



**Office of Indiana State Chemist**  
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## **Policy Statement 07-0402**

### **Calibration of Application Equipment for Community-Wide Mosquito Control**

#### **I. Introduction**

357 IAC 1-11 et seq. sets forth the regulation with respect to community-wide pesticide applications for the control of mosquitoes. Some pesticide labels for products used to control adult mosquitoes dictate that application equipment must be calibrated to produce a prescribed droplet size. The following explanation should assist certified pesticide applicators in complying with label requirements to test application equipment at least annually for droplet size and flow rate.

II. Before application of pesticides for the control of adult mosquitoes that require a certain droplet size, the certified applicator must have had the application equipment calibrated within the past twelve (12) months and be able to show documentation of that calibration. Such documentation must include:

- Date equipment was calibrated;
- Name, signature and company or association of person performing the calibration;
- Range of droplet sizes, including Dv 0.9 and Dv 0.50 (VMD);
- Nozzle pressure used for calibration;
- Medium used for calibration, i.e. AIMS (DC-3) or Teflon Slides (include spread factor used).

If you have questions concerning this policy, contact George Saxton at 765-494-1582 or [saxton@purdue.edu](mailto:saxton@purdue.edu).