

Please read instructions on reverse before completing form.



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 432-1289	2. EPA Product Manager John Hebert	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dylox 80 Turf and Ornamental Insecticide	PM#	
5. Name and Address of Applicant (Include ZIP Code) Bayer Environmental Science 95 Chestnut Ridge Road Montvale, NJ 07645 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION SEP 15 2004
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.  
- Adding additional pests to the Dylox 80 Turf and Ornamental label

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per containers	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Richard M. Gorrell	Title Manager, Registrations	Telephone No. (Include Area Code) (201) 307-3376
2. Signature 		6. Date Application Received (Stamped)
3. Title Manager, Registrations		
4. Typed Name Richard M. Gorrell	5. Date August 20, 2004	

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Bayer Environmental Science

NOTIFICATION

SEP 15 2004

# Dylox<sup>®</sup> 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:**..... 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

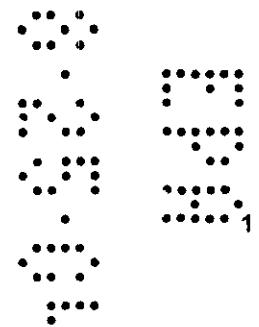
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

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 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.

**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 (not for control of Lepidoptera in turf (see below). Not for foliar 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
	Amyworms	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.		
	<b>Note:</b> 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; Cranberry girdler (lawn moths)	2-1/2 to 3-3/4
	<del>Amyworms</del>		
	<del>Annual bluegrass weevil (adults and larvae); armyworm; mole crickets; and Cranberry girdler</del>		3-3/4
	White grubs: (larvae of Asiatic garden beetle, Black turfgrass ataenius, European chafer, Green June beetle, Japanese beetle, <del>Aphodius spp.</del> May or June beetles ( <i>Phyllophaga</i> spp.), Northern & Southern masked chafers, and Oriental beetle)		
	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.		
	<del>For white grub and annual bluegrass weevil control, thoroughly irrigate following application. 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.</del>		
	For sod webworm, cranberry girdler, amyworm, and cutworm control do not irrigate following application. Do not use DYLOX 80 Turf and Ornamental Insecticide in hose proportioned sprayers.		
	<b>Note:</b> 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 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.

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### Additional Restrictions for Golf Courses:

- Do not apply within 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.

**LIMITATIONS OF LIABILITY:** 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 ENVIRONMENTAL SCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

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Reason for Revision: Amend Label 8-19-04

Bayer Environmental Science  
A Business Group of Bayer CropScience LP  
95 Chestnut Ridge Road  
Montvale, NJ 07645

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# Bayer Environmental Science



August 20, 2004

EPA04RMTG0820Dylox80T&OLabelNotifPests  
Fedex

Ms. Sherda Hobgood  
US Environmental Protections Agency  
Office of Pesticide Programs (7505C)  
Registration Division  
Document Processing Desk (Notif)  
1801 Bell Street  
Arlington, VA 22202

Re: Dylox 80 Turf and Ornamental Insecticide (432-1289) Label Notification

Dear Ms. Hobgood:

Bayer Environmental Science (BES) is notifying the Agency of the addition of additional pests to the Dylox 80 Turf and Ornamental Insecticide label. The changes are highlighted for your convenience.

The following materials are included in this package:

- EPA Application (Form 8570-1)
- 5 copies of the Dylox 80 Turf and Ornamental Insecticide label

If you have any questions, you can contact me at (201) 307-3376 or email at [mike.gorrell@bayercropscience.com](mailto:mike.gorrell@bayercropscience.com).

Sincerely,

Richard M. Gorrell

Encl.

Cc: Joe Conti  
Mike Gorrell  
Brian Gooch  
Nate Royalty

Bayer Environmental  
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95 Chestnut Ridge Road  
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