In Carnarvon, excessive Dry Stress (DS = 113) prevents establishment and persistence of *P. fijiensis* under a natural rainfall scenario (Fig 2a, Fig S2). The 5 mm day⁻¹ top up irrigation scenario is sufficient to remove this stress and enable growth to occur in all but the driest couple of months (Fig S7A), and the 7 mm day⁻¹ top up irrigation scenario enables growth throughout the year (Fig S7B). Unfortunately, it would appear that this area is not yet indicated as an irrigated agricultural area [1], and so does not show up as being suitable in these maps (Fig 2b, Fig S5).