

COUNTY OF MORRIS
DEPARTMENT OF PLANNING & PUBLIC WORKS
DIVISION OF MOSQUITO CONTROL

Board of Chosen Freeholders

Director

Kathryn A. DeFillippo

Deputy Director

Hank Lyon

Douglas R. Cabana

John Cesaro

Thomas J. Mastrangelo

Christine Myers

Deborah Smith

P.O. Box 900

Morristown, New Jersey 07963-0900



County Administrator

John Bonanni

Director, Planning & Public Works

Deena Leary

Director

Kristian McMorland

973-285-6450

kmcmorland@co.morris.nj.us

Etofenprox Adulticide Fact Sheet
"Zenivex"

Municipalities are encouraged to share this information with all residents in their community

This Fact Sheet answers some basic questions about mosquito control products in use in your County. The Morris County Division of Mosquito Control, along with several other resources (listed at the end of this sheet), can provide more detailed information.

What is Etofenprox and how is it used?

*Zenivex*TM contains a pesticide called Etofenprox, a member of the category of pesticides called *non-ester pyrethroids*, which are synthetic versions of pesticides produced by plants called pyrethrins. Traditional pyrethroid/piperonyl butoxide mixtures are recommended for Ultra-Low-Volume (ULV) mosquito control in New Jersey by Rutgers, The State University of New Jersey. *Zenivex*TM is a non-ester pyrethroid, and therefore does not require a synergist such as piperonyl butoxide. The U.S. Environmental Protection Agency (EPA) has classified Etofenprox as a reduced risk molecule. It poses a low risk to human health and the environment when used properly as part of an integrated mosquito control program. As formulated in *Zenivex*TM adulticide, Etofenprox is considered a non-carcinogen, non-teratogen and non-mutagen.

This non-ester pyrethroid-containing product is used for the control of adult mosquitoes. While habitat management and measures to control immature mosquitoes in water are preferred and most used, the spraying of adult mosquitoes is necessary when biting populations reach critical levels or when a disease organism is present in adult mosquitoes. A very fine mist is sprayed into the air since flying mosquitoes must directly contact the pesticide in order for it to be effective.

How can I reduce my exposure to Etofenprox?

Because of the very small amounts of active ingredients released per acre, the risk to the general public from the use of non-ester pyrethroid-containing products is minimal. Avoiding exposure is always the

For statewide mosquito control information:
NJDEP Office of Mosquito Control Coordination **609-292-3649**

For local mosquito control information:
Morris County Division of Mosquito Control **973-285-6450**

For mosquito control recommendations:
Rutgers University, Department of Entomology **732-932-9437**

Spraying for adult mosquitoes is a last resort. Most mosquito control work goes on “behind the scenes”, using water management, fish, and products to control immature mosquitoes in the water where they begin their life cycle. Controlling adult mosquitoes is more difficult because they are spread out and moving.

If you have questions about Zenivex or any other mosquito control related products or practices, please feel free to call the Morris County Division of Mosquito Control at (973) 285-6450, or visit our web site at www.morrismosquito.org