

37100-30

(275-123)

Sign
Here

Product of Duphar B.V., Weesp, Holland.

ACTIVE INGREDIENT: *Bacillus thuringiensis* Berliner, var. *israelensis*, Serotype
-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.

Keep Out of Reach of Children

CAUTIONPRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS: Avoid inhalation
or contact with eyes or open wounds.

DUPHAR B.V.

Crop Protection Division,
C.J. van Houtenlaan 36,
1381 CP Weesp, Holland.**STORAGE AND DISPOSAL**

Storage: Store in original containers of unused Bactimos. Store in a cool, dry place.

Disposal: Do not reuse empty container. Perforate or crush and discard con-
tainer according to local trash disposal regulations and in a safe
place. Do not contaminate food or potable water by disposal.

EPA REG. NO. 37100-30

EPA EST. NO. 37100-HL-01

DIRECTIONS FOR USEIt is a violation of Federal Law to use this product in a manner inconsistent with
its labeling.**APPLICATION RATES**Mosquito Larvae: Apply 2 to 12 oz by weight/acre (or) 0.126 to 0.76 kg/hectare
(0.025 to 0.15 mg product/liter = ppm).Use the higher rates in 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.

ACCEPTED

JUL 20 1989

Under the Federal Insecticide, Fungicide, and
Rodenticide Act, as amended, for the
pesticide registered under
EPA Reg. No. 37100-30

Conditions: Rat

Pools, ponds, flood water, pastures, ditches, ricefields,
brackish water, light to moderate populations: 2-6Catch basins, tidal water, salt marshes, storm water retention
areas, sewage waste lagoons, high pollution or organic
content, heavy vegetative cover, high populations, 4th instar
larvae: 4-1When mixing with water for spray application, partially fill the tar
required amount of BACTIMOS. Mix thoroughly and finish filling
spray solution may stand for up to a week, if necessary, if clean
in mixing. Agitate before use and during use with continuous mix
spray tank. Apply in a uniform way. Treat once per week if a reg
schedule is required.For application in dense vegetation or canopy areas, granular pr
be produced on site by first coating a carrier (sand, corn cob c
with a binding agent (vegetable or other light oils) and then mix
BACTIMOS WP. For detailed preparation instructions refer to "B
Bactimos Sand Granules". Apply with standard granular dispos
Apply in uniform way. Use granules within 2 weeks of preparati**SMALL QUANTITY DILUTION RATES**Level tablespoonfuls
to use per acre

8

15 (1 level 8 oz. cupful)

23

31 (2 level 8 oz. cupfuls)

39

46 (3 level 8 oz. cupfuls)

Use enough diluent so that available equipment will give adequate
deliver the selected rate.Black Fly Larvae: Use enough diluent and measured release. The p
in the stream carrying the treatment becomes longer and the tr
dilute as it goes downstream from the point of treatment. Apply i
infestations so that black fly larvae may have at least 5 min.
Measure stream flow with a meter or approximate using average
depth and width to determine stream area and a floating objec
measured distance to gauge velocity. Multiply area times veloci
volume of flowing water per minute.**BLACK FLY LARVAE TREATMENT RATES**

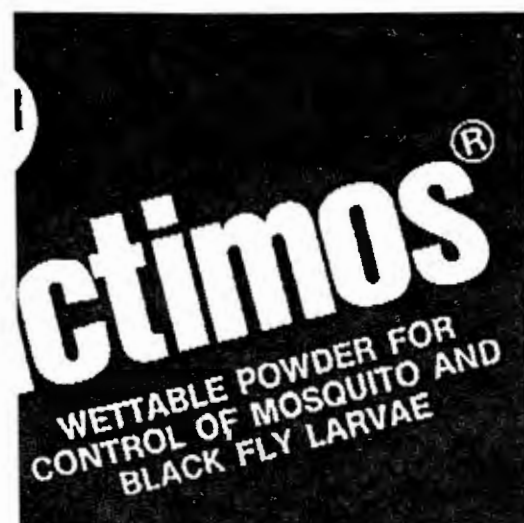
River or stream size	Milligrams product per liter per minute treated water (= ppm.)
Large	0.5 to 2.0 1.0 to 4.0 5.0 to 20.0
Small	5.0 to 10.0 15.0 to 30.0

Apply only when black flies are larvae and not pupae. Allow 24 h
for control. Repeat when reinfestation occurs.Notice: DUPHAR B.V. makes no warranty, express or implied, inc
rancies of commercially acceptable quality and/or fitness for any
pose concerning this material, other than those which are containe

NET WEIGHT:

LOT NO.

37100-30



Conditions:

Rates:

Pools, ponds, flood water, pastures, ditches, ricefields, brackish water, light to moderate populations:

2-6 oz/acre

Catch basins, tidal water, salt marshes, 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 cob grits or others) with a binding agent (vegetable or other light oils) and then mixing with BACTIMOS® WP. For detailed preparation instructions refer to "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	6.0 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: DUPHAR B.V. 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.

NET WEIGHT:

LOT NO.

ACCEPTED

JUL 20 1989

I.V., Weesp, Holland.

Bacillus thuringiensis Berliner, var. *israelensis*, Serotype *ypti* (AA) International Toxic Units (ITU) per milligram

50%*

50%

100%

1000 AA ITU per pound of product.

Keep Out of Reach of Children

CAUTION

CAUTIONARY STATEMENTS
DANGERS TO HUMANS: Avoid inhalation
Contact with eyes or open wounds.

DUPHAR B.V.

Crop Protection Division,
C.J. van Houtenlaan 36,
1381 CP Weesp, Holland.

STORAGE AND DISPOSAL

Residuals of unused Bactimos. Store in a cool, dry place.

Do not use in container. Perforate or crush and discard contents. Follow local trash disposal regulations and in a safe manner eliminate food or potable water by disposal.

EPA EST. NO. 37100-HL-01

INSTRUCTIONS FOR USE

Read label carefully. Do not use this product in a manner inconsistent with label directions.

APPLICATION RATES

2 to 12 oz by weight/acre (or) 0.125 to 0.75 kg/hectare (or) 125 to 750 g/hectare (or) 125 to 750 ppm.)

For heavily polluted water, when populations are dense, and when grown or in fourth instar. Most treatments will require 1 (or) 0.25 kg/hectare.

Apply to cover the area. Dilute in the volume of carrier that will be used. Apply only when mosquitoes are larvae.