



Biolarvicide • 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. 93280-CAN-1
Net Contents: 25 lbs. (11.34 kgs)
Batch Code:

Manufactured For:
Becker Microbial Products, Inc.
3677 23rd Ave S suite C-107
Lake Worth Beach, FL 33461

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.

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)

Ounces/Acre	Rates in		Final concentration, ounces/gallon of spray		
	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: AQUABAC WDG 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 AQUABAC WDG 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 AQUABAC WDG 3000 into the water where turbulence is the greatest. After the AQUABAC WDG 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

Nuisance Fly Habitat

Suggested Use Rates⁽¹⁾

Trickling filter system
of wastewater treatment plants

4 – 20 mg per liter of wastewater
feed to the system per 30 minutes.

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

Nuisance Midge Habitat

Suggested Rate Range⁽¹⁾

Shallow lakes and ponds
Per sewage oxidation ponds
(less than an acre 6 feet deep)

3.5 pounds / acre
(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 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.

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.