



U.S. ENVIRONMENTAL PROTECTION AGENCY

OFFICE OF PESTICIDE PROGRAMS

1200 Pennsylvania Ave., N.W.

Washington, DC 20460-0001

NOTICE OF PESTICIDE

Registration

X Reregistration

(under FIFRA, as amended)

EPA Reg. Number

432-1289

Date of Issuance

FEB 13 2004

Term of Issuance

Unconditional

Name of Pesticide Product

Dylox 80 Turf and Ornamental Insecticide

Name and Address of Registrant (include ZIP Code):

Bayer Environmental Science

95 Chestnut Ridge Road

Montvale, NJ 07645

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). Registration is in no way to be construed as an endorsement or approval of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Trichlorfon Reregistration Eligibility Decision document, EPA has reregistered the product listed above. This action is taken under the authority of sec. 4(g)(2)(c) of FIFRA. Reregistration under this section does not eliminate the need for continued reassessment of pesticides. EPA may require submission of data any time to maintain the registration of your product. The following revision must be incorporated into the labeling before the product is released for shipment:

- 1) Replace under Entry Restriction "Do not enter or allow others to enter" with "do not allow people or pets to enter treated area (except people involved in the watering) until the watering-in is complete and the surface is dry".
- 2) Under PPE add "goggles or face shield" for both mixer/loader and applicator.

A stamped copy of the draft label "accepted with comments" is enclosed for your records. Please submit two (2) copies of your final printed labeling before you release the product for shipment. Should you have any questions, do not hesitate to contact Registration Review Manager, Dr. Akiva Abramovitch at 703-308-8328.

Signature of Approving Official:

Meredith Laws, Chief
Insecticide-Rodenticide Branch
Registration Division (7505C)

Date:

FEB 13 2004



Bayer Environmental Science

Dylox[®] 80

Turf and Ornamental Insecticide

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:

ACCEPTED
with COMMENTS
In EPA Letter Dated
FEB 13 2004
EPA Est. No. _____

EPA Reg. No. 432-1289

STOP - Read the label before use.

Keep out of reach of children.

WARNING

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

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

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 produce 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.

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.

DOSAGE: Use specified dosage of DYLOX 80 Turf and Ornamental Insecticide in the amount of water necessary to give complete coverage of foliage. The type of equipment used will determine the concentration required.

SPRAYING: Complete coverage and thorough application are essential for most effective results. Schedule applications in accordance with local conditions.

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.

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
LANDSCAPE ORNAMENTALS Flowers, Shrubs & Trees	Nantucket pine tipmoth	Zimmerman pine moth	20
	Armyworms	Stink bugs	20 to 30
	Bagworms	Tarnished plant bug	
	Climbing cutworms	Tobacco budworm	
	Dipterous leaf miners	Webworms	
Lygus bugs			
Mix specified dosage in 100 gallons of water and spray plants until they are thoroughly wet. Repeat as necessary. Note: Phytotoxicity has occurred on certain varieties of carnations and zinnias. When large plantings of these flowers are to be sprayed for the first time, treat only a few plants and observe for 4 to 5 days before spraying the entire planting. Injury from spray droplets may occur on leaves of certain trees.			
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.		
Landscape and Recreational Lawns & Turf	Cutworms	Sod webworms (lawn moths)	2-1/2 to 3-3/4
	White grubs (larvae of Asiatic garden beetle, Black turfgrass atenius, European chafer, Green June beetle, Japanese beetle, May or June beetles (<i>Phyllophaga</i> spp.), Northern & Southern masked chafers, and Oriental beetle)		3-3/4
	Mix specified dosage of DYLOX 80 Turf & Ornamental Insecticide in sufficient water to provide adequate distribution during application to 1,000 sq ft of lawn or turf area by means of a watering can, compressed air sprayer, or any commercial power sprayer. For best results, mow the lawn and rake dead grass from damaged spots. Water the lawn and allow grass to dry before spraying. For sod webworm and cutworm control do not irrigate following application. Three applications at monthly intervals may be required for maximum control. In most areas, the first of these applications should be made in May or June. For white grub control, thoroughly irrigate following application. Do not use DYLOX 80 Turf and Ornamental Insecticide in hose proportioned sprayers. Note: Do not use treated area or clippings from treated areas for feed or forage.		

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 enter or allow others to enter until spray has dried.
- Aerial application is prohibited.
- Do not apply more than one application in any 7 day period.
- Do not apply more than 24.51 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.

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.

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 Environmental Science's control it is impossible for Bayer Environmental Science 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 ENVIRONMENTAL SCIENCE 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 Environmental Science is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Bayer Environmental Science disclaims any liability whatsoever for special, incidental or consequential damages, resulting from the use or handling of this product.

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Reason for Revision: Revised Label for re-registration Jan 2004

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