

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 15 1996

John C. Diem
Registrations
Southern Agricultural Insecticides Inc
P. O. Box 218
Palmetto FL 34220

Dear Mr. Diem:

Subject: SA-50 Brand Thuricide HPC
EPA Reg. No. 829-202
Your application for label amendment
dated July 30, 1996
Your draft labeling

Your application for a label amendment for the subject product under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is acceptable subject to the changes commented on below. A stamped copy of your draft label on which are shown the changes is enclosed for your records. Please submit five (5) copies of your final printed labelling to the Agency before release of the product for shipment.

Comments on label changes are the following:

1. Change the designation of the active ingredient on your label to *Bacillus thuringiensis kurstaki*. Nomenclature usage with respect to the subspecies of *Bacillus thuringiensis* has changed from *berliner* to *kurstaki*.
2. On the line beneath the word **CAUTION** delete the words "Washusing."
3. Following the words "STORE IN A COOL PLACE" add the words from your proposed STORAGE AND DISPOSAL box "in original container out of the reach of children and pets."
4. Under the line "degrees Fahrenheit, Protect from freezing" add the following: "CONTAINER DISPOSAL: Securely wrap original in several layers of newspaper and discard in trash."
5. Delete remainder of proposed Storage and Disposal box.

For your homeowner product labeling the requirement is limited to a container disposal statement.

SYMBOL						
SURNAME	2501w					
DATE	HUTTON					
	11/15/96					

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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6. Insert the following text, possibly in the space provided by the deletion of the proposed "storage and disposal" box:

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
CAUTION:

Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

7. Beneath the text in item 6 add the following text:

STATEMENT OF PRACTICAL TREATMENT

If on eyes or skin, immediately flush with plenty of water. Get medical attention if irritation persists.

8. In the text on the inside of the label for the crop group "Collards, Kale, Mustard Greens, and Turnip Greens" please change the pest site from "Imported Cabbageworm" to "Cabbage Looper". Opposite the crop "Potatoes" please delete the second "Cabbage-Looper".

Enclosure

Sincerely,

Janet L Andersen, Director
Biopesticides and Pollution
Prevention Division (7501W)

308-8717 / PAPP ST. NCSS / B.K. / PCC6402

CONCURRENCES							
SYMBOL	7501W						
SURNAME	BAL						
DATE	11/16/96						

This package is intended for homeowner use. The active ingredient concentration is the same as Thuricide packaged for use by commercial growers however commercial growers should follow label instructions on packages intended for commercial use.

DIRECTIONS FOR USE

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

GENERAL

Apply at first sign of infestation when worms are small and repeat at weekly intervals as needed to maintain control.

Thuricide must be carried into the insects gut while feeding, to be effective. Thorough coverage of leaf surface is essential for best results. After ingesting Thuricide, worms stop feeding and will die within 2-3 days.

MIXING

SHAKE WELL before using. Pour recommended amount into 3/4 filled spray tank. Agitate and maintain agitation. Do not allow dilute spray to stand in tank more than a few hours. Combinations with most fungicides and stickers are not deleterious if used promptly. A Non-ionic spreader sticker, used sparingly, is recommended when applications must be made when frequent rainfall and heavy dews are anticipated. Do not combine with alkaline materials such as bordeaux mixture or lime sulfur. During hot, sunny or windy weather, late afternoon and early evening applications produce better results. Apply to obtain thorough leaf coverage.

Thuricide HPC, when applied at recommended rates, may be used up to the day of harvest. (Directions for Use continued inside of label.)

LOT NO.

50°
**THURICIDE®
HPC**

**FOR THE CONTROL OF CERTAIN PLANT FEEDING
CATERPILLARS AND WORMS USE
1 to 4 TEASPOONFULS PER GALLON**

Overstake

ACTIVE INGREDIENTS:	
Bacillus thuringiensis Berliner potency of 4,000 International Units per milligram	0.8%
INERT INGREDIENTS	99.2%
TOTAL	100.0%

Equivalent to 4.0 billion International Units per quart.
Thuricide is a registered trademark of Sandoz Corporation.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Do not take internally. Wash thoroughly after using.
STORE IN A COOL PLACE.

Insect activity may be impaired by storage at temperatures above 90 degrees Fahrenheit. Protect from freezing.

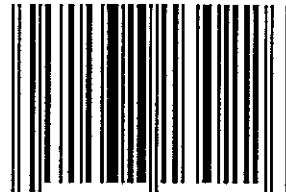
Southern Agricultural Insecticides, Inc.
Palmetto, FL 34220 Hendersonville, NC 28793 Boone, NC 28607
EPA REG. NO 829-202 J2 EPA EST. No. 829-FL-1
Net Contents Liquid: 1 Pint (.474 liters)

STORAGE AND DISPOSAL

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

Storage: Store in original container out of the reach of children and pets. Do not store above 90°F for extended periods of time. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below. Pesticide Disposal: Partially filled bottle may be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash. Container Disposal: Do not reuse empty container. Rinse thoroughly before discarding in trash.

BUYER ASSUMES all risks and liability from use, handling, or storage of this product not in strict accordance with the directions and precautions given herewith.



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**PRECAUTIONARY
STATEMENTS**

HAZARD TO HUMANS

CAUTION:

Avoid breathing mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

*Container disposal:
Securely wrap original container in several layers of newspaper and discard in trash*

ACCEPTED
with COMMENTS
In EPA Letter Dated
NOV 15 1996

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
829-202

BEST AVAILABLE COPY

STATEMENT OF
PRACTICAL TREATMENT

If on eyes or skin, immediately flush with plenty of water. Get medical attention if irritation persists.

REC'D FOR APPROVAL
AUG - 7 1993
EPA

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DIRECTIONS FOR USE (CONTINUED)

RECOMMENDATIONS

THOROUGH COVERAGE IS ESSENTIAL. Apply indicated amount in each gallon of water and spray to obtain thorough coverage of foliage.

ORNAMENTALS

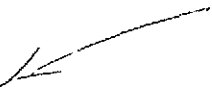
For the control of insects listed in the VEGETABLES section, use 4 teaspoonfuls per gallon.

VEGETABLES

CROP	PEST	Tsp./Gal.
Beans (NC, VA)	Cabbage Looper	2
Broccoli, Cabbage, & Cauliflower,	Cabbage Looper	4
	Imported Cabbageworm	3
Collards, Kale Mustard Greens, and Turnip Greens	Imported Cabbageworm	3
	Cabbage Looper	
Cucumbers (SE only)	Cabbage Looper	2
Lettuce & Spinach (NC, VA)	Cabbage Looper	4
Melons	Cabbage Looper	4
Oranges, Navel Oranges	Fruit Tree Leafroller	4
	Orange Dog	1
Potatoes	Cabbage Looper	4
	Cabbage Looper	4
Tobacco	Cabbage Looper	3
	Tobacco Budworm	3
	Tobacco Hornworm	2
Tomatoes	Cabbage Looper	2
	Tomato Hornworm	2
Watermelons (Fla.)	Rindworm Complex	2

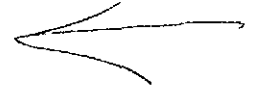
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change "imported Cabbageworm" to "cabbage looper"



8

Delete second "cabbage looper"



BEST AVAILABLE COPY