

## Coconut Rhinoceros Beetle Response Update February 7-20, 2016

- Detections
  - Changes in reporting CRB detections:
    - It has been determined that the date from panel and barrel trap detections are the most robust and best indicator of CRB activity, therefore; effective immediately, reporting numbers only reflect the numbers of adult beetles caught in these traps since the project's inception.
  - On Base (All DOD property on O'ahu; including Joint Base Pearl Harbor-Hickam (JBPHH))
    - 57 adults detected of 2290 adults total detected since 12/23/2013.
  - Off Base:
    - 3 adults detected of 210 adults total detected since 12/23/2013
- Surveillance
  - Approximately 2 square miles of palm surveys have been conducted during this period.
  - Three (3) high-risk mulch sites were surveyed with no adults or larvae detected.
  - Investigation into possible breeding sites continues within established buffer zones.
  - Over 2,700 CRB traps are currently in active service on O'ahu.
- Mitigation
  - Plans to move Air Curtain Burners (ACBs) from Mamala Bay Golf Course to the Fire Burn Trainer on JBPHH are underway.
  - A social media campaign to build public awareness was launched by the Hawai'i Invasive Species Council (HISC) Research on Instagram (@HISC808).
- Research
  - A CRB research center is being prepared at UH Manoa with an anticipated completion date of February, 2016. Site inspections and permits must be obtained before it can be used.
  - Research is still underway to better understand the cyclic nature of weekly, monthly, and annual trap capture rates.
- Beetle Fact
  - Hinckley (1973) found that after feeding, adults could travel distances between 2 and 4 km (1.24 to 2.48 mi).