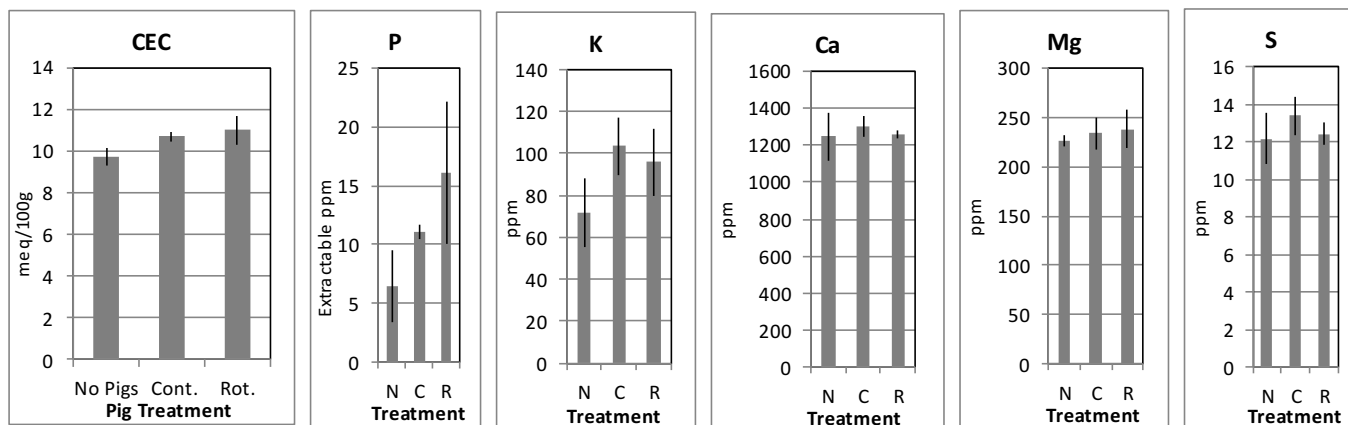


Soil Cation Exchange Capacity (CEC) and Macronutrient Concentrations (Extractable ppm).



Soil Micronutrients (Extractable ppm) and Other Soil Analyses.

| | <u>B</u> (Extr ppm) | | <u>Mn</u> | | <u>Zn</u> | | <u>Fe</u> | | <u>Cu</u> | | <u>Na</u> | | <u>Al</u> | |
|------------|---------------------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| | Mean | SE | Mean | SE | Mean | SE | Mean | SE | Mean | SE | Mean | SE | Mean | SE |
| No Pigs | 0.17 | ± 0.00 | 5.46 | ± 0.72 | 0.68 | ± 0.03 | 5.67 | ± 0.15 | 0.15 | ± 0.00 | 18.40 | ± 2.39 | 38.88 | ± 6.51 |
| Continuous | 0.21 | ± 0.01 | 8.00 | ± 1.36 | 0.92 | ± 0.04 | 5.59 | ± 0.51 | 0.18 | ± 0.01 | 20.26 | ± 0.84 | 34.06 | ± 3.51 |
| Rotated | 0.20 | ± 0.02 | 7.65 | ± 1.86 | 0.93 | ± 0.06 | 6.01 | ± 0.32 | 0.17 | ± 0.00 | 17.57 | ± 1.90 | 36.36 | ± 6.65 |

| | <u>pH</u> (1:1 H ₂ O) | | <u>Exch. Acid</u> (meq/100g) | | <u>Ca Base Sat</u> % | | <u>Mg Base Sat.</u> | | <u>K Base Sat.</u> | | <u>Scoop Density</u> (g/cc) | | <u>Pb</u> (Extr ppm) | |
|------------|----------------------------------|--------|------------------------------|--------|----------------------|--------|---------------------|--------|--------------------|--------|-----------------------------|--------|----------------------|--------|
| | Mean | SE | Mean | SE | Mean | SE | Mean | SE | Mean | SE | Mean | SE | Mean | SE |
| No Pigs | 6.61 | ± 0.04 | 1.46 | ± 0.27 | 63.74 | ± 4.06 | 19.11 | ± 0.57 | 1.92 | ± 0.50 | 0.88 | ± 0.05 | 0.13 | ± 0.02 |
| Continuous | 6.53 | ± 0.06 | 1.98 | ± 0.30 | 60.82 | ± 2.04 | 17.82 | ± 0.95 | 2.44 | ± 0.27 | 0.89 | ± 0.01 | 0.10 | ± 0.02 |
| Rotated | 6.47 | ± 0.11 | 2.50 | ± 0.61 | 57.23 | ± 2.92 | 17.78 | ± 1.82 | 2.25 | ± 0.39 | 0.89 | ± 0.03 | 0.15 | ± 0.04 |