

Figure S1. plot of the irrigations . Cesena, 2019.

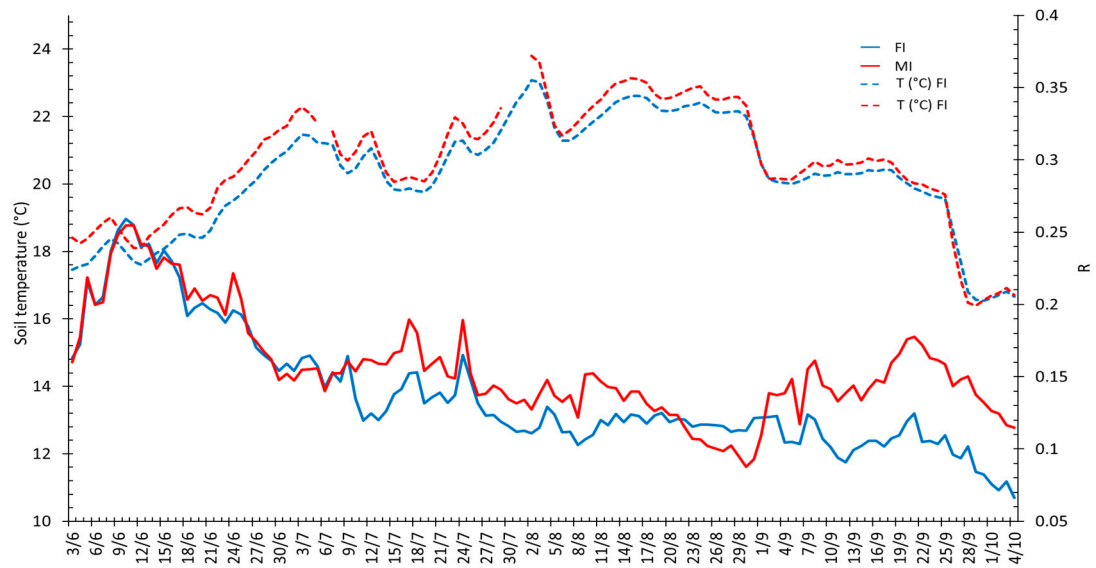
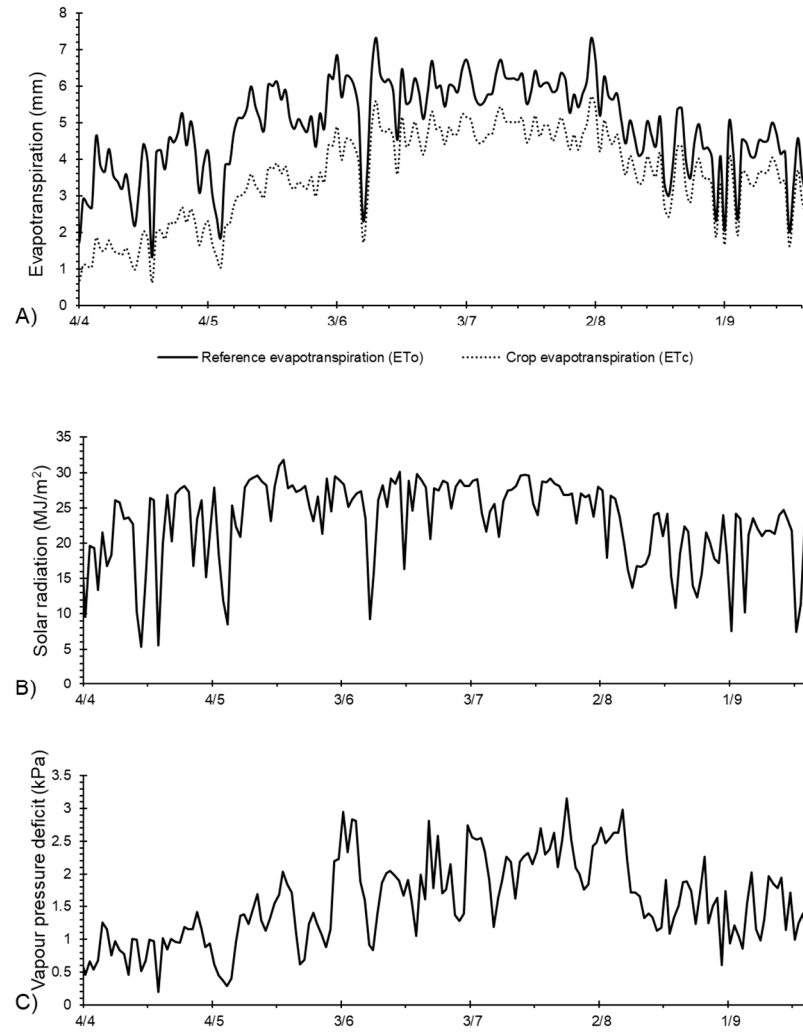


Figure S2. Plot of the sensor response and soil temperature monitoring. Cesena, 2019.



**Figure S3.** Plots of environmental variables recorded in 2022. A) crop evapotranspiration (mm), B) solar radiation (MJ/m<sup>2</sup>), C) vapor pressure deficit (VPD, (kPa), as recorded in the experimental trial in Scanzano Jonico 2022 .