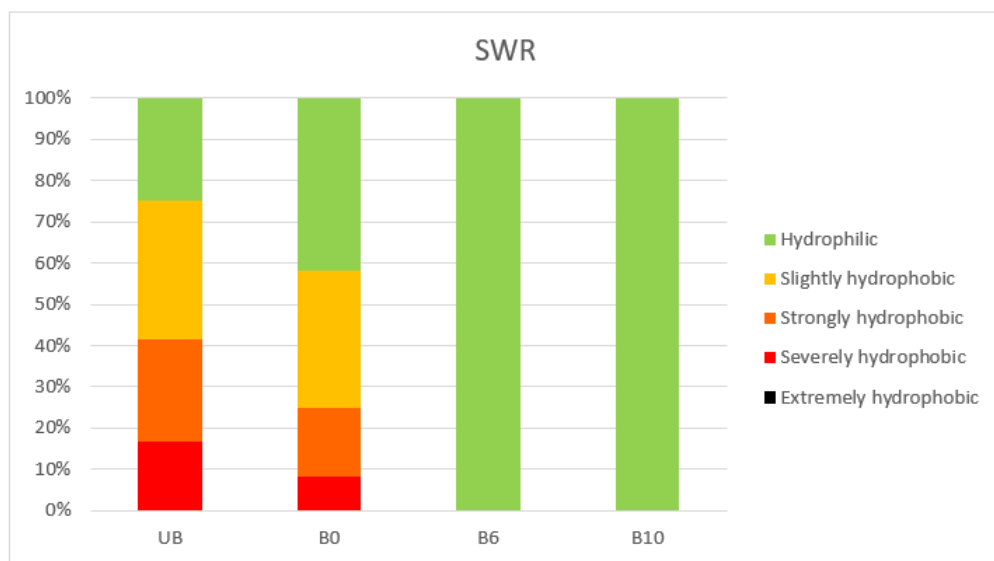


	pH	EC (μS/cm)	SAS (%)	SOC (g/kg)	Cmic (g/kg)	SR (mgCO ₂ /kg)	β-G (ug nitrofenol/g)
UB	6.3 ± 1.1a	283.5 ± 32.7a	90.9±1.96b	278.85±94.37a	22.78 ±2.67a	38.47 ±2.86a	12.77 ±4.48a
B0	7.2 ± 0.8a	307.3 ± 38.4a	91.44±2.07b	214.05±94.04a	21.93 ±9.25a	35 ±4.25a	5.89 ±2.18b
B6	6.6 ± 0.2a	129.0 ± 37.2b	95.55±0.88a	135.07±48.06b	19.02 ±4.57a	29.72 ±8.51b	5.65 ±1.81b
B10	6.7 ± 0.2a	114.5 ± 23.1b	94.89±1.13a	81.79±9.3b	20.31 ±5.65a	23.9 ±3.88b	4.38 ±1.18b
UB	6.3 ± 1.2a	249.1 ± 25.8a	91.39±1.8b	229.37±96.2a	19.15 ±6.72a	29.54 ±5.33a	8.31 ±2.67a
B0	6.9 ± 0.9a	243.2 ± 56.0a	91.49±2b	191.43±109.62a	21.22 ±10.29a	32.61 ±8.48a	5.23 ±1.39b
B6	6.5 ± 0.4a	112.6 ± 23.5b	94.86±1.2a	116.76±35.91b	12.49 ±3.36a	15.95 ±5.52b	4.4 ±2.1b
B10	6.6 ± 0.1a	108.9 ± 31.6b	93.14±1.81a	68.77±8.04b	14.08 ±3.7a	15.08 ±3.12b	3.72 ±1.47b
UB	6.5 ± 0.9a	238.2 ± 53.3a	91.58±1.55b	206.57±66.35a	18.52 ±6.39a	23.64 ±10.55a	5.72 ±2.47a
B0	6.9 ± 0.7a	239.8 ± 62.7a	91.69±1.98b	174.36±97.74a	20.05 ±4.67a	29.17 ±11.54a	4.16 ±0.32b
B6	6.5 ± 0.5a	122.3 ± 42.2b	94.7±0.94a	98.54±24.95b	14.99 ±4.5a	13.94 ±6.36b	3.52 ±0.9b
B10	6.5 ± 0.1a	103.8 ± 27.4b	92.58±2.35a	60.68±7.22b	13.3 ±2.77a	12.43 ±5.95b	2.88 ±0.69b

Table of results. EC (electrical conductivity), SAS (soil aggregate stability), SOC (soil total organic carbon), Cmic (microbial carbon), SR (soil respiration), β-G (enzymatic β-D-Glucosidase activity). Lowercase letters indicate significant differences at $p < 0.05$ among sampling times for each studied soil depth.



Occurrence (%) of Soil Water Repellency (SWR) according to the Water Drop Penetration Time (WDPT) test in the different sampling plots. SWR classes defined by Doerr (1998).

Variable	1	2	3	4	5	6	7
1. SWR							
2. SAS	-.64**						
3. pH	-.52**	.08					
4. EC	.37*	-.58**	.26				
5. SOC	.84**	-.67**	-.34*	.68**			
6. SR	.55**	-.47**	.11	.75**	.75**		
7. Cmic	.63**	-.42**	-.17	.44**	.70**	.69**	
8. β -G	.64**	-.45**	-.26	.57**	.72**	.63**	.50**

Correlation plot. SWR (soil water repellency), SAS (soil aggregate stability), EC (electrical conductivity), SOC (soil total organic carbon), SR (soil respiration), Cmic (microbial carbon), β-G (enzymatic β-D-Glucosidase activity). * indicates $p < .05$. ** indicates $p < .01$.