



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 23, 2020

Kim Davis
Authorized Agent to Becker Microbial Products, Inc.
RegWest Company LLC, Suite B
8209 West 20th Street
Greeley, CO 80634

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Revise the labeling to update potency, precautionary statements, and directions for use and response to the Product Performance Term of Registration
Product Name: BMP 144 DF 3000
EPA Registration Number: 62637-14
Application Dates: 07/20/2003 and 10/12/2018
OPP Decision Numbers: 340368 and 545078

Dear Ms. Davis:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration

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process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Additionally, in a memorandum dated August 27, 2019, the EPA rated the submitted product performance data (MRID No. 465759-01) as unacceptable. Thus, you have not fulfilled condition #2 of the November 7, 2002, BMP 144 DF 3000 Registration Notice. You must submit mosquito product performance data (Guideline 810.3400) to fulfill that condition. Your failure to provide these data in a timely or adequate manner may result in initiation of a cancellation action against your registration.

Your release for shipment of this product constitutes acceptance of these conditions. If you fail to satisfy these data requirements, the EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e).

If you have any questions, please contact Cody Kendrick by phone at (703) 347-0468 or via email at kendrick.cody@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "SEIICHI MURASAKI". The signature is written in a cursive style with a large initial "S" and "M".

Seiichi Murasaki, Senior Regulatory Advisor
Microbial Pesticides Branch
Biopesticides and Pollution Prevention Division (7511P)
Office of Pesticide Programs

Enclosures: Stamped Label

BMP 144 DF 3000

{Alternate Brand Name: AQUABAC® WDG 3000}

Bioinsecticide • Water Dispersible Granules

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

ACTIVE INGREDIENT:

Bacillus thuringiensis subspecies *israelensis* strain BMP 144
 solids, spores and insecticidal toxins 43%

OTHER INGREDIENTS 57%

TOTAL 100%

Equivalent to 3,000 ITU/mg of product (1.4 billion ITU/lb of product or 3.0 billion ITU/kg of product). 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. For non-emergency information concerning this product call the National Pesticides Information Center (NPIC) at 1-800-858-7378 (NPIC website: www.npic.orst.edu). For medical emergencies call your local poison control center at 1-800-222-1222.	

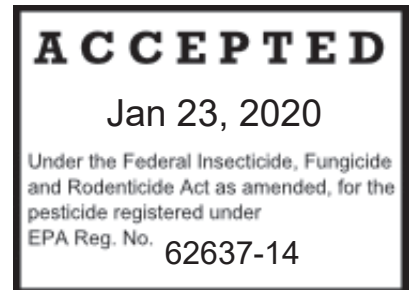
See back panel for additional Precautionary Statements.

EPA Reg. No. 62637-14 EPA Est. _____

Manufactured for:
BECKER MICROBIAL PRODUCTS, INC.
 11146 N.W. 69th Place
 Parkland, FL 33076

Net Contents: _____

Batch Code: _____



**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 and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Mixers/loaders and applicators not in enclosed cabs or aircraft must wear protective eyewear, a long-sleeved shirt, long pants, socks, shoes and a NIOSH-approved particulate respirator with any N, R or P filter with NIOSH approval number prefix TC-84A; or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. When reduced PPE is worn in enclosed cabs or aircraft, handlers must be provided all PPE previously specified and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

USER SAFETY RECOMMENDATIONS: Users should immediately remove clothing/PPE if pesticide gets inside, then wash thoroughly and put on clean clothing. Users should immediately remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS: For terrestrial uses: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to apply this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. BMP 144 DF 3000 may be applied to any water sites except treated, finished drinking water reservoirs or drinking water receptacles. Do not apply to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

MOSQUITOES:

Habitat	Rate Required for Control (Ounces per acre)
Flood water, roadside ditches, irrigation ditches, rice fields, pastures, woodland pools, snowmelt pools, standing pools, tidal water, salt marshes, catch basins and storm water retention areas	1.75 - 7 (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.	7 - 14 (200 - 400 g/acre) (0.5 - 1 kg/ha)
Polluted water (sewage lagoons, etc.), water with moderate organic matter and water with a high concentration of suspended solids	

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 Ounces/Acre	Grams/Acre	Final Concentration, Ounces/Gallon of Spray		
		10 Gallons/Acre	25 Gallons/Acre	50 Gallons/Acre
1.75	50	0.175	0.07	0.04
3.5	100	0.35	0.14	0.07
7	200	0.7	0.28	0.14
14	400	1.4	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.

Make ground applications 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 sits for an extended period.

NUISANCE FLIES:

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

APPLICATION DIRECTIONS

Nuisance Fly Habitat	Suggested Use Rates*
Trickling filter system of wastewater treatment plants	4 - 20 mg per liter of wastewater feed to the system per 30 minutes.
*Use higher rates for control of <i>Chironomus</i> 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 <i>Chironomus</i> 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

Nuisance Midge Habitat	Suggested Rates Range*
Shallow lakes and ponds per sewage oxidation ponds (less than an acre 6 feet deep)	3.5 pounds/acre (1.6 kg/acre)

*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 the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances.

{Per PR Notice 2007-4 the batch code/lot number will appear on the label or container.}

WARRANTY

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

{Graphic for Alternate Brand Name}



{ } Denotes language that does not appear on the market labeling