

432-1289

11/13/2003

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



OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

NOV 13 2003

Ms. Liane Stocky
Bayer Environmental Science
95 Chestnut Ridge Road
Montvale, NJ 07645

Dear Ms. Stocky:

Subject: Revised Labeling
Dylox® 80 Turf and Ornamental Insecticide
EPA Registration No. 432-1289
Your Submissions (via Email) Dated November 4, and November 12, 2003

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided you make the following changes before you release the product for shipment bearing the amended labeling:

1. On the front panel delete "For more effective insect control." Phrases implying that a product possesses unique characteristics because of its composition are not acceptable.
2. Under Environmental Hazards, delete "For terrestrial uses.." Your product only has terrestrial uses.

A stamped copy is enclosed for your records. If you have any questions, please contact me at (703) 308-6249 or hebert.john@epa.gov.

Regards,

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

John Hebert
Insecticide-Rodenticide Branch
Registration Division (7505C)

ACCEPTED
with COMMENTS
In EPA Letter Dated:

2/4

 Bayer Environmental Science

Dylox[®] 80

NOV 13 2003
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
432-1289

Turf and Ornamental Insecticide

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

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

ACTIVE INGREDIENT:

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.
<p>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.</p>	
<p>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.</p>	

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 or inhaled. Causes substantial but temporary eye injury. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some people.

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. [REDACTED]
[REDACTED] Removed contaminated clothing and wash before reuse.

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 when weather conditions favor drift from areas treated. For terrestrial uses, 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 apply where runoff is likely to occur. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

[REDACTED]

MIXING: DYLOX 80 Turf and Ornamental Insecticide 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.

[REDACTED]

RESTRICTIONS

Do not use on plants used for food or forage. Use only according to label directions. Keep children and pets off treated areas until spray deposit has dried.

RECOMMENDED APPLICATIONS		
CROP	INSECT	Oz DYLOX 80 Turf & Ornamental
LANDSCAPE ORNAMENTALS Flowers, Shrubs & Trees	Nantucket pine tipmoth	Zimmerman pine moth
	Armyworms	Stink bugs
	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.	
	[REDACTED] 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	Cutworms	Sod webworms (lawn moths)
		2-1/2 to 3-3/4

Recreational Lawns & Turf	White grubs (larvae of Asiatic garden beetle, Black turfgrass stenius, 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
<p>Mix specified dosage of DYLOX 80 Turf & Ornamental Insecticide in [REDACTED]</p> <p>[REDACTED] 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.</p> <p>Do not use DYLOX 80 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>		

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or 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 800-424-8300.

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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M-8869a

Net Weight: ___ Pounds

Bayer Environmental Science
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