

Supplementary material

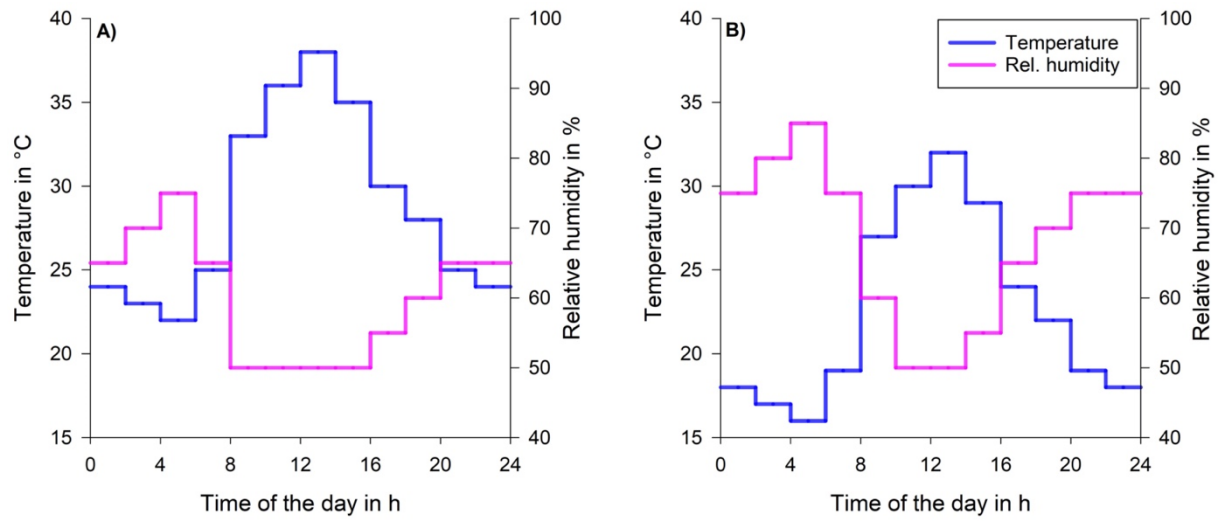


Figure S1. Diurnal variations in temperature (blue lines) and humidity (pink lines) mimicking extreme (A) and mild (B) heat waves at long-day conditions (L:D = 16h:8h) (mild heat waves: $T_{\text{mean}} = 22.6^{\circ}\text{C}$, $T_{\text{max}} = 32.0^{\circ}\text{C}$, $T_{\text{min}} = 16^{\circ}\text{C}$, $\text{RH}_{\text{mean}} = 67.9\%$, $\text{RH}_{\text{max}} = 85.0\%$, $\text{RH}_{\text{min}} = 50.0\%$; extreme heat waves: $T_{\text{mean}} = 28.6^{\circ}\text{C}$; $T_{\text{max}} = 38.0^{\circ}\text{C}$, $T_{\text{min}} = 22.0^{\circ}\text{C}$; $\text{RH}_{\text{mean}} = 60.0\%$, $\text{RH}_{\text{max}} = 75.0\%$, $\text{RH}_{\text{min}} = 50.0\%$).