

62637-14

11-7-2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division
(7511C) 401 M St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

62637-14

Date of Issuance:

NOV 07 2002

Term of Issuance:

Conditional

Name of Pesticide Product:

BMP 144 DF 3000

NOTICE OF PESTICIDE:

[x] Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Becker Microbial Products, Inc.
5786 N.W. 119th Drive
Coral Springs, FL 33076-4025

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.

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.

This product is conditionally registered in accordance with FIFRA Sec. 3(c)(7)(A) provided you:

- (1) Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 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 section 4.
(2) Submit efficacy data to support label claims against mosquitoes and blackflies (see OPPTS guideline 810.3400). The test material must be the formulated end-use product. These data must be submitted to the Agency within 3 months of the date of the conditional registration.
(3) Add the phrase "EPA Reg. No. 62637-14" to the product label.
(4) Submit five (5) copies of your final printed labeling before release of the product for shipment.

see page 2

Signature of Approving Official:

[Handwritten Signature]

Janet L. Andersen, Director, Biopesticides and Pollution Prevention Division (7511C)

Date:

NOV 07 2002

CONCURRENCES

Table with columns for SYMBOL, SURNAME, and DATE. Includes handwritten entries: 7511C, Reynolds, 10/29/02.

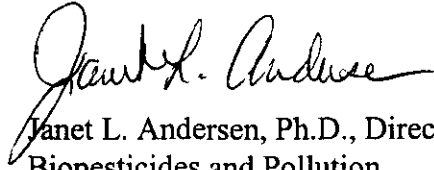
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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely,

A handwritten signature in cursive script, appearing to read "Janet L. Andersen".

Janet L. Andersen, Ph.D., Director
Biopesticides and Pollution
Prevention Division (7511C)

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BMP 144 DF 3000 Biolarvicide • Water Dispersible Granule

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

ACTIVE INGREDIENT:

Bacillus thuringiensis subspecies *israelensis* solids, spores
and insecticidal toxins*43.0%

OTHER INGREDIENTS:57.0%

TOTAL:100.0%

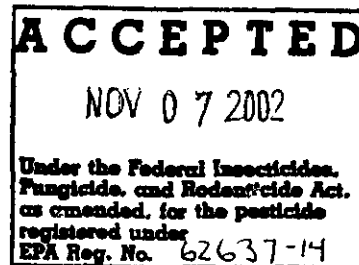
* Equivalent to 7,000 International Toxic Units (ITU)/mg (1.36 Billion ITU/lb or 3.0 Billion ITU/kg). Potency units should not be used to adjust rates beyond those specified in the Directions for Use Section. Note: The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
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 further treatment advice.
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 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.	

EPA Reg. No.: (pending as File Symbol 62637-RU)
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



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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Harmful if inhaled or absorbed through the skin. Avoid breathing dust. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE): 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.

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 DF 3000 may be applied to any water sites except treated, finished drinking water reservoirs or drinking water receptacles.

MOSQUITOES:

Habitat	Rate Required for Control (Ounces per acre)
Flood water, roadside ditches, irrigation ditches, floodwater, rice fields, pastures, woodland pools, snowmelt pools, standing pools, tidal water, salt marshes, catch basins, and storm water retention areas.....	13/4 – 7.0 (50 - 200 g/acre) (125 – 500 g/ha)
Standing water in fields growing crops such as: alfalfa, almonds, asparagus, corn, cotton, dates, grapes, peaches, and walnuts may be treated to control mosquito larvae at the recommended rates. When applying BMP 144 DF 3000 to these fields, do not apply this product in a way that will contact workers or persons either directly or through drift. Only protected handlers may be in the area during application.	
Polluted water (sewage lagoons, etc.) water with moderate organic matter, and water with a high concentration of suspended solids	7.0 – 14.0 (200 – 400 g/acre) (0.5 – 1.0 kg/ha)

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Use the higher rate range when larvae are in the third or early fourth instar, mosquito populations are high, water is heavily polluted, and/or algae are abundant.

DILUTION RATES FOR SMALL QUANTITIES OF SPRAY:

Gallons of Spray Mixture per Acre
(Ounces / grams needed per gallon of spray)

Rates in		Final concentration, ounces/gallon of spray		
Ounces/Acre	Grams/Acre	10 Gal/Acre	25 Gal/Acre	50 Gal/Acre
1.75	50	0.175	0.07	0.04
3.50	100	0.35	0.14	0.07
7.00	200	0.70	0.28	0.14
14.00	400	1.40	0.565	0.28

SPECIFIC APPLICATION INSTRUCTIONS:

General: BMP 144 DF 3000 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 acre surface area can be used when the target area is open with light vegetative cover.

Aerial application, fill the mix tank or aircraft hopper with the appropriate volume of water and agitate before adding BMP 144 DF 3000. 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 determine the potential for spray drift. The applicator and the grower are responsible for considering all of these factors when making decisions.

Mixing Instructions: Fill tank with the required amount of water. Initiate moderate agitation and continue throughout mixing. Slowly pour BMP 144 DF 3000 into the water where turbulence is the greatest. After the BMP 144 DF 3000 is dispersed, the product will remain suspended for normal application periods. Additional agitation may be required if product sets for an extended period.

NUISANCE FLIES:

For control of the Nuisance Flies *Psychoda* spp. and *Chironomus* spp. in sewage treatment facilities utilizing trickling filter systems.

APPLICATION DIRECTIONS

<u>Nuisance Fly Habitat</u>	<u>Suggested Use Rates</u> ⁽¹⁾
Trickling filter system of wastewater treatment plants	4 – 20 mg per liter of wastewater feed to the system per 30 minutes.

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1. 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: Chironomini*) inhabiting shallow, man-made and natural lakes and ponds.

APPLICATION DIRECTIONS

<u>Nuisance Midge Habitat</u>	<u>Suggested Rate Range ⁽¹⁾</u>
Shallow lakes and ponds	3.5 pounds / acre
Per sewage oxidation ponds (less than an acre 6 feet deep)	(1.6 kg / acre)

1. 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 *Chironomini* midges may take up to two weeks.

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: 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.

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, (800) 759-1602.