

Plant Water Requirements
Ornamental Trees, Shrubs, Groundcovers, and Grasses
for
Las Vegas, NV
Utilizing WUCOLS IV water use coefficients and
Historical ETo
(index – p. 246)
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Emitters are not always, clearly marked with GPH flow. Use a 2" cap or ½ cup kitchen measure to test flow with the table at far right. Measure the flow of all emitters that provide flow to the plant.

Calculating Emitter Flow

**Time to fill 1/2 cup
(4 ounce measuring cup)**

Fill Time	Emitter Flow
8 min 9 sec	0.23
4 min 21 sec	0.40
3 min 45 sec	0.50
3 min 7 sec	0.60
2 min 5 sec	0.90
1 min 52 sec	1.00
56 sec	2.00
22 sec	5.00
11 sec	10.00



Botanical Name	<i>Acacia Aneura</i>
Common Name	Mulga
Type	Tree - Deciduous
Exposure	Full Sun
Width	15 ft
Height	15 ft
Region	High - Intermediate Desert - 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT*

Mulga

0.20

Acacia aneura

* WUCOLS deems this plant to be "inappropriate" for the region

Mulga

Acacia aneura

height 15' width 15'

light na

water reqt. low

foliage deciduous



	Las Vegas ET _o Avg Monthly	Las Vegas ET _o Avg. daily	Las Vegas Ornamental		Canopy Area	Diameter of Canopy (in feet)								
			Req't daily (inches)	Req't daily gal/ft ²		4	6	8	10	12	14	16	18	20
31 Mar	4.99	0.1610	0.0322	0.020		12.56	28	50.2	78.5	113	154	201	254	314
30 Apr	7.21	0.2403	0.0481	0.030										
31 May	9.18	0.2961	0.0592	0.037										
30 Jun	11.38	0.3793	0.0759	0.047										
31 Jul	11.62	0.3748	0.0750	0.047										
31 Aug	10.11	0.3261	0.0652	0.041										
30 Sep	8.16	0.2720	0.0544	0.034										
31 Oct	5.56	0.1794	0.0359	0.022										

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

North Las Vegas - 3521 N. Rancho Dr - Las Vegas, NV 89130

(702) 839-9530

Las Vegas - 72 Spectrum Blvd - Las Vegas, NV 89101

(702) 459-9530

West Las Vegas - 4705 S. Valley View Blvd - Las Vegas, NV 89103

(702) 895-7612

South Las Vegas - 6330 Annie Oakley Dr. - Las Vegas, NV 89120

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Botanical Name	<i>Acacia Gregii</i>
Common Name	Cat Claw Acacia
Type	Tree / Shrub - Deciduous
Exposure	Full Sun
Width	20 ft
Height	15 ft
Region	High and Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Cat Claw Acacia

Acacia gregii

0.20

Mature Size

Cat Claw Acacia

Acacia gregii

height 15' width 20'

light na

water reqt. low

foliage deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)								
4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA								
0.25	0.56	1.01	1.57	2.3	3.1	4	5	6
0.38	0.84	1.50	2.35	3.4	4.6	6	8	9
0.46	1.03	1.85	2.90	4.2	5.7	7	9	12
0.59	1.32	2.37	3.71	5.3	7.3	10	12	15
0.59	1.31	2.34	3.67	5.3	7.2	9	12	15
0.51	1.14	2.04	3.19	4.6	6.3	8	10	13
0.43	0.95	1.70	2.66	3.8	5.2	7	9	11
0.28	0.63	1.12	1.75	2.5	3.4	4	6	7

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Botanical Name	<i>Acacia Pendula</i>
Common Name	Weeping Acacia
Type	Tree - evergreen
Exposure	na
Width	up to 20 ft
Height	up to 25 ft
Region	High and Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

SNWA LOW WATER USE COEFFICIENT*

Weeping Acacia

0.20

Acacia pendula

*WUCOLS deems this plant "inappropriate" for the region

Weeping Acacia

Acacia pendula

Mature Size

height 25'

width 20'

light na

water reqt. low

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ETo	ETo	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)								
4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA								
0.25	0.56	1.01	1.57	2.3	3.1	4	5	6
0.38	0.84	1.50	2.35	3.4	4.6	6	8	9
0.46	1.03	1.85	2.90	4.2	5.7	7	9	12
0.59	1.32	2.37	3.71	5.3	7.3	10	12	15
0.59	1.31	2.34	3.67	5.3	7.2	9	12	15
0.51	1.14	2.04	3.19	4.6	6.3	8	10	13
0.43	0.95	1.70	2.66	3.8	5.2	7	9	11
0.28	0.63	1.12	1.75	2.5	3.4	4	6	7

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Botanical Name	<i>Acacia redolens</i> 'Desert Carpet'
Common Name	Desert Carpet Acacia
Type	Shrub/Groundcover - evergreen
Exposure	Full Sun
Width	up to 12 ft
Height	up to 2 ft
Region	High & Intermediate Desert - 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Desert Carpet Acacia

0.20

Acacia redolens 'Desert Carpet'

Desert Carpet Acacia

Acacia redolens 'Desert Carpet'

height 2' width 12'

light full sun

water reqt. low

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET ₀	ET ₀	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)								
4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA								
0.25	0.56	1.01	1.57	2.3	3.1	4	5	6
0.38	0.84	1.50	2.35	3.4	4.6	6	8	9
0.46	1.03	1.85	2.90	4.2	5.7	7	9	12
0.59	1.32	2.37	3.71	5.3	7.3	10	12	15
0.59	1.31	2.34	3.67	5.3	7.2	9	12	15
0.51	1.14	2.04	3.19	4.6	6.3	8	10	13
0.43	0.95	1.70	2.66	3.8	5.2	7	9	11
0.28	0.63	1.12	1.75	2.5	3.4	4	6	7

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Botanical Name	<i>Acacia stenophylla</i>
Common Name	Shoestring Acacia
Type	Tree
Exposure	na
Width	up to 20 ft
Height	up to 40 ft
Region	High & Intermediate Desert - 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV
SNWA - LOW WATER USE COEFFICIENT*

Shoestring Acacia **0.20**

Acacia stenophylla

*WUCOLS deems this plant "inappropriate" for the region

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Shoestring Acacia
Acacia stenophylla

height 40' width 20'
light na
water reqt. low
foliage evergreen



Diameter of Canopy (in feet)									
4	6	8	10	12	14	16	18	20	
12.56	28	50.2	78.5	113	154	201	254	314	
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA									
0.25	0.56	1.01	1.57	2.3	3.1	4	5	6	
0.38	0.84	1.50	2.35	3.4	4.6	6	8	9	
0.46	1.03	1.85	2.90	4.2	5.7	7	9	12	
0.59	1.32	2.37	3.71	5.3	7.3	10	12	15	
0.59	1.31	2.34	3.67	5.3	7.2	9	12	15	
0.51	1.14	2.04	3.19	4.6	6.3	8	10	13	
0.43	0.95	1.70	2.66	3.8	5.2	7	9	11	
0.28	0.63	1.12	1.75	2.5	3.4	4	6	7	

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11

Botanical Name	<i>Agave filifera</i>
Common Name	Thread Agave
Type	Shrub / Perennial
Exposure	Full Sun / Partial Sun
Width	up to 2 ft
Height	up to 2 ft
Region	High & Intermediate Desert - 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Thread Agave

0.20

agave filifera

Thread Agave

Agave filifera



height 2' width 2'

light full sun / partial sun

water reqt. low

foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	

31	Mar	4.99	0.1610	0.0322	0.020
30	Apr	7.21	0.2403	0.0481	0.030
31	May	9.18	0.2961	0.0592	0.037
30	Jun	11.38	0.3793	0.0759	0.047
31	Jul	11.62	0.3748	0.0750	0.047
31	Aug	10.11	0.3261	0.0652	0.041
30	Sep	8.16	0.2720	0.0544	0.034
31	Oct	5.56	0.1794	0.0359	0.022

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Agave murpheyi</i>
Common Name	Murphy Agave
Type	Shrub / Perennial
Exposure	Full Sun / Partial Sun
Width	up to 3 ft
Height	up to 3 ft
Region	High & Intermediate Desert - 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Murphy Agave

Agave murpheyi

0.20

Murphy Agave

Agave murpheyi



height 3' width 3'

light full sun

water reqt. low

foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	

31	Mar	4.99	0.1610	0.0322	0.020
30	Apr	7.21	0.2403	0.0481	0.030
31	May	9.18	0.2961	0.0592	0.037
30	Jun	11.38	0.3793	0.0759	0.047
31	Jul	11.62	0.3748	0.0750	0.047
31	Aug	10.11	0.3261	0.0652	0.041
30	Sep	8.16	0.2720	0.0544	0.034
31	Oct	5.56	0.1794	0.0359	0.022

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Agave ovatifolia</i>
Common Name	Whale's Tongue Agave
Type	Shrub / Perennial
Exposure	Full Sun / Partial Sun
Width	up to 4 ft
Height	up to 3 ft
Region	High & Intermediate Desert - 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

Whale's Tounge Agave **0.20**
Agave ovatifolia

Whale's Tounge Agave
Agave ovatifolia



height 3' width 4'
 light full sun / partial sun
 water reqt. low
 foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)						
1	2	3	4	5	6	
0.8	3.14	7.06	12.6	20	28	

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.02	0.06	0.14	0.25	0.39	0.57	
0.02	0.09	0.21	0.38	0.59	0.85	
0.03	0.12	0.26	0.46	0.72	1.04	
0.04	0.15	0.33	0.59	0.93	1.34	
0.04	0.15	0.33	0.59	0.92	1.32	
0.03	0.13	0.29	0.51	0.80	1.15	
0.03	0.11	0.24	0.43	0.67	0.96	
0.02	0.07	0.16	0.28	0.44	0.63	

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Botanical Name	<i>Agave salmiana</i>
Common Name	Giant Agave
Type	Shrub / Perennial
Exposure	Full Sun - Partial Sun
Width	up to 8 ft
Height	up to 6 ft
Region	High and Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Giant Agave

Agave salmiana

0.20

Giant Agave
Agave salmiana



height 6' width 8'
light full sun, partial sun
water reqt. low
foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
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31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)						
2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.06	0.14	0.25	0.39	0.56	0.77	1.01
0.09	0.21	0.38	0.59	0.84	1.15	1.50
0.12	0.26	0.46	0.72	1.03	1.42	1.85
0.15	0.33	0.59	0.93	1.32	1.82	2.37
0.15	0.33	0.59	0.92	1.31	1.80	2.35
0.13	0.29	0.51	0.80	1.14	1.56	2.04
0.11	0.24	0.43	0.66	0.95	1.30	1.70
0.07	0.16	0.28	0.44	0.63	0.86	1.12

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Latin Name	Agave vilomoriana
Common Name	Octopus agave
Type	Perennial Shrub
Exposure	Full Sun / Partial Sun
Width	up to 4 ft
Height	up to 4 ft
Region	High & Intermediate Desert - 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Octopus Agave

0.20

Agave vilomoriana

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

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Octopus Agave

Agave vilomoriana



height 4' width 4'
 light full sun / partial sun
 water reqt. low
 foliage evergreen

Diameter of Canopy (in feet)						
1	2	3	4	5	6	
0.8	3.14	7.06	12.6	20	28	

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.02	0.06	0.14	0.25	0.39	0.57	
0.02	0.09	0.21	0.38	0.59	0.85	
0.03	0.12	0.26	0.46	0.72	1.04	
0.04	0.15	0.33	0.59	0.93	1.34	
0.04	0.15	0.33	0.59	0.92	1.32	
0.03	0.13	0.29	0.51	0.80	1.15	
0.03	0.11	0.24	0.43	0.67	0.96	
0.02	0.07	0.16	0.28	0.44	0.63	





Latin Name	Albizzia julibrissin
Common Name	Silk Tree (Mimosa)
Type	Tree - Deciduous
Exposure	na
Width	up to 30 ft
Height	up to 25 ft
Region	High & Intermediate Desert - 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Silk Tree (Mimosa)

Albizia julibrissin

0.40

Silk Tree (Mimosa)

Albizia julibrissin

height 25'

width 30'

light na

water reqt.

moderate

foliage

deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas
	ET _o	ET _o	Ornamental	Ornamental
	Avg	Avg.	Req't	Req't
	Monthly	daily	daily	daily
			(inches)	gal/ft ²
31 Mar	4.99	0.1610	0.0644	0.040
30 Apr	7.21	0.2403	0.0961	0.060
31 May	9.18	0.2961	0.1185	0.074
30 Jun	11.38	0.3793	0.1517	0.095
31 Jul	11.62	0.3748	0.1499	0.093
31 Aug	10.11	0.3261	0.1305	0.081
30 Sep	8.16	0.2720	0.1088	0.068
31 Oct	5.56	0.1794	0.0717	0.045

		Diameter of Canopy (in feet)													
		4	6	8	10	12	14	16	18	20	22	24	26	28	30
Canopy Area		12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706
		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
0.50	1.12	2.01	3.15	4.5	6.2	8.1	10.2	12.6	15.2	18.1	21.3	24.7	28.3		
0.75	1.68	3.01	4.70	6.8	9.2	12.0	15.2	18.8	22.8	27.1	31.8	36.8	42.3		
0.93	2.07	3.70	5.79	8.3	11.4	14.8	18.7	23.2	28.0	33.4	39.2	45.4	52.1		
1.19	2.65	4.75	7.42	10.7	14.6	19.0	24.0	29.7	35.9	42.7	50.2	58.1	66.7		
1.17	2.62	4.69	7.33	10.6	14.4	18.8	23.7	29.3	35.5	42.2	49.6	57.4	65.9		
1.02	2.28	4.08	6.38	9.2	12.5	16.3	20.6	25.5	30.9	36.7	43.2	50.0	57.4		
0.85	1.90	3.40	5.32	7.7	10.4	13.6	17.2	21.3	25.8	30.6	36.0	41.7	47.9		

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Botanical Name	<i>Aloe vera</i>
Common Name	Barbados Aloe (Medicinal Aloe)
Type	Shrub / Succulent
Exposure	Full Sun / Partial Sun
Width	up to 2 ft
Height	up to 2 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV
 SNWA - LOW WATER USE COEFFICIENT*

Barbados Aloe (Medicinal Aloe) 0.20

Aloe vera

*WUCOLS deems this plant as "inappropriate" for the region

		Las Vegas	Las Vegas	Las Vegas	Las Vegas	
		ET _o	ET _o	Ornamental	Ornamental	Canopy Area
		Avg	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	
				(inches)	gal/ft ²	
31	Mar	4.99	0.1610	0.0322	0.020	
30	Apr	7.21	0.2403	0.0481	0.030	
31	May	9.18	0.2961	0.0592	0.037	
30	Jun	11.38	0.3793	0.0759	0.047	
31	Jul	11.62	0.3748	0.0750	0.047	
31	Aug	10.11	0.3261	0.0652	0.041	
30	Sep	8.16	0.2720	0.0544	0.034	
31	Oct	5.56	0.1794	0.0359	0.022	

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Barbados Aloe (Medicinal Aloe)

Aloe vera

height 2' width 2'
 light full sun / partial sun
 water reqt. low
 foliage evergreen



Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63





Botanical Name	<i>Alogyne huegeli</i>
Common Name	Blue Hibiscus
Type	Shrub
Exposure	Full Sun
Width	up to 6 ft
Height	up to 6 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT*

Blue Hibiscus

0.20

Alogyne huegeli

*WUCOLS has deemed this plant "inappropriate" for the region

Blue Hibiscus
Alogyne huegeli



height 6' width 6'
light full sun
water reqt. low
foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.06	0.14	0.25	0.39	0.56	0.77	1.01
0.09	0.21	0.38	0.59	0.84	1.15	1.50
0.12	0.26	0.46	0.72	1.03	1.42	1.85
0.15	0.33	0.59	0.93	1.32	1.82	2.37
0.15	0.33	0.59	0.92	1.31	1.80	2.35
0.13	0.29	0.51	0.80	1.14	1.56	2.04
0.11	0.24	0.43	0.66	0.95	1.30	1.70
0.07	0.16	0.28	0.44	0.63	0.86	1.12

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Botanical Name	<i>Arbutus x andrachnoides</i> 'Marina'
Common Name	Marina Strawberry Tree
Type	Tree
Exposure	na
Width	up to 10 ft
Height	up to 15 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

SNWA - MODERATE WATER USE COEFFICIENT*

Marina Strawberry Tree 0.40

Arbutus x andrachnoides 'Marina'

*WUCOLS has deemed this plant inappropriate for the region

		Las Vegas	Las Vegas	Las Vegas	Las Vegas	
		ET _o	ET _o	Ornamental	Ornamental	Canopy Area
		Avg	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	
				(inches)	gal/ft ²	
31	Mar	4.99	0.1610	0.0644	0.040	
30	Apr	7.21	0.2403	0.0961	0.060	
31	May	9.18	0.2961	0.1185	0.074	
30	Jun	11.38	0.3793	0.1517	0.095	
31	Jul	11.62	0.3748	0.1499	0.093	
31	Aug	10.11	0.3261	0.1305	0.081	
30	Sep	8.16	0.2720	0.1088	0.068	
31	Oct	5.56	0.1794	0.0717	0.045	

Marina Strawberry Tree

Arbutus x andrachnoides 'Marina'

height 15' width 10'

light na

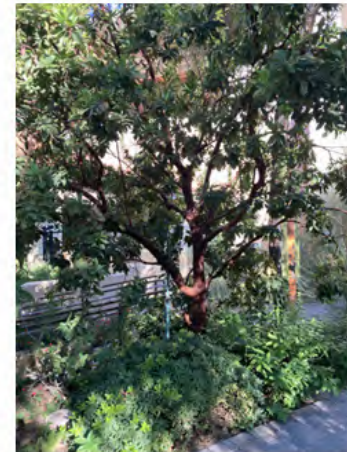
water reqt. moderate

foliage evergreen



Diameter of Canopy (in feet)									
4	6	8	10	12	14	16	18	20	
12.56	28	50.2	78.5	113	154	201	254	314	
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA									
0.50	1.12	2.01	3.15	4.5	6.2	8	10	13	
0.75	1.68	3.01	4.70	6.8	9.2	12	15	19	
0.93	2.07	3.70	5.79	8.3	11.4	15	19	23	
1.19	2.65	4.75	7.42	10.7	14.6	19	24	30	
1.17	2.62	4.69	7.33	10.6	14.4	19	24	29	
1.02	2.28	4.08	6.38	9.2	12.5	16	21	26	
0.85	1.90	3.40	5.32	7.7	10.4	14	17	21	
0.56	1.25	2.24	3.51	5.1	6.9	9	11	14	

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Botanical Name	<i>Asclepias subulata</i>
Common Name	Desert Milkweed
Type	Shrub / Evergreen
Exposure	Full Sun
Width	up to 6 ft
Height	up to 5 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Desert Milkweed

0.20

Asclepias subulata

Desert Milkweed
Asclepias subulata



height 5' width 6'
light full sun
water reqt. low
foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	

31	Mar	4.99	0.1610	0.0322	0.020
30	Apr	7.21	0.2403	0.0481	0.030
31	May	9.18	0.2961	0.0592	0.037
30	Jun	11.38	0.3793	0.0759	0.047
31	Jul	11.62	0.3748	0.0750	0.047
31	Aug	10.11	0.3261	0.0652	0.041
30	Sep	8.16	0.2720	0.0544	0.034
31	Oct	5.56	0.1794	0.0359	0.022

Diameter of Canopy (in feet)						
2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.06	0.14	0.25	0.39	0.56	0.77	1.01
0.09	0.21	0.38	0.59	0.84	1.15	1.50
0.12	0.26	0.46	0.72	1.03	1.42	1.85
0.15	0.33	0.59	0.93	1.32	1.82	2.37
0.15	0.33	0.59	0.92	1.31	1.80	2.35
0.13	0.29	0.51	0.80	1.14	1.56	2.04
0.11	0.24	0.43	0.66	0.95	1.30	1.70
0.07	0.16	0.28	0.44	0.63	0.86	1.12

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Botanical Name	<i>Baileya multiradiata</i>
Common Name	Desert Marigold
Type	Perennial
Exposure	Full Sun
Width	up to 2 ft
Height	up to 1 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

Desert Marigold

Baileya multiradiata

0.20

Desert Marigold
Baileya multiradiata

height 1' width 2'
light full sun
water reqt. low
foliage deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Brachychiton populneus</i>
Common Name	Bottle Tree
Type	Tree / Evergreen
Exposure	na
Width	up to 20 ft
Height	up to 30 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Bottle Tree

Brachychiton populneus

0.40

Mature Size

Bottle Tree

Brachychiton populneus

height 30'

width 20'

light na

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)									
4	6	8	10	12	14	16	18	20	
12.56	28	50.2	78.5	113	154	201	254	314	
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA									
0.50	1.12	2.01	3.15	4.5	6.2	8	10	13	
0.75	1.68	3.01	4.70	6.8	9.2	12	15	19	
0.93	2.07	3.70	5.79	8.3	11.4	15	19	23	
1.19	2.65	4.75	7.42	10.7	14.6	19	24	30	
1.17	2.62	4.69	7.33	10.6	14.4	19	24	29	
1.02	2.28	4.08	6.38	9.2	12.5	16	21	26	
0.85	1.90	3.40	5.32	7.7	10.4	14	17	21	
0.56	1.25	2.24	3.51	5.1	6.9	9	11	14	

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Botanical Name	<i>Buddleja davidii</i>
Common Name	Black Knight'
Type	Shrub / deciduous / semi dec.
Exposure	Full Sun - Partial Sun
Width	up to 6 ft
Height	up to 8 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Black Knight Butterfly Bush 0.40

Buddleja davidii 'Black Knight'

Black Knight Butterfly Bush
Buddleja davidii 'Black Knight'



height 8' width 6'
light full sun, partial sun
water reqt. moderate
foliage deciduous semi-deciduous

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)						
2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.13	0.28	0.50	0.79	1.12	1.54	2.02
0.19	0.42	0.75	1.17	1.68	2.30	3.01
0.23	0.52	0.93	1.45	2.07	2.84	3.71
0.30	0.67	1.19	1.85	2.65	3.64	4.75
0.29	0.66	1.17	1.83	2.62	3.59	4.69
0.26	0.57	1.02	1.59	2.28	3.13	4.08
0.21	0.48	0.85	1.33	1.90	2.61	3.41
0.14	0.32	0.56	0.88	1.25	1.72	2.25

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Botanical Name	<i>Buddleja utahensis</i>
Common Name	Utah Butterfly Bush
Type	Shrub
Exposure	Full Sun / Partial Sun
Width	up to 2 ft
Height	up to 2 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT*

Utah Butterfly Bush 0.20

Buddleja utahensis

*coefficient for this plant and region not provided by WUCOLS

		Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
		ET _o	ET _o	Ornamental	Ornamental	
		Avg.	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	
				(inches)	gal/ft ²	
31	Mar	4.99	0.1610	0.0322	0.020	
30	Apr	7.21	0.2403	0.0481	0.030	
31	May	9.18	0.2961	0.0592	0.037	
30	Jun	11.38	0.3793	0.0759	0.047	
31	Jul	11.62	0.3748	0.0750	0.047	
31	Aug	10.11	0.3261	0.0652	0.041	
30	Sep	8.16	0.2720	0.0544	0.034	
31	Oct	5.56	0.1794	0.0359	0.022	

Utah Butterfly Bush

Buddleja utahensis

height 2' width 2'

light full sun / partial sun

water reqt. low

foliage evergreen



Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Butita capitata</i>
Common Name	Pindo Palm
Type	Tree / Palm & Cycad
Exposure	na
Width	up to 15 ft
Height	up to 20 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

WUCOLS - MODERATE WATER USE COEFFICIENT*

Pindo Palm

Butita capitata

0.40

Pindo Palm

Butita capitata

height 20' width 15'

light na

water reqt. moderate

foliage evergreen



		Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
		ET ₀	ET ₀	Ornamental	Ornamental	
		Avg	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	
				(inches)	gal/ft ²	
31	Mar	4.99	0.1610	0.0644	0.040	
30	Apr	7.21	0.2403	0.0961	0.060	
31	May	9.18	0.2961	0.1185	0.074	
30	Jun	11.38	0.3793	0.1517	0.095	
31	Jul	11.62	0.3748	0.1499	0.093	
31	Aug	10.11	0.3261	0.1305	0.081	
30	Sep	8.16	0.2720	0.1088	0.068	
31	Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)									
4	6	8	10	12	14	16	18	20	
12.56	28	50.2	78.5	113	154	201	254	314	
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA									
0.50	1.12	2.01	3.15	4.5	6.2	8	10	13	
0.75	1.68	3.01	4.70	6.8	9.2	12	15	19	
0.93	2.07	3.70	5.79	8.3	11.4	15	19	23	
1.19	2.65	4.75	7.42	10.7	14.6	19	24	30	
1.17	2.62	4.69	7.33	10.6	14.4	19	24	29	
1.02	2.28	4.08	6.38	9.2	12.5	16	21	26	
0.85	1.90	3.40	5.32	7.7	10.4	14	17	21	
0.56	1.25	2.24	3.51	5.1	6.9	9	11	14	

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South Las Vegas - 6330 Annie Oakley Dr. - Las Vegas, NV 89120

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Botanical Name	<i>Caesalpinia mexicana</i>
Common Name	Mexican Bird of Paradise
Type	Shrub
Exposure	Full Sun - Partial Sun
Width	up to 6 ft
Height	up to 12 ft
Region	High & Intermediate Desert 5
41 Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV
 WUCOLS IV - LOW WATER USE COEFFICIENT

Mexican Bird of Paradise **0.20**
Caesalpinia mexicana

Mexican Bird of Paradise
Caesalpinia mexicana



height 12' width 6'
 light full sun, partial sun
 water reqt. low
 foliage evergreen, deciduous

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	Canopy Area
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)						
2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.06	0.14	0.25	0.39	0.56	0.77	1.01
0.09	0.21	0.38	0.59	0.84	1.15	1.50
0.12	0.26	0.46	0.72	1.03	1.42	1.85
0.15	0.33	0.59	0.93	1.32	1.82	2.37
0.15	0.33	0.59	0.92	1.31	1.80	2.35
0.13	0.29	0.51	0.80	1.14	1.56	2.04
0.11	0.24	0.43	0.66	0.95	1.30	1.70
0.07	0.16	0.28	0.44	0.63	0.86	1.12

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Botanical Name	<i>Calamagrostis acutiflora</i> - 'Karl Foerster'
Common Name	Korean Feather Reed Grass
Type	Ornamental Grass
Exposure	Full Sun / Partial Sun
Width	up to 3 ft
Height	up to 3 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Korean Feather Reed Grass 0.40

Calamagrostis acutiflora - 'Karl Foerste'

Korean Feather Reed Grass

Calamagrostis acutiflora - 'Karl Foerste'



height 3' width 3'
 light full sun / partial sun
 water reqt. moderate
 foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26

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Botanical Name	<i>Callistemon citrinus</i>
Common Name	Lemon Bottlebrush
Type	Tree / Shrub
Exposure	Full Sun
Width	up to 8 ft
Height	up to 8 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

SNWA - MODERATE WATER USE COEFFICIENT*

Lemon Bottlebrush

0.40

Callistemon citrinus

*WUCOLS deems this plant inappropriate for the region

Lemon Bottlebrush

Callistemon citrinus



height 8' width 8'
 light full sun
 water reqt. moderate
 foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)						
2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.13	0.28	0.50	0.79	1.12	1.54	2.02
0.19	0.42	0.75	1.17	1.68	2.30	3.01
0.23	0.52	0.93	1.45	2.07	2.84	3.71
0.30	0.67	1.19	1.85	2.65	3.64	4.75
0.29	0.66	1.17	1.83	2.62	3.59	4.69
0.26	0.57	1.02	1.59	2.28	3.13	4.08
0.21	0.48	0.85	1.33	1.90	2.61	3.41
0.14	0.32	0.56	0.88	1.25	1.72	2.25

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Botanical Name	<i>Callistemon 'Little John'</i>
Common Name	Little John Dwarf Bottlebrush
Type	Shrub
Exposure	Full Sun
Width	up to 3 ft
Height	up to 2 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Little John Dwarf Bottlebrush 0.40

Callistemon 'Little John'

Little John Dwarf Bottlebrush

Callistemon 'Little John'

height 2' width 3'

light full sun

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26

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Botanical Name	<i>Carnegiea gigantea</i>
Common Name	Saguaro Cactus (with Arms)
Type	Shrub / Cactus
Exposure	Full Sun / Partial Sun
Width	up to 6 ft
Height	up to 20 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT*

Saguaro Cactus (with arms) 0.20

Carnegieia gigantea

*WUCOLS deems this plant inappropriate for the region

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Saguaro Cactus (with arms)

Carnegieia gigantea

height 20' width 6'

light full sun / partial sun

water reqt. low

foliage evergreen



Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.02	0.06	0.14	0.25	0.39	0.57	
0.02	0.09	0.21	0.38	0.59	0.85	
0.03	0.12	0.26	0.46	0.72	1.04	
0.04	0.15	0.33	0.59	0.93	1.34	
0.04	0.15	0.33	0.59	0.92	1.32	
0.03	0.13	0.29	0.51	0.80	1.15	
0.03	0.11	0.24	0.43	0.67	0.96	
0.02	0.07	0.16	0.28	0.44	0.63	

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Botanical Name	<i>Celtis occidentales</i>
Common Name	Common Hackberry
Type	Tree - Deciduous
Exposure	na
Width	up to 30 ft
Height	up to 45 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Common Hackberry

0.40

Celtis occidentales

Common Hackberry

Celtis occidentales

height 45'

width 30'

light na

water reqt. moderate

foliage deciduous



	Las Vegas ET _o Avg Monthly	Las Vegas ET _o Avg. daily	Las Vegas		4 12.6	6 28	Diameter of Canopy (in feet)											
			Ornamental Req't daily (inches)	Ornamental Req't daily gal/ft ²			8	10	12	14	16	18	20	22	24	26	28	30
31 Mar	4.99	0.1610	0.0644	0.040	0.50	1.12	2.01	3.15	4.5	6.2	8.1	10.2	12.6	15.2	18.1	21.3	24.7	28.3
30 Apr	7.21	0.2403	0.0961	0.060	0.75	1.68	3.01	4.70	6.8	9.2	12.0	15.2	18.8	22.8	27.1	31.8	36.8	42.3
31 May	9.18	0.2961	0.1185	0.074	0.93	2.07	3.70	5.79	8.3	11.4	14.8	18.7	23.2	28.0	33.4	39.2	45.4	52.1
30 Jun	11.38	0.3793	0.1517	0.095	1.19	2.65	4.75	7.42	10.7	14.6	19.0	24.0	29.7	35.9	42.7	50.2	58.1	66.7
31 Jul	11.62	0.3748	0.1499	0.093	1.17	2.62	4.69	7.33	10.6	14.4	18.8	23.7	29.3	35.5	42.2	49.6	57.4	65.9
31 Aug	10.11	0.3261	0.1305	0.081	1.02	2.28	4.08	6.38	9.2	12.5	16.3	20.6	25.5	30.9	36.7	43.2	50.0	57.4
30 Sep	8.16	0.2720	0.1088	0.068	0.85	1.90	3.40	5.32	7.7	10.4	13.6	17.2	21.3	25.8	30.6	36.0	41.7	47.9
31 Oct	5.56	0.1794	0.0717	0.045														

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Botanical Name	<i>Chamaerops humilis</i>
Common Name	Mediterranean Fan Palm
Type	Shrub / Palm & Cycad
Exposure	na
Width	up to 15 ft
Height	up to 15 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Mediterranean Fan Palm 0.40

Chamaerops humilis

Mediterranean Fan Palm

Chamaerops humilis

height 15' width 15'

light na

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
Monthly	daily	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)								
4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA								
0.50	1.12	2.01	3.15	4.5	6.2	8	10	13
0.75	1.68	3.01	4.70	6.8	9.2	12	15	19
0.93	2.07	3.70	5.79	8.3	11.4	15	19	23
1.19	2.65	4.75	7.42	10.7	14.6	19	24	30
1.17	2.62	4.69	7.33	10.6	14.4	19	24	29
1.02	2.28	4.08	6.38	9.2	12.5	16	21	26
0.85	1.90	3.40	5.32	7.7	10.4	14	17	21
0.56	1.25	2.24	3.51	5.1	6.9	9	11	14

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Botanical Name	<i>Chilopsis linearis</i>
Common Name	Desert Willow
Type	Tree / Deciduous
Exposure	na
Width	up to 20 ft
Height	up to 25 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Desert Willow

Chilopsis linearis

0.40

Mature Size

Desert Willow

Chilopsis linearis

height 25' width 20'

light na

water reqt. moderate

foliage deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)									
4	6	8	10	12	14	16	18	20	
12.56	28	50.2	78.5	113	154	201	254	314	
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA									
0.50	1.12	2.01	3.15	4.5	6.2	8	10	13	
0.75	1.68	3.01	4.70	6.8	9.2	12	15	19	
0.93	2.07	3.70	5.79	8.3	11.4	15	19	23	
1.19	2.65	4.75	7.42	10.7	14.6	19	24	30	
1.17	2.62	4.69	7.33	10.6	14.4	19	24	29	
1.02	2.28	4.08	6.38	9.2	12.5	16	21	26	
0.85	1.90	3.40	5.32	7.7	10.4	14	17	21	
0.56	1.25	2.24	3.51	5.1	6.9	9	11	14	

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Botanical Name	<i>Convolvulus cneorum</i>
Common Name	Bush Morning Glory
Type	Shrub
Exposure	Full Sun
Width	up to 4 ft
Height	up to 2 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV
 WUCOLS IV - LOW WATER USE COEFFICIENT

Bush Morning Glory **0.20**
Convolvulus cneorum

Bush Morning Glory
Convolvulus cneorum



height 2' width 4'
 light full sun
 water reqt. low
 foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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59

Botanical Name	<i>Cordia boissieri</i>
Common Name	Texas Olive
Type	Tree / Semi Deciduous
Exposure	na
Width	up to 15 ft
Height	up to 20 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Texas Olive

Cordia boissieri

0.20

Texas Olive

Cordia boissieri

height 20' width 15'

light na

water reqt. low

foliage semi deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET ₀	ET ₀	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.25	0.56	1.01	1.57	2.3	3.1	4	5	6
0.38	0.84	1.50	2.35	3.4	4.6	6	8	9
0.46	1.03	1.85	2.90	4.2	5.7	7	9	12
0.59	1.32	2.37	3.71	5.3	7.3	10	12	15
0.59	1.31	2.34	3.67	5.3	7.2	9	12	15
0.51	1.14	2.04	3.19	4.6	6.3	8	10	13
0.43	0.95	1.70	2.66	3.8	5.2	7	9	11
0.28	0.63	1.12	1.75	2.5	3.4	4	6	7

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61

Botanical Name	<i>Cotoneaster parneyi</i>
Common Name	Red Clusterberry
Type	Shrub
Exposure	Full Sun - Partial Sun
Width	up to 6 ft
Height	up to 6 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Red Clusterberry

0.40

Cotoneaster parneyi

Red Clusterberry

Cotoneaster parneyi



height 6' width 6'
 light full sun, partial sun
 water reqt. moderate
 foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET ₀	ET ₀	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)						
2	3	4	5	6	7	8
3.14	7.06	12.56	19.6	28	38.46	50.24
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA						
0.13	0.28	0.50	0.79	1.12	1.54	2.02
0.19	0.42	0.75	1.17	1.68	2.30	3.01
0.23	0.52	0.93	1.45	2.07	2.84	3.71
0.30	0.67	1.19	1.85	2.65	3.64	4.75
0.29	0.66	1.17	1.83	2.62	3.59	4.69
0.26	0.57	1.02	1.59	2.28	3.13	4.08
0.21	0.48	0.85	1.33	1.90	2.61	3.41
0.14	0.32	0.56	0.88	1.25	1.72	2.25

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63

Botanical Name	<i>Cylindropuntia ramosissima</i>
Common Name	Diamond Cholla
Type	Shrub / Cactus
Exposure	Full Sun
Width	up to 5 ft
Height	up to 3 ft
Region	High & Intermediate Desert 5
Water Use Category	Very Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - VERY LOW WATER USE COEFFICIENT

Diamond Cholla

0.10

Cylindropuntia ramosissima

Diamond Cholla

Cylindropuntia ramosissima



height 3' width 5'

light full sun

water reqt. very low

foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0161	0.010	
30 Apr	7.21	0.2403	0.0240	0.015	
31 May	9.18	0.2961	0.0296	0.018	
30 Jun	11.38	0.3793	0.0379	0.024	
31 Jul	11.62	0.3748	0.0375	0.023	
31 Aug	10.11	0.3261	0.0326	0.020	
30 Sep	8.16	0.2720	0.0272	0.017	
31 Oct	5.56	0.1794	0.0179	0.011	

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.01	0.03	0.07	0.13	0.20	0.28
0.01	0.05	0.11	0.19	0.29	0.42
0.01	0.06	0.13	0.23	0.36	0.52
0.02	0.07	0.17	0.30	0.46	0.67
0.02	0.07	0.16	0.29	0.46	0.66
0.02	0.06	0.14	0.26	0.40	0.57
0.01	0.05	0.12	0.21	0.33	0.48
0.01	0.04	0.08	0.14	0.22	0.32

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65

Botanical Name	<i>Dasyilirion acrotriche</i>
Common Name	Green Desert Spoon
Type	Shrub
Exposure	Full Sun
Width	up to 6 ft
Height	up to 5 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

Green Desert Spoon **0.20**
Dasyliirion acrotriche

Green Desert Spoon
Dasyliirion acrotriche



height 5' **width** 6'
light full sun
water reqt. low
foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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67

Botanical Name	<i>Dodonaea viscosa</i>
Common Name	Hopseed Bush
Type	Shrub
Exposure	Full Sun
Width	up to 6 ft
Height	up to 10 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Hopseed Bush

0.40

Dodonaea viscosa

Hopseed Bush

Dodonaea viscosa

height 10' width 6'

light full sun

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	Canopy Area
			(inches)	gal/ft ²	

Shrub/Cac

31	Mar	4.99	0.1610	0.0644	0.040
30	Apr	7.21	0.2403	0.0961	0.060
31	May	9.18	0.2961	0.1185	0.074
30	Jun	11.38	0.3793	0.1517	0.095
31	Jul	11.62	0.3748	0.1499	0.093
31	Aug	10.11	0.3261	0.1305	0.081
30	Sep	8.16	0.2720	0.1088	0.068
31	Oct	5.56	0.1794	0.0717	0.045

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26

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South Las Vegas - 6330 Annie Oakley Dr. - Las Vegas, NV 89120 (702) 547-9530

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Botanical Name	<i>Ebenopsis ebano</i>
Common Name	Texas Ebony
Type	Tree / Semi Deciduous
Exposure	na
Width	up to 20 ft
Height	up to 25 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV
 SNWA - LOW WATER USE COEFFICIENT*

Texas Ebony

0.20

Ebenopsis ebano

*WUCOLS does not provide a water use coefficient for this plant

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Texas Ebony

Ebenopsis ebano

height 25' width 20'

light na

water reqt. low

foliage semi deciduous

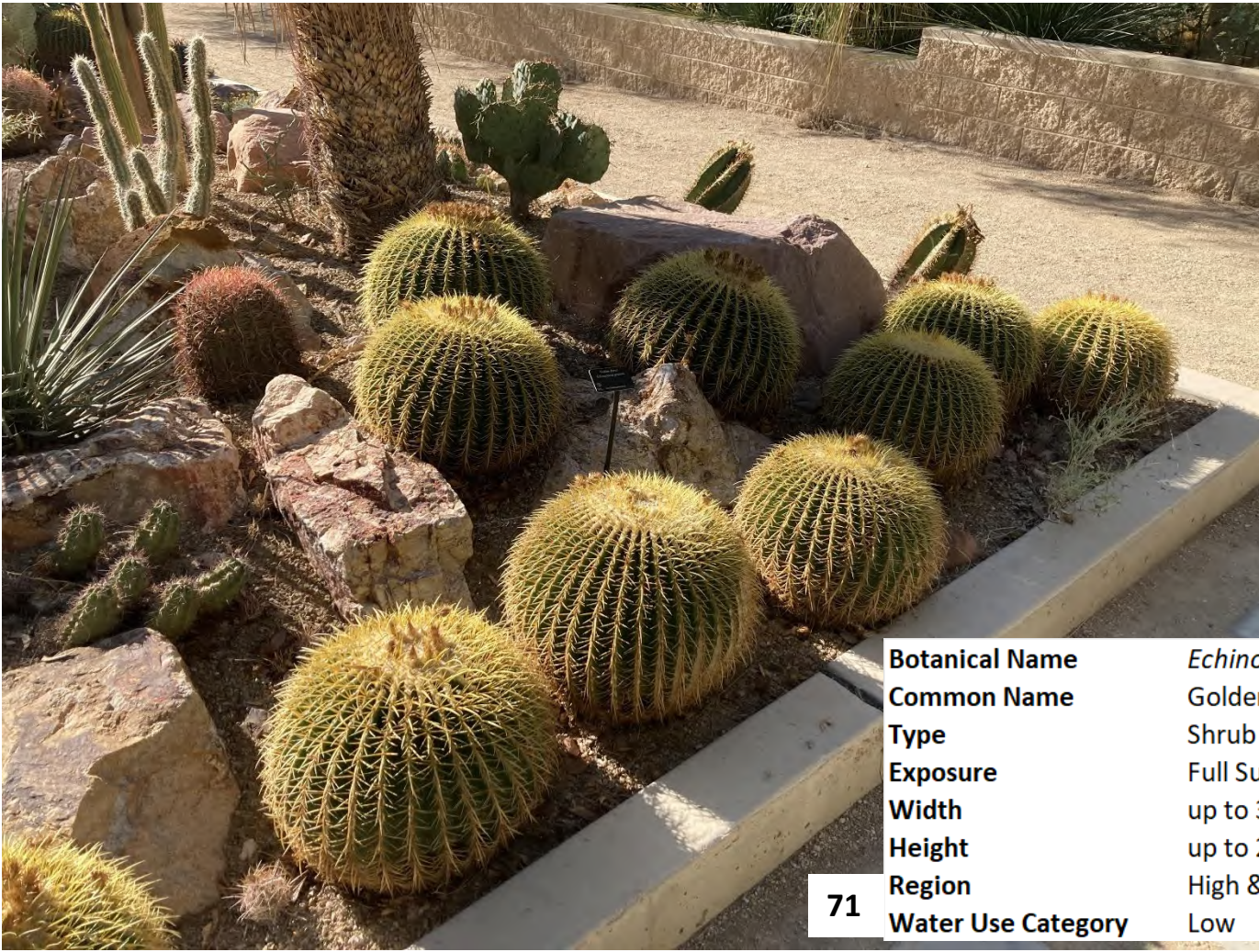


Diameter of Canopy (in feet)								
4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA								
0.25	0.56	1.01	1.57	2.3	3.1	4	5	6
0.38	0.84	1.50	2.35	3.4	4.6	6	8	9
0.46	1.03	1.85	2.90	4.2	5.7	7	9	12
0.59	1.32	2.37	3.71	5.3	7.3	10	12	15
0.59	1.31	2.34	3.67	5.3	7.2	9	12	15
0.51	1.14	2.04	3.19	4.6	6.3	8	10	13
0.43	0.95	1.70	2.66	3.8	5.2	7	9	11
0.28	0.63	1.12	1.75	2.5	3.4	4	6	7

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Botanical Name	<i>Echinocereus grusonii</i>
Common Name	Golden Barrel Cactus
Type	Shrub / Cactus
Exposure	Full Sun
Width	up to 3 ft
Height	up to 2 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

SNWA- LOW WATER USE COEFFICIENT*

Golden Barrel Cactus 0.20

Echinocereus grusonii

*WUCOLS deems this plant inappropriate for the region

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Golden Barrel Cactus

Echinocereus grusonii

height 2' width 3'

light full sun

water reqt. low

foliage evergreen



Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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73

Botanical Name	<i>Echinopsis pachanoi</i>
Common Name	San Pedro Cactus
Type	Shrub / Cactus
Exposure	Full Sun
Width	up to 6 ft
Height	up to 8 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

San Pedro Cactus

Echinopsis pachanoi

0.20

San Pedro Cactus
Echinopsis pachanoi



height 8' width 6'
light full sun
water reqt. low
foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Encelia forinosa</i>
Common Name	Brittlebush
Type	Shrub
Exposure	Full Sun
Width	up to 4 ft
Height	up to 3 ft
Region	High & Intermediate Desert 5
Water Use Category	Very Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - VERY LOW WATER USE COEFFICIENT

Brittlebush

0.10

Encelia forinosa

Brittlebush

Encelia forinosa

height 3' width 4'

light full sun

water reqt. very low

foliage deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	(inches)
					gal/ft ²
31 Mar	4.99	0.1610	0.0161	0.010	
30 Apr	7.21	0.2403	0.0240	0.015	
31 May	9.18	0.2961	0.0296	0.018	
30 Jun	11.38	0.3793	0.0379	0.024	
31 Jul	11.62	0.3748	0.0375	0.023	
31 Aug	10.11	0.3261	0.0326	0.020	
30 Sep	8.16	0.2720	0.0272	0.017	
31 Oct	5.56	0.1794	0.0179	0.011	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.01	0.03	0.07	0.13	0.20	0.28
0.01	0.05	0.11	0.19	0.29	0.42
0.01	0.06	0.13	0.23	0.36	0.52
0.02	0.07	0.17	0.30	0.46	0.67
0.02	0.07	0.16	0.29	0.46	0.66
0.02	0.06	0.14	0.26	0.40	0.57
0.01	0.05	0.12	0.21	0.33	0.48
0.01	0.04	0.08	0.14	0.22	0.32

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Botanical Name	<i>Ephedra viridis</i>
Common Name	Green Ephedra
Type	Shrub
Exposure	Full Sun / Partial Sun
Width	up to 3 ft
Height	up to 3 ft
Region	High & Intermediate Desert 5
Water Use Category	Very Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV -VERY LOW WATER USE COEFFICIENT

Green Ephedra

0.10

Ephedra viridis

Green Ephedra

Ephedra viridis



height 3' **width** 3'

light full sun

water reqt. very low

foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	Canopy Area
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	

31	Mar	4.99	0.1610	0.0161	0.010
30	Apr	7.21	0.2403	0.0240	0.015
31	May	9.18	0.2961	0.0296	0.018
30	Jun	11.38	0.3793	0.0379	0.024
31	Jul	11.62	0.3748	0.0375	0.023
31	Aug	10.11	0.3261	0.0326	0.020
30	Sep	8.16	0.2720	0.0272	0.017
31	Oct	5.56	0.1794	0.0179	0.011

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.01	0.03	0.07	0.13	0.20	0.28
0.01	0.05	0.11	0.19	0.29	0.42
0.01	0.06	0.13	0.23	0.36	0.52
0.02	0.07	0.17	0.30	0.46	0.67
0.02	0.07	0.16	0.29	0.46	0.66
0.02	0.06	0.14	0.26	0.40	0.57
0.01	0.05	0.12	0.21	0.33	0.48
0.01	0.04	0.08	0.14	0.22	0.32

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Botanical Name	<i>Eremophila maculata</i> 'Valentine'
Common Name	Valentine Bush
Type	Shrub
Exposure	Full Sun
Width	up to 5 ft
Height	up to 4 ft
Region	High and Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Valentine Bush

Eremophila maculata 'Valentine'

0.20

Valentine Bush

Eremophila maculata 'Valentine'

height 4' width 5'

light full sun

water reqt. low

foliage evergreen



	Las Vegas ET _o Avg Monthly	Las Vegas ET _o Avg. daily	Las Vegas Ornamental Req't daily (inches)	Las Vegas Ornamental Req't daily gal/ft ²	Canopy Area
--	--	---	---	--	-------------

31	Mar	4.99	0.1610	0.0322	0.020
30	Apr	7.21	0.2403	0.0481	0.030
31	May	9.18	0.2961	0.0592	0.037
30	Jun	11.38	0.3793	0.0759	0.047
31	Jul	11.62	0.3748	0.0750	0.047
31	Aug	10.11	0.3261	0.0652	0.041
30	Sep	8.16	0.2720	0.0544	0.034
31	Oct	5.56	0.1794	0.0359	0.022

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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81

Botanical Name	<i>Eriogonum corymbosum</i> var. <i>nilseii</i>
Common Name	Las Vegas Buckwheat
Type	Shrub
Exposure	Full Sun
Width	up to 3 ft
Height	up to 3 ft
Region	High and Intermediate Desert 5
Water Use Category	Very Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV
 SNWA - VERY LOW WATER USE COEFFICIENT*

Las Vegas Buckwheat 0.10

Eriogonum corymbosum var. nilseii

*WUCOLS does not provide a coefficient for this plant

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0161	0.010	
30 Apr	7.21	0.2403	0.0240	0.015	
31 May	9.18	0.2961	0.0296	0.018	
30 Jun	11.38	0.3793	0.0379	0.024	
31 Jul	11.62	0.3748	0.0375	0.023	
31 Aug	10.11	0.3261	0.0326	0.020	
30 Sep	8.16	0.2720	0.0272	0.017	
31 Oct	5.56	0.1794	0.0179	0.011	

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Las Vegas Buckwheat

Eriogonum corymbosum var. nilseii

height 3' width 3'
 light full sun
 water reqt. very low
 foliage deciduous



Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.01	0.03	0.07	0.13	0.20	0.28
0.01	0.05	0.11	0.19	0.29	0.42
0.01	0.06	0.13	0.23	0.36	0.52
0.02	0.07	0.17	0.30	0.46	0.67
0.02	0.07	0.16	0.29	0.46	0.66
0.02	0.06	0.14	0.26	0.40	0.57
0.01	0.05	0.12	0.21	0.33	0.48
0.01	0.04	0.08	0.14	0.22	0.32





Botanical Name	<i>Euphorbia lanata</i>
Common Name	Peruvian Old Man Cactus
Type	Shrub / Cactus
Exposure	Full Sun / Partial Sun
Width	up to 2 ft
Height	up to 6 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

Peruvian Old Man Cactus **0.20**
Espositoa lanata

Peruvian Old Man Cactus
Espositoa lanata



height 6' width 2'
light full sun / partial sun
water reqt. low
foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Eucalyptus microtheca</i>
Common Name	Coolibah
Type	Tree
Exposure	na
Width	up to 25 ft
Height	up to 40 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Coolibah

Eucalyptus microtheca

0.40

Coolibah

Eucalyptus microtheca

height 40' width 25'

light na

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas
	ET _o	ET _o	Ornamental	Ornamental
	Avg	Avg.	Req't	Req't
	Monthly	daily	daily	daily
			(inches)	gal/ft ²
31 Mar	4.99	0.1610	0.0644	0.040
30 Apr	7.21	0.2403	0.0961	0.060
31 May	9.18	0.2961	0.1185	0.074
30 Jun	11.38	0.3793	0.1517	0.095
31 Jul	11.62	0.3748	0.1499	0.093
31 Aug	10.11	0.3261	0.1305	0.081
30 Sep	8.16	0.2720	0.1088	0.068
31 Oct	5.56	0.1794	0.0717	0.045

		Diameter of Canopy (in feet)													
		4	6	8	10	12	14	16	18	20	22	24	26	28	30
Canopy Area		12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706
		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
0.50	1.12	2.01	3.15	4.5	6.2	8.1	10.2	12.6	15.2	18.1	21.3	24.7	28.3		
0.75	1.68	3.01	4.70	6.8	9.2	12.0	15.2	18.8	22.8	27.1	31.8	36.8	42.3		
0.93	2.07	3.70	5.79	8.3	11.4	14.8	18.7	23.2	28.0	33.4	39.2	45.4	52.1		
1.19	2.65	4.75	7.42	10.7	14.6	19.0	24.0	29.7	35.9	42.7	50.2	58.1	66.7		
1.17	2.62	4.69	7.33	10.6	14.4	18.8	23.7	29.3	35.5	42.2	49.6	57.4	65.9		
1.02	2.28	4.08	6.38	9.2	12.5	16.3	20.6	25.5	30.9	36.7	43.2	50.0	57.4		
0.85	1.90	3.40	5.32	7.7	10.4	13.6	17.2	21.3	25.8	30.6	36.0	41.7	47.9		

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Botanical Name	<i>Fouquieria Splendens</i>
Common Name	Ocotillo
Type	Shrub
Exposure	Full Sun / Partial Sun
Width	6 ft
Height	12 ft
Region	High & Intermediate Desert 5
Water Use Category	Very Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV
WUCOLS IV - VERY LOW WATER USE COEFFICIENT

Ocotillo **0.10**
Fouquieria splendens

Ocotillo
Fouquieria splendens



height 12' **width** 6'
light full sun / partial sun
water reqt. very low
foliage deciduous

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET ₀	ET ₀	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0161	0.010	
30 Apr	7.21	0.2403	0.0240	0.015	
31 May	9.18	0.2961	0.0296	0.018	
30 Jun	11.38	0.3793	0.0379	0.024	
31 Jul	11.62	0.3748	0.0375	0.023	
31 Aug	10.11	0.3261	0.0326	0.020	
30 Sep	8.16	0.2720	0.0272	0.017	
31 Oct	5.56	0.1794	0.0179	0.011	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.01	0.03	0.07	0.13	0.20	0.28
0.01	0.05	0.11	0.19	0.29	0.42
0.01	0.06	0.13	0.23	0.36	0.52
0.02	0.07	0.17	0.30	0.46	0.67
0.02	0.07	0.16	0.29	0.46	0.66
0.02	0.06	0.14	0.26	0.40	0.57
0.01	0.05	0.12	0.21	0.33	0.48
0.01	0.04	0.08	0.14	0.22	0.32

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Botanical Name	<i>Fraxinus gregii</i>
Common Name	Littleleaf Ash
Type	Tree Semi deciduous
Exposure	na
Width	15 ft
Height	18 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT*

Littleleaf Ash

0.40

Fraxinus gregii

*WUCOLS does not provide a coefficient for this plant

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Littleleaf Ash

Fraxinus gregii

height 18' width 15'

light na

water reqt. moderate

foliage semi deciduous



Diameter of Canopy (in feet)								
4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA								
0.50	1.12	2.01	3.15	4.5	6.2	8	10	13
0.75	1.68	3.01	4.70	6.8	9.2	12	15	19
0.93	2.07	3.70	5.79	8.3	11.4	15	19	23
1.19	2.65	4.75	7.42	10.7	14.6	19	24	30
1.17	2.62	4.69	7.33	10.6	14.4	19	24	29
1.02	2.28	4.08	6.38	9.2	12.5	16	21	26
0.85	1.90	3.40	5.32	7.7	10.4	14	17	21
0.56	1.25	2.24	3.51	5.1	6.9	9	11	14

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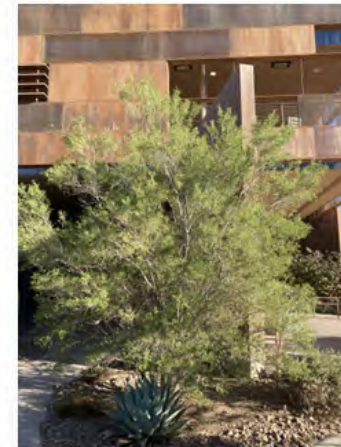
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Botanical Name	<i>Fraxinus velutina</i>
Common Name	Arizona Ash
Type	Tree / Deciduous
Exposure	na
Width	30 ft
Height	40 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Arizona Ash

Fraxinus velutina

0.40

Arizona Ash

Fraxinus velutina

height 40'

width 30'

light na

water reqt. moderate



	Las Vegas ET _o Avg Monthly	Las Vegas ET _o Avg. daily	Las Vegas		Canopy Area	Diameter of Canopy (in feet)												
			Ornamental Req't daily (inches)	Ornamental Req't daily gal/ft ²		4	6	8	10	12	14	16	18	20	22	24	26	28
31 Mar	4.99	0.1610	0.0644	0.040	0.50	1.12	2.01	3.15	4.5	6.2	8.1	10.2	12.6	15.2	18.1	21.3	24.7	28.3
30 Apr	7.21	0.2403	0.0961	0.060	0.75	1.68	3.01	4.70	6.8	9.2	12.0	15.2	18.8	22.8	27.1	31.8	36.8	42.3
31 May	9.18	0.2961	0.1185	0.074	0.93	2.07	3.70	5.79	8.3	11.4	14.8	18.7	23.2	28.0	33.4	39.2	45.4	52.1
30 Jun	11.38	0.3793	0.1517	0.095	1.19	2.65	4.75	7.42	10.7	14.6	19.0	24.0	29.7	35.9	42.7	50.2	58.1	66.7
31 Jul	11.62	0.3748	0.1499	0.093	1.17	2.62	4.69	7.33	10.6	14.4	18.8	23.7	29.3	35.5	42.2	49.6	57.4	65.9
31 Aug	10.11	0.3261	0.1305	0.081	1.02	2.28	4.08	6.38	9.2	12.5	16.3	20.6	25.5	30.9	36.7	43.2	50.0	57.4
30 Sep	8.16	0.2720	0.1088	0.068	0.85	1.90	3.40	5.32	7.7	10.4	13.6	17.2	21.3	25.8	30.6	36.0	41.7	47.9
31 Oct	5.56	0.1794	0.0717	0.045														

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Botanical Name	<i>Gleditsia tricanthos</i>
Common Name	Honey Locust 'Shademaster'
Type	Tree / Deciduous
Exposure	na
Width	30 ft
Height	35 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

Honey Locust 'Shademaster' 0.20
Gleditsia tricanthos

Honey Locust 'Shademaster'
Gleditsia tricanthos



height 35' width 30'
light na
water reqt. low
foliage deciduous

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Diameter of Canopy (in feet)															
					ET _o	ET _o	Ornamental	Ornamental	4	6	8	10	12	14	16	18	20	22	24	26
	Avg	Avg.	Req't	Req't	Canopy Area		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
	Monthly	daily	daily	daily	(inches)	gal/ft ²														
31 Mar	4.99	0.1610	0.0322	0.020	0.25	0.56	1.01	1.57	2.3	3.1	4.0	5.1	6.3	7.6	9.1	10.7	12.3	14.2		
30 Apr	7.21	0.2403	0.0481	0.030	0.38	0.84	1.50	2.35	3.4	4.6	6.0	7.6	9.4	11.4	13.5	15.9	18.4	21.1		
31 May	9.18	0.2961	0.0592	0.037	0.46	1.03	1.85	2.90	4.2	5.7	7.4	9.4	11.6	14.0	16.7	19.6	22.7	26.0		
30 Jun	11.38	0.3793	0.0759	0.047	0.59	1.32	2.37	3.71	5.3	7.3	9.5	12.0	14.8	18.0	21.4	25.1	29.1	33.4		
31 Jul	11.62	0.3748	0.0750	0.047	0.59	1.31	2.34	3.67	5.3	7.2	9.4	11.9	14.7	17.7	21.1	24.8	28.7	33.0		
31 Aug	10.11	0.3261	0.0652	0.041	0.51	1.14	2.04	3.19	4.6	6.3	8.2	10.3	12.8	15.4	18.4	21.6	25.0	28.7		
30 Sep	8.16	0.2720	0.0544	0.034	0.43	0.95	1.70	2.66	3.8	5.2	6.8	8.6	10.6	12.9	15.3	18.0	20.8	23.9		
31 Oct	5.56	0.1794	0.0359	0.022																

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Botanical Name	<i>Hesperaloe parviflora</i>
Common Name	Red Yucca
Type	Yucca
Exposure	Full Sun
Width	3 ft
Height	3 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV
WUCOLS IV - LOW WATER USE COEFFICIENT

Red Yucca

Hesperaloe parviflora

0.20

Red Yucca
Hesperaloe parviflora



height 3' **width** 3'
light full sun
water reqt. low
foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Krascheninnikovia lanata</i>
Common Name	Winterfat
Type	Shrub / Evergreen
Exposure	Full Sun
Width	3 ft
Height	2 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV
 WUCOLS IV - LOW WATER USE COEFFICIENT

Winterfat

0.20

Krascheninnikovia lanata

Winterfat

Krascheninnikovia lanata



height 2' width 3'
 light full sun
 water reqt. low
 foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Lagerstroemia indica</i>
Common Name	Crape Myrtle
Type	Tree / Deciduous
Exposure	na
Width	12 ft
Height	12 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Crape Myrtle

Lagerstroemia indica

0.40

Crape Myrtle

Lagerstroemia indica

height 12' width 12'

light na

water reqt. moderate

foliage deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET ₀	ET ₀	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)									
4	6	8	10	12	14	16	18	20	
12.56	28	50.2	78.5	113	154	201	254	314	
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA									
0.50	1.12	2.01	3.15	4.5	6.2	8	10	13	
0.75	1.68	3.01	4.70	6.8	9.2	12	15	19	
0.93	2.07	3.70	5.79	8.3	11.4	15	19	23	
1.19	2.65	4.75	7.42	10.7	14.6	19	24	30	
1.17	2.62	4.69	7.33	10.6	14.4	19	24	29	
1.02	2.28	4.08	6.38	9.2	12.5	16	21	26	
0.85	1.90	3.40	5.32	7.7	10.4	14	17	21	
0.56	1.25	2.24	3.51	5.1	6.9	9	11	14	

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Botanical Name	<i>Lantana camara 'Dallas Red'</i>
Common Name	Dallas Red Lantana
Type	Groundcover / Evergreen
Exposure	Full Sun
Width	6 ft
Height	3 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

101

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Dallas Red Lantana

0.40

Lantana camara - 'Dallas Red'

Dallas Red Lantana

Lantana camara - 'Dallas Red'

height 3' width 6'

light full sun

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26

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Botanical Name	<i>Lantana camara 'New Gold'</i>
Common Name	New Gold Lantana
Type	Groundcover / Evergreen
Exposure	Full Sun / Partial Sun
Width	6 ft
Height	3 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

103

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

New Gold Lantana

0.40

Lantana camara - 'New Gold'

New Gold Lantana

Lantana camara - 'New Gold'



height 3' width 6'

light full sun

water reqt. moderate

foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)					
1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA					
0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26

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Botanical Name	<i>Lantana montevidensis</i> 'Purple'
Common Name	Purple Trailing Lantana
Type	Perennial
Exposure	Full Sun
Width	2 - 6 ft
Height	1 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Purple Trailing Lantana

0.40

Lantana montevidensis 'Purple'

Purple Trailing Lantana

Lantana montevidensis 'Purple'

height 1' width 6'

light full sun

water reqt. moderate

foliage deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.03	0.13	0.28	0.50	0.79	1.14
0.05	0.19	0.42	0.75	1.18	1.69
0.06	0.23	0.52	0.93	1.45	2.09
0.08	0.30	0.67	1.19	1.86	2.68
0.07	0.29	0.66	1.17	1.83	2.64
0.07	0.26	0.57	1.02	1.60	2.30
0.05	0.21	0.48	0.85	1.33	1.92
0.04	0.14	0.32	0.56	0.88	1.26

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Botanical Name	<i>Laurus nobilis</i>
Common Name	Sweet Bay
Type	Tree
Exposure	Full Sun
Width	12 ft
Height	12 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Sweet Bay

Laurus nobilis

0.40

Sweet Bay

Laurus nobilis



height 12' width 12'

light na

water reqt. moderate

foliage evergreen

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET ₀	ET ₀	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
Monthly	daily	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)

4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.50	1.12	2.01	3.15	4.5	6.2	8	10	13
0.75	1.68	3.01	4.70	6.8	9.2	12	15	19
0.93	2.07	3.70	5.79	8.3	11.4	15	19	23
1.19	2.65	4.75	7.42	10.7	14.6	19	24	30
1.17	2.62	4.69	7.33	10.6	14.4	19	24	29
1.02	2.28	4.08	6.38	9.2	12.5	16	21	26
0.85	1.90	3.40	5.32	7.7	10.4	14	17	21
0.56	1.25	2.24	3.51	5.1	6.9	9	11	14

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Botanical Name	<i>Leucophyllum frutescens</i> 'Green Cloud'
Common Name	Green Cloud Texas Sage
Type	Shrub
Exposure	Full Sun
Width	2 - 6 ft
Height	2 - 6 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Green Cloud Texas Sage 0.20

Leucophyllum frutescens 'Green Cloud'

Green Cloud Texas Sage

Leucophyllum frutescens 'Green Cloud'

height 6' width 6'
 light full sun
 water reqt. low
 foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Leucophyllum langmaniae</i> 'Lynn's Legacy'
Common Name	Lynn's Legacy Texas Sage
Type	Shrub
Exposure	Full Sun
Width	2 - 5 ft
Height	2 - 5 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Lynn's Legacy Texas Sage

Leucophyllum langmaniae 'Lynn's Lega

0.20

Lynn's Legacy Texas Sage

Leucophyllum langmaniae 'Lynn's Legacy'

height 5' width 5'

light full sun

water reqt. low

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical name	<i>Leucophyllum langmaniae</i> 'Rio Bravo'
Common Name	Rio Bravo Texas Sage
Type	Shrub
Exposure	Full Sun
Width	2 - 6 ft
Height	2 - 6 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Rio Bravo Texas Sage

Leucophyllum langmaniae 'Rio Bravo'

0.20

Rio Bravo Texas Sage

Leucophyllum langmaniae 'Rio Bravo'

height 6' width 6'

light full sun

water reqt. low

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Leucophyllum zygophyllum</i>
Common Name	Cup Leaf Texas Sage
Type	Shrub
Exposure	Full Sun
Width	1 - 3 ft
Height	1 - 3 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Cup Leaf Texas Sage

Leucophyllum zygophyllum

0.20

Cup Leaf Texas Sage

Leucophyllum zygophyllum

height 3' width 3'

light full sun

water reqt. low

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET _o	ET _o	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

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Botanical Name	<i>Ligustrum japonicum</i>
Common Name	Wax Leaf Privet
Type	Shurb / Small Tree
Exposure	Full Sun / Partial Sun
Width	1 - 15 ft
Height	1 - 12 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Wax Leaf Privet

Ligustrum japonicum

0.40

Wax Leaf Privet

Ligustrum japonicum

height 12' width 15'

light na

water reqt. moderate

foliage evergreen



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	
	ET ₀	ET ₀	Ornamental	Ornamental	
	Avg	Avg.	Req't	Req't	Canopy Area
	Monthly	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0644	0.040	
30 Apr	7.21	0.2403	0.0961	0.060	
31 May	9.18	0.2961	0.1185	0.074	
30 Jun	11.38	0.3793	0.1517	0.095	
31 Jul	11.62	0.3748	0.1499	0.093	
31 Aug	10.11	0.3261	0.1305	0.081	
30 Sep	8.16	0.2720	0.1088	0.068	
31 Oct	5.56	0.1794	0.0717	0.045	

Diameter of Canopy (in feet)

4	6	8	10	12	14	16	18	20
12.56	28	50.2	78.5	113	154	201	254	314

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.50	1.12	2.01	3.15	4.5	6.2	8	10	13
0.75	1.68	3.01	4.70	6.8	9.2	12	15	19
0.93	2.07	3.70	5.79	8.3	11.4	15	19	23
1.19	2.65	4.75	7.42	10.7	14.6	19	24	30
1.17	2.62	4.69	7.33	10.6	14.4	19	24	29
1.02	2.28	4.08	6.38	9.2	12.5	16	21	26
0.85	1.90	3.40	5.32	7.7	10.4	14	17	21
0.56	1.25	2.24	3.51	5.1	6.9	9	11	14

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Botanical Name	<i>Lysiloma watsonii thomberi</i>
Common Name	Lysiloma 'Fern of the Desert'
Type	Tree - Deciduous/Semi Deciduous
Exposure	na
Width	15 ft
Height	20 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical Eto - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT*

Lysiloma 'Fern of the Desert' 0.20

Lysiloma watsonii thomberi

*WUCOLS deems this plant inappropriate for the region

	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area
	ET ₀	ET ₀	Ornamental	Ornamental	
	Avg.	Avg.	Req't	Req't	
Monthly	daily	daily	daily	daily	
			(inches)	gal/ft ²	
31 Mar	4.99	0.1610	0.0322	0.020	
30 Apr	7.21	0.2403	0.0481	0.030	
31 May	9.18	0.2961	0.0592	0.037	
30 Jun	11.38	0.3793	0.0759	0.047	
31 Jul	11.62	0.3748	0.0750	0.047	
31 Aug	10.11	0.3261	0.0652	0.041	
30 Sep	8.16	0.2720	0.0544	0.034	
31 Oct	5.56	0.1794	0.0359	0.022	

Lysiloma 'Fern of the Desert'

Lysiloma watsonii thomberi

height 20' width 15'

light na

water reqt. low

foliage deciduous semi-deciduous



Diameter of Canopy (in feet)									
4	6	8	10	12	14	16	18	20	
12.56	28	50.2	78.5	113	154	201	254	314	
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA									
0.25	0.56	1.01	1.57	2.3	3.1	4	5	6	
0.38	0.84	1.50	2.35	3.4	4.6	6	8	9	
0.46	1.03	1.85	2.90	4.2	5.7	7	9	12	
0.59	1.32	2.37	3.71	5.3	7.3	10	12	15	
0.59	1.31	2.34	3.67	5.3	7.2	9	12	15	
0.51	1.14	2.04	3.19	4.6	6.3	8	10	13	
0.43	0.95	1.70	2.66	3.8	5.2	7	9	11	
0.28	0.63	1.12	1.75	2.5	3.4	4	6	7	

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Botanical Name	<i>Malus pumila 'Anna'</i>
Common Name	Anna Apple
Type	Tree - Deciduous
Exposure	na
Width	20 ft
Height	20 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ET_o - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Anna Apple

Malus pumila 'Anna'

0.40

Anna Apple

Malus pumila 'Anna'

height 20' width 20'

light na

water reqt. moderate

foliage deciduous



	Las Vegas	Las Vegas	Las Vegas	Las Vegas	Canopy Area	Diameter of Canopy (in feet)										
						ET _o	ET _o	Ornamental	Ornamental	4	6	8	10	12	14	16
	Avg	Avg.	Req't	Req't		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA										
Monthly	daily	daily	daily	daily												
			(inches)	gal/ft ²												
31 Mar	4.99	0.1610	0.0644	0.040	12.56	0.50	1.12	2.01	3.15	4.5	6.2	8.1	10.2	12.6	15.2	18.1
30 Apr	7.21	0.2403	0.0961	0.060	28	0.75	1.68	3.01	4.70	6.8	9.2	12.0	15.2	18.8	22.8	27.1
31 May	9.18	0.2961	0.1185	0.074	50.2	0.93	2.07	3.70	5.79	8.3	11.4	14.8	18.7	23.2	28.0	33.4
30 Jun	11.38	0.3793	0.1517	0.095	78.5	1.19	2.65	4.75	7.42	10.7	14.6	19.0	24.0	29.7	35.9	42.7
31 Jul	11.62	0.3748	0.1499	0.093	113	1.17	2.62	4.69	7.33	10.6	14.4	18.8	23.7	29.3	35.5	42.2
31 Aug	10.11	0.3261	0.1305	0.081	154	1.02	2.28	4.08	6.38	9.2	12.5	16.3	20.6	25.5	30.9	36.7
30 Sep	8.16	0.2720	0.1088	0.068	201	0.85	1.90	3.40	5.32	7.7	10.4	13.6	17.2	21.3	25.8	30.6
31 Oct	5.56	0.1794	0.0717	0.045	254	0.56	1.25	2.24	3.51	5.1	6.9	9.0	11.4	14.0	17.0	20.2

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Latin Name	Mirabilis multiflora
Common Name	Desert Four O'Clock
Type	Perennial Herb
Exposure	Full Sun / Partial Sun
Width	2 ft
Height	2 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

Water Use Requirement (gallons per day) - Las Vegas, NV

Based on Historical ETo - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT*

Desert Four O'Clock 0.20

Mirabilis multiflora

*WUCOLS does not provide a coefficient for this plant

		Las Vegas	Las Vegas	Las Vegas	Las Vegas	
		ET _o	ET _o	Ornamental	Ornamental	Canopy Area
		Avg	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	
				(inches)	gal/ft ²	
31	Mar	4.99	0.1610	0.0322	0.020	
30	Apr	7.21	0.2403	0.0481	0.030	
31	May	9.18	0.2961	0.0592	0.037	
30	Jun	11.38	0.3793	0.0759	0.047	
31	Jul	11.62	0.3748	0.0750	0.047	
31	Aug	10.11	0.3261	0.0652	0.041	
30	Sep	8.16	0.2720	0.0544	0.034	
31	Oct	5.56	0.1794	0.0359	0.022	

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Desert Four O'Clock

Mirabilis multiflora

height 2' width 2'

light full sun / partial sun

water reqt. low

foliage perennial herb



Diameter of Canopy (in feet)

1	2	3	4	5	6
0.8	3.14	7.06	12.6	20	28

GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

0.02	0.06	0.14	0.25	0.39	0.57
0.02	0.09	0.21	0.38	0.59	0.85
0.03	0.12	0.26	0.46	0.72	1.04
0.04	0.15	0.33	0.59	0.93	1.34
0.04	0.15	0.33	0.59	0.92	1.32
0.03	0.13	0.29	0.51	0.80	1.15
0.03	0.11	0.24	0.43	0.67	0.96
0.02	0.07	0.16	0.28	0.44	0.63

