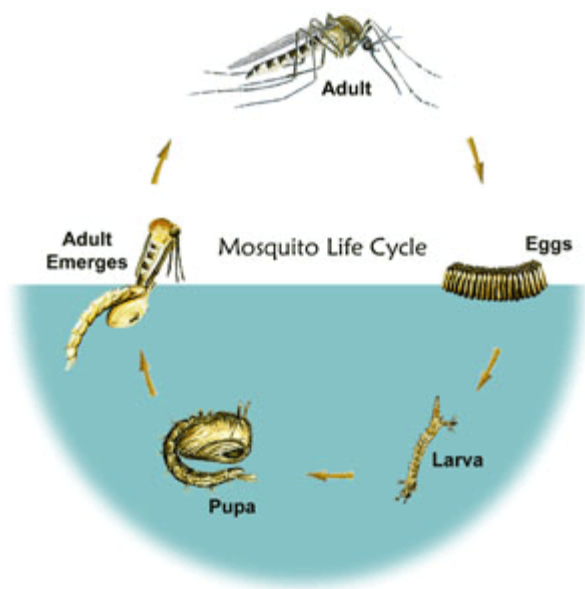


IMPORTANT INFORMATION FROM THE COUNTY OF GLOUCESTER MOSQUITO CONTROL COMMISSION - APRIL 2006

The County of Gloucester Mosquito Control Commission in conjunction with the County of Gloucester Department of Public Works - Mosquito Control Division would like to take a minute of your time to tell you about our control program for the upcoming season. For the last few years we have been using an **Integrated Mosquito Management Program**. Integrated programs are recommended by the Virginia Department of Health (VDH), Environmental Protection Agency (EPA), Center for Disease Control (CDC), and American Mosquito Control Association (AMCA). By Integrated, we mean that our program does not rely solely on one control method; rather we use several methods in a predefined order. These methods and order are:

1) PUBLIC EDUCATION \ OUTREACH such as this information as well as our request that citizens call the mosquito control office at **693-6269** to report suspected mosquito breeding grounds or to report adult mosquito activity.

2) SOURCE REDUCTION \ ELIMINATION which means the reduction of areas that can support mosquito breeding. Mosquitoes need standing water to lay eggs which turn into larva, then into pupa, and then into flying, biting, adults. The elimination of standing water eliminates mosquitoes around your house. See the information



provided by the Virginia Cooperative Extension printed on the reverse side of this notice for some helpful ideas.

3) LARVICIDING which means applying chemicals to standing water (ditches, etc.) which kill mosquitoes in the larval stage of development before they turn into flying, biting, adults.

4) ADULTICIDING which means applying chemicals to the air to kill mosquitoes that are already flying, biting, adults. This is the least effective method because the adulticide chemical applied from truck mounted foggers must contact the adult mosquitoes while they are flying to be

effective. The chemical breaks down quickly to limit environmental concerns and has no lasting effect on mosquitoes after the fog dissipates.

Consider this ... the larva from a one acre area can lead to 500 acres of flying, biting, adult mosquitoes. It is much easier to control one acre of larva than 500 acres of adults. Many control activities are conducted before citizens ever see the adulticide fogging trucks. Last year the mosquito control districts experienced historically low numbers of flying, biting, adult mosquitoes. We believe this is due to the significant increase in the program's reliance on larviciding and by our placing the importance of larviciding in front of adulticiding.

August 3, 2001

Don't Give Mosquitoes A Place to Live at Your Home

BLACKSBURG -- Most of the time mosquitoes only are annoying; however, they also can carry diseases.

Virginians need to eliminate mosquito breeding places to not only reduce the nuisance of being bitten, but for health reasons as well, said Sally Paulson, associate professor of entomology at Virginia Tech. Several of the species of mosquitoes that live in Virginia can transmit diseases to humans and animals.

Here are the health department suggestions:

- Dispose of cans, bottles, and plastic containers. Store items to be recycled in covered trashcans or sealed bags.
- Eliminate discarded tires. Drill drainage holes in tires used for playground equipment.
- Clean roof gutters and downspout screens regularly. Eliminate standing water on flat roofs.
- Turn over plastic wading pools, wheelbarrows, and canoes.
- Do not leave garbage can lids upside down. Do not allow water to collect in the bottom of garbage cans.
- Flush birdbaths and potted plant saucers and trays twice a week.
- Adjust tarps over grills, firewood piles, boats, and swimming pools to eliminate standing water.
- Re-grade drainage areas and clean debris out of ditches to eliminate standing water in low spots.
- Clean and chlorinate swimming pools. Aerate garden ponds.
- Fix dripping water faucets, and eliminate puddles from under air conditioners.
- Store pet food and water bowls indoors when not in use.
- To protect yourself, wear long-sleeved shirts and long pants when outdoors, stay indoors at dawn and from dusk through the early evening, and use fine-mesh screens on windows and doors.
- If you decide to use an insect repellent, follow the label directions and precautions, Paulson said. These can be very effective and can be used safely. Properly used, DEET products are nearly 100 percent effective. Citronella products are 60 percent to 70 percent effective.

State health officials are being cautious about identifying the mosquitoes that carry diseases that are transmitted to humans and animals, but everyone can take care of their own backyard.

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