



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 62637-3	2. EPA Product Manager Phil Hutton	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BMP 144 (200G)	PM# Microbial Pesticide Branch/BPPD	
5. Name and Address of Applicant (Include ZIP Code) Becker Microbial Products Inc. 5786 N.W. 119th Drive Coral Springs, FL 33076 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated: <u>2-11-04</u>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Label notification to add Sublabel B uses rates to Sublabel A. Refer to the attached cover letter dated December 8, 2003 for details.

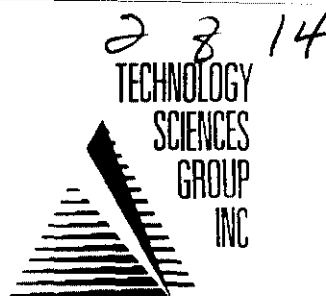
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> on container label	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Amy Plato Roberts		Title Regulatory Consultant		Telephone No. (Include Area Code) (202) 828-8954	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Consultant			
4. Typed Name Amy Plato Roberts		5. Date December 8, 2003			



WASHINGTON

1101 17th Street, N.W.
Suite 500
Washington, D.C. 20036
Telephone 202 223-4392
Fax 202 872-0745

Phil Hutton
Chief, Microbial Pesticides Branch
Biopesticides and Pollution Prevention Division (7511C)
Office of Pesticide Programs, EPA
1921 Jefferson Davis Highway
Arlington, VA 22202

December 8, 2003

**RE: BMP 144 (200 G)
EPA Registration No. 62637-3**

Label notification to add Sublabel B use rates to Sublabel A

SAN FRANCISCO

Spear Tower, Suite 3622
One Market
San Francisco, CA 94105
Telephone 415 293-8061
Fax 415 293-8001

Dear Mr. Hutton:

Enclosed with this letter you will find the following in support of a label notification for the above referenced product:

- 1) Notification form;
- 2) One copy of the label with all changes highlighted in shading.

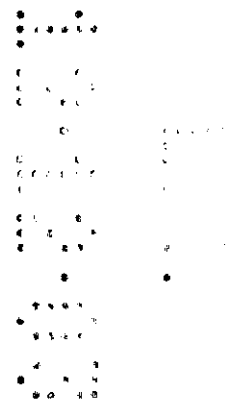
This label notification is to include small volume use rates listed in Sublabel B (Residential Uses) to Sublabel A (Commercial Uses) in the master label. As the small volume use rates are already approved on the product label, no new directions for use are added to the label. Changes are found specifically on pages 3 and 4 of the label, and are highlighted in shading.

The above listed additions are consistent with 40 CFR 156 and PR Notice 98-10. If you have any questions or comments, please do not hesitate to let me know.

Sincerely,

Amy Plato Roberts

Regulatory Consultant for Becker Microbial Products Inc.
Direct dial (202) 828-8964; email aroberts@tsgusa.com



BMP 144 (200 G)

(Alternate Brand Name: AQUABAC® (200 G))

Sublabel A: Commercial Use

Sublabel B: Residential

Optional Label Claims

Label text specific to Distributor EPA Co. No. 75154

ACTIVE INGREDIENT:

Bacillus thuringiensis subspecies *israelensis* solids, spores and

insecticidal toxins* 2.86%

OTHER INGREDIENTS: 97.14%

TOTAL: 100.00%

* Equivalent to 7,000 International Toxic Units (ITU/mg) (0.091 Billion ITU / pound). Potency units should not be used to adjust rates beyond those specified in the Directions for Use Section. Note: The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

EPA Reg. No.: 62637-3

EPA Establishment No.: XXXXX-XX-XX

Manufactured for:

BECKER MICROBIAL PRODUCTS, INC.

5786 N.W. 119th Drive

Coral Springs, FL 33076-4025

NOTIFICATION
Date Reviewed: 2-11-04
Reviewed By: _____

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Sublabel A: Commercial Use

BMP 144 (200 G)

(Alternate Brand Name: AQUABAC® (200 G))

ACTIVE INGREDIENT:

Bacillus thuringiensis subspecies *israelensis* solids, spores and insecticidal toxins* 2.86%

OTHER INGREDIENTS: 97.14%

TOTAL: 100.00%

* Equivalent to 7,000 International Toxic Units (ITU/mg) (0.091 Billion ITU / pound). Potency units should not be used to adjust rates beyond those specified in the Directions for Use Section. 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 inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 – 20 minutes.• Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
See back panel for additional precautionary statements and directions for use.	

EPA Reg. No.: 62637-3

Net Contents: XX

EPA Establishment No.: XXXXX-XX-XX

Manufactured for:

BECKER MICROBIAL PRODUCTS, INC.

5786 N.W. 119th Drive

Coral Springs, FL 33076-4025

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Mixers / loaders and applicators must wear a dust / mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

USER SAFETY RECOMMENDATIONS: Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS: Do not contaminate water when disposing of equipment washwaters. Do not apply to treated, finished drinking water reservoirs or drinking water receptacles.

DIRECTIONS FOR USE

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

(BMP 144 (200 G) is a highly selective microbial insecticide effective against mosquitoes in a variety of habitats.) Apply BMP 144 (200 G) to any water sites except treated, finished water reservoirs or drinking water receptacles. (BMP 144 (200 G) can be applied to areas that contain aquatic life, fish and plants. BMP 144 (200 G) can be applied to areas used by or in contact with humans, animals, horses, livestock, pets, birds or wildlife.)

MOSQUITOES:

Habitat	Rate Required for Control*
Flood water, roadside ditches, irrigation ditches, rice fields, pastures, woodland pools, snowmelt pools, tidal water, salt marshes, catch basins, storm water retention areas, lakes, golf course ponds, irrigation ponds, ornamental zoo ponds, ornamental ponds, ponds, water gardens, greenhouses, nurseries, standing water.....	2.5 - 10.0 lbs/acre*

(For small volume applications -)
 (Sprinkle 1 teaspoon per 25 square feet)
 (Sprinkle 1 tablespoon per 75 square feet)
 (Sprinkle 1/4 cup per 300 square feet)
 (Sprinkle 1 cup per 1200 square feet)
 (Sprinkle 1/2 pound per 2178 square feet)
 (Sprinkle 1 pound per 4356 square feet)

*When late third and early fourth instar larvae predominate, larval populations are high, or water is heavily polluted and/or algae are prevalent, use 10-20 lbs/acre.

SPECIFIC APPLICATION INSTRUCTIONS:

Uniformly apply BMP 144 (200 G) in conventional aerial and ground application equipment, or by hand. Use a seven to fourteen-day interval between applications. Longer periods of mosquito population suppression can result where sufficient numbers of non-target aquatic invertebrate parasites and predators are present, since these are not affected by BMP 144 (200 G) and contribute to mosquito population reduction.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place.

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

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not reuse container.

NOTICE TO USER

Seller makes no warranty express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with label instructions.

(Optional Text) In case of emergency endangering life and property involving this product, call collect, day or night, (800) 759-1602.

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Sublabel B: Residential Use

BMP 144 (200 G)

(Alternate Brand Name: AQUABAC® (200 G))

ACTIVE INGREDIENT:

Bacillus thuringiensis subspecies *israelensis* solids, spores and
insecticidal toxins* 2.86%

OTHER INGREDIENTS: 97.14%

TOTAL: 100.00%

* Equivalent to 7,000 International Toxic Units (ITU/mg) (0.091 Billion ITU / pound). Potency
units should not be used to adjust rates beyond those specified in the Directions for Use
Section. Note: The percent active ingredient does not indicate product performance and
potency measurements are not federally standardized.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See (back panel) (side panel) (insert label) for additional precautionary statements and
directions for use.

EPA Reg. No.: 62637-3

EPA Establishment No.: XXXXX-XX-XX

Manufactured for:

BECKER MICROBIAL PRODUCTS, INC.

5786 N.W. 119th Drive

Coral Springs, FL 33076-4025

Net Contents: XX

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

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.
USER SAFETY RECOMMENDATIONS: Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
ENVIRONMENTAL HAZARDS: Do not apply to treated, finished drinking water reservoirs or drinking water receptacles.

DIRECTIONS FOR USE

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

General Information: BMP 144 (200 G) is a highly selective microbial insecticide effective against mosquitoes in a variety of habitats. Apply BMP 144 (200 G) to containerized standing water or any private water sites except treated, finished drinking water reservoirs, drinking water receptacles or state waters. BMP 144 (200 G) can be applied to areas that contain aquatic life, fish and plants. BMP 144 (200 G) 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	Roof gutters	Lakes
Statuary	Drains	Buckets
Old tires	Stock tanks	Plastic covers
Flower pots	Pool covers	Plant trays
Tree holes	Abandoned swimming pools	Planters
Water gardens (features)	Unused swimming pools or spas	Garbage cans
Ornamental fountains	Other water holding receptacles	Wheelbarrows
Fountains	Standing water	Hollow trees
Urns	Ponds	Flood water
Rain barrels	Lagoons	

Any location where water collects and remains for periods of time. Other areas where standing

water accumulates.

How to Apply:

Directions for bulk granule:

- Treats up to 8700 square feet.

Specific Directions:

Sprinkle 1 pound to cover 4356 square feet.

(Sprinkle 1 teaspoon per 25 square feet.)

(Sprinkle 1 tablespoon per 75 square feet.)

(Sprinkle ¼ cup per 300 square feet.)

(Sprinkle 1 cup per 1200 square feet.)

(Sprinkle ½ pound per 2178 square feet.)

(Sprinkle 1 pound per 4356 square feet.)

Uniformly apply BMP 144 (200 G) at seven to fourteen-day intervals between applications. Longer periods of mosquito population suppression may result where sufficient numbers of non-target aquatic invertebrate parasites and predators are present, since these are not affected by the product and contribute to mosquito population reduction.

STORAGE AND DISPOSAL

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

Storage: Store in a cool, dry place.

If empty: Do not reuse container. Place in trash and offer for recycling if available.

If partially 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.

NOTICE TO USER:

Seller makes no warranty express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with label instructions.

OPTIONAL LABEL CLAIMS

- Biolarvicide.
- Biological Mosquito Control.
- Mosquito Biolarvicide Granule.
- Concentrated Formula.
- Highly selective microbial larvicide.
- A (highly selective) microbial insecticide effective against mosquitoes in a variety of 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) (in 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) (developing mosquitoes) (mosquito larvae) (before they hatch) including those which may (can) transmit (carry) West Nile virus (and encephalitis) (and equine encephalitis).

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- 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 heartworm disease to dogs and cats.

Label text specific to Distributor EPA Co. No. 75154

Net Contents specific to Distributor EPA Co. No. 75154:

2 lbs (jar – bulk granule)

0.5 g (0.018 oz) disposable dispenser (treats up to 100 gallons [5 sq/ft])

1 g (0.035 oz) disposable dispenser (treats up to 300 gallons [15 sq/ft])

2 g (0.07 oz) disposable dispenser (treats up to 600 gallons [30 sq/ft])

4 g (0.14 oz) disposable dispenser (treats up to 1200 gallons [60 sq/ft])

6 g (0.21 oz) disposable dispenser (treats up to 2500 gallons [125 sq/ft])

0.5 g (0.018 oz) refill packet for refillable dispenser (treats up to 100 gallons [5 sq/ft])

1 g (0.035 oz) refill packet for refillable dispenser (treats up to 300 gallons [15 sq/ft])

2 g (0.07 oz) refill packet for refillable dispenser (treats up to 500 gallons [25 sq/ft])

2 g (0.07 oz) refill packet for refillable dispenser (treats up to 600 gallons [30 sq/ft])

4 g (0.14 oz) refill packet for refillable dispenser (treats up to 1200 gallons [60 sq/ft])

6 g (0.21 oz) refill packet for refillable dispenser (treats up to 2500 gallons [125 sq/ft])

28.35 g (1.0 oz) refill packet for refillable dispenser (treats up to 10000 gallons [500 sq/ft])

0.5 g (0.018 oz) water-soluble packet (treats up to 100 gallons [5 sq/ft])

1 g (0.035 oz) water-soluble packet (treats up to 300 gallons [15 sq/ft])

2 g (0.07 oz) water-soluble packet (treats up to 600 gallons [30 sq/ft])

4 g (0.14 oz) water-soluble packet (treats up to 1200 gallons [60 sq/ft])

6 g (0.21 oz) water-soluble packet (treats up to 2500 gallons [125 sq/ft])

28.35 g (1.0 oz) water-soluble packet (treats up to 10000 gallons [500 sq/ft])

Directions for Use specific to Distributor EPA Co. No. 75154:

How to Apply:

Directions for MOSQUITIO CONTROL disposable dispenser:

- (Each 0.5 g [0.018 oz]) Disposable dispenser treats (will treat) up to 100 gallons [5 sq/ft] for up to 30 days.
- (Each 1 g [0.035 oz]) Disposable dispenser treats (will treat) up to 300 gallons [15 sq/ft] for up to 30 days.
- (Each 2 g [0.07 oz]) Disposable dispenser treats (will treat) up to 600 gallons [30 sq/ft] for up to 30 days.
- (Each 4 g [0.14 oz]) Disposable dispenser treats (will treat) up to 1200 gallons [60 sq/ft] for up to 30 days.
- (Each 6 g [0.21 oz]) Disposable dispenser treats (will treat) up to 2500 gallons [125 sq/ft] for up to 30 days.

Specific Directions: Simply place one disposable dispenser containing (Product Name) in the water to be treated. The disposable dispenser will float of the water surface. Use multiple dispensers to treat larger areas or if water is polluted, contains a high content of organic matter, algae is prevalent and/or larval populations are high. Repeat treatment every 14 to 30 days. Replace dispenser at least every 30 days or whenever mosquito larvae appear.

Directions for refill packet for (Product Name) refillable dispenser:

- (Each 0.5 g [0.018 oz]) refill packet treats (will treat) up to 100 gallons [5 sq/ft] for up to 30 days.
- (Each 1 g [0.035 oz]) refill packet treats (will treat) up to 300 gallons [15 sq/ft] for up to 30 days.
- (Each 2 g [0.07 oz]) refill packet treats (will treat) up to 500 gallons [25 sq/ft] for up to 30 days.
- (Each 2 g [0.07 oz]) refill packet treats (will treat) up to 600 gallons [30 sq/ft] for up to 30 days.
- (Each 4 g [0.14 oz]) refill packet treats (will treat) up to 1200 gallons [60 sq/ft] for up to 30 days.
- (Each 6 g [0.21 oz]) refill packet treats (will treat) up to 2500 gallons [125 sq/ft] for up to 30 days.
- (Each 28.35 g [1.0 oz]) refill packet treats (will treat) up to 10,000 gallons [500 sq/ft] for up to 30 days.
- 4 refill packets are up to a 120-day supply.

Specific Directions: Simply place one (Product Name) refill packet in the refillable dispenser (either alone or with a Healthy Ponds® pond cleaner refill) and place the dispenser in the water. Use multiple refills or dispensers to treat larger areas or if water is polluted, contains a high content of organic matter, algae is prevalent and/or larval populations are high. Repeat treatment repeated every 14 days to 30 days. Replace refill at least every 30 days or whenever mosquito larvae appear.

Directions for (Product Name) water-soluble packet:

- (Each 0.5 g [0.018 oz]) water-soluble packet treats (will treat) up to 100 gallons [5 sq/ft] for up to 30 days.
- (Each 1 g [0.035 oz]) water-soluble packet treats (will treat) up to 300 gallons [15 sq/ft] for up to 30 days.
- (Each 2 g [0.07 oz]) water-soluble packet treats (will treat) up to 600 gallons [30 sq/ft] for up to 30 days.
- (Each 4 g [0.14 oz]) water-soluble packet treats (will treat) up to 1200 gallons [60 sq/ft] for up to 30 days.
- (Each 6 g [0.21 oz]) water-soluble packet treats (will treat) up to 2500 gallons [125 sq/ft] for up to 30 days.
- (Each 28.35 g [1.0 oz]) water-soluble packet treats (will treat) up to 10,000 gallons [500 sq/ft] for up to 30 days.
- 4 water-soluble packets are up to a 120-day supply.

Specific Directions: Simply place one (Product Name) water-soluble packet in the water to be treated. The pouch will float on the water surface and dissolve within a few minutes, releasing the granules. Use multiple packets to treat larger areas or if water is polluted, contains a high content of organic matter, algae is prevalent and/or larval populations are high. Repeat treatment every 14 days to 30 days. Use at least every 30 days or whenever mosquito larvae appear.

Optional Label Claims specific to Distributor EPA Co. No. 75154:

- Use with Healthy Ponds® brand products.
- Use (Product Name) as a component in a Healthy Ponds® All-Season Pond Care Program™.
- Stop 'em before they start!
- Quick, clean and simple to use.
- Fast acting.
- Easy to use patented dispenser. (Claim for disposable and refillable dispensers.)
- Nothing to mix or spray.
- Pre-measured. (Claim for disposable and refillable dispensers, and water soluble packets.)
- Biodegradable materials. (Claim for disposable dispenser and water soluble packets.)
- Made with Bti, a microbial active ingredient.
- Proven highly effective.
- "Smart" larvicide targets mosquito larvae.
- Broad range of applications.