

**Research in Support of the Guam Coconut Rhinoceros Beetle Eradication Project**



## **Chicken Wire Escape Test**

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Escape rates were 92% and 28% for the uncovered pan and the chicken wire covered pan, respectively.

### **1 Methods**

At 6:30 PM on January 12, 2014, two pan traps without UVLEDS, lures breeding material were set up next to each other in a large field cage. 29 beetles were placed in left-hand pan and this was covered with chicken wire. 25 beetles were placed in the right hand trap and this was left uncovered. Beetles remaining in pans were counted at 9:30 PM.

### **2 Results and Discussion**

21 of 29 beetles remained in the pan capped with chicken wire. 2 of 25 beetles remained in the uncovered pan. Escape rates were 92% and 28% for the uncovered pan and the chicken wire covered pan, respectively.

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C:/Documents and Settings/Administrator/My Documents/CRB Tech Reports/2014-0-12A Chicken Wire Escape Test/CRB2014-01-12A.lyx



Figure 1: Experimental setup.