



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 21 1994

JAMES J. WURZ
BONIDE PRODUCTS INC.
2 WURZ AVENUE
YORKVILLE, N.Y. 13495

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 1/27/94 in Response to PR Notice 93-7
EPA Reg. No. 4-252
BONIDE DIPEL .86% HOME AND GARDEN INSECTICIDE

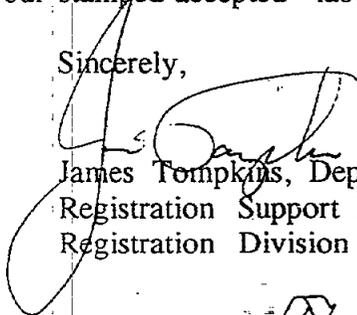
Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

2/4

BONIDE®

FRONT PANEL

DIPEL® .86% W.P.
 (Bacillus thuringiensis)
HOME & GARDEN
INSECTICIDE

**FOR CONTROL OF LEAF-EATING CATERPILLARS
 ON VEGETABLES, SHADE AND ORNAMENTAL
 TREES, AND SOD WEBWORM ON TURF. A MIX
 WITH WATER CONCENTRATE. SEE ADVANTAGES
 ON SIDE PANEL.**

ACCEPTED
 with COMMENTS
 in EPA Letter Dated

APR 21 1994

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.
 4-252

E.P.A. EST. NO. 4-NY-1

E.P.A. Reg. No. 4-252

ACTIVE INGREDIENT:

<u>Bacillus thuringiensis</u> subspecies <u>kurstaki</u> , Potency of 4,320	
International Units per milligram (at least 6.75 billion viable	
spores per gram)* Lepidopteran Active Toxin	0.86%
Inert Ingredients:	99.14%
Total	100.00%

*Equivalent to 1.96 billion International Units of potency per pound of this product.

Potency units should not be used to adjust use rates beyond those specified in the Directions for Use Section.

KEEP OUT OF REACH OF CHILDREN
CAUTION
 See side panel for additional precautionary statements.

CONTENTS 8 OZ. AV. NET

PRECAUTIONARY STATEMENTS—CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS -- Harmful if swallowed or inhaled. Avoid breathing dust. Avoid contact with skin, eyes or clothing. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS -- Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water. ←

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 to 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

RECTIONS FOR USE—GENERAL CLASSIFICATION - It is a violation of federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. **STORAGE** -- Store in original container in a cool, dry place inaccessible to children and pets and away from heat and direct sunlight. Storage at temperatures above 90°F may impair effectiveness.

DISPOSAL -- Do not reuse bag. Securely wrap bag in several layers of newspaper and discard in trash.

→X

ADVANTAGES OF Dipel® 86

- Dipel®, unlike certain chemical insecticides, may be used anytime the specified caterpillars appear. Treated vegetables may be picked and consumed anytime after spraying. Pets and family may return to the treated areas immediately after spray deposits dry.
- The active ingredient, *Bacillus thuringiensis*, has been proven commercially to selectively affect leaf-eating caterpillars.

HOW TO MIX AND APPLY

Dipel® 86 is easy to mix and apply through pressurized or hose-end sprayers. Place one-half the required amount of water in jar or tank. Add recommended amount of Dipel® while shaking or stirring. A spreader-sticker may be added as an aid to obtaining thorough coverage. Do not store diluted spray more than 12 hours.

Caterpillars must eat a small amount of treated leaf to get a lethal dose. Thorough and uniform coverage of both sides of all foliage subject to attack is essential for prompt and complete control. Within a few hours after taking a bite of treated leaf, caterpillar stops feeding. Death follows in a few days.

Apply when caterpillars (or their damage) first appear. Retreatment at 7 to 10 day intervals may be required, especially when egg hatch occurs over an extended period of time. Use of the higher range of recommended rates provides a longer period of control.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

AMOUNT TO APPLY

ORNAMENTALS AND SHADE TREES		(up to 25 Feet Tall) Level Tablespoons Per Gal. of Water	VEGETABLES**	
Pest			Broccoli	Cabbage Looper 2-4
Gypsy Moth Larvae*		2-4	Cabbage	Imported Cabbageworm 1-2
Elm Spanworm		4	Cauliflower	Diamondback Moth 1-2
Spring and Fall Cankerworms (Inchworms)		2	Collards, Kale, Lettuce, Mustard and Turnip Greens, Spinach,	
Bagworm		2-4	Beans	Cabbage Looper 2-4
Red-lumped Caterpillar (California Only)		1-2	Cucumbers, Melons, Potatoes	
Tent Caterpillar		1-2	Celery	Cabbage Looper 2-4
Fall Webworm		2	Grapes	Celery Looper 2-4
*For best control of Gypsy Moth, apply when caterpillars are small (2nd or 3rd instars). Repeat treatment if necessary.			Tomatoes	Grape Leaf Folder 2-4
				Cabbage Looper 2-4
				Tomato Hornworm 1-2
				Tomato Fruitworm*** 4
	Sod Webworm	2-4		
CROP	FLOWERS	AMOUNT	**Dipel* may be applied up to the day of harvest.	
Mums	PESTS		***For best results apply every 5-7 days.	
	Cabbage Looper	2-4		

Buyer's Guarantee Limited Strictly to Label Claims and Refund of Purchase Price

Packed by

BONIDE PRODUCTS, INC. • YORKVILLE, N.Y. 13495



APR 21 1994

JAMES J. WURZ
BONIDE PRODUCTS INC.
2 WURZ AVENUE
YORKVILLE, N.Y. 13495

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 1/27/94 in Response to PR Notice 93-7
EPA Reg. No. 4-252
BONIDE DIPEL .86% HOME AND GARDEN INSECTICIDE

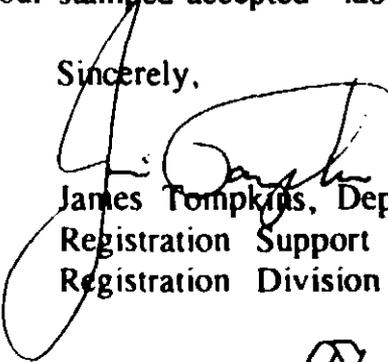
Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

BEST COPY AVAILABLE



Recycled/Recyclable
Printed with Soy/Canola Ink on paper
contains at least 50% recycled fiber

BONIDE®

FRONT PANEL

DIPEL® .86% W.P.
 (Bacillus thuringiensis)
HOME & GARDEN
INSECTICIDE

**FOR CONTROL OF LEAF-EATING CATERpillARS
 ON VEGETABLES, SHADE AND ORNAMENTAL
 TREES, AND SOIL WEBWORM ON TURF. A MIX
 WITH WATER CONCENTRATE. SEE ADVANTAGES
 ON SIDE PANEL.**

ACCEPTED
 with COMMENTS
 in EPA Letter Dated

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.
 4-252

E.P.A. EST. NO. 4-NY-1 E.P.A. Reg. No. 4-252

ACTIVE INGREDIENT:

<u>Bacillus thuringiensis</u> subspecies <u>kurstaki</u> , Potency of 4,320 International Units per milligram (at least 6.75 billion viable spores per gram)*	Lepidopteran Active Toxin	0.86%
Inert Ingredients:		99.14%
Total		100.00%

*Equivalent to 1.96 billion International Units of potency per pound of this product.

Potency units should not be used to adjust use rates beyond those specified in the Directions for Use Section.

KEEP OUT OF REACH OF CHILDREN
CAUTION
 See side panel for additional precautionary statements.

CONTENTS 8 OZ. AV. NET

BEST COPY AVAILABLE