

Brunswick County ULV Calibration Workshop

May 1st and 2nd, 2018

Brunswick County Operation Services
179 March 9, 1764 Dr. NE
Bolivia N.C. 28422

Brunswick County Operation Services is offering a two day Mosquito Control Workshop open to all mosquito personnel in NC. This is a 2 day training course. The first day will consist entirely of classroom training. See the agenda below.

The second day is strictly for ULV mosquito sprayer calibrations. If you need category B continuing education credits come for the first day. If you need to get your mosquito sprayer calibrated come the second day. Or come for both days.

There is no fee associated with attending this workshop.

Contact Jeff Brown at (910) 253-2507 or Jeff.Brown@Brunswickcountync.gov for more information. There is no cost, and 3.5 recertification credits will be offered. The classroom training will be held in the Cooperative Extension Training Room. Building N 25 Referendum Drive Bolivia NC 28422.

ULV calibrations will be conducted at 235 GREY WATER RD NE located off Highway 211 Also known as Green Swamp Rd in Supply.

You must have your ULV machines calibrated in order to use them in 2018. You must have all ULV machines calibrated to be in compliance with pesticide label requirements and existing NPDES regulations. Please have pesticide in the machine for calibration, and have the engine working.

Bring the pesticide label with you for the ULV product you will be using.

Class room Agenda May 1st:

- 9:00** Welcome with an Introduction to the Mosquito Life Cycle:
David M. Stanley III, MPH, REHS
Health and Human Services Executive Director
Brunswick County
- 9:10-9:40** **Public Education and Disease Education**
Abram Young Brunswick County Vector Control
- 9:30- 10:10** **Conducting Backyard Inspections for Container Mosquitoes**
Wendy Horsley Brunswick County Vector Control

10:10-10:30 Break.

10:30-11:00 Adult Mosquito Surveillance Techniques and Strategies.
Marie Hemmen- New Hanover County Health Department

11:00-11:30 Mapping—Developing Mosquito Control Data Layers Using GIS Technology
Abram Young Brunswick County Vector Control

11:30-12:00 Insecticide Resistance (procedures, importance, and results) from the North Carolina Insect Resistance Study in 2017.
DR. Stephanie Richards MSEH, PhD- East Carolina University

12:00- 1:00 Lunch Break

1:00- 1:30 Aerial Larval technology, Targeting Larval Habitats
Matthew DuPont Brunswick County Vector Control

1:30-2:00 Targeting Ulv Applications Spatially Using Mosquito Bionomics and Environmental Triggers
Jeff Brown-Brunswick County Vector Control

2:00-2:30 ULV Action Thresholds: Pros and Cons, and How to Create Them
Michael Doyle State Public Health Entomologist, Division of Public Health, Communicable Disease Branch, North Carolina Department of Health and Human Services

2:30-2:45 Break

2:45- 3:15 How to Read A Pesticide Label
Mark Blevins Director of Brunswick County Cooperative Extension

3:15-3:45 NPDES and Pesticide Record Keeping, A Critical Component
Abram Young –Brunswick County Vector Control

3:45- 4:15 Pesticide Storage and Spill Response Procedures
Jeff Brown Brunswick County Vector Control

4:15 Wrap up and Directions to tomorrow's ULV calibrations