

Table S1. Field Experiment- Reduction in *E. coli* levels over time.

Treatment group	Average proportion reductions of <i>E. Coli</i> O157:H7 left on treatment groups in field inoculation study at different time periods			
	2hrs	24hrs	48hrs	72hrs
Positive control	0	0.902	0.989	0.999
Scat inoculation	0	0.281	0.450	0.671

Table S2. Table of raw data for laboratory experiment 1-Dung beetles drive number of *E. coli* colonies

Treatment type	Levels of <i>E. Coli</i> O157:H7 (log CFU/g) present within each soil treatment from lab experiment 1
	Average
Beetles + <i>E. coli</i> O157:H7	3.26
<i>E. coli</i> O157:H7 + No Beetles	4.08

Table S3. Table of raw data for laboratory experiment 2- Dung beetles affect number of *E. coli* colonies.

Treatment type	Levels of <i>E. Coli</i> O157:H7 (log CFU/g) present within each soil treatment from lab experiment 2	Average
Beetles + <i>E. coli</i> O157:H7		4.65
<i>E. coli</i> O157:H7 + No Beetles		4.95