
Bradford County Mosquito Surveillance Team



The Buzz Busters is a volunteer group of citizens of all ages that help Bradford County Mosquito Control by monitoring mosquito populations in the county. The mosquito trapping efforts of the Buzz Buster volunteers were valued at \$45,000 in 2007.

The Buzz Busters use a pest control strategy called Integrated Pest Management (IPM). Using IPM means that you collect the most information about the pest and then treat it in the most environmentally efficient manner.

The Buzz Busters are supported by many agencies, including the Bradford Soil and Water Conservation Board, Bradford County Mosquito Control, Bradford County Extension, University of Florida Integrated Pest Management, University of Florida Medical Entomology Laboratory, Bradford County Schools and Boy Scout Troop 70.

What exactly do the Buzz Busters do? The volunteers use modern trapping techniques to monitor the adult and juvenile mosquito populations within their assigned zone from May to October. The trapped mosquitoes are used in a variety of ways.

First, if a body of water has a large enough population of mosquito larvae, they are treated using eco-friendly insecticides. This is an efficient way to kill mosquito populations since they are harder to target once they are airborne.

Second, if enough adults are collected in an over night trap the county is notified about the high population and they will spray insecticides to kill the flying adults.

Third, all of the mosquito samples are sent to the University of Florida Medical Entomology Lab in Vero Beach where they are used in state and regional mosquito population studies.

For more information about mosquitoes visit these web pages:

[The Mosquito](#)

[Mosquitoes Associated with Stormwater Retention Areas](#)

[Mosquito Repellants](#)

Diseases associated with mosquito bites:

[West Nile Virus](#)

[St. Louis Encephalitis](#)

[Malaria](#)

Call Jim DeValerio at 904-966-6299 for information regarding *The Buzz Busters*

For individuals with disabilities requiring special accommodations, please contact the Bradford County Extension Service at least 5 working days prior to the program in order for proper consideration to be given to the request. An Equal Opportunity Institution.
