y	
Evergreen Candytuft	Iberis sempervirens	1	2	3	E	M	L	L	N	N	F,P	Y	
Fern Leaf Yarrow	Achillea filipendulina	3	3	7	E	F	L	M	N	N	F	Y	
Firecracker Penstemon	Penstemon eatonii	3	2	3	E	M	L	H	N	N	F,P	Y	
Gaura	Gaura lindheimeri	3	4	13	D	M	M	L	N	N	F,P	Y	
Gayfeather, Blazing Star	Liatris spicata	2	2	3	S	M	M	M	N	N	F,P	Y	
Gazania	Gazania rigida	1	1	1	E	M	L	M	N	N	F,P	Y	
Giant Lily Turf	Liriope gigantea	2	2	3	S	F	M	L	N	N	P,S	Y	
Globe Mallow	Sphaeralcea ambigua	3	3	7	S	F	L	H	N	N	F,P	Y	
Golden Dogbane, Golden Dyssodia	Thymophylla pentachaeta	1	2	3	E	F	VL	H	N	N	F	Y	
Goldeneye	Viguiera parishii	3	3	7	S	M	VL	H	N	N	F	Y	
Hooker's Evening Primrose	Oenothera elata	3	1	1	D	F	M	M	N	N	F,P	Y	
Hummingbird Flower	Epilobium canum	3	4	13	D	M	L	M	N	N	F,P	Y	M,RW,P,W
Lavender	Lavandula spp.	2	3	7	E	F	M	M	N	N	F	Y	
Lily of the Nile	Agapanthus africanus	3	3	7	E	M	M	L	N	N	P	Y	
Lily Turf	Liriope muscari	1	1	1	E	F	M	L	N	N	P,S	Y	
Lippia	Lippia repens	1	2	3	S	M	L	M	N	N	F,P	Y	
Mexican Blue Penstemon	Penstemon amphotellae	1	2	3	S	M	L	M	N	N	F,P	Y	
Mexican Hat	Ratibida columnifera	1	2	3	D	F	L	H	N	N	F,P	Y	
Mexican Tarragon, Mexican Marigold	Tagetes lucida	3	3	7	S	M,F	M	M	N	N	F,P	Y	
Mojave Aster	Xylorhiza tortifolia	1	1	1	D	M	VL	H	N	N	F	Y	
Mountain Marigold	Tagetes lemmonii	4	4	13	S	F	M	M	N	N	F	Y	
Native Fleabane	Erigeron divergens	1	3	7	E	F	VL	H	N	N	F,P	Y	
Paper Flower	Psilostrophe cooperi	2	3	7	D	F	L	H	N	N	F,P	Y	
Parry's Penstemon	Penstemon parryi	2	3	7	E	F	L	H	N	N	F,P	Y	
Penstemon	Penstemon spp.	2	3	7	S	M,F	L	M	N	N	F	Y	
Pinto Beardtongue	Penstemon bicolor	2	2	3	E	F	VL	H	N	N	F	Y	
Powis Castle Wormwood	Artemisia x 'Powis Castle'	2	3	7	E	F	L	M	N	N	F,P	Y	
Prairie Sage	Artemisia ludoviciana	3	3	7	D	F	L	M	N	N	F,P	Y	
Prairie Zinnia	Zinnia grandiflora	1	1	1	D	F	L	H	N	N	F,P	Y	
Preuss' Milkvetch	Astragalus preussii	2	2	3	D	F	VL	H	N	N	F	Y	
Purple Coneflower	Echinacea purpurea	3	2	3	S	M	M	L	N	N	F,P	Y	



Landscape Standards

Height, Width, Coverage at mature growth TYPE: Deciduous, Evergreen, Semievergreen GROWTH RATE: Slow, Moderate, Fast WATER NEEDS: Very Low, Low, Medium, High DROUGHT TOLERANCE: Low, Medium, High EXPOSURE: Full Sun, Partial Shade, Shade		Height (Average)	Width (Average)	Coverage	Type	Growth Rate	Water Use	Drought Tolerance	Spines or Thorns	Physical Barrier	Exposure	Pollinator	Medians (M), Rights of Way (RW), Parks (P), Washes (W)
Common Name	Botanical Name	(Feet)	(Feet)	(SQ. Feet)	D, E, S	S, M, F	VL, L, M, H	L, M, H	Yes / No	Yes / No	Yes / No	Yes / No	M, RW, P, W
Rocky Mountain Penstemon	Penstemon strictus	2	2	3	E	F	L	M	N	N	F,P	Y	
Rosy Two-Tone Beardtongue	Penstemon bicolor spp. Roseus	2	2	3	S	F	L	H	N	N	F,P	Y	
Russian Sage	Perovskia atriplicifolia	3	2	3	D	M	L	H	N	N	F,P	Y	
Santa Barbara Daisy, Mexican Daisy	Erigeron karvinskianus	1	3	7	E	F	L	H	N	N	F,P	Y	
Scarlet Buglar, Scarlet Beardtongue	Penstemon barbatus	4	2	3	E	M	L	M	N	N	F,P	Y	
Scarlet Gaura	Gaura coccinea	1	2	3	D	F	L	H	N	N	F,P	Y	
Scented Penstemon	Penstemon palmeri	4	2	3	E	F	VL	H	N	N	F	Y	
Silver King Artemisia	Artemisia ludociviana 'Silver King'	3	3	7	D	F	VL	M	N	N	F,P	Y	
Silverleaf Sunray	Enceliopsis argophylla	1	1	1	S	F	VL	H	N	N	F	Y	
Skyrocket	Ipomopsis arizonica	2	1	1	E	F	L	H	N	N	F,P	Y	
Society Garlic	Tulbaghia violacea	1	1	1	S	M	M	M	N	N	F,P	Y	
Sunray	Coreopsis lanceolata	1	1	1	S	F	M	L	N	N	F	Y	
Superb Penstemon, Coral Beardtongue	Penstemon superbus	4	3	7	E	F	M	M	N	N	F,P	Y	
Sweet Alyssum	Lobularia maritima	1	1	1	S	M	M	L	N	N	F,P	Y	
Texas Tuberose, Spice Lily	Manfreda maculosa	1	1	1	D	S,M	M	M	N	N	P,S	Y	
Wild Petunia, Ruellia	Ruellia brittoniana	2	3	7	E	F	L	H	N	N	F,P	Y	
Wooly Paper Flower	Psilostrophe tagetina	2	3	7	D	F	L	H	N	N	F,P	Y	
Yerba Mansa	Anemopsis californica	1	1	1	D	M	M	L	N	N	P,S	Y	