



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.

# RUTGERS

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## Resistance Management in Mosquito Control IV

**Workshop cost: \$35.00**

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

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

### **REGISTRATION FORM**

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

**Total Fee Enclosed: \$** \_\_\_\_\_

Employer: \_\_\_\_\_

Address: \_\_\_\_\_

Phone #: \_\_\_\_\_

Fax #: \_\_\_\_\_

Email: \_\_\_\_\_

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