HAW-FLYPM
Hawaii Area Wide Fruit Fly Integrated Pest Management Program

Cooperating Agencies: United States Department of Agriculture, Agricultural Research Service (USDA-ARS), University of Hawaii Cooperative Extension Service (UH-CES) and the Hawaii Department of Agriculture (HDOA)

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PROGRAM UPDATE

The purpose of this HAW-FLYPM newsletter is to provide you with current updates on fruit fly populations in the Kamuela area and keep you abreast with new developments in the HAW-FLYPM program. As of April 2001, there is a complete year of fruit fly monitoring data available for the agricultural area (baseline) and general area of Kamuela, Hawaii. Monitoring data can be found at the HAW-FLYPM website http://www.extento.hawaii.edu/fruitfly under Information Transfer. Monitoring information helps the HAW-FLYPM program understand the distribution of fruit fly populations within Kamuela area, and assist HAW-FLYPM in developing sustainable fruit fly suppression tactics.

The HAW-FLYPM program recently completed an educational workshop/on-farm demonstration for growers in the Kamuela area. This workshop covered fruit fly identification, fruit fly biology/lifecycle, in-field sanitation practices, and briefly touched on the application of the fruit fly protein bait, GF-120. The USDA-ARS and UH CES are developing additional educational programs. Workshop announcements will be mailed when workshop dates are finalized. Stay tuned.

HAW-FLYPM staff members are observing a higher level of commitment to field sanitation and cultural practices by growers in the grid region. Removal of culled fruit from fields can greatly reduce the build up of fruit fly populations on-farm. Delay in cull removal or destruction allows reproduction to continue and increases fruit fly populations on-farm.

Lastly, HAW-FLYPM is gearing up for male annihilation in Kula and Kamuela, Hawaii.

What is Male Annihilation?

Male annihilation involves mass trapping using male lures such as methyl eugenol or cue lure with an approved killing agent to provide “area-wide” suppression. Attractants can be applied in traps on fiberboard blocks or in a gel formulation and maintain its effectiveness for up to several months.

Aloha!
The purpose of this newsletter is to provide you with current updates on fruit fly populations in the Kamuela area. We hope this information will be useful to you.

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