

Supplementary Materials

Table S1. Irrigation amount at S1–S71 (ml).

Year	Stage	Z	J0	J1	J2	J3	J4	J5
2018	S11–S61	11,100	11,100	11,100	11,100	11,100	11,100	11,100
	S61–S71	3000	3000	3000	3000	3000	3000	3000
	S1–S11	5800	5800	5800	5800	5800	5800	5800
2019	S11–S61	10,200	10,200	10,200	10,200	10,200	10,200	10,200
	S61–S71	2500	2800	2200	2200	2200	2200	2200
	S1–S11	6000	6000	6000	6000	6000	6000	6000

Table S2. Soil electrical conductivity (EC) at S61.

Year	0–5 cm/ $\mu\text{S}\cdot\text{cm}^{-1}$	5–15 cm/ $\mu\text{S}\cdot\text{cm}^{-1}$	15–25 cm/ $\mu\text{S}\cdot\text{cm}^{-1}$
2018	892	773	810
2019	869	1232	807

Table S3. Air temperature and humidity at S1–S71.

Year	S1–S60 Temperature	S1–S60 Humidity	S61–S71 Temperature	S61–S71 Humidity
2018	31.7 °C	71.6%	29.6 °C	72.3%
2019	30.0 °C	56.5%	29.2 °C	51.3%