



OHIO MOSQUITO CONTROL ASSOCIATION
12300 Spruce Pointe
Strongsville, OH 44149



OHIO MOSQUITO CONTROL ASSOCIATION

NEWSLETTER

by the OMCA Board Members

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www.ohiomosquitocontrol.org

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Grant-In-Aid Program

Grant-In-Aid is available thru OMCA for up to \$1,000 to fund projects related to vector biology, ecology, surveillance or control.

The Grant can be awarded to:

- Local or State mosquito control personnel
- Student research projects

Application requirements:

Please submit the following to the OMCA Board of Directors:

- Project description (1 page limit)
- Project time line (1 page limit)
- Proposed project budget* (1 page limit)

**Travel funds to present project at the OMCA Annual Meeting may be included in the budget.*

Deadline:

All information should be postmarked by **July 1, 2011**.

Miscellaneous information:

- Example applications available upon request.
- Recipients are awarded a one year OMCA membership.
- Recipients are expected to present results at the first annual meeting following your proposed deadline.

Please mail to: Mary Daniels
Ohio Department of Health
8955 E. Main St.
Reynoldsburg, OH 43068-6430
mary.daniels@odh.ohio.gov

Mark Your Calendars / Call for Speakers

The annual meeting of the OMCA is set for:
November 13-15, 2011
University Plaza Hotel, Columbus, Ohio

Have you seen a great talk or do you know of someone working on an interesting project who would like to talk at the OMCA meeting? If so, please contact Michael Cooper at cooper@health.athens.oh.us.

2010 US and Ohio Surveillance Summary

The year ended with 981 human cases (45 fatalities) of WNV in 40 states, including 5 Ohio cases reported from Allen (1) Hamilton (1) Montgomery (1) and Putnam (2) Counties. In addition, 692 dead birds and 9,873 mosquito pools (260 in Ohio) tested positive nationwide.

Other 2011 Arboviral Cases:

- 8 human cases of SLE reported in Arkansas (2), Michigan (2), Missouri (1), and Texas (3);
- 70 human cases of LAC in states of the Mid West, including Ohio (24), and the southern Appalachian region;
- 10 human cases of EEE in Florida (4), Massachusetts (1), Michigan (3) and New York (1), Rhode Island (1) and 231 equine EEE cases including horses from Ohio in Mercer (2), Sandusky (1) and Williams (1) Counties;
- 5 cases of Powassan Virus in Minnesota (2) and Wisconsin (3).

PRESIDENT

Mary Daniels, M.P.H.

Ohio Department of Health
8995 E. Main St.
Reynoldsburg, OH 43068
Phone: (614) 752-1030
Email: mary.daniels@odh.ohio.gov

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Phone: (740) 927-4034
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Aedes albopictus Mosquito photo above by James Gathany.

All photos in this newsletter are by James Gathany or an unknown photographer and were obtained from the CDC.

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Message from the President

I would like to begin my first message as president by saying 'thank you' to the OMCA members for giving me the opportunity to serve this organization. And, I'd like to recognize my fellow board members for their hard work organizing the 2010 meeting and planning for a successful 2011 meeting scheduled for November 13-15 in Columbus, Ohio. This message also gives me the chance to talk to you about what's been happening in the mosquito world since we last saw each other.

NPDES continues to make the news and the April 9, 2011 deadline is approaching. Changes to language in the Clean Water Act have been suggested to exempt public health from needing a permit. See inside for details on the latest from AMCA, USEPA and Ohio's House of Representatives.

Considering the winter we had in Ohio, it's possible that people may have forgotten about mosquitoes and vector-borne disease. However, the vectors don't forget and the diseases they transmit remain a problem. Last year, Ohio reported 24 of the 70 La Crosse Encephalitis (LAC) cases in the US. La Crosse is endemic to Ohio and is an underreported disease in the US because of the lack of confirmatory testing. In addition to our 24 cases, Ohio also had 14 suspect LAC cases. Ohio reported Eastern Equine Encephalitis (EEE) activity in horses in late summer and saw an increased number of deer ticks found in Coshocton County. These reports highlight the need for continued surveillance and education to prevent mosquito and tick-borne disease in Ohio. See the Surveillance Summary inside for a listing of final numbers for Ohio and the US.

Spring is the time to gear up for the mosquito surveillance season and inside this newsletter, you will find information about our spring vector-control workshops scheduled for Tuesday – Friday, June 7-10, 2011. The workshops will run more smoothly if you have your machines calibrated ahead of time and ready for droplet testing when you arrive at the workshops. We will be inviting several vendors to the workshops who will hopefully be onsite to help with any last minute calibrations before the droplet testing. The Ohio Department of Health (ODH) will no longer be able to contract with OSU for organizing the workshops – and this gives the responsibility back to OMCA. It has been a very long time since we increased fees for the droplet testing, but this year, in order to cover our costs without the help of a contract with OSU, the board decided to increase the registration fee. The good news is that the education sessions at Whitehall and Lake Co. have returned this year and CEUs will be available.

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Submission procedures for WNV mosquito testing will work much the same way it did last year through the Ohio Department of Health. See inside for details about mosquito submission and testing.

There have been some changes to our board of directors. Joe Lynch from the Cuyahoga County Board of Health has graciously accepted the post of Treasurer. Welcome back to the Board, Joe! This change in treasurer hasn't happened for many moons as Mr. Chuck Pyle served as Treasurer for 18 of his 26 years (and counting) as an OMCA member. And, Chuck isn't going anywhere – he will be serving as Member at Large on our OMCA Board of Directors. Thank you both for your dedication to this organization. All fees including membership renewals, conference and workshop registrations and other Treasurer correspondence will now be mailed to: Joe Lynch, OMCA Treasurer, 12300 Spruce Pointe, Strongsville, OH 44149.

Thank you all for your continued support of OMCA and I look forward to seeing you this summer and at our 2011 meeting in Columbus.

Your President,

Mary K. Daniels

2011 Surveillance Procedures

Mosquito season is right around the corner and this is a good opportunity to review the arbovirus surveillance and testing procedures for 2011. Things will work very much like last year, except that ODH may no longer be able to send a weekly spreadsheet of Ohio WNV activity. Positive pools will still be reported quickly to the submitting agency. Please read through these procedures and contact ODH with any questions or concerns you may have.

Birds

We will be unable to test dead birds this year. However, we recommend that you continue to consider reports of dead crows and blue jays to be potential indicators of WNV activity. This information can be mapped and is useful in determining where to target mosquito surveillance and control efforts.

Mosquitoes

We recommend that you start collecting mosquitoes in mid-May and we will be accepting collections beginning the week May 16th. Please keep mosquitoes frozen before and during transport. We recommend the use of CDC-gravid traps for WNV surveillance because they target Culex species, which are the most important vectors of WNV. If you plan to submit light trap samples, please contact us first.

- Use the US Cargo account code: OHAGRI.
- We will notify agencies of positive mosquito pools by email. Positive results will be emailed each morning based upon the previous day's testing.

We will make every effort to help you have a successful surveillance season. As the summer progresses, we will keep you updated if there are any changes.

Vector Control Workshops

for mosquito control applicators
Registration form to the right

June 7 – Whitehall
Whitehall Community Park
402 Hamilton Rd., Whitehall
Education session & license exam
ULV Droplet testing



June 8 – Whitehall
Whitehall Community Park
402 Hamilton Rd., Whitehall
ULV Droplet Testing ONLY

June 9 – Painesville Area
Lake County Health Department
550 Black Brook Rd., Painesville Twp.
Education session & license exam
ULV Droplet testing

June 10 – Toledo Area
Toledo Area Sanitary District
5015 Stickney Ave., Toledo
ULV Droplet Testing ONLY



NPDES News

On March 3, 2011, the U.S. Environmental Protection Agency (EPA) requested a 6-month extension to allow more time for pesticide operators to obtain NPDES permits. These permits will be required for all mosquito control operators discharging pesticide into U.S. waters. On March 28, 2011, the Sixth Circuit of Appeals granted EPA's request for the extension, extending the deadline for obtaining permits from April 9, 2011 to October 31, 2011. This effectively gives Ohio's operators until next mosquito season to obtain permits.

In support of a request from Joe Conlon of the American Mosquito Control Association (AMCA), OMCA's Board of Directors submitted a letter on February 17th, 2011 to Governor Kasich requesting an amendment to the Clean Water Act that reads: "Pesticides identified as public health pesticides shall not be defined as pollutants when applied according to FIFRA labeling and shall not require NPDES permits." You can read the letter in its entirety on our website at www.ohiomosquitocontrol.org.

Representative Gibbs of Ohio's 18th Congressional District introduced a bipartisan Bill as part of the Reducing Regulatory Burdens Act of 2011 to amend FIFRA and the Clean Water Act to clarify Congressional intent. This legislation would eliminate the requirement of an NPDES permit for the use of FIFRA-registered pesticides and try to hold the laws to their original intent.

Mosquito Control Program & ULV Testing

ULV Droplet Testing available morning & afternoon at all locations.

Important! Applicators should bring their mosquito application equipment for the testing of ULV droplets. Machines must be in working condition and calibrated prior to the workshop. Droplets can only be measured using pesticide. Have pesticide in the tank.

Education Sessions (June 7 & 9 only)

Morning

- 8:30 – New Applicator Training for Core
Ohio State University Extension
New Applicator Training for Category
- 9:30 – 10d Mosquito, Housefly and Vector Control
Ohio Department of Health
- 10:30 – Licensing Exam
Administered by the
Ohio Department of Agriculture
- 12:00 – Lunch (on your own)

Afternoon

- Pesticide Applicator Recertification Credits available for afternoon education sessions only.
- 1:30 – Regulatory Info Update (Core credit 1/2 hour)
Ohio State University Extension
- 2:00 – Biology and Control of Ticks (Category 10d, 1/2 hour)
Ohio Department of Health
- 2:30 – Ohio Vector-borne Disease Update (Category 10d, 1/2 hour)
Ohio Department of Health
- 3:00 – Adjourn

Sponsored by The Ohio Mosquito Control Association in cooperation with Whitehall City Street Department, Lake County Health Department, Toledo Area Sanitary District, OSU Extension and the Ohio Department of Health.



Registration

Vector Workshops for Mosquito Control

Name(s) _____

Organization: _____

Address: _____

City: _____ Zip: _____

Phone: (_____) _____

E-mail: _____@_____

Workshop you will be attending: (check one)

<input type="checkbox"/> June 7 - Whitehall	<input type="checkbox"/> June 9 - Painesville
<input type="checkbox"/> # of machines for ULV Droplet Testing	<input type="checkbox"/> # of machines for ULV Droplet Testing
<input type="checkbox"/> I will attend the morning education session	<input type="checkbox"/> I will attend the morning education session
<input type="checkbox"/> I will take the core & category 10d license exam	<input type="checkbox"/> I will take the core & category 10d license exam
<input type="checkbox"/> I will attend the afternoon education session	<input type="checkbox"/> I will attend the afternoon education session
<input type="checkbox"/> June 8 - Whitehall	<input type="checkbox"/> June 10 - Toledo
<input type="checkbox"/> # of machines for ULV Droplet Testing	<input type="checkbox"/> # of machines for ULV Droplet Testing
<i>No education sessions or exams offered June 8</i>	<i>No education sessions or exams offered June 10</i>

Payment Type: (choose one) Registration is \$20/person or machine

\$20/person if attending educational session – machines are free
OR \$20/machine if no one is attending education session

Check Number _____ (payable to Ohio Mosquito Control Association)

Purchase Order Number _____ Federal Tax ID #34-1507500

Cash (bring with you on day of event – do not mail)

Mail form to:

Joe Lynch
OMCA Treasurer
12300 Spruce Pointe
Strongsville, OH 44149