

RUTGERS

New Jersey Agricultural
Experiment Station



Resistance Management in Mosquito Control IV

Scott C. Crans & Jack Petersen

Center for Vector Biology

School of Environmental and Biological Sciences

Event AE0601 / Sub-Event CB12

Date(s): July 19 & 20, 2012

Time: Thursday 9:30 AM – 4:00 PM, Friday 10:00-4:00

Place: Hunterdon County Department of Health, Flemington NJ

Registration fee: \$35.00

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: \$35.00

Students will need to supply their own late 3rd & early 4th instar mosquito larvae for the baseline LC 50 work!

Additional information for the course will be provided following receipt of registration

REGISTRATION FORM

<i>First Name:</i>	<i>Last Name</i>	<i>Title:</i>	<i>Fee:</i>
	<i>Total Due:</i>		

Total Fee Enclosed: \$ _____

Employer: _____

Address: _____

Phone #: _____

Fax #: _____

Email: _____

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