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JUL 14 1995

Ms. Christina Lawes
Agrevo Environmental Health
95 Chestnut Ridge Road
Montvale, NJ 07645

Dear Ms. Lawes:

Subject: Amendment - Revise per USDA instructions
Ford's Diazinon 4E
EPA Reg. No. 10370-39
Your submission dated July 13, 1995

The amendment referred to above, submitted in connection with registration under FIFRA section 3(C)(7)(a), is acceptable provided that you:

- 1) Submit and/or cite all data or other materials required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
- 2) Make the labeling change listed below before you release the product for shipment bearing the amended labeling:
 - a) In the GENERAL INFORMATION, replace "This product is also approved for use in USDA Meat and Poultry Plants." with "Authorized by USDA for use in Federally inspected meat and poultry plants.". This same revised claim may also appear as a bullet point item in the beginning of the label.
- 3) Submit three (3) copies of your final printed labeling before you release the product for shipment. Product released for shipment after the date stipulated in the Diazinon Registration Standard, as amended, must be the revised amended labeling.

If these conditions are not complied with, the registration

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will be subject to cancellation in accordance with FIFRA section 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,

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

Ford's

DIAZINON 4E **INSECTICIDE**

- * **RECOMMENDED FOR COMMERCIAL/INDUSTRIAL USE ONLY**
- * **FOR PEST CONTROL INDOORS INCLUDING FOOD AND FEED HANDLING ESTABLISHMENTS. OUTDOORS USE ONLY ON HOME LAWNS AND LANDSCAPED AREAS AROUND THE HOME.**
- * **THIS PRODUCT MUST BE NOT BE USED ON GOLF COURSES AND SOD FARMS.**
- * **DIAZINON 4E CONTAINS 4 LBS. OF DIAZINON PER GALLON.**

ACTIVE INGREDIENT:

Diazinon : 0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate..... 47.5%
INERT INGREDIENTS*: 52.5%
100.0%

*Contains xylene range aromatic solvent.

EPA REG. NO. 10370-39

EPA EST. NO.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call physician or poison control center immediately. **DO NOT INDUCE VOMITING.** Vomiting may cause aspiration pneumonia. Do not give anything by mouth if person is unconscious or convulsing.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF ON SKIN: Wash promptly with plenty soap and water. Rinse thoroughly. Get medical attention.

IF IN EYES: Rinse eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN: Solvent may present aspiration hazard. Gastric lavage may be indicated if product was taken internally. Diazinon is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered but only in conjunction with atropine.

See Side Panel For Additional Precautions

NET CONTENTS:

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 14 1995

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

10370-39

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PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye injury. Avoid contact with skin eyes, or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before smoking or eating. Remove contaminated clothing and wash before reuse. Avoid contamination of food and feed. Food utensils such as tablespoons or measuring cups must not be used for food purposes after use in measuring pesticides. Keep out of reach of domestic animals. Do not use on humans, household pets, or livestock. Do not permit children or pets to go onto treated areas until spray has dried. Do not contaminate ornamental fish ponds.

Environmental Hazards

This product is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York between November 1 and May 1. Do not exceed maximum permitted label rates since rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. For lawns, if waterfowl, i.e. ducks and geese can be expected in the treated area after treatment, do not spot treat and water lawn with at least 1/4 inch of water immediately after spraying this product, however, stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. 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 may be hazardous to aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming plants. Do not apply this pesticide or allow it to drift to blooming plants if bees are visiting the treatment area.

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. Open dumping is prohibited.
Pesticide: 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.
Container: Triple rinse or equivalent. Then offer for recycling, reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take care to avoid contamination of equipment and facilities during cleanup and disposal of wastes.

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Finally inspected meat and poultry plants

This product may be used indoors in households, apartments and other structures including schools (except classrooms in use), hospitals (except in patient rooms while occupied), office buildings, museums, libraries, sports facilities, stores warehouses and food and feed handling establishments. Read and follow the "Precautions" listed below when applying this product in any of these indoor areas. ~~This product is also approved for use in USDA Meat and Poultry Plants. In food and feed areas of food/feed handling establishments, Diazinon 4E may be applied only as a crack and crevice treatment or limited spot treatment. See the specific directions for use for treatment of these areas.~~

INDOOR USE

ants	carpet beetles	scorpions
brown dog ticks	cockroaches (waterbugs)	spiders

drugstore beetle	: flour beetle	rice weevil
cigarette beetle	: Indian meal moth	sawtooth grain beetle

MIXING INSTRUCTIONS

Gals. of finished spray	Amount Diazinon 4F to use for	
	1/2% spray	1% spray
1	1 1/4 fl. oz.	2 1/2 fl. oz.
2	2 1/2 fl. oz.	5 fl. oz.
3	3 3/4 fl. oz.	7 1/2 fl. oz.
10	12 1/2 fl. oz.	25 fl. oz. (1 3/5 pts)
25	32 fl. oz. (2 pts)	64 fl. oz. (4 pts)

Indoor Use (Except Food and Feed Handling Establishments, Households, Apartments and Non-Food Areas of Offices, Schools (except classrooms in use), Libraries, Hospitals (except patient rooms while occupied), Museums and Sports Facilities (See Food and Feed Handling Establishments for special directions when applying this product in food handling or serving areas in non-residential buildings).

For heavy cockroach infestations, make the first application at a strength of 1%, followed by monthly applications of 1/2% spray.

CARPET BEETLES: Apply a 1/2% spray in spot applications along baseboards and edges of carpeting, under carpeting and rugs and furniture in closets and on shelving, and wherever these insects are seen or suspected.

PANTRY PESTS: *Exposed Stages (Sawtoothed Grain Beetle, Flour Beetle, Rice Weevil, Cigarette Beetle, Drugstore Beetle, Indian Meal Moth):* Apply a 1/2% spray to shelves and cupboards where food containers suspected of being infested are stored. Remove all food and shelving paper before spraying. Do not replace the food packages until spray has dried. Cover shelves with shelving paper. This treatment is supplemental to good housekeeping, since it will have no effect on insects breeding within food packages. Infested food packages should be destroyed.

Places other than private residences in which food or feed is held, processed, prepared or served (includes restaurants, canneries, bakeries, food processing plants, mills, dairies, USDA Meat and Poultry Plants) Diazinon 4E may be used in the food/feed areas and the non-food/non-feed areas of these establishment. Apply Diazinon 4E either as a limited spot or crack and crevice treatment as directed below.

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DIAZINON

Food/Feed Areas of Food/Feed Handling Establishments
Includes areas for receiving, storage, (dry, cold, frozen, raw), preparing (cleaning, slicing, cooking, grinding), serving (when food is exposed and facility is in operation), packaging (canning, bottling, wrapping, boxing), edible waste storage, and enclosed processing systems (mills, dairies and systems for processing edible oils, and syrups).

Application of this product in the Food/Feed areas of food handling establishments, other than as a crack and crevice treatment or limited spot treatments is not permitted.

Limited Spot Treatment

Apply this product diluted to 1/2-1% as a coarse, low-pressure fan spray around water pipes and door frames, to surfaces beneath cabinets, refrigerators, sinks, stoves, storage areas and similar floor areas. Limit spot treatments to floor surfaces where pests have been seen or where they are suspected of hiding. Limit the sum of individual spot treatment to an area no larger than 20% of the floor surface area. Any individual spot treatment must not exceed 2 square feet.

CRACK AND CREVICE TREATMENT: Apply this product diluted to 1/2-1% with equipment capable of delivering a pin stream of insecticide. Apply in small amounts directly into cracks and crevices in such areas as expansion joints, spaces between equipment and the floor, opening leading to voids, and hollow spaces in walls and equipment legs and bases.

Non-Food/Non-Feed Areas of Food/Feed Handling Establishments: Include garbage rooms, lavatories, floor drains (to sewers) entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage areas (after canning or bottling).

SPOT TREATMENT: Apply this product diluted to a 1/2-1% spray. Apply as a coarse, low pressure fan spray as a spot treatment along baseboards to areas around water pipes beneath cabinets, to surfaces behind and beneath sinks, lockers and lockers; and to storage areas where cockroaches, and silverfish and spiders hide.

OUTDOOR USE

Control of pests in lawn and on ornamental plants around the home.

Precautions: (1) Do not use this product on ornamental or on turf areas other than around the home (2) Do not apply this product through any type of irrigation system. (3) This product is highly toxic to bees exposed to direct treatment or to residues on blooming plants. Do not apply this product or allow it to drift to blooming plants if bees are visiting the treated area. (4) Birds, especially waterfowl, feeding or drinking on treated area may be killed. (5) Because of the migratory habits of certain Atlantic coast waterfowl, do not apply this product to lawns in Nassau County, New York between November 1, and May 20 (6) Do not exceed maximum permitted label rates since rates above those recommended significantly increase potential hazards to birds and waterfowl. (7) Avoid overlapping of sprays. (8) If waterfowl, i.e. ducks, geese, can be expected in the treated lawn after treatment (except spot treatment) water lawn with at least 1/4 inch of water immediately after spraying this product, however, stop watering before puddling occurs. (9) Wear a long-sleeved shirt and long legged pants when spraying. Spray with the wind to you back. Do not spray on windy days. If clothing becomes wet from spray during use, remove clothing after spraying. Wash affected body areas thoroughly with soap and water, and launder clothing before wearing again.

PESTS OF ORNAMENTAL PLANTS: To control certain pests on Arborvitae, Azalea, Birch, Boxwood, Carmelia, Carnation Chrysanthemum, Douglas Fir, Elm, Gladiolus, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Ornamental Plum, Poplar,

Rhododendron, Rose, Spruce and Willow apply the recommended rates indicated in the following chart. Try to spray underside of leaves and penetrate dense foliage.

Do not use on Ferns, Poinsettia, Hibiscus, Papaya, Pilea and Gardenia since injury to the plants may occur.

Pests	Amount Diazinon 4E to use	
	Per 3 gals. water	Per 100 gals. water
Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leafminers, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holly Bud Moths, Leafhoppers, Obscure Root Weevils Omnivorous Leafhoppers, Privet Mites, Scale Crawlers: (Cottony Cushion, Lecanium, Pine Needle, San Jose Scale), Thrips, Two-spotted Spider Mites, Juniper Webworms, Whiteflies	1/2 fl. oz.*	1 pt.*
Apple-and-thorn skeletonizers, cotoneaster webworms, fall webworms, Hemlock chermes, Oak loopers Obliquebanded leafrollers, Pear slugs, Tent caterpillars	1/2 fl. oz.*	1 pt.*
	1/2 fl. oz.*	3 pts.*

*1 fl. oz. = 2 fl. oz. 16 fl. oz. = 1 pt.

APPLE WEBWORM: Mix 1/2 fl. oz. (1 tablespoon) in 3 gals. of water or 1 pt. in 100 gallons of water) and apply as a thorough foliage spray when adults first appear. Make a second and third application at 4-5 week intervals.

Home Lawn Pests: To control pests listed below, apply recommended rates.

Pests	Rates per 1,000 sq. ft.		Remarks
	Diazinon 4E	Water	
Lawn chinch bugs	2-3 fl. oz.	3 gals.	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine Lawns.
Ants			Spot spray anthills and wasp ground nest openings
Armyworms			
Bermudagrass mites, Clover mites, Springtail (Collembola)	2-3 fl. oz.	3 gals.	For digger wasps, apply at dusk when wasps are not active
Crickets, Cutworms			
Digger Wasps, Earwigs			For Fruit flies, mow grass and water well before treatment but delay application until grass is dry
Fruit flies, Lawn Pillbugs			
Leafhoppers			
Sod webworms (Lawn moth)			
Sowbugs (Pillbugs)			
Brown dog ticks			Note: Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.
Chiggers, Fleas	3 fl. oz.	3 gals.	

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DIAZINON

Hyperodes weevil	3 fl. oz.	3 gals.	Treat problem areas in mid-April and again in mid May.
Millipedes	3 fl. oz.	3 gals.	
Rhodesgrass scales	3 fl. oz.	3 gals.	Apply when crawler first emerge.
White grubs (such as Japanese beetle larvae)	3 fl. oz.	3 gals.	Apply any time between late July and early October
European Chafer			
Southern chafer			

NUISANCE PESTS OUTSIDE THE HOME: *Ants, Boxelder, Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders and Springtails (Collembola)*

Mix 3 Fl. oz. in 3 gals of water

Thoroughly spray window and door screens and sills, foundations, porch and patio walls, entranceways, walks, garbage cans, tree trunks and into cracks and other places where insects can hide. Repeat application as necessary.

To prevent entry of insects into the house, spray a five-foot band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet. Repeat application as necessary.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

Agrevo Environmental Health
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Montvale, NJ 07645

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