

Reg # 10370-151

PM-13

File
1911



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

MAR 17 1994

Christina M. Lawes
ROUSSEL UCLAF CORP.
95 Chestnut Ridge Road
Montvale, NJ 07645

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 11/08/93 in Response to PR Notice 93-7
EPA Reg. No. 10370-151
FORD'S DURSBAN-DDVP 2.5 E.C.

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



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

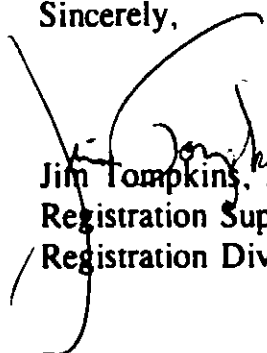
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



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

Attachment

ACCEPTED
with COMMENTS
In EPA Letter Dated

3911

MAR 17 1994

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

10370-151

Ford's Dursban-DDVP 2.5 E.C. Indoor & Outdoor Pest Control

- Roaches, Ants, Crickets, Fleas, Spiders, Chinch Bugs, Sod Webworms.
- Ornamental Insect Control.
- Only for Sale to, Use and Storage by Pest Control Operators or Other Service persons.

ACTIVE INGREDIENTS:

Chlorpyrifos: 0,0-Diethyl 0-(3,5,6-trichloro 2-pyridyl)phosphorothioate.....	24.00%
Dichlorvos: 2,2-Dichlorovinyl dimethyl phosphate.....	6.04%
Related Compounds.....	0.64%
INERT INGREDIENTS*.....	69.50%

*Contains xylene range aromatic solvent.

Dursban is a trademark of DowElanco

Contains 2lbs. chlorpyrifos and 0.5lb Dichlorvos (DDVP) per gallon.

EPA Reg. No. 10370-151

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

DANGER - POISON - PELIGRO

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.)

STATEMENT OF PRACTICAL TREATMENT

Organophosphate

If swallowed: Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. **DO NOT INDUCE VOMITING** unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.

If on skin: Wash immediately with soap and water. Call a physician immediately.

If in eyes: Flush eyes with plenty of water. Call a physician immediately.

If Warning Symptoms Appear: Keep patient prone and quiet. Start artificial respiration immediately, if patient is not breathing. Transport patient immediately to the nearest physician.

See Side Panel for Additional Precautionary Statements.

Net Contents

ROUSSEL UCLAF 
 Roussel Uclaf Corporation
 95 Chestnut Ridge Road
 Montvale, New Jersey 07645

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Note to Physician - Warning Symptoms

Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

Treatment - Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation atropine sulfate should be injected at 10 minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated. 2-PAM is also antidotal and may be administered in conjunction with atropine. Clear chest by postural drainage.

Repeated exposure to cholinesterase inhibitors may without warning cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been allowed as determined by a blood test.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Danger

Poisonous if swallowed, inhaled or absorbed through the skin or eyes. Do not get in eyes or on skin. Do not breathe fumes. Rapidly absorbed through skin.

Personal Protective Equipment:

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.

Applicator and other handlers must wear:

- Chemical-resistant protective suit
- Chemical-resistant gloves, such as barrier laminate or viton (greater than 14 mils)
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- A respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approved number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Environmental Hazards

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

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. 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 or 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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **Storage:** Store product in original container in a cool, dry, locked place out of reach of children.

Pesticide Disposal: Pesticide wastes are acutely hazardous. 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.

Container Disposal: METAL CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned stay out of smoke.

BEST AVAILABLE COPY

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- chemical-resistant protective suit
- chemical-resistant gloves, such as barrier laminate, or viton (greater than 14 mils)
- chemical-resistant footwear plus socks
- protective eyewear
- chemical-resistant headgear for overhead exposure

Dosages and Directions for Use on Ornamental Plants

Pests	Amount of Conc. to Use in Water to Make:		
	3 gal.	10 gal.	100 gal.
Aphids			
Bagworms			
Mites			
Orangestriped Oakworm			
Eastern Tent Caterpillar			
Spittlebug			
Fall Webworm			
Whiteflies			
Grasshoppers			
Yellownecked Caterpillar	0.5 fl. oz.	1.6 fl. oz.	1 pint

Pests	Amount of Conc. Use in Water to Make:		
	3 gal.	10 gal.	100 gal.
Cutworms			
Leafhoppers			
Mealybugs			
Mimosa Webworms			
Redhumped Caterpillars			
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			
White Peach	2 fl. oz.	6.4 fl. oz.	2 quarts
Peach Tree Borer	5.75 fl. oz.	19.2 fl. oz.	1.5 gallon

Indoor Pest Control

Do not use this product in edible product areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed. **USE ONLY IN NON-FOOD AREAS** as directed below.

Use this product as a spot treatment for the control of Cockroaches, Ants, Crickets, Firebrats, Silverfish, Spiders, Fleas and Brown Dog Ticks in and around residential, institutional and commercial buildings, including homes, apartment buildings, hospitals, stores, and warehouses. **IN HOSPITALS:** not for use in patient occupied areas. It may be used with water or a deodorized base oil for a maintenance spray or maximum strength spray. Follow directions for control of pests listed and repeat as needed for control.

Dilution Chart

Amount of Spray (water or oil)	Amount of Concentrate to Use	
	Maintenance Spray	Maximum Strength Spray
1 gallon	1 1/3 ounces	2 2/3 ounces
3 gallons	4 ounces	8 ounces
5 gallons	6 2/3 ounces	13 1/3 ounces

The lower strength should be used as a maintenance spray while the stronger rate should be used to quickly reduce heavy infestation of Cockroaches, Ants, Crickets, Firebrats, Silverfish, and Spiders.

HOW TO APPLY - Apply as a course spray or with a paint brush to localized areas where the above mentioned pests are found or normally occur, including dark corners of rooms, and closets, cracks and crevices in walls ceilings and behind baseboards, beneath and behind sinks, stoves, refrigerators and cabinets, around plumbing and other utility installations. For Ants apply to ant trails, also around doors and windows and wherever these pests may find entry. For Brown Dog Ticks (do not treat pets with this product) apply as a spot treatment to infested areas such as pet's bedding and resting quarters, nearby cracks and crevices, along and behind baseboards, window and door frames and other localized areas where pests may hide. Old bedding should be removed and replaced with fresh clean bedding after treatment.

Directions for Application in Non-Food Areas

Non-food areas includes garbage rooms, lavatories, floor drains (to sewer), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling). Use the "maintenance" rate (see Dilution Chart above) as a spot treatment by applying as a course spray or with a paint brush to areas where Cockroaches are normally found. Apply to baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets and similar areas where insects hide or through which they may enter. Do not let spray or mist contact food, feedstuff and water supplies. Dishes and food handling equipment should be thoroughly washed with soap and water if they have become contaminated with this product. Repeat treatment as needed for control.

WARNING - Use as spot treatment only for indoor pests. Do not use in poultry houses or other animal buildings. Do not allow children or pets to contact treated surfaces until spray has dried. Remove or cover fish bowls before spraying.

Directions for Application Within Food Areas

FOOD AREAS APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY. Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation also would be considered a food area).

USE MAXIMUM STRENGTH SPRAY and apply in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide directly into cracks and crevices, in points between elements of construction, between equipment legs and bases where cockroaches hide. **DO NOT** use this product in conduits, motor housings, and electrical switch boxes.

Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces. APPLICATION OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENT, OTHER THAN CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

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 pests listed.

Pests On Outside Surfaces of Buildings: Use this product at the rate of 2 3/4 ounces per gallon of water 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 buildings by Ants, Crickets, Earwigs, Millipedes, and Sowbugs (Pillbugs) treat a band of soil 6 to 10 feet wide around and adjacent to buildings, also building's foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use 18 ounces (1 pint in 100 gallons of water and apply as a course spray at the rate of about 10 gallons spray mixture per 1,000 square feet 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 tables 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 course, 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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Dosage and Directions for Use on Turf

Pest	Dosage per 1,000 sq. ft.	Remarks		
Ants	1.5 fluid ounces. Use in a minimum of 5 to 10 gallons of water per 1,000 square feet.	Spray when pests first appear, retreat when needed. for Sod Webworm delay watering or mowing the treated area for 12 to 24 hours after treatment.		
Armyworms				
Chiggers				
Chinch Bugs				
Clover Mites				
Crickets				
Cutworms				
Earwigs				
Fleas				
Grasshoppers				
Ticks				
Sod Webworms				
Turfgrass hyperodes			3 fluid ounces	Spray suspected problem areas in Mid-April and in Mid-May or as recommended by local Agricultural Extension Service Specialist.
White Grubs or European Chator and Japanese Beetle Only			3 to 6 ounces	Spray when grubs are actively feeding near the soil surface in late July and August or as recommended by Extension Specialist. Water treated area after treatment with 1/2 or 1 inch of water to wash insecticide into soil.
Bluegrass Billbug	3 to 6 ounces	Spray early in the season when adults first appear. Retreat when needed.		

Pests on Ornamentals: Use this product to treat flowers, shrubs 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 area. Attempt to penetrate dense foliage but avoid over spraying. 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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Dogwood Borer: Mix 1/2 gallon in 100 gallons water (1 quart in 50 gallons) 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 6 3/4 fluid ounces in 3 gallons 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 course wet spray 3 times; May 1st; June 1st; July 1st. Do not treat the fruit or upper portions of the tree. This treatment is for ornamentals only.

Note - Mosquitoes coming to rest on areas treated for control of turf and ornamental plant pests will be killed for varying periods of time after treatment depending on exposure of treated areas to weathering conditions.

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 pint 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 gallons of water per acre.

NOTICE: Buyer and user assume all risk and liability of use and/or handling of this product not in accordance with the terms of this label.