



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

APR 13 1994

Daniel Paradiso, Jr.
THE ANDERSONS LAWN FERTILIZER DIVISION
dba/FREE FLOW FERTILIZER
P. O. Box 119
Maumee, OH 43537

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submissions of 11/22/93 in Response to PR Notice 93-7
EPA Reg. No.: SEE ATTACHED 9198-88

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 one the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements), the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Enclosures

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Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

THE ANDERSONS LAWN FERTILIZER DIVISION

9198 11/22/93

Original Submissions

- WEED N' FEED 10-6-4 - 9198-8
- FRANK S GARDEN KING WEED AND FEED - 9198-16
- TURF-CARE FOR PROFESSIONAL LAWN MAINTENANCE W/1.2% DURSBAN BRAND INSECTICIDE - 9198-26
- TURF-CARE FOR PROFESSIONAL LAWN MAINTENANCE 20-4-10 W/0.92% DURSBAN BRAND INSECTICIDE - 9198-30
- TURF-CARE FERTILIZER 18-3-5 WITH DURSBAN - 9198-31
- TURF-CARE FOR LAWN MAINTENANCE 38-0-0 WITH DURSBAN - 9198-32
- TEE TIME FERTILIZER 20-4-10 WITH BENEFIN/DURSBAN - 9198-37
- TURF-CARE DURSBAN 2.5G - 9198-39
- TURF-CARE FOR SOUTHERN LAWNS 0.47% CHLOROPYRIFOS - 9198-43
- TURF-CARE GRANULAR LAWN INSECT CONTROL PLUS LAWN FOOD - 9198-44
- TURF-CARE GRANULAR LAWN INSECT CONTROL PLUS LAWN FOOD 28-3-9 - 9198-45
- ANDERSONS WEED AND FEED - 9198-46
- ANDERSONS WEED KILLER - 9198-47
- ANDERSONS WEED KILLER 0.63% 2,4-D AND 0.60% MCPP - 9198-48
- ANDERSONS WEED AND FEED XX-XX-XX - 9198-49
- ANDERSON'S PRE-EMERGENT CRABGRASS KILLER PLUS FERTILIZER - 9198-50
- ANDERSONS "TWO IN ONE" LAWN FOOD PLUS CRABGRASS PREVENTER 16-4-8 - 9198-51
- ANDERSONS CRABGRASS PREVENTER - 9198-52
- ANDERSON'S WEED AND FEED III 28-3-9 - 9198-53
- ANDERSON'S WEED AND FEED II 28-3-9 - 9198-54
- ANDERSON'S WEED AND FEED 20-6-10 - 9198-55
- PEL-TECH BENEFIN CONCENTRATE 10 - 9198-56
- PEL-TECH BENEFIN CONCENTRATE 15 - 9198-57
- PEL-TECH BENEFIN CONCENTRATE 20 - 9198-58
- PEL-TECH BENEFIN CONCENTRATE 25 - 9198-59
- EASY WEEDEE FLOWER AND GARDEN WEED PREVENTER - 9198-60
- TURF-CARE LAWN INSECTICIDE 2% DIAZINON - 9198-61
- TURF-CARE LAWN AND GARDEN INSECTICIDE 5% DIASINON - 9198-62
- LOFTS LAWN FUNGICIDE CONTAINS DYRENE - 9198-64
- LOFTS CRABGRASS PREVENTER WITH TUPERSAN - 9198-65
- LOFTS CRABGRASS PREVENTER PLUS LAWN FOOD 25-3-3 - 9198-66
- K-MART CRABGRASS PREVENTER 25-3-3 WITH BENEFIN - 9198-67
- THE ANDERSONS 1% DURSBAN BRAND INSECTICIDE - 9198-68
- GREEN THUMB WEED AND FEED 12-3-5 - 9198-70
- CUSTOM MIX 20-4-10 WITH BETASAN - 9198-72
- CUSTOM MIX 25-6-10 WITH BETASAN - 9198-73
- TEE TIME FERTILIZER 20-4-10 WITH RONSTAR - 9198-75
- TEE TIME FERTILIZER 32-3-5 WITH OPTANOL - 9198-76
- TEE TIME SPRAYABLE HERBICIDE WITH TEAM - 9198-77
- TEE TIME SPRAYABLE HERBICIDE II WITH TEAM - 9198-78
- TEE TIME 25-3-8 PLUS TEAM - 9198-79
- TEE TIME 20-4-10 WITH 1.04 BALAN - 9198-80
- TEE TIME FERTILIZER 20-4-10 WITH 1.15 BALAN - 9198-81
- TEE TIME FERTILIZER WITH 0.52% DURSBAN 30-3-5 - 9198-82

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- TEE TIME 2.5 BALAN CRABGRASS PREVENTER - 9198-83
- TEE TIME 30-3-5 WITH 0.65% DURSBAN - 9198-84
- TEE TIME FERTILIZER WITH 0.7% DURSBAN 30-3-5 - 9198-85
- ANDERSON PRE-EMERGENCE CRABGRASS PREVENTER WITH BALAN - 9198-86
- ANDERSON'S TEE TIME WITH 1.5% OFTANOL - 9198-88
- TEE TIME 5-10-30 WITH BALAN AND SURFALAN - 9198-89
- TEE TIME 5-10-30 WITH BALAN AND SURFALAN FORMULA I - 9198-90
- TEE TIME 25-3-8 PLUS TEAM - 9198-91
- GREENSWEEP SPRAY-ON LIQUID WEED & FEED FOR SOUTHERN LAWNS
- 9198-92
- GREENSWEEP SPRAY-ON LIQUID WEED & FEED FOR NORTHERN LAWNS
- 9198-93
- TEE TIME 20-4-10 PLUS TEAM - 9198-94
- TEE TIME 25-3-8 WITH TEAM/DURSBAN - 9198-98
- TEE TIME 19-5-9 WITH TEAM/DURSBAN - 9198-99
- TEE TIME INSECTICIDE WITH DYLOX - 9198-100
- TEE TIME 25-3-8 PLUS 0.87% TEAM - 9198-101

THE ANDERSONS LAWN FERTILIZER DIVISION
9198 11/22/93
Original Submissions

Exclusionary Statement should be corrected to read: "Not for use on turf being grown for sale....."

ACCEPTED
with COMMENTS
In EPA Letter Dated

9198-88
Page 1 of 5

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
9198-88

(FRONT PANEL)

THE ANDERSONS
TEE TIME with
1.5% OPTANOL®

ACTIVE INGREDIENTS:

1-Methylethyl 2-((ethoxy((1-methylethyl)amino)phosphionthioyl)oxy)benzoate	1.5%
INERT INGREDIENTS	98.5%
TOTAL	100.0%

OPTANOL® is a Reg. TM of the Patent Company of Farbenfabriken Bayer GmbH, Leverkusen

U.S. Patent No. 3.621.082
Canadian Patent No. 825.198

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR STATEMENT OF PRACTICAL TREATMENT
AND OTHER PRECAUTIONARY STATEMENTS

NET WEIGHT ____ LBS.

TREATS _____ SQ.FT.

EPA REG. NO. 9198-88

EPA EST. NO. 9198-OH-1

5

(BACK PANEL)

NET WEIGHT ___ LBS.

TREATS _____ SQ.FT.

THE ANDERSONS

TEE TIME WITH

1.5% OFTANOL

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Harmful if inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse. Keep out of reach of children.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Give a glass or two of water and induce vomiting by touching finger to back of throat. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.
IF IN EYES: Flush with plenty of water.
IF ON SKIN: Wash with soap and hot water.
IF INHALED: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, and wildlife. Do not apply directly to water wetlands. Keep out of lakes, streams and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

PM 19 769-699 P. 142

DURSBAN 4E INSECTICIDE

CONTROLS NUMEROUS PESTS, AS LISTED, OF HOUSEHOLDS, TURF AND ORNAMENTAL PLANTS ALSO RECOMMENDED FOR MOSQUITO CONTROL AND AREA CONTROL OF TICKS AND CHIGGERS. USE AS A MOUND TREATMENT TO KILL IMPORTED FIRE ANTS SEE SUPPLEMENTAL LABELING FOR ADDITIONAL USES

To be Applied Only By or Under the Supervision of Pest Control Operators, Public Health Organizations, Mosquito Abatement Districts and Other Trained Personnel Responsible for Insect Control Programs.
ACTIVE INGREDIENT:
Chlorpyrifos (D,O-diethyl O-(3,5,6-trichloro-2-pyridyl)phosphorothioate) 44.4%
INERT INGREDIENTS: 55.6%
Total 100.0%

Contains 4 pounds Chlorpyrifos per gallon. DURSBAN Reg. Trademark Dow Chemical

KEEP OUT OF REACH OF CHILDREN WARNING - AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

STATEMENTS OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 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 or convulsing person. Get medical attention. **IF INHALED:** Remove victim to fresh air. Get medical attention. **IF IN EYES:** Flush eyes with plenty of water. Get medical attention in irritation persists. **IF ON SKIN:** In case of contact wash affected area with soap and water. **NOTE TO PHYSICIAN:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine, only by injection is the preferable antidote.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. Excessive absorption through skin may be fatal. Do not get in eyes, skin or clothing. Avoid breathing of vapors and spray mist. Keep away from food, feedstuffs and water supplies.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category (G) on an EPA chemical resistance category selection chart. **Applications and other handlers** must wear: coveralls over short-sleeved shirt and short pants; Chemical resistant gloves such as barrier laminates or Viton; Chemical resistant footwear plus socks; Protective eyewear. Chemical resistant headgear for overhead exposures; Chemical resistant apron when cleaning equipment, mixing and loading. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds and wildlife, and extremely toxic to fish and aquatic organisms. Do not apply directly to water, or to areas where surface water is present or to terrestrial areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply or allow to drift to blooming crops or weeds if bees are visiting the treatment area.

PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

STORAGE AND DISPOSAL

Storage: Avoid storage at high temperatures. Protect from moisture. Avoid contamination with water, acids, or alkalis. Do not store near heat or open flame. Keep container closed. Store in original container only. Separate pesticides to avoid cross-contamination of other pesticides, fertilizer, food and feed. Keep container in locked storage areas. If spilled, absorb with dry material such as sand or sawdust and sweep up for disposal. **Pesticide Disposal:** Do not contaminate water, food or feed by storage and disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. 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. **Consumer Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or purchase and dispose of in a secondary landfill or by other procedures approved by State and Local authorities. **Basic:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or purchase and dispose of in a sanitary landfill or by incineration, or, if allowed by State and Local authorities, by burning. If burned stay out of smoke.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system.
EPA Reg. No. 700-000 NET CONTENTS 1 GALLON EPA Est. No. 700-GA-1

SureCo, Inc. Fort Valley, GA 31030 U.S.A.

NON-AGRICULTURAL USE REQUIRED.
The requirements of this label apply to uses of this product that are NOT within the Worker Protection Standard, for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep children and pets off treated areas until sprays have dried.

PESTS INDOORS

General Information: Use DURSBAN 4E insecticide to control the pests indicated in the areas listed below by applications as a 0.25% or 0.5% Chlorpyrifos spray. Use the 0.25% spray to control light infestations and the 0.5% spray to quickly reduce heavy infestations or as directed. To prepare the spray, dilute DURSBAN 4E with water or with a suitable base oil as shown in DILUTION RATES paragraph. Repeat treatment as necessary. Use only deodorized kerosene for oil based sprays to be applied in food handling establishments.

Do not introduce the spray into the air or allow the spray to contact food or food contacting surfaces. Areas treated may include dark corners of rooms, and closets; along and behind baseboards, beneath and behind stoves, refrigeration units and similar food preparation areas and equipment; floor drains and around plumbing and other utility installations. For ants apply to ant trails and wherever these pests may find entrance. Spot treatment may encompass CRACK & CREVICE treatment by applying small amounts of material directly into openings leading to voids and hollow spaces in walls, equipment legs and bases or which occur at points between different elements of construction or between equipment and floors. Equipment capable of delivering a stream of insecticide should be used. Repeat treatment as needed but not more than once every 7 days in restaurants and similar food service establishments or more often than once every 14 days in other types of food handling establishments. In case of emergency (fall back), Dursban 4E may be applied after 2 days from the last treatment but emergency use should be limited to once per month.

APPLICATIONS OF THIS PRODUCT IN FOOD HANDLING ESTABLISHMENTS OTHER THAN AS A SPOT AND/OR CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

APPLICATION WITHIN RESIDENTIAL BUILDINGS

Including Homes and Apartment Buildings and Within Nonfood Areas of Industrial, Institutional and Commercial Buildings Including Hospitals, Stores, Manufacturing Plants and Warehouses: For Spot Treatment Only: Apply as a coarse spray or with a paint brush to localized areas where Ants, Cockroaches, Carpet Mites, Confused Flour Beetles, Crickets, Earwigs, Firebrats, Indian Meal Moth, Mediterranean Flour Moth, Rice & Grain Weevils, Millipedes, Red Flour Beetle, Saw Toothed Grain Beetle, Silverfish, and Stinkbugs are found or normally occur including dark corners of rooms and closets; cracks and crevices in walls, along and behind baseboards, beneath and behind sills, stoves, refrigerators and cabinets; around plumbing and other utility installations. For ants apply to ant trails, also around doors and windows and wherever else these pests may find entrance. For Carpet Mites use 0.5% spray only. Note: A period of 4 to 7 days is normally required for maximum effect on cockroaches. For the Control of Carpet Beetles, thoroughly apply a 0.5% spray as a spot treatment along baseboards and edges of carpeting, under carpeting, rugs, furniture, in closets and on shelving, and wherever else these insects are seen or suspected.

DILUTION RATES

To make a 0.25% spray solution
FOR WATER SPRAY - mix 2 1/2 oz. in 1 gallon of WATER.
FOR AN OIL SPRAY - mix 1/2 fl. oz. in 1 gallon of DEO-BASE OIL.
To make a 0.5% spray solution
FOR WATER SPRAY - mix 1 1/4 oz. in 1 gallon of WATER.
FOR AN OIL SPRAY - mix 1 fl. oz. in 1 gallon of DEO-BASE OIL.

For larger amounts multiply the fluid ounces (amount) in 1 gallon by number of gallons required for the job. *Deodorized base Kerosene. Note: Where quick knockdown and/or flushing action is desired, dichlorvos (DDVP) or pyrethrin may be added to the spray mixture containing Dursban 4E insecticide. For best results, use dichlorvos at a concentration of 0.25% in both water and oil-base sprays. Consult labeling for the dichlorvos or pyrethrin product used to determine the amount needed to give the desired spray concentration. Also read and observe all use and handling precautions for these products. DO NOT use Dursban 4E in combination with dichlorvos (DDVP) or pyrethrin for treatment of food areas of food handling establishments.

APPLICATION WITHIN FOOD HANDLING ESTABLISHMENTS

PLACES OTHER THAN PRIVATE RESIDENCES IN WHICH FOOD IS HELD, PROCESSED, PREPARED OR SERVED INCLUDING, BUT NOT LIMITED TO: RESTAURANTS, GROCERY STORES, BAKERIES, BOTTLING PLANTS, CANNERIES, AND GRAIN MILLS: Mix Dursban 4E according to the DILUTION RATES. Use as a SPOT TREATMENT to control Ants, Cockroaches, Crickets, Confused Flour Beetles, Crickets, Earwigs, Firebrats, Indian Meal Moth, Mediterranean Flour Moth, Rice & Grain Weevils, Millipedes, Red Flour Beetle, Saw Toothed Grain Beetle, Silverfish, and Stinkbugs in and around both food and nonfood areas by application as a coarse, low pressure (20 psi or less) spray in localized areas where the above pests have been seen, suspected of hiding or entering. Apply only enough spray to thoroughly cover the surfaces treated using special care to avoid unnecessary runoff. Brown Dog Ticks: Thoroughly apply 0.5% spray as a spot treatment to infested areas such as pet beds and resting quarters; nearby cracks and crevices; along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment. Do not treat pets with this product.

NOTE: (Pests indoor junction or switch box. After application, allow switch in the "ON" position while food is exposed, soap and water if they not allow children or Remove pets and cover PE

General Information: For ornamental plants, for Consult the following pests listed.

PESTS OF LA RECRE

Use Dursban 4E to control the recommended 4 Dursban 4E in a pest infested areas or application equipment the insecticide into the insecticide for control moist at the time of treatment.

Use 3 1/4 fl. oz./1,000 sq. ft. of Centipedes, Chiggers, Fire Ants (mound), Fleas, Leafhoppers, Lucidus, Sod webworms. Sod is not required for control or mowing the treated

For Turfgrass Weevils problem areas in mid A. Ag. Extensions Service use 1 fl. oz./1,000 sq. ft. For White Grubs, (Blister beetle & Japanese beetle grubs are young and active in August or as recommended after spraying, irrigate insecticide into the turf. For Bluegrass Billworm adults first appear. Re

PREMISE TR

To help prevent insect problems (rodents), in the building, also the are active and may fit gallons of water and a band area

AREA CO

Use Dursban 4E to control rodents, footpad areas and around doors are acting as a barrier to 1/2 fluid ounce per teaspoon sprayer or underbrush, greasy or spray volume to obtain

NOTICE: Do not allow dried. Do not apply where runoff occur. Fish and crustaceans this product.

PEST

Use Dursban 4E to control overgrazing found to with water according power spray equipment. For best results apply infested limbs and over-spraying to the point at 7 to 10 day intervals fishpools and other bodies, roses or variegated

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the 3 lbs. rate.

Consult your local turf, state Agricultural Experiment Station, or Extension Service Specialists for more specific information regarding timing of application.

SUGGESTED SPREADER SETTINGS

(Available at final printing)

The above spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied and roughness of terrain. Calculate the size of the area to be treated and do not over or under apply. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust the spreader setting, if necessary, in order to assure correct rate of application. Close spreader when filling, stopping or turning. Do not hand spread.

RESTRICTIONS

Do not mow treated turf area before rainfall or irrigation has been applied as per RECOMMENDED APPLICATIONS. Do not graze treated areas or use clippings from treated areas for food or forage. Keep children and pets off treated area until dry.

Do not apply more than 6 lbs. of this product per 1,000 sq.ft. per year or an equivalent amount of 1.45 oz. active ingredient per 1,000 sq.ft. regardless of formulation used. Minimum interval between applications must be 30 days for the 3 lbs. rate.

STORAGE AND DISPOSAL

FOR HOMEOWNER USE ONLY:

Do not contaminate water, food or feed by storage or 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.

