

Table 16. *Sambucus* 'Black Tower' average monthly quality ratings (scale of 1-5) on 4 ET<sub>0</sub>-based irrigation levels in 2016. 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%	5.0	4.8	5.0	4.5	3.3	2.3	2.3	3.9
60%	5.0	4.5	5.0	4.3	3.5	2.7	2.0	3.9
40%	5.0	5.0	4.8	4.8	3.4	2.4	2.0	3.9
20%	5.0	4.7	5.0	4.5	3.8	2.7	2.5	4.0
<b>Flowering</b>								
80%		1.0						1.0
60%		1.0						1.0
40%								
20%		1.7						1.7
<b>Pest Tolerance</b>								
80%	5.0	4.8	5.0	5.0	3.3	2.3	2.8 <sup>ab</sup>	4.0
60%	5.0	4.8	5.0	5.0	3.5	2.7	2.5 <sup>b</sup>	4.1
40%	5.0	5.0	5.0	5.0	3.4	2.4	2.6 <sup>b</sup>	4.1
20%	5.0	4.7	5.0	5.0	3.8	3.0	3.5 <sup>a</sup>	4.3
<b>Disease Resistance</b>								
80%	5.0	5.0	5.0	4.7	5.0	4.7	4.8	4.9
60%	5.0	4.8	5.0	4.5	5.0	4.7	5.0	4.9
40%	5.0	5.0	5.0	4.8	5.0	5.0	5.0	5.0
20%	5.0	4.8	5.0	4.7	5.0	4.5	4.8	4.8
<b>Vigor</b>								
80%	4.3	5.0	3.8	4.7	4.0	3.8	3.7	4.2
60%	4.8	4.2	4.2	4.8	4.7	3.3	3.5	4.2
40%	4.8	5.0	4.2	4.8	4.0	4.2	3.8	4.4
20%	4.5	4.5	3.8	4.7	4.3	4.0	3.8	4.2
<b>Overall Appearance</b>								
80%	3.4	4.2	3.8	4.2	3.3	2.8	2.3	3.4
60%	3.8	4.0	4.2	4.2	3.8	2.7	2.2	3.5
40%	3.6	4.2	4.2	4.8	3.6	2.8	2.4	3.7
20%	3.7	3.8	3.8	4.2	3.8	3.0	2.8	3.6

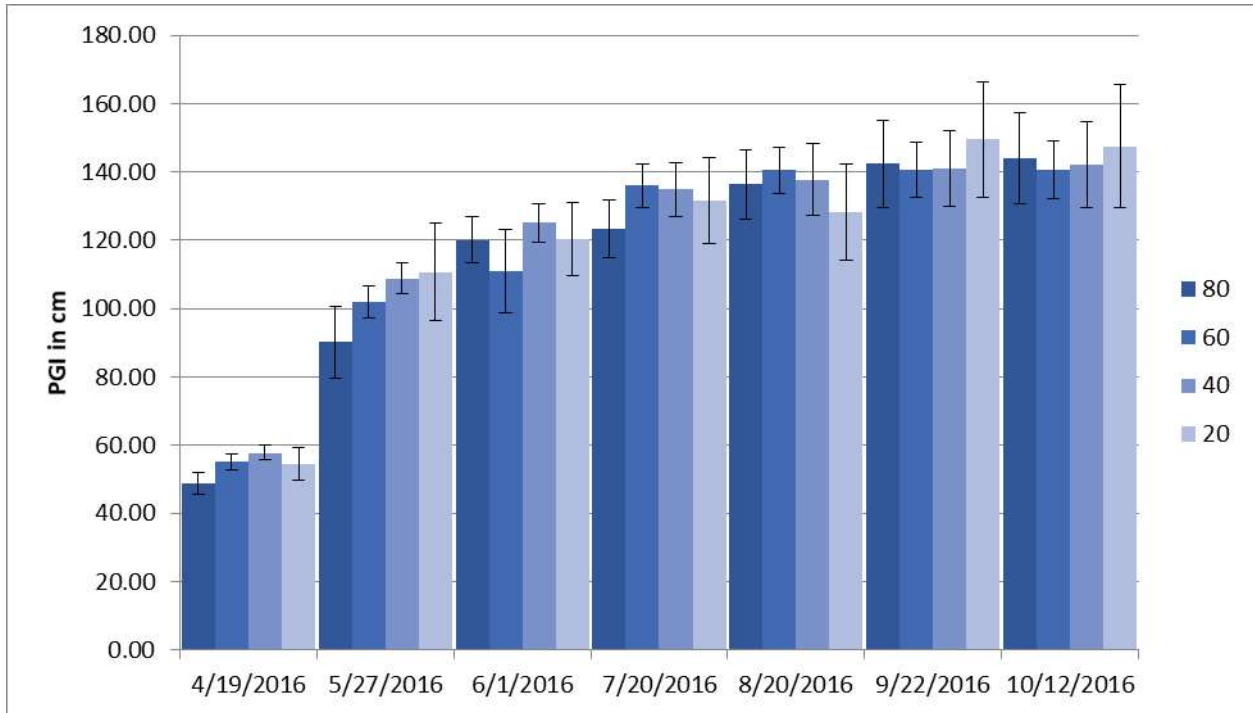


Figure 13d. *Sambucus* 'Black Tower' average monthly plant growth index on 4  $ET_0$ -based irrigation treatments in 2016. Bars represent  $\pm 1$  SE.

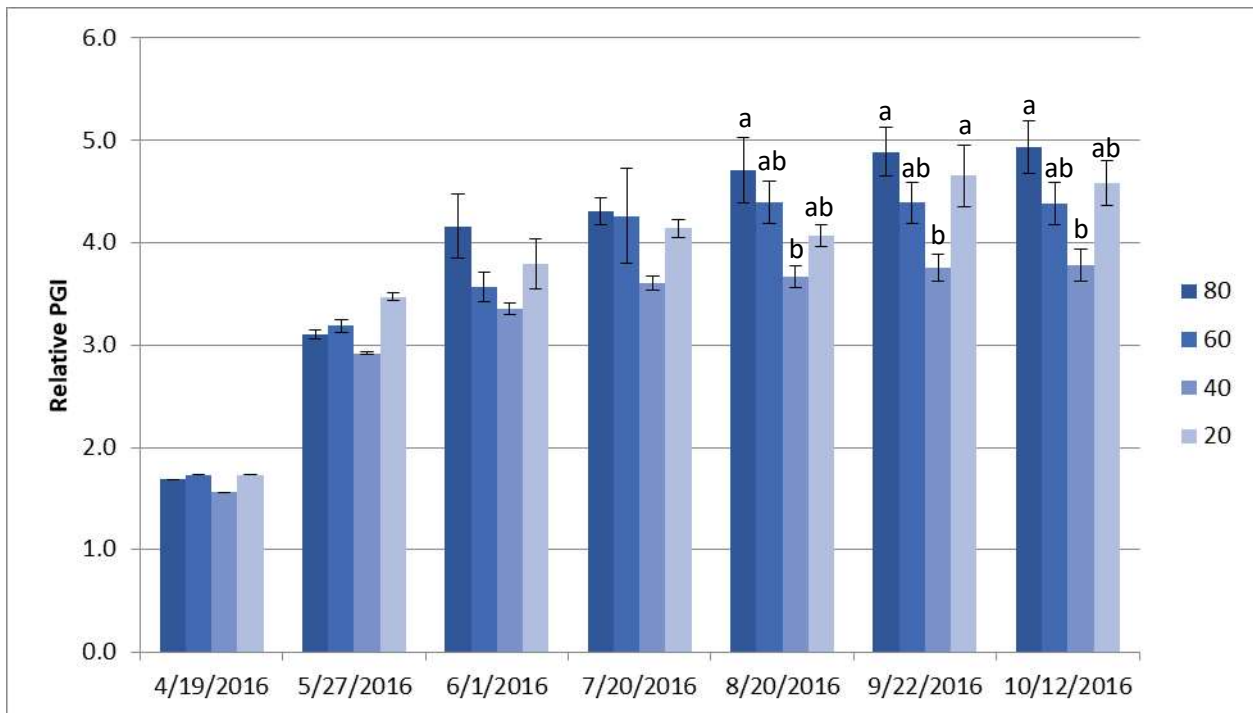


Figure 13e. *Sambucus* 'Black Tower' average monthly relative plant growth index on 4  $ET_0$ -based irrigation treatments in 2016. Bars represent  $\pm 1$  SE. Different letters denote significant difference using ANOVA and Tukey's HSD at  $p \leq 0.05$ .