Some banana is grown in Kununurra, Western Australia, [1]. This location experiences excessive Heat Stress (HS = 126) and *P. fijiensis* is not able to persist (EI = 0). An irrigation scenario of 5 mm day$^{-1}$ applied as top-up is still insufficient to allow growth (Fig. S6a): irrigation must be increased to 7 mm day$^{-1}$ (applied as top-up) for growth to occur in the cooler months of February to September (Fig. S6b).