

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 24 1993

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1713

Mr. Daniel Paradiso, JR.  
The Andersons  
DBA: Parker Fertilizer Company  
201 West Fourth Street  
Sylacauga, AL 35150

Dear Mr. Paradiso:

Subject: Updated Labeling  
Vertagreen Dursban DDVP 1.25 Turf Insecticide  
EPA Registration No. 8660-108  
Your Application Dated February 1, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, provided that you make the labeling change listed below before you release the product for shipment bearing the amended labeling:

Revise your Environmental Hazards Statement as follows:

"This pesticide is extremely toxic to fish, birds, and other wildlife. Do not apply directly to water, to areas where surface water is present or to intertidal 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 by cleaning of equipment or disposal of equipment washwaters. This pesticide is highly toxic to bees exposed . . ."

Your product's most recent Confidential Statement of Formula (CSF), dated June 25, 1981 lists source products for the active ingredients which are cancelled. Please submit an updated CSF with registered source products for Chlorpyrifos and DDVP as soon as possible.

CONCURRENCES

SYMBOL							
SURNAME	Hleut						
DATE	6-24-93						

Submit three copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely,

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

3-2-8

8660-108  
1 of 6

(FRONT PANEL)

**VERTAGREEN®**

**DURSBAN-DDVP 1.25**

**TURF INSECTICIDE**

For Control of Ants, Chinch Bugs, Sod Webworms,  
and Many Similar Pests on Turf and Ornamental Plants.  
For Area Control of Ticks and Chiggers

For Commercial/Industrial Use Only

**ACTIVE INGREDIENT:**

Chlorpyrifos [0,0-Diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate] . . . . .	12.70%
Dichlorvos 2,2-dichlorovinyl dimethyl phosphate . . . . .	3.19%
Related Compounds . . . . .	0.24%
<b>INERT INGREDIENTS</b> . . . . .	<b>83.87%</b>
<b>TOTAL</b>	<b>100.00%</b>

Contains 1 lb. Chlorpyrifos and .25 lb. Dichlorvos (DDVP) per gallon.

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

**SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS**

**NET CONTENTS 1 GALLON**

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated**

EPA Reg. No. 8660-108

EPA Est. No. 9108-0H-1

**JUN 24 1993**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
8660-108

(BACK PANEL)

NET CONTENTS 1 GALLON

VERTAGREEN®

DURSBAN-DDVP 1.25

TURF INSECTICIDE

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed. May be absorbed through skin. May be injurious to eyes and skin. Keep children and pets off treated areas until spray has dried. Do not take internally. Do not get in eyes or on skin. Do not smoke while using. Wash thoroughly after handling and before eating or smoking. Wash contaminated clothing before re-use. Flush contaminated eyes with plenty of water and get medical attention. Avoid breathing spray mist or vapors. Do not spray vegetable gardens or plants used for food purposes.

STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. If possible vomiting should be induced under medical supervision. Have victim drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated.

**IF ON SKIN:** Remove contaminated clothing and wash affected areas with soap and water.

**IF IN EYES:** Flush eyes with plenty of water. Call a physician immediately.

**NOTE TO PHYSICIAN:** If signs of cholinesterase inhibition (weakness, headache, chest tightness, blurred vision, salivation, sweating, nausea, vomiting, diarrhea, or abdominal cramps) occur, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and wildlife. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from areas treated. This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated areas. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

### PHYSICAL AND CHEMICAL HAZARDS

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

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### PESTS OUT-OF-DOORS

#### GENERAL INFORMATION

Use this product for control of certain pests on outside surfaces of buildings and on lawns and ornamental plants, and for area control of Chiggers. Consult the following directions for dosage and application details to control the pests listed.

#### PESTS ON OUTSIDE SURFACES OF BUILDINGS

Use this product at the rate of 5-1/2 oz. per gal. of water (0.5% Chlorpyrifos emulsion) to control Ants, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Mosquitoes, Sowbugs, Spiders, and Ticks by application as a residual spray to outside surfaces of buildings including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Do not treat or allow the spray to contact plants (lawns, flowering plants, shrubs, trees, evergreens, etc.) because of possible injury. Repeat treatment as needed to maintain effectiveness.

NOTE: To help prevent infestations of building by Ants, Crickets, Earwigs, Millipedes, and Sowbugs (Pillbugs) treat a band of soil 6 to 10 feet wide around and adjacent to buildings, also buildings foundation to a height of 2-3 feet where pests are active and may find entrance. Use 32 oz. (1 qt.) in 100 gals. of water and apply as a coarse spray at the rate of about 10 gals. spray mixture per 1,000 sq. ft. to thoroughly and uniformly wet the band area.

#### PESTS OF LAWNS, OTHER ORNAMENTAL AND RECREATIONAL TURF AREAS

Use this product to control pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute in enough water to obtain complete and uniform coverage of pest infested areas and apply as a coarse, low pressure spray using suitable spray equipment. Thoroughly water after treatment to wash the insecticide into the turf except as noted. For best results, the lawn should be moist at time of treatment. Do not use seed or seed screenings for food, feed and oil purposes.

DOSAGES AND DIRECTIONS FOR USE ON TURF

<u>PEST</u>	<u>DOSAGE PER 1,000 SQ. FT.</u>	<u>REMARKS</u>
Ants, Armyworms, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Earwigs, Fleas, Grass- hoppers, Ticks, Sod Webworms	*3 fl. oz. Use a minimum of 2-1/2 to 3 gals. of water per 1000 sq. ft.	Spray when pests first appear, retreat when needed. For Sod Webworms delay watering or mowing the treated area for 12 to 24 hours after treatment.
Turfgrass Hyperodes	6 fl. oz.	Spray suspected problem areas in mid-April and in mid-May or as recommended by Local Agricultural Specialist.
White Grubs of European Chafer and Japanese Beetle only	6 to 12 oz.	Spray when Grubs are actively feeding near the soil surface in late July and August or as recom- mended by Extension Specialist. Water treated area after treatment with 1/2-1 inch of water to wash insecticide into soil.
Bluegrass Billbug	6 to 12 oz.	Spray early in the season when adults first appear. Retreat when needed.

AREA CONTROL OF TICKS AND CHIGGERS

Use for noncrop areas such as roadsides, footpaths and trails, picnic and camping sites, parks and other recreational areas where these pests are present and create a nuisance or possible public health problem. Apply 1 qt. per acre in sufficient water to mist all areas including low underbrush, grassy areas, weeds, and ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gals. of water per acre.

ATTENTION: Do not allow public use of treated areas during application or until spray has dried.

PESTS OF ORNAMENTALS

Use this product to treat flowers, shrubs, vines, shade and flowering trees, and evergreens found to be infested with the pests listed in the following table. Dilute with water according to directions given in the table and apply, using suitable hand or power spray equipment in a manner to provide complete coverage. For best results apply a wetting spray to both upper and lower leaf surfaces and infested limb and trunk areas. Attempt to penetrate dense foliage but avoid overspraying. Treat when pests appear and repeat at 7 to 10 day intervals, if needed. CAUTION: Do not use on Azaleas, Camellias, Poinsettias, Rose Bushes, or Variegated Ivy because of possible injury to foliage.

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DOSAGES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

<u>PESTS</u>	<u>AMOUNT OF CONCENTRATE TO USE IN WATER TO MAKE:</u>		
	<u>3 GALS.</u>	<u>10 GALS.</u>	<u>100 GALS.</u>
Aphids, Mites, Bagworms, Orange-Stripped Oakworm, Eastern Tent Caterpillar, Spittlebug, Fall Webworm, Whiteflies, Grasshoppers, Yellow-necked Caterpillar	1 fl. oz.	3.2 fl. oz.	2 pints
Cutworms, Leafhoppers, Mealybugs, Mimosa Webworm, Redhumped Caterpillar, Thrips (Exposed Stages)	2 fl. oz.	6.4 fl. oz.	2 quarts
Ash Borer, Lilac Borer, Dogwood Borer, Scale Crawlers, Oak Lecanium, Pine Needle, Tea, and White Peach Scale	4 fl. oz.	12.8 fl. oz.	1 gallon
Peach Tree Borer	11.6 fl. oz.	38.5 fl. oz.	3 gallons

DOGWOOD BORER: Mix 1 gal. in 100 gals. water (1 qt. in 25 gals.) and spray trunks and lower limbs of trees when adults begin to emerge. Consult your local Agricultural Extension Service for the proper timing.

PEACH TREE BORER: Dilute 11.5 fl. oz. in 3 gals. of water. Apply to flowering trees and shrubs of the Genus Prunus. Thoroughly spray the trunk at ground level up to the first limbs. Apply as coarse wet spray 3 times; May 1st, June 1st, and July 1st. Do not treat the fruit or upper portions of the tree. This treatment is for ornamentals only. Do not use on trees with edible fruit.

NOTE: Mosquitoes coming to rest on areas treated for control of Turf and Ornamental plant pests will be killed for varying periods of time and after treatment, depending on exposure of treated areas to weathering conditions.

**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 instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for Guidance. **CONTAINER DISPOSAL**: Do not reuse container. Rinse thoroughly before discarding in trash.



**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 crop conditions, mixture with 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 or handling of this product when not used in accordance with label directions.

Manufactured by:

**PARKER FERTILIZER CO.  
201 4TH STREET  
SYLACAUGA, AL 35150**

Date Printed: 01/28/93

Date Approved:

Supersedes:

Label Change: