

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 14 1995

Mr. Daniel Paradiso, Jr.
The Andersons
P.O. Box 119
Maumee, OH 43537

Dear Mr. Paradiso:

Subject: Amendment- Revise per Diazinon Registration Standard
The Andersons Turf Food with 3.75% Diazinon
EPA Registration No. 9198-44
Your submission dated March 25, 1994

This 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. For the commercial label, the limitation should read "For Commercial use" rather than "for Commercial use only.". There is nothing in this products application directions or precautions that differentiate this from a homeowner product other than your intended marketing.

b. The proposed Worker Protection Standards (WPS) limitations "Not for use on turf grown for sod.... research purpose." Must not appear on the homeowner label and is also unnecessary on the commercial label since the front panel use limitation "For outdoor use on the home lawn only" excludes ~~the product~~ from any other WPS

labeling requirements.

SYMBOL	25036						
SURNAME	110						
DATE	8/15/95						

c. Under the ENVIROMENTAL HAZARDS change "Birds, especially waterfowl," to "Birds, especially waterfowl (ducks or geese),".

d. Under the ENVIROMENTAL HAZARDS change "Where irrigation...stop watering before puddling occurs" to "Follow all watering instruction 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."

e. On the back panel change "Sowbugs" to "Sowbugs (Pillbugs)".

f. Under OVERALL LAWN APPLICATION, replace "Precautions...before puddling occurs." with the following, which should appear in an outline box, directly under the heading 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."

g. Under OVERALL LAWN APPLICATION for Ants...(Collembola change "Repeat as necessary" to "Water lightly after application. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year."

h. Under OVERALL LAWN APPLICATION for Billbugs...(dung beetle) change "Repeat as necessary" to "If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year."

i. Under OVERALL LAWN APPLICATION for Billbugs...(dung beetle) change "Water grass thoroughly with 1/4-1/2 in. of water after application " to read "Water grass thoroughly with 1/4 in. of water after application, however, stop watering before puddling occurs."

3 of 15

j. Under OVERALL LAWN APPLICATION for Hypèrodes Weevils change "Water grass thoroughly...puddling occurs" to read "Water grass thoroughly with 1/4 in. of water after application, however, stop watering before puddling occurs."

k. Change STORAGE AND DISPOSAL to read "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."

3. Submit three (3) copies of your final printed labeling before you release the product for shipment.

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.

Your current Confidential Statement of Formula (CSF) does not list the impurities of toxicological concern separately nor does it include the diazinon certification for FIFRA Sec. 12(a)(1)(C), that the description of this product refers to the composition set forth on the CSF and supporting materials as required by the Diazinon Registration Standard, as well as the certification regarding the determination of the certified limits of the toxicological significant impurities, i.e., reliance on your diazinon supplier's analysis of their technical. Please check with each of your diazinon suppliers in this regard and update your CSF accordingly.

We note that you list two different suppliers for diazinon. For each supplier you must submit separate CSF forms because the impurities of toxicological concern for diazinon are different for each technical.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

4 9 15

(FRONT PANEL)

HOMEOWNER USE ONLY

THE ANDERSONS FERTILIZER

WITH 3.75% DIAZINON

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS

FOR OUTDOOR USE ON THE HOME LAWN ONLY

ACTIVE INGREDIENT:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)
phosphorothioate 3.75%

INERT INGREDIENTS 96.25%
TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Panel For Additional Precautionary Statements

NET WEIGHT 40 LBS.

Treats up to 14,900 Sq. Ft.

ACCEPTED
with COMMENTS
in EPA Letter Dated

AUG 14 1995

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

9198-44

4

5 7 15

(BACK PANEL)

HOMEOWNER USE ONLY

NET WEIGHT 40 LBS.

TREATS UP TO 14,900 SQ. FT.

THE ANDERSONS FERTILIZER

WITH 3.75% DIAZINON

GUARANTEED ANALYSIS

Total Nitrogen (N)	XX.X%
Available Phosphoric Acid (P2O5)	XX.X%
Soluble Potash (K2O)	XX.X%

Primary Plant Foods Derived From: Urea, Sulfate of Potash, Ammoniated Phosphates.

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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

5

6 7 15

(BACK PANEL)

HOMEOWNER USE ONLY

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

IF INHALED: Remove victim to fresh air and apply artificial respiration, if indicated.

IF ON SKIN: Wash promptly with soap and water. Rinse thoroughly.

IF IN EYES: Rinse eyes with plenty of water and call a physician immediately.

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.

ENVIRONMENTAL HAZARDS

This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl 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. Where irrigation (watering) is recommended in the directions or if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of 1/4 inch of water immediately after applying this product. Stop irrigation before puddling occurs. DO NOT APPLY 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.

6

7 of 15

(BACK PANEL)

HOMEOWNER USE ONLY

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

THIS PRODUCT WILL CONTROL:

- | | | |
|---------------------|--------------|-------------------|
| Ants | Crickets | Springtails |
| Armyworms | Cutworms | Sod Webworms |
| Bermuda Grass Mites | Digger wasps | Sowbugs |
| Billbugs | Earwigs | White grubs of: |
| Brown Dog Ticks | Fleas | - Japanese Beetle |
| Chiggers | Lawn moths | - European chafer |
| Chinch bugs | Leafhoppers | - Southern chafer |
| Clover mites | Millipedes | |

OVERALL LAWN APPLICATION

To control the following lawn insects on both grass and dichondra lawns, this product should be applied at 2-2/3 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)

Apply this product with a fertilizer spreader. See spreader setting chart below. Apply when grass is dry. Repeat as necessary. For applications with other types of equipment, apply at the rate of 2 2/3 lbs. per 1,000 sq. ft. (an area 20' by 50') of 4.3 oz. per 100 sq. ft. (an area 10' by 10').

Precautions: Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping treated areas. Where thorough watering after application is recommended in the directions, or if waterfowl, i.e., ducks or geese, can be expected to enter the treated area after treatment (except spot treatments), apply a minimum of 1/4 inch of water immediately after application, however, stop watering before puddling occurs.

8 7 15

(BACK PANEL)

HOMEOWNER USE ONLY

Billbugs; White grubs of Japanese beetle, European chafer, Southern chafer: Apply 2-2/3 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. Repeat as necessary. For grub control treat any time between late July and early October. Water grass thoroughly with 1/4-1/2 in. of water after application. Treat again in late Summer or early Fall if a second generation occurs.

Hyperodes Weevils

Apply 2-2/3 lbs. per 1000 sq.ft. of grass. Water grass thoroughly after application, however, stop watering before puddling occurs. Treat problem areas in mid-April and again in mid-May.

SUGGESTED SPREADER SETTINGS

(Settings will be available for final printing of the label)

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.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies. **PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper, and discard in trash. **CONTAINER DISPOSAL:** Do not reuse bag. Discard bag in trash.

9 9 15

(BACK PANEL)

HOMEOWNER USE ONLY

WARRANTY STATEMENT

MANUFACTURER warrants that this product (1) conforms to the ingredient statement on the label and (2) is reasonably fit for the purposes set forth in the Directions for Use. EXCEPT AS SO WARRANTED, THE PRODUCT IS SOLD AS IS. MANUFACTURER MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.

The manufacturer's directions regarding use of this product are based upon tests believed to be reliable. All statements made concerning this product apply only when used as directed, under normal use conditions. FOLLOW DIRECTIONS CAREFULLY. Timing and method of application, weather and turf conditions, mixture with other chemical not specifically recommended and other influencing factors in the use of this product are beyond the control of the manufacturer.

Manufactured by: The Andersons
Lawn Fertilizer Division
P.O. Box 119
Maumee, OH 43537

Date Printed: 01/24/94
Date Approved:
Supersedes:
Label Change:

9

10 of 15

(FRONT PANEL)

COMMERCIAL USE ONLY

THE ANDERSONS FERTILIZER

WITH 3.75% DIAZINON

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOG FARMS

FOR OUTDOOR USE ON THE HOME LAWN ONLY

ACTIVE INGREDIENT:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)
phosphorothioate 3.75%

INERT INGREDIENTS 96.25%
TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Panel For Additional Precautionary Statements

NET WEIGHT 40 LBS.

Treats up to 14,900 Sq. Ft.

ACCEPTED
with COMMENTS
in EPA Letter Dated

AUG 14 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended for the pesticide
registered under EPA Reg. No.
9198-44

11 7 15

(BACK PANEL)

COMMERCIAL USE ONLY

NET WEIGHT 40 LBS.

TREATS UP TO 14,900 SQ. FT.

THE ANDERSONS FERTILIZER

WITH 3.75% DIAZINON

GUARANTEED ANALYSIS

Total Nitrogen (N)	XX.X%
Available Phosphoric Acid (P2O5)	XX.X%
Soluble Potash (K2O)	XX.X%

Primary Plant Foods Derived From: Urea, Sulfate of Potash, Ammoniated Phosphates.

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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

11

12 7 15

(BACK PANEL)

COMMERCIAL USE ONLY

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

IF INHALED: Remove victim to fresh air and apply artificial respiration, if indicated.

IF ON SKIN: Wash promptly with soap and water. Rinse thoroughly.

IF IN EYES: Rinse eyes with plenty of water and call a physician immediately.

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.

ENVIRONMENTAL HAZARDS

This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl 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. Where irrigation (watering) is recommended in the directions or if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of 1/4 inch of water immediately after applying this product. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. 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.

12

(BACK PANEL)

COMMERCIAL USE ONLY

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

THIS PRODUCT WILL CONTROL:

- | | | |
|---------------------|--------------|-------------------|
| Ants | Crickets | Springtails |
| Armyworms | Cutworms | Sod Webworms |
| Bermuda Grass Mites | Digger wasps | Sowbugs |
| Billbugs | Earwigs | White grubs of: |
| Brown Dog Ticks | Fleas | - Japanese Beetle |
| Chiggers | Lawn moths | - European chafer |
| Chinch bugs | Leafhoppers | - Southern chafer |
| Clover mites | Millipedes | |

OVERALL LAWN APPLICATION

To control the following lawn insects on both grass and dichondra lawns, this product should be applied at 2-2/3 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)

Apply this product with a fertilizer spreader. See spreader setting chart below. Apply when grass is dry. Repeat as necessary. For applications with other types of equipment, apply at the rate of 2 2/3 lbs. per 1,000 sq. ft. (an area 20' by 50') of 4.3 oz. per 100 sq. ft. (an area 10' by 10').

Precautions: Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping treated areas. Where thorough watering after application is recommended in the directions, or if waterfowl, i.e., ducks or geese, can be expected to enter the treated area after treatment (except spot treatments), apply a minimum of 1/4 inch of water immediately after application, however, stop watering before puddling occurs.

14 7 15

(BACK PANEL)

COMMERCIAL USE ONLY

Billbugs; White grubs of Japanese beetle, European chafer, Southern chafer: Apply 2-2/3 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. Repeat as necessary. For grub control treat any time between late July and early October. Water grass thoroughly with 1/4-1/2 in. of water after application. Treat again in late Summer or early Fall if a second generation occurs.

Hyperodes Weevils

Apply 2-2/3 lbs. per 1000 sq.ft. of grass. Water grass thoroughly after application, however, stop watering before puddling occurs. Treat problem areas in mid-April and again in mid-May.

SUGGESTED SPREADER SETTINGS

(Settings will be available for final printing of the label)

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 spr ader 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.

14

(BACK PANEL)

COMMERCIAL USE ONLY

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs, and domestic water supplies. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal Law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **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 or local authorities, by burning. If burned, stay out of smoke.

WARRANTY STATEMENT

MANUFACTURER warrants that this product (1) conforms to the ingredient statement on the label and (2) is reasonably fit for the purposes set forth in the Directions for Use. EXCEPT AS SO WARRANTED, THE PRODUCT IS SOLD AS IS. MANUFACTURER MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.

The manufacturer's directions regarding use of this product are based upon tests believed to be reliable. All statements made concerning this product apply only when used as directed, under normal use conditions. FOLLOW DIRECTIONS CAREFULLY. Timing and method of application, weather and turf conditions, mixture with other chemical not specifically recommended and other influencing factors in the use of this product are beyond the control of the manufacturer.

Manufactured by: The Andersons
Lawn Fertilizer Division
P.O. Box 119
Maumee, OH 43537

Date Printed: 01/24/94
Date Approved:
Supersedes:
Label Change: