

Coconut Rhinoceros Beetle Response Update

March 20 – April 2, 2016

- Detections
 - On Base (All DOD property on Oahu; including Joint Base Pearl Harbor-Hickam (JBPHH))
 - 45 adults detected (of 2,421 adults detected since 12/23/2013).
 - Off Base:
 - 18 adults detected (of 249 adults detected since 12/23/2013).
- Surveillance
 - Investigation into possible breeding sites continues within established buffer zones.
 - 36 mulch piles surveyed in total this period; including:
 - Two mulch piles in Mililani.
 - 12 mulch piles at Pu`uloa Small Arms Range (MCBHI)
 - Large area in Ewa.
 - In-depth breeding site survey of previously inaccessible property in Ma`ili scheduled.
 - 15 palms inspected in Nanakuli – no new damage observed.
 - Tree damage survey conducted on large property in Ewa – no damage observed.
 - Tree damage resurvey conducted at Ke`ehi Lagoon Beach Park – no new damage.
- Mitigation & Outreach
 - 3,216 trap services were conducted on the 2,880 traps installed on Oahu.
 - 22 new traps deployed in Ewa Beach, Mamala Bay, Nanakuli/Ma`ili and Waimanalo.
 - Air Curtain Burners (ACBs) from Mamala Bay Golf Course have been moved to the Fire Burn Trainer on JBPHH and scheduled to be operational on 4/4/2016.
 - 9 public reports serviced.
 - 8 additional residents and 3 property owners contacted in the Nanakuli community.
 - Information presented at NAVFAC PAO, JBPHH, CGAPS and HISC Outreach Working Group meetings
- Research
 - A CRB research center is being prepared at UH Manoa. 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
 - There can be considerable variation in body size and the length of the cephalic horn in both males and females. This is correlated with the larval development (Gressitt, 1953).