

BACTIMOS

WETTABLE POWDER FOR CONTROL
OF MOSQUITO AND BLACK FLY LARVAE

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BACTIMOS

WETTABLE POWDER FOR CONTROL
OF MOSQUITO AND BLACK FLY LARVAE

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

APPLICATION RATES

For Mosquito Larvae: Apply 2 to 12 oz by weight (or) 0.125 to 0.75 kg/hectare (0.025 to 0.15 mg product/liter = ppm) Use the higher rates on heavily polluted water, when populations are dense, and when larvae are nearly grown or in fourth instar. Most treatments will require no more than 4 oz/acre (or) 0.25 kg/hectare. Apply in enough diluent to cover the area. Dilute in the volume of carrier that is compatible with available equipment. Apply only when mosquitoes are larvae and not pupae.

Conditions:	Rate:
Pools, ponds, flood water, pastures, ditches, ricefields, brackish water, light to moderate populations	2-6 oz/acre
Canals, basins, tidal water, swamps, storm water retention areas, sewage waste lagoons, high pollution or organic content, heavy vegetative cover, high populations, 4th instar larvae.	4-12 oz/acre

When mixing with water for spray application, partially fill the tank and add the required amount of BACTIMOS. Mix thoroughly and finish filling the tank. The spray solution may stand for up to a week, if necessary, if clean water is used in mixing. Agitate before use and during use.

with continuous mixing or by moving spray tank. Apply in a uniform way. Treat once per week if a regular treatment schedule is required. For application in dense vegetation or canopy areas, granular preparations can be produced on site by first coating a carrier (sand, corn cobs or others) with a binding agent (vegetable or other light oils) and then mixing with Bactimos WP. For detailed preparation instructions refer to Biochem's "Preparation of Bactimos Sand Granules". Apply with standard granular disposal equipment. Apply in uniform way. Use granules within 2 weeks of preparation.

SMALL QUANTITY DILUTION RATES

Level tablespoonfuls to use per acre	Rate in oz weight per acre
8	2
15 (1 level 8 oz cupful)	4
23	6
31 (2 level 8 oz cupfuls)	8
39	10
46 (3 level 8 oz cupfuls)	12

Use enough diluent so that available equipment will give adequate coverage and deliver the selected rate.

Black Fly Larvae: Use enough diluent and measured release. The portion of water in the stream carrying the treatment becomes longer and the treatment more dilute as it goes downstream from the point of treatment. Apply upstream from infestations so that black fly larvae may have at least 5 minutes exposure. Measure stream flow with a meter or approximate using average metric stream depth and width to

determine stream area and a floating object timed over a measured distance to gauge velocity. Multiply area times velocity to determine volume of flowing water per minute.

BLACK FLY LARVAE TREATMENT RATES

River or stream size	Milligrams product per liter per minute treated water (ppm)	Treatment duration in minutes
Large	0.5 to 2.0	10
	1.0 to 4.0	5
	5.0 to 20.0	1
Small	5.0 to 10.0	3
	15.0 to 30.0	1

Apply only when black flies are larvae and not pupae. Allow 24 hours minimum for control. Repeat when reinfestation occurs.

Notice: Biochem Products makes no warranty, express or implied, including the warranties of commercially acceptable quality and/or fitness for any particular purpose concerning this material other than those which are contained on this label.

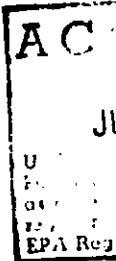
EPA Registration No.
43342-3
EPA Est. No.

Net Weight
44 lb. (20 Kg.)
Lot No.

ACTIVE INGREDIENT: *Bacillus thuringiensis* Berliner
Aedes aegypti (AA) International Toxic Units (ITU) per pound of product
INERT INGREDIENTS

*Equivalent to 1.59 billion AA ITU per pound of product

CAUTION: KEEP OUT OF REACH OF CHILDREN



PRECAUTIONARY STATEMENTS

Hazards to Humans: Avoid inhalation or contact with eyes or open wounds.

STORAGE AND DISPOSAL

Storage: Tightly close containers of unused Bactimos. Store in a cool, dry place.
Disposal: Do not reuse empty container. Perforate or crush and discard container according to local trash disposal regulations and in a safe place. Do not contaminate food or potable water by disposal.

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in a uniform way. Treat
regular treatment
dense vegetation or
nular preparations can be
y first coating a carrier
(s or others) with a
etable or other light
ng with Bactimos WP
ration instructions refer
paration of Bactimos
pply with standard
equipment. Apply in
granules within 2 weeks

TY DILUTION RATES

Rate in oz weight per acre
2
4
6
8
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12

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EPA Registration No.
43382-3
EPA Est. No.

Net Weight:
44 lb. (20 Kg.)
Lot No.

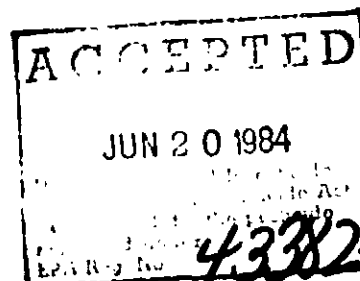
BACTIMOS™

WETTABLE POWDER FOR CONTROL
OF MOSQUITO AND BLACK FLY LARVAE

ACTIVE INGREDIENT *Bacillus thuringiensis* Berliner var. *israelensis* Serotype H-14, 3,500
Aedes aegypti (AA) International Toxic Units (ITU) per milligram formulated product.* 50%
INERT INGREDIENTS 50%
100%

*Equivalent to 1.59 billion AA ITU per pound of product

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Perforate or crush and discard container
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regulations and in a safe place. Do not
contaminate food or potable water by
disposal



**Biochem
Products**

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Montchanin, Delaware 19710

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