

Draft Labelling

286
ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 21 1985

BIOBIT - WETTABLE POWDER

ACTIVE INGREDIENT:

Bacillus thuringiensis Berliner var. Kurstaki, primary powder
fermentation product, potency of 16,000 International Units per
mg of product (equivalent to 7.3 billion I.U./lb) 29%

Inert Ingredients 71%

Total 100%

CAUTION

KEEP OUT OF REACH OF CHILDREN

If swallowed: drink 1 or 2 glasses of water

If inhaled: remove victim to fresh air

If in eyes: flush eyes with water until irritation has ceased

If on skin: wash in clean water

Manufactured by: Tate and Lyle PLC, Reading, England

EPA Establishment Number: 49054-EN-01

EPA Registration Number: 49054-G

NET CONTENTS: 11b (454grams)

Directions for Use

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

BIOBIT contains the spores and toxic crystals of Bacillus thuringiensis kurstaki. BIOBIT is a stomach poison and has highly specific activity against lepidopterous caterpillars. Individuals eating BIOBIT stop feeding within hours and die 4-5 days later. Apply as soon as caterpillars are seen. The use of a wetter is recommended in Brassica crops. Good cover is essential and spraying to run off is recommended. The tank contents should be agitated to prevent settling. Half fill the spray tank with water, sprinkle the correct quantity of BIOBIT over the surface and continue filling until the tank is full. Apply late in the afternoon.

386

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Spray Volumes

<u>Crop</u>	<u>gals/acre</u>	<u>Crop</u>	<u>gals/acre</u>
Cotton	5-8	Glasshouses	20-30
Field Crops	15-20	Fruit trees	40-50
Timber, Olives	15-30	Vineyards	25-70

For aerial applications use 2-5gals/acre.

Re-entry: The active ingredient Bacillus thuringiensis is exempt from tolerance requirements. BIOBIT may therefore be applied up to and including the day of harvest and in storage.

Storage and disposal: Store in a cool, dry place. Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

Precautionary Statements:

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

Environmental hazards: Avoid direct application to ponds, lakes or streams. Do not contaminate water by cleaning equipment or disposal of waste.

APPLICATION RATES

<u>Crop</u>	<u>Pests</u>	<u>Rate</u> (lb/acre)
Cotton	loopers, bollworm, budworm, pine moth,	1/2-1
Forestry (timber and fruit trees)	budworms, tussock moth, gypsy moth, tent caterpillars, brown tail moth, processionary caterpillars, tortrix moths, cankerworms, leafrollers, ermine moths, winter moths, orangedog, webworms, umber moths, redhumped caterpillar, oakmoth caterpillars etc.	1/2-1
Greenhouse (e.g.cucumber tomato, lettuce, flowers etc.)	loopers, bollworm, diamondback moth, tomato, fruitworm, hornworm	1/2-3/4
Soyabeans	loopers, budworm, hornworm, velvetbean caterpillar, cloverworm	1/2-3/4
Stored Products	Almond moth, indian meal moth, flour moth	2lb in 3 gallons/ metric tonne
	tobacco moth	1/2lb in 6 gallons/metric tonne.
Tobacco	budworm, hornworm, looper	1/2-3/4
Vegetables	armyworms	1-2
	tomato fruitworm, corn earworm, webworms, loopers, cutworms, salt marsh caterpillar, budworm, melonworm, pickleworm.	1/2-1
	diamondback moth, imported cabbage worm cloverworm, hornworm, alfalfa caterpillar.	1/4-1/2
Vines	leaffolders, leafrollers, berry moths tortrix moths.	1/2-1

5 of 6
Draft Labelling

DISTRIBUTED BY:

BATCH NO:

Warranty Notice:

All goods supplied by us are of high grade and we believe them suitable for the purpose recommended but as we cannot exercise control over their storage or use, no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use.

Made in England

BIOBIT microbial insecticide contains the spores and toxic crystals of *Bacillus thuringiensis kurstaki*. BIOBIT is a stomach poison and has highly specific activity against lepidopterous caterpillars. Individuals eating BIOBIT stop feeding within hours and die 4-5 days later. Apply as soon as caterpillars are seen at 0.5-1.0 Kg/ha in 500-1,000 litres water. The use of a wetter is recommended in Brassica crops. Good cover is essential and spraying to run off is recommended. The tank contents should be agitated to prevent settling. Half fill the spray tank with water, sprinkle the correct quantity of BIOBIT over the surface and continue filling until the tank is full. Apply late in the afternoon. There is no harvest interval.

BIOBIT microbial insecticide for control of lepidopterous caterpillars on glasshouse crops (tomatoes, chrysanthemums, carnations), horticultural crops (broccoli, brussel sprouts, cabbage, cauliflower, tomatoes, strawberries, raspberries), agricultural crops (cotton, maize, olives, vines) and forestry.

COMPATIBILITY: BIOBIT is completely safe to use with all commercially available biological pest control agents. This product should not be used with alkaline materials e.g. captafol, dinocap, Bordeaux mixture etc.

When in doubt consult your Agent.

Biobit[®] MICROBIAL INSECTICIDE

Manufactured by:

Distributed by:

One levelled scoopful
(provided in each pack)
holds 1/2 oz. or
15 gm. of powder

Batch No: Use by:

STORE IN A
COOL DRY
PLACE
16,000 I.U./mg

500 gm. net

B
121-557808
11274157808



Biobit[®] MICROBIAL INSECTICIDE

Biobit[®] MICROBIAL INSECTICIDE



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NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(5) provided that you:

1. Submit and/or cite the data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires it; and
2. Submit data of similar products to submit such data.

3. Add the phrase "EPA Registration No. 49054-4" to your label before you release the product for shipment.

4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Timothy A. Garner
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (75-767)

Enclosure
ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

8-23-87