

PM 21 REG# 3125-349 (1/4)

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JUL 11

Mr. John S. Thorton  
Mobay Corporation  
P.O. Box 4913  
Kansas City, MO 64120

Dear Mr. Thorton:

Subject: DYRENE 4 Turf Fungicide  
EPA Registration No. 3125-349  
Your Submission Dated June 13, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable however, there is a typographical error in the fifth paragraph under "Use in chemigation systems". Change to read "when the water pump motor stops".

The new statement "Do not contaminate water when disposing of equipment washwaters" should replace the old one. Please delete the old statement.

Sincerely yours,

Lois A. Rossi  
Product Manager (21)  
Fungicide- Herbicide Branch  
Registration Division (IS-767C)

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ACCEPTED  
WITH COMMENTS  
to EPA Letter Dated

JUN 11 1985

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

3125-349



for control of  
turf diseases

ACTIVE INGREDIENT  
4-(6-Dichloro-N-(2-chlorophenyl)-  
1,3,5-triazin-2-yl)amine  
INERT INGREDIENTS

38%  
62%  
100%

Contains 4 pounds of 4-(6-Dichloro-N-(2-chlorophenyl)-  
1,3,5-triazin-2-yl)amine per gallon  
EPA Reg. No. 3125-349  
EPA Est. 3125-MO-1

Store in a cool, dry place.

Keep out of reach of children.

**WARNING**

(See Side Panel for Statements of Practical Treatment  
and other Precautionary Statements)

NET CONTENTS 2 1/2 GALLONS

Mobay Corporation  
A SQUIBBI USA INC COMPANY



Agricultural Chemicals Division  
Specialty Products Group  
Box 4913, Kansas City, Mo. 64120

STOP — Read the label before use.

**Aviso.**

PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que le explique la haya sido explicada en su idioma.  
(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

**Directions for use.**

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

Keep children and pets off treated areas until foliage is dry. Do not graze treated areas. Do not feed chickens to livestock.

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using DYPENE 4 Turf Fungicide.

**CONDITIONS OF SALE:** The directions on the 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 sold. Inefficient control of pests and/or crop 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. Mobay 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 Mobay and are, therefore, the responsibility of the buyer.

DYPENE 4 Turf Fungicide effectively protects grasses from various destructive diseases. Applications can be made using conventional hand or motor sprayer equipment normally used for application of fungicides to large turf areas. Low-volume application equipment such as backpack sprayer equipment can also be used as long as the amount of water used is sufficient to ensure adequate coverage of the turf area. When applications to small areas are necessary use a hose-end or pump or pressurized sprayer that has been accurately calibrated to deliver adequate amounts of water and the correct rate as shown under the "Recommended Applications" section. Begin applications before diseases appear and repeat treatments as needed usually at intervals of 14 to 21 days, except during extended periods of cool, moist conditions, when applications every 10 days may be advisable.

Schedule applications in accordance with local conditions. Consult your State Agricultural Experiment Station or Extension Service for specific use information and for State regulations which may contain additional restrictions or requirements.

DYPENE is a Reg. TM of Mobay Corporation  
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**Use in chemigation systems:**

Apply DYRENE 4 Turf Fungicide only through solid set irrigation systems. Do not apply the 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 pipe-line 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 towards 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 the pesticide distribution is adversely affected.

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

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

Crop injury or lack of effectiveness can result for 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-precautioned 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.

Pre-mix the required amount of DYRENE 4 Turf Fungicide, as determined under "Recommended Applications," in sufficient water to uniformly wet the entire mixture during the last 5 minutes of the irrigation cycle using a positive pressure pumping system. Continuous agitation of the mixture in the holding tank is required to maintain suspension of the product. The injection must occur during the last 5 minutes of the irrigation cycle.

during the last 5 minutes of the irrigation cycle

**RECOMMENDED APPLICATIONS FOR LAWNS AND TURF**

DISEASE	Fluid Ounces per 1000 sq. ft.	REMARKS
Leafspot Minting out Leaf blight Root, Crown, & Rhizome Rot (Helminthosporium spp. Drechslera)	2 or 4 fl. oz.	Apply the low rate at 2-week intervals or the high rate at 4-week intervals.
Spot Brown Patch Jockey Spot Rusts	4 to 8 fl. oz.	Repeat at 10- to 14-day intervals throughout the summer months. Use the higher rate and shorter interval when conditions for disease development are most severe.
Gray Snow mold (Typhula incarnata)	4 fl. oz.	Apply DYRENE 4 Turf Fungicide at the specified rate after the first killing frost in the fall. A second application should be made when the turf is free of snow in mid-winter, and this should be followed by a third application after the first melting of snow in late winter or early spring.

NOTE: Apply the specified amount of DYRENE 4 Turf Fungicide in 2 to 4 gallons of water per 1000 sq. ft. For equivalent rates per acre see Conversion Table below. Make all applications after mowing and allow foliage to dry thoroughly before irrigation.

**CONVERSION TABLES**

FLUID OUNCES per 1000 sq. ft.	=	Pints Per Acre
2	=	55
4	=	11
8	=	22

  

FLUID OUNCES	=	TABLESPOONFULS
1	=	2
2	=	4
4	=	8
8	=	16

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**Precautionary statements.**

**Hazards to humans and domestic animals.**

**Warning.**

Causes substantial but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes or on skin or on clothing. Keep out of reach of children.  
Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse. Wear goggles or face shield when handling.  
NOTE: Protective clothing should be worn during periods of exposure, such as during application or when collecting treated foliage. DYPRENE may cause an allergic skin reaction in some susceptible persons. This condition should be treated as an allergic dermatitis.  
SYMPTOMS OF POISONING: No specific symptoms. Acute poisoning is accompanied by general depression and drowsiness. In case of poisoning, call a physician immediately. Have patient lie down and keep quiet.

**Statements of practical treatment.**

If swallowed, administer water freely and induce vomiting by giving one dose (½ oz. or 15 ml) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Get medical attention immediately. If on skin, wash skin immediately with soap and warm water. If emulsion occurs, get medical attention. If eyes are contaminated, wash with plenty of water for at least 15 minutes. Get medical attention. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.  
TO PHYSICIAN: No specific antidote is available. Treat symptomatically.

**Environmental hazards.**

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not use on water bodies.

**Storage and Disposal.**

Do not contaminate water, food or feed by storage or disposal.  
Household: Do not reuse container. Rinse thoroughly before discarding in trash. Securely wrap original container in several layers of newspaper and discard in trash.  
Pesticide Disposal (Except household): Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
Container Disposal (Except household): Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or 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 leakage. If container is leaking (even if treated or sealed), carefully clean up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing-type compounds and dispose of as labeled. Refer to label and MSDS. In spill or leak incidents, keep unauthorized people away. You may contact the Mobay Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Mobay Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrac at 800-424-9300.