

9198-62

11-27-2001

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Dawn Walters
The Andersons, Inc.
P.O. Box 119
Maumee, OH 43537

NOV 27 2001

Dear Ms. Walters:

Subject: Amendment - Comply with 2000 Diazinon MOA;
Delete Celery;
Update First Aid per PR Notice 2001-1; and
Update CSF/replacement diazinon source
The Andersons Lawn and Garden Insecticide 5% Diazinon
EPA Registration Number 9198-62
Your submission dated June 12, 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. Revise the front panel use site limitation slightly so that it reads "FOR OUTDOOR USE ON THE HOME LAWN AND THE HOME GARDEN ONLY".
 - b. In the ingredients statement, be sure to align all the percentages (i.e., move "100.00%" slightly to the right).
 - c. Under the heading HOME VEGETABLE GARDENS, revise "Do not apply to food crops grown in greenhouses." to read "Do not apply this product in greenhouses."
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. Please note that this approval pertains only to the Homeowner Use version of the label. It does not apply to the proposed Commercial Use label.

The Basic Confidential Statement of Formula (CSF) dated June 8, 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)

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(FRONT PANEL)
FOR HOMEOWNER USE

(The above is for internal use only and will not appear on the final label copy)

THE ANDERSONS LAWN AND GARDEN INSECTICIDE 5% DIAZINON

**THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS
FOR OUTDOOR USE ON THE HOME LAWN AND IN THE HOME GARDEN ONLY**

ACTIVE INGREDIENT:

Diazinon (CAS No. 333-41-5) 5.00%

OTHER INGREDIENTS 95.00%

Total 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Panel For Additional Precautionary Statements

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
NOV 27 2001**

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
9198-62**

NET WEIGHT 10 LBS.

TREATS 5,000 SQ. FT.

EPA Reg. No. 9198-62
EPA Est. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A
Underlined letter is first letter used in run code on bag

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(BACK PANEL)
FOR HOMEOWNER USE

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NET WEIGHT 10 LBS.
TREATS 5,000 SQ. FT.

THE ANDERSONS LAWN AND GARDEN INSECTICIDE 5% DIAZINON

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye injury. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Do not store near food or feed products. Food utensils such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.

FIRST AID	
This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase.	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice • Have person sip a glass of water if able to swallow • Do not induce vomiting unless told to by a poison control center or doctor • Do not give anything by mouth to an unconscious or convulsing person.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contacts, if present, after the first 5 minutes, then continue rinsing • Call a poison control center or doctor for treatment advice
If inhaled	<ul style="list-style-type: none"> • 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 treatment advice
If on skin	<ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15-20 minutes • Call a poison control center or doctor for treatment advice
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-757-8951 for emergency medical treatment information.	
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.	

(BACK PANEL)
FOR HOMEOWNER USE

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ENVIRONMENTAL HAZARDS

This product 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 granules. For lawns, 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 ft. of any body of water that may attract waterfowl, such as ponds or lakes. Do not apply directly to water. 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 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.

Repackaging and reformulation of this product is prohibited.

THE ANDERSONS LAWN AND GARDEN INSECTICIDE 5% DIAZINON KILLS:

Ants	Chinch Bugs	Fleas	Sowbugs (Pillbugs)
Amyworms	Clover mites	Lawn moths	White grubs of:
Bermuda Grass Mites	Crickets	Leafhoppers	-Japanese Beetle
Billbugs	Cutworms	Millipedes	-European chafer
Brown Dog Ticks	Digger wasps	Springtails	-Southern chafer
Chiggers	Earwigs	Sod Webworm	

OVERALL LAWN APPLICATION

SPECIAL PRECAUTIONS TO REDUCE RISK TO BIRDS
Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. To reduce risk to birds: 1. Do not treat areas larger than 15,000 sq. ft. 2. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20. 3. Do not exceed the maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds, especially waterfowl. 4. Avoid overlapping treated areas. 5. Follow all watering instructions in the directions for use, however, stop watering before puddling occurs. 6. Do not apply this product to sites occupied by waterfowl or to sites within 75 ft. of any body of water that may attract waterfowl, such as lakes or ponds. 7. If it is necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than 4 applications per year.

To control the following lawn insects on both grass and dichondra lawns, this product should be applied at 2 lbs. per 1000 sq. ft.

Ants - Armyworms - Bermudagrass mites - Brown Dog Ticks - Chiggers - Chinch bugs - Clover mites - Crickets - Cutworms - Earwigs - Fleas - Lawn moths(sod webworms) - Leafhoppers - Millipedes - Sowbugs - Springtails(Collembola)

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(BACK PANEL)
FOR HOMEOWNER USE

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Apply with a fertilizer spreader. See spreader setting chart below. Apply when grass is dry, water lightly after application. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year. For applications with other types of equipment, apply at the rate of 2 lbs. per 1,000 sq. ft. (an area 20' by 50') or 3.2 oz. per 100 sq. ft. (an area 10' by 10').

Billbugs; White grubs of Japanese beetle, European chafer, Southern chafer:

Apply 2.0 lbs. per 1000 sq.ft. of lawn. Water grass thoroughly after application, however, stop watering before puddling occurs. For Billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from these insects. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year. For grub control treat any time between late July and early October. Water grass thoroughly with 1/4 in. of water after application, however, stop watering before puddling occurs.

Hyperodes Weevils

Apply 2 lbs. per 1000 sq.ft. of grass. Water grass thoroughly with 1/4 in. of water after application, however, stop watering before puddling occurs. Treat problem areas in mid-April and again in mid-May.

SPREADER SETTINGS

(AVAILABLE AT FINAL PRINTING)

NOTE: Above spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied and roughness of area treated. Calculate the size of area to be treated and do not over or under apply. Be sure to shut off spreader while turning or stopping to prevent accidental over-application and burning of grass. Fill spreader on driveway or sidewalk to eliminate chance of spillage on grass. Do not hand spread.

LAWN SPOT APPLICATION

Digger wasps: Apply 1-1/2 teaspoons of this product in and around each nest opening. Apply at dusk when wasps are not active.

Ants: Apply 1-1/2 teaspoons of this product over and around each ant hill.

HOME VEGETABLE GARDENS

In the home garden, to control certain soil insects on crops listed below, apply this product to the soil at the rate shown for the type of insect pest you want to control and immediately mix thoroughly into the soil to the depth specified. When a range of rates is given, use the higher rate only for heavier infestations. Do not apply this product to food crops grown in greenhouses.

Cutworms (surface and subterranean) - Broccoli, Cabbage, Cantaloupe, Cauliflower, Collards, Cucumbers, Endive (escarole), Kale, Lettuce, Lima Beans (succulent only), Muskmelons, Parsley, Peas (succulent only), Peppers, Potatoes, Snap Beans (succulent only), Spinach, Summer Squash, Swiss Chard, Tomatoes, Watermelons, Winter Squash:

Just before planting, broadcast 7 - 14 oz. per 500 sq. ft. of garden and immediately mix into soil to a depth of 2-3 inches for control of surface cutworms and 3-6 inches for control of subterranean cutworms. If the cutworm cannot be identified, mix into the soil 4-6 inches deep.

(BACK PANEL)
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* Do not use on dried bean varieties, such as pintos, dried limas, navy beans, etc. Do not use on dried pea varieties, such as dried black-eyed peas.

Mole Crickets: Broccoli, Cabbage, Cauliflower, Collards, Endive (escarole), Kale, Lettuce, Mustard, Peppers, Radishes, Strawberries, Tomatoes, Turnips.

1 to 2 days before planting, broadcast 3-1/2 oz. per 500 sq. ft. of garden and immediately mix into soil to a depth of 1 to 2 inches.

Wireworms: Broccoli, Cabbage, Cantaloupe, Carrots, Cauliflower, Collards, Corn, Cucumbers, Endive (escarole), Kale, Lettuce, Lima Beans (succulent only), Muskmelons, Onions, Parsley, Peas (succulent only), Peppers, Snap Beans (succulent only), Spinach, Summer Squash, Sweet Potatoes, Swiss Chard, Tomatoes, Watermelons, and Winter Squash.

Just before planting, broadcast 10-1/2 to 14 oz. per 500 sq. ft. of garden and immediately mix into the soil to a depth of 4 to 8 inches.

STORAGE AND DISPOSAL

STORAGE: Store in original container in a cool, dry well-ventilated area inaccessible to children and domestic animals. Do not store near fertilizers, herbicides, other insecticides, seeds, food or feed.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty bag. Discard bag in trash.

WARRANTY DISCLAIMER and LIMITATION of LIABILITY:

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Where permissible, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted. (AP012881/Rvmoa053101)

Manufactured by:
The Andersons Lawn Fertilizer Division, Inc.
d/b/a Free Flow Fertilizer
P.O. Box 119
Maumee, OH 43537

Optional Marketing Text:

- For use on lawns and gardens
- controls a wide range of destructive insects
- contains 5% Diazinon
- Kills Bugs
- For Soil & Turf Insect Control

(BACK PANEL)
FOR HOMEOWNER USE

(The above is for internal use only and will not appear on the final label copy)

- Kills ant, brown dog ticks, crickets, cutworms, earwigs, grubs, millipedes, sowbugs (pillbugs), wireworms, and others.
- Green Thumb Satisfaction Guarantee
- This product is designed especially for outdoor control of ants and other listed crawling insects. It is effective as a preplant treatment for control of cutworms and wireworms in vegetable gardens. It also offers excellent protection against major lawn insects in both grass and dichondra lawns. Kills ants, brown dog ticks, crickets, cutworms, earwigs, grubs, millipedes, sowbugs (pillbugs), wireworms and others.

Optional Spreader Directions:

Directions:

1. Close spreader hopper.
2. Adjust the spreader setting using the spreader suggestions chart.
3. Fill spreader on driveway or sidewalk to eliminate the chance of spillage on the lawn.
4. Apply product to lawn. Refer to Path A when using a broadcast spreader and Path B when using a drop spreader. Close the spreader hopper whenever spreader stops or turns.
5. If using a broadcast spreader, avoid spreading product into adjacent landscape, flowers or vegetable plantings.

('Path A' diagram)

('Path B diagram')

(Property diagram)

Coverage: This bag should cover approximately 10,000 sq. ft. (100 ft. x 100 ft.) Refer to the table and picture to determine the size of your lawn.

Coverage Chart

_____ Length
 x _____ Width
 = _____ Total Sq. Ft.
 - _____ Non-Lawn Areas
 = _____ Total Sq. Ft. Coverage You Need

Broadcast Spreaders: For best results, apply in a circular path starting on the outside and working toward center. A little overlap of product will ensure complete coverage.

Drop Spreaders: First, apply 2 border strips along the edge of each end of the lawn. Then apply product along the length of the lawn, overlapping slightly and shutting off the spreader before turning as you reach the edge of the border strips.

It is important to follow the directions as indicated on this quality lawn care product as over-application may cause injury to your lawn. Measure the size of the area to be treated and do not over or under apply. Calibrate spreader prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing uniformly. Close spreader when filling, stopping or turning. Do not hand spread.

Date Printed:	5/31/01
Date Approved:	07/08/96
Supersedes:	08/14/95
Label change:	Diazinon MOA – revise First Aid statement/add no formulation statement/delete celery
Filename:	9198-62H
Label code:	AP012881/Rvmoa053101