

Figure S1: Simulated contours for temperature under W1:(a) The simulated result in the middle of first irrigation; (b) simulated result in the middle of fifth irrigation; (c) simulated result in the middle of fifth irrigation; (d) simulated result at the end of experiment;

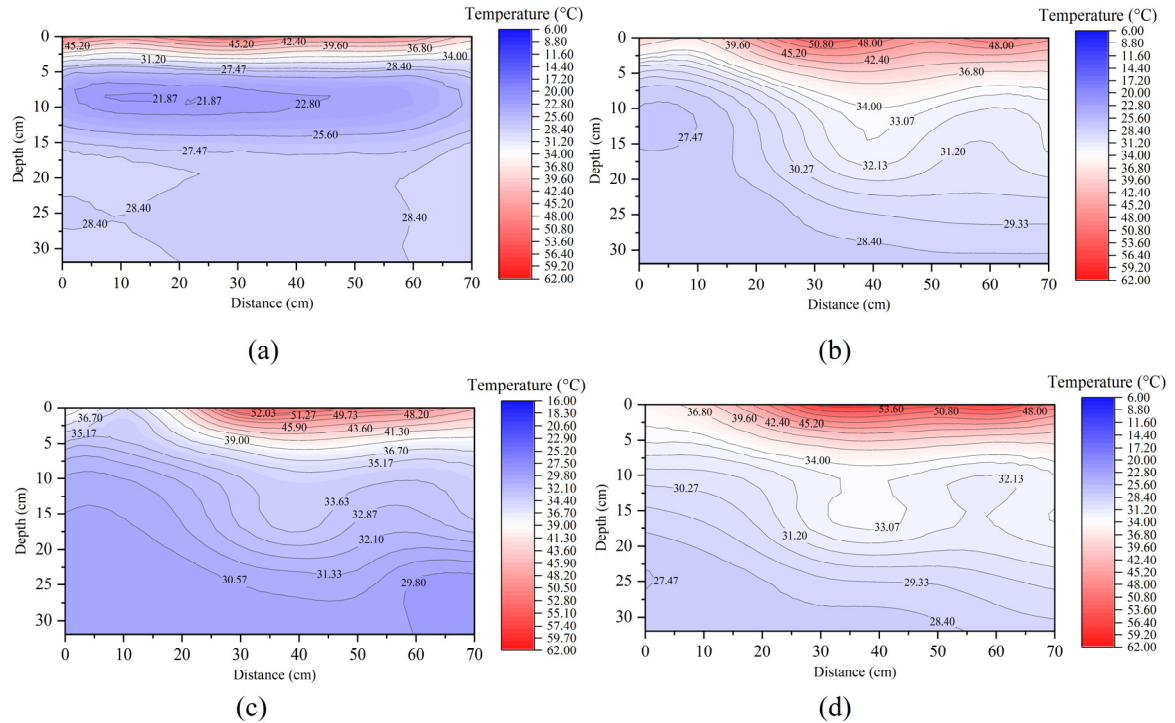


Figure S2: Measured temperature contour under W1: (a) The measured result in the middle of the first irrigation; (b) the middle of third irrigation; (c) the middle of the fifth irrigation; (d) at the end of experiment title;

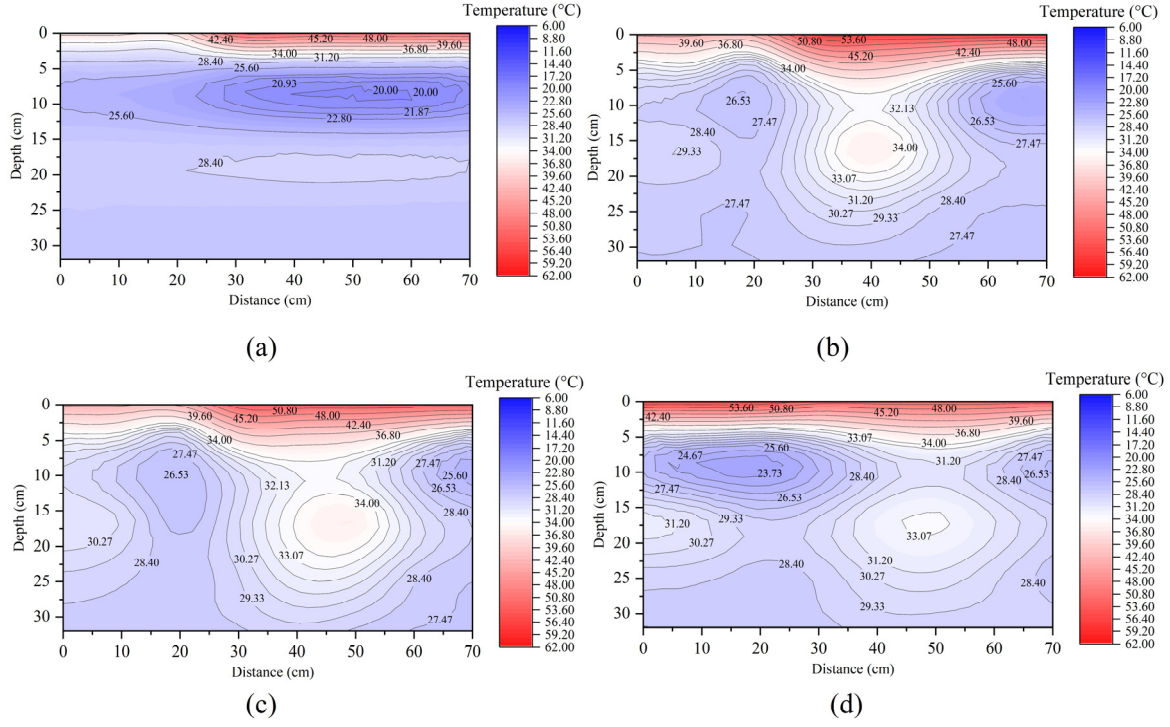


Figure S3: Simulated contour of temperature under W2: (a) The simulated result in the middle of the first irrigation; (b) simulated result in the middle of the third irrigation; (c) simulated result in the middle of the fifth irrigation; (d) simulated result at the end of experiment;

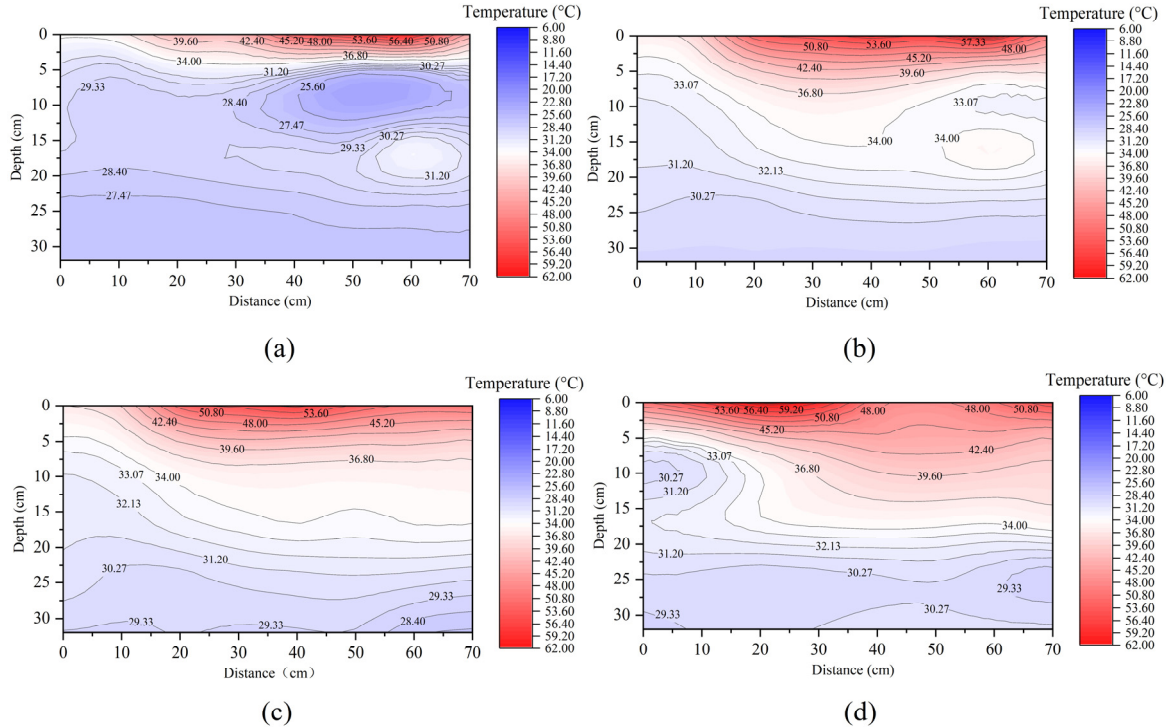


Figure S4: Measured contour of temperature under W2: (a) The measured result in the middle of the first irrigation; (b) the middle of the third irrigation; (c) the middle of the fifth irrigation; (d) measured result at the end of experiment.