

4-487

7/8/2011

1 of 5



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:

4-487

Date of Issuance:

JUL 08 2011

Term of Issuance:

Unconditional

Name of Pesticide Product:

BONIDE® Bacillus
Thuringiensis "O"

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If the EPA determines at any time that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA Sec. 3(c)(5) and is subject to the following terms:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 4-487."
3. Submit three (3) copies of the revised final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for instructions on final printed labeling.

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

Signature of Approving Official:

W. Michael McDavit, Associate Director
Biopesticides and Pollution Prevention Division (7511P)

Date:

JUL 08 2011



BACILLUS THURINGIENSIS "O"

Optional Marketing Statement(s)

FOR HOME & GARDENS
BIOLOGICAL INSECTICIDE

Controls worms and caterpillars on Fruits, Vegetables, Ornamentals and Shade Trees
Easy-To-Mix Liquid Concentrate

FOR ORGANIC GARDENING
Moth Larvae (Caterpillar) Control

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

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 cabbage looper, tomato hornworm, fall webworm....

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

Mix 3 to 4 teaspoons 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)* 98.35%

OTHER INGREDIENTS: 1.65%

TOTAL: 100.00%

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

KEEP OUT OF REACH OF CHILDREN CAUTION

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

Net Contents: 4 [8] [16] [32] FL OZ (118.3 [236.6] [473.2] [946.3] ml)

ACCEPTED

July 8, 2011

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 4-487

BONIDE® Bacillus Thuringiensis "O" is an easy to mix liquid concentrate.

- Kills worms and caterpillar stage insects, but has no effect on birds, earthworms, or beneficial insects, such as honeybees and ladybugs, when used as directed.
- Worms and caterpillars eat treated foliage, then immediately stop feeding and damaging plants.
- Acceptable for use on edible plants up to the day of harvest.

DIRECTIONS FOR USE

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

Apply BONIDE® Bacillus Thuringiensis "O" when worms or caterpillars are first noticed, then repeat at five (5) to seven (7) day intervals while they are active. Apply more frequently to control heavy infestations. Apply thoroughly to top and bottom of foliage. Reapply after heavy rains.

BONIDE® Bacillus Thuringiensis "O" must be eaten by worms or caterpillars to be effective. After ingesting the insecticide, they immediately stop feeding, though they may otherwise appear to be unaffected for several days. Best results are obtained by treatments when worms are small; they must be actively feeding on treated, exposed foliage. You may apply BONIDE® Bacillus Thuringiensis "O" up to and on the day of harvest.

How to Apply: Always shake or stir BONIDE® Bacillus Thuringiensis "O" thoroughly before use. Partially fill sprayer with water before adding the application rate amount of product, then mix in product thoroughly and add remaining amount of water.

Spray leaf surfaces thoroughly, top and bottom, for complete control. Agitate regularly while spraying. Use all of spray mixture within 24 hours.

Fruits and Vegetables: Mix 1.5 fl. oz. per 3 gals. water (3 tsp. [1 Tbsp.] per gal.) for a hand sprayer and apply to all plant foliage to cover an area of 1000 square feet. Apply at first sign of infestation and repeat at weekly intervals when needed to maintain control of the following insects:

Cabbage Looper on broccoli, cauliflower, collards, kale, mustard greens, turnip greens, cabbage, celery, lettuce, melons, and tomatoes.

Imported Cabbage Worm on broccoli, cabbage, cauliflower, collards, kale, mustard greens, and turnip greens.

Tomato Hornworm on tomatoes.

ACCEPTED

Shade Trees & Ornamentals: Mix 2 fl. oz. per 3 gals. of water (4 tsp. per gal.) for a hand sprayer or proportional amounts for a hose-end sprayer following manufacturer's directions. Apply at first sign of infestation and repeat at weekly intervals when needed to maintain control. Apply to thoroughly cover all foliage surfaces of shade trees and ornamentals for control of the following leaf-feeding worms:

- | | |
|------------------|-------------------|
| Bagworm | Spring Cankerworm |
| Fall Cankerworm | Gypsy Moth* |
| Tent Caterpillar | Elm Spanworm |
| Fall Webworm | |

* Apply when buds swell, but before leaves are fully open. If eggs hatch over a long period of time or if reinfestation occurs, spray about 14 days after first application.

STORAGE AND DISPOSAL

Pesticide Storage: Store and transport in an upright position. Store in a cool, dry area inaccessible to children and pets. Activity may be impaired by storage at temperatures above 90°F.

Pesticide Disposal and Container Handling: Nonrefillable container. Do not reuse or refill this container. *If empty:* 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.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after handling.

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.

FIRST AID

If in eyes:	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.
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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 800-858-7378 for emergency medical treatment information.

Disclaimer: To the extent consistent with applicable law, buyer assumes all risks of use, storage, or handling of this material not in strict accordance with directions given herewith.

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

Bonide Products, Inc.

6301 Sutliff Road
Oriskany, NY 13424

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[Lot No. added at production]