Table 3. Mean *Setaria faberi* viable seed and emerged seedling densities by sequence and rotation. Means ± 1 SE of square root transformed data are shown in parentheses, except for intentionally added viable seeds, for which it was assumed a constant number was added to all treatments.

	Background viable seed density in soil to 20 cm, 2002	Intentionally added viable seeds, 2002	Total seedling emergence, 2003-2005	Final viable seed density in soil to 20 cm, 2006
	no. m^{-2}			
Sequence				
1	0 (0.00 ± 0.00)	1876	267 (16.23 ± 0.61) b	166 (9.84 ± 4.79)
2	0 (0.00 ± 0.00)	1876	190 (13.73 ± 0.61) bc	48 (5.84 ± 2.12)
3	22 (2.35 ± 2.35)	1876	262 (16.17 ± 0.12) b	182 (13.04 ± 1.95)
4	0 (0.00 ± 0.00)	1876	472 (21.51 ± 1.77) a	71 (7.23 ± 2.50)
5	88 (6.61 ± 3.82)	1876	137 (11.41 ± 1.49) c	348 (18.11 ± 2.55)
6	0 (0.00 ± 0.00)	1876	265 (16.27 ± 0.10) b	119 (10.37 ± 1.90)
7	44 (3.31 ± 3.31)	1876	460 (20.68 ± 3.27) a	32 (3.52 ± 3.25)
8	22 (2.34 ± 2.34)	1876	154 (12.38 ± 0.61) bc	108 (8.72 ± 2.98)
9	44 (3.31 ± 3.31)	1876	115 (10.64 ± 0.87) c	150 (10.99 ± 3.14)
Rotation system				
2-year	0 (0.00 ± 0.00)	1876	227 (14.98 ± 0.62)	107 (7.84 ± 2.54)
3-year	37 (2.99 ± 1.58)	1876	290 (16.36 ± 1.43)	200 (12.79 ± 1.82)
4-year	27 (2.24 ± 1.22)	1876	248 (14.99 ± 1.26)	105 (8.70 ± 1.46)

Within columns, sequences not followed by the same lowercase letter and rotation systems not followed by the same upper case letter are significantly different (p<0.05); an absence of letters indicates a lack of significant differences.