

May has been a busy month for mosquitoes in Beaver County. The unpredictable weather has made for challenging surveillance and control. Beaver County had the first reported West Nile Positive mosquito sample in the state of Pennsylvania this year, and one of the earlier reported West Nile Virus mosquito traps for the season. In May, we set 68 gravid traps and collected over 10,700 mosquitoes! We set several BG Sentinel traps and collected over 50 mosquitoes. We have also conducted 54 larval samples and collected over 200 larvae/pupae.

Due to the mosquito activity recorded, we conducted 2 adult control events by means of barrier treatment and thermal fogging and conducted 69 larval control events within the county.

We encourage all residents in the county to be aware of standing water on their properties that can lay stagnant for longer periods of time and can become a breeding area for mosquitoes. The less habitat available, the less mosquito breeding areas. By removing and dumping standing water and regularly cleaning birdbaths, outdoor pet water bowls, and other containers and keeping swimming pools clean and treated, it helps reduce potential mosquito breeding areas.

Tick surveillance in May has collected over 200 ticks of various life stages in the 13 tick drags conducted throughout the county. We encourage everyone to stay safe while enjoying the outdoors and wear protective clothing and use insect repellent. We are collecting both nymphal and larval life stages of ticks currently. Nymphal and larval ticks are very tiny and difficult to see, so be extra vigilant when doing tick checks on yourselves and your pets. Larval ticks can be the size of a period! (.)



For more information on protective measures against ticks and mosquitoes, please visit our website, our Facebook page, or feel free to contact us 724-387-1701 ext. 222.

MOSQUITO BITE PREVENTION

HOW TO PROTECT AGAINST MOSQUITO BITES



Mosquitoes bite during the day and night. They live indoors and outdoors. Protect your family from mosquito bites. Use insect repellent, wear long-sleeved shirts and pants, and take steps to control mosquitoes indoors and outdoors.

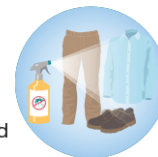
Use insect repellent

- Use Environmental Protection Agency (EPA)-registered insect repellents with one of the following active ingredients: DEET, picaridin, IR3535, oil of lemon eucalyptus, para-menthane-diol, or 2-undecanone.
- Always follow product label instructions.
- Reapply insect repellent as directed.
 - » Do not spray repellent on the skin under clothing.
 - » If you are also using sunscreen, apply sunscreen first and insect repellent second.
- The effectiveness of non-EPA registered insect repellents, including some natural repellents, is not known.



Wear long-sleeved shirts, pants Treat clothes and gear

- Wear long-sleeved shirts and pants.
- Treat items such as boots, pants, socks, and tents with permethrin or buy permethrin-treated clothing and gear.
 - » Permethrin is an insecticide that kills or repels mosquitoes.
 - » Permethrin-treated clothing will protect you after multiple washings. See product information to find out how long the protection will last.
 - » If treating items yourself, follow the product instructions.
- Do not use permethrin products directly on skin.



EPA-registered active ingredients

Higher percentages of active ingredient provide longer protection

DEET

Picaridin (known as KBR and icaridin outside the US)

IR3535

Oil of lemon eucalyptus (OLE)

Para-menthane-diol (PMD)

2-undecanone



Find the insect repellent that's right for you by using [EPA's search tool](#).

The EPA's search tool is available at: www.epa.gov/insect-repellents/find-insect-repellent-right-you



**U.S. Department of
Health and Human Services**
Centers for Disease
Control and Prevention