

PM 14 3125-400
file in jacket

page 1 of 7
PM 14



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

MAR 7 1994

JULIE M. SPAGNOLI
MILES INC.
AGRICULTURE DIVISION
8400 HAWTHORNE ROAD
BOX 4913
KANSAS CITY, MO. 64120

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 9/30/93 Response to PR Notice 93-7
EPA Reg. No. 3125-400
DYLOX 6.2% INSECTICIDE GRANULES

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



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

2 7 7

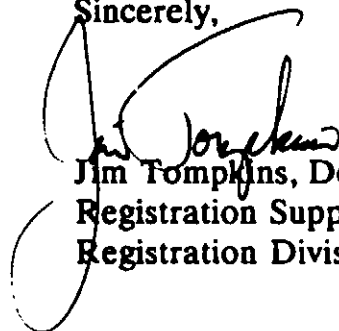
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



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

Attachment

3 4 7

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Julie M. Spagnoli
MILES INC
AGRICULTURE DIVISION
8400 HAWTHORN RD BOX 4913
KANSAS CITY MO 64120

Comment for: EPA Reg Nr.3125-400
DYLOX 6.2% INSECTICIDE GRANULES

The following specific comments pertain to your WPS
labeling submission concerning the product
cited above:

User Safety Recommendations must either be placed in a box
or printed on the label in a contrasting color from
surrounding text.

The Agricultural Use Requirements section must be located in
a clearly separate box on the product labeling -- with lines
or other graphic indicators (such as contrasting color) to
separate the section from the surrounding text.

Delete the crossed-out statements on your proposed label.
They are redundant statements or phrases.

DYLOX 6.2% Insecticide

400-7977.YLD

4 4 7
Base Pre-Reg. (7977)

U.S. LABEL-(S)

Reason to Issue: Label revisions to comply with Worker Protection Standard.

Date of Draft: 09/21/93(Pre-Reg)(S)

DYLOX[®] 6.2% Insecticide Granules

FOR TURF INSECT CONTROL AREA AND PERIMETER TREATMENTS
For Cutworms, Ants, Armyworms, Crickets, Sod Webworms, and White Grubs.

ACTIVE INGREDIENT:

Dimethyl (2,2,2-trichloro-1-hydroxy-ethyl)phosphonate	6.2%
INERT INGREDIENTS:	<u>93.8%</u>
	100.0%

Does Not Destroy Beneficial Insect Populations When Used As Directed.

EPA Reg. No. 3125-400
EPA Est. 3125-MO-1

Net Weight: Pounds

KEEP OUT OF REACH OF CHILDREN

STOP - READ THE LABEL BEFORE USE

CAUTION

(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 explained to you.)~~

MILES 

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 7 1994

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

3125-400

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

May be harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin, eyes and clothing. Do not breathe dust. ~~Wash thoroughly after handling and before eating or smoking. Wash contaminated clothing with soap and hot water before re-use. Keep children and pets off treated areas until material has been washed to soil surface and grass is dry.~~

Applicators and other handlers must wear:

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

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

STATEMENTS OF PRACTICAL TREATMENT

Organophosphate

If swallowed: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention immediately.

If on skin: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.

If in eyes: Flush eyes with plenty of water. Get medical attention immediately.

NOTE TO PHYSICIAN: Prolonged exposure will cause cholinesterase depression. Atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, and wildlife and is extremely toxic to aquatic invertebrates. Do not apply when weather favors drift from treated areas. Do not apply where runoff is likely to occur. Birds feeding on treated areas may be killed. 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 contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

BEST AVAILABLE COPY

DIRECTIONS FOR USE

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

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 regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

"Non-Agricultural Use Requirements"

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not allow children or pets on treated areas until material has been sprinkled in and the grass is dry.

IMPORTANT: Read these entire Directions for Use and Conditions of Sale before using DYLOX 6.2% Insecticide Granules.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MILES OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

SURFACE INSECTS

SURFACE FEEDING CUTWORMS, ANTS, ARMYWORMS, CRICKETS, TEXAS HARVESTER ANTS.

ORNAMENTAL TURF: Area Treatment - Use a suitable lawn type fertilizer spreader to apply 18 to 27 lbs. DYLOX 6.2% Granules per acre. (Equivalent to .4 to .6 pounds actual granules per 1,000 sq. ft. (or 1.1 to 1.65 lbs. Active Ingredient acre). Use a Scott Lawn Spreader Setting of #3 to 3-1/2; or a Cyclone B-1 Setting of #2-1/2 to 2-3/4. Application should be made when grass is dry. Water lawn lightly after application. Repeat as needed for continued control.

Perimeter Treatment - For treatment around the outside of Residential and Commercial Buildings to control the above mentioned insects treat a 4 to 6 foot wide band surrounding the building by applying 1/2 to 1 pound granules per 1,000 sq. ft. of surface. Use an appropriate hand-held Fertilizer Spreader or other suitable spreading equipment or a shaker top container to give even distribution of the granules. Do not apply by hand. Repeat as needed for continued control. Lightly sprinkle area to wash granules to soil surface. ~~Keep children and pets off treated area until dry.~~

CONTROL OF ROOT FEEDING INSECTS IN TURF. FOR ROOT FEEDING "White Grub" insect larvae of JAPANESE BEETLE, EUROPEAN CHAFER, & SOUTHERN CHAFER: Apply 2.95 lbs. per 1,000 sq. ft. of lawn. (Equal to 130 lbs. per acre.) Water granules into turf after application using approximately 15 to 30 gallons per 1,000 sq. ft. For grub control make application any time between late July and early October or when brown dead grass areas indicates damage from these root feeding insects. Repeat as necessary.

BEST AVAILABLE COPY

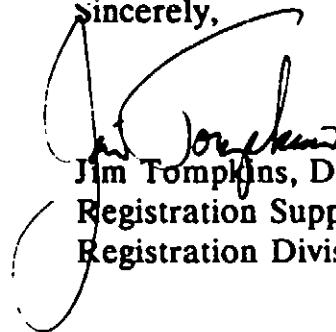
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Arlington, VA 22202

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Tompkins", is written over the typed name and title.

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

Attachment

3046

U.S. LABEL(S)

Reason to Issue: Label revisions to comply with Worker Protection Standard.

Date of Draft: 09/21/93(Pre-Reg)(S)

DYLOX 6.2% Insecticide

DYLOX®
6.2% Insecticide Granules

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For Cutworms, Ants, Armyworms, Crickets, Sod Webworms, and White Grubs.

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EPA Reg. No. 3125-400

EPA Est. 3125-MO-1

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BEST AVAILABLE COPY

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 7 1994

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

3125-400

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BEST AVAILABLE COPY

both

SOD WEBWORMS (Lawn Moth): Sod Webworms are capable of destroying large areas of turf. They live through the winter as a larvae and change to a moth in May. Eggs are deposited very soon throughout the lawn and new worms hatch in May. By killing this first brood it is possible to reduce the larvae population of later broods and therefore reduce turf damage.

How to Apply: Turf should be free of troublesome thatch which encourages insects. Rake or de-thatch the area and remove the debris to expose insect hiding places. Water the lawn and cut to proper height. Apply granules as recommended and sprinkle the area to move the insecticide down to the soil surface where insects feed.

How Much to Apply: For control of Sod Webworms apply at the rate of 2 lbs. per 1,000 sq. ft. of turf. This is equivalent to 88 pounds per acre. Apply with a Scott Spreader setting of #4-1/2; Cyclone B-1.....#3-3/4.

When to Apply: Treat in the spring (mid-May to June) or when your lawn program calls for a Surface Insect Control Application. Repeat as the program indicates or as needed for control. Sod webworms may have 3 to 4 generation of larvae in 1 year which may require additional treatments at 40 to 50 day intervals during the summer months. Lightly sprinkle the area to move the insecticide down into the insect feeding zone. ~~Do not allow children or pets on treated areas until material has been sprinkled in and the grass is dry.~~

SPREADER SETTINGS*			
Spreader Model	Pounds of Granules/1,000 sq ft		
	.4 to .6 lb	2 lb	2.95 lb
Scotts (Lawn Model)	3 to 3-1/2	4-1/2	5
Cyclone Model B	2-1/2 to 2-1/4	3-3/4	4

INSECT CONTROL DEPENDS ON APPLYING THE PROPER AMOUNT

NOTE: Broadcast spreaders such as the Cyclone and Whirlybird are dependent on rate of walking and turning speed of the broadcast unit. Carefully calculate the area to be treated and make certain the proper number of pounds is applied to the area.

*Settings are for spreaders in new condition. Spreaders will vary and must be checked for accuracy.

CALIBRATE YOUR SPREADER

If you have reason to believe that your spreader is not calibrated correctly, test apply by placing the amount for 500 sq. ft. into your spreader and apply to your pre-measured 500 sq. ft. (5 feet wide by 100 feet long equals 3 passes with a 20 inch Scott Lawn Spreader). After test applying if you still have material left in the spreader increase (open) the spreader by * number. If you have run out before covering the 500 sq. ft. decrease (close) the spreader by * number. Also consult your Spreader Instruction Chart.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

HOUSEHOLD: Do not re-use empty container. Wrap and put in trash.

STORAGE: Store product in its original labeled container in a cool, dry, locked place out of reach of children.

BEST AVAILABLE COPY

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