

432-1464

1-16-2008

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Dr. Norma C. Pangilinan
Bayer Environmental Science
2 T.W. Alexander Dr.
Research Triangle Park, NC 27709

January 16, 2008

Dear Dr. Pangilinan:

**Subject: Labeling Amendment: Revise Directions for Use, Remove Table Header "Recommended Applications", and Revise Application Rate for Chinch Bug Control.
Dylox 420 SL Turf and Ornamental Insecticide
EPA Registration No. 432-1464
Submission Date: December 12, 2007**

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the above mentioned label before releasing the product for shipment. If you have any questions regarding this letter, please contact Amer Al-Mudallal at (703) 605-0566.

Sincerely yours,

A handwritten signature in black ink, appearing to read "John Hebert".

John Hebert
Product Manager (07)
Insecticide-Rodenticide Branch
Registration Division (7505P)

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Dylox 420 SL Turf and Ornamental Insecticide

For control of insects on landscape flowers, shrubs and trees and landscape and recreational turf.
For use on golf course and residential turf

For Control of White Grubs, Mole Crickets, Sod Webworms, Cutworms and Other Pests of Turfgrass
Controls damaging insects above and below the soil surface.

ACTIVE INGREDIENT:

*Trichlorfon..... 37.3%

OTHER INGREDIENT..... 62.7%

TOTAL..... 100.0%

*420 g trichlorfon/liter of formulated product

EPA Reg. No. 432-1464

EPA Est. No.

**STOP - READ THE LABEL BEFORE USE.
KEEP OUT OF REACH OF CHILDREN.
CAUTION**

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 do so by a 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 to 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:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

In case of emergency call toll free the Bayer Environmental Science Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

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

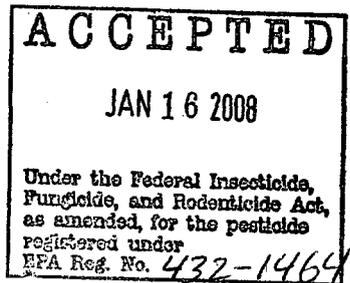
CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Do not take internally. Avoid contact with eyes, skin or clothing. Do not get in eyes or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE):

Mixers, loaders, applicators, and other handlers must wear:

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



- Chemical resistant gloves

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 Statements: When handlers use closed systems or 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

- 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife and is extremely toxic to aquatic invertebrates. Apply the product in strict accordance with label directions. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when turf grass areas are waterlogged or the soil is saturated with water (i.e. will not irrigate). Avoid run-off or puddling of irrigation water following application. Do not apply when weather conditions favor drift from areas treated. Do not apply when average wind speeds are greater than 15 mph. Apply product using spray nozzles which produces a coarse droplet size, such as flood jet nozzles or lawn care gun.

For Golf Course Use: Do not apply within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, or estuaries.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, begin immediate measure to contain the liquid by use of a spill kit or absorbent clay carrier and carefully sweep material into a pile preventing runoff into drains or waterways.

Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Environmental Science Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577, or contact Chemtrec at 1-800-424-9300.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Do not use container in connection with food, feed, or drinking water. Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

NOTE: 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.

MIXING: DYLOX 420 SL Turf and Ornamental Insecticide is a soluble concentrate which dissolves readily in water and is suitable for use in all power-operated ground sprayers.

DOSAGE: Use specified dosage of DYLOX 420 SL Turf and Ornamental Insecticide in the amount of water necessary to give complete coverage of soil or turf. The type of equipment used will determine the concentration required.

NOTE: Spray droplets from applications of DYLOX 420 SL Turf and Ornamental Insecticide may cause spotting of paint finishes on aluminum and steel siding, automobiles, trucks and tractors. Do not allow spray droplets to contact metal painted surfaces. If accidental exposure does occur, the painted surface should be thoroughly washed immediately after exposure.

Do not apply this product through any type of chemigation system.

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CROP	INSECT	fl oz DYLOX 420 SL Turf & Ornamental
Landscape Ornamentals (such as flowers, shrubs, and trees) and Recreational Lawns & Turf	Cutworms Armyworms Webworms, incl. sod webworm Cranberry girdler	4.6-6.9 per 1000 sq ft (200-300 fl oz per acre)
	Annual bluegrass weevil larvae	5.2-6.9 per 1000 sq ft (225-300 fl oz per acre)
	Annual bluegrass weevil (adults) Mole crickets Chinch bugs White grubs (such as larvae of Asiatic garden beetle, black turfgrass atenius, European chafer, green June beetle, Japanese beetle, <i>Aphodius</i> spp., May or June beetles (<i>Phyllophaga</i> spp.), northern & southern masked chafers, sugarcane grub (<i>Tomarus</i> spp.), and Oriental beetle)	6.9 per 1000 sq ft (300 fl oz per acre)
	<p>Mix specified dosage of DYLOX 420 SL Turf & Ornamental Insecticide in sufficient water to provide adequate distribution during application to lawn, turf or groundcover area.</p> <p>For best results, irrigate as soon as possible after application, to moisten the top inch of the soil, and minimize the amount of thatch present prior to application. Under dry conditions, prewatering is recommended prior to application for optimum control of white grub and weevil larvae, particularly if thatch is present.</p> <p>If applied to newly-mowed <i>Poa annua</i> irrigate as soon as possible after application, particularly under conditions of high temperature and humidity.</p> <p>If the turf is being maintained at a mowing height of greater than 1 inch, then the higher application rate (6.9 fl oz per 1000 sq ft) may be required during periods of high pest pressure.</p> <p>Do not use DYLOX 420 SL Turf and Ornamental Insecticide in hose-proportioned sprayers.</p> <p>Note: Do not use treated area or clippings from treated areas for feed or forage.</p>	
Narcissus	Narcissus bulb fly	37
Apply specified dosage in 100 gallons of water as a drench per 1,000 feet of row . Direct stream to base of plants at beginning of adult fly activity (early May to June). Repeat treatments annually.		

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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.
- Aerial application is prohibited.
- Do not use on plants used for food or forage. Use only according to label directions. Do not allow people or pets to enter the treated area until sprays have dried.
- Do not apply more than one application in any 7 day period.
- Do not apply more than 24.5 lbs ai/A per year for grubs and mole crickets and 16.2 lbs ai/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 treatment where pests are seen or found.

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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.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY liability whatsoever for special, incidental or consequential damages, resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

DYLOX 420 SL Turf and Ornamental Insecticide is specially formulated and sold by Bayer CropScience LP for the control of insects according to the directions on this label. The purchase price of DYLOX 420 SL Turf and Ornamental Insecticide includes a prepaid license under which purchaser agrees to employ the purchased quantity of DYLOX 420 SL Turf and Ornamental Insecticide only for the above-specified uses and to provide notice of the terms and conditions of this license to any subsequent purchaser. Uses of DYLOX 420 SL Turf and Ornamental Insecticide other than those specified on this label are not licensed through the purchase of this product.

NET CONTENTS: 2 X 2.5 GALLONS

PRODUCED FOR



Bayer Environmental Science

A Business Group of Bayer CropScience LP
2 T. W. Alexander Drive
Research Triangle Park, NC 27709

Dylox 420 SL Turf & Ornamental (PENDING) 12/11/07