

432-1289

12/12/2006

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

DEC 12 2006

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

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

Subject: Label Amendment as a follow-up to the Reregistration Eligibility Document-Only direct ground application allowed at the base of the ornamental plants and trees. Dylox 80 Turf and Ornamentals (Trichlorfon). EPA Reg. No. 432-1289

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:

Amend the Warranty Statement and **change should to must** in "The directions..... should be followed. Also, add "to the extent allowed by applicable laws" before all your disclaimer statements.

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 that reads "Akiva Abramovitch". The signature is written in a cursive style.

Akiva Abramovitch, Ph. D.
Chemist
Insecticide-Rodenticide Branch
Registration Division (7505C)

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Bayer Environmental Science

Dylox[®] 80 Turf and Ornamental Insecticide

**ACCEPTED
with COMMENTS**
in EPA Letter Dated:
DEC 12 2006

*Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
432-1289*

For control of insects on landscape flowers, shrubs and trees and landscape and recreational turf.

Only for sale to, use, and storage by professional or commercial applicators.

ACTIVE INGREDIENT:

Trichlorfon, Dimethyl (2,2,2-trichloro-1-hydroxyethyl) phosphonate 80%

INERT INGREDIENTS: 20%
..... 100%

EPA Reg. No. 432-1289

EPA Est. No. _____

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

WARNING

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés no use este producto hasta que la etiqueta le haya sido explicada ampliamente. **(TO THE USER:** If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

FIRST AID

| | |
|----------------------|--|
| IF SWALLOWED: | <ul style="list-style-type: none"> • 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 INHALED: | <ul style="list-style-type: none"> • 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. • Call a poison control center or doctor for further treatment advice. |
| IF IN EYES: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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. 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: ANTIDOTE - Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine. Compound inhibits cholinesterase resulting in stimulation of the central nervous system, autonomic nervous system, and skeletal muscle. Do not give morphine. Watch for pulmonary edema which may develop in serious cases of poisoning even after 24 to 48 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically. In case of poisoning, it is also requested that Bayer Environmental Science be notified. Telephone 1-800-331-2867.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Do not breathe dust. When loading spray tank or handling the powder at any other time, wear a mask or pesticide respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health. Do not

get in eyes, skin, or on clothing. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling, and before eating or smoking. Removed contaminated clothing and wash before reuse.

Personal Protective Equipment (PPE):

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

- Long-sleeved shirt and long pants
- Shoes plus socks
- Water proof gloves
- Goggles and face shield

In addition to the above, mixers and loaders supporting groundboom applications to golf courses and ornamental lawns must wear:

A NIOSH-approved respirator with any N, R, or P or He filter

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, or aircraft 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.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into 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 product 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. Post-application watering-in is required.

DIRECTIONS FOR USE

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

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, carefully sweep material into a pile. 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 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 carton into application equipment. Then dispose of empty carton in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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 80 Turf and Ornamental Insecticide is a soluble powder which dissolves readily in water and is suitable for use in all power-operated ground sprayers. To dissolve in water, pour the required amount of DYLOX 80 Turf and Ornamental into full amount of water and then agitate. Use immediately after mixing. It is recommended that DYLOX 80 Turf and Ornamental be used in sprayers equipped with 50 mesh screens. If 100 mesh screens are used, some screen clogging may occur.

NOTE: Spray droplets from applications of DYLOX 80 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.

Watering-in is required for all uses, except for foliar uses and for control of Lepidoptera and chinch bugs in turf.

Do not apply within 25 feet of lakes, reservoirs, rivers, streams, marshes, natural ponds, or estuaries.

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

| RECOMMENDED APPLICATIONS | | |
|--|--|--|
| CROP | INSECT | oz DYLOX 80 Turf & Ornamental Insecticide per 100 gal spray solution |
| Landscape Ornamentals (such as flowers, shrubs, and trees) and Recreational Lawns & Turf | Cutworms Armyworms Webworms, incl. sod webworm | Cranberry girdler Chinch bugs |
| | Annual bluegrass weevil larvae | |
| | Annual bluegrass weevil (adults) Mole crickets | |
| | White grubs (such as larvae of Asiatic garden beetle, black turfgrass ataenius, European chafer, green June beetle, Japanese beetle, <i>Aphodius</i> spp., May or June beetles (<i>Phyllophaga</i> spp.), northern & southern masked chafers (<i>Cyclocephala</i> spp.), sugarcane grub (<i>Tomarus</i> spp.), and Oriental beetle) | |
| <p>Mix specified dosage of DYLOX 80 Turf & Ornamental Insecticide in sufficient water to provide adequate distribution during application to lawn, turf or groundcover area.</p> <p>For white grub, mole cricket, and annual bluegrass weevil control, thoroughly irrigate following application, to moisten the top inch of the soil. For best results, ensure that there is no more than 1/2 in 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.</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>For control of webworms, cranberry girdler, armyworm, and cutworm, it is not necessary to irrigate following application. If the turf is being maintained at a mowing height of greater than 1 inch, then the higher application rate (3 3/4 oz per 1000 sq ft) may be required during periods of high pest pressure.</p> <p>Do not use DYLOX 80 Turf & 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 | 20 |
| 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.
- Do not use on plants used for food or forage. Use only according to label directions. Do not allow people or pets to enter treated area (except people involved in the watering-in) until the watering-in is complete and the surface is dry.
- Aerial application is prohibited.
- 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 with in 25 feet of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, or estuaries.
- Post-application watering-in is mandatory
- Broadcast use is limited to tees and greens. Use on fairways is limited to spot treatment where pests are seen or found.

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 should 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: 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. 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 ALLOWED BY 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.

PRODUCED FOR



Bayer Environmental Science

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

Dylox 80 Turf and Ornamental (PENDING) 10/02/06, Resubmitted 10/24/06