



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Russell Sawyer
Riverdale Chemical Company
1333 Burr Ridge Parkway, Suite 125A
Burr Ridge, IL 60521-0866

NOV - 5 2001

Dear Mr. Sawyer:

Subject: Amendment - Comply with 2000 Diazinon MOA
Update First Aid per PR Notice 2001-1,
And Update CSF/replacement diazinon source
Riverdale Lawn Insect Killer Plus Fertilizer
EPA Registration Number 228-162
Your submission dated June 22, 2001

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. The **Special Precautions to Reduce Risks to Birds** heading and associated text should appear inside an outline box.
3. Submit three (3) copies of your final printed labeling before you release the product for shipment.
4. Comply with all applicable provisions of the 2000 Memorandum of Agreement Regarding Pesticide Products Containing Diazinon (i.e., the Diazinon MOA). In accordance with the Diazinon MOA you have requested the following revisions to the conditions of registration for this diazinon product with outdoor non-agricultural (i.e., home and garden) uses:
 - a. You have requested under section 6(f) of FIFRA that this registration be voluntarily canceled on a date not later than December 31, 2004.
 - b. You may not manufacture, label, or release for shipment this product after June 30, 2003.

- c. You may not sell or distribute this product after August 31, 2003.
- d. The registration for this product shall expire and be canceled on December 31, 2004.
- e. You will send to every person who directly purchases this product (i.e., to every seller) a notification of Product Recovery Program to be conducted by Syngenta and Makhteshim after December 31, 2004.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

The Basic Confidential Statement of Formula (CSF) dated June 22, 2001 which identifies a replacement diazinon source Manufacturing Use Product is acceptable and has been added to this product's registration file.

Sincerely,

George T. LaRocca
 Product Manager 13
 Insecticide Branch
 Registration Division (7505C)

RIVERDALE

LAWN INSECT KILLER
PLUS FERTILIZER

Controls these insects in turf: European Chafer, Japanese Beetle Grub, Sod Webworm, Chinch Bug and many others.

See back panel for complete list of pests controlled.

This package treats up to 6,500 Sq. Ft.

This product must not be used on golf courses and sod farms.

ACTIVE INGREDIENT:

Diazinon: [0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate] . 2.10%

INERT INGREDIENTS: 97.90%
TOTAL 100.00%

GUARANTEED ANALYSIS:

Total Nitrogen (N) X%
X% Ammoniacal Nitrogen
X% Urea Nitrogen
Available Phosphate (P₂O₅) X%
Soluble Potash (K₂O) X%

Primary Plant Foods derived from Ammonium Phosphate, Sulfur Coated Urea, Urea, Triple Super Phosphate, and Muriate of Potash..

Chlorine (Cl) Maximum X%

The urea nitrogen in this product has been coated to provide X% coated slow release urea nitrogen.

Fertilizer guaranteed by (Name of Fertilizer registrant)

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY
AND FIRST AID STATEMENTS

NET WEIGHT - 30 POUNDS

EPA REG. NO. 228-162

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

BURR RIDGE, ILLINOIS 60521-0866

ACCEPTED
with COMMENTS
In EPA Letter Dated:

NOV - 5 2001

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

228-162

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND
DOMESTIC ANIMALS****CAUTION**

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing dust and contact with eyes, skin and clothing. May cause contact sensitization following repeated contact with skin in susceptible individuals. Avoid repeated contact with skin. If sensitization reactions result consult a physician. Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil has dried. Wash thoroughly after handling and before smoking or eating.

FIRST AID STATEMENTS

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase.

- IF SWALLOWED:** 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 or convulsing person.
- IF INHALED:** 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 ON SKIN OR CLOTHING:** 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.
- IF IN EYES:** 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.
- NOTE TO PHYSICIAN:** This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal, and may be administered, but only in conjunction with atropine.
- [EDITOR'S NOTE:** An emergency phone number may also be included at the end of the sentence.]

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of granules. Follow all watering instructions in the directions for use, however, stop watering before puddling occurs. Do not apply this product to sites occupied by waterfowl, or within 75 feet of any body of water that may attract waterfowl, such as ponds or lakes. Do not contaminate ornamental fish ponds. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water. Runoff may be hazardous to fish and other aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Reformulation or repackaging this product is prohibited. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

SPECIAL PRECAUTIONS TO REDUCE RISKS TO BIRDS

1. Do not treat areas larger than 15,000 square feet.
2. Be sure to read and follow the precautions that appear under the heading Environmental Hazards.
3. If it is necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than four applications per year.

CONTROLS THESE INSECTS

Ants	Earwigs
Armyworms	European Chafer
Bermudagrass Mites	Fleas
Bluegrass Billbug	Japanese Beetle
Brown Dog Ticks	Leafhoppers
Chiggers	Millipedes
Chinch Bug	Sod Webworm
Clover Mites	Southern Chafer Grubs
Crickets	Sowbugs
Cutworms	Springtails

OVERALL LAWN APPLICATION

To control the following lawn insects on both grass and dichondra lawns: Chinch Bugs, Earwigs, Ants, Lawn Moths (Sod Webworms), Bermudagrass Mites, Crickets, Armyworms, Brown Dog Ticks, Chiggers, Clover Mites, Cutworms, Fleas, Leafhoppers, Sowbugs, Millipedes and Springtails (Collembola) -

Apply at the rate of 4.6 lbs. per 1000 Square Feet (an area 20' x 50'). For best results, the lawn should be dry before application. Water lawn lightly after application.

To control the following insects in lawns: Billbugs, White Grubs of European Chafer, Japanese Beetle and Southern Chafer -

Apply at the rate of 4.6 lbs. per 1000 Square Feet. Water lawn thoroughly after application. For grub control - make application any time between late July and early October or between late March and early May. For Billbug control - apply when activity is first observed or when chewed or brown grass indicates damage from these insects. Repeat as necessary.

To control:

HYPERODES WEEVIL (NEW YORK ONLY)

Apply 4.6 lbs. per 1000 Square Feet. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

IT IS RECOMMENDED THAT ALL APPLICATIONS BE MADE WITH A FERTILIZER SPREADER

SPREADER SETTINGS FOR OVERALL LAWN APPLICATIONS:

NOTE: The spreader settings listed are approximate. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust your spreader setting if necessary in order to insure the correct rate of application.

SPREADER MAKE ^c	SPREADER SETTING NUMBER
	4.6 lbs. per 1000 Sq. Ft.
Scott Model PF4 Drop Type	5.5
Cyclone Model B Rotary	3.9
Scott Rotary	J

Sweep (do not wash) all fertilizer materials from surfaces immediately after application, because certain fertilizer ingredients can cause permanent stains. Wash out spreader after each use and allow it to dry thoroughly. Treat any exposed metal spreader areas with oil to reduce corrosion.

(The following paragraph is mandatory in Kentucky when the nitrogen analysis does not provide 1 lb. nitrogen/1000 square feet; otherwise, this information is optional.)

A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed, this product will supplement your regular fertilizer program by providing *(No. of lbs.)* pounds of nitrogen per 1,000 square feet (optional P₂O₅ and K₂O levels) and insecticide to control listed insects. Please consult your local extension office for questions regarding a regular fertilizer program.

*Based on Inert fertilizer claimed.

STORAGE AND DISPOSAL

STORAGE: Always use original container to store pesticides and keep any bags containing unused product in locked storage area inaccessible to children and domestic animals. Do not store near feed or foodstuffs. To prevent cross-contamination, do not store near other fertilizers, or near herbicides, insecticides, fungicides or seeds.

PESTICIDE DISPOSAL: To dispose of bag which contains unused product, securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty bag. Fold empty bag and discard in trash.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

(ICI 051701)

OPTIONAL SPREADER INSTRUCTIONS:

(Illustration) For Drop Spreaders: First apply two strips at ends. Then apply product along the length of the lawn, overlapping very slightly and shutting off spreader when turning.

(Illustration) For Rotary Spreaders: Apply in a circular path, starting on the outside and working toward the center, overlapping very slightly.

OPTIONAL MARKETING STATEMENTS

Environmental Benefits

(Grasscycling Logo)

Besides increasing property values, did you know a well-maintained lawn provides the following benefits to your home and environment:

- Grassclippings and yard waste are approximately 20% of the volume in our nation's landfills. To do your part to reduce this amount, leave grass clippings on your lawn. Increased mowing height and frequency will produce smaller grass clippings that will decompose more readily so nutrients go back into your lawn.*
- ✓ A 50' x 50' lawn produces enough oxygen for a family of 4 every day
- ✓ Reduces Glare & Reduces Noise
- ✓ Traps Dust, Smoke Particles & other Pollutants
- ✓ Purifies Water & Modifies Temperature
- ✓ Improves Soil Condition & Controls Erosion

The following note will not be part of the actual label copy.

Note: Guaranteed (fertilizer) Analysis and Spreader Settings will vary among various commercial fertilizer manufacturers. Chlorine declaration is optional except where mandated by State fertilizer regulation.