

72155-83

1/25/2012

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

JAN 25 2012

S9103R7  
300/1155

Ms. Karen Shearer, Director  
Regulatory Affairs  
Bayer Advanced  
P.O. Box 12014  
2 T.W. Alexander Drive  
Research Triangle Park, NC 27709

Dear Ms. Shearer:

Subject: Dylox® 9.3% Insect Granules  
EPA Registration Number 72155-83  
Submission dated January 16, 2012

The proposed amended label submitted on January 16, 2012, is accepted under the provisions of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended.

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

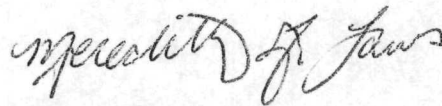
Submit two copies of final printed labeling before releasing this product for shipment under the labeling accepted via this letter.

As we have discussed, you may use the label that was current for this product prior to November 17, 2011, for the current production batch of this product. The label accepted via this letter must be used at the next printing of the label and all subsequent printings until a newer revised label is accepted by the Agency.

If these conditions are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6(e).

If you have any questions regarding this letter, contact Dr. William W. Jacobs by phone at 703-305-6406, by FAX at 703-308-0029, or via e-mail at [jacobs.bill@epa.gov](mailto:jacobs.bill@epa.gov).

Sincerely yours,



Meredith F. Laws  
Chief  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

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[FRONT PANEL]

# Dylox<sup>®</sup> 9.3% Insect Granules

ABN (Bayer Advanced 24-Hour Grub Killer Plus<sup>1</sup> Ready-To-Spread Granules)

READY-TO-USE

## FOR OUTDOOR RESIDENTIAL USE ONLY

### Dylox Kills

- white grubs,
- mole crickets,
- Other listed Lawn Pests including Ants<sup>†</sup>, Armyworms, Billbugs, Chinch Bugs, Crickets, Cutworms, Earwigs, European Crane Flies, Grasshoppers, Leafhoppers, Millipedes, Pillbugs, Scorpions, Sowbugs, sod webworms and Ticks.

### For Use On: Lawns

- Kills Grubs within 24 hours
- Delivers Overnight Results
- Stops Grubs From Further Damaging Lawn
- For Use After First Signs of Grubs
- Also Controls Ants<sup>†</sup>, Armyworms, Billbugs, Chinch Bugs, Crickets, Cutworms, Earwigs, European Crane Flies, Grasshoppers, Leafhoppers, Millipedes, Pillbugs, Scorpions, Sowbugs, sod webworms and Ticks
- Contains Dylox
- Also kills Ants<sup>†</sup>, Armyworms, Billbugs, Chinch Bugs, Crickets, Cutworms, Earwigs, European Crane Flies, Grasshoppers, Leafhoppers, Millipedes, Pillbugs, Scorpions, Sowbugs, sod webworms and Ticks
- Kills by (through) contact
- Kills Billbugs, Ticks (& Scorpions)
- Treats (covers) 5,000 sq. ft. (10 lb. size; white grubs, billbugs, mole crickets)
- Treats (covers) 7,500 sq. ft. (10 lb. size; other lawn pests)
- Treats (covers) 10,000 sq. ft. (20 lb. size; white grubs, billbugs, mole crickets)
- Treats (covers) 15,000 sq. ft. (20 lb. size; other lawn pests)
- 100% Satisfaction Guaranteed (or your money back)

### ACTIVE INGREDIENT:

Trichlorfon ..... 9.3%

OTHER INGREDIENTS: ..... 90.7%

<sup>†</sup> Ants except Carpenter Ants, Fire Ants, Harvester Ants, and Pharoah Ants.

Net Weight: \_\_\_ Pounds

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

See back panel for precautionary statements

ACCEPTED  
 JAN 25 2012  
 Under the Federal Insecticide, Fungicide,  
 and Rodenticide Act, as amended, for the  
 pesticide registered under:  
 EPA. Reg. No: 72155-83

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[BACK PANEL]

This product stops grubs and other listed pests from further damaging your lawn. Works through contact, delivering overnight results.



**READ THE LABEL FIRST!**

<b>Quick Facts</b>	
<ul style="list-style-type: none"> <li>• Easy-To-Use Granules</li> <li>• Kills Grubs within 24 hours</li> <li>• Stops Grubs From Further Damaging Lawn</li> <li>• For Use After First Signs of Grubs</li> </ul>	
<b>KILLS</b>	White Grubs (larvae of chafers and Japanese beetles) Mole Crickets Ants [except Carpenter Ants, Fire Ants, Harvester Ants, and Pharoah Ants], Armyworms, Billbugs, Chinch Bugs, Crickets, Cutworms, Earwigs, European Crane Flies, Grasshoppers, Leafhoppers, Millipedes, Pillbugs, Scorpions, Sowbugs, Sod Webworms and Ticks
<b>COVERAGE</b>	This bag covers 5,000 sq ft (10 lb bag) (white grubs, Billbugs, mole crickets) 7500 sq ft (Other Lawn Pests) [10lb bag] This bag covers 10,000 sq ft (20 lb bag) (white grubs, Billbugs, mole crickets) 15,000 sq ft (Other Lawn Pests) [20 lb bag]
<b>WHERE TO USE</b>	Lawns
<b>WHEN TO USE</b>	When Grubs, insects or damage first appear.
<b>HOW MUCH TO USE</b>	See spreader settings
	Questions or comments? Call toll-free <b>1-877-BayerAG</b> (1-877-229-3724) or visit us on-line at <a href="http://www.BayerAdvanced.com">www.BayerAdvanced.com</a>

**ACTIVE INGREDIENT:**

Trichlorfon ..... 9.3%

**OTHER INGREDIENTS:** ..... 90.7%

100%

Trichlorfon is the chemical name for Dylox®

EPA Reg. No. 72155-83

EPA Est. No. XXXX-AA-XX

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**

**CAUTION**

- Harmful if swallowed
- Do not breathe dust
- Avoid contact with eyes, skin or clothing
- Do not apply with hand-held or chest-mounted spreader
- Prolonged or frequently repeated skin contact may cause allergic skin reactions in some people
- Wash thoroughly with soap and water after handling and before eating or smoking



## First Aid +

### Organophosphate Insecticide

<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration preferably mouth to mouth, if possible.</li> <li>• Contact poison control center or doctor for further treatment advice.</li> </ul>

**NOTE:** When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may call (877) 229-3763 for medical emergency information. Active Ingredient: Trichlorfon [CAS # 52-68-6]

**Note to Physician:** Trichlorfon is an organophosphate. Prolonged exposure will cause cholinesterase depression. Atropine Sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

### Environmental Hazards

- This pesticide is toxic to fish, bird and wildlife.
- 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. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.
- Apply this product only as specified on this label.

## DIRECTIONS FOR USE

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

Read and follow all label directions.

### BEFORE YOU USE

Read and follow these directions when using:


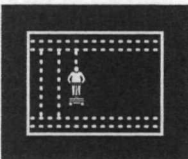
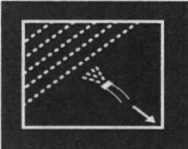
### USE RESTRICTIONS

- Do not apply near fish pools, ponds, streams or lakes.
- Do not apply to waterlogged soil.
- Do not apply with hand-held or chest mounted spreader.
- Water grass as soon as possible after application to move product to root zone where insects feed.
- Do not allow children or pets on treated lawn until grass has been watered and allowed to dry.
- Water thoroughly within 24 hours after applying.
- Do not mow until the granules are watered in and the grass has dried.
- Do not apply this product to waterlogged areas, as this may decrease the product's effectiveness.
- Do not make more than 3 applications per calendar year.
- Do not make more than 1 application in any 7-day period.



Children and pets may re-enter only after the treated area has been watered and allowed to dry.

Continued on next page

DIRECTIONS FOR USE (continued)	
HOW TO USE	
TO CONTROL	WHEN TO APPLY
Grubs, Mole Crickets Or Other Lawn Pests (except billbugs) claimed on this label	Apply when Grubs, insects or damage first appear. The best time to kill grubs is July through September, when they are young and actively feeding near the soil surface.
Billbugs	Apply when you see first signs of damage, usually 6 weeks after adults first appear. A second application may be necessary for species that have multiple generations.
<b>APPLICATION DIRECTIONS FOR LAWNS</b>	<p><b>How Much:</b> See Spreader Settings</p> <p>Adjust spreader to the proper setting (see Spreader Settings).</p> 
	<p>To be sure you cover the entire area uniformly, first treat the border of the lawn then fill in the center. Make parallel passes, walking at a steady pace to ensure even distribution of the granules.</p> 
	<p>Water thoroughly after applying.</p> <p>You may spread this product over soil or mulch. If present, remove weed barrier before applying.</p> 
SIGNS OF DAMAGE TO LAWNS	
<b>GRUBS</b>	White Grubs cause extensive damage to lawns by feeding on grass roots. Grass turns yellow, then brown and dies. Grubs chew off roots so that the grass is easily pulled up in pieces with your hands. You can roll it back like a carpet to reveal the grubs. If patches of dead grass appeared in your lawn late last summer, check for Grubs.
<b>BILLBUGS</b>	Billbug damage to lawns becomes apparent in late June through August. A heavy infestation can completely destroy a lawn. To confirm you have a Billbug problem, grab the grass and pull up. If the stalks break easily at ground level, and the stems are hollowed out or packed full of a sawdust-like material, Billbugs are present.
<b>MOLE CRICKETS</b>	Mole Crickets often cause extensive damage by tunneling through lawns. Some species also feed on roots. Tunneling uproots the grass so it easily dries out. Lawns turn yellow, become thin, weedy and can eventually die.
<b>OTHER LAWN PESTS</b>	Armyworms, Sod Webworms and Cutworms damage lawns by cutting blades of grass near the ground. Small brown patches will appear. Other lawn pests chew or suck on grass, which may cause grass to be weakened and look poor. Other lawn pests can be a nuisance outdoors.
<b>HOW IT WORKS</b>	Use this product only when grubs or other listed pests are present. After granules are watered in, grubs and other listed insects are killed when they come in contact with this product.

**DIRECTIONS FOR USE (continued)**

**Spreader Settings**

If your spreader is not listed, please call our Consumer Service Hotline toll-free (877) 229-3724 for help.  
 Rate for Grubs, Billbugs, and Mole Crickets: 2 lbs per 1,000 sq ft  
 Rate for Ants [except Carpenter Ants, Fire Ants, Harvester Ants, and Pharoah Ants], Armyworms, Chinch Bugs, Crickets, Cutworms, Earwigs, European Crane Flies, Grasshoppers, Leafhoppers, Millipedes, Pillbugs, Scorpions, Sowbugs, Sod Webworms and Ticks: 1.33 lbs per 1,000 sq ft

BROADCAST SPREADER MODEL	APPLICATION WIDTH & SPREADER SETTINGS*		
	1.33 lbs per 1,000 sq ft	2 lbs per 1,000 sq ft	Distance Between Passes (ft)
Scotts Basic	3.75	4.5	6
Scotts Standard	3.25	3.75	6
Scotts Deluxe Edgeguard	4	4.5	6
Vigoro 10,000	5.5	6	8
Vigoro 15,000	3.5	4.5	8
DROP SPREADER MODEL	1.33 lbs per 1,000 sq ft	2 lbs per 1,000 sq ft	Distance Between Passes (ft)
Scotts Accugreen 2,000	6	7	N/A
Scotts Accugreen 3,000	4	5.25	N/A

\* Settings are approximate. The condition of your spreader, the speed at which you walk and uneven terrain may affect the rate of application. Calibrate your spreader according to manufacturer's directions.

Tip: 1000 sq ft = 20 ft x 50 ft  
 Do not use a spreader that applies granules in narrow, concentrated, or uneven bands. Be sure the spreader works properly and spreads granules evenly.

**Storage and Disposal**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE CONDITIONS:** Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet.

**PESTICIDE DISPOSAL**

- **If Empty:** Non-refillable container. Do not refill or reuse 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.



**Important:** Empty the container through use of this product in accordance with label directions, if possible. If it is necessary to dispose of unused product, please follow all applicable State or local guidelines and requirements.

**NOTICE**

Research and testing has determined that the "Directions for Use" are appropriate for the proper use of this product under expected conditions. To the extent consistent with applicable law, the Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

\* Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.



A Business Unit of Bayer CropScience LP  
 P.O. Box 12014, 2 T.W. Alexander Drive  
 Research Triangle Park, North Carolina 27709

Dylox 9.3% Insect Granules (Pending) 01/13/2012V1