Table 1. Results of One-Way ANOVA for soils treated with 0, 1, 10, 100, or 1000 ng kg-1 narasin. The F-statistic was calculated for concentration of NH_4^+ in soil extracts measured from 6 replicates and grouped by antibiotic dose. Dose-response relationships are deemed statistically significant where $F_{stat}>F_{crit}$. P-values less than 0.05 are shown in bold.

		Day 1	Day 2	Day 3
40% WFPS	P value	**0.0004**	**$4x10^{-6}$**	**$3x10^{-6}$**
60% WFPS	P value	0.15	0.11	0.07
80% WFPS	P value	0.57	0.33	0.30

Table 2. Results of One-Way ANOVA for soils treated with 0, 1, 10, 100, or 1000 ng kg-1 narasin. The F-statistic was calculated for concentration of NO_3^- in soil extracts measured from 6 replicates and grouped by antibiotic dose. Dose-response relationships are deemed statistically significant where $F_{stat}>F_{crit}$. P-values less than 0.05 are shown in bold.

		Day 1	Day 2	Day 3
40% WFPS	P value	**$9x10^{-5}$**	**$2x10^{-5}$**	**$3x10^{-5}$**
60% WFPS	P value	**$1x10^{-5}$**	**$5x10^{-4}$**	**$1x10^{-6}$**
80% WFPS	P value	**$3x10^{-5}$**	**$3x10^{-7}$**	**$3x10^{-7}$**

Table 3. Results of One-Way ANOVA for soils treated with 0, 1, 10, 100, or 1000 ng kg-1 narasin. The F-statistic was calculated for mineralization rate as determined from isotopic enrichments of 3 replicates. Dose-response relationships are deemed statistically significant where $F_{stat}>F_{crit}$. P-values less than 0.05 are shown in bold.

		Day 1	Day 2	Day 3
40% WFPS	P value	0.08	**0.03**	0.7
60% WFPS	P value	0.2	0.07	0.5

Table 4. Results of One-Way ANOVA for soils treated with 0, 1, 10, 100, or 1000 ng kg-1 narasin. The F-statistic was calculated for nitrification rate as determined from isotopic enrichments of 3 replicates. Dose-response relationships are deemed statistically significant where $F_{stat}>F_{crit}$. P-values less than 0.05 are shown in bold.

		Day 1	Day 2	Day 3
40% WFPS	P value	**0.0003**	**$4x10^{-6}$**	**$2x10^{-6}$**
60% WFPS	P value	0.6	**0.03**	**0.0008**

Table 5. Results of One-Way ANOVA for soils treated with 0, 1, 10, 100, or 1000 ng kg-1 narasin. The F-statistic was calculated for nitrification rate as determined from isotopic enrichments of 3 replicates. Dose-response relationships are deemed statistically significant where $F_{stat}>F_{crit}$. P-values less than 0.05 are shown in bold.

		Day 1	Day 2	Day 3
40% WFPS	P value	0.3	**$2x10^{-6}$**	0.1
60% WFPS	P value	0.2	**$5x10^{-5}$**	**$8x10^{-5}$**

Table 6. Results of One-Way ANOVA for soils treated with 0, 1, 10, 100, or 1000 ng kg-1 narasin. The F-statistic was calculated for N_2O flux measured from 6 replicates and grouped by antibiotic dose. Dose-response relationships are deemed statistically significant where $F_{stat}>F_{crit}$. P-values less than 0.05 are shown in bold.

		Day 1	Day 2	Day 3
40% WFPS	P value	0.09	0.2	**0.0003**
60% WFPS	P value	**0.005**	**0.003**	**0.001**
80% WFPS	P value	**0.03**	**0.0001**	**0.0007**