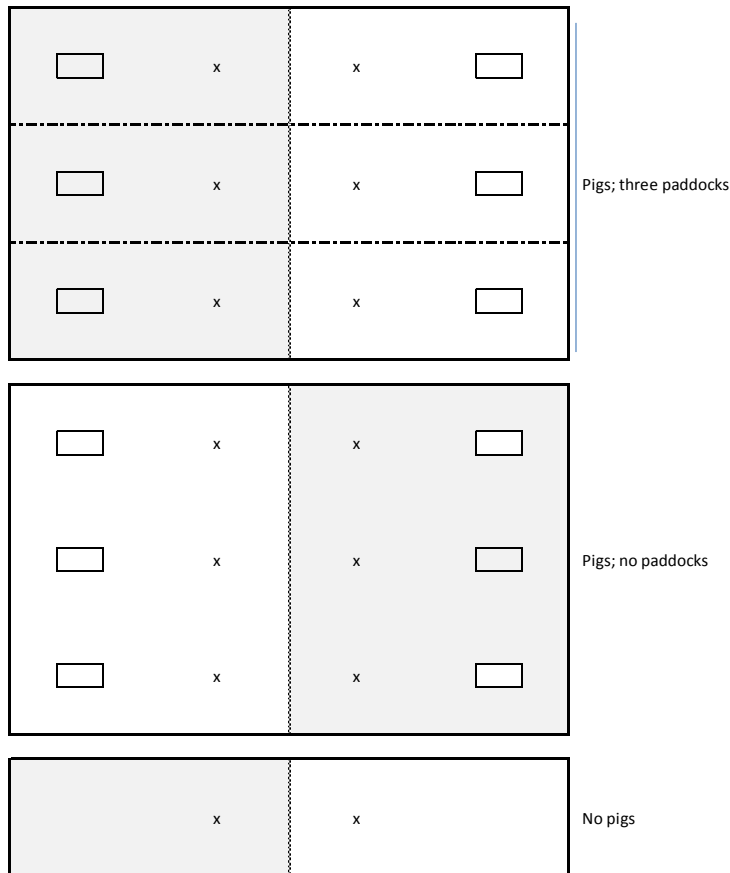


## APPENDIX A. EXPERIMENTAL LAYOUT

A schematic map of the experimental layout. There are three systems: 1) four pigs in a field section rotated among three paddocks within the section; 2) four pigs in a field section of comparable size with no paddocks or rotations; 3) a small section with no pigs at all (area comparable to a paddock) as a control for comparing plants and soil. In each section we will choose one half randomly to be re-seeded after pigs are removed (shaded), and the other half to leave as is. We currently plan three replicates of each system section (so  $3 \times (4+4) = 24$  pigs total), randomly located in a two acre field (thus if we actually use 90% of the field, the section sizes with pigs will have them at a total density of ca. 16 pigs per acre). More details below.



Shaded areas vs. unshaded indicate reseeded vs. not reseeded areas (after pigs are removed)

Boxes  are locations of two alternating/rotating housing vs. feeding stations at each end of fields so that the pigs do not congregate too much at one end.

x indicates primary locations for comparable plant sampling (with more in other field locations too).

**Figure 1. Experimental layout**

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