

JUL 28 1993

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Delta Biological Products, Inc.
c/o Dr. Gene Bellet
7270 West 98th Terrrace, Suite 100
Overland Park, Kansas 66212

Dear Dr. Bellet:

Subject: Final Printed Labeling Submitted in Connection to EPA
Letter Dated 1/25/93 and Per 6/16/93 Meeting Agreement
DELTA BT®
EPA Registration No. 43567-1

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable provided that you submit revised labeling complying with EPA letter dated 6/15/93 by 9/23/93. Revised labeling submitted by 9/23/93 must also have the following text in the Environmental Hazards block, "Do not contaminate water when disposing of equipment washwaters."

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

Sincerely,



Phil Hutton
Product Manager 16
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	Mendon						
DATE	7/26/93						

Delta BT is a highly selective highly concentrated biological insecticide for use against larvae (caterpillars or worms) of lepidopteran insects. Delta BT must be eaten by the targeted larvae to be effective. Once a lethal dose is ingested Delta BT paralyzes the midgut of the larva. Usually within one hour the larvae stop feeding thus crop damage is halted. Affected larvae move slowly, drool, shrivel, starve and die from starvation within several days.

Larvae must be actively feeding on treated, exposed plant parts. Complete coverage of plant foliage where larvae are feeding is essential for effective pest control. A suitable sprayer either, cleared for use on growing and harvested crops, may be added to increase spray coverage, uniform deposition, and adhesion. Treat when larvae are young (1st and 2nd instars) before crop is extensively damaged. Monitoring insect infestation by close scouting and early attention to infestation is highly recommended. For heavy infestation and mature worms, use the higher label rates. Re-treat at intervals necessary to maintain control usually 3-14 days depending on factors such as plant growth rate, rainfall after treatment and moth activity.

DIRECTIONS FOR USE:

It is a violation of Federal law to apply this or any product in a manner inconsistent with its labeling.

Do not apply this product through any type of irrigation equipment.

Delta BT may be applied up to the day of harvest.

Delta BT may be applied by aerial equipment or conventional ground equipment with quantities of water necessary to ensure complete, uniform coverage of infested plant foliage. Apply Delta BT in at least 1 to 10 gallons of total spray volume per acre by air and at least 10 to 20 gallons of total spray volume per acre by ground. Higher spray volumes increase coverage. Ground application on trees should be made with 100 to 400 gallons of spray volume per acre. Add Delta BT to agitated spray solution. Agitate tank mixes thoroughly and continuously.

Do not mix more Delta BT than can be used in a 12 hour period.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool place. Do not allow spray solution to stand more than 12 hours before use. Do not use or store near heat and/or open flame.

PESTICIDE DISPOSAL: Improper disposal of excess pesticide, spray mixture or residue is a violation of Federal law. Waste resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple-rinse (or equivalent), adding rinsate to spray tank. Offer rinsed containers for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not reuse container.

The following plants may be treated with Delta BT. Complete coverage of plants and insects is essential for effective control of the following:

Citrus	Citrus fallworm, tobacco budworm, cabbage looper, armyworm, grass clearwing, hornworm, alfalfa caterpillar, velvetbean caterpillar, soybean looper.	2.5 10 4
NOTE:	-For heavy infestations and mature worms use up to 4 fl. oz. per acre (1 gallon per 20 acres) if sprayed with air pressure, tank mix Delta BT with an adjuvant. -In early season use the high concentration formulation of tobacco budworm and velvetbean caterpillar. Delta BT can be mixed with a surfactant. -In early season use to control mature worms of heavy populations of tobacco budworm and velvetbean caterpillar. Delta BT can be mixed with a pyrethroid. -In late season use to control mature worms of heavy populations of tobacco budworm and velvetbean caterpillar. Delta BT can be mixed with an organophosphate. -Do not mix Delta BT with insecticides with the same (group) number(s) of label limitations and precautions. No label change rates should be exceeded. This product cannot be mixed with any product carrying a label restriction against such tank mixing.	
1. Use 2.5 gal/acre with 25.5% a.i., AP) or Lannote LV (methoxy) 20% a.i., LV), diluted 1:1 for (methoxy) 17% a.i., SC), or Lannote SE (methoxy) 7% a.i., E).		
Soybeans	Cabbage looper, soybean looper, armyworm, grass clearwing, hornworm, alfalfa caterpillar, velvetbean caterpillar, pod worm (fallon budworm, tobacco budworm)	2.5 10 4
NOTE:	-For heavy infestations and mature worms use up to 4 fl. oz. per acre (1 gallon per 20 acres). -To control heavy populations of large soybean looper and armyworm in soybeans, Delta BT can be mixed with a surfactant, such as Lannote SE (methoxy) 25.5% a.i., AP) or Lannote LV (methoxy) 20% a.i., LV) in accordance with the same (group) number(s) of label limitations and precautions. No label change rates should be exceeded. This product cannot be mixed with any product carrying a label restriction against such tank mixing.	
Tobacco, peanuts, cottonseed, alfalfa, sorghum, sugarcane, clover	Citrus fallworm, tobacco budworm, cabbage looper, armyworm, grass clearwing, hornworm, alfalfa caterpillar, velvetbean caterpillar, soybean looper.	2.5 10 4
NOTE:	-For heavy infestations and mature worms use up to 4 fl. oz. per acre (1 gallon per 20 acres)	
Vegetables	Cabbage looper, imported cabbage worm, diamondback moth, corn earworm, grass clearwing, hornworm, diamondback moth, tobacco hornworm, alfalfa caterpillar, tomato budworm, variegated cutworm, wireworm.	2.5 10 4
NOTE:	-For heavy infestations and mature worms use up to 4 fl. oz. per acre (1 gallon per 20 acres)	

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