

The Skeeter

Newsletter of the Nebraska Mosquito and Vector Control Association (NMVCA)

www.nemosquito.org

April 2018

Summer Mosquito Control Workshops!

June 5-8, 2018

The goal of these workshops is to provide training necessary to help deal with community mosquito control problems, including NPDES issues. Topics to be covered include mosquito biology, larviciding, adulticiding, pesticide safety, NPDES regulations and public relations. These workshops are open to all interested individuals. The educational portion for all four workshops will be from 9:00 am to 1:00 pm. Calibration and droplet testing of spray trucks will occur in the afternoon at each site. Registration will begin at 8:30 am. Lunch is included with each registration! Workshop registration fees and dates are listed on the *Registration Form (page 3)*.



2017 Zika Virus & West Nile Virus

Updates for Nebraska on Page 2.

Mosquito Control Grants Winners!!



The NMVCA is awarding

THREE grants for \$500 each



to:

Crete, Morrill, and Sargent!

The NMVCA has awarded Mosquito Control Grants
totaling \$10,000 over 10 years!

Zika Virus is the newest mosquito-borne virus to enter the U.S. According to www.cdc.gov, the Zika Virus is spread through the bite of an *Aedes aegypti* or *Aedes albopictus* mosquito. The most common symptoms are mild fever, rash and joint pain lasting a few days. Only 1 in 5 with the disease show symptoms. The virus remains in the human blood system for a few days. Deaths are rare. Recently, in South & Central America severe symptoms have been observed in newborn children from mothers infected with the virus, with symptoms including birth defects and birth complications. It is not known when during pregnancy the virus transmission from infected mother occurs.

Nebraska had 2 cases of Zika during 2017 and all were travel-related. The container-breeding *Aedes aegypti* and *Aedes albopictus* mosquitoes are rarely found in Nebraska and so mosquito transmission in Nebraska will be unlikely. Florida had the highest number of cases in 2017 and all were travel-related. Puerto Rico had Zika cases that were transmitted by *Aedes* mosquitoes on the island.

West Nile Virus will be more important for Nebraskans since the *Culex* mosquitoes that can transmit this virus are very abundant. Most people infected with West Nile Virus show no symptoms. People with mild infections will have a fever, body aches and rash. Severe infections develop quickly with severe headaches, fever, disorientation and convulsions.

Nebraska is in the top 3 states in total cases, deaths and positive blood donors. In 2017, Nebraska had 68 cases of West Nile Virus with 2 deaths and 18 positive blood donors. Nebraska averages over 100 cases per year with 2 deaths per year and 15 positive blood donors per year. The West Nile Virus cases peak during the fall months when the *Culex* mosquitoes are most abundant. *Culex* mosquitoes lay their eggs on standing, stagnant water in both irrigated agricultural fields and containers.

2018 NMVCA Calendar of Events

NMVCA Workshops: 9:00-1:00, calibration follows

Lincoln Mosquito Control Workshop

Tuesday, June 5th, 2018
Lancaster Event Center
84th & Havelock
Lincoln, NE (402) 441-6545

Burwell Mosquito Control Workshop

Wednesday, June 6th, 2018
Burwell Fairgrounds
(712) 790-3372

Minden Mosquito Control Workshop

Thursday, June 7th, 2018
City of Minden Fairgrounds

Gering Mosquito Control Workshop

Friday, June 8th, 2018
Convention Center
City of Gering
(712) 790-3372

2018 Annual NMVCA Educational Conference

October 11 & 12, 2018 in Lincoln, NE in Lincoln, NE
Keynote Speaker: Kirk Tubbs, Manager
Twin Falls, Idaho Pest Abatement District

(Note: The banquet site may not be the car museum due to logistical issues. Details will be provided at a later date.)

For more information on the Workshops or the Annual Meeting, contact:

Tom Janousek: (402) 672-0930
tjmosq@msn.com

Did you know.....

You can get important information on Pesticide Applicators licenses, pesticides and more at:

www.PestEd.unl.edu

or other important pesticide publications at:

www.extension.unl.edu

Nebraska Mosquito and Vector Control Association

2018 Membership Dues and Summer Workshop Registration Form

Names _____

Agency _____

Address _____

City _____ State _____ Zip _____

Phone _____ E-mail (not required) _____

Receive Newsletter by E-mail

Nebraska Mosquito and Vector Control Association 2018 Dues:

_____ \$15 yearly membership only and will not be attending Summer Workshops or Fall Meeting



Summer Workshops:

_____ \$35 per person attending (covers lunch, meeting expenses & 2018 membership dues)

_____ \$25 per machine calibration and droplet sizing. Number of machines _____

_____ \$20 Vendor registration per site, towards table set up at morning educational session only. Does not include NMVCA membership.

_____ **Total enclosed**

Check which workshop you will be attending:

_____ Lincoln, Tuesday June 5th @ Lancaster Event Center, 84th & Havelock

_____ Burwell, Wednesday June 6th @ Burwell Fairgrounds

_____ Minden, Thursday June 7th @ Minden Fairgrounds

_____ Gering, Friday June 8th @ City of Gering Convention Center

All workshops will be from **9:00 to 1:00** with calibration & droplet testing following.

Please make checks payable to NMVCA. All fees must be paid by the day of registration. We will not bill agencies or issue purchase orders or invoices.

Mail this registration form (and checks payable to NMVCA) to:

Marg Root

689 Elm St.

Ashland, NE 68003

Phone & Fax: (402) 944-7404

Further questions contact Tom Janousek (402) 672-0930 or tjmosq@msn.com

Nebraska Mosquito & Vector Control Association
689 Elm St.
Ashland, NE 68003



Important Notice!!

Applicators controlling mosquitoes and other disease vectors are required to be licensed in the Public Health category (09) if:

- *Applications are made using general use pesticides on behalf of a city, town, or other community **OR***
- *Applications are made using restricted use pesticides*

Please contact Nebraska Department of Agriculture at:

877-800-4080

2018 NMVCA Mosquito Control Grant Winners:

Crete, Morrill, and Sargent!