



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 10, 2020

Micah Reynolds
Authorized Agent for FuturEco Bioscience, S.A.
Technology Sciences Group, Inc
1150 18th Street NW, Suite 1000
Washington, D.C., 20036

Subject: Pesticide Registration Improvement Act (PRIA) Labeling Amendment – Add the First Outdoor and Residential Uses for *Isaria fumosorosea* strain FE 9901
Product Name: NoFly WP
EPA Registration Number: 88664-1
Application Date: 05/17/2019
OPP Decision Number: 551346

Dear Mr. Reynolds:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable under FIFRA section 3(c)(5).

You must submit and/or cite all data required for registration or registration review of your product when the U.S. Environmental Protection Agency (EPA) requires all registrants of similar products to submit such data.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is

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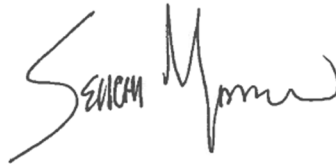
OPP Decision No. 551346

referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Daniel Schoeff by phone at (703) 347-0143 or via email at schoeff.daniel@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "SEIICHI MURASAKI". The signature is stylized and cursive.

Seiichi Murasaki, Senior Regulatory Advisor
Microbial Pesticides Branch
Biopesticides and Pollution Prevention Division (7511P)
Office of Pesticide Programs

Enclosure: Stamped label

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

NOFLY™ WP

**Sublabel A: Greenhouse, Nursery, Turf Grass, Commercial, and
Agricultural Use**
Sublabel B: Residential/Home & Garden Use
Optional Label Claims

EPA Reg. No.: 88664-1
EPA Est. No.:

FuturEco Bioscience, S.A.
Avda. Del Cadi 19-23
Pol. Ind. Sant Pere Molanta
08799, Olerdola, Barcelona, Spain

A C C E P T E D

Feb 10, 2020

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 88664-1

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

{This label reflects the unit package labeling to be presented as a booklet on the front of the product container.}

SUBLABEL A: Greenhouse, Nursery, Turf Grass, Commercial, and Agricultural Use

NOFLY™ WP

Wettable Powder Mycoinsecticide

For Greenhouse, Nursery, Turfgrass, Golf Course, Commercial Livestock, and Agricultural Uses

ACTIVE INGREDIENT:

Isaria fumosorosea strain FE 990118.0%*

OTHER INGREDIENTS:.....82.0%

TOTAL.....100.0%

*Contains a minimum of 2x10⁹ colony forming units per gram of product (dry weight basis)

KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside this booklet for additional Precautionary Statements, First Aid, [and] complete Directions for Use [, and Warranty information].

{ Note: First Aid section may appear boxed or unboxed and/or bulleted/non-bulleted dependent on package size.}

FIRST AID	
If on skin or clothing:	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.
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 center or doctor for 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 center or doctor for treatment advice.
If swallowed:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or when going for treatment. For non-emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8:00 am to 12:00 pm Pacific Time (NPIC Website: www.npic.orst.edu). For emergencies, call your local poison control center at 1-800-222-1222.	

EPA Reg. No.: 88664-1

EPA Est. No.: [88664-ESP-001]

Net Weight: [2 lb] [2 lb (907g)]

[Produced] [Manufactured] [for] [by]:
FuturEco Bioscience, S.A.

[Distributed by:]
[Blacksmith BioScience LLC]

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

Avda. Del Cadi 19-23
Pol. Ind. Sant Pere Molanta
08799, Olerdola, Barcelona, Spain
[Questions? XXX-XXX-XXXX]
[Made in [Country of origin]]

[504 Spring Hill Drive #440]
[Spring, TX 77386]

Batch code: XXXXX

Not for sale or use after {Date three months after manufacture to be stamped or inserted}

{Note to reviewer: Batch code and expiration date may appear on the labeling or be printed directly on packaging.
Expiration date to be printed on first page/front panel.}

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: Caution. Harmful if absorbed through skin, inhaled, or swallowed. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- Protective eyewear
- Waterproof gloves
- Long-sleeved shirt and long pants
- Shoes and socks
- NIOSH-approved particulate respirator with any P or R filter with NIOSH approval number prefix TC-84A or a NIOSH-approved powered air purifying respirator with a HE filter with NIOSH approval number prefix TC-21C.

Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards: For terrestrial uses: 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 or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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

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requirements specific to your State or Tribe, consult the State or Tribal 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 interval (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of twelve (12) hours.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water) is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear.

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.

PRODUCT INFORMATION

[NOFLY™ WP] [This product] is labeled for use against whiteflies, aphids, thrips, psyllids, mealybugs, leaf hoppers, plant bugs, weevils, grasshoppers, Mormon crickets, locust, beetles (including darkling and hide beetles), mites (including russet, spider mites and chicken mites) bagrada bugs, lygus bugs and fungus gnats on labeled outdoor and greenhouse plants (ornamentals, trees, shrubs, and ornamental grasses), nursery crops, and food crops. This product is also effective against litter beetles (darkling, hide, and carrion), northern fowl mites, red poultry mites, moths, and gnats in commercial livestock operations. [NOFLY™ WP] [This product] contains live spores of the fungus *Isaria fumosorosea* strain FE 9901. The spores are alive and may be harmed by storage at high temperatures (>86°F (>30°C)) or contact with water for more than 24 hours.

INTEGRATED PEST MANAGEMENT (IPM)

[NOFLY™ WP] [This product] works best in a pest management program designed to keep insect populations below levels that damage plants and other food crops. Integrate [NOFLY™ WP] [this product] into an overall pest management strategy whenever insecticide use is necessary. Follow practices known to reduce insect population development. Consult local agricultural authorities for specific IPM strategies developed for your crop(s) and location.

USE RATE DETERMINATION

Carefully read and follow all label directions, use rates, and restrictions. For best results, apply [NOFLY™ WP] [this product] at the first signs of the presence of insect larvae or eggs. For proper foliar application, determine the number of acres or square feet to be treated, determine the specified label use rate, and select the appropriate volume to give thorough and uniform coverage of all plant parts to be protected. For proper soil application, determine the number of acres or square feet to be treated, determine the specified label use rate, and select the appropriate volume to give good saturation of the soil. Prepare only the amount of spray or soil drench solution to treat the measured area. Calibrate spray equipment prior to use.

PRE-HARVEST INTERVAL

[NOFLY™ WP] [This product] has a pre-harvest interval of zero (0) days. It can be applied up to and including the day of harvest.

APPLICATION DIRECTIONS

Compatibility:

[NOFLY™ WP] [This product] may be combined with chemical insecticides for rapid knockdown of damaging insect populations or large numbers of insects moving into labeled greenhouse plants (ornamentals, trees, shrubs, and ornamental grasses), nursery crops, or food crops. [NOFLY™ WP] [This product] can also be used in combination with fertilizers and micronutrients. If tank mixes are desired, observe the most restrictive directions, precautions, and limitations on labeling of all products used. Do not exceed label application rates. [NOFLY™ WP] [This product] cannot be mixed with any product containing a label prohibition against such mixing. Do not apply fungicides with [NOFLY™ WP] [this product] or within one week of [NOFLY™ WP] [this product] application unless approved by NoFly WP manufacturer. [NOFLY™ WP] [This product] can be applied to sterilized or fumigated soil, but it must be applied after a sterilization or fumigation active ingredient has dissipated. Applications of any other pesticides must be carefully studied, taking into account that the active ingredient of [NOFLY™ WP] [this product] consists of a microorganism and any substance that could affect its viability must be avoided.

Phytotoxicity:

[NOFLY™ WP] [This product] has shown plant safety but has not been tested on all varieties. Test [NOFLY™ WP] [this product] on a small number of plants to check for potential damage before applying to a large number of plants.

Application Timing:

Apply [NOFLY™ WP] [this product] throughout the growing season from early spring to late fall (when soil temperature is above 39°F (4°C) but less than 86°F (30°C)) to greenhouse and outdoor plants (ornamentals, trees, shrubs, and ornamental grasses), nursery crops, or food crops listed in the “Crops on Which NOFLY™ WP May be Used” section. For commercial livestock housing uses, apply when target pests are initially observed. 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. Repeat applications 2 – 3 times at 15-day intervals sufficient to maintain suppression or shorter (5 – 8 days) depending on pest pressures. Application rate, spray frequency, spray coverage and insect numbers affect the speed at which insect populations are reduced. Frequent scouting for insects is recommended. [NOFLY™ WP] [This product] is most effective when used at the first appearance of insect larvae in the crop or eggs on the leaves, before high insect populations develop.

Methods of Application:

[NOFLY™ WP] [This product] can be applied using conventional spraying (ground, foliar, aerial, airblast, or chemigation) equipment at a minimum working pressure of 40 psi to greenhouse and outdoor plants (ornamentals, trees, shrubs, and ornamental grasses),

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nursery crops, food crops listed in the “Crops on Which NOFLY™ WP May be Used” section and poultry houses and livestock housing operations. [NOFLY™ WP] [This product] may be applied through a variety of methods including foliar spray and soil treatment. [NOFLY™ WP] [This product] can be applied using hand-held backpack spray equipment, through low pressure watering nozzles such as fan nozzles, through overhead boom-type sprayers or sprinklers, hydroponic systems, injectors, flood benches, drenching water systems, airblast, or via aerial application. Clean application equipment before use of [NOFLY™ WP] [this product] and use prepared sprays within 4 hours of preparation.

Application Sites	Application Timing	Application Rates
Greenhouse plants (food crops, ornamentals, trees, shrubs, and ornamental grasses) and nursery crops	At the first signs of insect eggs or larvae.	<p>Foliar Applications</p> <p>½ – 2 lb of NOFLY™ WP per acre of greenhouse plants or nursery crops 2 – 8 oz of NOFLY™ WP per 11,000 sq ft of greenhouse plants or nursery crops applied at a minimum of 0.1% solution (i.e., 16 oz of NOFLY™ WP per 100 gallons of water)</p> <hr/> <p>Soil Applications</p> <p>14 – 28 oz of NOFLY™ WP in 100 gallons of water applied to greenhouse plants or nursery crops as a soil drench at a rate of 1 gallon of solution per cubic foot of growing media 6 – 12 oz of NOFLY™ WP in 5 – 10 gallons of water per yard of soil applied as a spray prior to planting or at soil blending</p> <hr/> <p>Hydroponic Applications</p> <p>6 – 16 oz of NOFLY™ WP in 50 – 100 gallons of water in a recirculatory or a hydroponic liquid system</p>
Turfgrass and Turf Landscapes Outdoor Agricultural food crops (refer to “Crops on Which NOFLY™ WP May be Used” section)	At any stage of the crop. Applications must be done at the first sign of insect eggs or larvae.	<p>Soil Drench or Foliar Treatment</p> <p>½ – 2 lb of NOFLY™ WP per acre 2 – 8 oz of NOFLY™ WP per 11,000 sq ft applied at a minimum of 0.1% solution (i.e., 16 oz of NOFLY™ WP per 100 gallons of water)</p>
Poultry Houses, Livestock Barns and housing facilities* * If applying product to manure, apply only to poultry litter or livestock manure that is to be composted.	Repeat treatment at intervals of 3 to 7 days for small insect populations or as needed when target pests are emerging in large numbers. Do not apply more than 1 time per day.	<p>Backpack, Hand-held Sprayer or Tank-Mounted Sprayer with Wand</p> <p>1-3 oz of NOFLY™ WP per 12 gallons of water. Apply to all areas where animals congregate and insect pests are present, including walkways, walls, window sills, cages, stalls, cracks and crevices.</p>

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GREENHOUSE PLANTS (FOOD CROPS, ORNAMENTALS, TREES, SHRUBS, AND ORNAMENTAL GRASSES) AND NURSERY CROPS

For suppression of whiteflies, aphids, thrips, psyllids, mealybugs, leaf hoppers, plant bugs, weevils, grasshoppers, Mormon crickets, locust, beetles (including darkling and hide beetles), mites (including russet and spider mites) bagrada bug, and fungus gnats on labeled greenhouse plants (ornamentals, trees, shrubs, and ornamental grasses), indoor grown food crops, and nursery crops.

Application Instructions: Remove [NOFLY™ WP] [this product] from refrigeration and store at room temperature for at least 3 days prior to application. Repeat applications 2 – 3 times at 15-day intervals or shorter (5 – 8 days) for heavy infestations. Dissolve [NOFLY™ WP] [this product] in an appropriate volume of water and mix with a stirring device for a homogeneous suspension. Use a minimum of 0.1% solution (i.e., 16 oz of NOFLY™ WP per 100 gallons of water). For best results, use a non-ionic spreader-sticker in conjunction with application to foliar surfaces. Apply immediately using conventional spraying equipment or chemigation systems. If applying by chemigation, refer to the Chemigation section for requirements. Use a minimum pressure of 40 psi for manual or hand-held sprayers. Apply during low solar radiation (late afternoon or early evening) when there is a high relative humidity and the temperature is below 86°F (30°C).

Soil Drench: Mix 14 – 28 ounces of [this product] [NOFLY™ WP] in 100 gallons of water to create solution. Apply solution as a drench to plants/growing media at a rate of 1 gallon per cubic foot of growing media. (This equates to enough solution to saturate soil without creating run-off.)

Foliar [Spray] [Treatment]: Apply 2 – 8 ounces of [this product] [NOFLY™ WP] per 11,000 square feet of greenhouse plants or nursery crops (½ – 2 pounds of [NOFLY™ WP] [this product] per acre of greenhouse plants or nursery crops). Dissolve [this product] [NOFLY™ WP] in 50 – 100 gallons of water and apply solution to foliage and blossoms. Apply enough solution for good coverage on labeled plants, trying to reach the lower sides of the leaves. Apply 26 gallons of solution per 11,000 square feet of small greenhouse plants or nursery crops and up to 100 gallons of solution per 11,000 square feet of full grown greenhouse plants or nursery crops.

Application to Soil at Blending: Any time prior to planting, incorporate [this product] [NOFLY™ WP] into potting soil dry or as a spray during blending. Use 6 – 12 ounces of [NOFLY™ WP] [this product] per yard of soil.

Hydroponic Systems: Use 6 – 16 ounces of [this product] [NOFLY™ WP] in 50 – 100 gallons of water in a recirculatory or a hydroponic liquid system.

For smaller areas or quantities: Mix 6 teaspoons of [NOFLY™ WP] [this product] per gallon of water and apply to labeled plants or soil as described above.

TURFGRASS AND TURF LANDSCAPES

For suppression of whiteflies, aphids, thrips, psyllids, mealybugs, leaf hoppers, plant bugs, weevils, grasshoppers, Mormon crickets, locust, beetles (including darkling and hide beetles), mites (including russet, spider mites and chicken mites) bagrada bug, and fungus gnats on turf grass including uses on golf courses (tees, greens, fairways, roughs), sod farms, home lawns and landscapes, commercial lawns and landscapes, office buildings, apartment complexes, cemeteries, municipal and private parks, sports and athletic fields, and other such turf sites. Apply by soil drench or foliar spray to all cool and warm season grasses, including bluegrass, bentgrass, Bermuda grass (common & hybrid), fescue, orchard grass, Poa annua, St. Augustine, ryegrass, zoysia, mixtures, other grasses or ornamental turf, dichondra and other ground covers, and grasses grown for seed.

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

Application Instructions: Remove [NOFLY™ WP] [this product] from refrigeration and store at room temperature for at least 3 days prior to application. Repeat applications 2 – 3 times at 15-day intervals or shorter (5 – 8 days) for heavy infestations. Dissolve [NOFLY™ WP] [this product] in an appropriate volume of water and mix with a stirring device for a homogeneous suspension. Use a minimum of 0.1% solution (i.e., 16 oz of NOFLY™ WP per 100 gallons of water). For best results, use a non-ionic spreader-sticker in conjunction with application to foliar surfaces. Apply immediately using conventional spraying equipment or chemigation systems or aerial application for large treatment areas such as turf and sod farms. If applying by chemigation, refer to the Chemigation section for requirements. If applying by air, refer to the Aerial application section for requirements. Use a minimum pressure of 40 psi for manual or hand-held sprayers. Apply during low solar radiation (late afternoon or early evening) when there is a high relative humidity and the temperature is below 86°F (30°C).

Soil Drench: Use at planting, seeding, or transplant. Apply [this product] [NOFLY™ WP] ½ - 2 lbs/acre (2 – 8 ounces per 11,000 square feet) in 50-100 gallons of water via ground spray or through drip, overhead, or other irrigation systems listed in the Chemigation section.

Foliar [Spray] [Treatment]: Use at planting, seeding, or transplant. Apply [this product] [NOFLY™ WP] ½ -2 lbs/acre (2 – 8 ounces per 11,000 square feet) in 50-100 gallons of water via ground spray or through drip, overhead, or other irrigation systems listed in the Chemigation section. Do not apply to the point of runoff.

For smaller areas or quantities: Mix 6 teaspoons of [NOFLY™ WP] [this product] per gallon of water and apply to turf areas or soil as described above.

Aerial [Application] [Treatment]: Apply [this product] [NOFLY™ WP] ½ -2 lbs/acre in 50-100 gallons of water. If applying by air, refer to Spray Drift Management section of the label and Special Considerations for Aerial Spray Drift Management section of the label.

AGRICULTURAL FOOD CROPS

For soil treatment or foliar application to fruits, vegetables, and herbs listed in the “Crops on Which NOFLY™ WP May be Used” section for suppression of whiteflies, aphids, thrips, psyllids, mealybugs, leaf hoppers, plant bugs, weevils, grasshoppers, Mormon crickets, locust, beetles, (including darkling and hide beetles), mites (including russet, spider mites and chicken mites) bagrada bug, and fungus gnats.

Application Instructions: Remove [NOFLY™ WP] [this product] from refrigeration and store at room temperature for at least 3 days prior to application. Repeat applications 2 – 3 times at 15-day intervals or shorter (5 – 8 days) for heavy infestations. Dissolve [NOFLY™ WP] [this product] in an appropriate volume of water and mix with a stirring device for a homogeneous suspension. Use a minimum of 0.1% solution (i.e., 16 oz of NOFLY™ WP per 100 gallons of water). For best results, use a non-ionic spreader-sticker in conjunction with application to foliar surfaces. Apply immediately using conventional spraying equipment (ground, foliar, airblast, aerial) or apply through chemigation systems. If applying by chemigation, refer to the Chemigation section for requirements. If applying by air, refer to Spray Drift Management section of the label and Special Considerations for Aerial Spray Drift Management section of the label. Use a minimum pressure of 40 psi for manual or hand-held sprayers. Apply during low solar radiation (late afternoon or early evening) when there is a high relative humidity and the temperature is below 86°F (30°C).

Soil Treatment Through Irrigation: [This product] [NOFLY™ WP] may be used in drip, overhead, or other irrigation systems listed in the Chemigation section at any state of plant growth or at pre-plant as a soil treatment. Apply ½ – 2 pounds of [NOFLY™ WP] [this

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product] per acre of labeled food crops (2 – 8 ounces of [NOFLY™ WP] [this product] per 11,000 square feet of labeled food crops) in 50 – 100 gallons of water.

Soil Treatment At Planting: Use at planting, seeding, or transplant. Apply ½ – 2 pounds of [NOFLY™ WP] [this product] per acre of labeled food crops (2 – 8 ounces of [NOFLY™ WP] [this product] per 11,000 square feet of labeled food crops) in 50 – 100 gallons of water. Add half amount of water to tank. Then, add desired amount of [this product] [NOFLY™ WP] followed by remaining amount of water. Agitate to ensure homogenous mixing.

Foliar [Spray] [Treatment]: Apply ½ – 2 pounds of [NOFLY™ WP] [this product] per acre of labeled food crops (2 – 8 ounces of [NOFLY™ WP] [this product] per 11,000 square feet of labeled food crops) in 50 – 100 gallons of water via backpack spray or via drip, overhead, or other irrigation systems listed in the Chemigation section. Add half amount of water to tank. Then, add desired amount of [this product] [NOFLY™ WP] followed by remaining amount of water. Agitate to ensure homogenous mixing. Apply solution to foliage and blossoms ensuring sufficient coverage to penetrate crop canopy.

For smaller areas or quantities: Mix 6 teaspoons of [NOFLY™ WP] [this product] per gallon of water and apply to plants or soil as described above.

Airblast [Application] [Treatment]: Apply [this product] [NOFLY™ WP] ½ -2 lbs/acre in 50-100 gallons of water. When spray droplets are applied using force air systems, ensure that nozzles provide accurate, uniform application to the target area only. The fan and any deflectors should allow for thorough coverage within the crop canopy.

Aerial [Application] [Treatment]: Apply [this product] [NOFLY™ WP] ½ -2 lbs/acre in 50-100 gallons of water. If applying by air, refer to Spray Drift Management section of the label and Special Considerations for Aerial Spray Drift Management section of the label.

Crops on Which NOFLY™ WP May be Used

[NOFLY™ WP] [This product] can be applied to any of the following food crops.

Cereal Grains: barley, wheat, buckwheat, rye, rice, sorghum, millet, popcorn, seed corn, sweet corn, and other cereal grains, small grains, and corn. When applying to rice, do not apply to flooded fields.

Oilseed: cotton, canola, safflower, sunflower, and other oilseeds

Nongrass Animal Feeds: alfalfa, clover, vetch, and trefoil

Cucurbit Vegetables: cucumber, melon, gourd, squash, cantaloupe and other cucurbit vegetables

Fruiting Vegetables: eggplant, sweet pepper, hot pepper, tomato, tomatillo and other fruiting vegetables

Herbs and Spices: sage, rosemary, thyme, dill, basil, oregano and other herbs and spices

Mint: peppermint, spearmint, and other mints

Brassica (Cole) Leafy Vegetables: broccoli, Brussels sprouts, cabbage, cauliflower, collards, kale, kohlrabi, mustard greens, and other *Brassica* (cole) leafy vegetables

Leafy Vegetables: celery, endive, parsley, spinach, lettuce, watercress, and other leafy vegetables. When applying to watercress, do not apply to flooded fields.

Legume Vegetables: snap and dry bean, lentil, succulent and dry pea, soybean and other legume vegetables

Root/Tuber Vegetables: sugar beet, carrot, ginger, ginseng, horseradish, potato, sweet potato, turnip, radish and other root/tuber vegetables

Bulb Vegetables: garlic, onion, leek, shallot, and other bulb vegetables

Stalk and Stem Vegetables: asparagus

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

Berry and Small Fruit: blueberry, blackberry, strawberry, raspberry, loganberry, huckleberry, gooseberry, elderberry, currant, caneberry, and other berry and small fruit. When applying to cranberry, do not apply to flooded fields.

Citrus Fruit: orange, grapefruit, lemon, tangerine, tangelo, lime, pummelo and other citrus fruit

Grape: wine grapes, table grapes, raisins, and other grape crops

Pome Fruit: apple, crabapple, pear, quince, mayhaw and other pome fruit

Stone Fruit: apricot, cherry, nectarine, peach, plum, prune and other stone fruit

Tree Nuts: almond, pistachio, pecan, walnut, filbert and other tree nuts

Tropical and Subtropical Fruit, Inedible Peel: avocado, mango, papaya, banana, plantain, and other tropical and subtropical fruit

Tropical and Subtropical Fruit, Edible Peel: olive

Edible Fungi: mushroom

Miscellaneous: peanut, tobacco, hops, and all crops grown for seed

COMMERCIAL POULTRY HOUSES, LIVESTOCK BARNs, & ANIMAL HOUSING APPLICATION

Litter Beetles (Darkling, Hide and Carrion), Northern Fowl Mites, Red Poultry Mites, Moths, Gnats

Use 1-3 oz of [this product] [NOFLY™ WP] per 12 gallons of water

Apply as a coarse spray to poultry and livestock bedding, litter, floors, walls, cages, nest boxes, nest pads, cracks and crevices, and to other housing equipment where insect pests collect, travel, rest, hide, harbor or breed. Apply when animals are not in the area being treated. Allow spray solution on treated area to dry thoroughly before animals reenter.

Application Restrictions: Do not apply in locations accessible to children, pets, domestic animals or wildlife. Do not apply where animals can lick the product. Do not apply to the point of run-off. Do not contaminate food, feed, potable water, or watering equipment. If applying product to manure, apply only to poultry litter or livestock manure that is to be composted. Treated poultry litter and livestock manure must be composted before being spread on field.

Spray Drift Management

Avoiding spray drift at the application site is the responsibility of the applicator and the grower. The interaction of many equipment- and weather-related factors determines the potential for spray drift. The applicator and the grower are responsible for considering all of these factors when making application decisions.

Coarse sprays are less likely to drift; therefore, do not use nozzles or nozzle configurations which dispense sprays as fine spray droplets. Do not angle nozzles forward into the airstream and do not increase nozzle pressure.

Special Considerations for Aerial Spray Drift Management

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops.

1. The distance of the outermost nozzles on the boom must not exceed $\frac{3}{4}$ the length of the wingspan or rotor.
2. Nozzles must always point backward, parallel with the air stream and never be pointed downwards, more than 45 degrees. Where states have more stringent regulations, they must be observed.

Importance of droplet size

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see the “Wind”, “Temperature and Humidity”, and “Temperature Inversions” sections of this label).

Controlling droplet size

- Volume: Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with the higher rated flows produce larger droplets.
- Pressure: Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- Number of nozzles: Use the minimum number of nozzles that provide uniform coverage.
- Nozzle orientation: Orienting nozzles so that the spray is released backwards, parallel to the airstream, will produce larger droplets than other orientations. Significant deflection from the horizontal will reduce droplet size and increase drift potential.
- Nozzle type: Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce larger droplets than other nozzle types.
- Boom length: For some use patterns, reducing the effective boom length to less than $\frac{3}{4}$ of the wingspan or rotor length may further reduce drift without reducing swath width.
- Application Height: Applications must not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces the exposure of the droplets to evaporation and wind.

Swath Adjustment

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance must increase, with increasing drift potential (higher wind, smaller droplets, etc.)

Wind

Drift potential is lowest between wind speeds of 2 to 10 miles per hour. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application must be avoided below 2 miles per hour due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator must be familiar with local wind patterns and how they affect drift.

Temperature and Humidity

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions

Applications must not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions.

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

Sensitive Areas

The product must only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

Avoid direct application to any body of water.

Aircraft Maintenance

Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove residues of this product accumulated during spraying or from spills. Prolonged exposure of this product to uncoated steel surfaces may result in corrosion and possible failure of the part. Landing gear is most susceptible. The maintenance of an organic coating (paint), which meets aerospace specification MIL-C-38413, may prevent corrosion.

Cleaning of Equipment

Spray equipment must be cleaned thoroughly before and after use of [this product] [NoFly™ WP].

[GREENHOUSE AND NURSERY] [TURF] [GOLF COURSE] [FIELD] CHEMIGATION

General Requirements:

- Apply [NOFLY™ WP] [this product] at [4 – 16 oz per 11,000 sq ft of greenhouse plants, nursery crops, or agricultural food crops] [1/2 – 2lbs per acre in 10-200 gallons of water to crops, nurseries, turfgrass, golf courses] applied at a minimum of 0.1% solution (i.e., 16 oz NOFLY™ WP per 100 gallons of water), depending on desired application.
- Apply [NOFLY™ WP] [this product] only through 1) overhead boom and mist-type systems, 2) sprinklers such as impact or micro-sprinklers, center pivot, lateral move, end tow, side wheel roll, traveler, solid set, or hand-move systems, 3) pressurized drench (flood) or drip (trickle) systems, 4) micro-irrigation such as spaghetti tube or individual tube irrigation, 5) hand-held calibrated irrigation equipment such as hand-held wand with injector, and 6) ebb and flow systems. Do not apply this product through any other type of irrigation system.
- Crop injury or lack of effectiveness can result from non-uniform distribution of treated water.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Application Instructions for All Types of Chemigation:

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

- 1) Remove scale, pesticide residues, and other foreign matter from the chemical supply tank and entire injector system. Flush with clean water. Failure to provide a clean tank, void of scale or residues, may cause [NOFLY™ WP] [this product] to lose effectiveness or strength.
- 2) Determine the treatment rates as indicated in the directions for use and make proper dilutions.
- 3) To mix in supply tank, fill tank half way with water and add [NOFLY™ WP] [this product]. Stir until completely dispersed. Fill tank with remaining amount of water.
- 4) Application of [NOFLY™ WP] [this product] may be made continuously for the duration of the water application or can be applied at the end or after the water application.

Requirements for Chemigation Systems Connected to Public Water Systems:

- 1) Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- 2) Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- 3) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection.
- 4) The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 5) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7) Do not apply when wind speed favors drift beyond the area intended for treatment.
- 8) Continuous agitation is not required in pesticide supply tanks unless tank mixing with other products or fluid fertilizers that require it.

Sprinkler Chemigation Requirements:

- 1) The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.
- 2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 3) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5) The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7) Do not apply when wind speed favors drift beyond the area intended for treatment.
- 8) Continuous agitation is not required in pesticide supply tanks unless tank mixing with other products or fluid fertilizers that require it.

Drip (Trickle) Chemigation Requirements:

- 1) The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.
- 2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 3) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5) The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7) Use of a supply tank is recommended. Continuous agitation is not required in pesticide supply tanks unless tank mixing with other products or fluid fertilizers that require it.

Flood Chemigation Requirements:

- 1) Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the greenhouse or nursery and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from back flow if water flow stops.
- 2) Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:
 - a. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.
 - b. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
 - c. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
 - d. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
 - e. The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
 - f. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

- 3) Use of a supply tank is recommended. Continuous agitation is not required in pesticide supply tanks unless tank mixing with other products or fluid fertilizers that require it.

Storage and Disposal

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

Pesticide Storage: Except when preparing product for application, store under refrigerated conditions (46°F (8°C)). When preparing for application, store at room temperature conditions (75°F (24°C)). Protect from extreme heat and cold.

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

Container Handling: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then, offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke.

WARRANTY

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. FuturEco Bioscience, S.A. warrants that at the time of the first sale of this product it conforms to the chemical description on this label and when used according to the label directions under normal growing conditions is reasonably fit for the purposes referred to above. To the extent consistent with applicable law, buyers/users of this product assume full risk for any use contrary to the specified directions. If this product does not perform as warranted above, customer's sole remedy for breach of warranty shall be replacement of the product or refund of the purchase price paid, at the option of FuturEco Bioscience, S.A.

EXCEPT AS PROVIDED ELSEWHERE IN WRITING CONTAINING AN EXPRESSED REFERENCE TO THIS WARRANTY AND LIMITATION OF DAMAGES, SELLER MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTY OR GUARANTEE TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, INCLUDING ANY OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO.

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

{Note: The following information will affixed to the unit package.}

NOFLY™ WP

Wettable Powder Mycoinsecticide

For Greenhouse, Nursery, Turfgrass, Golf Course, and Agricultural Uses

ACTIVE INGREDIENT:

Isaria fumosorosea strain FE 990118.0%*

OTHER INGREDIENTS:.....82.0%

TOTAL.....100.0%

*Contains a minimum of 2x10⁹ colony forming units per gram of product (dry weight basis)

KEEP OUT OF REACH OF CHILDREN CAUTION

See inside the booklet for additional Precautionary Statements, First Aid, [and] complete Directions for Use [, and Warranty information].

{ Note: First Aid section may appear boxed or unboxed and/or bulleted/non-bulleted dependent on package size.}

FIRST AID	
If on skin or clothing:	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.
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 center or doctor for 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 center or doctor for treatment advice.
If swallowed:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or when going for treatment. For non-emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8:00 am to 12:00 pm Pacific Time (NPIC Website: www.npic.orst.edu). For emergencies, call your local poison control center at 1-800-222-1222.	

EPA Reg. No.: 88664-1

EPA Est. No.: [88664-ESP-001]

Net Weight: [2 lb] [2 lb (907g)]

[Produced] [Manufactured] [for] [by]:

FuturEco Bioscience, S.A.

Avda. Del Cadi 19-23

Pol. Ind. Sant Pere Molanta

08799, Olerdola, Barcelona, Spain

[Questions? XXX-XXX-XXXX]

[Distributed by:]

[Blacksmith BioScience LLC]

[504 Spring Hill Drive #440]

[Spring, TX 77386]

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

Batch code: XXXXX

Not for sale or use after {Date three months after manufacture to be stamped or inserted}

{Note to reviewer: Batch code and expiration date may appear on the labeling or be printed directly on packaging. Expiration date to be printed on the first page/front panel.}

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: Caution. Harmful if absorbed through skin, inhaled, or swallowed. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE): Applicators and other handlers must wear protective eyewear, waterproof gloves, long-sleeved shirt, long pants, shoes, socks, and a NIOSH-approved particulate respirator with any P or R filter with NIOSH approval number prefix TC-84A or a NIOSH-approved powered air purifying respirator with a HE filter with NIOSH approval number prefix TC-21C. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards: For terrestrial uses: 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 or rinsate.

Storage and Disposal

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

Pesticide Storage: Except when preparing product for application, store under refrigerated conditions (46°F (8°C)). When preparing for application, store at room temperature conditions (75°F (24°C)). Protect from extreme heat and cold.

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

Container Handling: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then, offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke.

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

SUBLABEL B: RESIDENTIAL/HOME & GARDEN Use

NOFLY™ WP

Wettable Powder Mycoinsecticide

For Home & Garden Use

ACTIVE INGREDIENT:

Isaria fumosorosea strain FE 990118.0%*

OTHER INGREDIENTS:.....82.0%

TOTAL.....100.0%

*Contains a minimum of 2×10^9 colony forming units per gram of product (dry weight basis)

KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside this booklet for additional Precautionary Statements, First Aid, [and] complete Directions for Use [, and Warranty information].

{ Note: First Aid section may appear boxed or unboxed and/or bulleted/non-bulleted dependent on package size.}

FIRST AID	
If on skin or clothing:	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.
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 center or doctor for 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 center or doctor for treatment advice.
If swallowed:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or when going for treatment. For non-emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8:00 am to 12:00 pm Pacific Time (NPIC Website: www.npic.orst.edu). For emergencies, call your local poison control center at 1-800-222-1222.	

EPA Reg. No.: 88664-1

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Net Weight: [2 lb] [2 lb (907g)]

[Produced] [Manufactured] [for] [by]:

FuturEco Bioscience, S.A.

Avda. Del Cadi 19-23

Pol. Ind. Sant Pere Molanta

08799, Olerdola, Barcelona, Spain

[Questions? XXX-XXX-XXXX]

[Made in [Country of origin]]

[Distributed by:]

[Blacksmith BioScience LLC]

[504 Spring Hill Drive #440]

[Spring, TX 77386]

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

Batch code: XXXXX

Not for sale or use after {Date three months after manufacture to be stamped or inserted}

{Note to reviewer: Batch code and expiration date may appear on the labeling or be printed directly on packaging. Expiration date to be printed on the first page/front panel.}

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: Caution. Harmful if swallowed, absorbed through skin, or inhaled. 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 and water proof gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

USER SAFETY RECOMMENDATIONS

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticides off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

PRODUCT INFORMATION

NOFLY™ WP is effective against whitefly, aphids, thrips, mites, beetles, psyllids, mealybugs, and fungus gnats on fruit and vegetable plants, annual and perennial bedding plants and flowers, roses, potted flowers, foliage plants, trees, shrubs, and lawns located in homes, gardens, greenhouses, and home landscapes. NOFLY™ WP contains live spores of the fungus *Isaria fumosorosea* strain FE 9901. The spores are alive and may be harmed by storage at high temperatures or contact with water for more than 24 hours.

APPLICATION DIRECTIONS (HOW TO APPLY)

Carefully read and follow all label directions, use rates, and restrictions. For best results, apply NOFLY™ WP at the first signs of the presence of insect larvae or eggs. Apply NOFLY™ WP throughout the year from early spring to late fall (when soil temperature is above 39°F but less than 86°F). 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. Repeat applications 2 – 3 times at 15-day intervals sufficient to maintain control or shorter (5- to 8-day intervals) depending on pest pressures. If attempting to control an insect population with a single application, make the treatment when egg hatch is essentially complete but before severe damage occurs. [This product] [NOFLY™ WP] can be applied in commonly used pressurized hand-held sprayers, spray trigger bottles, and hose-end sprayers.

HOW TO USE FOR HAND-HELD SPRAYERS AND SPRAY TRIGGER BOTTLES

Fill sprayer or bottle with appropriate amount of water and [product] [NOFLY™ WP].

Mix spray solution thoroughly.

Keep spray solution agitated during application.

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

Use a minimum pressure of 40 PSI for manual or hand-held sprayers.
Do not allow spray mixture to stand overnight.

HOW TO USE FOR HOSE-END SPRAYERS

Follow hose-end sprayer instructions to determine how to fill, set dial, clean, and disconnect from hose. Set dial on sprayer to deliver rate as directed below.

To assure that plants to be treated are not sensitive to the treatment, apply a small amount of the product to a few leaves or the above ground portion of the plant and check back in 2-4 days for signs of phytotoxicity.

Application Type	Amount of product per gallon of water	Directions
Foliar Spray	2-4 teaspoons per gallon	Dissolve product in appropriate amount of water and apply as a spray onto all foliage and leaves allowing product to run off and soak top layer of soil
Soil Drench	2-4 teaspoons per gallon	Dissolve product in appropriate amount of water and apply to soil at the base of the plant. Soak soil until run off.
Lawn and grass	2-4 teaspoons per gallon	Dissolve product in appropriate amount of water and apply to lawn. Use 1 gallon of solution per 200 square feet.

Soil Application: Dissolve 2 – 4 teaspoons of [product] [NOFLY™ WP] per gallon of water to create solution. For more severe pest pressure, use higher label rate. Apply solution to pot, base of plant, roots (at transplant), or at pre-plant by watering until soil is completely saturated without creating run off. One cup of solution usually treats about one 6” pot or its equivalent. For best results, apply to damp soil and/or apply in conjunction with a wetting agent.

Foliar Spray: Dissolve 2 – 4 teaspoons of [product] [NOFLY™ WP] per gallon of water to create solution. For more severe pest pressure, use higher label rate. Spray leaves, stems, and new shoots to run off providing complete coverage of entire plant. If heavy rainfall occurs following application, it may be necessary to reapply the product after the rain has stopped. Do not water foliage within 4 hours of application.

For best results with foliar and lawn applications, use a spreader-sticker (a product designed to break the surface tension of water and evenly spread it over the surface of the foliage) in conjunction with application. Consult your garden center or dealer for specific product suggestions. (Examples include Weather Shield®, Coco-Wet®, Mega Wet®, Agri-2®, Plant Camel® and yucca extract.)

Lawn Treatment: Use direct watering, a pump-up type sprayer, or hose-end sprayer to apply [product] [NOFLY™ WP] solution until grass and soil are saturated.

Direct Lawn Watering: Mix 2-4 teaspoons of [product] [NOFLY™ WP] per gallon of water and apply at a rate of 1 gallon per 200 square feet of lawn. Thoroughly soak turf to provide complete coverage of treatment area. Avoid excessive run off.

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

Pump-up Sprayer Lawn Application: Mix 1-2 teaspoons (4-8 grams) of [product] [NOFLY™ WP] per gallon of water and apply to 200 square feet of lawn. Thoroughly soak turf to provide complete coverage of treatment area. Avoid excessive run off.

Hose-end Sprayer Lawn Application: Make a liquid concentrate from NOFLY™ WP powder to treat the desired coverage area. Mix 1/2-1 teaspoons (2-4 grams) of [product] [NOFLY™ WP] per 20-oz of water and set hose-end setting to 4 oz to treat 100 square feet of lawn.

Storage and Disposal

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

Pesticide Storage: Except when preparing product for application, store under refrigerated conditions (46°F (8°C)). When preparing for application, store at room temperature conditions (75°F (24°C)). Protect from extreme heat and cold.

Pesticide Disposal and Container Handling: Non-refillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or (800) 858-7378 (National Pesticide Information Center) for disposal instructions. Never place unused product down any indoor or outdoor drain.

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

Optional Label Statements that can appear on the container label or booklet:

- For Use in Organic Production {Sublabel A only}
- For Use in Organic Gardening {Sublabel B only}
- For Organic Production {Sublabel A only}
- For Organic Gardening {Sublabel B only}
- For Organic Lawn Care {Sublabel B only}
- For Home, Garden and Lawn Care Use
- For Greenhouse or Nursery Uses
- For Greenhouse, Nursery, Agriculture, and Turf
- Use on Roses, Vegetables, Fruits, Flowering Plants, Trees, Shrubs, or Ornamental Grasses
- For suppression of labeled insect pest populations on vegetables, fruits, ornamental plants, or other plants
- For use on ornamental plants or on nursery crops
- For control of litter beetles, Northern fowl mites, red poultry mites, moths, and gnats in poultry houses, livestock barns, and commercial livestock housing.
- For control of labeled insect pests on labeled vegetables, fruits, ornamental plants, and other crops grown outdoors, in greenhouses or other cover, or in nurseries
- For use on turfgrass and outdoor ornamental plants, interiorscapes and gardens on or around sites such as golf courses, residential & commercial lawns, athletic fields, parks, cemeteries, sod farms and similar locations
- For use on all labeled major agricultural crops including alfalfa (hay, forage), bean (all types), cereals, corn (all types), oilseeds (canola, sunflower, safflower, peanut, etc), peanut, peas (dry, fresh, sweet), potato, soybean and sugarbeet
- For liquid spray applications
- For use with [hose-end] [sprayer] [pump up sprayer] [water can]
- Biological Insecticide
- Easy to use
- Useful [asset] [tool] for integrated pest management
- Compatible with [integrated pest management] [IPM] programs
- Ideal for IPM programs
- Easy integration into current [integrated pest management] [IPM] programs

{Note to Reviewer: [bracketed text] is optional or alternate wording; {curly bracketed text} is informational.}

