Supplementary data

Table S1. Analysis of variance for selected soil properties EC, pH, OM, TOC, AN, AP, and Ex. K as affected by water irrigation type (Normal Water-NW and treated water-TW), plant species (PS1, PS2, PS3, PS4), soil depth (0 – 20 and 20 – 40cm), and time of sampling (time of plantation and after one year).

		EC		pH	
Source	**DF**	M S	**Pr > F**	M S	**Pr > F**
water	1	0.57	0.7437	0.24	0.0365
plant	3	20.08	0.014	0.04	0.5512
depth	1	0.31	0.809	0.004	0.7912
time	1	115.72	<.0001	0.08	0.2185
water*plant	3	0.89	0.9181	0.08	0.2347
depth*time	1	0.14	0.8708	0.01	0.6591
		OM		**TOC**	
water	1	0.026667	0.1215	0.012604	0.0789
plant	3	0.0675	0.1111	0.028646	0.0739
depth	1	0.026667	0.1215	0.017604	0.0386
time	1	8.401667	<.0001	2.905104	<.0001
water*plant	3	0.029167	0.4487	0.001146	0.9621
depth*time	1	0	1	0.000104	0.8719
		AN		**AP**	
water	1	79.7526	0.2836	117.9267	0.006
plant	3	343.2603	0.1795	21.23667	0.2397
depth	1	306.3776	0.0374	3.60375	0.6235
time	1	552.4801	0.0057	718.3204	<.0001
water*plant	3	92.58448	0.7175	14.29389	0.4142
depth*time	1	358.4401	0.0247	31.74	0.1474
		Ex K			
water	1	89609.26	0.0001		
plant	3	27223.09	0.0034		
depth	1	18788.01	0.0687		
time	1	150733.5	<.0001		
water*plant	3	12684.27	0.0836		
depth*time	1	11506.26	0.152		