Oriental fruit flies being targeted at Central Oahu
R. Mau

After the encouraging success on the implementation on melon fly suppression program, our next target at the Ewa suppression zone on Oahu is the oriental fruit fly. Oriental fruit fly (OFF) has a wide host range, including major fruit crops such as mango, oranges, pumello, guava, papaya etc. The geographic information system (GIS) for OFF has consistently shown a single hot-spot on the farm. Hence, our target will be a small commercial citrus orchard of orange, pumello, lemon and lime.

We will begin the suppression program using sanitation, male annihilation, protein bait spraying tactics. The male annihilation tactic using methyl eugenol baited traps will be the primary control factor. Sanitation and GF-120 bait sprays will be complementary control tactics in the integrated program. Methyl eugenol is a lure, that is highly effective for male OFF. Annihilation trapping density will be at a reduced rate of only 3 traps per acre due to the integrated nature of the program.