

## ***Mosquito Control Fact Sheet...***

### ***Natular® XRG***

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

This sheet answers some basic questions about a mosquito control product in use in your county. Atlantic County Department of Public Works, Office of Mosquito Control, along with several other resources (listed at the end of this sheet), can provide more detailed information. Municipalities are encouraged to share this information with all residents in their community.

#### **What is Natular® and how is it used?**

**Natular®** is an insecticide product that is recommended for mosquito control in New Jersey by Rutgers, The State University of New Jersey. **Natular®** is a bacterial larvicide that contains the active ingredient called "**Spinosad**." Spinosad is made up of the complex organic compounds spinosyn A and spinosyn D, which are created by soil microbes. The U.S. Environmental Protection Agency's (EPA) current evaluation considers **spinosyn**-containing products to be slightly toxic with minimal potential risk to people when used properly as part of a complete mosquito control program.

**Natular®** contains parts of a naturally occurring soil bacterium. When mosquito larvae eat the spores, toxins are released by the mosquito's stomach fluids, which in turn cause the larvae to die. **Natular®** is part of a mosquito management approach using habitat management and other measures to control immature mosquitoes in order to lessen the need to spray for adult mosquitoes.

#### **How can I avoid exposure to Natular®?**

Risk to the general public from the use of **Natular®** is very minimal. The organic compounds that are so lethal to mosquitoes are harmless to mammals. Avoiding exposure is always the safest course of action, particularly for populations that may be at higher risk such as pregnant women, children, the elderly and those with chronic illness. Any possible exposure risk can be reduced by following some common sense actions:

- Plan your activities to limit time spent outside during times of possible pesticide treatments.
- Avoid direct contact with water bodies that have been treated.
- 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.
- Pay attention to notices about spraying found through newspapers, websites, automated telephone messages or distributed by municipal, county or state agencies.

#### **What are the symptoms of exposure to Natular®?**

Direct contact with eyes or skin may cause mild irritation or discomfort. The chance of experiencing these symptoms of exposure with proper use is 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 Natular® last in the environment?**

Because **spynosin A** and **spynosin D** are biological agents, they tend to break down quickly in the environment. Its breakdown in water or soil usually occurs within hours of use.

### **Where can I get more information on Natular®?**

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

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

**National Pesticide Information Center**

**800-858-7378**

<http://npic.orst.edu>

For pesticide health information & possible exposures – 24 hours:

**New Jersey Poison Information & Education System**

**800-222-1222**

<http://www.njpies.org>

For New Jersey pesticide regulation & misuse complaints:

**NJDEP Pesticide Control Program**

**609-984-6568**

<https://www.nj.gov/dep/enforcement/pcp/bpo.htm>

For Federal pesticide regulations:

**USEPA Region 2 Office of Pesticide Programs**

**877-251-4575**

<http://www.epa.gov/eftpages/pesticides.html>

For state-wide mosquito control information:

**NJDEP Office of Mosquito Control Coordination**

**609-292-3649**

<http://www.state.nj.us/dep/mosquito>

For local mosquito control information:

**The Atlantic County Office of Mosquito Control**

**609-645-5948**

**Mosquito Control & West Nile Virus Information Line**

**1-877-6-4-FACTS**

**Atlantic County Mosquito control Web Page** <https://www.atlanticcountynj.gov/government/county-departments/department-of-public-works/office-of-mosquito-control>

For mosquito control recommendations:

**Rutgers University, Department of Entomology**

**848-932-9437**

<http://vectorbio.rutgers.edu/outreach/bmpmcnj.pdf>

For local health information:

**The Atlantic County Division of Public Health**

**609-645-5971**

(Pesticide fact sheet approved by the NJ DEP Pesticide Control Program)