

PM 17 62637-1-116

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO. 62637-1-116
DATE OF ISSUANCE APR 24 1990

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT
BMP 144 (2X)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Becker Microbial Products, Inc.
9464 N.W. 11th St.
Plantation, FL 33322

161 / 23386
B

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.
Registration is in no way to be construed as an indorsement or approval of this product by this 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 conditionally registered in accordance with FIFR sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 2(c)(5) when the Agency requires all registrants of similar products to submit such data.

The Agency has recently issued the Bacillus thuringiensis Registration Standard. Although some of the requirements set forth in the Bacillus thuringiensis Registration Standard have been filled you must satisfy the remaining requirements. As Diane Allemong's 8/10/89 letter commits, Becker Microbial Products must conduct the remaining required studies within the time frames set forth in the Registration Standard.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration No. 62637-1."

BEST AVAILABLE COPY

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL
See P. 2 & 3

DATE
4/24/90

b. Adjust your formulation and submit a revised Confidential Statement of Formula (CSF) to remove the sodium bisulfate in your formulation and replace it with other inert ingredient(s) in your CSF dated 4/10/90.

c. Adjust your formulation and submit a revised CSF so that the upper limit for [redacted] does not exceed [redacted] of the formulation.

d. The label should include a referral statement since the precautionary statements and the statements of practical treatment do not appear on the front panel. Add the following statement to the front panel, "See additional precautionary statements and statements of practical treatment on side/back panel."

e. The heading "Directions for Use" currently appears at the end of the actual directions. Delete the heading "Application Directions" and move the heading "Directions for Use" and the misuse statement into that space.

f. Revise the precautionary statements as follows:

"CAUTION. Harmful if inhaled or absorbed through skin. 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."

g. Add the heading "Statements of Practical Treatment" and information as follows:

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

h. Delete the phrase "General Classification."

i. Delete the statement "If shorter dosage times are required use a higher rate of 34P 144 (2X) to maintain effective concentration."

3. Submit five (5) copies of your final printed labeling and a revised CSF before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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.

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SYMBOL							
SURNAME							
DATE							

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

Sincerely yours,

Phil Hutton 36

Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (R7505C)

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CONCURRENCES							
SYMBOL							
ORNAME							
DATE							

416

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 24 1990

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

62637-1

BMP 144 (2X)
High Potency Biological Larvicide
Aqueous Suspension

ACTIVE INGREDIENT: Bacillus thuringiensis var. israelensis,
1200 International Units (ITU) per milligram (Equivalent to
4.84 billion ITU/gallon; 1.28 billion ITU/liter.....1.2%
INERT INGREDIENTS.....98.8%

KEEP OUT OF REACH OF CHILDREN

CAUTION

BMP 144 (2X) is a highly selective microbial insecticide effective
against mosquitoes and blackflies in a variety of habitats.

APPLICATION DIRECTIONS

MOSQUITOES

<u>Habitat</u>	<u>Rate Required for Control</u>
Flood water, roadside ditches, irrigation ditches, rice fields, pastures, woodland pools, snow melt pools.....	0.25-0.5 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

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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.

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Aerial applications may be done diluted or undiluted. For undiluted applications, apply 0.2 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.

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BLACKFLIES

SUGGESTED CONCENTRATION RANGE.....0.5-0.75 PPM
(0.5-0.75 mg/liter
of stream water)

The concentration should be maintained in the stream for 15 minutes. If shorter dosage times are required use a higher rate of BMP 144 (2X) to maintain effective concentration.

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.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS:

Avoid inhalation or contact with the eyes or open wounds. As a precautionary measure in case of contact, flush eyes or open wound with water. In case of irritation, contact a physician.

DIRECTIONS FOR USE: General Classification. It is a violation of federal law to apply this product in a manner inconsistent with its labeling. 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.

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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.

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.

BECKER MICROBIAL PRODUCTS, INC.
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Plantation, Florida 33322