



Botanical Name	<i>Eupostoa 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 ET_o - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Peruvian Old Man Cactus

0.20

Espostoa lanata

Peruvian Old Man Cactus

Espostoa 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	
		Monthly	daily	daily	daily	Canopy Area
				(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	Diameter of Canopy (in feet)															
		ET _o	ET _o	Ornamental	Ornamental	4	6	8	10	12	14	16	18	20	22	24	26	28	30		
		Avg	Avg.	Req't	Req't	12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706		
		Monthly	daily	daily	daily	Canopy Area		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
				(inches)	gal/ft ²																
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>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 ET₀ - Las Vegas, NV

WUCOLS IV - VERY LOW WATER USE COEFFICIENT

Ocotillo

Fouquieria splendens

0.10

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	
		Monthly	daily	daily	daily	Canopy Area
				(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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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



						Diameter of Canopy (in feet)												
Las Vegas	Las Vegas	Las Vegas	Las Vegas	4	6	8	10	12	14	16	18	20	22	24	26	28	30	
ET _o	ET _o	Ornamental	Ornamental	12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706	
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	0.0644	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	0.75	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	0.93	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	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	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	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	0.85	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															

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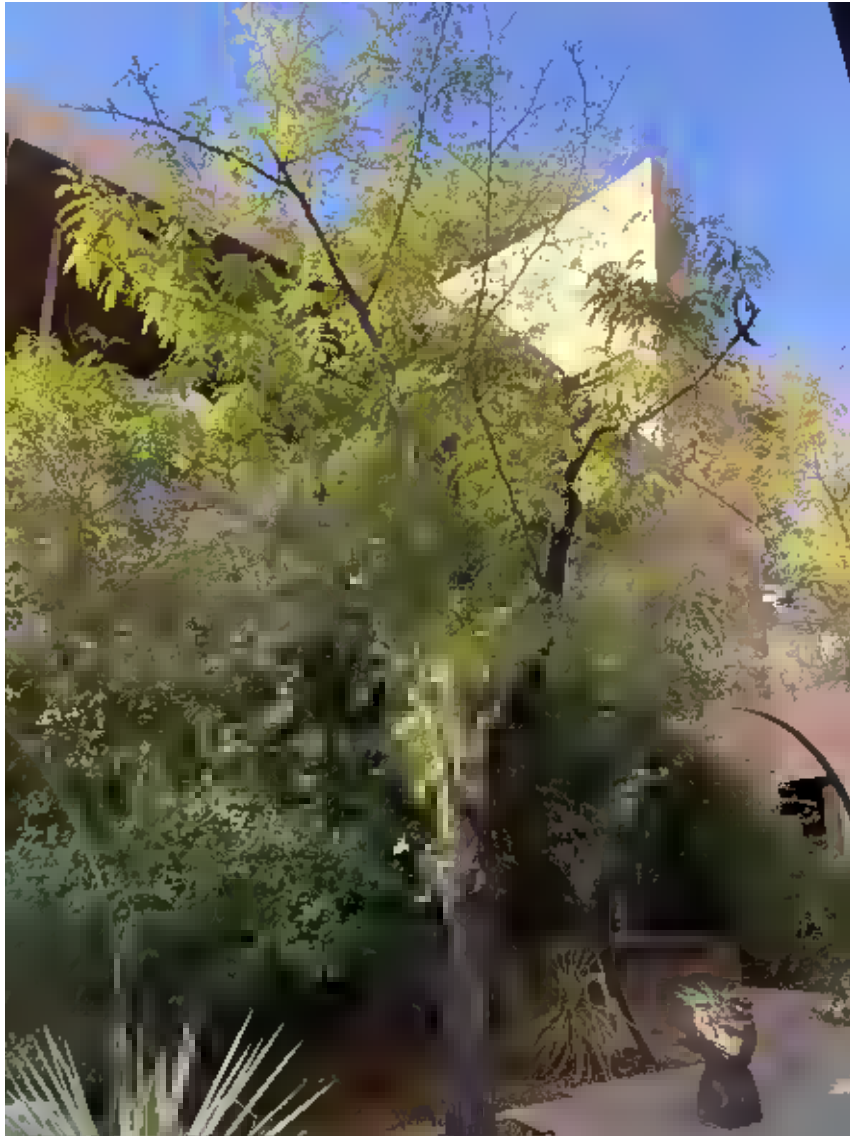
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Botanical Name	<i>Gleditsia tricanthos</i>
Common Name	Honey Locust 'Shademaster'
Type	Tree / Deciduous
Exposure	na
Width	30 ft
Height	35 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

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

Based on Historical ET₀ - 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

						Diameter of Canopy (in feet)												
Las Vegas	Las Vegas	Las Vegas	Las Vegas	4	6	8	10	12	14	16	18	20	22	24	26	28	30	
ET ₀	ET ₀	Ornamental	Ornamental	12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706	
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	0.25	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	0.38	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	0.46	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	0.59	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	0.59	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	0.51	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	0.43	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															

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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 ET₀ - 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 ₀	ET ₀	Ornamental	Ornamental	
		Avg	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	Canopy Area
				(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)						
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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

Krascheninnikovia lanata

0.20

Winterfat

Krascheninnikovia lanata



height 2' 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	
	Monthly	daily	daily	daily	Canopy Area
			(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

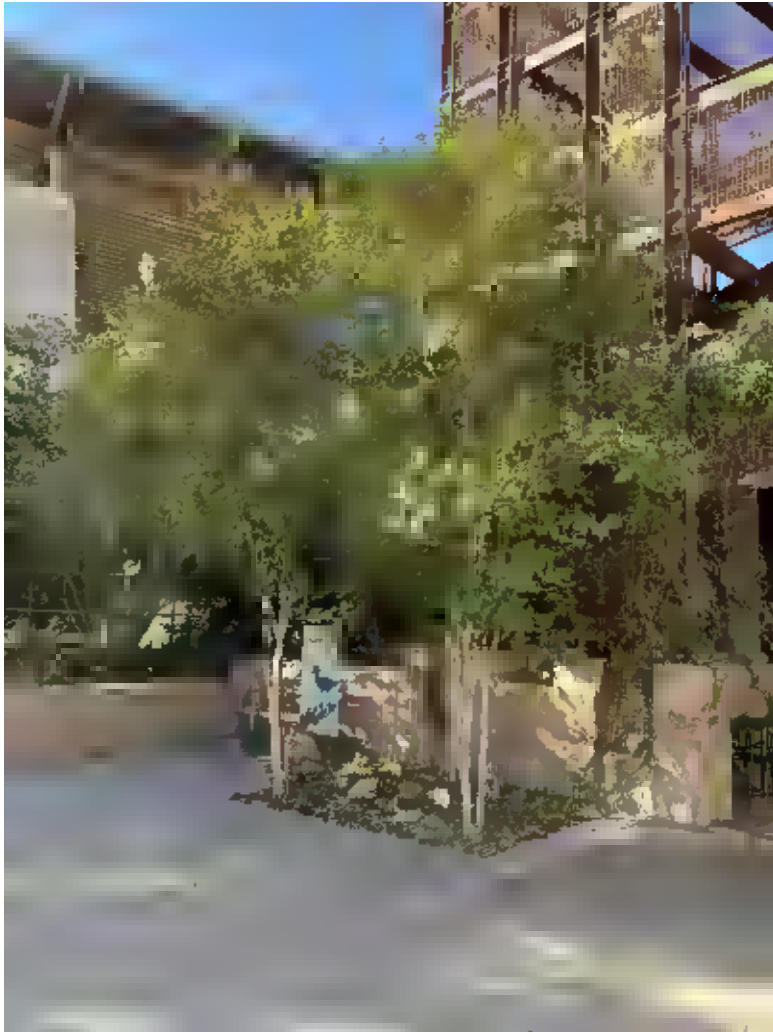
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

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	
		Monthly	daily	daily	daily	Canopy Area
				(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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101

Botanical Name	<i>Lantana camara</i> 'Dallas Red'
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

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

Based on Historical ETo - 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 ET ₀ Avg Monthly	Las Vegas ET ₀ 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	0.0644	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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103

Botanical Name	<i>Lantana camara</i> 'New Gold'
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

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

Based on Historical ET₀ - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

New Gold Lantana

0.40

Lantana camara - 'New Gold'

		Las Vegas	Las Vegas	Las Vegas	Las Vegas	
		ET ₀	ET ₀	Ornamental	Ornamental	
		Avg	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	Canopy Area
				(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	

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New Gold Lantana

Lantana camara - 'New Gold'

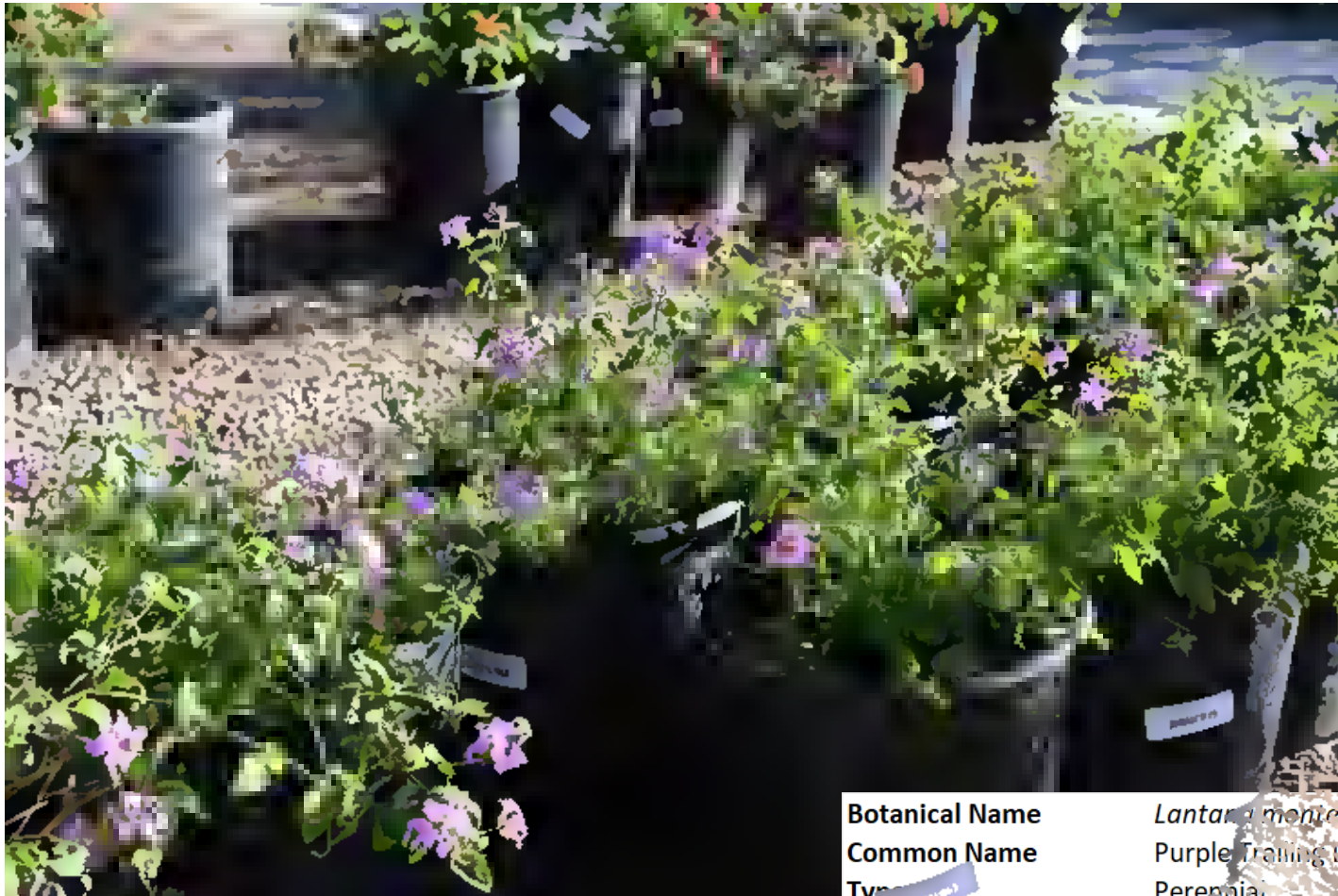


height 3' width 6'
light full sun
water reqt. moderate
foliage evergreen

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					
0.03	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





Botanical Name	<i>Lantana montevidensis 'Purple'</i>
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 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	0.0644	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	
		ET ₀	ET ₀	Ornamental	Ornamental	
		Avg.	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	Canopy Area
				(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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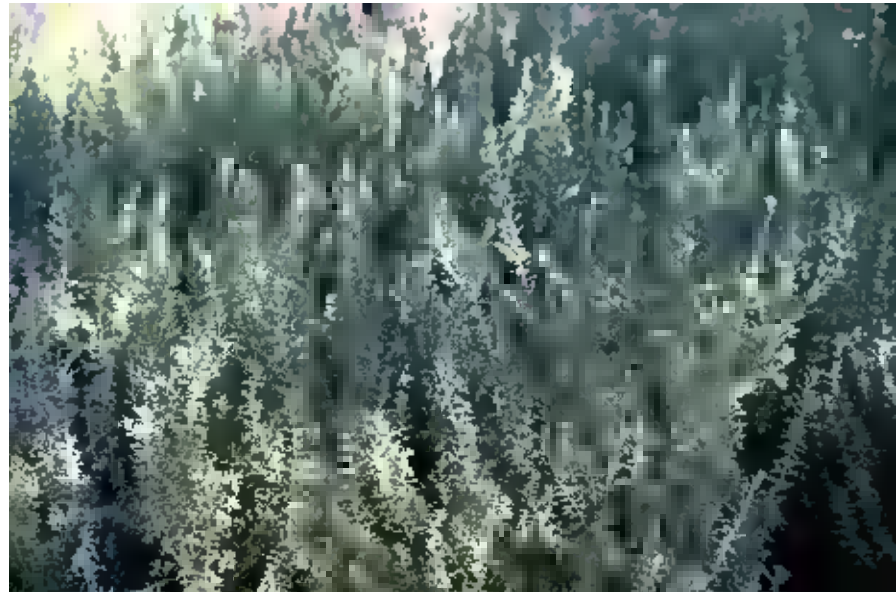
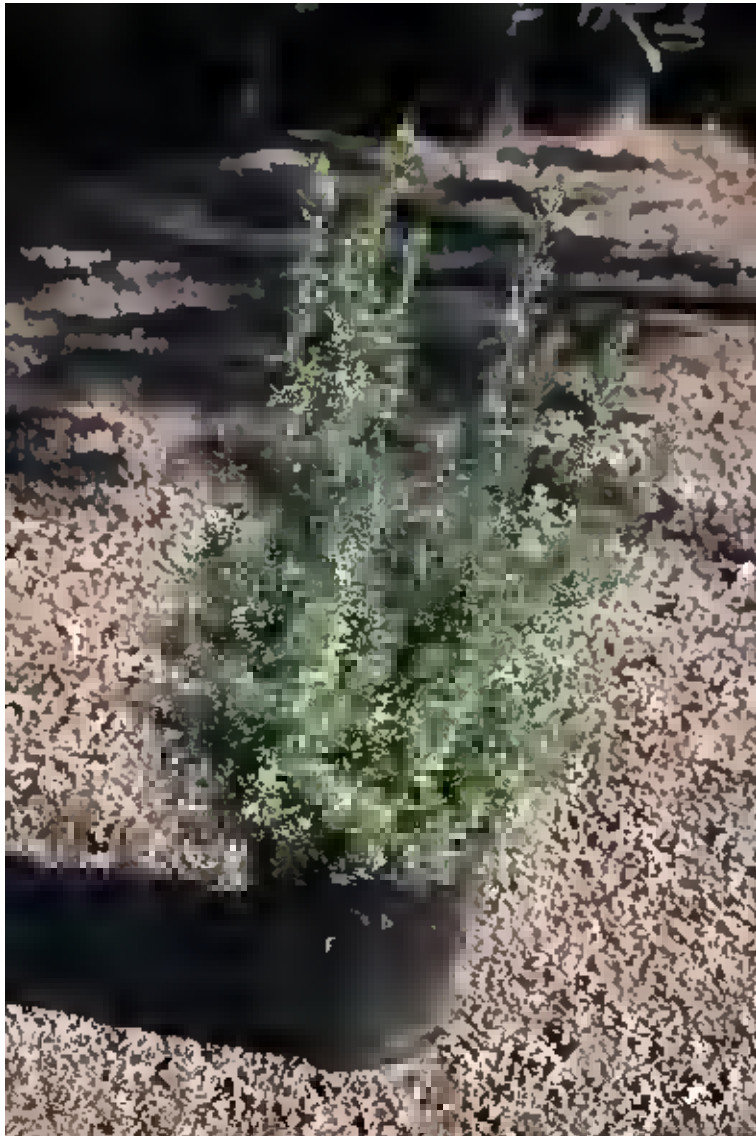
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Botanical Name	<i>Leucophyllum frutescens</i> 'Green Cloud'
Common Name	Green Cloud Texas Sage
Type	Shrub
Exposure	Full Sun
Width	2 - 6 ft
Height	2 - 6 ft
Region	High & Intermediate Desert 5
Water Use Category	Low

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

Based on Historical ET₀ - 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	
		ET ₀	ET ₀	Ornamental	Ornamental	
		Avg.	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	Canopy Area
				(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	
		Monthly	daily	daily	daily	Canopy Area
				(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	
		Monthly	daily	daily	daily	Canopy Area
				(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 ET₀ - 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	
		ET ₀	ET ₀	Ornamental	Ornamental	
		Avg.	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	Canopy Area
				(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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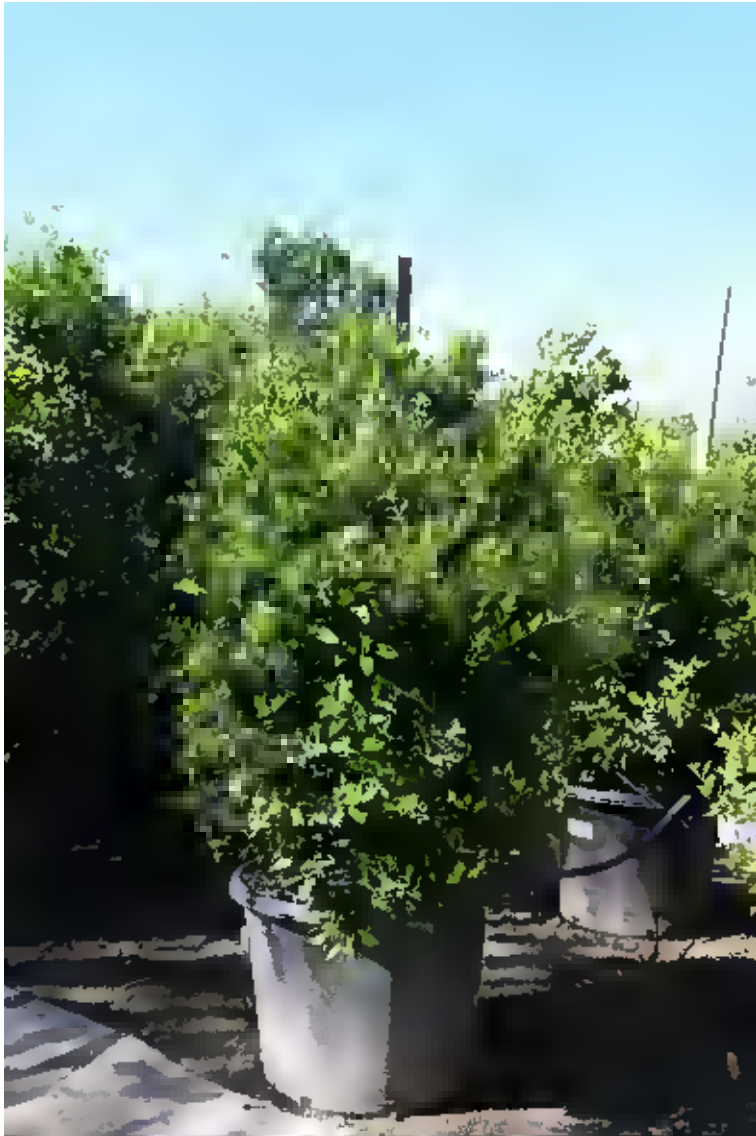
(702) 895-7612

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

(702) 547-9530

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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	
		Monthly	daily	daily	daily	Canopy Area
				(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	
		ET ₀	ET ₀	Ornamental	Ornamental	
		Avg	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	Canopy Area
				(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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Lysiloma 'Fern of the Desert'

Lysiloma watsonii thomberi

height 20' width 15'

light na

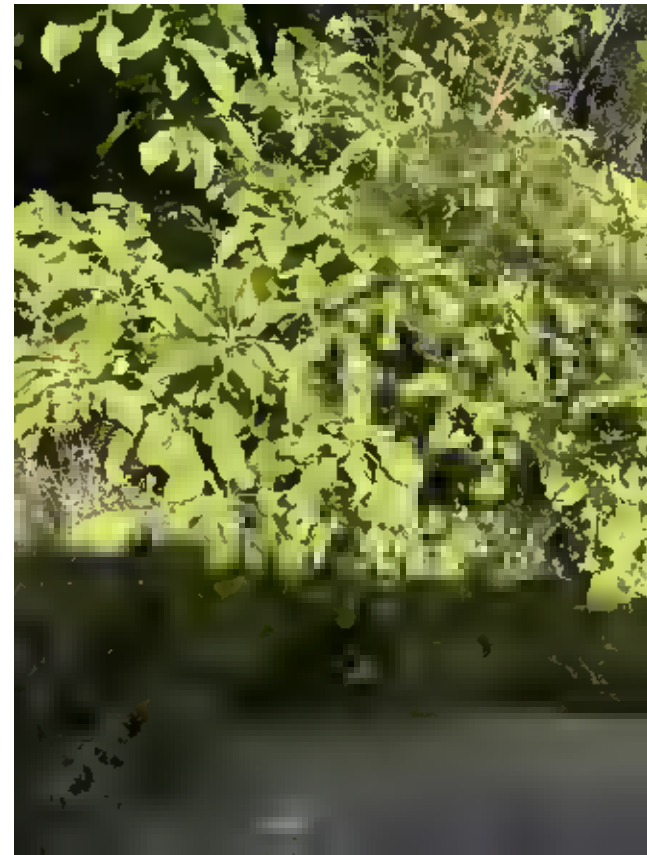
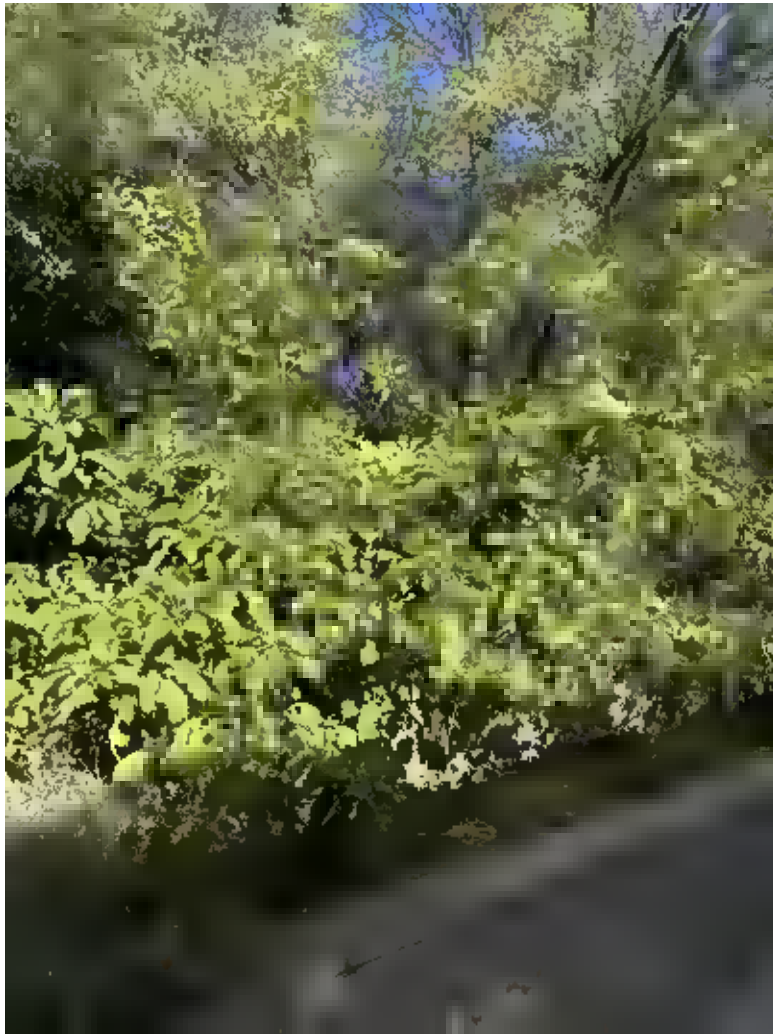
water reqt. low

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





Botanical Name	<i>Malus pumila</i> 'Anna'
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												
		Avg	Avg.	Req't	Req't		4	6	8	10	12	14	16	18	20	22	24
		Monthly	daily	daily	daily		12.56	28	50.2	78.5	113	154	201	254	314	380	452
				(inches)	gal/ft ²	GALLONS REQUIRED PER DAY BASED ON CANOPY AREA											
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	
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	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	
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	
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	
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	
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	
31	Oct	5.56	0.1794	0.0717	0.045	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	
		Avg	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	Canopy Area
				(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	





Botanical Name	<i>Muhlenbergia capillaris</i> 'Regal Mist'
Common Name	Regal Mist Grass
Type	Perennial
Exposure	Full Sun / Partial Sun
Width	3 ft
Height	3 ft
Region	High & Intermediate Desert
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

Regal Mist Grass

0.40

Muhlenbergia capillaris 'Regal Mist'

Regal Mist Grass

Muhlenbergia capillaris 'Regal Mist'

height 3' width 3'

light full sun / partial sun

water reqt. moderate

foliage na



		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	
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	Muhlenbergia emersleyi 'El Toro'
Common Name	El Toro Grass
Type	Ornamental Grass
Exposure	Full Sun / Partial Sun
Width	3 ft
Height	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

El Toro Grass

0.40

Muhlenbergia emersleyi 'El Toro'

		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	
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	

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El Toro Grass

Muhlenbergia emersleyi 'El Toro'

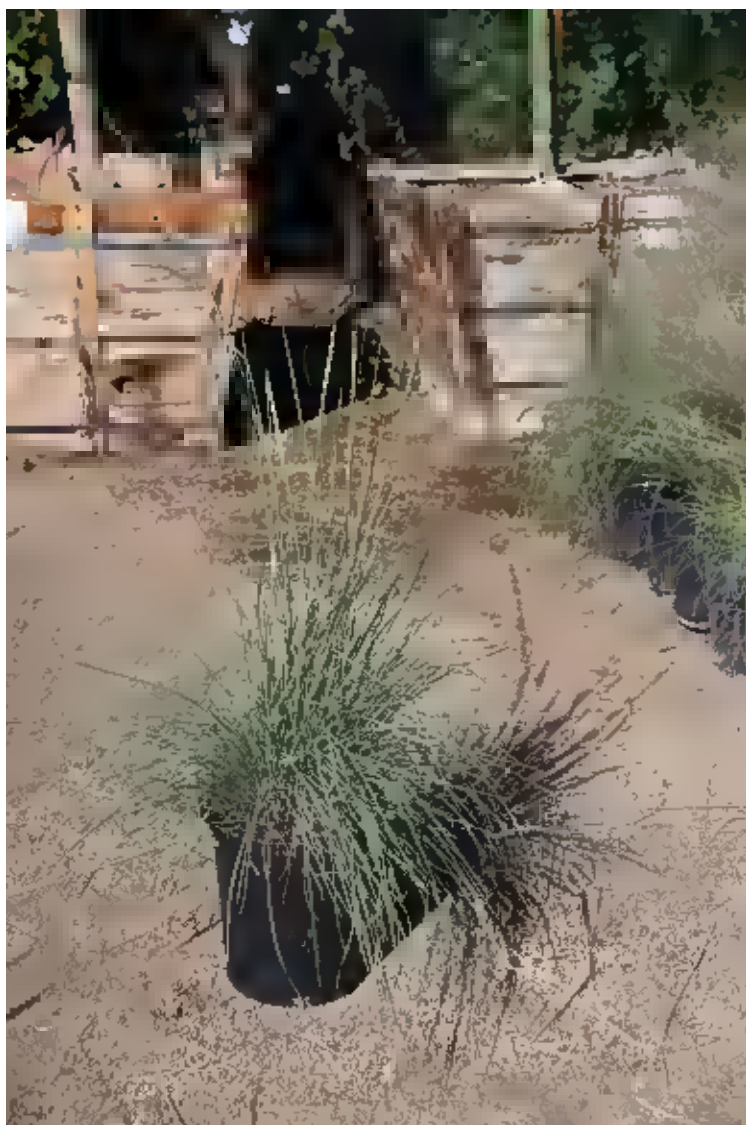
height 3' width 3'
light full sun / partial sun
water reqt. moderate
foliage evergreen



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						

0.03	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





Botanical Name	<i>Muhlenbergia lindheimeri</i> 'Autumn Glow'
Common Name	Autumn Glow Grass
Type	Ornamental Grass
Exposure	Full Sun / Partial Sun
Width	5 ft
Height	5 ft
Region	High and 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

Autumn Glow Grass

0.40

Muhlenbergia lindheimeri 'Autumn Glo

Autumn Glow Grass

Muhlenbergia lindheimeri 'Autumn Glow'

height 5' width 5'

light full sun / partial sun

water reqt. moderate

foliage na



		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	
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>Muhlenbergia rigens</i>
Common Name	Deer Grass
Type	Ornamental Grass
Exposure	Full Sun / Partial Sun
Width	4 ft
Height	4 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

Deer Grass

Muhlenbergia rigens

0.40

Deer Grass

Muhlenbergia rigens

height 4' width 4'

light full sun / partial sun

water reqt. moderate

foliage na



		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	
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>Nandina domestica</i>
Common Name	Heavenly Bamboo
Type	Shrub - Evergreen/Semi Deciduous
Exposure	Full Sun / Partial Sun
Width	2 - 6 ft
Height	2 - 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

Heavenly Bamboo

0.40

Nandina domestica

		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	
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	

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Heavenly Bamboo *Nandina domestica*

height 2 - 3 ' width 2 - 6 '

light full sun / partial sun

water reqt. moderate

foliage evergreen semi 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

0.03	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





Botanical Name	<i>Nasella tenuissima</i> - <i>Stipa tenuissima</i>
Common Name	Mexican Feather Grass
Type	Ornamental Grass
Exposure	Full Sun / Partial Sun
Width	1 - 2 ft
Height	1 - 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

Mexican Feather Grass

Nasella tenuissima - Stipa tenuissima

0.20

Mexican Feather Grass

Nasella tenuissima - Stipa tenuissima

height 2' 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	
		Monthly	daily	daily	daily	Canopy Area
				(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

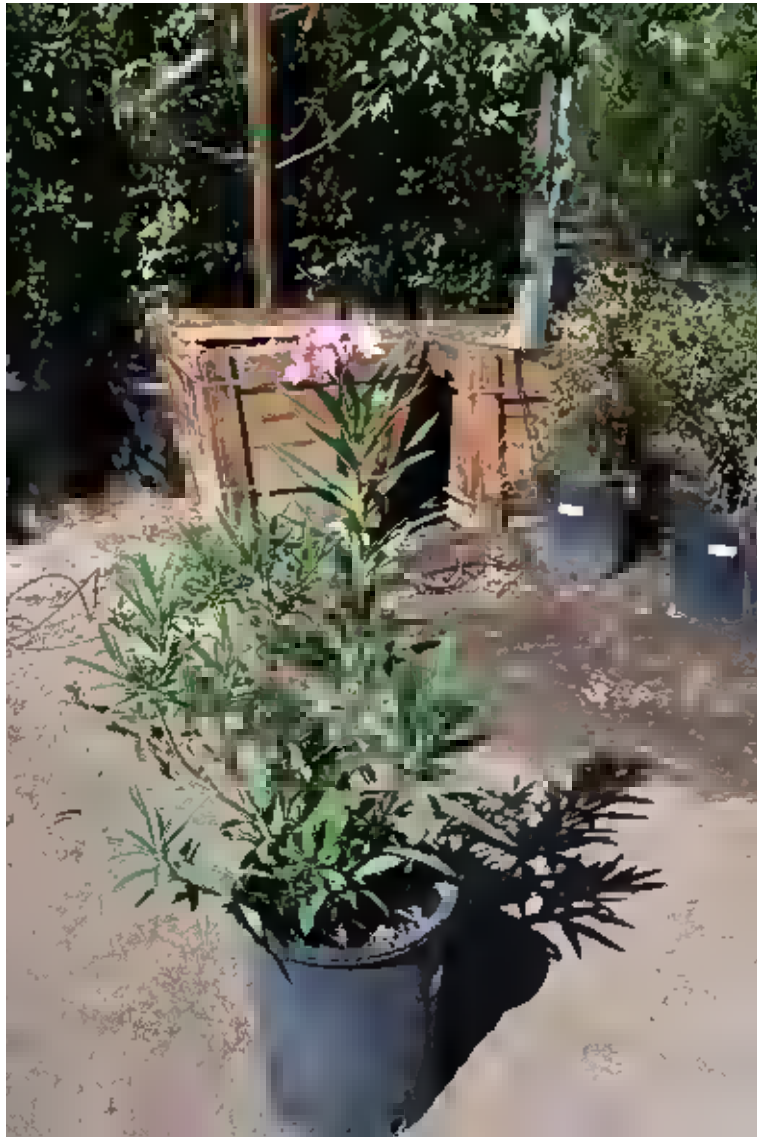
GALLONS REQUIRED PER DAY BASED ON CANOPY AREA

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>Nerium oleander 'light pink'</i>
Common Name	Light Pink Oleander
Type	Shrub
Exposure	Full Sun
Width	15 ft
Height	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

Light Pink Oleander

Nerium oleander 'light pink'

0.40

Mature Size

Light Pink Oleander

Nerium oleander 'light pink'

height 15' width 15'

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	
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>Nolina microcarpa</i>
Common Name	Bear grass
Type	Perennial Shrub
Exposure	Full Sun / Partial Sun
Width	5 ft
Height	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

Bear grass

Nolina microcarpa

0.20

Bear grass

Nolina microcarpa

height 4' 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	
		Monthly	daily	daily	daily	Canopy Area
				(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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Latin Name	<i>Nolina nelsonii</i>
Common Name	Blue Nolina
Type	Perennial Shrub
Exposure	Full Sun / Partial Sun
Width	4 ft
Height	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

Blue Nolina

Nolina nelsonii

0.20

Blue Nolina

Nolina nelsonii

height 4' 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	
		Monthly	daily	daily	daily	Canopy Area
				(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>Olea europaea 'Wilsoni'</i> <i>Natural</i>
Common Name	Wilson Olive - Natural
Type	Tree / Shrub - Evergreen
Exposure	Full Sun / Partial Sun
Width	25 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 ET_o - Las Vegas, NV

WUCOLS IV - LOW WATER USE COEFFICIENT

Wilson Olive - Natural

Olea europaea 'Wilsoni' Natural

0.20

Wilson Olive - Natural

Olea europaea 'Wilsoni' Natural

height 20'

width 25'

light na

water reqt. low

foliage evergreen



		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	28	30
		Avg	Avg.	Req't	Req't	12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706
		Monthly	daily	daily	daily	GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													



Botanical Name	<i>Opuntia acanthocarpa</i>
Common Name	Buck-Horn Cholla
Type	Shrub / Succulent
Exposure	Full Sun / Partial Sun
Width	2 - 6 ft
Height	2 - 6 ft
Region	High & 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

WUCOLS IV - VERY LOW WATER USE COEFFICIENT

Buck-Horn Cholla

0.10

Opuntia acanthocarpa

Buck-Horn Cholla

Opuntia acanthocarpa



height 6' width 6'

light full sun

water reqt. very low

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	
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>Opuntia basilaris</i> - v. <i>basilaris</i>
Common Name	Beavertail pricklypear
Type	Shrub / Succulent
Exposure	Full Sun
Width	4 ft
Height	1 ft
Region	High & Intermediate Desert 5
Water Use Category	Very Low

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

Based on Historical ET₀ - Las Vegas, NV

WUCOLS IV - VERY LOW WATER USE COEFFICIENT

Beavertail pricklypear

0.10

Opuntia basilaris v. basilaris

Beavertail pricklypear

Opuntia basilaris - v. basilaris

height 1' width 4'

light full sun

water reqt. Very low

foliage evergreen



		Las Vegas	Las Vegas	Las Vegas	Las Vegas	
		ET ₀	ET ₀	Ornamental	Ornamental	
		Avg	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	Canopy Area
				(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>Orocereus celsianus</i>
Common Name	Old Man of the Andes
Type	Shrub / Cactus
Exposure	Full Sun
Width	2 ft
Height	6 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

Old Man of the Andes

0.20

Orocereus celsianus

Old Man of the Andes

Orocereus celsianus

height 6' width 2'

light full sun / partial 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	
		Monthly	daily	daily	daily	Canopy Area
				(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>Parkinsonia microphylla</i> (<i>Cercidium</i>)
Common Name	Little Leaf Palo Verde
Type	Tree
Exposure	Full Sun
Width	30 ft
Height	30 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*

Little Leaf Palo Verde

0.20

Parkinsonia microphylla (Cercidium)

*WUCOLS deems this plant inappropriate for the region

Little Leaf Palo Verde

Parkinsonia microphylla (Cercidium)

height 30' width 30'

light na

water req't. low

foliage deciduous



		Las Vegas	Las Vegas	Las Vegas	Las Vegas																
		ET ₀	ET ₀	Ornamental	Ornamental	Diameter of Canopy (in feet)															
		Avg	Avg.	Req't	Req't	4	6	8	10	12	14	16	18	20	22	24	26	28	30		
		Monthly	daily	daily	daily	12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706		
				(inches)	gal/ft ²	Canopy Area		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
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	0.28	0.63	1.12	1.75	2.5	3.4	4.5	5.7	7.0	8.5	10.1	11.9	13.7	15.8		

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Botanical Name	<i>Parkinsonia x Desert Museum (Cercidium)</i>
Common Name	Desert Museum Palo Verde
Type	Tree / Semi Deciduous
Exposure	Full Sun
Width	25 ft
Height	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*

Desert Museum Palo Verde 0.20

Parkisonia x Desert Museum (Cercidium)

*WUCOLS does not provide a coefficient for this plant

Desert Museum Palo Verde

Parkisonia x Desert Museum (Cercidium)

height 25'

width 25'

light na

water reqt. low

foliage semi 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	28	30
		Avg	Avg	Req't	Req't			12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706
		Monthly	daily	daily	daily			GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
				(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>Parkinsonia x florida (Cercidium)</i>
Common Name	Blue Palo Verde
Type	Tree / Shrub - Evergreen
Exposure	Full Sun / Partial Sun
Width	15 - 30 ft
Height	15 - 30 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 Palo Verde

0.20

Parkisonia x florida (Cercidium)

*WUCOLS does not provide a coefficient for this plant

Blue Palo Verde

Parkisonia x florida (Cercidium)

height 30'

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	28	30		
		Avg	Avg.	Req't	Req't	12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706		
		Monthly	daily	daily	daily	Canopy Area		GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
				(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>Pennisetum x advena 'Rubrum'</i>
Common Name	Red Fountain Grass
Type	Ornamental Grass
Exposure	Full Sun
Width	3 ft
Height	4 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 Fountain Grass

Pennisetum x advena 'Rubrum'

0.40

Red Fountain Grass

Pennisetum x advena 'Rubrum'

height 4' width 3'

light full sun

water reqt. moderate

foliage semi deciduous



		Las Vegas	Las Vegas	Las Vegas	Las Vegas	
		ET ₀	ET ₀	Ornamental	Ornamental	
		Avg.	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	Canopy Area
				(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>Perovskia atriplicifolia</i>
Common Name	Russian Sage
Type	Perennial Shrub
Exposure	Full Sun / Partial Sun
Width	1 - 2 ft
Height	2 - 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

Russian Sage

Perovskia atriplicifolia

0.20

Russian Sage

Perovskia atriplicifolia

height 3' 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	
		Monthly	daily	daily	daily	Canopy Area
				(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>Phlomis lanata</i>
Common Name	Jerusalem Sage
Type	Perennial
Exposure	Full Sun / Partial Sun
Width	4 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 ET₀ - Las Vegas, NV

SNWA - LOW WATER USE COEFFICIENT*

Jerusalem Sage

0.20

Phlomis lanata

*WUCOLS does not list a coefficient for this plant

		Las Vegas	Las Vegas	Las Vegas	Las Vegas	
		ET ₀	ET ₀	Ornamental	Ornamental	
		Avg.	Avg.	Req't	Req't	
		Monthly	daily	daily	daily	Canopy Area
				(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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Jerusalem Sage

Phlomis lanata

height 3' 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	





Botanical Name	<i>Phoenix Canariensis</i>
Common Name	Canary Island Date Palm
Type	Tree / Palm-Cycad
Exposure	Full Sun / Partial Sun
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 ETo - Las Vegas, NV

WUCOLS IV - MODERATE WATER USE COEFFICIENT

Canary Island Date Palm

0.40

Phoenix canariensis

Canary Island Date Palm

Phoenix Canariensis



height 40'

width 30'

light na

water reqt. moderate

foliage evergreen

				Diameter of Canopy (in feet)																	
		Las Vegas	Las Vegas	Las Vegas	Las Vegas			4	6	8	10	12	14	16	18	20	22	24	26	28	30
		ET ₀	ET ₀	Ornamental	Ornamental			12.56	28	50.2	78.5	113	154	201	254	314	380	452	531	615	706
		Avg	Avg.	Req't	Req't			GALLONS REQUIRED PER DAY BASED ON CANOPY AREA													
		Monthly	daily	daily	daily																
				(inches)	gal/ft ²																
31	Mar	4.99	0.1610	0.0644	0.040	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
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>Phoenix dactylifera</i>
Common Name	Date Palm
Type	Tree / Palm - Cycad
Exposure	Full Sun / Partial Sun
Width	20 - 40 ft
Height	50 - 80 ft
Region	High & Intermediate Desert 5
Water Use Category	Moderate