

SMALL AREA APPLICATIONS: Not recommended for hose-end sprayers. Spray at any time during the growing season when weeds are actively growing. On new lawns -- wait until the grass has hardened off -- usually after it has been mowed at least three times. Poor weed control may result if spray is applied during drought or just before rain. Do not water within 24 hours after treatment.

PRESSURE SPRAYER			
Amount of Product		Amount of Water	Area to be Treated
1 1/2 Tablespoons	3/4 fluid ounces	1 Gallon	1000 Square Feet
3 Tablespoons	1 1/2 fluid ounces	2 Gallons	2000 Square Feet
4 1/2 Tablespoons	2 1/4 fluid ounces	3 Gallons	3000 Square Feet

LIMITED WARRANTY AND DISCLAIMER.

The manufacturer warrants only that the chemical composition conforms to the ingredient statement given on the label and, that this product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOT INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and disclaimer in any manner.

GARLON® is a registered trademark of DowElanco.



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505C)
 401 "M" St., S.W.
 Washington, D.C. 20460

EPA Reg. Number:
 9198-136

Date of Issuance:
MAR 29 1995

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance: Until
 Reregistration

Name of Pesticide Product:
**The Andersons 0.25%
 Dursban Brand
 Insecticide**

Name and Address of Registrant (include ZIP Code):

**The Andersons
 P.O. Box 119
 Maumee, Ohio 43537**

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 9198-136."
- b. Delete "HOMEOWNER USE ONLY" from the top of each page.
- c. Add a sentence to the beginning of the HAZARDS TO HUMANS AND DOMESTIC ANIMALS section: "Harmful if swallowed." Revise the eighth sentence to: "Keep children and pets off treated area during watering in and until area has dried."

Signature of Approving Official:

DHE

Dennis H. Edwards, Jr.
 Product Manager (19)
 Insecticide-Rodenticide Branch
 Registration Division (7505C)

Date:

MAR 29 1995

d. Revise the ENVIRONMENTAL HAZARDS section to:

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. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

e. Revise the first paragraph of the directions for use for fire ant control to:

When used as directed, fire ant activity is controlled within 7 days of the application. Although this product is reported to be effective against the queen, colony relocation and the establishment of new mounds may be possible. In the event of colony relocation treat new mounds as they appear.

3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

(Front Panel)

HOMEOWNER USE ONLY

THE ANDERSONS

0.25% DURSBAN* BRAND INSECTICIDE

ACTIVE INGREDIENT:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate] 0.25%

INERT INGREDIENTS 99.75%

*DURSBAN is a Trademark of DowElanco

EPA REG. NO. 9198-(TO BE ASSIGNED) R 2 3

EPA EST. NO. 9198-OH-1

For control of various insects (and other arthropods) infesting lawns and other ornamental turf areas, flower beds, under shrubbery, buildings, and certain vegetable crops.

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

ACCEPTED
with COMMENTS
in EPA Letter Dated

NET WT. ___ LBS.

MAR 29 1995

TREATS UP TO ___ SQ. FT.

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

9198-136

(BACK PANEL)

HOMEOWNER USE ONLY

NET WT. ___ LBS.

THE ANDERSONS

0.25% DURSBAN* BRAND INSECTICIDE

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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 irrigation 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.

HOMEOWNER USE ONLY

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

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.

INSECT CONTROL FOR HOME LAWNS AND OTHER RECREATIONAL AND ORNAMENTAL TURF AREAS.

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 | (5)ticks (including deer ticks) |
| earwigs | |

*Indicates that watering in of this product will increase effectiveness.

(#)Numbers in parentheses refer to specialized application directions.

HOMEOWNER USE ONLY

DOSAGE RATES

<u>Area To Be Treated</u>	<u>Pounds of Dursban 0.25%</u>
1,000 sq. ft.	10 lbs.
2,000 sq. ft.	20 lbs.
4,000 sq. ft.	40 lbs.
5,000 sq. ft.	50 lbs.
10,000 sq. ft.	100 lbs.

APPLICATION TO TURF

Apply uniformly to home lawn at the rate of 10 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.

1. Fire ant control (for individual fire ant mounds): Unlike slow acting baits which require 14 - 56 days for significant visible reduction in mound activity, this product has been proven to virtually eliminate treated mounds in 7 days when used as directed. Not only does this product effectively kill the queen, but it also kills the venomous worker ants which can endanger your pets and family members.

Sprinkle 2 oz. (4 tablespoons) of granules evenly in a circle 18" - 24" away from a mound base. Do not apply directly on mound. Avoid disturbing ants. For best results, apply product between mid-March to the end of May, between mid-September through October, or when soil temperatures are between 65°F - 85°F near the surface. Please consult your local county extension agent for proper timing for your area of the country. For application in summer months, apply product in the evening. Avoid rainy weather or when ground is very wet.

2. Turfgrass weevil control (larvae of Hyperodes weevil): Apply 20 lbs. per 1,000 sq. ft. (twice the rate in application table above). 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.
3. European crane fly larvae control: Apply at a rate of 14 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.

HOMEOWNER USE ONLY

4. White grub control (such as larvae of Japanese beetle, black turfgrass ataenius, European chafer, and southern masked chafer): Apply at 20 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 20 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.
5. Tick control: For control of ticks infesting areas around houses and in yard areas, tuck pants legs into socks to avoid tick bites. An insect repellent sprayed onto lower legs and socks should give additional protection from possible bites. Wearing light colored pants and socks will aid in spotting ticks that may attach during treatment.

Treat perimeter of house and yard by applying under shrubbery, in and around ground cover, and around and under patios. Treat edges or perimeter of yard area where grass and other ground cover plants exist and other areas that appear likely to serve as harborage sites for ticks that have removed themselves from their host. Prior to and following treatment, weeds and high grasses should be kept trimmed to reduce tick harborage sites. Rodents can serve as hosts for ticks. Rock piles, wood piles, and other rodent habitats should be removed or reduced. Key months for deer tick control are April through November in most parts of the country. For specific timing of application in your geographic area, contact your local extension service.

HOMEOWNER USE ONLY**TO HELP PREVENT INFESTATION OF BUILDINGS BY INSECTS:**

Pest controlled include:

ants	crickets
earwigs	fleas
sowbugs (pillbugs)	clover mites
ticks	boxelder bugs
spiders	

Treat a band of soil 6 to 10 feet around and adjacent to the perimeter of the building where pests are active and may find entrance. Use the same dosage recommended (10 lbs. per 1,000 sq. ft.) for control of these pests on turf found in the application chart.

INSECT CONTROL IN FLOWER GARDENS AND UNDER AND AROUND SHRUBBERY:

ants	fire ants
crickets	cutworms
sowbugs (pillbugs)	grasshoppers
earwig	armyworms
ticks	

Apply evenly over soil within flower beds and under shrubbery. Use the same dosage recommended for control of these pests on turf found in the application chart. Treat individual fire ant mounds as instructed above.

NOTE: 1 oz. = 6 teaspoons = 2 tablespoons = 1/8 cup

INSECT CONTROL IN CERTAIN VEGETABLE CROPS:**Onions**

Pests controlled include: Onion Maggot.

At-planting Application: Apply 22 oz. (44 tablespoons) per 100 feet of row by placing granules in the furrow at planting time. Cover Dursban 0.25G and onion sets with suitable soil.

Restrictions: Make only one application per year, at planting time.

HOMEOWNER USE ONLY**Sunflowers**

Pests controlled include: Cutworms.

At-planting Application: Apply 50 oz. (6-1/4 cup) per 100 feet of row by placing granules in a 7 inch wide band over the row after the seeds have been placed in the planting furrow and covered. Lightly incorporate the granules into the top 1 inch of soil.

Restriction: Make only one application per year at planting time.

Sweet potatoes

Pests controlled include: Wireworms, Flea Beetles, Sweet Potato Beetle.

Pre-Planting Broadcast Application: Evenly broadcast 17-1/2 lbs. of this product per 1,000 sq. ft. of planting area over the soil surface and then incorporate the granules down to a depth of 4 to 6 inches. Plant the sweet potatoes in the usual manner no later than 14 days after the treatment (any delay in planting will reduce the length of time that this product will protect against feeding damage by the listed pests). This product will not control false wireworm or whitefringed beetle and certain other grubs that attack sweet potatoes.

Restrictions:

Make only one application per year prior to planting.
Do not harvest within 125 days of treatment.

Vegetables

Broccoli	Collards
Brussels sprouts	kale
cabbage	kohlrabi
cauliflower	rutabagas
Chinese cabbage	turnips

Pests controlled include: Root Maggots.

At-Planting Application: Apply 30 oz. (3-3/4 cups) to 56 oz. (7 cups) per 100 feet of row by placing granules in a 4 inch wide band over the row after the seeds have been placed in the planting furrow and covered. Lightly incorporate the granules into the top 1/4 to 1/2 inch of soil.

Restrictions:

Make only one application per year at planting time.
Do not use rutabaga tops for food or feed purposes.

HOMEOWNER USE ONLY**Radishes**

Pests controlled include: Root Maggot

At-Planting Application: Apply 20 oz. (2-1/2 cups) per 100 feet of row by placing granules in the furrow at planting time. Cover granules and seeds with suitable soil.

Restriction: Make only one application per year at planting time.

Sweet Corn

Pests controlled include:

Wireworms	Northern and Western Corn Rootworm Larvae
Seed Corn Maggots	Southern Corn Rootworm Larvae
Root Maggots	Lesser Cornstalk Borer
Seed Corn Beetle	Flea Beetle Larvae
Symphylans	European and Southwestern Corn Borer
Cutworms	Chinch Bug
Fire Ants	Grubs
Billbugs	

At-Planting Application: Apply 50 oz. (6-1/4 cups) to 76 oz. (9-1/2 cups) per 100 feet of row. With seed still uncovered in furrow, apply granules in a 10 inch wide band over seed in furrow at the same time applying alongside furrow for a total of a 10 inch wide band. Cover seed with treated soil. Any remaining granules after seed is covered should be lightly incorporated into the top 1/2 to 1 inch of soil. In soils over 10% organic matter, use the highest rate given (76 oz. per 100 feet of row).

Restriction: Make only one application per year at planting time.