



## The Best Science is used to Manage Disease-Carrying Mosquitoes

In our communities, West Nile virus and many other viruses are alien, invasive organisms. Disease-carrying mosquitoes can pose many risks, including:

- Health risks to people and wildlife
- Economic problems
- Environmental problems for our ecosystems

Mosquito management is part of our community's efforts to improve public and environmental health. Mosquito management professionals are charged with protecting the well-being of you and your fellow citizens by using science to better understand disease and injury risk.

For more than 100 years, scientists have conclusively shown that mosquitoes and the diseases they carry can cause appreciable risks to public and environmental health.

When mosquito populations need to be managed, public health professionals use science-based tactics that are effective and result in extremely low risks to you and to the environment.

### MESSAGE PROVIDED BY:



OUR MISSION IS TO PROVIDE LEADERSHIP, INFORMATION, AND EDUCATION LEADING TO THE ENHANCEMENT OF HEALTH AND QUALITY OF LIFE THROUGH THE SUPPRESSION OF MOSQUITOES AND OTHER VECTOR-TRANSMITTED DISEASES, AND THE REDUCTION OF ANNOYANCE LEVELS CAUSED BY MOSQUITOES AND OTHER VECTORS AND PESTS OF PUBLIC HEALTH IMPORTANCE.

[www.MOSQUITO.ORG](http://www.MOSQUITO.ORG)

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AMERICAN MOSQUITO CONTROL ASSOCIATION

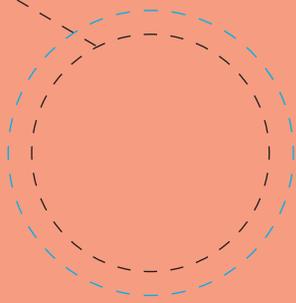


# Mosquito Control

## What we are doing & the science behind it



*Space for county contact info*



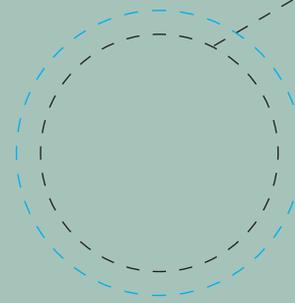
## What is the Risk to the Environment from Mosquito Control Products used to Treat Disease-Carrying Mosquitoes?

Mosquitoes and the diseases they carry can cause significant risks to you, your family, your pets, livestock and wild animals. In the United States, we see this risk with diseases such as West Nile, dengue, Zika and chikungunya. *Fortunately, mosquito control products are effective in reducing our exposure to these diseases.*

There is expressed concern that mosquito control products will cause harm to the environment, yet there is vast scientific evidence that the benefits of mosquito control outweigh the risks.

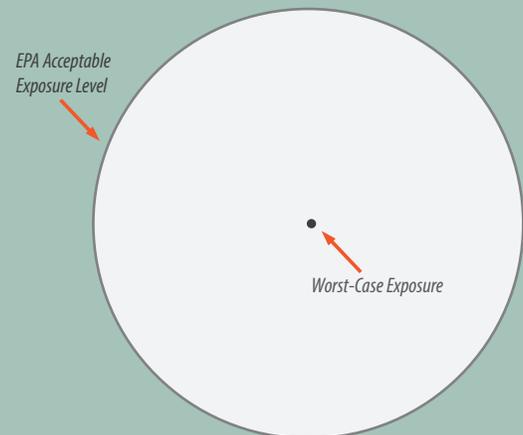


The most knowledgeable university and government scientists committed to protecting public and environmental health have extensively studied the environmental risks of mosquito control for many years. The results show risks can be effectively managed to minimize harm to the environment when mosquito control products are used properly by public health professionals.



## What is My Risk from Mosquito Control Products used to Treat Disease-Carrying Mosquitoes?

Extensive studies have evaluated the risk to people from exposure to mosquito control products. When public health professionals treat outdoor areas with these products, *studies show the exposure will not cause harm.*



The small black circle shows the worst-case amount of a person's exposure to permethrin during mosquito control, relative to the larger circle, which is the maximum amount of exposure allowed by the EPA based on numerous studies.

Effect on your health is one of the primary factors considered in the regulation of pesticides. Pesticides that are approved for use in mosquito control have been judged by the EPA not to pose an unreasonable risk to your health.

Evidence clearly shows exposure from the proper use of highly regulated mosquito control treatments by public health professionals will not harm you and your family.

