

Coconut Rhinoceros Beetle Response Update November 13-26, 2016

- Detections
 - On Base (All DOD property on Oahu; including Joint Base Pearl Harbor-Hickam (JBPHH))
 - 44 adults detected (of 2,958 adults detected since 12/23/2013).
 - Off Base:
 - 14 adults detected (of 408 adults detected since 12/23/2013).
- Surveillance & Trapping
 - Investigation into possible breeding sites continues within established buffer zones.
 - 3,371 trap services conducted on 3,055 total traps during this reporting period.
 - New panel traps installed in Pearl City (9), Ewa Beach (2) and Kaneohe (1).
 - Mulch/breeding site surveys/resurveys at Pearl City Peninsula (2 third instar and 12 second instar larvae found.
 - Palm damage survey/resurvey in Pearl City and Ewa Beach (16 palms observed with new damage).
- Mitigation & Outreach
 - 76 public interactions by field crew during this reporting period.
 - 27 public reports addressed during this reporting period.
 - 4 businesses interactions by field crew during this reporting period.
 - Presentations made at West Lock estates and Palm Court (6 ppl).
 - Outreach conducted at Ocean Pointe.
 - Tour of JBPHH with Mamalu Poepoe Coordinator.
 - Tour of Ho`omaluhia Botanical Garden with Maintenance Supervisor.
 - Met with Assistant Manager of The Home Depot – Pearl City.
 - Participated in bi-weekly military updates at JBPH-H and bi-weekly CRB inter-agency meetings.
- Research
 - Research is still underway to better understand the cyclic nature of weekly, monthly, and annual trap capture rates.
 - 7 traps deployed with ethyl acetate lures in 2 locations to test efficacy.
- Beetle Fact
 - The standard pheromone used in the CRB Response Program is *ethyl-4-methyloctanoate* – an aggregation pheromone; that is typically released by males to attract both males and females. Aggregation pheromones attract insects to locations where mating occurs and where females will find suitable egg-laying sites.