

9198-137

12/18/2000

1/6

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

December 18, 2000

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

Subject: The Andersons 0.5% Dursban Brand Insecticide
EPA Reg. No. 9198-137
Submission dated 8/24/2000

Dear Ms. Walters:

The revised product labeling referred to above, submitted in connection with the registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the following comments:

1. Under Directions for Use on page 2, the statement, "For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns" must be revised to read as, "For use on plants intended for aesthetic purposes or climatic modification and being grown on industrial plant sites and road medians, or on golf course turf only."
2. All references to golf courses must specify "golf course turf."

Submit one copy of the revised final printed label before releasing the product for shipment. If the conditions enumerated above are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e).

A stamped copy of the label is enclosed for your records. If you have questions, please contact Ann Hanger at (703) 308-8036 or electronically at Hanger.Ann@EPA.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis McNeilly".

Dennis McNeilly, Chemist
Insecticide-Rodenticide Branch
Registration Division (7505C)

2/6

(Front Panel)

THE ANDERSONS 0.5% DURSBAN^(R) BRAND INSECTICIDE

ACTIVE INGREDIENT:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate] 0.5%

INERT INGREDIENTS.....99.5%

Total 100.0%

DURSBAN^(R) is a Trademark of DowElanco

For control of various insects (and other arthropods) infesting golf courses, road median and industrial plant sites only.

For control of fire ants infesting lawns and other ornamental turf areas, flower beds and under shrubbery. For mound treatment by professional applicator only.

**KEEP OUT OF REACH OF CHILDREN
CAUTION CUIDADO**

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS

NET WT. ___ LBS. (note: weight will vary per end use product, but will not be less than 25 lbs.)
TREATS UP TO ___ SQ. FT.

EPA REG. NO. 9198-137
EPA EST. NO. 9198-OH-1

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
DEC 18 2000**
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
9198-137

3/6

(Back Panel)

NET WT. __LBS. (note: weight will vary per end use product, but will not be less than 25 lbs.)

THE ANDERSONS 0.5% DURSBAN^(R) BRAND INSECTICIDE

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Do not take internally. Do not breathe dust. Avoid contact with skin, eyes, or clothing. May be absorbed through the skin. Wear long sleeves. Change clothing daily. Wash hands thoroughly after handling. Keep children and pets off treated area during watering in and until area has dried. Avoid contamination of feed and foodstuffs. Food utensils such as teaspoon or measuring cup should not be used for food after use with a pesticide.

FIRST AID

IF SWALLOWED: Call a physician or poison control center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air if symptoms of cholinesterase inhibition appear and get medical attention immediately.

IF ON SKIN: Wash thoroughly with soap and water.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine, by injection only, is antidotal.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. 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.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns.

DO NOT use this product indoors.

4/6

(Back Panel)

INSECT CONTROL FOR GOLF COURSES, ROAD MEDIANS AND INDUSTRIAL PLANT SITES:

Insects Controlled Include:

- | | |
|---------------|----------------------------------|
| ants | fleas |
| armyworms | grasshoppers |
| billbugs | sod webworms (lawn moths) |
| boxelder bugs | sowbugs (pillbugs) |
| chiggers | (1)fire ants |
| chinch bugs | (2)Hyperodes (turfgrass) weevils |
| clover mites | (3)European crane fly larvae* |
| crickets | (4)white grubs* |
| cutworms | |
| earwigs | |

*Indicates that watering in of this product will increase effectiveness.
(#)Numbers in parentheses refer to specialized application directions.

DOSAGE RATES

<u>Area To Be Treated</u>	<u>Pounds of Dursban 0.5%</u>
1,000 sq. ft.	5 lbs.
2,000 sq. ft.	10 lbs.
4,000 sq. ft.	20 lbs.
5,000 sq. ft.	25 lbs.
10,000 sq. ft.	50 lbs.

APPLICATION TO TURF (Golf courses, road medians, industrial plant sites)

Apply uniformly at the rate of 5 lbs. per 1,000 sq. ft. Consult the table to determine the amounts needed for larger-sized areas. Use any hand or power-operated gravity or rotary type spreader for application of granular materials.

- Fire ant control (for individual fire ant mounds): Apply at a rate of 4 oz. (8 tablespoons) per active mound. Sprinkle granules gently and evenly over surface of mound and out approximately two feet surrounding the mound. Avoid disturbing ants. For best results, apply when ants are least active: in cool weather, 65°F to 80°F, or in early morning or late evening hours. Treat new mounds as they appear.
- Turfgrass weevil control (larvae of Hyperodes weevil): Apply 5 lbs. per 1,000 sq. ft. Apply the granules uniformly over the area to be treated. For best results, treat when grubs are young and actively feeding near the soil surface. Consult your local Agricultural Extension Service specialist for proper time to treat in your geographical area.
- European crane fly larvae control: Apply at a rate of 5 lbs. per 1,000 sq. ft. using any granular application equipment as described above. For increased effectiveness, follow the granule application with a thorough watering to move the insecticide into the soil. Apply the equivalent of 1/2 to 1 inch of water by using a sprinkler or other means of applying water to turf. Consult your local Agricultural Extension Service specialist for timing of application in your geographic area.

(Back Panel)

4. White grub control (such as larvae of Japanese beetle, black turfgrass ataenius, European chafer, and southern masked chafer): Apply at 5 lbs. per 1,000 sq. ft. Apply the granules uniformly over the area to be treated. When high populations of grubs are present in the area to be treated, a repeat application of 5 lbs. per 1,000 sq. ft. may be made 7 to 14 days following the initial application. For increased effectiveness, follow the granule application with a thorough watering to move the insecticide into the soil. Apply the equivalent of 1/2 to 1 inch of water by using a sprinkler or other means of applying water to turf. For best results, treat when grubs are young and actively feeding near the soil surface. Consult your local Agricultural Extension Service specialist for proper time to treat in your geographical area.

Maximum application rate is 1 lb. ai per acre (5.0 pounds of product per 1,000 square feet).

FOR FIRE ANT CONTROL FOR LAWNS AND OTHER RECREATIONAL AND ORNAMENTAL TURF AREAS, FLOWER BEDS AND UNDER SHRUBBERY.

For professional use only

Fire ant control (for individual fire ant mounds): Apply at a rate of 4 oz. (8 tablespoons) per active mound. Sprinkle granules gently and evenly over surface of mound and out approximately two feet surrounding the mound. Avoid disturbing ants. For best results, apply when ants are least active: in cool weather, 65°F to 80°F, or in early morning or late evening hours. Treat new mounds as they appear.

SPREADER SETTINGS

(AVAILABLE AT FINAL PRINTING)

STORAGE AND DISPOSAL

Do not contaminate water, food, or feedstuffs 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.

6/6

(Back Panel)

WARRANTY

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 crop conditions, mixture and other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the manufacturer. Buyer assumes all risks of use, storage and handling of this product.

Manufactured by:

**THE ANDERSONS LAWN FERTILIZER DIVISION
P.O. BOX 119
MAUMEE, OH 43537**

Date Printed	8/22/00
Date Approved	
Supersedes	05/04/95
Label Change	MDA: remove all uses but golf courses, road medians, industrial sites, fire ants; max application rate 1 lb a/acre/min wgt
Filename	9198-137
Label Code	AF162494 RVmba0S2200