

73314-6

05-12-2011

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511P)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:

73314-6

Date of Issuance:

May 12, 2011

Term of Unconditional Issuance:

Name of Pesticide Product: NoFly™ WP

NOTICE OF PESTICIDE:

XXX Registration
Reregistration (under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

represented by:

Natural Industries Incorporated
6223 Theall Road
Houston, TX 77066

Technology Sciences Group Incorporated
1150 18th Street NW., Suite 1000
Washington, DC 20036

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. To protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If the EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms:

1. Submit two (2) copies of the final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for further description of final printed labeling.
2. Submit a five-batch analysis from the proposed manufacturing site (40 CFR 158.2120; OPPTS Guideline 885.1400).
3. Submit information for stability to normal and elevated temperatures, metals and metal ions (40 CFR 158.2120; OPPTS 830.6313).
4. Submit a storage stability study (40 CFR 158.2120; OPPTS Guideline 830.6317).
5. Submit a corrosion characteristics study (40 CFR 158.2120; OPPTS 830.6320).

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

W. Michael McDavit, Associate Director
Biopesticides and Pollution Prevention Division

DATE:

MAY 12 2011

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NOFLY™ WP Wettable Powder Mycoinsecticide

For Greenhouse Use Only

ACTIVE INGREDIENT:

<i>Paecilomyces fumosoroseus</i> strain FE 9901, blastospores	18.0%***
Inert Ingredients	82.0%
Total	100.0%

*** Based on the weigh estimate of 4.0×10^{-12} grams per blastospore
NOFLY™ WP contains 2×10^9 colony forming units of *Paecilomyces fumosoroseus* strain FE 9901

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautionary statements

FIRST AID	
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 – 20 minutes. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

EPA Reg. No.: 73314 -A

EPA Est. No.:

Net Content: 500 g (containing 10 propylene bags, each with 50g of product)

Manufactured by:

Natural Industries, Inc.
6223 Theall Rd
Houston TX 77066

Lot#

Best If Used By: 3 months from date of manufacturing

ACCEPTED

MAY 12 2011

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No.

73314-6

NoFly™ WP: (pending as EPA File Symbol 73314-X)
Label version (1) dated May 7, 2009

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PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals: Caution. Harmful if swallowed, absorbed through skin, or inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Avoid breathing vapor. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear protective eyewear, either goggles, face shield, or shielded safety glasses. Wear water proof gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE): Applicators and other handlers must wear long-sleeved shirt and long pants, and shoes plus socks. Wear a dust/mist-filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N-95, R-95, P-95 or HE filter for biological products. Remove contaminated clothing and follow manufacturer's instructions for cleaning / maintaining PPE before reuse. If no such instructions are available use clothing detergent and hot water for cleaning all washable PPE. Keep and wash PPE separately from other laundry.

User Safety Requirements: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove PPE immediately after handling this product. If gloves are worn, wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **For greenhouse use only. Not for use on food crops.** Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry intervals (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not allow worker entry into treated areas during the restricted entry interval (REI) of four (4) hours or until solution has dried. Exception: If the product is soil incorporated (such as landscape, ornamental bulbs, seed coating and drench) the Worker Protection

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Standard, under certain circumstances, allows workers to enter treated area if there is no contact with anything that has been treated.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of the product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried or dusts have settled.

For use in controlling Whitefly, Aphids, Thrips, Psyllids, Mealybugs, Leaf hoppers, Plant bugs, Weevils Grasshoppers, Mormon Crickets, Locust, and Beetles on greenhouse and nursery ornamentals.

NOFLY™ WP contains live blastospores of the naturally occurring fungus *Paecilomyces fumosoroseus* strain FE 9901 and food grade inert ingredients. The spores are alive and may be harmed by storage at high temperatures or contact with water for more than 24 hours.

NOFLY™ WP can be applied using conventional spraying equipment. Use of manual sprayers is highly recommended, with a minimum working pressure of 4 psi.

NOFLY™ WP works best in a pest management program designed to keep insect populations below levels which damage crops. Typically, it takes 3-7 days for an infected insect to die and 7-10 days after the first spray to see a reduction in an insect population. Application rates, spray frequency, spray coverage and insect numbers affect the speed at which insect populations are reduced. Frequent scouting for insects in crops is recommended. NOFLY™ WP is most effective when used at the first appearance of insects in the crop, before high insect populations develop.

NOFLY™ WP may be combined with chemical insecticides for rapid knockdown of damaging insect populations or large numbers of insects moving into crops.

Crops	Application	Doses
Ornamentals for greenhouse use	At any stage of the crop. Applications must be done at the first sign of insect larvae	2 - 4 lbs /acre 8-oz -16 oz/11,000 sq ft of greenhouse applied at minimum 0.2% (28-oz per 100 gallons)

Application Instructions:

- First applications should be done at the first symptoms of the presence of larvae or eggs on the leaves. Repeat applications 2 – 3 times at 15 day intervals or shorter (5 – 8 days) in the case of heavy infestations.
- Apply enough quantity of broth for a good coverage on the plants, trying to reach the lower-sides of the leaves. It is recommended to apply 26 gallons / 11,000 sq ft greenhouse on small crops and up to 100 gallons / 11,000 sq ft on full grown crops.
- Dissolve the content of bags in appropriate volume of water and mix with a stirring device up to get a blue homogeneous suspension. Apply immediately using spraying equipment. A minimum pressure of 4 psi is recommended for the applications.

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- Applications should be conducted during low solar radiation (late afternoon or early night) when there is high relative humidity inside greenhouse and temperature is below 30°C.
- NOFLY™ WP supports the action of natural predators of whitefly and other pests, therefore, it is highly recommended as a supporting tool in IPM programs or Organic Agriculture.
- The application of fungicides is not compatible with NOFLY™ WP. A week is the minimum period allowed between treatment with fungicides and application of the product. Applications of any other pesticides must be carefully studied, taking into account that the active substance of NOFLY™ WP consists of a microorganism and any substance that could affect its viability must be avoided.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: NOFLY™ WP should be stored at refrigerated temperature (4°C- 8°C). Under these conditions the product is physico-chemically stable for at least 3 months, although viability may decrease with a factor 10.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal Facility.

Container Disposal: Non-refillable container. Do not reuse or refill this container. Clean container promptly after emptying. Offer for recycling if available.

Limited Warranty / Disclaimer

NOFLY™ WP conforms to the description set forth on this label and is reasonably fit for the purposes described herein when used according to the label directions and specified conditions. The manufacturer disclaims any or all other express or implied warranties for merchantability and fitness for particular purpose. To the extent consistent with applicable law buyers and users shall assume all risk and responsibility for potential loss or damage if this product is used, stored, handled or applied in a manner inconsistent with this labelling. To the extent consistent with applicable law, manufacturer shall not be liable for more than the purchase price for the quantity involved including incidental, consequential or special damages.