

Table 14. *Ruellia* 'Mayan Purple' average monthly quality ratings (scale of 1-5) on 4 ET<sub>0</sub>-based irrigation treatments in 2016. There were no significant differences between treatments. Different superscripts denote significant difference at  $p \leq 0.05$  using ANOVA and Tukey's HSD.

<b>Foliage</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>July</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>AVG</b>
80%	3.4	4.2	4.0	4.8	4.6	3.4	3.4	4.0
60%	3.4	3.4	3.2	4.4	4.4	4.0	4.2	3.9
40%	3.5	4.0	3.7	4.7	5.0	4.2	4.2	4.2
20%	3.5	3.7	3.3	4.8	4.5	4.2	3.8	4.0
<b>Flowering</b>								
80%		2.0	2.2	2.8	3.0 <sup>ab</sup>	3.8	3.0	2.8
60%		1.5	2.2	3.2	1.6 <sup>a</sup>	4.0	4.5	2.8
40%		1.7	2.3	4.3	4.0 <sup>b</sup>	3.8	4.2	3.4
20%		2.0	2.0	3.5	2.8 <sup>ab</sup>	3.3	3.7	2.9
<b>Pest Tolerance</b>								
80%	3.6	4.6	5.0	5.0	4.8	3.4	3.4	4.3
60%	3.4	4.4	5.0	4.6	4.6	4.2	4.2	4.3
40%	4.2	4.8	5.0	4.8	5.0	4.2	4.0	4.6
20%	3.8	4.7	5.0	4.8	4.5	4.2	3.8	4.4
<b>Disease Resistance</b>								
80%	4.2	4.6	5.0	4.8	4.8	4.8	4.8	4.7
60%	4.4	3.6	5.0	4.6	4.8	5.0	5.0	4.6
40%	4.0	4.5	5.0	4.7	5.0	5.0	5.0	4.7
20%	3.7	3.7	5.0	5.0	5.0	5.0	5.0	4.6
<b>Vigor</b>								
80%	3.0	4.0	3.2 <sup>a</sup>	4.2	4.0	4.8	4.6	4.0
60%	4.6	4.6	3.8 <sup>ab</sup>	4.8	4.2	4.8	5.0	4.5
40%	4.8	4.5	4.7 <sup>b</sup>	5.0	5.0	4.7	4.8	4.8
20%	4.8	4.8	4.3 <sup>ab</sup>	4.8	4.3	5.0	4.7	4.7
<b>Overall Appearance</b>								
80%	2.6	3.4	2.6	4.2	3.4 <sup>a</sup>	3.6	3.4 <sup>a</sup>	3.3
60%	2.8	3.2	3.2	4.4	3.8 <sup>ab</sup>	4.4	4.2 <sup>ab</sup>	3.7
40%	3.0	3.3	3.8	4.8	4.7 <sup>b</sup>	4.5	4.7 <sup>b</sup>	4.1
20%	3.0	3.3	3.5	4.7	4.2 <sup>ab</sup>	4.3	4.2 <sup>ab</sup>	3.9

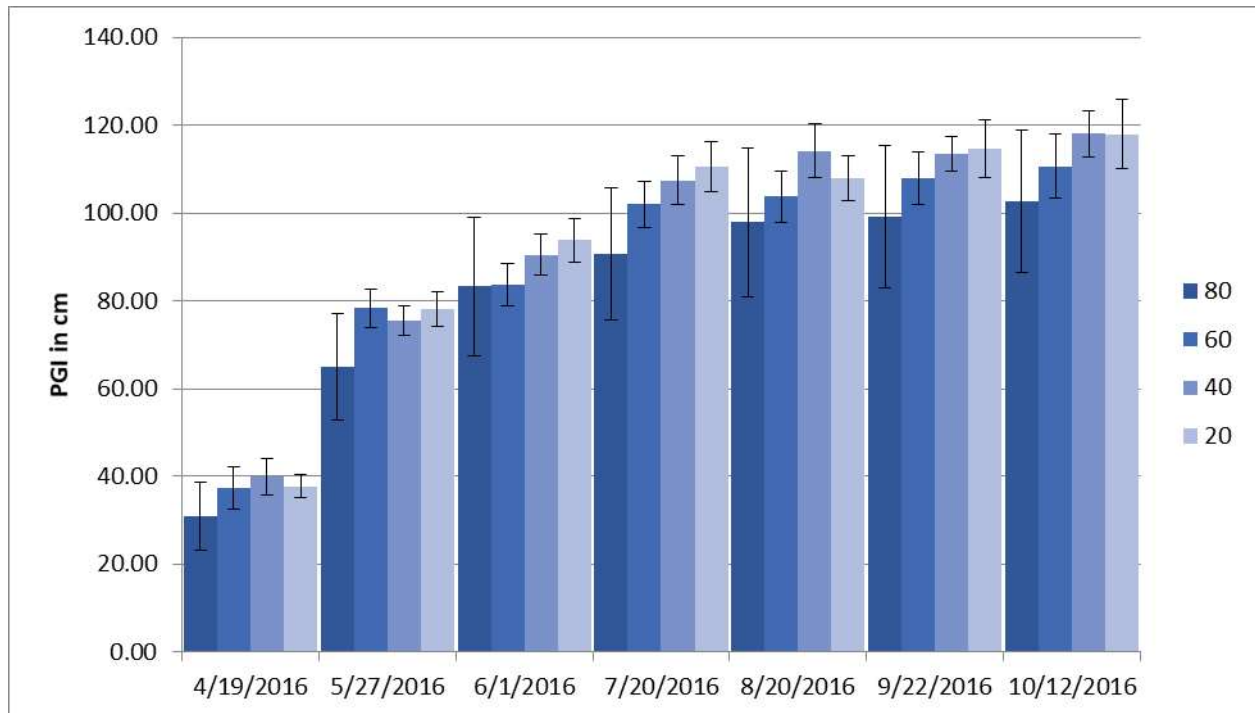


Figure 11d. *Ruellia* 'Mayan Purple' average monthly plant growth index on 4  $ET_0$ -based irrigation levels in 2016. Bars represent  $\pm 1$  SE.

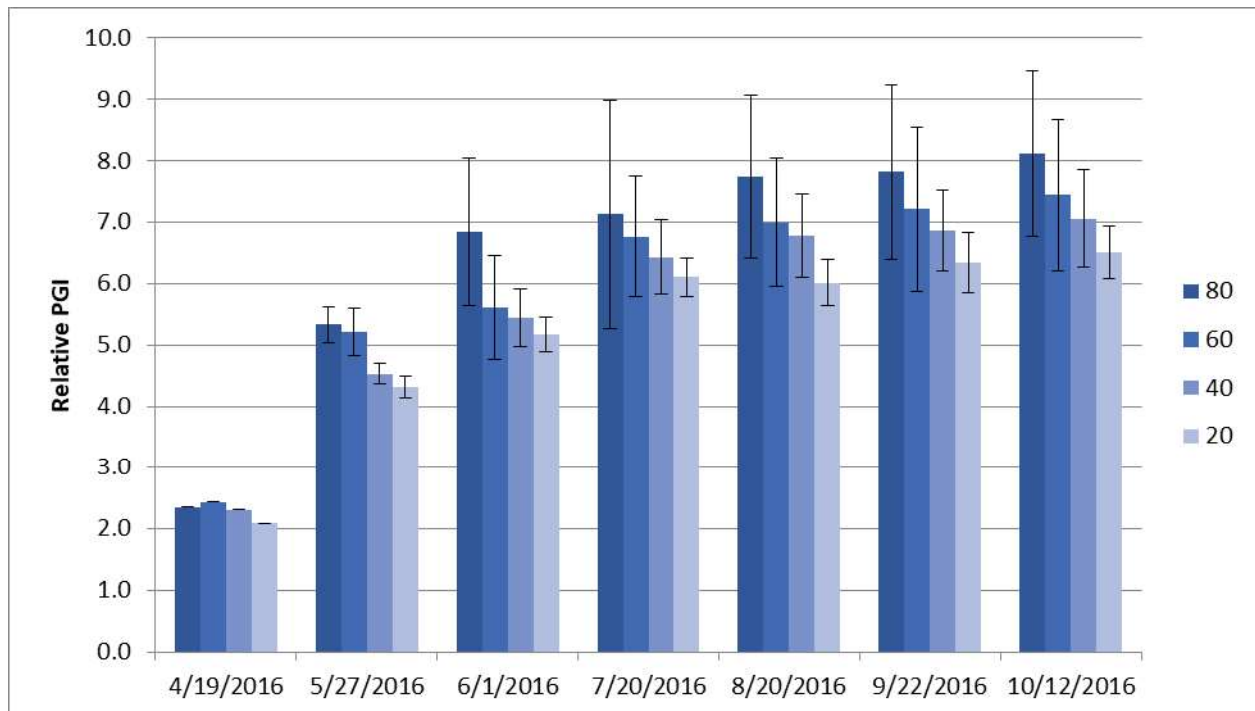


Figure 11e. *Ruellia* 'Mayan Purple' average monthly relative plant growth index on 4  $ET_0$ -based irrigation levels in 2016. Bars represent  $\pm 1$  SE. There were no significant differences between treatments.