

Evaluations: microbial biomass (chloroform fumigation-incubation) and mineralizable carbon (aerobic incubation at 50% water-filled pore space and 25 °C for 24 days). Statistical analyses: Means were compared by the t test (LSD) at a probability level of 10%.

RESULTS								
Source	Minealizable C (mg kg	SMBC (mg kg	Source	Minealizable C (mg kg	SMBC (mg kg	Source	Minealizable C (mg kg	SMBC (mg kg
	<u>0 to 5 cm</u>			<u>5 to 10 cm</u>			<u>10 to 20 cm</u>	
System (S)			System (S)			System (S)		
	490.0a	881.8b		205.0a	444.7a		128.4a	255.6a
II	491.1a	852.2b	II	224.4a	390.0b	II	122.2a	276.3a
	501.7a	886.1b		238.2a	419.2ab		142.3a	288.5a
IV	586.3a	1080.6a	IV	234.0a	459.2a	IV	128.1a	275.3a
Amendment (A)			Amendment (A)			Amendment (A)		
Control	417.0C	832.6B	Control	210.0A	414.2A	Control	136.0A	280.1A
Silicate	507.8B	893.3B	Silicate	237.0A	415.0A	Silicate	129.8A	269.1A
Lime	627.5A	1050.0A	Lime	229.4A	455.6A	Lime	125.0A	272.5A
			Drabability > E			Drobobility > E		

