

Transport dung derived nitrogen into soil

TABLE 2. Dung removal, nitrogen and carbon loss from the dung.

Experimental treatments and controls		After 1 month			After 1 yr		
		Dung removed (% initial d.w.)	Total N in residual dung (g N)	Organic C in residual dung (g C)	Dung removed (% initial d.w.)	Total N in residual dung (g N)	Organic C in residual dung (g C)
Controls	Dung-only	13 ± 1.5	1.49 ± 0.26	26.26 ± 2.36	58 ± 12	0.77 ± 0.37	10.71 ± 4.97
Dwellers	Dwe1	23 ± 7	1.13 ± 0.14	22.11 ± 2.10	83 ± 5	0.35 ± 0.13	4.86 ± 1.60
	Dwe4	24 ± 12	1.13 ± 0.17	21.79 ± 3.52	85 ± 4	0.27 ± 0.08	4.24 ± 1.33
Tunnelers	Tun1	41 ± 20	1.00 ± 0.36	17.77 ± 5.99	70 ± 8	0.56 ± 0.09	7.70 ± 1.17
	Tun4	57 ± 33	0.66 ± 0.54	11.88 ± 9.55	90 ± 8	0.24 ± 0.12	3.38 ± 1.70

Notes: Dung removed expressed as the percentage of initial dry dung weight (d.w.), total N and organic C in the residual dung after 1 month and 1 yr for dwellers, tunnelers and controls. Data are means ± SE.