

February 25, 2008

TO: Municipal Clerk

FROM: Dr. Gregory M. Williams
Superintendent, Mosquito and Vector Control

In compliance with Sections 9.10 and 9.15 of the New Jersey Pesticide Control Regulations (N.J.A.C. Title 7, Chapter 30), the Hudson Regional Health Commission is distributing this packet of materials to provide municipal officials with pertinent information regarding our adulticiding program for mosquito control. **Municipalities are encouraged to share this information with all residents in their communities.**

In our adulticiding program, the only pesticides used will be those registered by the USEPA and NJDEP; and recommended by the New Jersey Agricultural Experiment Station for the control of adult mosquitoes. Please note that upon request, a resident is entitled to 12 hours notification prior to the scheduled application; except for Quarantine and Disease Vector Control only, when conditions necessitate pesticide applications sooner than that time.

For the most updated information please check our website at www.hudsonregional.org/mosquito/. If you have any questions contact Dr. Gregory M. Williams at 201-223-1133.

HUDSON REGIONAL HEALTH COMMISSION

PUBLIC NOTICE

In Compliance with sections 9.10 and 9.15 of the New Jersey Pesticide Control Code (N.J.A.C Title 7, Chapter 30), the Hudson Regional Health Commission, Mosquito Control Unit, 595 County Avenue, Secaucus, New Jersey, may be applying pesticides for the control of adult mosquitoes on an area-wide basis, as needed, throughout Hudson County during the period of April 1st, 2008 through November 30th, 2008.

The pesticides used will be those recommended for the control of adult mosquitoes by the New Jersey Agricultural Experiment Station (NJAES), Rutgers University, which include: resmethrin and piperonyl butoxide (Scourge®), and/or malathion (Fyfanon®). Products may be applied by truck, handheld equipment, and/or by aircraft, all using thermal fog, low volume (LV) and/or ultra low volume (ULV) techniques. All applications will be made according to product labeling.

Upon request, the Hudson Regional Health Commission shall provide a resident with notification at least 12 hours prior to the application, except for Quarantine and Disease Vector Control only, when conditions necessitate pesticide applications sooner than that time. For updated information on time and location of adult mosquito control application(s), call (201) 223-1133, or visit the Hudson Regional Health web site at <http://www.hudsonregional.org/mosquito>.

Contact the National Pesticide Information Center at (800) 858-7378 for routine pesticide related health inquiries. Call the New Jersey Pesticide Control Program at (609) 530-4070 for pesticide regulation information, pesticide complaints, and health referrals. In the case of any pesticide emergency please contact the New Jersey Poison Information and Education System at (800) 222-1222.

Those seeking further information regarding the Hudson Regional Health Commission mosquito control activities are invited to contact Dr. Gregory M. Williams, Superintendent of Mosquito and Vector Control, NJDEP LIC. No. 29507B, at (201) 223-1133, 595 County Ave., Bldg. 1, Secaucus, NJ 07094.

HUDSON REGIONAL HEALTH COMMISSION

**595 COUNTY AVENUE
SECAUCUS, N.J. 07094**

TELEPHONE: (201) 223-1133

FAX: (201) 223-0122

PROGRAM COORDINATOR:

GREGORY M. WILLIAMS, PH.D.

ADULT MOSQUITO CONTROL PRODUCT

“Scourge[®]”

This fact sheet answers some basic questions about a mosquito control product used in your county. The Hudson Regional Health Commission, along with several other resources (listed at the end of this sheet), can provide more detailed information.

What is Scourge and how is it used?

Scourge is an insecticide that is recommended for mosquito control in New Jersey by Rutgers, The State University of New Jersey. It contains the pesticides resmethrin and piperonyl butoxide. The U.S. Environmental Protection Agency (EPA) “evaluates and registers (licenses) pesticides to ensure they can be used safely”, and their current evaluation considers products containing resmethrin and piperonyl butoxide to be slightly toxic with minimal potential risks to people when used properly as part of a complete mosquito control program.

Scourge is used for the control of adult mosquitoes in an integrated pest management (IPM) approach to mosquito control. IPM strategy includes habitat management, source reduction, biological control and other measures to control immature mosquitoes, augmented by adult mosquito control when needed. The spraying of adult mosquitoes is called for when biting populations reach critical annoyance levels or when a disease organism is present in adult mosquitoes. A very fine mist of Scourge is applied during times of peak mosquito activity, since flying mosquitoes must directly contact the pesticide in order for it to be effective.

How can I avoid exposure to Scourge?

Risk to the general public from the use of Scourge is minimal. Avoiding exposure is always the safest course of action, particularly for those that may be at higher risk such as pregnant women, children,

the elderly, and those with chronic illnesses. Any possible exposure risk can be reduced by following some common sense actions:

- Pay attention to notices about spraying found through newspapers, websites, automated telephone messages or distributed by municipal, county or state agencies.
- Plan your activities to limit time spent outside during times of possible pesticide treatments, usually at sunset or sunrise.
- Move children's toys out of application areas.
- Move your pets, their food and water dishes out of application areas.
- Stay away from application equipment, whether in use or not.
- Whenever possible, remain indoors with windows closed, window air conditioners set on non-vent (closed to the outside air), and window fans turned off during spraying.
- Avoid direct contact with surfaces that are wet from pesticide spraying. Do not allow children to play in areas that have been sprayed until they have dried (approximately one hour).
- If you must remain outdoors, avoid eye and skin contact with the spray. If you get spray in your eyes or on your skin, flush and rinse with water.

What are the symptoms of exposure to Scourge?

Irritation or sensitization sometimes occurs after exposure, causing an asthmatic condition or skin rash. The chance of experiencing these symptoms of exposure with proper use is extremely low. You should contact your physician, other medical providers or the New Jersey Poison Information and Education System (NJPIES) at 1-800-222-1222 if you experience these symptoms following a pesticide spraying. Bring this sheet with you if you visit a physician or other medical provider.

How long will Scourge last in the environment?

The spray stays in the air for a short time until it settles on surfaces. Resmethrin has a low persistence and breaks down in water and soil within 1 to 25 days. Resmethrin breaks down quickly in sunlight.

Where can I get more information about Scourge?

The following are resources for more information regarding permethrin and mosquito control in your area (unless otherwise noted, available during normal business hours):

For pesticide-specific information – 9:30am to 7:30pm EST:

National Pesticide Information Center
800-858-7378; <http://npic.orst.edu/>

For pesticide health information and possible exposures – 24 hours:

New Jersey Poison Information & Education System
800-222-1222; www.njpies.org/

For New Jersey pesticide regulations and misuse complaints:

NJDEP Pesticide Control Program
609-530-4070; www.state.nj.us/dep/enforcement/pcp

For Federal pesticide regulations:

USEPA Region 2 Office of Pesticide Programs
732-321-6759; www.epa.gov/pesticides/

For pesticide health information:

Contact your municipal health department. Check the telephone book for their number.

For mosquito control insecticide recommendations:

Rutgers University, Department of Entomology
732-932-9459; www.rci.rutgers.edu/~insects/njmos.htm

For more information about local mosquito control:

The Hudson Regional Health Commission
201-223-1133; www.hudsonregional.org/mosquito/

For state-wide mosquito control information:

NJDEP Office of Mosquito Control Coordination
609-292-3649; www.state.nj.us/dep/mosquito/

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Adult Mosquito Control Product

"Fyfanon®"

This fact sheet answers some basic questions about a mosquito control product used in your county. The Hudson Regional Health Commission, along with several other resources (listed at the end of this sheet), can provide more detailed information.

What is Fyfanon and how is it used?

Fyfanon is an insecticide product that is recommended for mosquito control in New Jersey by Rutgers, The State University of New Jersey. It contains the pesticide malathion. The U.S. Environmental Protection Agency (EPA) "evaluates and registers (licenses) pesticides to ensure they can be used safely", and their current evaluation of products containing malathion shows them to be slightly toxic with minimal potential risk to people when used properly as part of a complete mosquito control program.

Malathion is used for the control of adult mosquitoes in an integrated pest management (IPM) approach to mosquito control. IPM strategy includes habitat management, source reduction, biological control and other measures to control immature mosquitoes, augmented by adult mosquito control when needed. The spraying of adult mosquitoes is called for when biting populations reach critical annoyance levels or when a disease organism is present in adult mosquitoes. A fine mist of malathion is applied during times of peak mosquito activity, since flying mosquitoes must directly contact the pesticide in order for it to be effective.

How can I avoid exposure to Fyfanon?

Risk to the public from the use of Fyfanon is minimal. Avoiding exposure is always the safest course of action, particularly for those that may be at higher risk such as pregnant women, children, the elderly, and those with chronic illnesses. Any possible exposure risk can be reduced by following some common sense actions:

- Pay attention to notices about spraying found through newspapers, websites, automated telephone messages or distributed by municipal, county or state agencies.
- Plan your activities to limit time spent outside during times of potential pesticide treatments, usually at sunset and sunrise.
- Move children's toys out of application areas.
- Move animals and their food and water dishes out of application areas.
- Stay away from application equipment, whether in use or not.
- Whenever possible during spraying, remain indoors with windows closed, window air conditioners set on non-vent (closed to the outside air), and window fans turned off.
- Avoid direct contact with surfaces that are wet from pesticide spraying. Do not allow children to play in areas that have been sprayed until they have completely dried (approximately one hour).
- If you must remain outdoors, avoid eye and skin contact with the spray. If you get spray in your eyes or on your skin, flush and rinse with water.

What are the symptoms of exposure to Fyfanon?

Symptoms of exposure can include headache, nausea, dizziness, excessive sweating, salivation, excessive tearing and a runny nose. The chance of experiencing these symptoms of exposure with proper use is extremely low. You should contact your physician, other medical providers, or the New Jersey Poison Information and Education System (NJPIES) at 1-800-222-1222 if you experience these symptoms following a pesticide spraying. Bring this sheet with you if you visit a physician or other medical provider.

How long will Fyfanon last in the environment?

The Fyfanon spray stays in the air for a short time until it settles out and lands on surfaces. Fyfanon has a low persistence and lasts no longer than 25 days in water and soil. Fyfanon breaks down quickly in sunlight.

Where can I get more information on Fyfanon?

The following are resources for more information regarding Fyfanon and mosquito control in your area (unless otherwise noted, available during normal business hours):

For pesticide-specific information – 9:30am to 7:30pm EST:

National Pesticide Information Center
800-858-7378; <http://npic.orst.edu/>

For pesticide health information and possible exposures – 24 hours:

New Jersey Poison Information & Education System
800-222-1222; www.njpies.org/

For New Jersey pesticide regulations and misuse complaints:

NJDEP Pesticide Control Program
609-530-4070; www.state.nj.us/dep/enforcement/pcp

For Federal pesticide regulations:

USEPA Region 2 Office of Pesticide Programs
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For pesticide health information:

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