Resistance Management in Mosquito Control III

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Center for Vector Biology

School of Environmental and Biological Sciences

Event AE0601 / Sub-Event CD11

Date(s): *October 4th & 5th, 2011*

Time: *Tuesday 9:30 AM – 2:30 PM, Wednesday 10:00-1:00*

Place: *Cape May Department of Mosquito Control, Cape May Court House NJ*

Registration fee: *$390.00 (Covers lunch & supplies for both days)*

Why participate in this training: *Monitoring insecticide resistance (IR) is an important component of truly integrated pest management programs. The larval bioassay technique(s) demonstrated in this course are an extension of prior years training, simple and relatively inexpensive to perform.*

Topics include: *Rationale, review of the materials needed, safe lab practices, micropipetting, preparation of stock solutions and serial dilutions, bioassay set up, dosing cups, scoring mortality, entering data, running Polo Plus® and interpreting results.*

Goals: *Build on the two previous classes. Provide supervised hands on forum for initial insecticide efficacy trials through standard larval bioassays. Establish baseline susceptibility values on local fauna. Aid mosquito control programs in monitoring insecticide resistance in a consistent and comparable manner. Generate baseline data to monitor local mosquito populations that can be shared with neighboring programs, the New Jersey Agricultural Experiment Station, state, and federal agencies.*

A certificate will be provided to each participant who successfully completes the training.

***TO REGISTER*:**

By Mail: Send check, money order or purchase order (payable to Rutgers, The State University of NJ) to: **Office of Continuing Professional Education, Cook College, 102 Ryders Lane, New Brunswick, NJ 08901-8519 Attn: Scott C. Crans**

By FAX: (732) 932 8726, 24 hours. Please include a copy of check, money order or PO with fax registrations.

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Workshop cost: $390.00

Multi-student discount (two or more students from the same agency) $300.00 ea.

(All necessary materials, including lunch, will be provided for each participant)

Students will need to supply their own mosquito larvae for the baseline LC 50 work! For those wishing to work with Aedes, start collecting your eggs on egg papers now so you can hatch them ~six days in advance of the course. For your permanent water species (Culex) you will need to set out suitable oviposition substrate at least two weeks in advance of the class in order to generate the 1000 or so late instar larvae required to run the bioassays. Additional information for the course will be provided to all students following receipt of registration.

REGISTRATION FORM

Name:	***NJMCA Member Y/N***	***Rate:***	***Subtotal:***
	Total Due:		

Total Fee Enclosed: $_____

Employer: _____

Address: _____

Phone #: _____

Fax #: _____

Email: _____

Please make checks payable to: Rutgers, The State University of NJ