





RESIDENTIAL

tree palette

R-1

	Image	Botanical Name	Common Name	Size	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Evergreen / Deciduous	Litter	Tolerates Turf	Comments
1		<i>Acacia salicina</i>	Willow Acacia	M	30	20	F	L	Evergreen	L,F,S	No	Thornless, low maintenance tree with upright growth and weeping branching habit. Long narrow blue-green leaves. Yellow puffball-type flowers winter through spring. Good tree for small spaces, works well in groupings.
2		<i>Arbutus unedo</i>	Strawberry Tree	S	15	10	S-M	L-M	Evergreen	S	No	Single or multiple trunk tree with attractive bark. Flowers develop into small edible fruit. Best with irrigation and fertilization. Trees may develop sunscald when planted in western exposures and in reflected heat.
3		<i>Brachychiton populneus</i>	Bottle Tree	M	30	30	M-F	L-M	Evergreen	L,S	Yes	Young trees are slender, spreading as they mature. Clusters of non-showy small white flowers spring through summer. Seed pods develop in fall. Best with annual fertilization and moderate irrigation during summer.
4		<i>Cercidium Hybrids</i>	Palo Verde	M	25	25	F	L-M	Deciduous	F	No	Thorned and thornless varieties available. Intense yellow flower bloom in spring. Recommend proper selection and annual pruning in order to train and develop strong branch structures. Tree tolerates smaller rooting areas.

Size: Small (S), Medium (M), Large (L)





Growth Rate: Slow (S), Moderate (M), Fast (F)

Litter: Leaves (L), Flowers (F), Seeds (S)



RESIDENTIAL tree palette

R-2

	Image	Botanical Name	Common Name	Size	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Evergreen / Deciduous	Litter	Tolerates Turf	Comments
5		<i>Chamaerops humilis</i>	Mediterranean Fan Palm	S	15	15	S	M	Evergreen	F,S	Yes	Small multiple trunk palm with fan shaped fronds covered with sharp spines along their petioles. Palms are low maintenance, great in groupings with other palm species, or in large pots.
6		<i>Chitalpa tashkentensis</i>	Chitalpa	S	20	20	M	L-M	Deciduous	L,F	Yes	Tolerates arid conditions. Flowers non-stop throughout the summer. Significant flower and leaf drop. Two cultivars are commercially available. Best with annual fertilization and increased irrigation during summer months.
7		<i>Ebenopsis ebano</i>	Texas Ebony	M	25	20	M	L	Semi	L,S	No	A relatively pest free, semi-evergreen, multiple trunk tree. Produces crowns with good density. Has thorns. Prune annually to develop strong structures. Yellow fragrant flowers mid to late summer followed by seed pods.
8		<i>Laurus nobilis</i>	Bay Laurel	S-M	25	25	M-F	M	Evergreen	L	Yes	Small to medium evergreen tree or large shrub, excellent tall hedge or barrier. Annual fertilizing preferred, moderate water requirements. East, south, or open exposures preferred to avoid leaf burn.

Size: Small (S), Medium (M), Large (L)





Growth Rate: Slow (S), Moderate (M), Fast (F)

Litter: Leaves (L), Flowers (F), Seeds (S)



RESIDENTIAL tree palette

R-3

	Image	Botanical Name	Common Name	Size	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Evergreen / Deciduous	Litter	Tolerates Turf	Comments
9		<i>Olea europaea</i> 'Fruitless'	European Olive 'Fruitless'	M	25	30	S	L-M	Evergreen	L	Yes	Clark County approved varieties: 'Swan Hill' and 'Wilsonii'. Tolerates poor soil, heat, cold, and drought. Best with moderate irrigation and fertilization. Select trees with vertical growth habit when adjacent to hardscapes.
10		<i>Pinus eldarica</i>	Mondell Pine	L	40	30	M-F	L-M	Evergreen	L,S	Yes	Does well in turfgrass and with drip irrigation. Tolerates poor soil, but performs best with increased irrigation and fertilization. Moisture stressed trees are susceptible to several pests, some of which can be fatal.
11		<i>Prosopis chilensis</i> 'Thornless'	Chilean Mesquite	M	30	30	F	M	Deciduous	L,S	No	Fast-growing tree with lush dark green growth provides quick shade. Tree is thornless and tolerant of extreme conditions. Needs proper annual pruning in January to develop strong branch structure after planting.
12		<i>Pyrus calleryana</i>	Ornamental Pear	M	30	20	M	M	Deciduous	L,F,S	Yes	Several cultivars available, including: 'Bradford', 'Chanticleer', 'Southworth Dancer', and 'Aristocrat'. Intense winter white blooms, striking fall color. Tolerates alkaline soils. Best with regular fertilization and irrigation.

Size: Small (S), Medium (M), Large (L)





Growth Rate: Slow (S), Moderate (M), Fast (F)

Litter: Leaves (L), Flowers (F), Seeds (S)



RESIDENTIAL tree palette

R-4

	Image	Botanical Name	Common Name	Size	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Evergreen / Deciduous	Litter	Tolerates Turf	Comments
13		<i>Rhus lancea</i>	African Sumac	M	20	25	M-F	L-M	Evergreen	L,S	Yes	Single or multiple trunk tree. Tolerant of heat and cold. Susceptible to root rot when grown in soil with poor drainage and/or excessive irrigation. Trees can be messy due to leaf, flower, and seed drop.
14		<i>Sophora secundiflora</i>	Texas Mountain Laurel	S	15	12	S-M	L-M	Evergreen	L,F,S	No	Evergreen tree as single or multiple trunk, easily developed through proper pruning. Fragrant purple pea-like flowers hang from the branches in the spring but short-lived. Remove toxic seed pods follow flowering.
15		<i>Ulmus parvifolia</i>	Lacebark Elm	L	40	40	M	M	Deciduous	L,S	Yes	Deciduous tree in southern Nevada. Tolerates wide range of soil conditions. Tree is relatively insect and disease-free, including resistance to Dutch elm disease and elm leaf beetles.
16		<i>Vitex agnus castus</i>	Chaste Tree	S	20	20	S	M	Deciduous	L,S	Yes	Small tree with multiple trunks. Fragrant lavender-blue lilac blooms in the spring. Sporadic blooming occurs through the summer often with another strong bloom in the fall. Requires well drained soils to prevent root rot.

Size: Small (S), Medium (M), Large (L)

Growth Rate: Slow (S), Moderate (M), Fast (F)

Litter: Leaves (L), Flowers (F), Seeds (S)



RESIDENTIAL

shrub and groundcover palette

R-5

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
1		<i>Abelia grandiflora</i>	Glossy Abelia	5	5	F	M	F,P	Medium-sized, rounded, semi-evergreen shrub with gracefully arching branches with small glossy dark green leaves. Produces clusters of pink-tinged white bell shaped flowers spring through fall.
2		<i>Buxus microphylla japonica 'Green Beauty'</i>	Green Beauty Japanese Boxwood	3-5	3-5	S-M	M	F,P	Evergreen shrub with upright, spreading growth habit. Leaves are small, medium to dark green, set closely on stems. Accepts shearing into shapes and forms. 'Green Beauty' retains better color during winter months and has greater resistance to boxwood blight.
3		<i>Caesalpinia pulcherrima</i>	Mexican Red Bird of Paradise	6	6	F	L	F	Fast growing shrub. In areas of no frost, will develop into a small tree. Frost sensitive and will dieback during winter months to only quickly recover with warm spring temperatures. Produces stunning orange-red flowers that attract butterflies. Seed pods are toxic.
4		<i>Callistemon citrinus 'Little John'</i>	Dwarf Bottlebrush Little John	3	5	S	M	F,P	Attractive red, bottlebrush-type flowers attract hummingbirds. The species is a slow growing evergreen with soft blue-green foliage.
5		<i>Cassia nemophila</i>	Desert Cassia	6	6	M-F	L-M	F,P	Medium green needle-like foliage with delicate texture which is visually appealing. Large clusters of showy, rounded yellow flowers in the spring with sporadic flowering during summer and fall. Very cold tolerant. May require rejuvenation pruning every 4-6 years.
6		<i>Convolvulus cneorum</i>	Bush Morning Glory	2	4	M	L-M	F	Small mounding shrub with silvery-green leaves. Tolerates heat, sun, and drought conditions. Produces white flowers late spring and sporadically blooms throughout summer. Naturally maintains symmetrical form. May require cutting back every 3-4 years.





Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)

RESIDENTIAL shrub and groundcover palette

R-6

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
7		<i>Elaeagnus x ebbingei</i>	Ebbing's Silverberry	8	8	M	L-M	F,P	Large dense shrub with 2-3 inch leaves that are an olive green with a downy silver cast contrasted by silver underside. Resistant to most diseases and insects. Does well in poor soils as long as well drained. Does best with late afternoon shade.
8		<i>Eremophila maculata</i>	Valentine Emu Bush	4	5	M	L-M	F	Australian native medium size evergreen shrub that provides color to the landscape during winter months. Lush green foliage with red tubular flowers. Heat, cold, and drought tolerant once established.
9		<i>Euonymus japonica</i>	Evergreen Euonymus	8	6	S-M	M	P	Large shrub with 2-3 inch long medium to dark green leaves. Inconspicuous white flowers in the spring. Good accent hedge, screen, or pruned into a small tree. Best in amended soils with good drainage. Subject to powdery mildew in high shade and high moisture conditions.
10		<i>Euonymus japonica</i> 'Microphylla'	Box Leaf Euonymus	2-3	2-3	S	M	F,P	Evergreen shrub tolerates full sun, but prefers partial shade. Compact growth with foliage consisting of small dark green glossy oval leaves that lend well to shearing of plants into different shapes including formal hedges. Tolerant of heat, cold, and poor soils.
11		<i>Euonymus japonicus</i> 'Aureo-Variegata'	Gold Spot Euonymus	5	4	M	M	F,P	Evergreen with attractive, yellowed blotched foliage. Best in partial shade, but will tolerate full sun when provided adequate irrigation and some protection from summer afternoon exposures and reflected heat. Excess shade and moisture may promote powdery mildew.
12		<i>Euphorbia rigida</i>	Gopher Plant	1-2	2-3	M	L-M	F	Drought tolerant evergreen succulent-like herb with radiating grey-blue linear leaves and yellow-green flowers produced late winter through spring. Remove spent flowers to prevent seed drop. Severely prune back early fall to rejuvenate. All plant parts are poisonous.



Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)

RESIDENTIAL

shrub and groundcover palette

R-7

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
13		<i>Ficus pumila</i>	Creeping Fig	10	5	S-M	M	P,S	Evergreen, self-attaching vine. Often used to soften large vertical surfaces. May also be used as a groundcover. Best in amended soils with good drainage and irrigation. Slow to establish, however, once established growth rate increases. Partial or filtered shade best.
14		<i>Ilex vomitoria</i>	Yaupon Holly 'Dwarf'	15	8	S	M	F,P	Evergreen shrub or a small tree. Thrives under poor soil conditions, heat, drought, and cold. Shears well into different forms, due to small leaves and high density of foliage. Female plants develop berries. Dwarf varieties available.
15		<i>Juniperus chinensis</i> 'Blue Point'	Blue Point Juniper	12	6	M	M	F	Broad upright pyramidal form with dense blue-green foliage. Low maintenance requiring little to no pruning. Use as a specimen, accent, formal landscapes and tall screens.
16		<i>Juniperus chinensis</i> 'Sea Green'	Sea Green Juniper	5	6	M	M	F,P	Has an attractive fountain-like growth habit with soft foliage. The plant is a true evergreen becoming deeper green with colder temperatures of winter. Growth rate is moderate and tolerates full sun and drought.
17		<i>Juniperus conferta</i>	Shore Juniper	1	8	S-M	M	F,P	Dense low spreading Juniper native to Japan with attractive blue-green half-inch-long needles that are soft to the touch. Will tolerate full sun, but prefers partial or filtered shade, east exposures, or protection from the hot afternoon sun.
18		<i>Juniperus horizontalis</i> 'Wiltonii'	Blue Rug Juniper	1	5	S-M	M	F,S	Low growing evergreen conifer makes an excellent large area groundcover with its attractive silver-blue foliage hugging the contour of the ground. Plants also work well in rock gardens and cascading over walls and from raised planters.



Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)

RESIDENTIAL

shrub and groundcover palette

R-8

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
19		<i>Juniperus procumbens</i> 'Nana'	Japanese Garden Juniper	2	8	S	M	P	Low growing Juniper that works well as a groundcover, cascading over walls, on rocky slopes, in Japanese gardens and rock gardens. New foliage is bright green turning an attractive blue-green as it matures. Foliage is dense and semi-mounding.
20		<i>Juniperus sabina</i> 'Buffalo'	Buffalo Juniper	1-2	5-8	S-M	M	F,P	A very durable, low growing, wide spreading conifer with soft feathery green foliage. Provides excellent coverage and erosion control for slopes.
21		<i>Juniperus sabina tamariscifolia</i>	Tam Juniper	3	10	M	M	F,P	Densely branched low mounding evergreen conifer. Branches covered with dark green-blue colored foliage. Will tolerate full sun, but prefers partial shade, east exposures, or protection from the hot afternoon sun. Excellent groundcover, foundation plant, or sheared.
22		<i>Juniperus scopulorum</i> 'Gray Gleam'	Gray Gleam Juniper	12	6	S-M	M	F	Upright conifer with a columnar to pyramidal form with attractive gray-green foliage. Low maintenance. Use as a specimen, accent, formal landscapes, and screen. Requires well drained soils.
23		<i>Lantana hybrid</i> 'New Gold'	Lantana Hybrid 'New Gold'	2	6	F	M	F	A low, fast growing groundcover that provides brilliant colors from late spring through fall. Plant will dieback during freezing temperatures and recover as temperatures warm in the spring.
24		<i>Lavendula stoechas</i>	Spanish Lavender	2-3	2-3	M	L-M	F	Perennial, evergreen shrub. Attracts butterflies and repels rabbits. Distinguished by its unique pineapple-shaped flowers that bloom heavily throughout spring. Cut back following flowering to maintain shape.



Growth: Slow (S), Moderate (M), Fast (F)







Water Use: Low (L), Moderate (M), High (H)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)

RESIDENTIAL

shrub and groundcover palette

R-9

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
25		<i>Leucophyllum candidum</i> 'Silver Cloud'	Silver Cloud Texas Ranger	5	5	M	M	F,P	Silvery foliage contrasts with its purplish-blue flowers as well as with other green plants in the landscape. Flowering is profuse in the spring and in the fall. Can be easily pruned into different shapes and into hedges. Plant requires soil with good drainage to prevent root rot.
26		<i>Leucophyllum candidum</i> 'Thunder Cloud'	Thunder Cloud Texas Ranger	3	4	S	L	F	One of the smallest of the Texas Rangers available. This evergreen shrub is compact with silvery-gray foliage and produces masses of purple flowers several times during the growing season. Plant in full sun and in soils with excellent drainage.
27		<i>Leucophyllum frutescens</i>	Texas Ranger (Texas Sage)	6	6	S	L	F	Also known as Texas Sage; however, not a true sage. Drought-tolerant, semi-evergreen shrub with gray-green foliage. Produces large masses of trumpet-shaped purple to lavender-blue flowers in the spring and fall.
28		<i>Leucophyllum frutescens</i> 'White Cloud'	White Cloud Texas Ranger	6	6	S	L	F	A semi-evergreen, moderate to fast growing, cold and drought tolerant, heat loving shrub. Produces an abundance of white flowers in the spring and fall. Requires light shearing annually to maintain density. May require rejuvenation pruning every 4-6 years.
29		<i>Leucophyllum frutescens</i> 'Green Cloud'	Green Cloud Texas Ranger	6	6	M	L	F	A semi-evergreen shrub, moderate to fast growing, cold and drought tolerant, heat loving shrub. Produces rose-pink flowers in the spring and fall. Requires light shearing annually to maintain density. May require rejuvenation pruning every 4-6 years.
30		<i>Leucophyllum langmaniae</i> 'Lynn's Legacy'	Lynn's Legacy Texas Ranger	5	5	S-M	L	F	Evergreen that produces masses of lavender-colored flowers in summer and fall. Flower bloom is more consistent than other Texas Rangers. Requires light shearing annually to maintain density. May require rejuvenation pruning every 4-6 years.



Growth: Slow (S), Moderate (M), Fast (F)





Water Use: Low (L), Moderate (M), High (H)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)

RESIDENTIAL

shrub and groundcover palette

R-10

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
31		<i>Leucophyllum langmaniae</i> 'Rio Bravo'	Rio Bravo Texas Ranger	5	5	S-M	L	F	Smaller than 'Green Cloud Texas Ranger'. Plants maintain a natural rounded form. Develops large blue flowers summer and fall. Tolerates most soil conditions and is heat and drought tolerant.
32		<i>Leucophyllum pruinum</i> 'Sierra Bouquet'	Sierra Bouquet Texas Ranger	6	6	S	L	F	Moderately large shrub with an open and sprawling form. Foliage is silvery-gray with plants producing intense displays of blue-violet flowers 2-3 times from spring through fall. Flowers have a grape bubble gum scent.
33		<i>Ligustrum lucidum</i>	Glossy Privet	12	12	S-M	M	F,P	Typically used as a dense hedge or pruned into the shape of a small tree. Leaves are 2-4 inches long medium to dark green in color. Produces fragrant clusters of creamy white flower late summer to fall. Attracts butterflies.
34		<i>Macfadyena unguis-cati</i>	Cat's Claw Vine	60	20	F	M	F,P	Fast-growing, deciduous vine that gets its name from 3-pronged, claw-like tendrils that emerge from stems allowing the plant to attach to nearly any surface. Produces an impressive display of yellow flowers in late spring. Tolerant of full sun, heat, cold, and most soils.
35		<i>Myrtus communis</i> 'Compacta'	Dwarf Myrtle	4	4	S-M	M	F,P	Dense small medium to dark green leaves. Ideal for low edgings, foundation plantings, and small to medium formal hedges. Tolerant of most soil conditions. Very cold and heat tolerant.
36		<i>Nandina domestica</i>	Heavenly Bamboo	6	4	S	L-M	P,S	Broadleaf, evergreen shrub with attractive foliage and bright red berries that persist throughout winter. Best in partial shade. Leaves and berries are toxic to livestock, domestic animals, and wildlife.



Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)

RESIDENTIAL

shrub and groundcover palette

R-11

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
37		<i>Pittosporum tobira</i> 'Wheeler's Dwarf'	Wheeler's Dwarf Mock Orange	2	4	S-M	M	P,S	Rounded, evergreen shrub with dense, glossy foliage. Performs best in partial shade, but will tolerate full sun with adequate irrigation and protection from hot sun and reflected heat. Displays small clusters of fragrant white flowers in spring. Dislikes overly wet, poor draining soils.
38		<i>Punica granatum</i> 'Nana'	Dwarf Pomegranate	3	3	M	M	F,P	Small deciduous shrub with glossy bright green foliage with new leaves accented in red. Bright orange-red flowers develop from June through September followed by small 2-3 inch orange-red edible fruit. Fruit is attractive and can remain on plants for several months.
39		<i>Pyracantha coccinea</i> 'Lowboy'	Lowboy Pyracantha	2-3	6-8	F	M	F,P	A low, spreading evergreen shrub with glossy dark green leaves. Produces creamy white flowers late spring to early summer, followed by bright orange berries fall through winter. Attracts birds and butterflies and is heat and cold tolerant. Has thorns. Other varieties and sizes available.
40		<i>Raphiolepis indica</i> 'Pinkie'	Pinkie Indian Hawthorn	2-3	3-4	S-M	M	F,P	Evergreen shrub with dark green glossy leaves, set on a dense compact branching habit. Produces dense clusters of pink flowers in the spring. Will tolerate full sun, but prefers partial shade, east exposures, or protection from hot afternoon sun. Other varieties and sizes available.
41		<i>Rosa banksiae</i> 'Lutea'	Lady Banks Rose	15	10	F	M	F,P	A thornless climbing rose with rich green foliage on slender branches. Blooms once in the spring producing masses of yellow or white double flowered miniature roses. Bloom can be quite spectacular. Drought tolerant when established and disease resistant.
42		<i>Rosmarinus officinalis</i> 'Prostratus'	Trailing Rosemary (Creeping Rosemary)	1-2	6-8	F	L-M	F	Herbaceous, low growing evergreen that tolerates poor soils, heat, drought, cold and full sun. Foliage is needle-like, dark green, and aromatic. Plants produce masses of light blue to purple flowers late winter into spring. 'Huntington Carpet' variety grows to 1' height.

Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)




Exposure: Full Sun (F), Partial Shade (P), Shade (S)



RESIDENTIAL

shrub and groundcover palette

R-12

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
43		<i>Salvia clevelandii</i>	Chaparral Sage	5	6	M	L	F,P	Shrub with gray-green, aromatic foliage. Produces masses of flower spikes with blue-violet flowers in the spring. The flowers and fragrance of the foliage attracts butterflies and bees. Fairly drought tolerant once established. Soil should provide good vertical drainage.
44		<i>Senna artemisioides</i>	Feathery Cassia	6	6	M	L	F,P	Plant produces lacy, needle-like foliage that is attractive as it moves in the wind. Huge floral display of dense yellow flowers are produced late winter into the spring. Requires light shearing annually to maintain density. May require rejuvenation pruning every 4-6 years.
45		<i>Senna phyllodinea</i>	Silver Leaf Cassia	6	6	M	L-M	F,P	Evergreen shrub with moderate growth rate. Leaves are 1-2 inches long, silver-gray, and curved. Produces yellow buttercup-shaped flowers late winter into the spring that eventually turn into flat compressed seed pods. Requires light annual shearing to maintain density.
46		<i>Tecoma stans angustata</i>	Yellow Bells (Arizona Yellow Bells)	10	6	M	M	F	Evergreen shrub. Damaged by frost below 25 degrees. Produces lush green foliage with clusters of yellow flowers throughout the summer. Prune back frost damage in the spring to regenerate new growth. Other varieties available in range of colors with heights ranging from 3 to 6 feet.
47		<i>Tecoma x 'Orange Jubilee'</i>	Orange Jubilee	8	8	F	L-M	F,P	Large, evergreen shrub with lush, dark green leaves. Often damaged each winter by frost, but recovers in spring with new growth. Bright orange flower clusters continually develop spring through fall. Attracts butterflies, hummingbirds, and a variety of pollinators.
48		<i>Tecomaria capensis</i>	Cape Honeysuckle	8	5	M-F	M	F,P	A South African evergreen woody vine or sprawling shrub. Self-clinging branches can be pruned and shaped to form an accent shrub or hedge. Showy, small, red-orange, trumpet-shaped flowers appear in clusters mid to late summer. Attracts hummingbirds and butterflies.



Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)

RESIDENTIAL

shrub and groundcover palette

R-13

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
49		<i>Teucrium chamaedrys</i>	Germander	2	3	S-M	M	F,P	Low growing evergreen subshrub. Develops blue, purple, white, or pink flowers, spring through early summer. Pinch or shear leggy growth following flowering to maintain plant density. Plants tolerate heat with additional watering. Tolerant of rabbits. Prostrate variety grows to 1' tall.
50		<i>Trachelospermum asiaticum</i>	Asiatic Jasmine	1	5	S	M	P,S	Vine-like, evergreen, woody groundcover is low maintenance and drought tolerant. Best in well drained amended soils and in partial or filtered shade. Will tolerate eastern exposure with good irrigation. Produces small star-shaped white to yellow fragrant flowers.
51		<i>Trachelospermum jasminoides</i>	Star Jasmine	1	8	S-M	M-H	F,P	Best in partial shade, but will tolerate east, southern, or open exposures when provided with adequate irrigation and fertilization. Plant has vine to subshrub growth habit, dark green glossy leaves and very fragrant white star shaped flowers spring and summer.
52		<i>Vauquelinia californica</i>	Arizona Rosewood	15	10	M	L-M	F,P	Good screen or informal hedge. Great substitute for Oleander, non-toxic, less liter and better cold tolerance. Very drought tolerant. Produces dense clusters of white flowers in the spring.
53		<i>Vauquelinia corymbosa</i>	Narrow Leaf Rosewood	15	15	M	L-M	F,P	Large shrub or small tree with evergreen foliage. Leaves are more slender and sharply toothed than the species. Develops clusters of fragrant white flowers in the spring. Good substitute for Oleander.
54		<i>Xylosma congestum</i>	Shiny Xylosma	10	10	M	M	F,P	Large growing evergreen shrub with shiny 2-3 inch long leaves. Can be used as a formal/informal hedge, screen, or trained to a small tree. 4'-5' height dwarf variety available.



Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)

RESIDENTIAL ornamental palette

R-14

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Drought Tolerant	Spines or Thorns	Exposure	Comments
1		<i>Alcea rosea</i>	Hollyhock	6-8	1-2	M	M	L	N	F	3"-4" diameter, showy flowers open sporadically on light green vertical stalks in mid-summer to early fall. Many varieties and flower colors available.
2		<i>Agave colorata</i>	Mescal Ceniza	3	3	S	L	H	Y	F	Slow-growing succulent with rough-textured, gray-blue leaves set in a rosette. Leaves have spines along margins and a heavy terminal spine. Plants die following flowering and are generally replaced by side shoots.
3		<i>Agave parryi</i> var. <i>huachucensis</i>	Parry's Agave (Mescal Agave)	2	3	S	L	H	Y	F,P	Slow-growing succulent with silvery-gray leaves set in a rosette. Leaves contain small spines along the margin with a prominent spine on the tip of each leaf. Yellow flower clusters branch off of 15 foot tall spikes.
4		<i>Dasyllirion acrotriche</i>	Green Desert Spoon	5	6	M	L	H	Y	F	Evergreen grass-type plant with green leaves that are serrated along their margins. Produces flower stalks that rise above the foliage and contain small white flowers that attract birds and butterflies.
5		<i>Dasyllirion wheeleri</i>	Desert Spoon	5	6	M	L	H	Y	F	Herbaceous monocot with gray-green leaves that are serrated along their margins. Produces flower stalks that rise above the foliage and contain small white flowers that attract birds and butterflies.
6		<i>Dietes iridioides</i>	Fortnight Lily	3	3	M	M	M	N	P,S	Evergreen perennial with long narrow medium to dark green leaves. Produces reoccurring cycles of lily-like flowers spring through summer. Several flower colors available including white, yellow and cream.

Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)

Drought Tolerance: Low (L), Moderate (M), High (H)

Spines or Thorns: Yes (Y), No (N)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)




Boulder City, Nevada

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RESIDENTIAL ornamental palette

R-15

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Drought Tolerant	Spines or Thorns	Exposure	Comments
7		<i>Echinocactus grusonii</i>	Golden Barrel Cactus	2	3	M	L	H	Y	F	The green ribbed surface is covered with clusters of stiff bright yellow spines, which will provide accent to any landscape environment. Flowers are bright yellow appearing late spring and into the summer.
8		<i>Ferocactus acanthodes</i>	Compass Barrel Cactus	6	2	S	L	H	Y	F	Native environment includes arid gravelly soils, rocky foothills, and canyon walls. Produces yellow flowers tinged red, May through June.
9		<i>Ferocactus wislizenii</i>	Fishhook Barrel Cactus	6	2	S-M	L	H	Y	F	Barrel shaped cactus with notched ribs that contain clusters of hard tip curved spines. Flowers are orange-red and short-lived.
10		<i>Festuca glauca</i>	Blue Fescue	1	1	M-F	M	H	N	F,P	A perennial ornamental, fine-textured blue grass with a uniform clumping growth habit. Develops light yellow flowers, followed by tan seed stalks in summer. Performs best with summer irrigation.
11		<i>Fouquieria splendens</i>	Ocotillo	15	8	S	L	H	Y	F	Large shrub with cane-like, spiny stems that are tightly grouped in a funnel form. Dense clusters of red flowers develop early to mid-spring. Stems develop small green leaves following periods of rain or high humidity.
12		<i>Hesperaloe parviflora</i>	Red Yucca	4	4	M	L	H	N	F,P	Evergreen grass-type plant with long narrow leaves that are leathery and tough. Produces salmon to pinkish-red flowers on 6 foot high arching stalks early summer through fall. Cultivars in other colors and sizes available.

Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)

Drought Tolerance: Low (L), Moderate (M), High (H)

Spines or Thorns: Yes (Y), No (N)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)



RESIDENTIAL ornamental palette

R-16

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Drought Tolerant	Spines or Thorns	Exposure	Comments
13		<i>Hesperaloe parviflora</i> 'Brakelights'	Brakelights Red Yucca	2	2	M	L-M	H	N	F,P	Compact version of <i>Hesperaloe parviflora</i> that develops few seeds while producing more intense red flowers spring through summer. Use to provide contrast in form, color, and texture, especially when planted in mass.
14		<i>Liriope muscari</i>	Lily Turf	1	1	S-M	M	M	N	P,S	Small perennial clumping grass-like plant with dark green leaves. Best in improved soils and partial or filtered sun. Increase irrigation during summer months. Purple-blue or white flowers develop on short spikes summer and fall.
15		<i>Muhlenbergia capillaris</i> 'Regal Mist'	Regal Mist Muhly Grass	3	3	F	L-M	H	N	F,P	Clumping, drought-tolerant grass. Best known for its plumes of pink flowers that extend on stalks 1-2 feet above the foliage. Plumes develop late summer into the fall.
16		<i>Muhlenbergia rigens</i>	Deer Grass	4	4	M	M	H	N	F,P	A warm season perennial bunch grass that is heat and drought tolerant although it is more attractive with summer irrigation. Leaves are dark green with 4-5 foot high flower stalks developing above the foliage.
17		<i>Nolina nelsonii</i>	Blue Nolina	8	6	M	L	H	N	F	Evergreen, tree-like shrub that produces one or more stems with a dense rosette of slightly serrated, blue leaves. Flower stalks may be up to 4 feet long and contain thousands of small creamy white flowers.
18		<i>Opuntia engelmannii</i>	Englemann's Prickly Pear	6	10	M	L	H	Y	F	Spreading medium-green, herbaceous perennial that develops large oblong shaped pads with spines. Produces yellow flowers in the spring followed by red edible fruit. Performs best with periodic summer irrigation.

Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)

Drought Tolerance: Low (L), Moderate (M), High (H)

Spines or Thorns: Yes (Y), No (N)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)








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RESIDENTIAL ornamental palette

R-17

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Drought Tolerant	Spines or Thorns	Exposure	Comments
19		<i>Trichocereus pachanoi</i>	San Pedro Cactus	10	6	M-F	L	H	Y	F/P	Columnar in form, producing multiple vertical growing stems medium to dark green in color depending on exposure. Has small spines. Large white tubular flowers are fragrant, however short-lived. Cold-hardy.
20		<i>Tulbaghia violacea</i>	Society Garlic	1-2	2	S	M	H	N	F,P	Small evergreen bunch-type monocot with long narrow semi-weeping leaves forming a clump. Heat and drought tolerant once established. Fragrant lavender, pink, lilac flowers develop summer through fall.
21		<i>Yucca aloifolia</i>	Spanish Bayonet	15	8	S	L-M	M	Y	F,P	May be single or multi-stem. Long leaves are tightly set around each stem forming a rosette. Leaves are dark green and dagger-like with very sharp points. White flower clusters develop spring and summer.
22		<i>Yucca elata</i>	Soap Tree Yucca	15	8	S	L	H	Y	F	Evergreen palm-like shrub or small tree. Leaves are long, narrow, and sharp-tipped with plants developing a fairly stout trunk 6-12 inches in diameter. Showy bell-shaped white flowers develop spring and summer.
23		<i>Yucca rupicola</i>	Twisted Leaf Yucca	2	3	M	L	H	Y	F	Evergreen with medium-green leaves set in basal rosette. Clusters of creamy white flowers develop on 5' tall stalks in spring. Remove spent flowers. Prefers well-drained soil.



Growth: Slow (S), Moderate (M), Fast (F) Water Use: Low (L), Moderate (M), High (H) Drought Tolerance: Low (L), Moderate (M), High (H)
Spines or Thorns: Yes (Y), No (N) Exposure: Full Sun (F), Partial Shade (P), Shade (S)