



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Biopesticides and Pollution Prevention Division (7511P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

101745-2

Date of Issuance:

5/4/2023

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

BTI FG

Name and Address of Registrant (include ZIP Code):

React Industries, LLC
 5215 Shadowlawn Ave.
 Tampa, FL 33610

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, always refer to the above EPA Registration Number.

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 or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order 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 the 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 product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

Alexandra Boukedes
 Digitally signed by
 Alexandra Boukedes
 Date: 2023.05.04 13:50:05
 -04'00'

Alexandra Boukedes, Product Manager 92
 Microbial Pesticides Branch
 Biopesticides and Pollution Prevention Division (7511M)
 Office of Pesticide Programs

Date:

5/4/2023

2. Make the following labeling change before you release this product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 101745-2.”
3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

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 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 EPA may consider false or misleading. In addition, regardless of whether a website is 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to 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. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 03/15/2023

If you have any questions, please contact Hector Andres Maldonado via email at maldonado.hector@epa.gov.

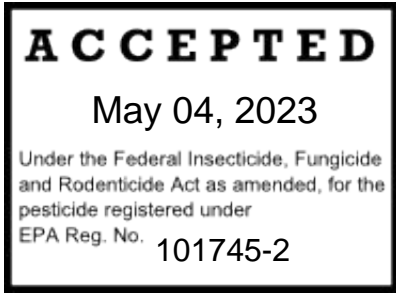
Sincerely,



Digitally signed by
Alexandra Boukedes
Date: 2023.05.04
13:46:31 -04'00'

Alexandra Boukedes, Product Manager 92
Microbial Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511M)
Office of Pesticide Programs

Enclosure



[Denotes Optional Text]
{Denotes Notes to EPA Reviewer}
{Front Panel start}

{Sublabel A-Commercial Use Subject to WPS}

BTI FG

[Alternate brand name: Fungus Gnat Killer]

A microbial insecticide effective against fungus gnats.

ACTIVE INGREDIENT:

Bacillus thuringiensis subspecies *israelensis* Strain BMP 144

Solids, spores and insecticidal toxins† 8.00%

OTHER INGREDIENTS. 92.00%

TOTAL 100.00%

†Equivalent to 1,200 International Toxic Units (ITU)/mg (4.84 billion ITU/gallon or 1.2 Billion ITU/liter.
Note: The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
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.
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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222. For general information on this product, call 1-800-920-0131 during the hours of 8-5 EST weekdays, or contact the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at http://npic.orst.edu .	

See back panel for additional precautionary statements and directions for use.

EPA Reg. No. 101745-E

EPA Est. No. XXXXX-XX-X

NET CONTENTS:XX

BATCH CODE:XX

Manufactured for :
React Industries, LLC
5215 Shadowlawn Ave., Tampa FL 33610

{End Front Panel}

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if inhaled or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. 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:

- long-sleeved shirt and long pants
- waterproof gloves
- shoes plus socks

Mixers/loaders and applicators must wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH approved powdered air-purifying respirator with an HE filter.

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

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

Engineering Controls

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.607 (d-f)], the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS

Users should remove clothing/PPE immediately if pesticides gets inside. Then wash thoroughly and put on clean clothing. Users should 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

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 pesticide 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

Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. 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.

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 and in 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. 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 4 hours

For early entry into 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, wear:

- Coveralls
- Chemical-resistant gloves made of any waterproof material, and
- Shoes plus socks.

FUNGUS GNATS

Apply [BTI FG] to ornamentals, vegetables or herbs growing in greenhouse or nursery areas for control of fungus gnat larvae when larvae are present in the soil or potting mix. Also make applications to areas under benches and greenhouse floors where fungus gnats breed. For light infestations, use 8-16 fl. oz of [BTI FG]/100 gal of water (0.5-1tsp of [BTI FG] /gal of water); for heavy infestations, use 32-64 fl.oz. of [BTI FG]/100 gal of water (2-4 tsp of [BTI FG] /gal of water). Apply as a drench to sufficiently wet the surface of the growth medium where larvae are present.

Where heavy infestations (adults, eggs, pupae, and larvae) are present, reapply weekly. Routine use of lower rates will keep populations to a minimum.

Even though [BTI FG] is not known to be phytotoxic to plants, it has not been tested against all plant species. Check on several plants before wide scale usage.

CHEMIGATION[*]

Basic Requirements

- 1) Apply this product only through sprinkler (including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set or hand move) flood (basin), furrow, border or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation systems.
- 2) Crop injury or lack of effectiveness can result from non-uniform distribution of treated water.
- 3) If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- 4) 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.
- 5) 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.

Specific 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, backflow 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 systems 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 pump.
- 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.

Specific Requirements for Sprinkler Chemigation

- 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 backflow.
- 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, which 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 filled with a system interlock.
- 7) Do not apply when wind speed favors drift beyond the area intended for treatment.

Specific Requirements for Flood (Basin), Furrow and Border Chemigation

- 1) Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from backflow 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 backflow.
 - 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, which 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 filled with a system interlock.

Specific Requirements for Drip (Trickle) Chemigation

- 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 backflow.
- 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 which 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 filled with a system interlock.

Application Instructions for All Types of Chemigation

- 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 product to lose effectiveness or strength.
- 2) Determine the treatment rates as indicated in the Directions for Use and make proper dilutions. Product can be applied continuously or at any time during the water application.
- 3) Prepare a solution in the chemical tank by filling the tank with the required water and then adding product as required. The product will immediately go into suspension without any required agitation.

[*Not for use in California]

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool (59-86°F; 15-30°C), dry place

PESTICIDE DISPOSAL: Waste resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

[For containers less than or equal to 5 gallons: non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke.]

[For containers greater than 5 gallons: non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke.]

NOTICE TO USER

To the extent consistent with applicable law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on this label. To the extent consistent with applicable law, user assumes all risk of use, storage or handling not in strict accordance with label instructions.

[Label updated, 5/3/2023]

{Sublabel B-Commercial Use not subject to WPS}

B T I F G

A microbial insecticide effective against mosquitoes, blackflies, nuisance flies (*Psychoda* spp. and *Chironomus* spp.) and nuisance aquatic midges (*Chironomine*) in a variety of labeled habitats.

ACTIVE INGREDIENT:

<i>Bacillus thuringiensis</i> subspecies <i>israelensis</i> Strain BMP 144	
Solids, spores and insecticidal toxins†	8.00%
OTHER INGREDIENTS	92.00%
TOTAL	100.00%

†Equivalent to 1,200 International Toxic Units (ITU)/mg (4.84 billion ITU/gallon or 1.2 Billion ITU/liter.
Note: The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
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.
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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222. For general information on this product, call 1-800-920-0131 during the hours of 8-5 EST weekdays, or contact the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at http://npic.orst.edu .	

See back panel for additional precautionary statements and directions for use.

EPA Reg. No.101745-E

EPA Est. No. XXXXX-XX-X

NET CONTENTS:XX

BATCH CODE:XX

Manufactured for :
React Industries, LLC
5215 Shadowlawn Ave., Tampa FL 33610

{End Front Panel}

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if inhaled or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. 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:

- long-sleeved shirt and long pants
- waterproof gloves
- shoes plus socks

Mixers/loaders and applicators must wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powered air-purifying respirator with an HE filter. Repeated exposures to high concentrations of microbial proteins can cause allergic sensitization.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions 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 pesticides gets inside. Then wash thoroughly and put on clean clothing. Users should 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

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 pesticide 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.

Do not apply this product through any type of irrigation system. Apply [BTI FG] to any water sites **except** treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

MOSQUITOES

Habitat	Rate of [BTI FG] required for Control[‡]
Flood water, roadside ditches, irrigation ditches, rice fields, pastures, woodland pools, snowmelt pools, standing ponds, standing pools, standing water containing mosquito larvae in fields growing crops such as alfalfa, almonds, asparagus, corn, cotton, dates, grapes, peaches and walnuts.	0.25-2.0 pints/Acre
Tidal water, salt marshes, catch basins and storm water retention areas.	0.50-2.0 pints/Acre
Polluted water (sewage lagoons, animal waste lagoons, etc.), water with moderate organic matter and water with a high concentration of suspended solids.	1.0-2.0 pints/Acre

[‡]Use higher application rate in polluted water and when late 3rd and early 4th instar larvae predominate, mosquito populations are high, water is heavily polluted and/or algae are abundant.

Specific Application Instructions: Apply [BTI FG] in conventional aerial and ground application equipment with sufficient water to provide through coverage of the target area. The amount of water needed depends on weather, type of spray equipment and mosquito habitat.

Make ground applications in 8 – 800 pints/Acre (1-100 gallons of water/acre) in conventional equipment. Use as low as 8 pints/Acre (one gallon of water/Acre) surface area when the target area is open with light vegetative cover.

Make aerial applications diluted or undiluted. For undiluted applications, apply 0.25 to 2.0 pints/Acre of [BTI FG] through fixed wing aircraft or helicopters equipped with conventional boom and nozzles or rotary mist atomizers. For diluted applications, fill the mix tank or aircraft hopper with the appropriate volume of water and agitate before adding [BTI FG]. Maintain agitation during loading and spraying. Avoiding spray drift at the application site is the responsibility of the applicator. 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 decisions.

BLACKFLIES:

Concentration range 0.5-75ppm (0.50-75 mg of [BTI FG]/liter of stream water). Maintain the concentration in the stream for 15 minutes using ground application equipment or metered release systems.

Specific Application Instructions: Apply with conventional ground equipment or metered release systems. Apply to infested sites to achieve larvicidal concentrations. Insecticidal activity will occur within 24 hours. Reapply as needed. Apply [BTI FG] undiluted through appropriate ULV application equipment.

NUISANCE FLIES:

For control of the nuisance flies (*Psychoda* spp. and *Chironomus* spp.) in sewage treatment facilities utilizing trickling filter systems.

APPLICATION DIRECTIONS

Nuisance Fly Habitat	[BTI FG] Use Rates[‡]
Trickling filter system of waste water treatment plants	10-50 ppm (10-50 mg per liter) of wastewater feed to the system per 30 minutes.

[‡]Use higher rates for control of *Chironomus* spp. Apply undiluted with a pre-calibrated pump or other device into the wastewater feeding into the filters for a minimum period of 30 minutes. Repeat applications as needed. Control of *Chironomus* spp. may take two weeks.

NUISANCE AQUATIC MIDGES:

For control of *Chironomine* midges (*Chironominae: Chironomine*) inhabiting shallow lakes and ponds (man-made and natural lakes).

APPLICATION DIRECTIONS

Nuisance Midge Habitat	[BTI FG] Use Rates‡
Shallow lakes and ponds “per sewage” oxidation ponds (less than an acre, not more than 6 feet deep)	1.0 gallon/acre (3.80 liters/acre)

‡Apply diluted with water in a total volume of 5 gallons/acre by pouring or spraying over the surface to be treated with a pre-calibrated device. Repeat applications as necessary. Control of *Chironomine* midges may take up to two weeks.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool (59-86°F; 15-30°C), dry place

PESTICIDE DISPOSAL: Waste resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

[For containers less than or equal to 5 gallons: non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke.]

[For containers greater than 5 gallons: non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke.]

NOTICE TO USER

To the extent consistent with applicable law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on this label. To the extent consistent with applicable law, user assumes all risk of use, storage or handling not in strict accordance with label instructions.

[Label updated, 5/3/2023]

{Sublabel C – Residential Use }

B T I F G

ACTIVE INGREDIENT:

Bacillus thuringiensis subspecies *israelensis* Strain BMP 144

Solids, spores and insecticidal toxins† 8.00%

OTHER INGREDIENTS 92.00%

TOTAL 100.00%

†Equivalent to 1,200 International Toxic Units (ITU)/mg (4.84 billion ITU/gallon or 1.2 Billion ITU/liter.
Note: The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
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.
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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies, call the poison control center at 1-800-222-1222. For general information on this product, call 1-800-920-0131 during the hours of 8-5 EST weekdays, or contact the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at http://npic.orst.edu .	

See back panel for additional precautionary statements and directions for use.

EPA Reg. No. 101745-E

EPA Est. No. XXXXX-XX-X

NET CONTENTS:XX

BATCH CODE:XX

Manufactured for:
React Industries, LLC
5215 Shadowlawn Ave., Tampa FL 33610

{End Front Panel}

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if inhaled or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. 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.

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 pesticide 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: [BTI FG] is a highly selective microbial insecticide effective against mosquitoes in labeled habitats. Apply [BTI FG] to containerized standing water or any private water site **except** treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption or state waters. [BTI FG] can be applied to areas that contain aquatic life, fish, and plants. [BTI FG] can be applied to areas used by or in contact with humans, animals horses, livestock, pets, birds or wildlife.

[Treatment areas] [For use in]

Bird baths	Drains	Buckets
Statuary	Stock tanks	Plastic covers
Old tires	Pool covers	Plant trays
Flower pots	Abandoned swimming pools	Planters
Tree holes	Unused swimming pools or spas	Garbage cans
Water gardens (features)	Other holding receptacles	Wheelbarrows
Ornamental fountains	Standing water	Hollow trees
Urns	Ponds	Flood water
Rain barrels	Lagoons	
Roof gutters	Lakes	

Any location where water collects and remains for periods of time. Other areas where standing water accumulates. [For [treatment area] and other areas where water accumulates.]

How to Apply

Directions for ½ fl. oz. (14.7 ml) package size – package is a squeeze bottle with a control tip dripper that dispenses one drop at a time:

- For birdbaths, statuary, planters, rain barrels, fountains, old tires, and buckets.
- Treats the average birdbath (1 ½ gallons of water)
- One bottle treats three average birdbaths (weekly) for up to two years.

Use [BTI FG] to prevent mosquitoes from breeding in your birdbath or statuary. [Apply][Use] 1 drop per birdbath per week. The average birdbath is 3” deep by 12” round and contains 1.5 gallons of water.

Directions for 1 fl. oz. (29 ml) package size – package is a squeeze bottle with control tip dripper that dispenses one drop at a time:

- Use for [small] ponds up to 500 gallons.
- One bottle treats [1] 250 [gallon pond][gallons of water] for up to 10 months.
- Treats:
 - 125 [gallon pond][gallons of water] for up to 20 months
 - 250 [gallon pond][gallons of water] for up to 10 months
 - 500 [gallon ponds][gallons of water] for up to 5 months.

Use [BTI FG] to prevent mosquitoes from breeding in stock tanks up to 500 gallons and other areas where standing water accumulates. [Apply][Use] 6 drops per 100 gallons of water. Treat weekly.

Directions for 2 fl. oz. (59ml) package size – package is a squeeze bottle with a control tip dripper that dispenses one drop at a time.

- For [insert use site from list of treatment areas]
- Treats up to 750 gallons of water [small ponds, 400-750 gallons]
- Use in [small ponds] [and water gardens] up to 750 gallons.
- One bottle treats [a] 400 [gallon pond][gallons of water] every other week for up to 2 years.

- Treats:
 - 500 [gallon pond][gallons of water] every other week for up to 2 years
 - 500 [gallon pond][gallons of water] every other week for up to 20 months
 - 750 [gallon pond][gallons of water] every other week for up to 13 months

Use [BTI FG] to prevent mosquitoes from breeding in [insert use site from listed treatment areas] and other areas where standing water accumulates. [Apply][Use] 6 drops per 100 gallons of water. Treat every other week.

Directions for 6 fl. oz. (177 ml) package size – package is a plastic bottle with measuring cup:

- For [insert use site from listed Treatment Areas].
- Measuring cup included. [Dosage cup enclosed].
- Treats up to 5,000 gallons of water [medium [sized] ponds, 2,000-5,000 gallons].
- For [medium ponds] [and water gardens] up to 5,000 gallons.
- One bottle treats [a] 2,000 [gallon pond] [gallons of water] every other week for up to 16 months.
- Treats: 2,000 [gallon pond][gallons of water] every other week for up to 16 months.
 - 2,500 [gallon pond] [gallons of water] every other week for up to 13 months.
 - 3,500 [gallon pond] [gallons of water] every other week for up to 9 months.
 - 5,000 [gallon pond] [gallons of water] every other week for up to 6 months.

Use [BTI FG] to prevent mosquitoes from breeding in [insert use sites from listed Treatment Areas] and other areas where standing water accumulates. Use the measuring cup [dosage cup] provided. Add [BTI FG] directly to the water to be treated. [Apply] [Use] [BTI FG] at a rate of 0.085 fl. oz. per 1,000 gallons of water [2.5 ml per 1,000 gallons of water] or 0.169 fl. oz. per 2,000 gallons of water [5 ml per 2,000 gallons of water] every other week. Treat weekly if necessary.

Directions for 12 fl. oz. (354 ml) package size – package is a plastic bottle with measuring cup:

- For [insert use site from listed Treatment Areas].
- Measuring cup included. [Dosage cup enclosed].
- Treats up to 7,500 gallons of water [medium [sized] ponds, 2,500-7,500 gallons].
- For [large ponds][water gardens] up to 7,500 gallons.
- One bottle treats [a] 2,500 [gallon pond][gallons of water] every other week for up to 2 years.
- Treats: 2,500 [gallon pond][gallons of water] every other week for up to 2 years.
 - 3,500 [gallon pond][gallons of water] every other week for up to 18 months.
 - 5,000 [gallon pond][gallons of water] every other week for up to 13 months.
 - 7,500 [gallon pond][gallons of water] every other week for up to 8 months.

Use [BTI FG] to prevent mosquitoes from breeding in [insert use sites from listed Treatment Areas] and other areas where standing water accumulates. Use the measuring cup [dosage cup] provided. Add [BTI FG] directly to the water to be treated. [Apply] [Use] [BTI FG] at a rate of 0.085 fl. oz. per 1,000 gallons of water [2.5 ml per 1,000 gallons of water] or 0.169 fl. oz. per 2,000 gallons of water [5 ml per 2,000 gallons of water] every other week. Treat weekly if necessary.

Directions for 16 fl. oz. (473 ml) package size – package is a plastic bottle with measuring cup:

- For [insert use site from listed Treatment Areas].
- Measuring cup included. [Dosage cup enclosed].
- Treats up to 10,000 gallons of water [extra-large ponds, 5,000-10,000 gallons].
- For [extra-large ponds][water gardens] up to 10,000 gallons.
- One bottle treats [a] 5,000 [gallon pond][gallons of water] every other week for up to 17 months.
- Treats:
 - 5,000 [gallon pond][gallons of water] every other week for up to 17 months.
 - 7,500 [gallon pond][gallons of water] every other week for up to 11 months.
 - 10,000 [gallon pond][gallons of water] every other week for up to 8 months.

Use [BTI FG] to prevent mosquitoes from breeding in [insert use sites from listed Treatment Areas] and other areas where standing water accumulates. Use the measuring cup [dosage cup] provided. Add [BTI FG] directly to the water to be treated. [Apply][Use] [BTI FG] at a rate of 0.085 fl. oz. per 1,000 gallons of water [2.5 ml per 1,000 gallons of water] or 0.169 fl. oz. per 2,000 gallons of water [5 ml per 2,000 gallons of water] every other

week. Treat weekly if necessary.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool (59-86°F; 15-30°C), dry place

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 for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTICE TO USER

To the extent consistent with applicable law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on this label. To the extent consistent with applicable law, user assumes all risk of use, storage or handling not in strict accordance with label instructions.

[Label updated, 5/3/2023]

(Optional label claims)

[Notice. Not for Sale, Not for Use in New York](Optional statement for Sublabel A: Commercial Uses only.)

[Biolarvicide]

[Biological Larvicide Aqueous Suspension.]

[Biological Mosquito Control.]

[A microbial insecticide effective against mosquitoes in labeled habitats.]

[Easy to use.]

[[Use] [Apply] in standing water [where mosquitoes may breed]; see label for specific use sites.] (Claim for Sublabel A – Commercial Use).

[[Use][Apply] in containerized or private standing water [where mosquitoes may breed]; see label for specific use sites.] (Claim for Sublabel B – Residential Use).

[Effective Year-round when mosquito larvae are present.]

[Controls mosquitoes.]

[Controls mosquito larvae [in standing water][within 24 hours]]

[Quickly controls mosquito larvae in [within] 24 hours.]

[When ingested by mosquito larvae [product name] prevents mosquitoes from becoming [developing into]]

breeding, biting adults.

[When ingested by mosquito larvae [product name] prevents the development of adults.]

[When ingested by mosquito larvae [product name] prevents emergence of breeding, biting adults.]

[Kills mosquito larvae upon ingestion of Bt toxins.]

[Kills mosquito larvae upon ingestion by destroying the cellular lining of the insect digestive tract.]

[Kills mosquitoes [mosquito larvae] before they hatch, including those which may [can] transmit [carry][West Nile Virus][and encephalitis][and equine encephalitis]].

[Kills developing mosquitoes [mosquito larvae] before they become breeding, biting adults including those which may [can] transmit [carry][West Nile Virus][and encephalitis][and equine encephalitis][and heartworm disease to dogs and cats]].

[Kills mosquitoes [mosquito larvae] before they hatch, including those which may [can] transmit heartworm disease to dogs and cats.]