



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 10, 2021

Kim Davis
Authorized Agent to Becker Microbial Products, Inc.
RegWest Company LLC
8209 West 20th Street, Suite B
Greeley, CO 80634-4699

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Add
“Larvae Control in Urban and Rural Areas” Statement to the Directions for Use, Modify
the Ground Application Directions, and Make Language Changes Requested by the EPA
(e.g., Add User Safety Requirements, as this is an Occupational Use Product)
Product Name: BMP 144 DF 3000
EPA Registration Number: 62637-14
Application Date: 12/23/2020
Action Code Case No.: 00147514

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

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made on the website may not substantially differ from those claims approved through the registration 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.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Hannah Dean via email at dean.hannah@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'JKausch', written in a cursive style.

Jeannine Kausch, Product Manager 92
Microbial Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

BMP 144 DF 3000

{Alternate Brand Name}: AQUABAC® WDG 3000

Bioinsecticide • Water Dispersible Granules

A microbial insecticide effective against larvae of 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

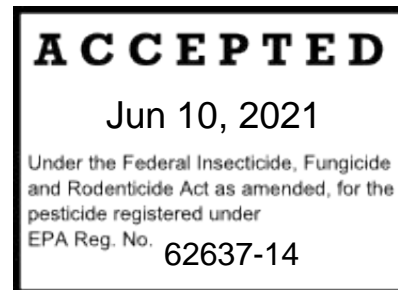
FIRST AID	
If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: 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.
[HOTLINE NUMBER]	
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 Pesticide Information Center (NPIC) at 1-800-858-7378 Monday through Friday, 8 am to 12 pm Pacific Time (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.

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

Net Weight: _____ Batch Code: _____



**PRECAUTIONARY STATEMENTS
 HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if inhaled or absorbed through the skin. Avoid breathing dust or spray mist. 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 and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and other handlers not in enclosed cabs or aircraft must wear protective eyewear, waterproof gloves, a long-sleeved shirt, long pants, socks and shoes. Mixers/loaders and applicators not in enclosed cabs or aircraft must wear 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. (Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.) Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

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.

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 site, except treated, finished drinking water reservoirs.

MOSQUITO LARVAE CONTROL IN URBAN AND RURAL AREAS:

Habitat	BMP 144 DF 3000 Application Rate Range (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	7 - 14 (200 - 400 g/acre) (0.5 - 1 kg/ha)
Polluted water (e.g., sewage lagoons), water with moderate organic matter and water with a high concentration of suspended solids	

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

DILUTION RATES FOR SMALL QUANTITIES OF SPRAY

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

BMP 144 DF 3000 Rates in Ounces/Acre	Rates in Grams/Acre	Final Concentration, Ounces/Gallon of Spray		
		10 Gallons/Acre	25 Gallons/Acre	50 Gallons/Acre
1.75	50	0.175	0.07	0.035
3.5	100	0.35	0.14	0.07
7	200	0.7	0.28	0.14
14	400	1.4	0.56	0.28

SPECIFIC APPLICATION INSTRUCTIONS In Urban and Rural Areas

General: BMP 144 DF 3000 may be applied in conventional ground or aerial application equipment in a sufficient quantity of water to provide thorough coverage of the target area. The amount of water will depend upon weather, type of spray equipment and mosquito habitat. Reapply as necessary to maintain larval control. **Thoroughly rinse and flush spray equipment following each use.**

Mixing Instructions: Fill the mix tank or aircraft hopper with the appropriate volume of water. Initiate moderate mechanical or manual agitation, then slowly pour BMP 144 DF 3000 into the water. Backpack and compressed air sprayers may be agitated by shaking after adding BMP 144 DF 3000 to the water in the sprayer. BMP 144 DF 3000 readily suspends in water and will stay suspended over normal application periods. Additional agitation may be required if the spray mixture sits for an extended period. Do not mix more BMP 144 DF 3000 spray solution than can be used in a 48-hour period. Do not continually agitate the spray mixture during application.

Ground Application: Apply BMP 144 DF 3000 at a rate of 1.75-14 ounces/acre in 5-100 gallons of water per acre using hand-pump, airblast, mist blower or other conventional equipment. As low as one gallon of water per acre can be used when the target area is open with light vegetative cover.

Aerial Application: Apply BMP 144 DF 3000 at a rate of 1.75-14 ounces/acre in 0.25-10 gallons of water per acre using fixed wing or helicopter aircraft equipped with either conventional boom and nozzle systems or rotary atomizers to provide uniform coverage of the target area. 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.

NUISANCE FLIES:

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

APPLICATION DIRECTIONS

<u>Nuisance Fly Habitat</u>	<u>BMP 144 DF 3000 Application Rate Range*</u>
Trickling filter system of wastewater treatment plants	4 - 20 mg per liter (0.0005 - 0.0027 oz per gallon) of wastewater fed to the system per 30 minutes.
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.	
*Use higher rates for control of <i>Chironomus</i> spp. larvae. Control of <i>Chironomus</i> spp. larvae may take two weeks.	

NUISANCE AQUATIC MIDGES:

For control of *Chironomine* midge larvae (*Chironominae: Chironomini*) inhabiting shallow lakes and ponds that are natural or man-made.

APPLICATION DIRECTIONS

<u>Nuisance Midge Habitat</u>	<u>BMP 144 DF 3000 Application Rate*</u>
Shallow lakes/ponds including 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. *Chironomini* midge larvae control may take up to two weeks.

STORAGE AND DISPOSAL

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

Pesticide 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. If burned, stay out of smoke.

{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 accordance with label instructions.

{Graphic for Alternate Brand Name}



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

[] Denotes alternate/optional language