

AUG 11 1992

300-542232

Mr. Daniel Paradiso, Jr.
Parker Fertilizer Co.
c/o The Andersons Management Corp.
P.O. Box 119
Maumee, OH 43537

Dear Mr. Paradiso:

Subject: Label Amendments
Vertagreen Dursban-DDVP 2.50 Turf Insecticide
EPA Registration No. 8660-109
Your Submission Dated May 22, 1992

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 changes listed below before you release the product for shipment bearing the amended labeling:

1. Under Storage and Disposal delete the section "For Homeowner Use Only" and the heading "For Professional/Commercial Use Only". Your product is not registered for homeowner use.
2. Under Storage and Disposal add the heading STORAGE before the statement, "Keep container closed and away . . ."
3. Pluralize Active Ingredient in the ingredient statement.
4. Under Environmental Hazards the statement should read:
". . . equipment or disposal of equipment washwaters."
5. Under Dosages and Dilutions chart add an asterisk to Peach Tree Borer.

REFERENCES							
SYMBOL							
SIGNATURE	<i>Delmont</i>						
DATE	<i>8-29-92</i>						

Submit five 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)

(FRONT PANEL)

DURSAN-DDVP 2.50

TURF INSECTICIDE

**For Control of Chinch Bugs, Sod Webworms,
and Numerous Other Pests on Turf and Ornamental Plants.
For Area Control of Brown Dog Ticks and Chiggers**

**Only For Sale To, Use And Storage
By Lawn Care And Landscaping Personnel And Pest Control Operators**

ACTIVE INGREDIENT:

Chlorpyrifos [0,0-Diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	24.00%
2,2-dichlorovinyl dimethyl phosphate	6.04%
Related Compounds	0.46%
INERT INGREDIENTS	69.50%
TOTAL	100.00%

Contains 2 lbs. Chlorpyrifos and .5 lb. Dichlorvos (DDVP) per gallon.

KEEP OUT OF REACH OF CHILDREN

DANGER - POISON

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS

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: Chlorpyrifos and DDVP are cholinesterase inhibitors. Treat symptomatically. Atropine only by injection is an antidote.

NET CONTENTS: 1 GALLON
ACCEPTED
in EPA Label Book

EPA Reg. No. 8660-109

AUG 11 1988 Est. No. 9198-CH-1

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the product
registered under EPA Reg. No.
8660-109

(BACK PANEL)

NET CONTENTS: 1 GALLON

VERTACKEN®

DURSBAK-DOVP 2.50

TURF INSECTICIDE

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Poisonous if swallowed, inhaled or absorbed through the skin. May be injurious to eyes. 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 smoking or eating. Wash contaminated clothing before re-use. Flush contaminated eyes with plenty of water and get medical treatment. Avoid breathing spray mist or vapors. Do not spray vegetable gardens or plants used for food purposes.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and wildlife. Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on this label.

This pesticide is highly toxic to bees exposed to direct treatment or 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.

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DIRECTIONS FOR USE

~~It is a violation of Federal law to use this product in a manner inconsistent with the 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 2-3/4 oz. per gal. of water (0.5% Chlorpyrifos emulsion) to control Ants, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Mosquitoes, Sowbugs, Spiders, and Brown Dog 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 16 oz. (1 pt.) 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 AND PERENNIAL TURF GRASSES GROWN FOR SEED

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.

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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, Brown Dog Ticks, Sod Webworms	*1.5 fl. oz. Dilute in 30 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	3 fl. oz.	Spray suspected problem areas in mid-April and in mid-May or as recommended by Local Agricultural Extension Service Specialist.
White Grubs of European Chafer and Japanese Beetle only	3 to 6 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	3 to 6 oz.	Spray early in the season when adults first appear. Retreat when needed.

*1.5 fl. oz. per 1,000 sq. ft. - 1/2 gallon per acre.

AREA CONTROL OF BROWN DOG 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 pt. 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.

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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.

DOSAGES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

PESTS	AMOUNT OF CONCENTRATE TO USE IN WATER TO MAKE:		
	3 GALS.	10 GALS.	100 GALS.
Aphids, Mites, Bagworms, Orange-Stripped Oakworm, Eastern Tent Caterpillar, Spittlebug, Fall Webworm, Whiteflies, Grasshoppers, Yellow-necked Caterpillar	.5 fl. oz.	1.6 fl. oz.	1 pint
Cutworms, Leafhoppers, Mealybugs, Mimosa Webworm, Redhumped Caterpillar, Thrips (Exposed Stages)	1 fl. oz.	3.2 fl. oz.	1 quart
Ash Borer, Lilac Borer, Dogwood Borer, Scale Crawlers, Oak Lecanium, Pine Needle, Tea, and White Peach Scale	2 fl. oz.	6.4 fl. oz.	2 quarts
Peach Tree Borer	5.8 fl. oz.	19.2 fl. oz.	1.5 gallons

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.

DOGWOOD BORER: Mix 1/2 gal. in 100 gals. water (1 qt. in 50 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 5-3/4 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 ornamentals with edible fruit.

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STORAGE AND DISPOSAL

FOR HOMEOWNER USE ONLY:

~~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.

FOR PROFESSIONAL/COMMERCIAL USE ONLY:

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: 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 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.

Manufactured by:

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

Date Printed: 05/21/92
Date Approved:
Supersedes:
Label Change: