**Kula Implementation Program**

**Melon Fly.** It seems that the wheels have fallen off the wagon on Maui. As shown in Figure 7 melon fly populations have increased drastically throughout the fruiting vegetable parts of the area wide zone. Please note the high fly numbers and variability of trap catches during the last 6 weeks. We are not sure what has happened. We continue to believe that changes in on-farm management practices are responsible for increased breeding. On-farm sanitation practices have not been very good for a variety of reasons.

Some growers believe that melon flies from adjacent pastures are overwhelming the farms. This may be so, and we are checking into this. Two trap lines (6-traps per transect) were set from farms into adjacent non-crop areas. A third transect will be established this week. After one week, we can say the following. Yes, there were flies caught, but there were not very many. Melon fly males trapped in the non-crop areas averaged 5 to 7.5 per trap day. In comparison on-farm counts range generally from 50 to more than 100.

We need to continue to focus on on-farm sanitation and prudent use of GF-120. In the meantime, the Maui and Oahu staffers will implement the male annihilation tactic beginning June 27. We expect that it will take at least two weeks to fully implement the tactic.

**Med Fly.** Med fly numbers have also increased during the past month (Figure 8). We believe that this was largely due to production from wild-stands of loquats and stone fruits. Although loquats and stone fruits have become labeled for GF-120 use, we cannot legally treat these crops without a label amendment from the manufacturer. In the meantime, we have stepped up mass trapping with Biolure baited Multilure traps on persimmon farms. There is an indication that Medfly populations are beginning to decline. If so, this will be a great relief to the concerned growers.

A meeting to review the proper use of GF-120 fruit fly bait and our expectations of cooperators will be held in July. Pesticide license credits will be offered.