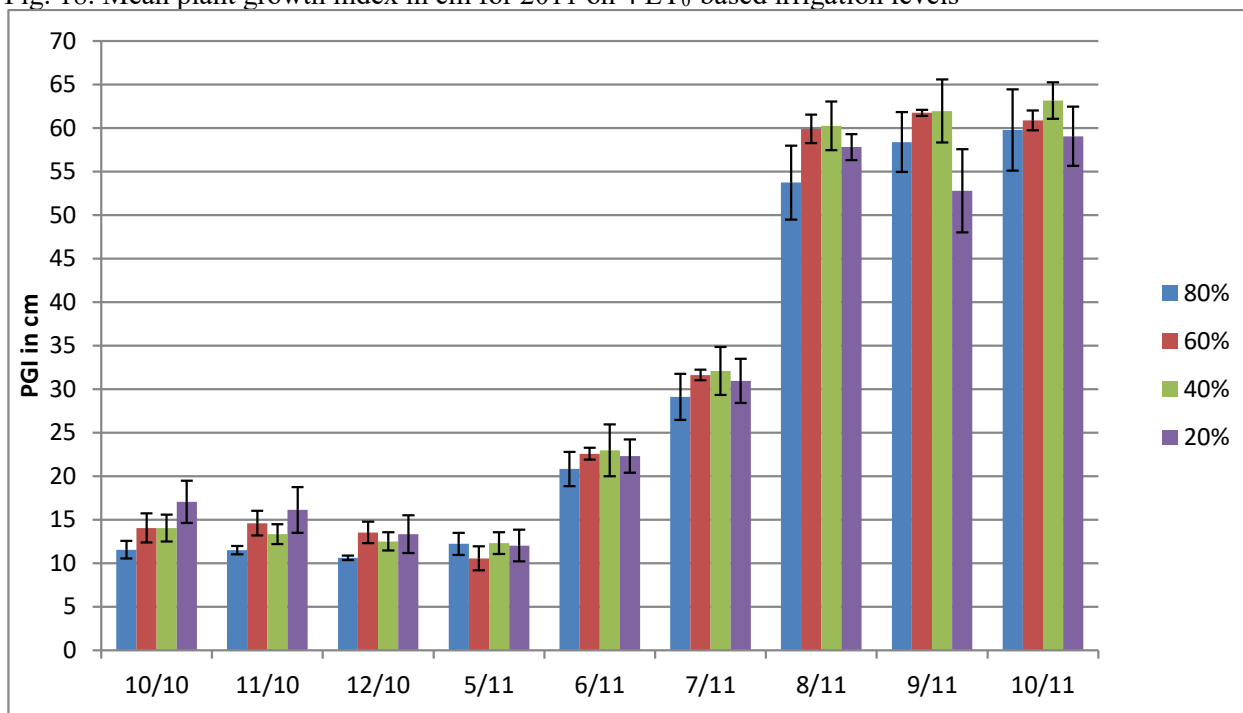


PLANT GROWTH INDEXES AND QUALITY RATINGS

SUN- Arboretum All Stars

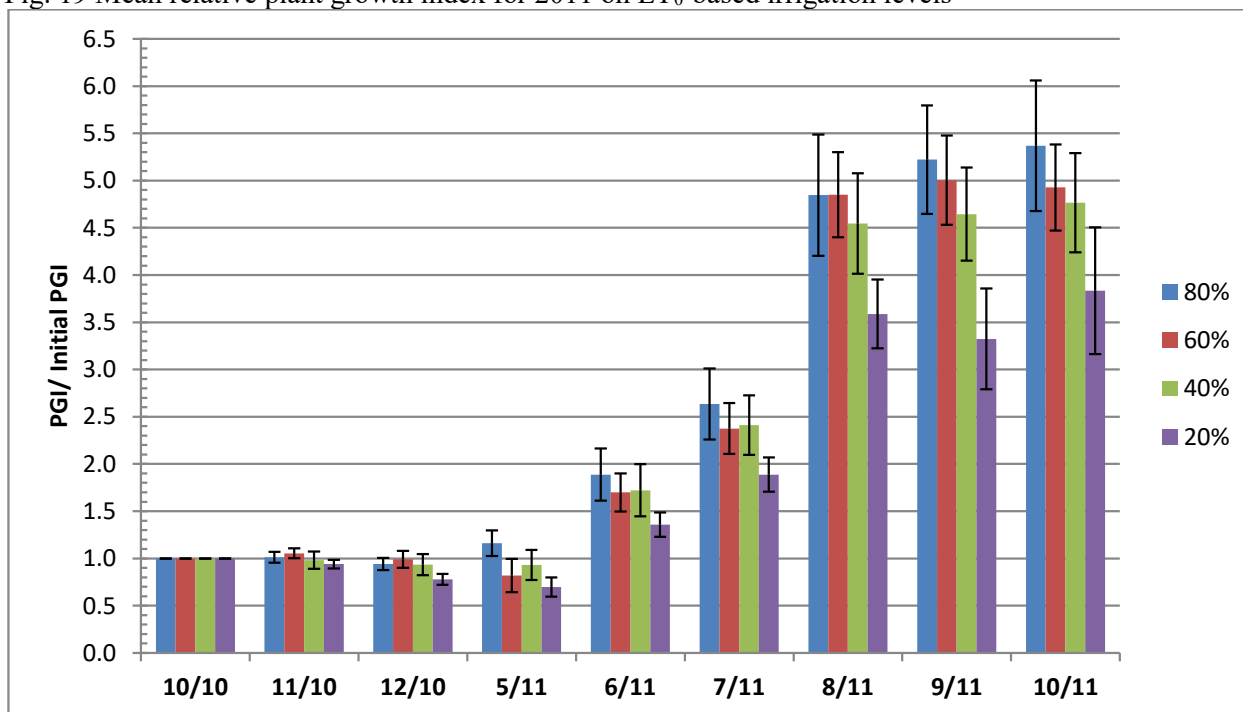
Aster 'Purple Dome'

Fig. 18. Mean plant growth index in cm for 2011 on 4 ET₀-based irrigation levels



Error bars represent ± 1 SE.

Fig. 19 Mean relative plant growth index for 2011 on ET₀-based irrigation levels



Error bars represent ± 1 SE.

Table 6. Mean quality ratings in 6 categories on 4 ET₀-based irrigation levels in 2011

Aster 'Purple Dome'							
foliage	MAY	JUN	JULY	AUG	SEPT	OCT	AVG
80%	4.6	4.3	4.2	4.4	4.4	3.1	4.2
60%	4.5	4.7	4.1	4.8	4.8	3.0	4.3
40%	4.6	4.3	4.3	4.5	4.3	3.2	4.2
20%	4.0	4.7	4.4	4.3	3.2	2.5	3.8
flowering							
80%				1.0	4.3	1.8	2.3
60%				1.0	4.9	1.3	2.4
40%				1.0	4.8	1.8	2.5
20%				1.0	3.2	1.8	2.0
pest tolerance							
80%	4.6	4.3	5.0	5.0	4.4	3.1	4.4
60%	4.5	4.8	5.0	5.0	4.8	3.0	4.5
40%	4.6	4.2	5.0	5.0	4.2	3.1	4.3
20%	3.6	4.7	4.7	5.0	4.6	2.5	4.2
disease resistance							
80%	5.0	5.0	5.0	4.1	5.0	3.5	4.6
60%	5.0	5.0	5.0	5.0	5.0	3.3	4.7
40%	5.0	5.0	5.0	4.5	5.0	3.4	4.7
20%	5.0	5.0	5.0	4.3	3.6	3.0	4.3
vigor							
80%	3.5	4.4	4.1	4.8	4.5	4.0	4.2
60%	2.9	4.8	4.1	4.8	5.0	5.0	4.4
40%	3.5	4.5	4.0	4.8	4.8	4.6	4.4
20%	3.4	4.8	4.4	5.0	3.3	3.8	4.1
overall appearance							
80%	3.5	4.6	4.1	4.5	4.6	3.5	4.1
60%	3.0	4.8	4.2	4.9	5.0	3.4	4.2
40%	3.6	4.5	4.2	4.7	4.8	3.4	4.2
20%	3.6	4.9	4.4	4.5	3.2	2.8	3.9

Table 7. Master Gardener quality average annual quality ratings for *Aster* 'Purple Dome'

Aster 'Purple Dome' average quality ratings over 2 years in 8 Counties								
COUNTY	Alameda	Nevada	Orange	Riverside	San Joaquin	Santa Clara	SD-coastal	Shasta
Sunset Zone	14	7	23	18/19	14	15	24	9
Foliage	3.8	3.8	3.8	2.5	3.4	3.4	3.5	3.9
Flowering	2.8	4.0	3.1	2.0	2.5	3.3	2.8	2.7
Insect Tol	4.7	4.6	4.7	4.9	4.8	4.0	4.4	4.6
Disease Res.	5.0	5.0	5.0	5.0	4.7	5.0	5.0	4.9
Vigor	3.6	3.9	3.9	2.4	3.3	3.3	3.5	3.9
Overall avg.	4.0	4.3	4.1	3.4	3.7	3.8	3.8	4.0
Flowering period/ highest rating	Aug- Sep/ 5.0	Aug- Oct/ 5.0	May- Oct/ 5.0	Aug - Oct/ 3.0	Oct - Dec*/ 4.0	Aug- Oct/ 4.7	May- Sept/ 4.5	July- Sept/ 4.0

*rabbit browsing delayed bloom