



## Minibucket Escape Test

Prepared by

Aubrey Moore

University of Guam Cooperative Extension Service

January 17, 2014\*

None of 48 beetles escaped from this trap.

### 1 Methods

A small paint bucket was placed in a cutout in the top of a plastic garbage can (Fig. 1). The top of the bucket contained four one-inch diameter holes. A UVLED was fitted through a hole at the center of the lid. An oryctalure was hung from the bottom of the UVLED inside the bucket. The larger garbage can was empty.

The experiment was performed in a large field cage. Forty-eight beetles were placed in the trap at 6:00 PM on January 17, 2014. Beetles remaining in the trap were counted the following morning.

### 2 Results and Discussion

All 48 beetles remained in the trap.

---

\*Revised January 19, 2014

C:/Documents and Settings/Administrator/My Documents/CRB Tech Reports/2014-01-17 Minibucket Escape Test/CRB2014-01-17.lyx



Figure 1: Experimental setup.