Sterile and Parasitoid Insects Airborne

To bring the grower community up to date on the progress of the area wide program in Kamuela, we have included the latest baseline & grid trap catch averages. Figure 2 shows the average catch of melon fly in Lalamilo farm lots + one site in East Waimea or the baseline trap catches. Similarly, Figure 3 demonstrates the average melon fly catch at 1 trap per Km² (Figure 3) or an average trap catch for the grid area of Kamuela.

In spite of outbreaks of melon flies in various pockets of host plant material, the over-all average remains below **0.01 catch per trap per day** (CPTD). This does not mean growers should become complacent about removing damaged fruit from their fields. Melon flies are still present. It is important to continue the prevention of melon flies by good field sanitation and protein bait applications. For example, on one Kamuela farm 300 flies were recovered in an augmentorium just last week (Figure 4).

Sterile male melon flies have been released for the last two weeks in east Waimea. Their movement and impact on fruit fly suppression is currently being evaluated. On a different note, Biolure™ traps have been deployed in Mediterranean fruit fly host plants with the hopes to prevent the buildup that occurs during the summer months (Figure 5). GF120™ Bait spray is also effective against the Medfly. However, for additional information about the application of GF120™, crop listing, and application rates, read the supplemental label or consult with a HAW-FLYPM representative.
Kamuela Catch Per Trap Day Using Cue-lure
2/11/02 & 2/19/02

Weekly Delivery!
Sterile and Parasitoid Insects are being released in Kamuela on a weekly basis!