Supplementary Files

Antibiotics in the environment: prescribing risks to non-target organisms

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Table S1. Average germination percentage of *L. sativa* seeds exposed to different cephalosporins. *indicates significance at the $p < 0.05$ level compared to the control; **indicates significance at the $p < 0.01$ level compared to the control; ***indicates significance at the $p < 0.001$ level compared to the control.

Concentration (mg/L)	**Cephalothin**	**Cefazolin**	**Ceftazidime**	**Ceftriaxone**	**Cefepime**
0	----------86.7±6.1----------				
25	85.3±6.7	90.7±3.5	84.0±4.6	92.0±4.6	89.3±2.7
50	80.0±6.1	93.3±1.3	80.0±2.3	90.7±3.5	82.3±2.7
100	85.3±4.8	90.7±3.5	89.3±1.3	89.3±3.5	92.0±2.3
250	77.3±2.7	82.7±7.4	81.3±1.3	83.7±7.4	89.3±4.8
500	81.3±9.6	30.7*±3.5	0*	0*	0*

Table S2. Wet weight of *L. sativa* seedlings exposed to different cephalosporins. *indicates significance at the $p < 0.05$ level compared to the control; **indicates significance at the $p < 0.01$ level compared to the control; ***indicates significance at the $p < 0.001$ level compared to the control.

Concentration (mg/L)	Cephalothin	Cefazolin	Ceftazidime	Ceftriaxone	Cefepime
0	----------0.395±0.05----------				
25	0.360±0.05	0.356±0.02	0.434±0.05	0.360±0.03	0.303*±0.02
50	0.305±0.02	0.260**±0.02	0.332±0.03	0.344±0.02	0.259**±0.01
100	0.316±0.06	0.218***±0.03	0.346±0.02	0.339±0.03	0.213***±0.03
250	0.297±0.02	0.142***±0.05	0.182***±0.02	0.138***±0.04	0.155***±0.02
500	0.296±0.04	0.0280***±0.006	0.000***	0.000***	0.000***

Table S3. Dry weight of *L. sativa* seedlings exposed to different cephalosporins. *indicates significance at the $p < 0.05$ level compared to the control; **indicates significance at the $p < 0.01$ level compared to the control; ***indicates significance at the $p < 0.001$ level compared to the control.

Concentration (mg/L)	**Cephalothin**	**Cefazolin**	**Ceftazidime**	**Ceftriaxone**	**Cefepime**
0	----------0.016±0.0004----------				
25	0.022*±0.001	0.016±0.0004	0.016±0.001	0.014±0.0006	0.013±0.001
50	0.021*±0.001	0.017±0.001	0.014±0.001	0.014±0.002	0.013±0.0008
100	0.021*±0.002	0.016±0.001	0.015±0.0003	0.015±0.002	0.020±0.003
250	0.021*±0.001	0.015±0.002	0.016±0.0005	0.020±0.0006	0.021*±0.0002
500	0.021*±0.001	0.005***±0.001	0.0***	0.0***	0.0***