

Soil properties			
Parameter	Unit	S1	S2
Texture		Clay	Clay loam
Saturation point	%	75	51.2
Field capacity	%	40.3	27.3
Hydraulic cond.	cm/h	ND	2.6
Aparent density	g/cm3	1.08	1.12
pH (1:2 water)		8.14	8.48
Total carbonates	%	24.8	19.5
Salinity	ds/m	0.44	0.65

Soil nutrients			
Parameter	Unit	S1	S2
MO	%	1.96	2.75
N-NO3	ppm	8.09	11.9
P	ppm	5.7	9.01
K	ppm	328	342
Ca	ppm	6449	6677
Mg	ppm	453	360
Na	ppm	51.2	63.3
Fe	ppm	29.6	8.04
Zn	ppm	0.54	0.43
Mn	ppm	9.03	2.00
Cu	ppm	1.47	0.96
B	ppm	0.22	0.58
S	ppm	20.3	2.87