



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 4-142	2. EPA Product Manager Geraldine R. McCann	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Bonide Grubtox Lawn and Grub Insect Control	PM# Control	
5. Name and Address of Applicant (Include ZIP Code) Bonide Products, Inc. 6301 Sutliff Rd. Oriskany, NY 13424  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(ii), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated 12/27/01
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**NOTIFICATION**  
FEB 12 2002

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.) Notification of: Alternate Brand Name: Eight Insect Control Yard & Garden Granules  
Optional Marketing Statements: 1) Use in and around flower beds, vegetables gardens or Ornamental plantings. 2) Use as a perimeter treatment around building  
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 CSF 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 and further understands 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 Bonide Products, Inc. may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Cheryl L. Schultz	Title Registration Manager	Telephone No. (Include Area Code) (315) 736-8231
2. Signature 		3. Title Registration Manager
4. Typed Name Cheryl L. Schultz		5. Date 1/21/02
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

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OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

December 27, 2001

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

**NOTIFICATION**

Attention: Ms. Rebecca M. Horton

FEB 12 2002

**Subject** Grubtox Lawn and Grub Insect Control  
EPA Reg. No. 4-142  
Label Amendments dated June 1<sup>st</sup>, 2001 and the resubmission dated November 29<sup>th</sup>, 2001.

**Label Approval** The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable.

Submit one (1) copy of the revised final printed label for the record before you release the product for shipment.

A stamped copy of the label for Grubtox Lawn and Grub Insect Control (EPA Reg. No. 4-142) is enclosed for your record.

**Existing Stocks** Existing Stocks of previously approved labels may be used for 18 months.

**EPA Contact** If you have questions about this letter, please contact me at 703-605-0716 (by phone), 703-305-6596 (by fax), or [mccann.geri@epa.gov](mailto:mccann.geri@epa.gov) (by E-Mail).

Sincerely yours,

Geraldine R. McCann  
Insecticide/Rodenticide Branch  
Registration Division  
Mail Stop 7505C

Enclosure: Stamped Label

Alternate Brand Name  
Eight Insect Control Yard & Garden Granules

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Optional Marketing Statement  
\*Use in and around flower beds, Vegetables gardens or Ornamental plantings.  
\*Use as a perimeter treatment around buildings



NOTIFICATION  
FEB 12 2002

**GRUBTOX**  
**Lawn Grub and Insect Control**

[Alternate Brand Name(s): Grub & Bug Killer Garden Granules]

2.75 LBS. TREATS 1,000 SQ.FT.  
FOR SURFACE INSECTS.

3.5 LBS. TREATS 1,000 SQ.FT.  
FOR GRUBS.

FOR USE ON LAWNS AND RECREATIONAL AREAS AND AS  
PEST CONTROL AROUND BUILDINGS.  
CONTROLS WHITE GRUBS, ANTS, FLEAS, TICKS, EARWIGS, CRICKETS,  
CHINCH BUGS, MOSQUITOES, GRASSHOPPERS, JUNE BEETLES, CUTWORMS,  
SOW BUGS AND OTHERS LISTED ON BACK PANEL.

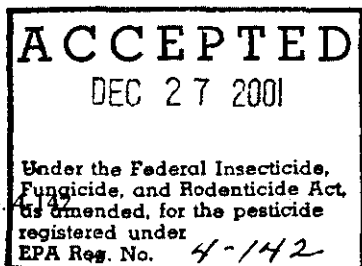
ACTIVE INGREDIENT:  
Carbaryl (CAS No. 63-25-2).....4.6%  
OTHER INGREDIENTS:.....95.4%

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

See back of bag for additional precautionary statements.

NET WEIGHT:



EPA Reg. No. 4-142  
Dec. 27, 2001

EPA Est. No. 4-NY-1  
Page 1 of 8 Pages

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### PRECAUTIONARY STATEMENTS

**HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS—CAUTION**  
MAY BE HARMFUL IF SWALLOWED. Avoid breathing dust. Do not take internally. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling this product. Do not eat, drink or use tobacco while working with this product. Wash hands and face before eating, drinking or using tobacco. Keep out of reach of children and domestic animals.

#### USER SAFETY REQUIREMENTS

- ▶ Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when applying this product.
- ▶ Change clothing as soon as possible after use.
- ▶ Wash the outside of gloves before removing. As with any pesticide product, wash hands thoroughly immediately after handling and before eating, smoking or using the toilet.
- ▶ Do not allow children or pets to contact treated area until dust has settled.

#### ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water. Do not contaminate water by cleaning equipment or disposal of wastes.

#### FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If swallowed	Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
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.
If on skin or clothing	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.

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If inhaled	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.
NOTE TO PHYSICIAN: Carbaryl is a carbamate insecticide, which is a cholinesterase inhibitor. Atropine is antidotal. Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended. In case of emergency call 1-800-UCC-HELP.	

### DIRECTIONS FOR USE

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

Apply when air is calm to avoid drift and contact with eyes and skin. Start applying at the farthest corner of the treatment area and work backward to avoid contact with treated surfaces. Allow dust to settle in treated areas before reentering. Do not repeat application more than once a week.

Not for use on plants grown for sale or other commercial use, or for other commercial use or for research purposes.

### LAWNS, RECREATIONAL AND ORNAMENTAL TURF AREAS

For control of turfgrass pests, apply granules uniformly to the turf grass. For optimum control, follow specific directions for proper watering or irrigation after application. Do not allow public use of treated area during application. Before each application mow lawn, remove clipping and water thoroughly.

INSECTS	POUNDS PER 1000 SQ. FT.	SPECIFIC DIRECTIONS
Ants, Armyworm, Centipedes, Chiggers, Chinch bugs, Cutworms, Earwigs, Essex skipper, European chafer, Fall armyworm, Fiery skipper, Grasshoppers, June beetles, Leafhoppers, Lucerne moth, Millipedes, Adult mosquitoes, Sowbugs, Spittlebugs, Springtails, Ticks, Yellowstriped armyworm, Lawn Moth (Sod webworm)	2.75 to 3.50 (20 lbs./5715 to 7270 sq. ft.)	For general insect control, apply granules uniformly when grass is dry. Water lawn lightly after application. Repeat as necessary to control new infestations.
<i>White grubs</i> (such as Japanese Beetle, Chafer Beetle, <i>Phyllogphaga</i> spp., and Green June beetle grubs) Bluegrass Billbug, European Crane fly, Fleas	3.5 (20 lbs./5715 sq. ft.)	For white grub control, applications should be made when grubs are feeding near the soil

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	<p>surface, usually during late March through May or July to early September, or as recommended by local agricultural extension agents. Water or irrigate turf thoroughly soon after treatments.</p>
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**IMPORTED FIRE ANT CONTROL** – For use as a mound treatment to control imported fire ants, apply 1.5 to 3.0 oz. by weight over and around each fire ant mound. Irrigate mound thoroughly immediately after treatment to remove the chemical from the granules and flush it down into the mound. A minimum of 1 gallon of water should be applied to each mound, but do not use more than 2 gallons of water as flooding of the mound may result. Apply water gently to avoid disturbing ants and causing migration before chemical can be effective. For best results, apply in the early morning or late evening hours when ants are least active. Treat new mounds as they appear.

**CONTROL OF TICKS WHICH TRANSMIT LYME DISEASE** – For control of juvenile and adult *Ixodes spp.* ticks (Deer tick, Bear tick, and Black legged tick) and *Amblyomma spp.* ticks (Lone star tick). Apply granules at the rate of 2.75 to 3.50 pounds of formulated product per 1000 square feet.

Begin applications in late spring or early summer (May/June). Uniformly apply granules to entire lawn, perimeter wooded areas, and property boundaries including shrub beds, ornamental plantings, and wooded areas where exposure to ticks may occur. For optimum results, irrigate treated areas after application to remove chemical from granules.

**BARRIER PEST CONTROL AROUND BUILDINGS, IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS.**

**PERIMETER TREATMENT:** For control of ants, ticks, carpenter ants, centipedes, crickets, earwigs, firebrats and silverfish, fleas, millipedes, scorpions and spiders; apply granules uniformly in a 6 foot band around the building. Apply granules at the rate of 6.6 ounces per 120 square feet (6 x 20 foot band). Restrict applications to shrub beds, foundation plantings, and lawn or soil areas immediately adjacent to the building. Lightly water treated area soon after application.

Ants: Spot treatment – apply 1 tablespoon of granules in and on each ant hill or nest.

Digger Wasps: Same as for ants except apply at dusk when insects are less active. Dust in the evening when the insect is in its burrow and cover with a mound of earth.

**Suggested Lawn Spreader Settings:** The following suggested settings are approximate. Adjustments must be made for conditions of the spreader, rate of walk and humidity/moisture conditions. Since most machine manufacturers use only whole numbers, fractions will have to be estimated between whole numbers. Increasing numbers usually equals faster rate of application. Close shut off on turns, push shut off open when starting. Keep machine handle low or container of machine vertical to ground level. Adjustments will seldom exceed 1/2 number.

<b>SPREADER</b>	<b>MODEL</b>	<b>SETTING</b>	<b>1/2 RATE</b>
Patco	P220 thru P524	7 1/4	6
Lawn Beauty	18 and 24	7 1/2	6 1/4
Scotts	35-8	7 3/4	6 1/2
Jackson	20 and 26	7 1/4	6
Modern	360G-1	7 3/4	6 1/2
Patco-Rotocast*	"C"	5	4 1/4
Cyclone-Broadcast*	"B"	5	4 1/4

Brisk Walking\*

**USE IN VEGETABLE GARDENS AND STRAWBERRIES.**

To control ants, centipedes, crickets, cutworms, earwigs, grasshoppers, millipedes, sowbugs (pillbugs), springtails and ticks. Apply as directed in the following use rate table. Water lightly after application to release the chemical from the granules. Apply anytime before, during or after the growing season except as directed otherwise in the Use Rate Table for the listed crops. Do not use on crops other than those listed.

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### Use Rate Table

Crop	Use Rate
Asparagus	<p>Application to spears:            Maximum single rate application rate of 1 lb. per 1000 square foot application with a maximum seasonal application rate of 3 lb. per 1000 square feet. Application to Ferns: (after harvest of spears): maximum single application rate of 1 lb. per 1000 square feet with a maximum seasonal application rate of 2 lb. per 1000 square feet. Retreatment interval 7 days when applied to ferns after harvest            Retreatment interval 3 days when applications are to spears            PHI= 1 day            The total maximum seasonal application rate for spears and ferns is 4.6 lb. per 1000 square feet.            The total number of applications is 3 prior to harvest with 2 additional applications to ferns only</p>
Beans, fresh and dried (snap, navy and kidney);pea, fresh and dried; cowpea, lentil	<p>Maximum single application rate of .75 lb. per 1000 square feet application with a maximum seasonal application rate of 3 lb. per 1000 square feet.            Retreatment interval=7 days            PHI=3 days (succulents)            PHI=21 days (dried)            PHI=14 days (forage)            PHI=21 days (hay)</p>
Carrots, garden beets (roots), parsnip, rutabaga, radish, horseradish, salsify	<p>Maximum single application rate of 1 lb. per 1000 square feet application with a maximum seasonal application rate of 3 lb. per 1000 square feet.            Retreatment interval = 7 days            PHI=7 days            Total number of applications/crop can be 6 (some of which must be at lower than maximum single application rate)</p>
Sugar beets	<p>Maximum single application rate of .75 lb. per 1000 square feet application with a maximum seasonal application rate of 1.5 lb. per 1000 square feet            Retreatment interval = 14 days            PHI= 28 days (roots, forage)</p>
Mustard greens	<p>Maximum single application rate of 1 lb. per 1000 square feet application with a maximum seasonal application rate of 3 lb. per 1000 square feet            Retreatment interval = 7 days            PHI= 13 to 14 days            Total number of applications/crop can be 4 (some of which must be at lower than maximum single application rate.</p>
Brussel sprouts, broccoli, cabbage, cauliflower, Chinese cabbage, collards, kale, kohlrabi	<p>Maximum single application rate of 1 lb. per 1000 square feet application with a maximum seasonal application rate of 3 lb. per 1000 square feet            Retreatment interval = 7 days            PHI= 3 days (Brussel sprouts, broccoli, cabbage, kohlrabi, cauliflower)            PHI=14 days (Chinese cabbage, kale, collards)            Total number of applications/crop can be 4 (some of which must be at lower than maximum single application rate.</p>



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Corn (sweet)	Maximum single application rate of 1 lb. per 1000 square feet application with a maximum seasonal application rate of 8 lb. per 1000 square feet Retreatment = 3 days PHI=2 days (ears) PHI=14 days (forage) PHI=48 days (fodder)
Cucumber, melon, squash	Maximum single application rate of .5 lb. per 1000 square feet application with a maximum seasonal application rate of 3 lb. per 1000 square feet Retreatment = 7 days PHI=3 days
Lettuce, head and leaf, endive, celery, dandelion, Parsley, spinach, Swiss chard, garden beets (tops)	Maximum single application rate of 1 lb. per 1000 square feet application with a maximum seasonal application rate of 3 lb. per 1000 square feet Retreatment = 7 days PHI=14 to 15 days Total number of applications/crop can be 5 (some of which must be at a lower than maximum single application rate)
Potato	Maximum single application rate of 1 lb. per 1000 square feet application with a maximum seasonal application rate of 3 lb. per 1000 square feet Retreatment = 7 days PHI=7 days Total number of applications/crop can be 6 (some of which must be at a lower than maximum single application rate)
Strawberry	Maximum single application rate of 1 lb. per 1000 square feet application with a maximum seasonal application rate of 5 lb. per 1000 square feet Retreatment = 7 days PHI=7 days
Tomato, pepper, eggplant	Maximum single application rate of 1 lb. per 1000 square feet application with a maximum seasonal application rate of 4 lb. per 1000 square feet Retreatment = 7 days PHI=3 days Total number of applications/crop can be 7 (some of which must be At lower than maximum single application rate)

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### STORAGE AND DISPOSAL

**STORAGE** – Store unused product in original container only in cool, dry area out of reach of children and animals. Do not store in areas where temperatures frequently exceed 100°F. – **PESTICIDE DISPOSAL** – Securely wrap original container in several layers of newspaper and discard in trash. – **CONTAINER DISPOSAL** – Do not reuse bag. Discard bag in trash.

**NOTICE OF DISCLAIMER: BUYER SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL INJURY, LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS, OR CAUTIONS.**

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

**Manufactured by**

**BONIDE PRODUCTS, INC.  
Oriskany, NY 13424**