

Table S1. Chemical composition of irrigation water used in the study during different intervals

Attributes	25 March					30 April					5 May				
	CW	NSW	Natural saline water			CW	NSW	Natural saline water			CW	NSW	Natural saline water		
			diluted with canal water					diluted with canal water					diluted with canal water		
			6 EC	4 EC	2 EC			6 EC	4 EC	2 EC			6 EC	4 EC	2 EC
pH	7.11	7.79	7.72	7.65	7.59	7.12	7.78	7.71	7.66	7.60	7.13	7.80	7.73	7.67	7.58
EC (dS m ⁻¹)	0.126	8.089	6.051	4.026	2.020	0.143	8.143	6.015	4.017	2.057	0.121	8.168	6.021	3.975	2.052
NO ₃ ⁻ (mg L ⁻¹)	Traces	176.8	120.1	70.5	33.5	Traces	172.4	126.7	70.9	35.6	Traces	171.7	116.8	67.6	41.8
K ⁺ (mg L ⁻¹)	17.6	2168.8	1512.7	1066.8	401.9	20.0	2193.5	1627.2	969.6	424.3	21.2	2178.0	1380.2	1019.7	552.9
Ca ²⁺ (mg L ⁻¹)	4.1	381.8	297.8	184.3	85.5	4.0	351.1	256.3	178.4	80.4	3.9	449.1	297.3	138.9	81.0
Mg ²⁺ (mg L ⁻¹)	6.2	303.1	241.0	136.8	65.4	6.2	294.5	195.1	151.0	64.2	5.9	302.4	231.7	63.2	39.3
SO ₄ ²⁻ (mg L ⁻¹)	30.3	1482.8	1223.3	662.4	295.9	34.9	1501.8	1135.7	713.3	290.5	35.6	1493.8	573.2	659.2	271.3
Na ⁺ (mg L ⁻¹)	Traces	105.5	76.9	46.7	19.2	Traces	100.9	68.4	48.3	21.3	Traces	90.3	62.0	22.0	12.3
Cl ⁻ (mg L ⁻¹)	Traces	1810.0	1198.1	752.9	394.0	Traces	1793.6	1214.3	902.5	387.1	Traces	1764.0	1726.7	530.7	184.6
CO ₃ ²⁻ (mg L ⁻¹)	15.0	110.3	81.9	50.3	22.9	17.5	106.7	84.5	47.7	21.9	12.5	107.3	46.0	42.4	24.2
HCO ₃ ⁻ (mg L ⁻¹)	65.0	161.1	131.7	79.2	33.5	70.0	165.7	117.0	81.0	31.0	66.3	167.3	146.7	43.2	37.8

CW: canal water. NSW: natural underground saline water.