

Table 24a. *Rhododendron* 'Robleza' Autumn Bonfire™ average monthly quality ratings (scale 1-5, 5 = highest) at UC Davis on 3 ETo-based irrigation levels in 2019.

| Category           | ET <sub>o</sub> % | Apr | May | Jun               | Jul               | Aug              | Sep              | Oct              | AVG              |
|--------------------|-------------------|-----|-----|-------------------|-------------------|------------------|------------------|------------------|------------------|
| Overall Appearance | 80                | 3.6 | 3.8 | 4.0 <sup>a</sup>  | 3.8 <sup>a</sup>  | 4.1 <sup>a</sup> | 4.3 <sup>a</sup> | 3.4 <sup>a</sup> | 3.9 <sup>a</sup> |
|                    | 50                | 3.8 | 3.8 | 3.4 <sup>ab</sup> | 3.8 <sup>a</sup>  | 3.6 <sup>b</sup> | 3.4 <sup>b</sup> | 3.3 <sup>a</sup> | 3.6 <sup>b</sup> |
|                    | 20                | 4.1 | 3.7 | 3.8 <sup>ab</sup> | 3.3 <sup>b</sup>  | 3.5 <sup>b</sup> | 3.2 <sup>b</sup> | 2.0 <sup>b</sup> | 3.4 <sup>b</sup> |
| Foliage            | 80                | 5.0 | 5.0 | 4.9 <sup>a</sup>  | 4.0               | 4.6              | 4.1              | 3.4 <sup>a</sup> | 4.4              |
|                    | 50                | 5.0 | 5.0 | 3.9 <sup>b</sup>  | 4.4               | 4.4              | 3.8              | 3.0 <sup>a</sup> | 4.2              |
|                    | 20                | 4.9 | 5.0 | 4.7 <sup>a</sup>  | 4.1               | 4.1              | 3.7              | 2.0 <sup>b</sup> | 4.1              |
| Flower             | 80                | 1.5 | 0.6 | 0.0               | 0.3               | 0.4              | 1.0              | 0.8              | 0.6              |
|                    | 50                | 1.8 | 0.5 | 0.0               | 0.1               | 0.0              | 0.4              | 0.8              | 0.5              |
|                    | 20                | 2.4 | 0.3 | 0.0               | 0.0               | 0.0              | 0.0              | 0.0              | 0.4              |
| Pest Resistance    | 80                | 5.0 | 5.0 | 5.0               | 5.0               | 5.0              | 5.0              | 5.0              | 5.0              |
|                    | 50                | 5.0 | 5.0 | 5.0               | 5.0               | 5.0              | 5.0              | 5.0              | 5.0              |
|                    | 20                | 5.0 | 5.0 | 5.0               | 5.0               | 5.0              | 5.0              | 5.0              | 5.0              |
| Disease Resistance | 80                | 5.0 | 5.0 | 5.0               | 5.0               | 5.0              | 5.0              | 5.0              | 5.0              |
|                    | 50                | 5.0 | 5.0 | 5.0               | 5.0               | 5.0              | 5.0              | 5.0              | 5.0              |
|                    | 20                | 5.0 | 5.0 | 5.0               | 5.0               | 5.0              | 5.0              | 5.0              | 5.0              |
| Vigor              | 80                | 4.8 | 4.4 | 4.9               | 3.9 <sup>a</sup>  | 4.0 <sup>a</sup> | 4.3 <sup>a</sup> | 4.0 <sup>a</sup> | 4.3 <sup>a</sup> |
|                    | 50                | 4.5 | 4.5 | 4.1               | 3.4 <sup>ab</sup> | 3.1 <sup>b</sup> | 3.4 <sup>b</sup> | 3.9 <sup>a</sup> | 3.8 <sup>b</sup> |
|                    | 20                | 4.7 | 4.1 | 4.6               | 3.1 <sup>b</sup>  | 3.1 <sup>b</sup> | 3.4 <sup>b</sup> | 2.0 <sup>b</sup> | 3.6 <sup>b</sup> |

Table 24b. Open House participant ratings (scale 1-5, 5 = highest) for *Rhododendron* 'Robleza' Autumn Bonfire™ on 3 ETo-based irrigation levels in April, July, and September 2019 at UC Davis.

|                    |                   | Spring |     |     | Summer |     |     | Fall |     |     |
|--------------------|-------------------|--------|-----|-----|--------|-----|-----|------|-----|-----|
|                    | ET <sub>o</sub> % | 80     | 50  | 20  | 80     | 50  | 20  | 80   | 50  | 20  |
| Overall Appearance | Max               | 5      | 5   | 5   | 5      | 5   | 5   | 5    | 5   | 5   |
|                    | Mean              | 3.7    | 3.2 | 3.4 | 3.3    | 3.0 | 2.9 | 3.5  | 3.0 | 2.8 |
|                    | Median            | 4      | 3   | 3   | 3      | 3   | 3   | 4    | 3   | 3   |
|                    | Min               | 2      | 2   | 2   | 0      | 0   | 0   | 2    | 1   | 1   |
| Foliage Quality    | Max               | 5      | 5   | 5   | 5      | 5   | 5   | 5    | 5   | 5   |
|                    | Mean              | 4.2    | 3.9 | 3.8 | 3.8    | 3.6 | 3.4 | 3.7  | 3.5 | 3.3 |
|                    | Median            | 4      | 4   | 4   | 4      | 4   | 3   | 4    | 4   | 3   |
|                    | Min               | 3      | 2   | 2   | 1      | 1   | 1   | 2    | 2   | 2   |
| Floral Display     | Max               | 3      | 5   | 4   | 1      | 1   | 2   | 4    | 2   | 4   |
|                    | Mean              | 0.9    | 1.6 | 1.8 | 0.1    | 0.0 | 0.1 | 1.8  | 0.8 | 0.1 |
|                    | Median            | 1      | 1   | 2   | 0      | 0   | 0   | 2    | 1   | 0   |
|                    | Min               | 0      | 0   | 0   | 0      | 0   | 0   | 0    | 0   | 0   |

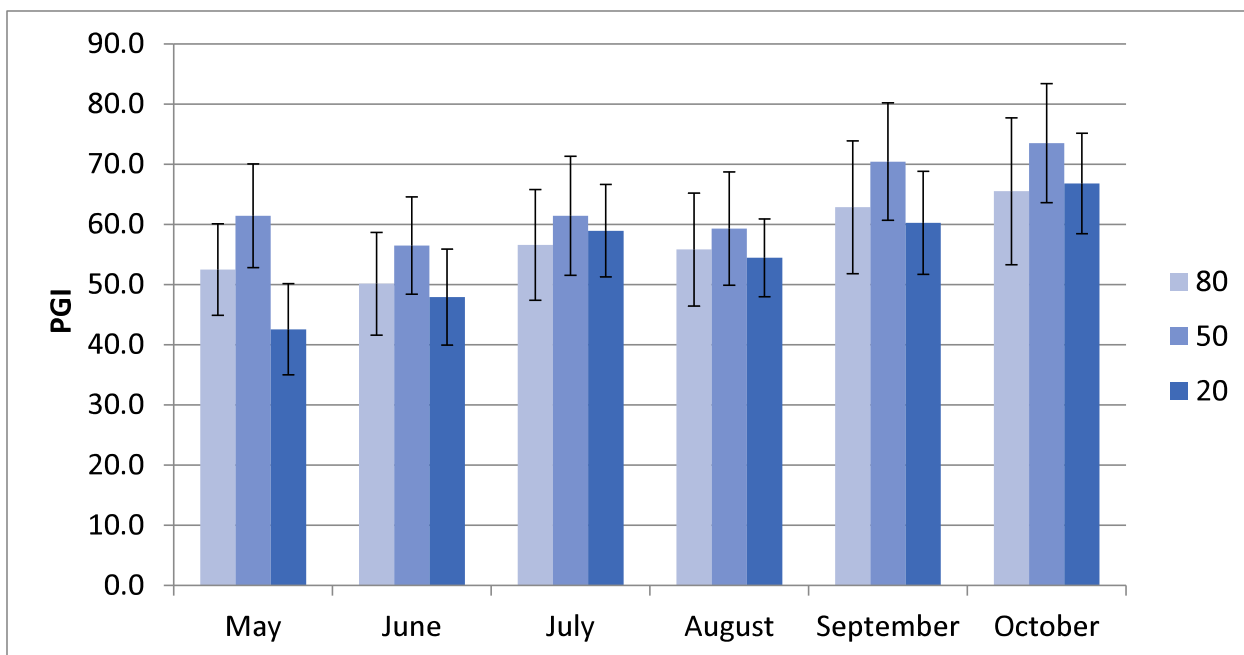


Figure 18a. *Rhododendron* 'Robleza' Autumn Bonfire™ average monthly plant growth index (PGI) at UC Davis in Davis, CA on 3 ETo-based irrigation levels in 2019. Error bars represent  $\pm 1$  SE.

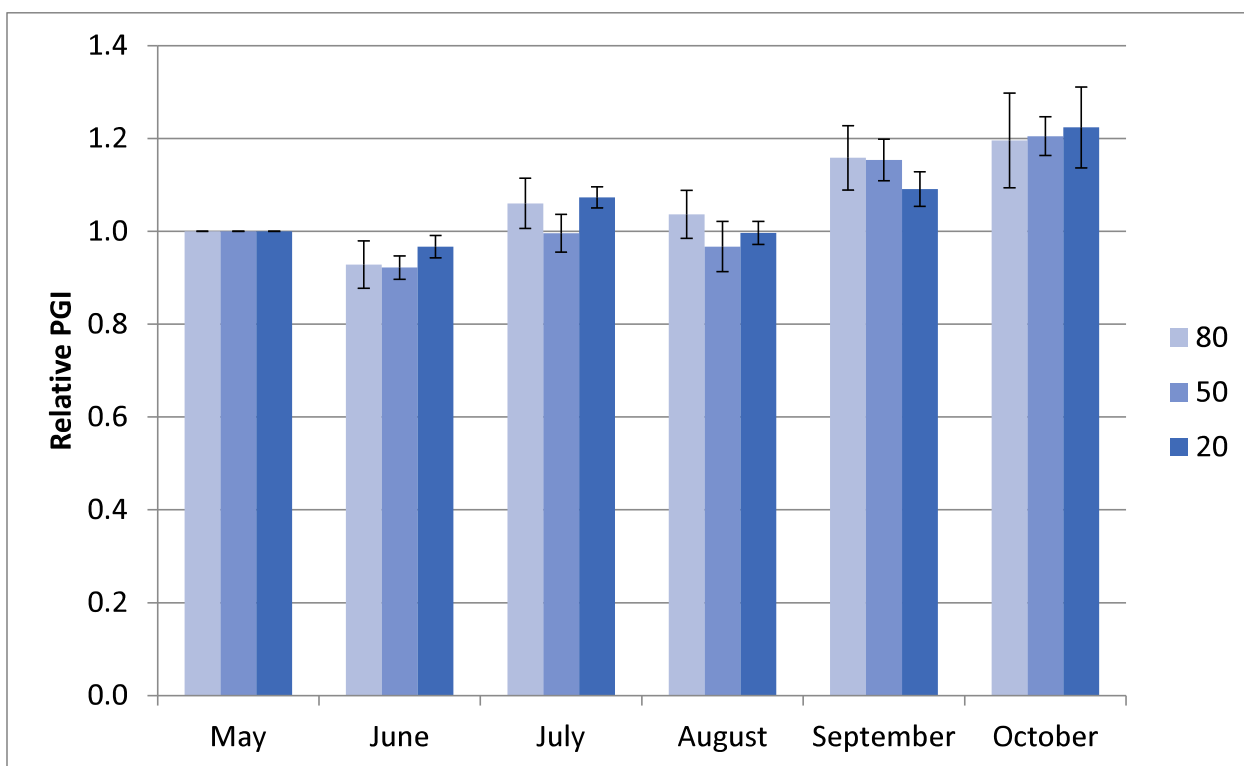


Figure 18b. *Rhododendron* 'Robleza' Autumn Bonfire™ average monthly relative plant growth index (rPGI) at UC Davis on 3 ETo-based irrigation levels in 2019. Error bars represent  $\pm 1$  SE.