

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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

EPA Reg. Number:

75318-7

Date of Issuance:

4-4-06

Term of Issuance:

Unconditional

Name of Pesticide Product:

B2E-07

NOTICE OF PESTICIDE:

X Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

B2E Biotech, LLC
500 Mamaroneck Ave., Suite 201
Harrison, NY 10528

789366 | B67
D#353329 | 1150

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/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

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

This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) provided you:

- 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA Sec.3 (c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA Sec. 4.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 75318-7."
3. Submit two (2) copies of your final printed label for the record, before you release the product for shipment.

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

Signature of Approving Official:

[Handwritten Signature]

Date:

4-11-06

CONCURRENCES

Table with columns for SYMBOL, SURNAME, DATE and multiple empty columns for CONCURRENCES. Handwritten entries include 7511C, Duggard, 2-11-06, 7511C, Reil, 4-3-06.

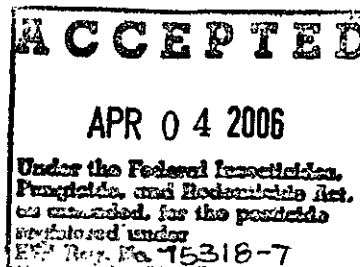
**B2E-07
MASTER LABEL**

Sublabel A: Commercial Use – Mosquitoes
Sublabel B: Residential Use – Mosquitoes
Sublabel C: Commercial Use – Filter Flies & Non-biting Midges
Optional Label Claims

ACTIVE INGREDIENT:
(S)-Methoprene (CAS #65733-16-6)..... 2.8%
OTHER INGREDIENTS:..... 97.2%
TOTAL:..... 100.0%

EPA Reg No. (Pending as File Symbol 75318-T)
EPA Est. No.

NET CONTENTS: _____



KEEP OUT OF REACH OF CHILDREN
CAUTION
See (back panel) (side panel) (insert label) for additional precautionary statements

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION

Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • 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 on skin	<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 swallowed	<ul style="list-style-type: none"> • 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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-XXX-XXX-XXXX for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters or rinsate.

Sublabel A: Commercial Use – Mosquitoes

INTRODUCTION

B2E-07 releases effective levels of S-Methoprene insect growth regulator for up to 35 days in mosquito breeding sites. Apply B2E-07 prior to flooding (i.e. "pre-hatch") in known mosquito breeding areas, or post-hatch to sites containing mosquito larvae. Treated larvae will continue to develop normally to the pupal stage where they die. B2E-07 prevents the emergence of adult mosquitoes from treated sites.

DIRECTIONS FOR USE

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

APPLICATION DIRECTIONS

Apply B2E-07 to mosquito breeding at any time during the mosquito season. B2E-07 is effective on 1st, 2nd, 3rd and early 4th instar larval mosquitoes to prevent adult emergence. Under typical environmental conditions, one application will control for up to 35 days in water depths up to 6 inches. Continue treatments at regular intervals throughout the mosquito season.

Apply B2E-07 prior to flooding (i.e. "pre-hatch") to known breeding sites that flood intermittently. In such areas, one application of B2E-07 prevents adult mosquito emergence for several subsequent floodings. The actual length of control depends on the duration and frequency of flooding events.

Apply the granules in the lowest areas of each site to maintain continuous control as the site alternately floods and dries. Alternate wetting and drying will not reduce granule effectiveness.

NOTE: The active ingredient S-Methoprene has no effect on mosquitoes that have reached the pupal or adult stage prior to treatment.

APPLICATION RATES

Aedes, Ochlerotatus, Anopheles, and Psorophora spp.

Apply B2E-07 at 2.5 – 5.0 lbs per acre.

APPLICATION SITES

Apply B2E-07 pre-hatch or post-hatch as directed above to temporary and permanent water sites which support mosquito larval development. Examples of typical sites are: freshwater and salt water marshes, cattail marshes, woodland pools and meadows, grassy swales, floodplains, irrigated croplands, pastures and rangeland, vineyards, rice fields (including wild rice), fruit and nut orchards, berry fields and bogs, water hyacinth beds, vegetation-choked phosphate pits, dredge spoil sites, storm drains, retention and detention ponds, drainage areas, roadside ditches, tree holes, tires, water-holding receptacles, and other natural and manmade depressions where mosquitoes may breed.

NOTE: Application of B2E-07 to sites subject to water flow or exchange will diminish the product's effectiveness.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in a cool, dry place.

PESTICIDE DISPOSAL

Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Completely empty bag. Then dispose of empty bag in trash. Do not reuse container.

WARRANTY AND CONDITIONS OF SALE

Seller makes no warranty, express or implied, concerning the use and handling of this product other than indicated on the label. To the fullest extent permitted by law, buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

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Always read the label before using this product.

For information, call 1-XXX-XXX-XXXX or visit our web site: [www._____ .com](http://www._____.com)

B2E Biotech LLC
Sag Harbor, NY U.S.A.

Sublabel B: Residential Use – Mosquitoes

DIRECTIONS FOR USE

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

INTRODUCTION

B2E-07 is an easy and effective way to kill developing mosquitoes in standing water before they become biting adults. Adult mosquitoes are both a nuisance and a serious health threat transmitting West Nile Virus and other viruses that can cause encephalitis in both people and pets. They may also transmit heartworm to dogs and cats. **B2E-07** slowly and continuously releases an Insect Growth Regulator into the water to prevent adult mosquito development for up to [35 days][4 weeks][1 month]. Mosquito larvae exposed to treated water will die in the pupal stage before they reach adulthood.

HOW TO APPLY

Apply **B2E-07** to standing water where mosquitoes breed. One scoop (included) treats 200 square feet (10 feet x 20 feet) of water surface. **B2E-07** offers long-lasting mosquito control for up to 35 days in water depths up to 6 inches. **B2E-07** will not adversely affect humans, animals, fish or vegetation when used as directed.

Amount of Product (Scoop provided in container)	Treatment Surface Area
½ scoop	up to 100 Square Feet
1 scoop	up to 200 Square Feet
1 ½ scoops	up to 300 Square Feet
2 scoops	up to 400 Square Feet
3 scoops	up to 600 Square Feet

Do not use measuring scoop for food purposes after use.

APPLICATION SITES

B2E-07 controls mosquitoes in water holding receptacles and standing water sites around your home. Apply **B2E-07** as a preventative measure to mosquito breeding sites before they fill with water. Also use **B2E-07** in sites that intermittently fill with water. The active ingredient is released when in contact with water, and will remain effective for up to [35 days][4 weeks][1 month]. Do not apply to waters that drain into public waterways such as lakes or streams.

Examples of application sites include:

Bird Baths	Roof Gutters	Animal Watering Troughs
Ornamental Fountains	Old Tires	Man-made depressions
Ornamental fish ponds	Tree Holes	Other water holding
Flower Pots or planters	Pool Covers	containers
Urns	Unused Swimming Pools or	
Rain Barrels	Spas	

APPLICATION TIMING

For best results, apply **B2E-07** before the beginning of the mosquito season, and reapply every 35 days throughout the entire mosquito season.

STORAGE AND DISPOSAL

Storage: Store closed containers of **B2E-07** in a cool dry place. **Disposal: If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partially filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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WARRANTY AND CONDITIONS OF SALE

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For information, call 1-XXX-XXX-XXXX or visit our web site: www._____.com

B2E Biotech LLC
Sag Harbor, NY U.S.A.

Sublabel C: Commercial Use – Filter Flies & Non-biting Midges

INTRODUCTION

B2E-07 is a unique product that controls filter flies (*Psychodidae*) and midges (*Chironomidae*) infesting waste water treatment facilities and aquatic habitats. **B2E-07** contains an insect growth regulator (IGR) that effectively controls the last stage of these insect pests. **B2E-07** does not control adults but prevents the larval stage from developing into flying adults. For best results, maintain regular treatment of pest populations to prevent the development of nuisance fly levels.

DIRECTIONS FOR USE

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

GENERAL DIRECTIONS

B2E-07 releases effective levels of an Insect Growth Regulator for up to 35 days under typical environmental conditions. Continue treatments on regular intervals through the last brood of the season. Treated larvae continue to develop normally to the pupal stage where they die. **NOTE:** This insect growth regulator has no effect on midges or filter flies that have reached the pupal or adult stage prior to treatment.

APPLICATION SITES AND RATES

MIDGE HABITAT	RATES (LB/ACRE)
Midge larvae occur in permanent and temporary natural and manmade aquatic habitats. Examples include ponds, natural and man made lakes, golf course water hazards, homeowner association lakes and ponds. Apply granules uniformly to the water surface. Repeat application as necessary.	2.5 - 5 lbs.
FILTER FLY HABITAT	RATES (LB/ACRE)
Filter flies are waste water treatment pests that inhabit sludge drying beds, clarifiers, holding tanks or ponds, sewage lagoons, evaporation ponds, paper or food waste ponds, stagnant or standing water, or other standing wastewater treatment areas where midges, filter flies, and other nuisance aquatic insect pests are a problem.	2.5 - 5 lbs.

Within these ranges, use lower rates when water is shallow (<2 ft) and vegetation and/or organic matter is minimal. Use higher rates when water is deep (>2 ft) and when vegetation and/or organic matter is heavy. Application of **B2E-07** to sites subject to water flow or exchange will diminish the product's effectiveness and require higher application rates and/or more frequent applications.

APPLICATION METHODS

MIDGES

Apply **B2E-07** Granules up to 15 days prior to flooding, or at any stage of larval development. Use fixed wing aircraft or helicopters equipped with granular spreaders capable of applying rates from 2.5 to 5 lbs/acre to apply **B2E-07**. The granules can also be applied using ground equipment, such hand or motorized spreaders and backpack blowers that will deliver the above rates. Even coverage over the water surface will provide best product performance.

FOOD AND PAPER PROCESSING PLANTS

To prevent food and paper contamination by aquatic midges and filter flies, identify all water holding areas that can breed these insects such as waste water ponds, sewage lagoons, food waste ponds, floor drains, catch basins, sludge drying beds, etc. Treat all potential breeding areas. Place particular emphasis on treating all highly organic water areas.

WASTE WATER NUISANCE PESTS

To control waste solids areas, such as sludge and retention ponds, apply an initial rate of 5 lbs/acre. Uniformly apply **B2E-07** to the surface of sludge drying beds immediately after filling to prevent midge and filter fly emergence. Application of **B2E-07** to solids will prevent the emergence of adult insect pests thereby keeping infestations under control. For applications in aquatic habitats, including waste water treatment facilities, evaporation ponds, sewage lagoons, manure runoff areas, retention ponds, and holding tanks,

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apply the granules as uniformly as possible over the pond surface. When the ponds are large, make applications as a 20-40 foot perimeter band out from the pond bank using the highest rate.

WHAT TO EXPECT IN WASTE WATER FACILITIES

A gradual reduction in the number of adult pests will be seen over a 7-10 days period after initial applications of **B2E-07**. Reduction in adult populations will be noticeable within 14 days following the application. Due to varying conditions such as heavy infestations or cool temperatures, the period required to achieve control can be longer.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in a cool, dry place.

PESTICIDE DISPOSAL

Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Completely empty bag. Then dispose of empty bag in trash. Do not reuse container.

WARRANTY AND CONDITIONS OF SALE

Seller makes no warranty, express or implied, concerning the use and handling of this product other than indicated on the label. To the fullest extent permitted by law, buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

Always read the label before using this product.

For information, call 1-XXX-XXX-XXXX or visit our web site: www._____.com

B2E Biotech LLC
Sag Harbor, NY U.S.A.

OPTIONAL LABEL CLAIMS

- An Insect Growth Regulator to prevent the emergence of [adult] mosquitoes.
- An Insect Growth Regulator to prevent the emergence of [adult][nuisance] filter flies and midges.
- A sustained release granular product – prevents adult mosquito emergence for up to 35 days [(including those which may transmit West Nile Virus)].
- A controlled [sustained] release granule that prevents adult mosquito emergence [(including those which may transmit West Nile Virus)].
- Prevents Adult Mosquito Emergence (including those which (may) transmit West Nile Virus).
- Kills (mosquitoes) (developing mosquitoes) (mosquito larvae) (before they hatch) including those which may (can) transmit (carry) West Nile Virus (and encephalitis) (and equine encephalitis).
- Kills (mosquitoes) (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).
- Kills (mosquitoes) (developing mosquitoes) (mosquito larvae) (before they hatch) including those which may (can) transmit [West Nile virus] [and heartworm disease] [and heartworm disease to dogs and cats].
- Kills (mosquitoes) (developing mosquitoes) (mosquito larvae) (before they hatch) including those which may (can) transmit heartworm disease to dogs and cats.
- Just place in standing water.
- Won't harm humans, animals, fish or vegetation when used as directed.
- When used as directed, **B2E-07** [will not][won't] harm humans, animals, fish or vegetation.
- Can be applied to areas that contain aquatic life, fish and plants.
- Kills mosquitoes in standing water where they breed.
- Mosquito Larvicide Granule.
- Mosquito Larvicide – [35 day][4 weeks][1 month] Protection.
- Concentrated Formula Treats Over 4,000 sq. ft. (0.5 lb container)
- Concentrated Formula Treats Over 8,000 sq. ft. (1.0 lb container)
- Concentrated Formula Treats Over 12,000 sq. ft. (1.5 lb container)
- Highly selective larvicide.
- Effectively reduces mosquito populations.
- Biochemical mosquito larvicide.
- A (highly selective) insect growth regulator effective against mosquitoes in a variety of habitats.
- Easy to use.

- Easy to apply granules.
- Will not float away.
- Won't discolor water.
- No unsightly debris.
- Quick, clean and simple to use.
- Prevents the development of adult mosquitoes.
- Prevents immature mosquitoes from developing into adults.
- Prevents emergence of breeding, biting adult mosquitoes.
- Prevents the development of mosquito larvae.
- Nothing to mix or spray.
- An alternative to chemical sprays.
- Treat (standing) water, avoid chemical sprays.
- Treat mosquitoes at the source.
- (Use) (Apply) in standing water (where mosquitoes may breed); see label for specific use sites.
- (Use) (Apply) in containerized or private standing water (where mosquitoes may breed); see label for specific use sites.
- Kills mosquito(es) [larvae] in [stagnant] standing water [before they are able to bite][where they breed]. Apply to standing [stagnant] water in your yard.
- For use in all water-holding receptacles [containers] where mosquitoes may breed including water gardens [and animal [horse] watering troughs].
- Sustained release larvicide for long term control of mosquito larvae.
- Mosquito Larvicide with [35 day][4 weeks][1 month] protection.
- [35 days][4 weeks][1 month] protection.
- Effective [controls][protects] for up to [35 days][4 weeks][1 month].
- A Sustained Release [35 day][4 week][1 month] Mosquito Larvicide Granule.
- Kills developing mosquito larvae.