

Acacia boormanii

Snowy River Wattle

Chart 1a (on all graphs, error bars represent +/- 1SE)

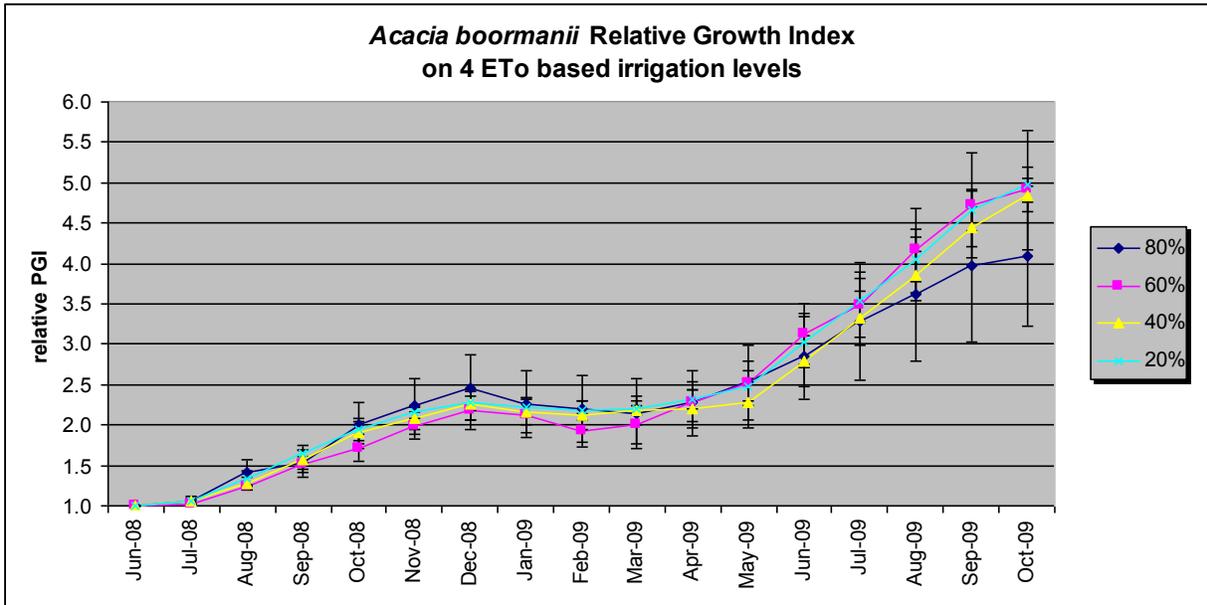
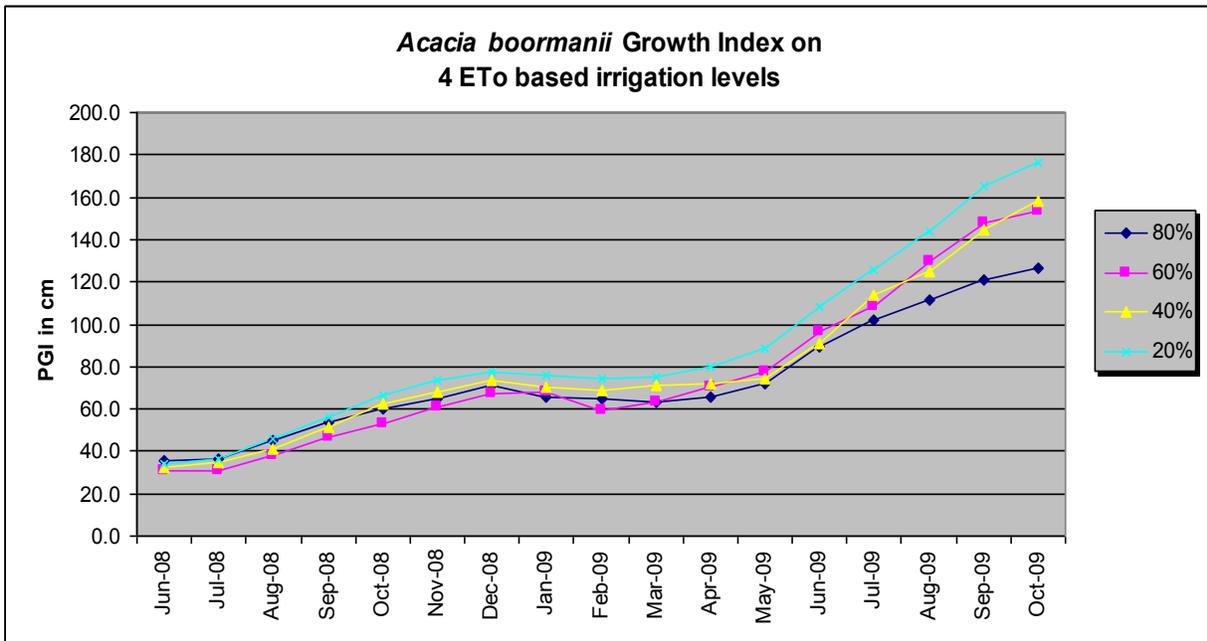


Chart 1b



Interestingly, the largest plants were, on average, provided the lowest irrigation treatment. However, when the measurements were transformed, the relative PGIs for plants receiving 20, 40, and 60% were all extremely close, and the PGI and RPGI of the 80% was affected by 2 small, struggling plants that brought down the averages. As can be seen from the ratings below, the most attractive plants were indeed on the lowest irrigation treatment.

QUALITY RATINGS DURING DEFICIT IRRIGATION

Table 1a (all ratings are based on a 1-5 scale)

SPECIES 1 - <i>Acacia boormanii</i>				
foliage	JUNE	JULY	AUG	SEPT
80%	3.0	3.6	3.4	3.8
60%	4.6	4.4	4.3	5.0
40%	4.5	4.8	4.8	4.5
20%	4.6	5.0	4.8	5.0
vigor				
80%	2.8	3.4	3.4	4.0
60%	4.4	4.3	4.3	4.8
40%	4.3	4.8	5.0	4.8
20%	4.6	5.0	5.0	5.0
average				
80%	2.9	3.5	3.4	3.9
60%	4.4	4.4	4.3	4.9
40%	4.4	4.8	4.9	4.7
20%	4.6	5.0	4.9	5.0

Highest values within 0.1 are bolded

IRRIGATION TRIALS QUALITY COMMENT SUMMARY

1. Foliage had yellowing and some consistent leaf drop from the older parts of the stems both winter and summer, except at lowest ET₀. Values are consistently higher at lower levels of irrigation. Deep irrigation no more than monthly in the summer once established is recommended, and perhaps less frequently in heavy soil.
2. Lowest ET₀ showed reddish tips on new growth, which was quite attractive.
3. Overall a very attractive willowy form at this age.
4. In 2 years, average height and width grew from 13.5" X 12.5" to 56" X 65".

MASTER GARDENERS' YEAR 1 DATA

Table 1b (all ratings are based on a 1-5 scale)

<i>Acacia boormanii</i> Average Annual Quality Ratings for Year 1									
Sunset zone	14	22/23	18/19	14	17	24	21	9	Average
County	Alameda	Orange	Riverside	San Joaquin	Santa Clara	SD-Flbrk	SD- El Cajon	Shasta	
Foliage	2.2	3.1	3.1	3.2	4.1	4.0	4.5	2.8	3.4
Flowering	5				1.1	1			2.4
Pest resistance	5	5	5	5	5	5	5	5	5.0
Disease resistance	4.8	5.0	5.0	5.0	5.0	5.0	4.9	4.7	4.9
Overall vigor	2.0	3.1	3.3	3.5	4.0	4.1	4.4	3.0	3.4
Overall AVG	3.6	4.0	4.1	4.2	4.3	3.8	4.7	3.9	4.1

Chart 1c

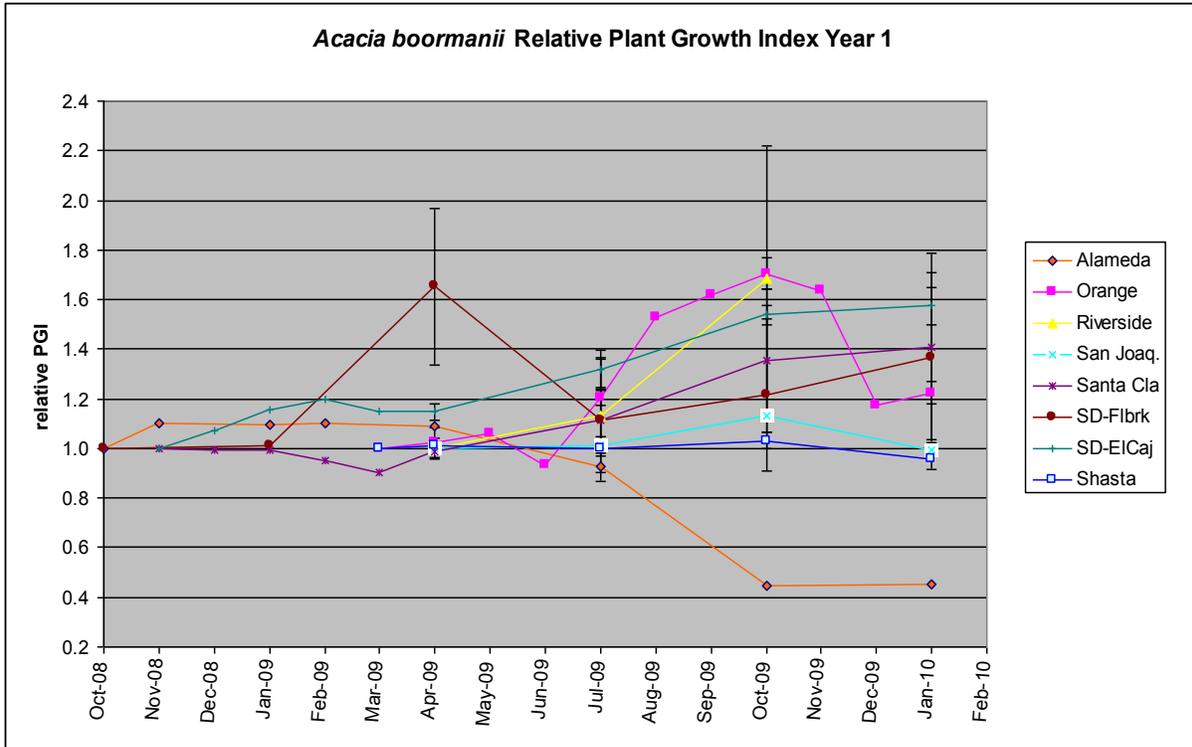
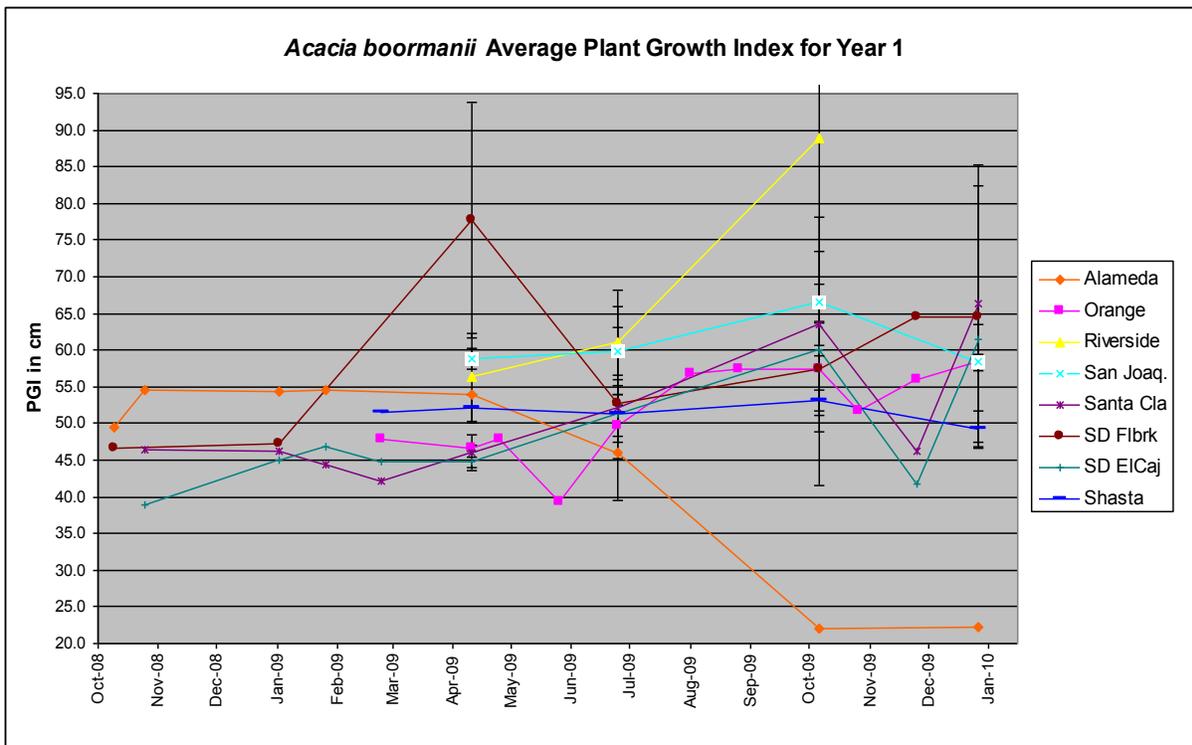
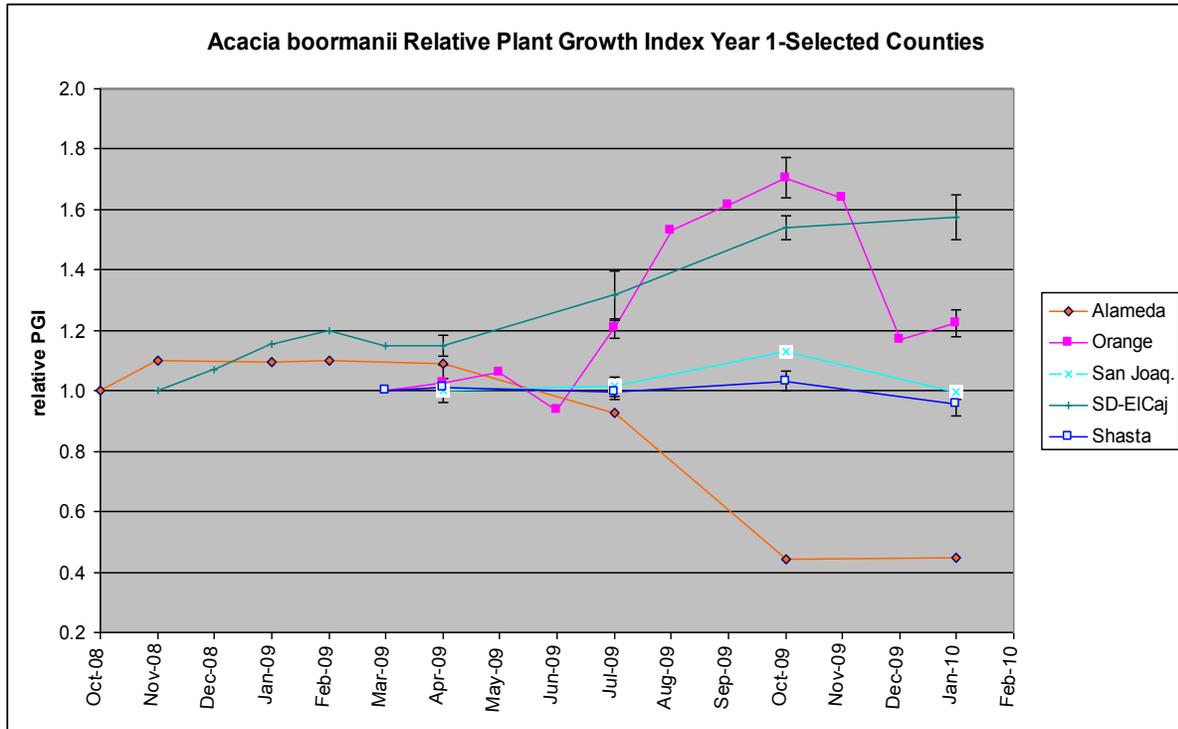


Chart 1d



Following is a representation of selected counties, showing some significant differences between regions during the establishment phase. Note that Alameda County had only 1 plant and therefore no standard error bars appear on those data points.

Chart 1e



MASTER GARDENER COMMENT SUMMARY

1. Most gardens had leaf yellowing and drop during the first months of establishment.
2. As expected, sufficient water was critical during first year.
3. Shasta County suffered severe frost damage this winter, but April's field notes showed it was recovering.
4. Flowering, if it occurred, was not significant the first year.
5. The average height and width at the end of the first year were: 25¼ " X 16½ ".

It will be very interesting to see how the plants perform this second year.