



Datum: WGS 1984
Coordinate System: NAD 1983
Print Date: 10/21/2016

RESPONSE UPDATE - September 18 - October 1, 2016

Coconut Rhinoceros Beetle Project

Honolulu, Oahu, HI

Oahu

DETECTIONS

ON BASE*

43 adults detected (of 2,836 adults detected since 12/23/2013).

OFF BASE

6 adults detected (of 364 adults detected since 12/23/2013).

* ON BASE: All DOD property on O'ahu; including Joint Base Pearl Harbor-Hickam (JBPHH)

RESEARCH

- Research is still underway to better understand the cyclic nature of weekly, monthly, and annual trap capture rates.

BEETLE FACT:

- Survey: In Guam, flight activity peaks are correlated with the full moon (Moore, 2012).

SURVEILLANCE

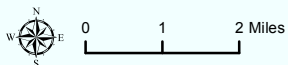
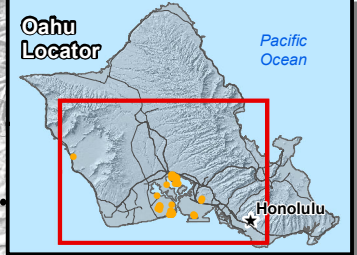
- Investigation into possible breeding sites continues within established buffer zones.
- New panel traps installed in Waikale (11), at Fort DeRussy (7), on NOAA Ewa station (1) and in Makiki (1).
- Mulch site resurveys at Pearl City Peninsula detected 7 third-instar CRB larvae.
- Mulch sites surveyed/resurveyed at NOAA Ewa station, Ewa by Gentry, Waikale Country Club, Fort Weaver and Pearl Harbor Wildlife Refuge resulted negative for CRB.
- Pu'uolo Range (MCBH) "Dead Man's Walk" returned negative for CRB, but determined multiple sites for additional surveys.
- Palm trimming inspections conducted at Iroquois Point (negative to date) and Navy-Marine Golf Course (2 adult CRB collected).
- Palm damage survey/resurvey conducted at Blaisdell Park and the Hawaii Kai housing association - negative for CRB.

OUTREACH

- 46 members of the public interacted with in the field during this reporting period.
- 28 public reports responded to during this reporting period.
- 10 businesses were interacted with in the field during this reporting period.
- Poster presented at the International Congress on Entomology in Orlando, FL.
- Presentations made at Palolo Elementary School (30 students) and to the HART night crew (20 employees) and conducted outreach at the Waikale Premium Outlets mall and a Peace Day event (200 attendees).
- Participated in meetings to discuss the CRB response and the Guam biotype (at ICE), met with staff in the Honolulu C and C Emergency Management Center, bi-weekly military updates at JBPH-H and bi-weekly CRB inter-agency meetings.

MITIGATION

- 3,641 trap services conducted on 2,995 total traps during this reporting period.



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- Areas of detections
- Trap
- 2 Mile Buffer of Trap Detections
- JBPHH
- ON BASE