

432-1308

11/19/2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

NOV 19 2008

Norma C. Pangilinan, Ph. D.
Registration Manager
Bayer Environmental Science
2 T.W. Alexander Drive
Research Triangle Park, NC 27709

Subject: Label Amendment: Add billbug larvae to the pest list, revise the Directions for Use and the storage and container disposal statements per PR Notice 2007-4.
Dylox 6.2% Granular Insecticide (Trichlorfon).
EPA Reg. No. 432-1308

Dear Dr. Pangilinan:

The revised labeling referenced to above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, is accepted with the following comments:

- 1) On page 3 under the header "Surface Feeding Insects" and the sub-header "When to Apply", delete "repeat as needed". Also, delete, "Therefore, repeat as needed for continued protection" and replace with "Limit applications to 3 per year with a minimum of a 7 day re-treatment intervals".
- 2) Add "listed" to "Other **listed** crops" on page 1 under the product name.
- 3) Qualify with acceptable data or delete "Fast-Acting" at the top of page 1.

A stamped copy "accepted with comments" of the label is enclosed for your records.

Please submit two (2) copies of the final printed label for our records before releasing the product to market. If you have any questions please call me at (703) 308-8328.

Sincerely,

A handwritten signature in black ink, appearing to read "Akiva Abramovitch", is written over a circular stamp.

Akiva Abramovitch, Ph. D.

Chemist

Insecticide-Rodenticide Branch
Registration Division (7505P)

Dylox[®] 6.2 Granular Insecticide

For Control of White Grubs, Mole Crickets, Sod Webworms, Cutworms and Other Pests of Turfgrass .

For commercial use only.

Controls damaging insects below the soil surface.

Provides control of Japanese beetle grubs.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

NOV 19 2008

ACTIVE INGREDIENT:

Trichlorfon, Dimethyl (2,2,2-trichloro-1-hydroxy-ethyl)phosphonate 6.2%

INERT INGREDIENTS:

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No. 93.8%
100.0%

FAST-ACTING

Treats 10,000 sq ft for White Grubs and Mole Crickets

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STORE IN A DRY PLACE

Treats 15,000 sq ft for Sod Webworms

EPA Reg. No. 432-1308

EPA Est. No. ____

STOP - Read the label before use.
Keep out of reach of children.

CAUTION

PARA EL USUARIO: Si usted no lee o entiende inglés, no use este producto hasta que le hayan explicado completamente las instrucciones que figuran en la etiqueta.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call 1-800-331-2867

FIRST AID

Contains an organophosphate that inhibits cholinesterase.

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 by a poison control center or doctor.
- Do not give anything to an unconscious person.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577.

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Do not take internally. Do not breathe dust. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some people.

PERSONAL PROTECTIVE EQUIPMENT

Mixers, Loaders, Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROL STATEMENT

When handlers use closed systems, enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)]. The handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when turf grass areas are water-logged or the soil is saturated with water (i.e. will not irrigate). Avoid run-off or puddling of irrigation water following application. Use only as directed on this label. Do not use on crops used for food or forage. Golf courses: Do not apply within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, or estuaries.

DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions for Use before using DYLOX 6.2 Granular Insecticide.

NOTE: Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

ENTRY RESTRICTIONS

Do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in. For home lawns, notify the property owner that he/she must water-in.

FACTS

- Fast Acting

Dylox 6.2	<ul style="list-style-type: none"> • Granular Insecticide containing 6.2% trichlorfon
Controls	<ul style="list-style-type: none"> • White Grub Larvae (such as larvae of Asiatic garden beetle, black turfgrass ataenius, European chafer, green June beetle, Japanese beetle, <i>Aphodius spp.</i>, May or June beetles (<i>Phyllophaga spp.</i>), northern and southern masked chafers (<i>Cyclocephala spp.</i>), oriental beetle and sugarcane grubs (<i>Tomarus spp.</i>)) • Mole crickets • Annual bluegrass weevil • Billbug larvae • Sod webworms and cranberry girdler • Cutworms and armyworms • Chinch bugs
Where to Apply	<ul style="list-style-type: none"> • All types of turf where pests have been seen or found excluding turf where application is not allowed. See Note above.
Coverage	<ul style="list-style-type: none"> • One bag (30 lbs) will treat 10,000 sq. ft. for white grubs, annual bluegrass weevil, chinch bugs, cranberry girdler and mole crickets. • One bag (30 lbs) will treat 15,000 sq. ft. for sod webworms, armyworms and cutworms.
How to Apply	<ul style="list-style-type: none"> • Do not apply with hand-held or chest-mounted spreader. • Apply granules using a broadcast or drop type spreader.
Questions	For questions or comments, call toll free 1 (800) 331-2867. www.BayerProCentral.com

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SURFACE FEEDING INSECTS

Sod webworm, cranberry girdler, cutworm, and armyworm

Use Rate	<ul style="list-style-type: none"> 2 pounds per 1,000 sq. ft. of turf. Refer to chart for spreader settings (Make sure your spreader is calibrated for this product before application).
How to Apply	<ul style="list-style-type: none"> Turf should be free of troublesome thatch, which encourages insects. Rake or de-thatch the area and remove the debris to expose insect hiding places. Water the turf and cut to proper height. Apply granules with a broadcast or drop type spreader. To release the active ingredient from the granule, the applicator must water-in after application or notify the property owner that he/she must water-in.
When to Apply	<ul style="list-style-type: none"> Treat when the insects are present. Repeat as needed. Sod webworm may have 4 generations of larvae which will require additional treatments at 30 to 40 day intervals during the summer months. Therefore repeat as needed for continued protection.

Surface Feeding Insects - 2 lb/1,000 sq ft

Surface Feeding Insects – 2 pounds per 1,000 sq ft

Spreader	Setting
Cyclone Pro	4
Cyclone-Roto	3
Lely Broadcast	2.5
Lesco Rotary	11
Prize CB85, CB T85	4.5
Scott's Drop	4
Scott's R7X	H
Spyker Pro	4
Greenview (Model 105)	6.5
Earthway (Model 2600)	8
Sears Broadcast	3.5
Sears Drop	6

(30 pounds will treat 15000 sq ft at this rate)

Root Feeding Insects

annual bluegrass weevil (larvae)

Billbugs (larvae)

cranberry girdler

mole crickets

chinch bugs

white grub larvae: larvae of Asiatic garden beetle, black turfgrass ataenius, European chafer, green June beetle, Japanese beetle, *Aphodius spp.*, May or June beetles (*Phyllophaga spp.*), northern & southern masked chafers (*Cyclocephala spp.*), Oriental beetle, and sugarcane grubs (*Tomarus spp.*)

Use Rate	<ul style="list-style-type: none"> 3 pounds per 1,000 sq. ft. of turf. Refer to chart for spreader settings (Make sure your spreader is calibrated for this product before application).
How to Apply	<ul style="list-style-type: none"> Turf should be free of troublesome thatch, which encourages insects. For best results, ensure that there is no more than ½ inch of thatch present at time of application. Under dry conditions, where thatch is present, prewatering is recommended prior to application for control of white grub and weevil larvae. Water the turf and cut to proper height. Apply granules with a broadcast or drop type spreader. The applicator must water-in after application or notify the property owner that he/she must water-in in order to move the product into the root zone.
When to Apply	<ul style="list-style-type: none"> Apply when pests are seen or found. Consult your Agricultural Extension Service for the best time to treat in your area. A second treatment may be needed for mature large sized grubs.

Root Feeding Insects - 3 lb/1,000 sq ft)	
Spreader	Setting
Cyclone Pro	4.75
Cyclone-Roto	3.5
Lely Broadcast	2.9
Lesco Rotary	14
Prize CB85, CB T85	5
Scott's Drop	4.5
Scott's R7X	J
Spyker Pro	4.7
Greenview (Model 105)	7.5
Earthway (Model 2600)	10
Sears Broadcast	4
Sears Drop	7
(30 pounds will treat 10000 sq ft at this rate)	

Application Restrictions

- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Only protected handlers may be in the area during application.
- Aerial application is prohibited.
- To release the active ingredient from the granule, and to move the active ingredient into the root zone where the insects feed, the applicator must water in after application, or notify the property owner that he/she must water in.
- Do not apply this product using "chest mounted rotary-type spreaders."
- For application to turf, limit applications to 3 per calendar year with 7-day retreatment intervals.
- Do not apply more than 24.5 lbs a.i./A per year for grubs and mole crickets and 16.2 lbs a.i./A per year for surface feeding insects.

Additional Restrictions For Golf Courses

- Do not apply within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, or estuaries.
- Broadcast use is limited to tees and greens, use on fairways is limited to spot treatments where pests are seen or found.

STORAGE AND DISPOSAL

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

STORAGE:	• Store in its original container in a cool, dry, locked place out of reach of children.
PESTICIDE DISPOSAL:	• Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER DISPOSAL:	• Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available or dispose of empty bag in a sanitary landfill.

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IMPORTANT: READ BEFORE USE

Read the entire *Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability* before using this product.

If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, because of manner of use and other factors beyond Bayer CropScience LP's control it is impossible for Bayer CropScience LP to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

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PRODUCED FOR



Bayer Environmental Science

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