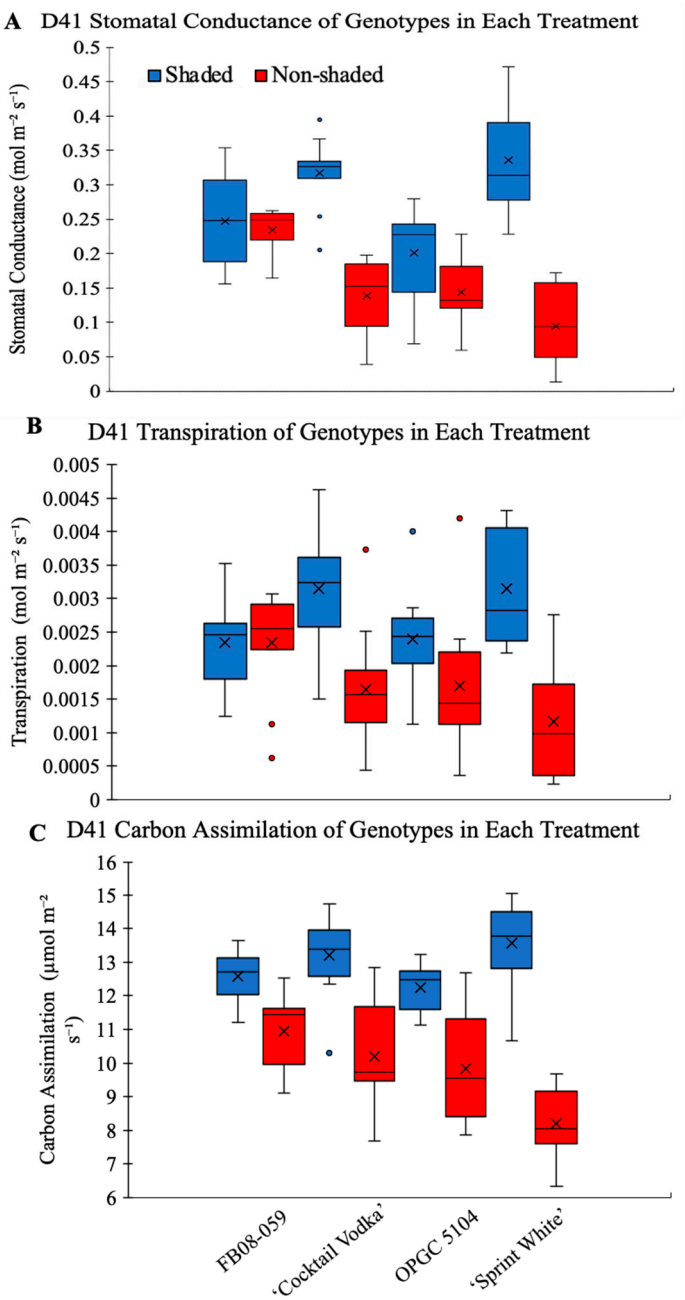
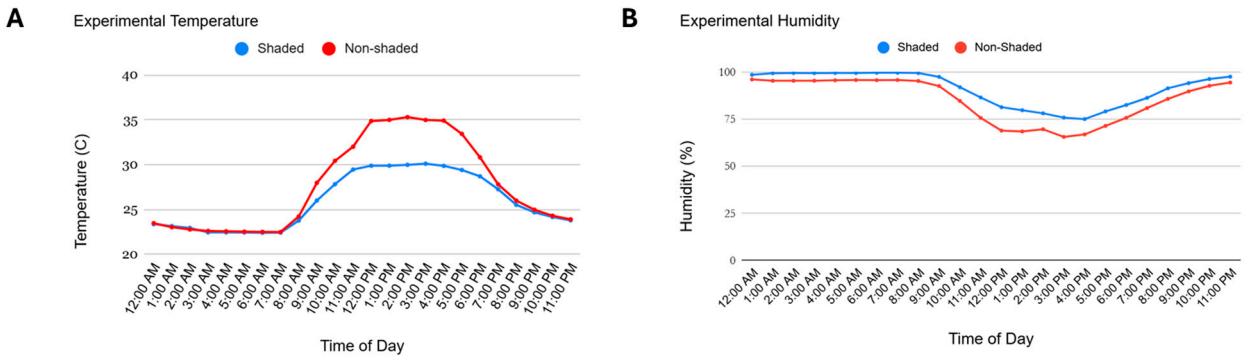


Supplemental Figure S1. Day 41 measurements of stomatal conductance (A), transpiration (B), and Carbon Assimilation (C) in the shaded and non-shaded conditions.



Supplementary Figure S2. Environmental conditions during the experiment: (A) Temperature profile under shaded and non-shaded conditions over a 24-hour period. The non-shaded condition resulted in significantly higher midday temperatures, peaking at approximately 37°C, compared to the shaded condition, which remained below 32°C. (B) Relative humidity variations throughout the day. The non-shaded condition experienced lower humidity levels, particularly during peak daylight hours, whereas the shaded environment maintained consistently higher humidity.