

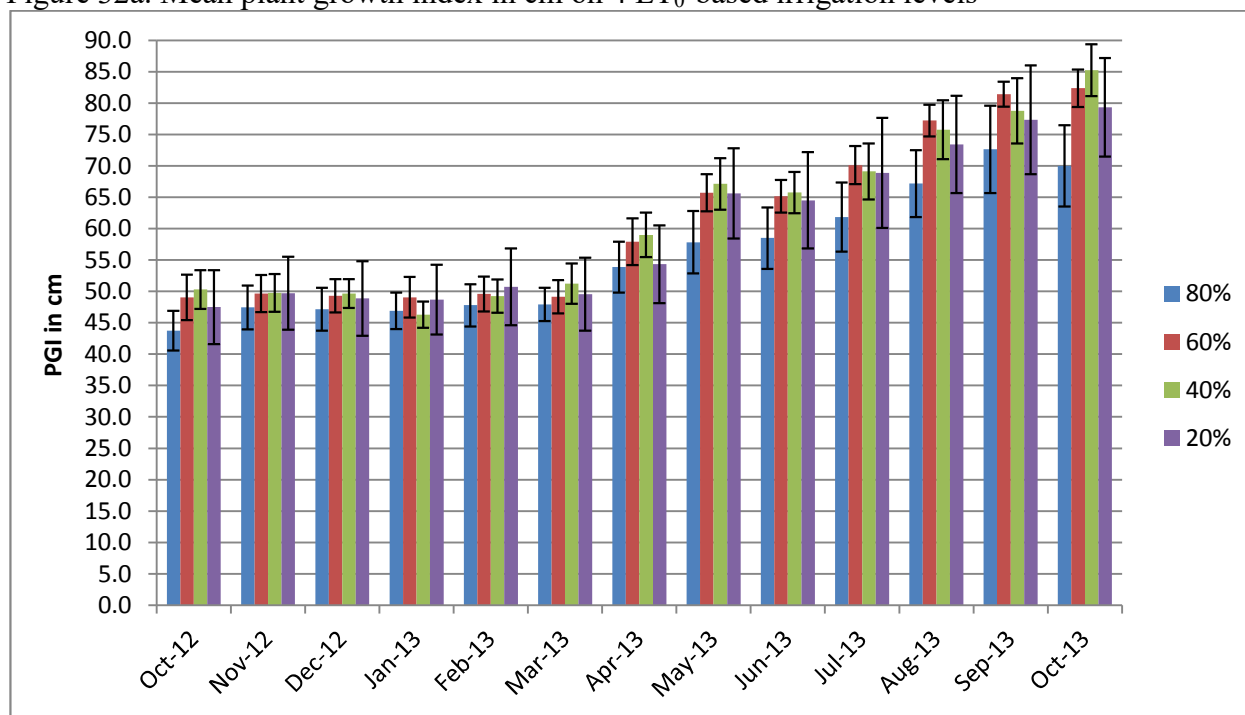
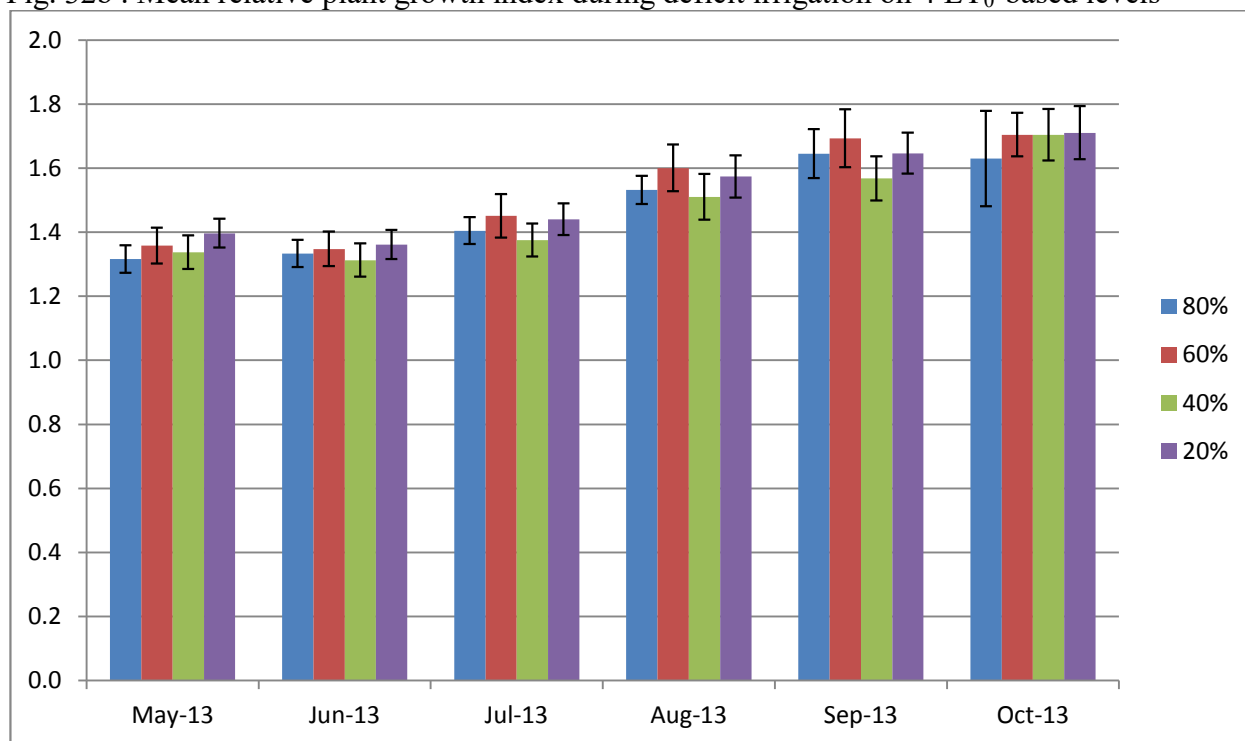
Figure 32a. Mean plant growth index in cm on 4 ET₀-based irrigation levelsError bars represent ± 1 SEFig. 32b . Mean relative plant growth index during deficit irrigation on 4 ET₀-based levelsError bars represent ± 1 SE

Table 27. Mean quality ratings in 6 categories on 4 ET₀-based irrigation levels

Berberis aquifolium 'Compacta'														
foliage		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	AVG
	80%	4.0	4.5	4.3	4.9	4.7	4.7	2.5	2.9	3.8	4.8	4.8	4.6	4.2
	60%	4.4	5.0	4.3	4.5	4.7	4.7	2.6	3.1	4.3	4.3	5.0	4.5	4.3
	40%	4.0	4.8	4.8	4.8	5.0	5.0	2.9	3.7	4.1	5.0	5.0	4.6	4.5
	20%	4.4	4.8	4.7	4.2	4.8	5.0	2.8	3.0	4.5	5.0	5.0	4.8	4.4
	flowering													
	80%						2.4							2.4
	60%						1.3		1.0					1.3
	40%						1.0							1.0
	20%					2.0	2.3							2.3
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	4.7	5.0	5.0	5.0
	40%	5.0	5.0	5.0	5.0	5.0	5.0	4.5	5.0	5.0	5.0	5.0	4.8	4.9
	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	5.0	4.7	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	4.8	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
vigor														
	80%	3.2	3.6	3.3	3.3	3.5	3.7	3.6	3.4	3.8	4.3	3.9	3.9	3.6
	60%	3.6	3.4	3.3	3.7	3.6	3.8	3.8	3.8	4.2	3.7	4.5	4.2	3.8
	40%	4.0	3.6	3.8	3.4	3.3	4.0	3.5	3.8	4.8	4.6	4.8	4.6	4.0
	20%	3.8	3.8	3.7	3.9	3.8	3.7	4.1	3.7	4.3	4.5	4.4	4.6	4.0
overall appearance														
	80%	3.3	3.4	3.2	3.6	3.5	4.0	3.1	3.1	3.6	4.3	4.2	4.2	3.6
	60%	3.6	3.5	3.3	4.1	3.8	3.9	3.1	3.6	4.2	4.0	4.7	4.3	3.8
	40%	4.0	3.4	3.4	3.9	3.8	4.0	3.3	3.8	4.4	4.9	4.6	4.4	4.0
	20%	3.7	3.8	3.1	3.8	3.9	3.8	3.1	3.2	4.3	4.5	4.6	4.3	3.8

Table 28. Master Gardener average annual quality ratings and 2-year growth for *Berberis aquifolium* ‘Compacta’

COUNTY	LA	Mariposa	Orange	SD Inland	SD Coastal	Shasta	Ventura
Sunset Zone	21	7	23	21/23	24	9	21
foliage	4.3	4.1	3.6	3.3	3.3	2.8	3.9
flower	3.0	3.0	0.9	1.3	1.2	3.0	1.0
bloom period	Feb	Apr	Apr	Mar	Mar-Apr	Apr	Feb-Mar
pest tolerance	4.3	4.2	4.4	3.2	4.4	4.5	5.0
disease resistance	4.8	4.4	4.5	3.7	4.7	4.4	5.0
vigor	3.9	4.3	3.5	3.4	3.2	2.3	3.9
overall appearance	4.0	4.1	3.6	3.0	2.8	2.7	3.6
MSMTS							
relative PGI	1.2	1.6	2.1	1.5	1.0	1.5	1.7
avg ht (cm)	34	45	42	40	30	37	45
avg wd (cm)	23	24	13	22	25	22	26
AVG HT (in)	13	18	16	16	12	15	18
AVG WD (in)	9	9	5	9	10	9	10