

JUN 28 1993

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Ms. Christina M. Lawes
Roussel Uclaf Corporation
95 Chestnut Ridge Road
Montvale, New Jersey 07645

Dear Ms. Lawes:

Subject: Dimethoate 2-E
EPA Registration No. 10370-257
Your Application for Pesticide Amendment
Dated April 14, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that the following changes are made to the label:

1. Under the ingredient statement change "active ingredients" so that it is in the singular form and reads "active ingredient".
2. In accordance with the March 1983 "DIMETHOATE Pesticide Registration Standard (035001)" and PR Notice 93-3, the first paragraph of the ENVIRONMENTAL HAZARDS Section should be revised so that it reads:

"This pesticide is toxic to wildlife and aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning equipment or disposal of wastes."

3. Please note that on the last accepted label the application rate for Birch is listed as one tablespoon per three gallons water. On this label the rate has been increased to two tablespoons per three gallons of water.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

MADDEN Disk #3 6/24/93

Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). If any of your products are covered by the WPS, you are required to submit, and receive the Agency's approval by April 21, 1994, of a revised label reflecting the required label statements of 40 CFR 156, published in the FEDERAL REGISTER of August 21, 1992 (57 FR 38102). Under the WPS labeling regulations at 40 CFR 156, subpart K, § 156.200(c)(3), you are prohibited from distributing or selling any product within the scope of the WPS requirements after April 21, 1994, without amended labeling accepted by the Agency.

Sincerely yours,

Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7504C)

enclosure

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

396

DIMETHOATE 2-E

- * Systemic Insecticide
- * Controls Houseflies
- * For control of Insects and Mites on Ornamental Plants

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 28 1993

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

10370-257

(1 gallon contains 2 pounds of dimethoate)

ACTIVE INGREDIENTS:

Dimethoate (0,0-Dimethyl S-[(methyl-carbamoyl) methyl] phosphorodithioate).....23.4%

* INERT INGREDIENTS:.....76.6%

TOTAL.....100.0%

*Contains Xylene range aromatic solvent

EPA REG. No. 10370-257

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center immediately. Gastric lavage is usually indicated. Do not induce vomiting. Vomiting may cause aspiration pneumonia. Do not induce vomiting or give substances by mouth to an unconscious person.

If Inhaled: Remove victim to fresh air. Assist respiration if indicated.

If on skin: Promptly wash contaminated skin with soap and water.

If in eyes: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

NOTE TO PHYSICIANS: This product may cause cholinesterase inhibition. Atropine is antidotal.

PRECAUTIONARY STATEMENTS


Hazards to Humans and Domestic Animals

WARNING. Vapor harmful - Harmful or Fatal if Swallowed. Concentrated Material Causes Eye Irritation. Avoid breathing vapor or spray mist. Avoid contact with skin or eyes. Use only with adequate ventilation. Wash thoroughly after handling. Do not contaminate food. Do not use in homes. Rinse spills on outside of container after use.

Do not contaminate feed and foodstuffs, drinking fountains, litter and feed troughs. Do not use in milk processing rooms, including milk houses and milk storage rooms.

See Side Panels for Additional Precautionary Statements

NET CONTENTS

ROUSSEL UCLAF 
 Roussel Uclaf Corporation
 95 Chestnut Ridge Road
 Montvale, New Jersey 07845

DO NOT Apply This Product By Aerial Application.

The following protective clothing must be worn during application:

- a. Impermeable gloves (for example, rubber or plastic covered reinforced gloves).
- b. Boots or boot covers.
- c. Long-sleeved shirt and long pants.
- d. Wide-brimmed hat.

Environmental Hazards

This product is toxic to birds and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

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

Physical and Chemical Hazards

COMBUSTIBLE. DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAMES.

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 and disposal.

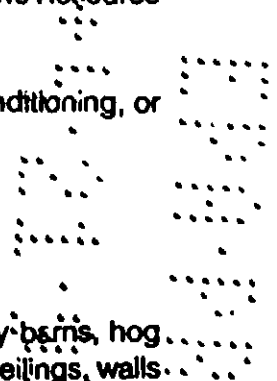
STORAGE: Do not store near heat or open flame. Do not store below freezing temperatures. Mix as needed: do not store diluted material.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL: Triple rinse or equivalent and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other approved State and local procedures.

HOUSEFLIES

Residual Wall Sprays: For the control of houseflies including resistant strains, in dairy barns, hog pens, calf barns, poultry houses and other farm buildings, apply a 1% residual spray to the ceilings, walls, stanchions, etc. Prepare the spray by mixing 1 pint Dimethoate 2-E in 3 gallons of water. Thoroughly wet all fly resting areas to the point of run-off. One gallon of spray will cover 500 to 1,000 square feet of surface. Repeat applications should be made when necessary.



Remove all animals from buildings when applying residual wall sprays. Dimethoate 2-E is acceptable for use as a residual-type insecticide in and around federally inspected meat packing plants except where meat food products are processed or handled.

Dimethoate 2-E controls flies up to 8 weeks or longer.

For Localized Housefly Control: apply a spray containing 1/2 pint of Dimethoate 2-E in 5 quarts of water with a knapsack or similar type sprayer to areas frequented by flies, such as doorways, around windows, etc.

Repeat applications should be made when necessary. Good sanitation is a necessary part of any effective fly control program.

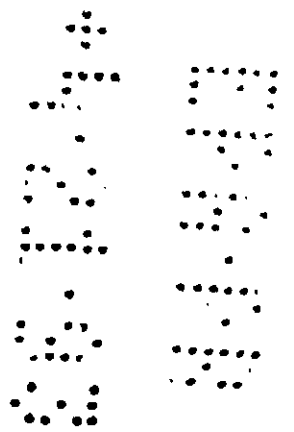
Maggot Sprays: For the control of housefly maggots, mix 1/2 pint of Dimethoate 2-E in 5 quarts of water and apply as a course spray or with a sprinkling can to fly-breeding areas, such as poultry droppings in caged-layer houses, garbage dumps and manure piles. Repeat application as additional manure or garbage is added.

General Outside Use: For the control of houseflies around homes and recreation areas, garbage cans, animal quarters, food-processing plants, warehouses, loading docks and refuse areas; thoroughly spray exposed surfaces, such as walls, fences, garbage and refuse containers with 1 pint of Dimethoate 2-E in 3 gallons of water. Repeat application should be made when necessary.

OUTDOOR ORNAMENTAL PLANTS

Dimethoate 2-E is generally effective in controlling aphids, thrips, leaf miners, scales, leafhoppers and mites. For proper timing of treatments for the control of specific pests on ornamental plants, consult your state agricultural experiment station or state agricultural extension service.

Make adequate sprays when pests appear or when damage is first observed. Do not overdose or overspray. Do not use on ornamental plants not listed. Do not use on any ornamental stock plants grown as a source of propagation material, such as cuttings, layers, root stocks or scions for grafting or budding. Do not use in spray mixtures containing oil. Do not use on plants growing in greenhouses.



676

THE USES LISTED BELOW ARE FOLIAR SPRAYS UNLESS OTHERWISE INDICATED.

Ornamental Plants - Outdoor Plants Only	Pest Controlled	Pints Per 50 Gals. Water	Tablespoons per 3 Gals. Water
Azaleas	Lace Bugs, Leaf Miners, Mites, Tea Scale, Whiteflies	1	2
Camellias	Aphids, Camellia Scale, Mites, Tea Scale	1	2
	Foliar Spray: Apply 2 sprays 6 weeks apart the first year followed by annual applications soon after growth begins in the spring. Soil Drench: Apply Dimethoate 2-E as a soil drench around the base of plants in early spring at the rate of 4 tablespoons per 1 gallon of water per plant up to 6 feet tall. Increase this rate proportionately for larger plants.		
Roses	Aphids, Leafhoppers, Mites, Thrips	1	2
Birch	Aphids, Leaf Miners	1/2	2
	For leaf miners apply when leaves are expanded (about mid-May) and repeat in early July.		
Boxwood	Leaf Miners, Mealy Bugs, Mites	1	2
	For leaf miners, apply in spring when leaf miner flies first appear or in early summer for control of larvae in the infested leaves		
Euonymus	Aphids, Scale	2	4
Gladiolus	Aphids, Thrips	1	2
Hemlock	Mites, Scale	1	2
Juniper	Aphids, Bagworms, Midges, Mites	2	4
Pine	Aphids, Bagworms, European Pine Shoot Moth, Nantucket Pine Tip Moth, Zimmerman Pine Moth	2	4

WARRANTY

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practices. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.