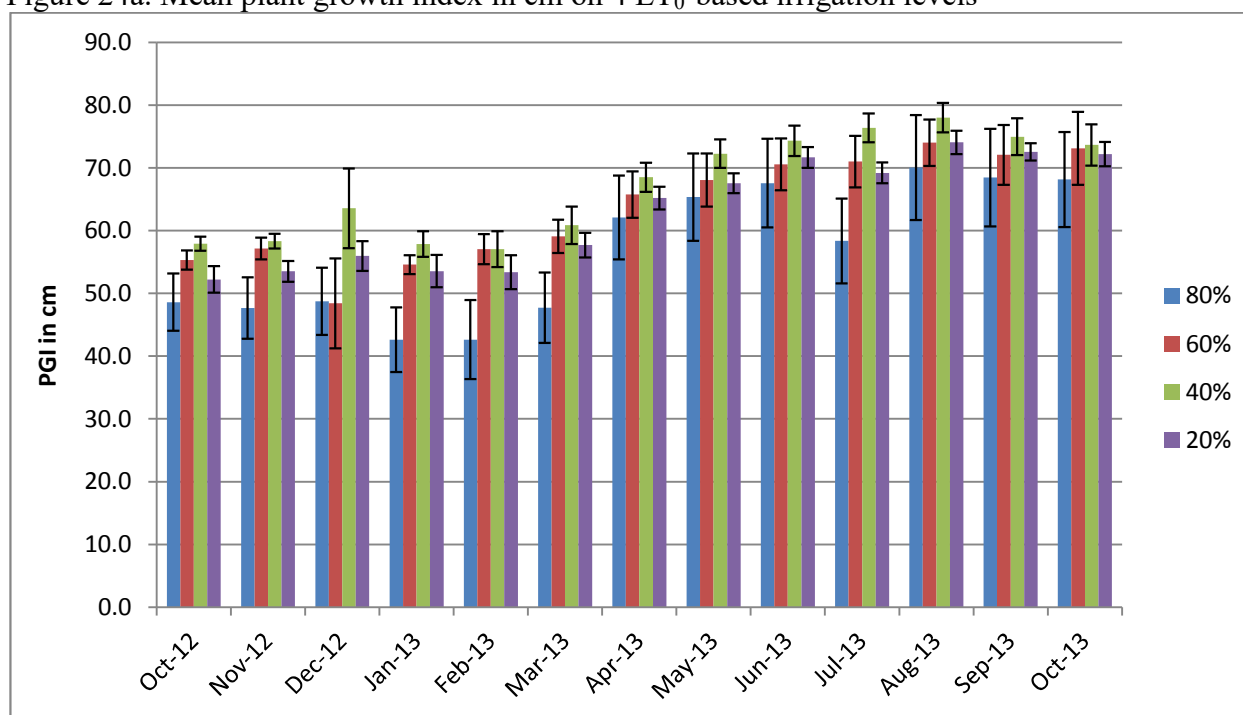


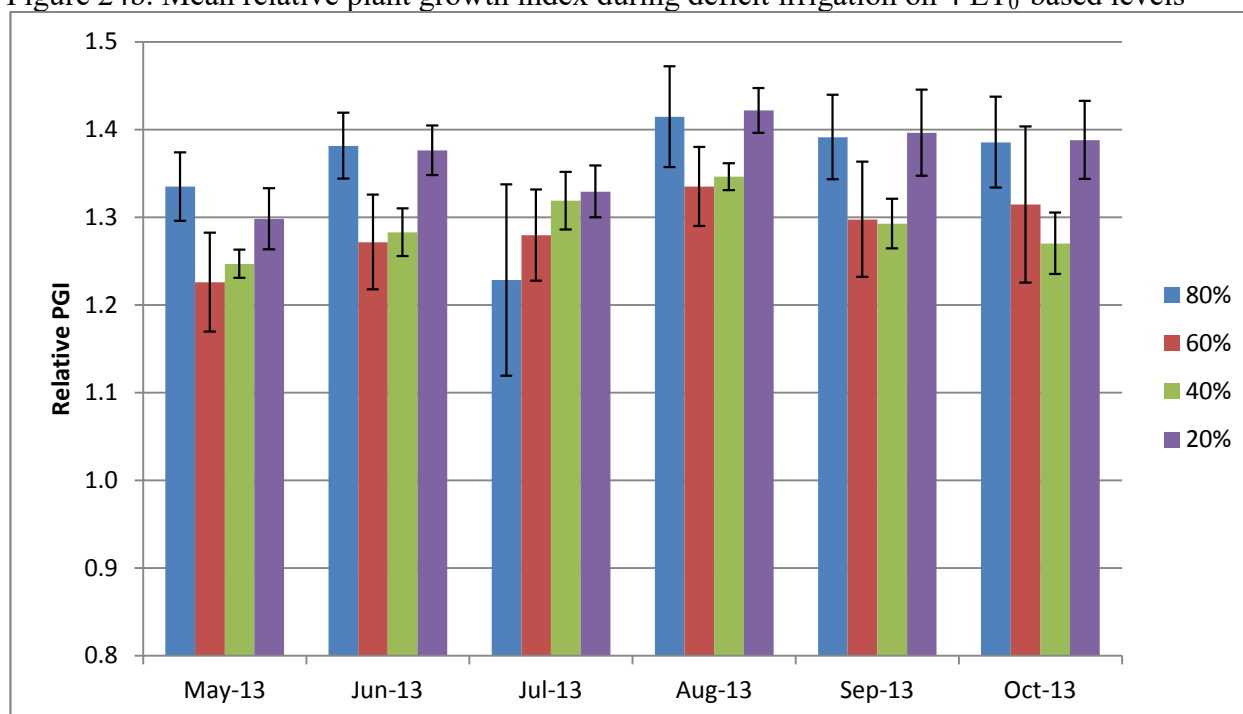
Delosperma cooperi

Figure 24a. Mean plant growth index in cm on 4 ET₀-based irrigation levels



Error bars represent ± 1 SE

Figure 24b. Mean relative plant growth index during deficit irrigation on 4 ET₀-based levels



Error bars represent ± 1 SE

Table 15. Mean quality ratings in 6 categories on 4 ET₀-based irrigation levels

Delosperma cooperi														
foliage		OCT	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	AVG
	80%	5.0	4.4	3.1	4.3	4.8	5.0	4.8	4.9	4.8	4.8	4.4	4.1	4.5
	60%	5.0	4.6	2.6	2.6	3.6	4.4	4.4	4.4	4.6	4.6	3.8	4.4	4.1
	40%	5.0	4.5	3.3	3.3	4.8	5.0	5.0	4.7	4.3	4.2	4.0	4.0	4.3
	20%	4.6	4.8	2.8	4.0	4.6	5.0	5.0	5.0	5.0	5.0	4.6	4.4	4.6
flowering														
	80%	2.6	1.4			1.0	4.6	4.9	4.8	3.1	2.0	2.4	2.5	2.9
	60%	3.0	1.6			1.0	3.7	4.4	4.4	2.6	2.0	1.8	1.5	2.6
	40%	3.2	1.3			1.0	5.0	5.0	4.7	2.2	1.8	3.0	1.2	2.8
	20%	2.4	1.0			1.0	5.0	5.0	5.0	2.6	1.8	1.2	1.4	2.6
pest tolerance														
	80%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	60%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	40%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	20%	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
disease resistance														
	80%	5.0	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	60%	5.0	4.8	5.0	5.0	4.2	5.0	4.6	4.4	4.4	5.0	4.2	5.0	4.7
	40%	5.0	4.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	20%	4.6	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
vigor														
	80%	4.1	3.9	3.4	4.0	4.0	4.3	4.3	4.3	4.3	4.3	4.3	4.0	4.1
	60%	4.8	5.0	4.2	4.0	3.8	4.0	4.2	4.4	4.0	4.2	4.2	3.8	4.2
	40%	4.8	4.8	4.3	4.8	5.0	5.0	5.0	4.7	4.5	4.3	4.2	3.8	4.6
	20%	4.2	4.8	4.8	4.2	4.6	5.0	5.0	5.0	4.8	5.0	5.0	5.0	4.8
overall appearance														
	80%	4.1	3.3	2.1	2.6	3.6	5.0	4.8	4.6	4.1	4.1	4.0	3.5	3.8
	60%	4.8	4.2	2.2	2.5	3.0	4.0	4.2	4.4	3.9	3.8	3.4	3.2	3.6
	40%	4.5	3.7	2.6	2.5	3.8	5.0	5.0	4.7	3.8	3.3	3.7	2.6	3.8
	20%	4.2	3.8	2.4	2.6	3.7	5.0	5.0	5.0	4.2	4.4	4.0	3.2	4.0

Table 16. Master Gardener average annual quality ratings and 2-year growth for *Delosperma cooperi*

COUNTY	Alameda	Nevada	SD- inland	San Joaquin	Shasta	Ventura
Sunset Zone	9	7	21/23	14	9	21
foliage	4.3	3.7	4.2	2.4	2.8	3.6
flower	2.9	3.4	2.6	1.5	3.0	1.6
bloom period	Mar-Dec	Jun-Aug	Mar-Dec	Jan-Nov	May-Jun*	all year
pest tolerance	5.0	5.0	5.0	4.4	5.0	5.0
disease resistance	5.0	5.0	5.0	4.8	5.0	5.0
vigor	3.9	3.8	4.5	2.2	2.7	3.5
overall appearance	3.7	3.5	4.1	2.3	2.8	2.9
MSMTS						
relative PGI	2.6	1.9	4.9	1.1	1.8	3.1
avg ht (cm)	10	13	14	8	8	10
avg wd (cm)	73	47	134	20	34	80
AVG HT (in)	4	5	5	3	3	4
AVG WD (in)	29	18	53	8	14	31

*flowered the first year only; damaged by frost and did not recover fully