

2018-11-02

2018-1433

NOFLYTM WP
Wettable Powder Mycoinsecticide

For Greenhouse Use Only

ACTIVE INGREDIENT:

Paecilomyces fumosoroseus strain FE 9901 2.0×10^9 colony forming units/g
(nominal).

COMMERCIAL

REGISTRATION NO: 30091 PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

POTENTIAL SENSITIZER

READ THE LABEL BEFORE USING

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

Futureco Bioscience
Av. del Cadí, 19-23 P.I.
Sant Pere Molanta 08799
Olèrdola, Barcelona España

Plant Products
50 Hazelton St.
Leamington, Ontario N8H1B8
1.519.326.9037

Lot#

Use within 3 months of the date of manufacture

(Date of Manufacture)

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. May cause sensitization. Avoid contact with eyes, skin or clothing. Avoid inhaling/breathing dusts or mists. Wear a long-sleeved shirt, long pants, shoes plus socks, water-proof gloves and NIOSH approved respirator with any N-95, R-95, P-95 or HE filter for biological products when handling, and during all clean-up and repair activities. Do not enter or allow worker entry into areas where such activities are performed during the restricted entry interval (REI) of 4 hours unless wearing appropriate personal protective equipment, including a long-sleeved shirt, long pants, shoes plus socks, and waterproof gloves. In addition, a NIOSH approved respirator with any N-95, R-95, P-95 or HE filter for biological products is required until spray mist has settled. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID

If swallowed

Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

If inhaled

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 centre or doctor for further treatment advice.

If in eyes

Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically

ENVIRONMENTAL HAZARDS:

The potential effects of this product on pollinators, and some non-target beneficial insects that may be used in greenhouse Integrated Pest Management Programs (IPM), are not known. May be harmful to beneficial insects and pollinators, including bees. **DO NOT** apply this product while bees are actively foraging.

DIRECTIONS FOR USE

As this product is not registered for the control of pests in aquatic systems
DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats
by cleaning of equipment or disposal of wastes.

DO NOT allow effluent or runoff from greenhouses containing this product to enter lakes,
streams, ponds or other waters.

For greenhouse use only. 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 Province or Territory consult the agency responsible for pesticide regulation.

For use in controlling whiteflies and thrips on all greenhouse ornamental crops.

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 generally 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.

Crops	Application Rate	Application Timing
Greenhouse ornamental crops	2-3 g/L up to a maximum of 3000 L/ha at the low rate up to a maximum of 2000 L/ha at the high rate	At any stage of the crop. Applications must begin at the first sign of pest presence.

Application Instructions:

- Begin applications at the first sign of pest presence. Reapply at 15-day intervals, or shorter (5-8 days) in the case of heavy infestations, until pest is gone.
- Apply sufficient spray volume for thorough coverage of the crop, depending on the size of the plants, up to a maximum of 2000 L/ha at the high rate, and up to a maximum of 3000 L/ha at the low rate. Ensure spray coverage includes the undersides of the leaves.
- 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 conventional spraying equipment. A minimum pressure of 4 psi is recommended for the applications.
- Applications should be conducted during low solar radiation (late afternoon or evening) when there is high relative humidity inside the greenhouse and the temperature is below 30°C.

- NOFLY™ WP is compatible with the use of *Encarsia* spp. as biological control agents for whiteflies and is recommended for use in IPM programs.
- 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.

Storage:

Store closed product in a cool dry place at +4 °C. Unopened product has a viable shelf-life of 3 months from date of manufacture.

Disposal:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on this label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.