

Online resource 2. Weather trends and watering regime during the trial. a) Daily air temperature and rainfall trends recorded by the weather station in Udine (NE of Italy) during the trial period, i.e. June 2017-July 2018; b) and c) greenhouse temperature and watering regime during the flooding cycles in September 2017 (b) and July 2018 (c). In a): The gray background highlights periods with optimal water supply (OWC) for all the experimental treatments; the light blue background is rainfall-driven irrigation (RD) with red dashed line highlighting the 15 mm threshold set for the double irrigation; the green background underline is the period when flooding cycles were applied (FC). Blue bars are used for daily rainfall in a); red, orange, yellow, lines for maximum, average, and minimum temperature, respectively, in a), b) and c). the light blue rectangle in b) and c) shows the duration of the forced flooding in FU and FS treatments; the black arrows in b) and c) indicate when NU plants were irrigated.

