

Anne Montalone
 Registration Specialist
 Bonide Products Inc.
 2 Wurz Avenue
 Yorkville NY 13495

SEP 6 1996

Dear Ms Montalone:

Subject: Bonide Bacillus thuringiensis (Bt)
 EPA Reg. No. 4-226
 Your application for label amendment and letter dated
 October 30, 1991 and pertinent draft labelling
 EPA letter dated April 8, 1993
 Copies of your letter and Confidential Statement of
 Formula dated April 20, 1993
 Notification of compliance with PR notices 93-3 and 93-8
 dated September 10, 1993
 Your letter dated March 27 1996 and application for
 label amendment dated April 18 1996

Your applications for label amendments for the subject product under the Federal Insecticide, Fungicide, and Rodenticide Act as amended are acceptable subject to the three changes commented on below. A stamped copy of the label is enclosed for your records. Please submit five (5) copies of your final printed labelling for each of the sizes (2 oz, 8 oz and 1 pint) to the Agency before release of the product for shipment. The Confidential Statement of Formula is acceptable provided you insert "100%" in the first space of block 13b and insert the phrase in parentheses in the space beneath: "(Bacillus thuringiensis kurstaki-0.8%)".

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. For consistency with your notification dated September 10, 1993 of compliance with PR notices 93-3 and 93-8, delete the words "or wetlands (swamps, bogs, marshes and potholes)." from the second sentence of the Environmental Hazards section. Thus the second sentence of the Environmental Hazards section should read "Do not apply directly to water."

SYMBOL	7501W	CONCURRENCES			
SURNAME	Ball	HUTTOP			
DATE	9/03/96	9/5/96			

2 of 3

3. In accordance with 40 CFR 156.10 (g) (2) the placement of the ingredient statement on the sides or back of the label for reasons of space constraints is acceptable. Thus this modification of the position of the ingredient statement is appropriate for the labels on the 2 oz and 8 oz packages of the subject product.

If you have any questions, please contact Anne Ball, Regulatory Action Leader (RAL) at 703 308 8717.

Enclosure

Sincerely,

Janet L. Andersen

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

ABALL/308-8717/BPPD-CSI/DE-6402(PC)

CONCURRENCES

SYMBOL	<i>7501W</i>						
SURNAME	<i>Ball</i>						
DATE	<i>9/03/96</i>						

3 of 3

Crop	Pest	Amount
ALFALFA	alfalfa caterpillar	1/2 tsp./gal. water (or 1/4 qt. in sufficient water/acre)*
BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COLLARDS, KALE, MUSTARD GREENS, TURNIP GREENS	cabbage looper imported cabbage worm	2-4 tsp./gal. water (or 1-2 qts. in sufficient water/acre)* 1-3 tsp./gal. water (or 1/2-1 1/2 qts. in sufficient water/acre)*
BEANS, CELERY LETTUCE, SPINACH	cabbage looper	2-4 tsp./gal. water (or 1-2 qts. in sufficient water/acre)*
MELONS, POTATOES, CUCUMBERS (Southeast only)	cabbage looper	1-3 tsp./gal. water (or 1/2-1 1/2 qts. in sufficient water/acre)*
COTTON (Arizona, California)	cabbage looper	2-4 tsp./gal. water (or 1-2 qts. in sufficient water/acre)*
TOBACCO	cabbage looper tobacco budworm, tobacco hornworm	2-3 tsp./gal. water (or 1-1 1/2 qts. in sufficient water/acre)* 1-2 tsp./gal. water (or 1/2-1 1/2 qts. in sufficient water/acre)*
TOMATOES	cabbage looper tomato hornworm	1-3 tsp./gal. water (or 1-1 1/2 qts. in sufficient water/acre)* 1-2 tsp./gal. water (or 1/2-1 1/2 qts. in sufficient water/acre)*
WATERMELONS (Florida)	hornworm complex	1-2 tsp./gal. water (or 1/2-1 1/2 qts. in sufficient water/acre)*
GRAPES	grape leaf folder ornithovorous leaf roller (California)	2-4 tsp./gal. water (or 1-2 qts. in sufficient water/acre)* 1-3 tsp./gal. water (or 1/2-1 1/2 qts. in sufficient water/acre)*
ORANGES (GROUND APPLICATION ONLY—ARIZONA AND CALIFORNIA)	fruit tree leafroller orange dog	2-4 tsp./gal. water (or 1-2 qts. in sufficient water/acre)* 1-1 1/2 tsp./gal. water (or 1/2-1 1/2 qts. in sufficient water/acre)*
WALNUTS (GROUND APPLICATION ONLY—CALIFORNIA)	redumped caterpillar	1/2-2 tsp./gal. water (or 1/4-1 qt. in sufficient water/acre)*

ACCEPTED
with COMMENTS
In EPA Letter Dated

SEP 6 1996

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 4-226

*Note: Amount of water used when applying by the acre will vary depending upon equipment used, type of crop and state regulations.
Recommendations for use of this product are based upon tests believed to be reliable. Buyer assumes all risk for use of this product when not used in strict accordance with label directions, or when used under abnormal conditions not reasonably foreseeable to the seller.



Manufactured by
BONIDE PRODUCTS CO., INC. • YORKVILLE, NY 13495

BONIDE

BACILLUS THURINGIENSIS (BT)

MOTH LARVAE (CATERPILLAR) CONTROL

NATURAL-ORGANIC

FOR CONTROL OF CATERPILLAR EATING PESTS ON FRUITS, VEGETABLES, AND GYPSY MOTH LARVAE ON TREES AND ORNAMENTALS. SEE PRECAUTIONARY STATEMENT PANEL.

ACTIVE INGREDIENTS: EPA Est. 4-NY-1

Bacillus thuringiensis Berliner, potency of 4,000 I.U. (at least 6 million viable spores per milligram)..... 0.8%

INERT INGREDIENTS:..... 99.2%

Contains petroleum hydrocarbon solvent
Equivalent to 4.0 billion I.U. per quart THURICIDE®—HPC: Reg. Trade Mark of Sandoz, Inc.

EPA Reg. No. 4-226

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional precautionary statements.

NET CONTENTS 1 PINT (16 FL. OZ.)

PRECAUTIONARY STATEMENTS—CAUTION

ENVIRONMENTAL HAZARDS—Keep out of lakes, streams or ponds. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE—It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Store in a cool, dry place, and in an area inaccessible to children or pets. Securely wrap container in newspaper and place in trash collection.

GENERAL INFORMATION—Bonide Natural-Organic Bacillus Thuringiensis (BT) is a bacterium which is selectively toxic to many moth and butterfly larvae (Caterpillars). The insects stop feeding and die within 2-3 days of ingestion. There is no residue problem, and being exempt from tolerance requirements, this product may be applied at recommended amounts up to the day of harvest.

Apply at first sign of infestation, and repeat at weekly intervals as needed to maintain control. Bonide BT may be applied by hose or pressurized sprayers, mist blowers or by aerial application. Apply thoroughly to upper and lower leaf surfaces, but not to the point of excessive run-off.

Mixing: Shake or stir thoroughly before use. Add recommended amount of product to water in jar or tank while shaking or stirring. A sticker and evaporation retardant (such as molasses) may be added to the spray mix. Do not store diluted spray mix for more than 12 hours.

Gypsy Moth—To use on trees infested with gypsy moth caterpillars, apply when caterpillars are small (2nd or 3rd instars), and repeat treatment in two weeks. Use at the rate of 4 teaspoons/gal. water (or 2 qts. in sufficient water/acre).