



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

OCT 29 1999

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

John Thornton  
Bayer Corporation, Agriculture Division  
8400 Hawthorne Road  
P.O. Box 4913  
Kansas City, MO 64120-0013

Subject: Dylox Grub Control  
EPA Reg. No. 3125-507  
Application for amended registration, dated October 22, 1999 - Label revision  
and alternate brand name.

Dear Mr. Thornton,

Your proposed revised label for EPA Reg. No. 3125-507, which was submitted in finished format on October 22, 1999, has been reviewed. The label is acceptable at this time provided you make the changes indicated below at the next printing of your label.

1. The alternate brand name, Bayer ADVANCED LAWN 24 Hour Grub Killer Ready-To-Spread Granules, must be modified by deleting the phrase "ADVANCED LAWN" from the product name. Since there has been no change in the product formulation since the initial registration the phrase "ADVANCED LAWN" is considered false and misleading and, as such is not considered acceptable either as part of the product name or as a separate marketing claim. We note that our May 26, 1999 letter regarding revised CLI (Consumer Labeling Initiative) labeling for this product required that the phrase "ADVANCED PROTECTION FORMULA" be deleted from the front panel of the proposed label. This statement is a comparative advertising claim relative to effectiveness and may be false or misleading in comparison with other products that don't include such a statement on their labels. According to 40 CFR 156.10(a)(5), no advertising claims may be false or misleading in any way. In addition, claims that are exaggerated or unsubstantiated can not be made on the label.
2. The statement "FOR OUTDOOR RESIDENTIAL USE" was included on the front panel of the last stamped accepted label (May 26, 1999) and must be added to the front panel of the revised label.

3. The following statement was included on the front panel of the last stamped accepted label (May 26, 1999) and must be added to the front panel of the revised label as one of the bullet points under the product name:

**"\* For Use On: Lawns."**

- 4.. As you know, EPA will soon be issuing a PR Notice concerning improvements to the format and content of "First Aid" statements (formerly "Statement of Practical Treatment") on all pesticide product labels. The "First Aid" statements in the upcoming PR Notice will supersede the statements that are listed in the December 1996 Label Review Manual. In addition, EPA is currently is revising the Label Review Manual; the revised manual will incorporate the updated "First Aid" statements from the PR Notice. At this time, we recommend that you incorporate the updated "First Aid" statements on your new product label by revising the instructions under "FIRST AID" to read as follows:

**"IF SWALLOWED:** Call a 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 do so by a poison control center or doctor.

**"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 the eye. Call a poison control center or doctor for treatment advice."

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible."

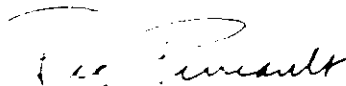
You may continue to use the same format for the First Aid section that is used on your label submitted October 22, 1999 (i.e. the box format with the headings "IN CASE OF ACCIDENTAL.....SWALLOWING, CONTACT WITH EYES, INHALATION" - followed by the above text in bullet format).

Since the label submitted on October 22, 1999 is in finished format and is substantially similar to the last accepted label (stamped May 26, 1999), and since the revisions requested above do not raise risk concerns associated with the use of this product, we will allow you to use this labeling for a period not to exceed January 31, 2000. Products released for shipment after January 31, 2000 must bear labeling revised in accordance with this letter.

Please submit one copy of your revised final printed labeling before you release the product for shipment. If the above specified conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions regarding this letter, please contact me by phone at (703) 305-5417 or via E-mail at Perreault.peg@epamail.epa.gov.

Sincerely yours,



Peg Perreault  
Chemical Manager, Team 4  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Enclosure (1)

Bayer 

Bayer  
ADVANCED  
LAWN

# ADVANCED LAWN™



TREATS  
ACCE 1000  
with CORP 1000  
SOFT  
In EPA Letter Dated:

Oct. 29, 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
I am hereby announcing that the pesticide  
registered under EPA Reg. No.

3125-507

## Grub Killer

READY-TO-SPREAD GRANULES

- ▶ Nothing works faster on grubs-overnight results
- ▶ Degrades quickly...will not linger
- ▶ Also kills sod webworms, mole crickets & cutworms

Overnight  
Results



KEEP OUT OF REACH OF CHILDREN

**CAUTION** See back panel for ingredients  
and precautionary statements  
HARMFUL IF SWALLOWED  
CAUSES EYE IRRITATION

NET WT 15 LBS (6.8kg)

Bayer  
ADVANCED  
LAWN



## Grub Killer

READY-TO-SPREAD GRANULES

Grub Killer



Bayer  
ADVANCED  
LAWN



# Grub Killer

Bayer Advanced Lawn 24-Hour Grub Killer rescues your lawn from active grub damage. Nothing kills grubs faster.

READY-TO-SPREAD GRANULES

## READ THE LABEL FIRST!

### QUICK FACTS

- For Use After First Signs of Grubs
- Stops Grubs From Further Damaging Lawn
- Degrades Quickly
- Easy-to-Use Granules

<b>KILLS</b>	White Grubs, Mole Crickets and other listed pests
<b>COVERAGE</b>	This bag covers up to 5,000 sq ft (White Grubs, Mole Crickets) 7500 sq ft (Sod Webworms, Cutworms)
<b>WHERE TO USE</b>	Lawns
<b>WHEN TO USE</b>	When grubs are present, usually July through September
<b>HOW MUCH TO USE</b>	See spreader settings



For questions or comments, call toll-free at 1-877-BayerAL or visit us on-line at [www.AdvancedLawn.com](http://www.AdvancedLawn.com)

**INGREDIENTS**  
ACTIVE INGREDIENT:  
Trichlorfon 6.2%  
OTHER INGREDIENT: 93.8%  
Total 100.0%

\*Other ingredient is Corn Cob granules.

(PA Reg. No. 3125-50)

(EPA Est. No. indicated by 2nd and 3rd digits of the batch number on the package)

177 = 070809-NY-000 41 = 5905-1A-01

### KILLS

Cutworms, White Grubs (larvae of Chafers and Japanese Beetles), Mole Crickets, and Sod Webworms

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For best results, read and follow all label directions.

<b>BEFORE YOU USE</b> Read and follow these directions when using:	<ul style="list-style-type: none"><li>• Do not apply near fish pools, ponds, streams or lakes.</li><li>• Do not apply to waterlogged soil.</li><li>• Water grass as soon as possible after application to move product to root zone where insects feed.</li><li>• Do not allow children or pets on treated lawn until grass has been watered and allowed to dry.</li></ul>
	Children and pets may re-enter after the treated area has been watered and allowed to dry.

### HOW TO USE

TO CONTROL	WHEN TO APPLY
GRUBS	Apply when grubs are present, usually July - September
MOLE CRICKETS	Apply when mole crickets are present, July - August
CUTWORMS SOD WEBWORMS	Mid-May through April-June

For best results, apply 24-Hour Grub Killer when grubs are actively feeding. Contact your County Extension Agent for the ideal dates to apply in your area.

<b>LAWNS</b>	<p>How Much: 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>	
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<b>FOR BEST RESULTS</b>	<ul style="list-style-type: none"><li>• Apply when grubs, mole crickets, and sod webworms are present.</li><li>• Water thoroughly within 24 hours after applying.</li><li>• Do not mow until the granules are watered into the soil.</li><li>• Avoid applying 24-Hour Grub Killer to waterlogged areas, as this may decrease the product's effectiveness.</li><li>• You may spread 24-Hour Grub Killer over soil or mulch. If present, remove weed barrier before applying.</li></ul>
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### SIGNS OF DAMAGE TO LAWNS

<b>GRUBS</b>	White grubs cause extensive damage in 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>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>SOD WEBWORMS AND CUTWORMS</b>	Sod webworms and cutworms damage lawns by cutting blades of grass near the ground. Small brown patches will appear. Cutworms can also be seen in the lawn. Webworms feed down in the thatch layer, coming up to feed at night.	
<b>HOW IT WORKS</b>	Bayer Advanced Lawn 24-Hour Grub Killer is intended to be used when insects and grubs are present. After granules are watered in, insects are killed on contact. The active ingredient then degrades quickly.	

### Spreader Settings

If your spreader is not listed, please call our Consumer Service Hotline at 1-877-BayerAL for help.

Rate for Grubs and Mole Crickets: 1 lb. per 1,000 sq ft.

Rate for Sod Webworms and Cutworms: 2 lbs. per 1,000 sq ft.

SPREADER SETTINGS			
Broadcast Spreaders		2 lb Rate	3 lb Rate
Model	Setting	Setting	Distance Between Passes (ft.)
CYCLONE ROTARY	4.0	4.25	5.0
EARTHWAY ROTARY	10	11	6.0
FLA-SPREAD	10	11	6.0
K-CRO ROTARY	1.5	2.0	6.0
ORTHO ROTARY	1.5	2.0	6.0
PRECISION ROTARY (#5850)	2.0	3.0	2.5
RED DEVIL ROTARY	2.0	3.0	2.5
REPUBLIC EZ ROTARY (#540)	1.5	2.0	6.0
SCOTT'S EASYGREEN (#EG-3)	26	26.5	2.5
SCOTT'S SPEEDYGREEN 1000	2.0	2.5	4.0
SCOTT'S SPEEDYGREEN 2000	4.0	4.5	3.0
SCOTT'S SPEEDYGREEN 3000	4.0	4.5	3.0
SEARS ROTARY	1.5	2.0	6.0
TRUE TEMPER ROTARY	4.0	4.25	5.0
VICOROT ROTARY	2.0	3.0	2.5
Drop Spreaders		2 lb Rate	3 lb Rate
Model	Setting	Setting	Distance Between Passes (ft.)
AMES DROP	3.5	6.5	N/A
K-CRO DROP	7.5	8.0	N/A
ORTHO DROP	7.5	8.0	N/A
PRECISION DROP (#PH22G)	0.5	1.0	N/A
RED DEVIL DROP	0.5	1.0	N/A
REPUBLIC EZ DROP (#530)	7.5	8.0	N/A
SCOTT'S ACCUGREEN 1000	5.5	6.5	N/A
SCOTT'S ACCUGREEN 2000	5.5	6.5	N/A
SCOTT'S ACCUGREEN 3000	4.25	5.25	N/A
SCOTT'S DROP (#PF1, PF2, PF3, PF4)	5.0	5.75	N/A
SEARS DROP	7.5	8.0	N/A
STA-GREEN DROP	5.5	6.5	N/A
VICOROT DROP	0.5	1.0	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: Turn on at 20 ft. x 30 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.

### IMPORTANT - Directions for Storage and Disposal

<b>STORAGE CONDITIONS</b>	Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet.
<b>DISPOSAL</b>	<ul style="list-style-type: none"><li>• Do not contaminate water, food, or feed by storage or disposal.</li><li>• Do not reuse empty product bags.</li><li>• Securely wrap the empty product bag in several layers of newspaper.</li><li>• Place bag in trash.</li></ul>

Important: It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow any applicable state or local guidelines.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

<b>CAUTION</b>	<ul style="list-style-type: none"><li>• Harmful if swallowed.</li><li>• Do not breathe dust.</li><li>• Avoid contact with eyes, skin or clothing.</li><li>• Do not apply with hand held or chest-mounted spreader.</li><li>• May cause allergic skin reactions in some people.</li><li>• Wash thoroughly after handling and before eating or smoking.</li></ul>
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### FIRST AID +

IN THE CASE OF ACCIDENTAL ...	IMMEDIATELY ...
<b>SWALLOWING</b>	<ul style="list-style-type: none"><li>• If the person is able to swallow, have them sip 1 to 2 glasses of water.</li><li>• Call a doctor or poison control center for further treatment advice.</li></ul>
<b>CONTACT WITH EYES</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water.</li><li>• Continue to rinse eye for 10 to 15 minutes.</li><li>• Call a doctor if irritation persists.</li></ul>
<b>INHALATION</b>	<ul style="list-style-type: none"><li>• If breathing is affected, move person to fresh air.</li><li>• Contact doctor or poison control center for further treatment advice.</li><li>• If not breathing, call an ambulance and give artificial respiration.</li></ul>

NOTE: When calling poison control center, have this product label at hand. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel.

For emergency medical information, you may call toll-free 1-877-229-3763. Active ingredient: Trichlorfon (CAS # 52-68-6). Note to Physicians: Prolonged exposure will cause cholinesterase depression. Atropine Sulfate is antidote. 2-PAM is also antidote and may be administered in conjunction with atropine.

### ENVIRONMENTAL HAZARDS

- This pesticide is toxic to fish, birds and wildlife. Do not apply directly to water.
- Do not contaminate water when cleaning equipment or disposing of equipment wash water.
- Apply this product only as specified on this label.

NOTICE: Research and testing has determined that the "Directions for Use" are appropriate for the proper use of 24-Hour Grub Killer under expected conditions. The Bayer 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.

Manufactured by:  
Bayer Corporation  
Lambert & Professional Care  
Box 4913  
Kansas City, MO 64120-0013

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Made in USA

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