

3125-507



1/30/2001
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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JAN 30 2001

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Scott A. Kohne
Senior Registration Scientist
Bayer Corporation
8400 Hawthorn Road
Kansas City, MO 64120

Dear Mr. Kohne:

Subject: Label Amendment: Miscellaneous modifications
Dylox Grub Control Insecticide (Trichlorfon).
EPA Reg. No. 3125-507
Submission dated October 31, 2000, **acceptable with comments.**

The Agency has reviewed your submission for a label amendment and the following comments apply:

- 1) The product label must specify under the product name or under the First Aid that it is an organophosphate insecticide.
- 2) The agency strongly recommends that your re-entry statement under the directions for use "do not allow children or pets on treated lawn until grass has been watered and allowed to dry" should be made more visible, by putting it in bold letters and/or color.

A stamped copy of the label "accepted with comments" is enclosed for your records.
Please submit three (3) copies of the final printed label for our files prior to releasing the product for shipment. If you have any questions please call me at (703) 308-8328.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Akiva Abramovitch".

Akiva Abramovitch, Ph.D.
Chemist
Insecticide/Rodenticide Branch
Registration Division (7505C)

Internet Address (URL) • <http://www.epa.gov>

Recycled/Recyclable • Printed with Vegetable Oil Based Inks on Recycled Paper (Minimum 30% Postconsumer)

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Reason to Issue: To revise based on EPA letter.

Date of Draft: 05/26/99 (S)
Supersedes Pre-Reg Draft Dated: 04/23/99

[FRONT PANEL]

Dylox[®] Grub Control

Insecticide**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

READY-TO-USE

JAN 30 2001

DYLOX is a fast-acting insecticide which kills

- white grubs,
- mole crickets,
- sod webworms, and
- cutworms.

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

3125-507

For Use On: Lawns

- Kills Grubs within 24 hours
- Delivers Overnight Results
- Nothing Kills Grubs Faster
- Stops Grubs From Further Damaging Lawn
- For Use After First Signs of Grubs
- Degrades Quickly – Does Not Linger
- Also Controls Sod Webworms, Mole Crickets, Cutworms
- Contains Dylox

Net Contents: 15 lbs (30 lbs)

Treats 5,000 (10,000) sq ft

ACTIVE INGREDIENT:

Trichlorfon 6.2%

OTHER INGREDIENT* 93.8%

KEEP OUT OF REACH OF CHILDREN**FOR OUTDOOR RESIDENTIAL USE****CAUTION****See back panel for ingredients and precautionary statements**

[BACK PANEL]

READ THE LABEL FIRST!

Quick Facts (Product Facts)	
<ul style="list-style-type: none"> • Easy-To-Use Granules • Kills Grubs within 24 hours • Stops Grubs From Further Damaging Lawn • For Use After First Signs of Grubs • Degrades Quickly – Does Not Linger 	
KILLS	White Grubs (ART: WHITE GRUB) (larvae of chafers and Japanese beetles) Mole Crickets (ART: MOLE CRICKET) Sod Webworms and Cutworms
COVERAGE	This bag covers 5,000 sq ft (15 lb bag) (white grubs, mole crickets) 7500 sq ft (Sod webworms, cutworms) [15 LB BAG] This bag covers 10,000 sq ft (15 lb bag) (white grubs, mole crickets) 15,000 sq ft (Sod webworms, cutworms) [30 LB BAG]
WHERE TO USE	Lawns
WHEN TO USE	When grubs are present
HOW MUCH TO USE	See spreader settings
(ART: GRAPHIC OF PHONE)	Questions or comments, call toll-free (877) 229-3725 www.AdvancedLawn.com

Ingredients

ACTIVE INGREDIENT:

Trichlorfon	6.2%
OTHER INGREDIENT*	93.8%
	100.0%

* Other ingredient is Corn cob granules

Trichlorfon is the chemical name for Dylox®

EPA Reg. No. 3125-507

EPA Est. No. XXXX-AA-XX

PRECAUTIONARY
STATEMENTS
CAUTION

Hazards to Humans and Domestic Animals

- Harmful if swallowed
- Do not breathe dust
- Avoid contact with eyes, skin or clothing
- Do not apply with hand-held or chest-mounted spreader
- May cause allergic skin reactions in some people
- Wash thoroughly after handling and before eating or smoking

First Aid

IN THE CASE OF ACCIDENTAL...	IMMEDIATELY...
Swallowing	If the person is able to swallow: <ul style="list-style-type: none"> • Have them sip 1 to 2 glassfuls of water • Call a doctor or poison control center for further treatment advice
Contact with eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water. • Continue to rinse eye for 10 to 15 minutes. • Call a doctor if irritation persists.
Inhalation	<ul style="list-style-type: none"> • If breathing is affected, move person to fresh air • Contact doctor or poison control center for further treatment advice • If not breathing, call an ambulance and give artificial respiration.
NOTE: When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may call (877) 229-3763 for medical emergency information. Active Ingredient: Trichlorfon [CAS # 52-68-6] 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.	

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DYLOX Grub Control Insecticide

Environmental Hazards

- This pesticide is toxic to fish, bird and wildlife. Do not apply directly to water.
- Do not contaminate water when cleaning equipment or disposing of equipment wash water.
- Apply this product only as specified on this label.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For best results, read and follow all label directions.

Before You Use

Read and follow these directions when using.

- Do not apply near fish pools, ponds, streams or lakes.
- Do not apply to waterlogged soil.
- Water grass as soon as possible after application to move product to root zone where insects feed.
- Do not allow children or pets on treated lawn until grass has been watered and allowed to dry.

How to Use

TO CONTROL	WHEN TO APPLY
Grubs	Apply when grubs are present
Mole Crickets	Apply when mole crickets are present
Cutworms Sod Webworms	Mid-May through Mid-June

LAWNS

How Much: See Spreader Settings Adjust spreader to the proper setting (see Spreader Settings). (ART)	To be sure you cover the entire area uniformly, first treat the border of the lawn then fill in the center. Make parallel passes, walking at a steady pace to ensure even distribution of the granules. (ART)	Water thoroughly after applying. (ART)
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FOR BEST RESULTS

- The best time to kill grubs is July through September, when they are young and actively feeding near the soil surface.
- Water thoroughly within 24 hours after applying.
- Do not mow until the granules are watered into the soil.
- Avoid applying DYLOX Grub Control Insecticide to waterlogged areas, as this may decrease the product's effectiveness.
- You may spread DYLOX Grub Control Insecticide over soil or mulch. If present, remove weed barrier before applying.

SIGNS OF DAMAGE TO LAWNS (grubs)

White grubs cause extensive damage to lawns by feeding on grass roots. Grass turns yellow, then brown and dies. Grubs chew off roots so that the grass is easily pulled up in pieces with your hands.

You can roll it back like a carpet to reveal the grubs. If patches of dead grass appeared in your lawn late last summer, check for grubs.

SIGNS OF DAMAGE TO LAWNS (mole crickets)

Mole crickets often cause extensive damage by tunneling through lawns. Some species also feed on roots. Tunneling uproots the grass so it easily dries out. Lawns turn yellow, become thin, weedy and can eventually die.

SIGNS OF DAMAGE TO LAWNS (sod webworms and cutworms)

Sod webworms and cutworms damage lawn by cutting blades of grass near the ground. Small brown patches will appear. Cutworms can also be seen in the lawn. Webworms nest down in the thatch layer, coming up to feed at night.

DYLOX Grub Control Insecticide

HOW IT WORKS

DYLOX Grub Control Insecticide is intended to be used when insects and grubs are present. After granules are watered in, insects are killed on contact. The active ingredient then degrades quickly.

Spreader Settings

If your spreader is not listed, please call our Consumer Service Hotline toll-free (877) 229-3725 for help.

Rate for Grubs and Mole Crickets: 3 lbs per 1,000 sq ft

Rate for Sod Webworms and Cutworms: 2 lbs per 1,000 sq ft

SPREADER	SETTING*	
	To Deliver 3 lbs per 1,000 sq ft	To Deliver 2 lbs per 1000 sq ft
Vigoro Drop Vigoro Rotary Sta-Green Drop Sta-Green Rotary Bandini Ev-N-Spread Rotary Ortho Drop Ortho Rotary Precision Drop Precision Rotary Quaker Rotary Republic EZ Drop Republic EZ Grow Republic EZ Rotary Scotts Drop Scotts Accugreen Scotts Easygreen Scotts Evengreen Scotts Speedy Green True Temper Rotary ADD: NEW TWO-IN-ONE SPREADERS	Spreader settings TBD	Spreader settings TBD
<p>* Settings are approximate. The condition of your spreader, the speed at which you walk and uneven terrain may affect the rate of application. Calibrate your spreader according to manufacturer's directions. Tip: 1000 sq ft = 20 ft x 50 ft Do not use a spreader that applies granules in narrow, concentrated, or uneven bands. Be sure the spreader works properly and spreads granules evenly.</p>		

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STORAGE AND DISPOSAL

IMPORTANT: Directions for Storage and Disposal

Storage Conditions

Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet.

Disposal

- Do not contaminate water, food, or feed by storage or disposal.
- Do not reuse empty product bags.
- Securely wrap the empty product bag in several layers of newspaper and place bag in trash.

Important: It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow any applicable state or local guidelines.

NOTICE

Research and testing has determined that the "Directions for Use" are appropriate for the proper use of DYLOX Grub Control Insecticide under expected conditions. The Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.