

4-226

8/25/2009

1098



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

August 25, 2009

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Nicole Russell
Pesticide Compliance Specialist
Bonide Products, Inc.
6301 Sutliff Road
Oriskany, NY 13424

RE: Product Name: Bonide® Bacillus Thuringiensis (BT)
EPA Reg. No: 4-226
Application for Label Notification Dated June 25, 2009 to update the
optional marketing statement and revise the storage and disposal and
environmental hazards statements

Dear Ms. Russell,

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration (PR) Notice 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PR Notice 98-10 and it has been determined that the action(s) requested falls within the scope of PR Notice 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification, received and reviewed" and will be placed accordingly in our records.

If you have any questions concerning this action, please feel free to contact Ms. Menyon Adams at (703) 347-8496 or email at adams.menyon@epa.gov.

Sincerely,

Sheryl Reilly
Sheryl Reilly, Chief
Microbial Branch
Biopesticides and Pollution Prevention
Division (7511P)

Phone (315) 736-8231
Fax (315) 736-7582

June 25, 2009

FedEx: 8685 1623 2182

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
Room S4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

RE: Bonide® *Bacillus Thuringiensis* (BT)
EPA Reg. No. 4-226
Notification – Added optional marketing statements, revised the Storage & Disposal section per PR Notice 2007-4 and revised the Environmental Hazards section per PR Notice 2008-1.

To Whom It May Concern:

Enclosed, please find a completed form 8570-1, Notification and labeling for the above mentioned registration. Changes are in red and highlighted in yellow. I trust you will find everything in order for approval.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. Bonide Products, Inc. understands that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. Bonide Products, Inc. further understands that if the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and Bonide Products, Inc. May be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

This notification is consistent with the guidance in PR Notice 2008-1 and the requirements of EPA's regulations at 40 CFR 156.10, 40 CFR 156.80 and 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. Bonide Products, Inc. understands that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. Bonide Products, Inc. further understands that if this notification is not consistent with the guidance of PR Notice 2008-1 and the requirements of 40 CFR 156.10, 40 CFR 156.80 and 40 CFR 152.46, this product may be in violation of FIFRA and Bonide Products, Inc. may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

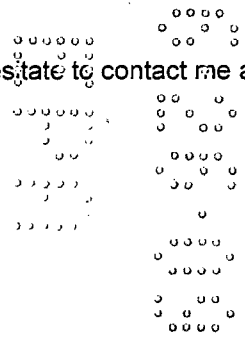
Should you have any questions or require additional information, please do not hesitate to contact me at (315) 736-8231, extension 230 or by e-mail at Nicoler@bonide.com.

Sincerely,



Nicole Russell
Registration Specialist

Enclosure



508



NOTIFICATION

Date Reviewed: 08/25/09
Reviewed By: MKS

BACILLUS THURINGIENSIS (BT)

[Additional Brand Name: Bacillus Thuringiensis (BT) Thuricide®]

Optional Marketing Statements:

Moth Larvae (Caterpillar) Control

For Control of certain leaf eating worms on fruits, nuts, vegetables and gypsy moth on shade trees and ornamentals

Easy to Mix Liquid Concentrate

Controls worms and caterpillars on Fruits, Nuts, Vegetables, Ornamentals and Shade Trees

When used as directed, kills worms and caterpillar stage insects with no harmful effect on birds, earthworms or beneficial insects such as honeybees and lady bugs.

Acceptable for use on edible plants (fruit/vegetable gardens) up to the day of harvest.

Controls redhumped caterpillars, cabbage looper, omnivorous and fruit tree leaf roller...

Use on broccoli, cabbage, mustard greens, melons tomatoes and others as listed...

Mix 1/2 to 4 tsp. per gallon of water. **Mixture ratios vary. Read and use according to label directions.**

Apply using hose-end or pressurized sprayers. Can be applied up to day of harvest.

ACTIVE INGREDIENT:

*Bacillus thuringiensis subspecies *kurstaki* strain SA-12 solids, spores
and Lepidopteran active toxins (At least 6 million viable spores per mg.)* 15.0%

OTHER INGREDIENTS:..... 85.0%

TOTAL..... 100.0%

*The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side/back/other panel(s) for additional Precautionary Statements and First Aid

NET CONTENTS: xx FL OZ (xx ml)

6098

[BACK/SIDE/OTHER PANEL(S)]

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or inhaled. Avoid breathing vapors or spray mist. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash clothing before reuse. Mixers, loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

Environmental Hazards: To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. This product must not be applied within 300 feet of any habitats of endangered or threatened lepidoptera (i.e., moths or butterflies).

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.	
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If Swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.

CONTROLS redhumped caterpillars, cabbage looper, omnivorous and fruit tree leaf roller...
USE on broccoli, cabbage, mustard greens, melons, tomatoes and others as listed... **Mixture ratios vary. Read and use according to label directions.** Can be applied using hose-end or pressurized sprayers. Can be applied up to day of harvest.

Controls moth larvae (caterpillars), certain leaf eating worms, and Gypsy Moths.

7 of 8

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For residential use in vegetable gardens and on fruits, shade trees and ornamentals.

STORAGE AND DISPOSAL

Storage: Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets.

Disposal: *If empty* – Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. *If partly filled* – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

General Information – Bonide® 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. This product may be applied 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-end sprayers, pressurized hand sprayers, or mist blowers. Apply thoroughly to upper and lower leaf surfaces, but not to the point of excessive run-off. Reapply after heavy rains. Agitate regularly while spraying.

Do not apply through any type of irrigation system.

Mixing: Shake or stir thoroughly before use. Following use rates given on this label, add 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.

Shade Trees & Ornamentals:

Use at the rate of 4 teaspoons/gal. of water to control the following leaf-eating worms:

**Bagworm
Gypsy Moth*
Fall Webworm**

**Spring Cankerworm
Tent Caterpillar**

**Fall Cankerworm
Elm Spanworm**

*Gypsy Moth - Apply when caterpillars are small (2nd or 3rd instars), and repeat treatment in two weeks.

Vegetables, Fruits & Nuts:

Crop (Site)	Pest	Rate (tsp. /gal. water)
Almonds	redhumped caterpillar, tent caterpillar	2 - 4
Apples, Pears Apply when eggs or newly hatched larvae first appear.	redbanded leafroller tufted apple budmoth variegated leafroller tent caterpillar fruit tree leafroller gypsy moth	2 - 4
Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kale, Mustard Greens, Turnip Greens	cabbage looper	2 - 4
	imported cabbage worm green cloverworm	1 - 3
	diamondback moth	1 - 2
Beans, Beets, Carrots, Celery, Chard, Chinese Cabbage, Endive, Escarole, Garlic, Kohlrabi, Lentils, Lettuce,	cabbage looper	2 - 4

Onions, Parsley, Radishes, Spinach, Squash		
Cherries	tent caterpillar	2 - 4
Cucumbers, Melons, Potatoes	cabbage looper	2 - 4
Currants, Blueberries, Caneberries, (Blackberries, Dewberries, Raspberries) Begin treatment as soon as possible after hatching and before larvae are protected by leaf folds.	omnivorous leafroller	2 - 4
Eggplant, Peppers, Tomatoes	tomato hornworm	1 - 3
	tomato fruitworm (suppression only)	2 - 4
	cabbage looper	
Filberts	tent caterpillar	2 - 4
	filbert leafroller	
Watermelons (Florida)	rindworm complex	1 - 3
Grapes Begin treatment as soon as possible after hatching and before larvae are protected by leaf folds.	grape leaf folder	2 - 4
	omnivorous leaf roller	1 - 3
Mint	cabbage looper	2 - 4
Strawberries	cabbage looper	2 - 4
	roughskinned cutworm	
Oranges	fruit tree leaf roller	2 - 4
	citrus cutworm	
	orange dog	1 - 2
Peaches, Nectarines	redhumped caterpillar	2 - 4
	tent caterpillar	
	omnivorous leafroller	
Pecans	redhumped caterpillar	2 - 4
	fall webworm	
	tent caterpillar	
Walnuts	redhumped caterpillar	½ - 2
	tent caterpillar	2 - 4
	fall webworm	
	omnivorous leafroller	

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents, call the National Pesticide Information Center at 1-800-858-7378.

NOTE: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability for default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

Bonide Products, Inc.
6301 Sutliff Road
Oriskany, NY 13424

THURICIDE® is a registered trademark of Certis USA.

[Batch Code to be inserted at production]

©Bonide Products, Inc. All Rights Reserved