

## Coconut Rhinoceros Beetle Response Update

### June 26 – July 9, 2016

- Detections
  - On Base (All DOD property on Oahu; including Joint Base Pearl Harbor-Hickam (JBPHH))
    - 30 adults detected (of 2,669 adults detected since 12/23/2013).
  - Off Base:
    - 8 adults detected (of 328 adults detected since 12/23/2013).
- Surveillance
  - Investigation into possible breeding sites continues within established buffer zones.
  - Mulch sites at Pearl City Peninsula, Ewa Villages Golf Course, Coral Creek G.C., and Pu`uloa Rifle Range (Marine Corps Base Hawai`i) were all surveyed negative for CRB.
  - Palm surveys in Nanakuli, Navy-Marine G.C., and South Pearl City all surveyed negative for new CRB damage. Navy-Marine G.C. still exhibits residual damage on 49 coconut palms.
  - Palm surveys confirmed 1 coconut palm in Ewa Beach and 2 coconut palms at Pearl City Peninsula with CRB damage.
  - 23 new traps deployed at Pearl City Peninsula.
  - 1 new trap deployed at Ewa Beach.
- Mitigation & Outreach
  - 3,271 trap services conducted on 2,967 total traps during this reporting period.
  - 39 members of the public interacted with during this reporting period.
  - 9 businesses were interacted with during this reporting period.
  - 16 public reports responded to during this reporting period.
  - Participated in the Hawai`i State Farm Fair on 7/9-10. Interaction with approximately 275 people.
  - Participated in bi-weekly military updates at JBPH-H and weekly CRB inter-agency meetings.
- Research
  - A CRB research center has been prepared at UH Manoa. Site inspections and permits have been conducted and the facility has been approved for use as of 7/11/2016.
  - Research is still underway to better understand the cyclic nature of weekly, monthly, and annual trap capture rates.
- Beetle Fact
  - The spread of *O. rhinoceros* throughout the Pacific was helped through the shipping of wartime equipment (Lever, 1979).