

4-405

01/12/2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7611C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:

4-405

Date of Issuance:

1/12/07

Term of Issuance:

Unconditional

Name of Pesticide Product:

Dipel Bio Garden Spray

NOTICE OF PESTICIDE:

Registration
[X] 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, including... must be submitted to and accepted by the Biopesticides and Pollution Prevention Division...

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

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 his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above, subject to the terms listed below. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.

A copy of the approved label for the product is enclosed for your records.

Signature of Approving Official:

Handwritten signature of Janet L. Andersen

Janet L. Andersen, Ph.D., Director, Biopesticides and Pollution Prevention Division (7511C)

Date:

1/12/07

EPA Form 8570-6

CONCURRENCES

Table with columns for SYMBOL, SURNAME, and DATE. Contains handwritten entries for 7511P, Reynolds, and 1/8/07.

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DIPEL BIO GARDEN SPRAY

[Additional Brand Name: Bonide Dipel Biological Insecticide Spray]

Optional Marketing Statements:

Kills Caterpillars and Vegetable Worms
For Gypsy Moth, Tomato Hornworm, Inchworm, Webworm, Cabbageworm, Looper, and Other Specified Caterpillars



ACTIVE INGREDIENT:

Bacillus thuringiensis, subsp. *kurstaki*, strain ABTS-351
solids, spores and insecticidal toxins 6.4%

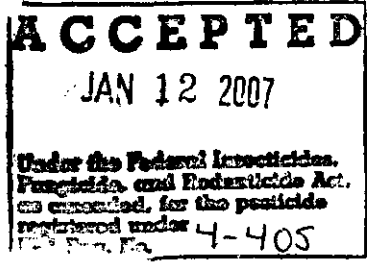
OTHER INGREDIENTS: 93.6%

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 WEIGHT: _____

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate. This product must not be applied aerially with ¼ mile of any habitats of endangered species or threatened lepidoptera (i.e., moths or butterflies). No manual application can be made within 300 feet of any threatened or endangered lepidoptera.

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 on Skin:	<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 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.

DIRECTIONS FOR USE

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

Do not apply this product in such a manner as to directly or through drift, expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

STORAGE AND DISPOSAL
<p>Storage: Store and transport in an upright position. Store in original container, in a cool, dry area away from fertilizer, food or feed. Keep container closed.</p> <p>Disposal: <i>If empty</i> – Do not reuse this container. Place in trash or offer for recycling if available. <i>If partly filled</i> – Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.</p>

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.

This product, unlike certain chemical insecticides, may be used anytime the specified caterpillars appear. Pets and family may return to the treated areas immediately after spray deposits dry. Treated vegetables and fruit may be picked and consumed anytime after sprays dry. The active ingredient *Bacillus thuringiensis*, has been proven commercially to selectively affect leaf-eating caterpillars. Honey bees, foraging treated areas, are not harmed when this product is used according to label directions.

This product is easy to mix and apply with regular sprayers. Place half the required amount of water in tank or jar, add recommended amount of this product, shake or stir, add balance of water and mix. Do not store diluted spray more than 12 hours.

Since this product works only in a caterpillar's stomach, a small amount of treated leaf must be eaten to provide a lethal dose. Complete spray coverage of both sides of foliage is necessary. After biting treated portion of leaf caterpillars stop feeding within a few hours. Death follows in a few days.

RECOMMENDED APPLICATION RATES

	Tbsps. per Gal. of Spray
Vegetables	
Lettuce, Broccoli, Cabbage, Cauliflower, Collards, Kale, Spinach, Mustards & Turnip Greens	
Cabbage Looper (Green Worms)	2 - 4
Imported Cabbageworm	1 - 2
Diamondback Moth	1 - 2
Beans, Cucumbers, Melons, Potatoes	
Cabbage Looper	2 - 4
Tomatoes	
Tomato Hornworm	1 - 2
Tomato Fruitworm (Corn Earworm)	4
Cabbage Looper	2 - 4
Celery	
Cabbage Looper, Celery Looper	2 - 4
Grapes	
Grape Leaf Folder	2 - 4
Ornamental & Shade Trees (to 25 feet)	
Gypsy Moth Larvae, Bagworm	2 - 4
Spring and Fall Cankerworms (Inchworms), Fall Webworm	2
Tent Caterpillar, Red-humped Caterpillar (California Only)	1 - 2
Elm Spanworm	4

*For best control of Gypsy Moth, apply when caterpillars are small. Repeat treatment if necessary.

**This product may be applied up to day of harvest.

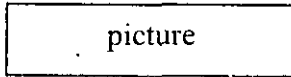
***For the best results apply every 5 - 7 days.

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.
Oriskany, NY 13424

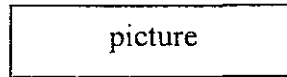
CABBAGE WORM

Green, likes leafy vegetables



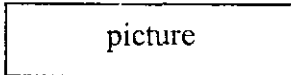
GYPSY MOTH

Hairy, severe tree defoliator



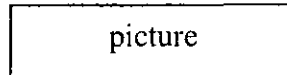
TENT CATERPILLAR

Most form a webbed "Tent" in trees



BAG WORM

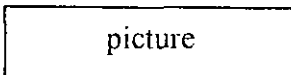
Carries its bag; evergreens and trees



LOOPER

(Green Worm)

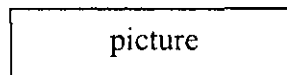
Feeds on cabbage, lettuce, and flowers



INCHWORM

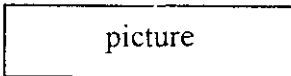
(Cankerworm or Measuring Worm)

Common on trees, shrubs, and vegetables.



TOMATO HORNWORM

Large, green, eats peppers too



GRAPE LEAF FOLDER

Folds leaves with fine threads and
hides inside.

