Supplementary Material

Table S1. Analysis of variance (ANOVA) for stomatal conductance (gs), photosynthetic (A) and transpiration rate measured on day 12 for three Eucalyptus clones under different water regimes.

(A) Stomatal Conductance (gs)

Source of variation	*df*	*Sum of Squares*	*Mean Square*	*F value*	*Pr (>F)*
Clone	2	0.01082	0.00541	9.881	0.000304 ***
Treatment	2	0.12163	0.06082	111.082	$< 2\times10^{-16}$ ***
Clone × Treatment	4	0.00813	0.00203	3.714	0.011220 *
Residuals	42	0.02299	0.00055	—	—

(B) Photosynthetic Rate (A)

Source of variation	*df*	*Sum of Squares*	*Mean Square*	*F value*	*Pr (>F)*
Clone	*2*	*5.32*	*2.66*	*1.654*	*0.20299*
Treatment	*2*	*208.59*	*104.29*	*64.855*	*7.58×10^{-14} ****
Clone × Treatment	*4*	*24.71*	*6.18*	*3.841*	*0.00921 **
Residuals	*44*	*70.76*	*1.61*	—	—

(C) **Transpiration Rate (E)**

Source of variation	*df*	*Sum of Squares*	*Mean Square*	*F value*	*Pr (>F)*
Clone	*2*	*1.268*	*0.634*	*1.387*	*0.260013*
Treatment	*2*	*7.785*	*3.892*	*8.516*	*0.000714 ****
Clone × Treatment	*4*	*4.891*	*1.223*	*2.675*	*0.043510 **
Residuals	*46*	*21.026*	*0.457*	—	—

*$p < 0.05$ (), **$p < 0.01$ (), ***$p < 0.001$ ().

Table S2. ANOVA for chlorophyll a (Chl a, μmol g^{-1} FW) as a function of Clone, Treatment, and their interaction.

Source of Variation	*df*	*SS*	*MS*	*F*	*p-value*
Clone	2	0.03421	0.017104	1.835	0.188 ns
Treatment	2	0.01435	0.007175	0.770	0.478 ns
Clone × Treatment	4	0.02570	0.006426	0.689	0.609 ns
Residuals	18	0.16778	0.009321	—	—

ns = not significant ($p > 0.05$); * $p \leq 0.05$; ** $p \leq 0.01$; *** $p \leq 0.001$.

Table S3. ANOVA for chlorophyll b (Chl b, μmol g^{-1} FW) as a function of Clone, Treatment, and their interaction.

Source of Variation	*df*	*SS*	*MS*	*F*	*p-value*
Clone	2	0.016023	0.008011	7.288	0.0048 **
Treatment	2	0.003341	0.001671	1.520	0.2455 ns
Clone × Treatment	4	0.001705	0.000426	0.388	0.8145 ns
Residuals	18	0.019786	0.001099	—	—

*ns = not significant ($p > 0.05$); * $p \leq 0.05$; ** $p \leq 0.01$; *** $p \leq 0.001$.

Table S4. ANOVA for proline content (μmol g^{-1} FW) as a function of Clone, Treatment, and their interaction.

Source of Variation	*df*	*SS*	*MS*	*F*	*p-value*
Clone	2	0.02173	0.01086	5.533	0.0271 *
Treatment	2	0.10181	0.05090	25.924	0.00018 ***
Clone × Treatment	4	0.00466	0.00116	0.593	0.6766 ns
Residuals	9	0.01767	0.00196	—	—

*ns = not significant ($p > 0.05$); * $p \leq 0.05$; ** $p \leq 0.01$; *** $p \leq 0.001$.

Table S5. Analysis of variance (ANOVA) for superoxide dismutase (SOD) activity for three *Eucalyptus* clones under different water regimes at 15 days.

Source of variation	*df*	*Sum of Squares*	*Mean Square*	*F value*	*Pr (>F)*
Clone	2	8.47	4.23	7.363	0.004607 **
Treatment	2	71.48	35.74	62.143	8.3×10^{-9} ***
Clone × Treatment	4	23.88	5.97	10.378	0.000154 ***
Residuals	18	10.35	0.58	—	—

*$p < 0.05$ (), **$p < 0.01$ (), ***$p < 0.001$ ().

Table S6. Analysis of variance (ANOVA) for catalase (CAT) activity for three *Eucalyptus* clones under different water regimes at 15 days.

Source of variation	*df*	*Sum of Squares*	*Mean Square*	*F value*	*Pr (>F)*
Clone	2	575.4236	287.7118	593.274	2×10^{-16} ***
Treatment	2	325.2272	162.6136	335.316	5.70×10^{-15} ***
Clone × Treatment	4	119.7819	29.9455	61.749	2.89×10^{-10} ***
Residuals	18	8.7292	0.4850	—	—

*$p < 0.05$ (), **$p < 0.01$ (), ***$p < 0.001$ ().