

62637-12

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MAR 05 2008

Amy Plato Roberts  
Consultant for Becker Microbial Products, Inc.  
Technology Sciences Group, Inc.  
1101 17th Street NW  
Washington, DC 20036

Dear Ms. Roberts:

Subject: Becker microbial Bt registrations  
EPA Reg. Nos. 62637-1, -2, -5, -6, -8, -10, -11, -12, -13  
Application for label amendments dated January 17, 2008

On January 17, 2008, you submitted applications to amend the labels of the subject products. Revisions were made to:

1. Correct the dust mask statements in accordance with the Bt RED;
2. Revise the Storage and Disposal statements in accordance with PR Notice 2007-4.

The labeling amendments referred to above are acceptable under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act as amended, provided that you:

1. Submit and/or cite all data required for registration/reregistration of your products under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit two (2) copies of your final printed labeling for each registration before you release the product for shipment.

A stamped copy of the draft label for each of the subject products is enclosed for your records. If you have any questions, please contact Alan Reynolds of my staff at (703) 605-0515 (e-mail: [reynolds.alan@epa.gov](mailto:reynolds.alan@epa.gov)).

Sincerely,

Sheryl Reilly, Ph.D., Branch Chief  
Microbial Pesticides Branch (7511P)

CONCURRENCES  
Microbial Pesticides and Pollution Prevention Division

SYMBOL		7511P	7511P					
SURNAME	Enclosure	Reynolds	Reilly					
DATE		3/5/08	3/5/08					

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# BMP 144 DFX

## ACTIVE INGREDIENT:

*Bacillus thuringiensis* subspecies *israelensis* Strain BMP 144 solids, spores and insecticidal toxins\* .....25.70%

**OTHER INGREDIENTS:**.....74.30%

**TOTAL:**.....100.00%

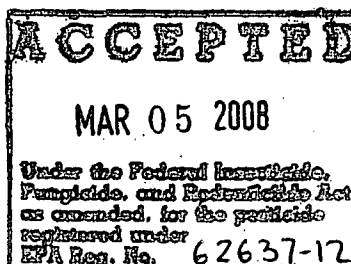
\* Equivalent to 1,800 International Toxic Units (ITU/mg) (0.82 Billion ITU / pound or 1.8 Billion ITU / kg). Potency units should not be used to adjust rates beyond those specified in the Directions for Use Section. Note: The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

### KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>See back panel for additional precautionary statements and directions for use.</b>	

EPA Reg. No.: 62637-12  
 EPA Establishment No.: XXXXX-XX-XX  
 Manufactured for:  
 Becker Microbial Products, Inc.  
 11146 NW 69th Place  
 Parkland, FL 33076

Net Contents: XX  
 Batch Code: XX



**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION:** Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Mixers / loaders and applicators not in enclosed cabs or aircraft 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 when the water is intended for human consumption.

**DIRECTIONS FOR USE**

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

Apply BMP 144 DFX to any water sites except treated, finished drinking water reservoirs or drinking water receptacles.

**MOSQUITOES:**

<b>Habitat</b>	<b>Rate Required for Control</b>
Flood water, roadside ditches, irrigation ditches, rice fields, pastures, woodland pools, snowmelt pools, standing pools .....	1/8 – 1/3 lbs/A
Tidal water, salt marshes, catch basins, and storm water retention areas.....	1/3 – 2/3 lbs/A
Polluted water (sewage lagoons, etc.) water with moderate organic matter, and water with a high concentration of suspended solids.....	2/3 – 1 1/3 lbs/A

**SPECIFIC APPLICATION INSTRUCTIONS:**

**General:** Apply BMP 144 DFX in conventional aerial and ground application equipment with sufficient water to provide thorough coverage of the target area. The amount of water needed depends on weather, type of spray equipment and mosquito habitat.

Make ground applications in 5-100 gallons per acre in conventional equipment. Use as low as one gallon per acre surface area when the target area is open with light vegetative cover.

Make aerial applications diluted or undiluted. Fill the mix tank or aircraft hopper with the appropriate volume of water and agitate before adding BMP 144 DFX. Maintain agitation

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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 determine the potential for spray drift. The applicator and the grower are responsible for considering all of these factors when making decisions.

**SPECIFIC APPLICATION INSTRUCTIONS:** Apply with conventional ground and aerial application equipment or metered release systems from infested sites to achieve larvicidal concentrations. Insecticidal activity will occur within 24 hours. Reapply as needed.

**STORAGE AND DISPOSAL**

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

**Storage:** Store in a cool (59 – 86° F; 15 – 30° C), 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:** Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) then puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.

**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.

(In case of emergency endangering life and property involving this product, call collect, day or night, (954) 345-9321.)

**OPTIONAL LABEL CLAIMS**

- Biolarvicide
- Water Dispersible Granule
- A microbial insecticide effective against mosquitoes.
- Biological Mosquito Control.
- A microbial insecticide effective against mosquitoes in a variety of habitats.
- Easy to use.
- Use in standing water (where mosquitoes may breed); see label for specific use sites.
- Use in containerized water (where mosquitoes may breed); see label for specific use sites.
- Effective year-round when mosquito larvae are present.
- (Controls mosquito(es)) 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.