



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

FEB 17 1994

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AGRICULTURE DIVISION  
8400 Hawthorn Rd - Box 4913  
Kansas City, MO 64120

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 08/24/93 in Response to PR Notice 93-7  
EPA Reg. No. 3125-184  
DYLOX 80% SOLUBLE POWDER CROP INSECTICIDE

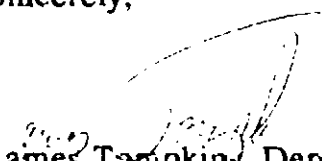
Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,

  
James Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Enclosures



Recycled/Recyclable  
Printed with Soy/Canola ink on paper that  
contains at least 50% recycled fiber

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

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8400 HAWTHORN RD BOX 4913  
KANSAS CITY MO 64120

Subject: Label Amendment Submission of 08/24/93  
in Compliance with the PR Notice 93-7  
EPA Reg Nr. 3125-184  
DYLOX 80% SOLUBLE POWDER CROP INSECTICIDE

Modify the exclusionary statement to conform to the EPA-  
approved language specified in PRN 93-11.

**DYLOX 80 Turf & Ornamental**

184 7891.YLD

U. S. LABEL

Base Pre-Reg (7891)

Reason to Issue: To delete uses with scope of Worker Protection Standard.

Date of Draft: (Pre-Reg)06/04/93(S)

# DYLOX

## 80 Turf and Ornamental Insecticide

For Control of Insects on Landscape Flowers, Shrubs and Trees  
and Landscape and Recreational Turf  
*SURFACE Spray for Fly Control*

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

FOR MORE EFFECTIVE INSECT CONTROL

ACTIVE INGREDIENT:

Dimethyl (2,2,2-trichloro-1-hydroxyethyl) phosphonate .....	80%
INERT INGREDIENTS .....	20%
	100%

EPA Reg. No. 3125-184  
EPA Est. 3125-MO-1

Net Weight: \_\_\_ Pounds

STOP - Read The Label Before Use

Keep Out Of The Reach Of Children

### WARNING

(See Rear Panel for Statements of Practical Treatment and Other Precautionary Statements)

### AVISO

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.)

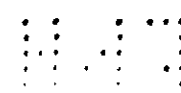
ACCEPTED  
with COMMENTS  
In EPA Letter Dated

FEB 17 1994

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

3125-184

MILES 



## RESTRICTIONS

Do not use on ~~crops~~ plants used for food or forage. Use only according to label directions.

Keep children and pets off treated areas until spray deposit has dried.

## 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. Remove contaminated clothing and wash before reuse.

## STATEMENTS OF PRACTICAL TREATMENT

**If swallowed:** Call a physician or Poison Control Center. If medical assistance cannot be given immediately, induce vomiting and get to a hospital. To induce vomiting, administer 1 or 2 glasses of water and stick finger down throat. Repeat until vomitus is clear. Or, if available, administer syrup of ipecac (1/2 oz. or 15 ml). If vomiting does not occur within 5 to 10 minutes, administer a second dose of ipecac. Do not attempt to give anything by mouth or induce vomiting in an unconscious or convulsing person.

**If inhaled:** First, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**If in eyes:** Hold eyelids open and flush with plenty of water. Call a physician.

**If on skin:** Wash with plenty of soap and water. Get medical attention.

### 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 Miles Inc., Agriculture Division, Kansas City, Missouri, be notified. Telephone 816-242-2582.

## ENVIRONMENTAL HAZARDS

### PROTECT WILDLIFE II

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.

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using DYLOX 80 Turf and Ornamental Insecticide.

**CONDITIONS OF SALE:** THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE APPROPRIATE FOR THE CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED UNDER DIFFERENT ENVIRONMENTAL CONDITIONS BOTH INDOORS AND OUTDOORS UNDER CONDITIONS SIMILAR TO THOSE THAT ARE ORDINARY AND CUSTOMARY WHERE THE PRODUCT IS TO BE USED. INSUFFICIENT CONTROL OF PESTS OR PLANT INJURY MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL CONDITIONS, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO ANIMALS, MAN, AND DAMAGE TO THE ENVIRONMENT. MILES OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL ENVIRONMENTAL CONDITIONS, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

**NOTE:** Not for use on sod farms, commercial greenhouses and nurseries, or on plants grown for seeds.

**MIXING:** DYLOX 80 Turf and Ornamental Insecticide dissolves readily in water and is suitable for use in all power-operated ground sprayers and aircraft 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. Consult your State Agricultural Extension Service or Experiment Station for specific timing of applications in your area.

**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.

### USE IN CHEMIGATION SYSTEMS ON LANDSCAPE OR RECREATIONAL TURF ONLY

Apply DYLOX 80 Turf and Ornamental Insecticide through solid set irrigation systems. Do not apply this product through any other type of irrigation system.

The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump water stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the areas intended for treatment.

Crop injury, or lack of effectiveness, can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

**BEST AVAILABLE COPY**

**DYLOX 80 Turf and Ornamental Insecticide**

For control of white grubs: Pre-mix the required amount of DYLOX 80 Turf and Ornamental insecticide as determined under "Recommended Applications," in sufficient water to uniformly inject the entire mixture into the irrigation system using a positive pressure pumping system. The injection should be timed so that 1/4 to 1/2 inches of irrigation will be applied after the end of the injection period. Continuous agitation of the mixture in the holding tank is required.

For control of sod webworms and cutworms: Pre-mix the required amount of DYLOX 80 Turf and Ornamental Insecticide as determined under "Recommended Applications," in sufficient water to uniformly inject the entire mixture into the irrigation system using a positive pressure pumping system. The injection should be made during the last 5 minutes of the irrigation cycle. Continuous agitation of the mixture in the holding tank is required.

RECOMMENDED APPLICATIONS			
CROP	INSECT	Oz DYLOX 80 Turf & Ornamental	REMARKS
LANDSCAPE ORNAMENTALS Flowers, Shrubs & Trees	Nantucket pine tip moth Zimmerman pine moth	20	Mix specified dosage in 100 gallons of water and spray plants until they are thoroughly wet. Repeat as necessary.
	Armyworms Bagworms Climbing cutworms Dipterous leaf miners Lygus bugs Stink bugs Tarnished plant bug Tobacco budworm Webworms	20 to 30	<b>CAUTION:</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 (lawn moths)	2-1/2 to 3-3/4	Mix specified dosage (approximately 1/3 to 1/2 cupful) of DYLOX 80 Turf & Ornamental Insecticide in 15 to 30 gallons of water and apply uniformly to 1,000 sq ft of lawn or turf area by means of a watering can, compressed air sprayer, any commercial power sprayer, or through sprinkler irrigation systems. (See chemigation directions). 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.

**DIRECTIONS FOR USE (Continued)**

RECOMMENDED APPLICATIONS			
CROP	INSECT	Oz DYLOX 80 Turf & Ornamental	REMARKS
Landscape and Recreational Lawns and Turf (Continued)	White grubs	3-3/4	For white grub control, thoroughly irrigate following application. Consult your State Agricultural Experiment Station or State Extension Service Specialists for more specific information regarding timing of applications. 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.

**SURFACE SPRAY FOR FLY CONTROL**

*For fly control in and around farm buildings: Mix 5 pounds of DYLOX 80 in 40 gallons of water (equivalent to 5 level tablespoonfuls per gallon). Thoroughly wet all areas to be treated by spraying 1 gallon per 500 square feet of surface area or to the point of run-off. Apply to floors, walls, ceiling, around windows, doors, and other areas where flies congregate. Also spray stock pens (after removal of animals), garbage areas, and other locations where refuse has collected. Repeat applications every 1 to 2 weeks or as fly populations increase. For longer residual control, add 1 pound of sugar to each gallon of spray solution.*

**RESTRICTIONS (SURFACE SPRAY)**

*Remove animals before spraying barn. Allow spray to dry before re-stocking facility. Do not treat areas such as drinking cups, mangers, or troughs where livestock feed. Direct application to walls, floors, or other surfaces previously treated with lime, whitewash, or other alkaline materials may be ineffective. Do not contaminate water, feedstuffs, feed handling equipment, or milk handling equipment.*

**STORAGE AND DISPOSAL**

**Pesticide Disposal:** Do not contaminate water, food or feed by storage or 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.

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 above. In spill or leak incidents, keep unauthorized people away. You may contact the Miles Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Miles Kansas City Emergency Response Telephone Number is 816-242-2582, or contact Chemtrec at 800-424-9300.

**BEST AVAILABLE COPY**

Miles Inc.  
Specialty Products  
Box 4913, Kansas City, MO 64120 0013