Adult Mosquitoes can be Effectively Controlled

Integrated Pest Management is effective in controlling adult mosquitoes that carry harmful diseases. When populations of adult mosquitoes reach threshold levels, mosquito management professionals charged with protecting public health take action to lower those populations.

We have long known that using mosquito control products to treat outdoor environments reduces populations of adult mosquitoes, although the reductions can vary depending on weather conditions at the time of treatment.

What has been more uncertain is the effect of the treatments on reducing infection rates in mosquitoes and on reducing disease in people and animals. Recent studies suggest these treatments effectively reduce pathogen infections in mosquitoes and subsequent disease.

Message Provided By: AMERICAN MOSQUITO CONTROL ASSOCIATION

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
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Mosquito Control Risk to People, Bees & the Environment
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.

Mosquito management is part of our community’s efforts to improve public and environmental health. Public health professionals use a well-understood and scientific approach called Integrated Pest Management (IPM). Because of its effectiveness, EPA and CDC encourage maximum adherence to IPM.

Mosquito control products are effective in reducing our exposure to diseases carried and transmitted by mosquitoes. However, there is expressed concern these products will cause harm to beneficial insects like bees that are important for pollinating plants.

Although bees may be sensitive to some mosquito control products, their risk can be effectively managed, as treatments are designed to target mosquitoes that fly at night. Most bees, including honey bees, are inactive and protected in their nests when treatments for mosquitoes occur.

There is vast scientific evidence that the benefits of mosquito control outweigh the risks of harm to bees when public health professionals properly treat with highly regulated products to control disease-carrying mosquitoes.