



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

MAR 24 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Becker Microbial Products, Inc.  
c/o Ms. Christine Dively  
Jellinek, Schwartz & Connolly, Inc.  
1015 15th Street, NW, Suite 500  
Washington, D.C. 20005

Dear Ms. Dively:

Subject: BMP 144 2X Label Amendment  
EPA Registration No. : 62637-1

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable subject to the following comments.

1. Delete "highly selective." You may claim that your product does not harm specific life stages of specific insects when supporting data is submitted which supports such claims.
2. Move the Statement of Practical Treatment heading so it is directly over the If on Skin statement.
3. Add the heading "Hazards to Humans and Domestic Animals" directly above the precautionary statements beginning "CAUTION: Avoid contact..." and add the statements "Harmful if inhaled or absorbed through the skin." in front of "Avoid contact..."
4. Delete "Since the active ingredient in BMP 144(2X) is exempt from the requirement of a tolerance on all raw agricultural commodities,".



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A copy of the 1/26/94 Precautionary Review Section review is enclosed for your information.

A stamped copy of the label is enclosed for your records. Submit five (5) copies of final printed labeling.

Sincerely,



Phillip Hutton  
Product Manager 18  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

3 7 4

# BMP 144 (2X)

## Biolarvicide

### Biological Larvicide Aqueous Suspension

A highly selective microbial insecticide effective against mosquitoes and blackflies in a variety of habitats.

ACTIVE INGREDIENT: *Bacillus thuringiensis* subspecies *israelensis*, 1200 International

Units (ITU/mg)\* ..... 1.2%

INERT INGREDIENTS ..... 98.8%

TOTAL ..... 100.0%

\*Equivalent to 4.84 Billion ITU/gallon (1.28 Billion ITU/liter).

EPA Reg. No.: 62637-1

EPA Est. No: 67129-IL-001

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

### STATEMENTS OF PRACTICAL TREATMENT

**CAUTION:** 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.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF IN EYES:** Flush eyes with plenty of water. Get medical attention if irritation persists.

See back panel for Additional Precautionary Statements and Directions for Use.

### 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, Area Code 305-474-7590.

Net Contents: 2.5 gallons (20 pints)

**MANUFACTURED BY:**  
BECKER MICROBIAL PRODUCTS, INC.  
9464 N.W. 11th Street  
Plantation, Florida 33322

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

**MAR 24 1994**

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

62637-1

**BEST AVAILABLE COPY**

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

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

**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:** Triple rinse (or equivalent), then puncture and dispose of 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.

BMP 144 (2X) may be applied to any water sites except treated, finished drinking water reservoirs or drinking water receptacles. Since the active ingredient in BMP 144 (2X) is exempt from the requirement of a tolerance on all raw agricultural commodities, applications to irrigation water are permissible.

**MOSQUITOES:**

<b>Habitat</b>	<b>Rate Required for Control</b>
Flood water, roadside ditches, irrigation ditches, rice fields, pastures, woodland pools, snow melt pools .....	0.25-1.0 pts./A
Tidal water, salt marshes, catch basins, storm water retention areas .....	0.50-1.0 pts./A
Polluted water (sewage lagoons, etc.) water with moderate organic matter, and water with a high concentration of suspended solids .....	1.0-2.0 pts./A

**SPECIFIC APPLICATION INSTRUCTIONS**

BMP 144 (2X) may be applied in conventional aerial and ground application equipment with sufficient water to provide thorough coverage of the target area. The amount of water needed will be dependent on weather, type of spray equipment and mosquito habitat.

Ground applications should be made in 5-100 gallons per acre in conventional equipment. As low as one gallon per surface area can be used when the target area is open with a light vegetative cover. Aerial applications may be done diluted or undiluted. For undiluted applications, apply 0.20 to 2.0 pts./A of BMP 144 (2X) 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 BMP 144 (2X). Maintain agitation during loading and spraying.

**BLACKFLIES:**

SUGGESTED CONCENTRATION RANGE .....0.5-75 ppm  
(0.5-75 mg/liter of stream water)

The concentration should be maintained in the stream for 15 minutes.

**SPECIFIC APPLICATION INSTRUCTIONS**

Apply with conventional ground and aerial application equipment or metered release systems from infested sites to achieve larvicidal concentrations. Insecticidal activity should occur within 24 hours. Reapply as needed. BMP 144 (2X) may be applied undiluted through appropriate ULV application equipment.

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