

HM 14 7969-28

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SEP 28 1993

Ms. Karen Blundell
PASF Corporation
P.O. Box 13528
Research Triangle Park, NC 27709-3528

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Dear Ms. Blundell:

Subject: Rebelate 2E Insecticide
EPA Registration Number 7969-38
Your Submission Dated August 31, 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 you:

1. According to our files a restriction must be added to the label under the Directions for Use, Houseflies as well as the specific directions for Residual Wall Spray that reads:

"Remove dairy animals, calves under 1 month of age and poultry from buildings when applying residual spray."

2. Submit one copy of your final printed labeling before you release the product for shipment.

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.

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

MAIDEN DISK #3 9/27/93

BASF

September 8, 1993

Rebelate™ 2E

Dimethoate Systemic Insecticide

A broad spectrum contact, systemic and residual insecticide for control of houseflies, and insects and mites on ornamental plants.

Active Ingredients:

Dimethoate* [O,O-Dimethyl S-(N-methylcarbamoylmethyl)] phosphorodithioate	22.7%
Inert Ingredients	77.3%

*1 gallon contains 2.0 pounds of Dimethoate

ACCEPTED
with COMMENTS
in EPA Letter Dated

EPA Reg. No. 7969-38

SEP 28 1993

**KEEP OUT OF REACH OF CHILDREN.
WARNING**

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

7969-38

HARMFUL OR FATAL IF SWALLOWED. VAPORS HARMFUL.
CAUSES EYE IRRITATION.

Statement of Practical Treatment

In case of contact with eyes: Flush with plenty of water for at least 15 minutes; get medical attention. If on skin: Wash immediately with plenty of soap and water. Get medical attention. If swallowed: Get medical attention.

Note to physician: This product may cause cholinesterase inhibition. Atropine is antidotal. Pralidoxime chloride (2-PAM; PROTOPAM chloride) may be effective as an adjunct to atropine. Use according to directions.

Physical/Chemical Hazards

Combustible. Keep away from heat and open flame. Keep container closed. Use with adequate ventilation.

Net Contents: 1 gallon

BASF Corporation
PO Box 13528, Research Triangle Park, North Carolina 27709-3528

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Harmful or fatal if swallowed. Vapors are harmful. Causes eye irritation. Avoid breathing vapor or spray mist. Use only with adequate ventilation. Avoid contact with skin and eyes. Wash thoroughly after handling. Do not contaminate food or feed products.

Required Clothing and Equipment for Application

All applicators, including flaggers and all personnel involved with the mixing, loading and transferring operations must wear the protective clothing and equipment enumerated below. Pilots are exempt from this requirement. The protective clothing and equipment to be worn as follows:

- 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
- e. Respirators must be worn by flaggers and mixer/loaders.

Environmental Hazards

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 when disposing of equipment washwaters.

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/Chemical Hazards

Combustible liquid and vapor. Keep away from heat and open flame.

Directions for Use

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

Storage and Disposal

Do not store below freezing.

Prohibitions: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

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

If Plastic: Triple-rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

If Metal: 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.

Directions for Use

Ornamentals

DO NOT USE THIS PRODUCT FOR ANY USE NOT SPECIFIED ON THIS LABEL.

This product is intended for use by the commercial grower or commercial applicator in conventional hydraulic sprayers or ground applicators.

When applying by ground equipment, use recommended amount in sufficient water for thorough coverage, usually 25 to 50 gallons per acre unless otherwise specified. Repeat applications as necessary unless otherwise specified. Consult your State Extension Service Specialist for specific timing of applications.

Houseflies

For localized housefly control, apply a spray

containing 1/2 pint of Rebelate 2E 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. See label for more detailed recommendations.

Compatibility

Rebelate 2E is compatible in spray tank mixes with most insecticides, miticides, and fungicides, provided they are not alkaline in reaction. Field experience indicates that Rebelate 2E has been satisfactorily mixed with lead arsenate, Sevin®, Diazinon®, Guthion®, Tedion®, malathion, parathion, Phosdrin®, Kelthane®, Cypre®, captan, zineb, and thiram. Because uniform dispersibility and sprayability may be influenced by pesticide combinations used, it is recommended that compatibility be determined before adding pesticides to

the spray tank. The addition of Multi-film X-17 at recommended rates will usually eliminate incompatibility noted.

FOR PROPER MIXING, SPRAY TANK SHOULD BE AT LEAST THREE QUARTERS FILLED WITH WATER BEFORE ADDING REBELATE 2E FORMULATIONS. MECHANICAL AGITATION OR RECIRCULATION THROUGH PUMP BYPASS TO TANK IS USUALLY SUFFICIENT FOR MAINTAINING A GOOD DISPERSION. FOR KNAPSACK EQUIPMENT, BE SURE SUFFICIENT AGITATION IS USED TO DISPERSE REBELATE 2E.

Tank mixing must be done in accordance with the most restrictive of label limitations and precautions for all products to be mixed. No label dosage rates should be exceeded. This product cannot be mixed with any products containing a label prohibition against such mixing.

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Specific Uses

Type of Spray	Rate of Rebelate 2E	Remarks
Housefly Control		
Residual Wall Spray	1 pt/3 gal of water	For the control of houseflies in dairy barns, hog pens, calf barns, poultry houses, and other farm buildings. Thoroughly wet all fly resting areas to the point of run-off. One gallon of spray will cover 500-1000 square feet of surface.
Spot Sprays	½ pt/5 qts of water	For localized housefly control
Maggot Sprays	½ pt/5 qts of water	Apply as a coarse spray or with sprinkling can to fly-breeding areas, such as poultry droppings in caged-layer houses, garbage dumps and manure piles.

Repeat applications should be made when necessary. Do not contaminate feed and foodstuffs, drinking fountains, water and feed troughs. Do not use in milk-processing rooms, including milk houses and milk storage rooms. Do not use in home.

Type of Plant	Pest Controlled	Amount of Rebelate 2E per 1/2 Gallon of Water
Ornamentals		
Azaleas (Outdoor plants)	Lace Bugs Leaf Miners Mites Tea Scale White Flies	1 teaspoonful
Camellias	Aphids Camellia Scale mites Tea Scale	1 teaspoonful Foliar Spray: Apply 2 sprays 6 weeks apart the first year followed by annual applications soon after first growth begins in the spring. Soil Drench: Apply Rebelate 2E as a soil drench around the base of plants early spring at the rate of 4 tablespoons per gallon of water per plant up to 6 feet tall. Increase this rate proportionately for larger plants.
Carnations	Aphids Thrips Mites	1 teaspoonful Soil Drench: Apply as a soil drench at the rate of 4 fluid ounces per 500 square feet of bed bench (5 qts. per 1/2 acre) in sufficient water for even distribution. Water in thoroughly after application.
Cedar	Mites	2 teaspoonfuls
Euonymous	Aphids Scale	3 teaspoonfuls
Gardenias	Tea Scale White Flies	1 teaspoonful
Gerberas	Thrips	1 teaspoonful
Gladiolus	Aphids Thrips	1 teaspoonful
Iris	Aphids Iris borer Thrips	2 teaspoonfuls For borer control spray when new leaves are 5-6 inches tall.

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Type of Plant	Pest Controlled	Amount of Rebelate 2E per ½ Gallon of Water
Poinsettias (Outdoor plants)	Mites White Fly Mealy Bug Aphids	1 teaspoonful
Ficus nitida (Outdoor plants)	Thrips	1 teaspoonful NOTE: Do not use on potted plants
Cyperus	Bactra Moth Larvae	1 teaspoonful Apply as a drenching spray.
) Day Lilies	Aphids Thrips	2 teaspoonfuls
Roses (Outdoor Plants)	Aphids Leafhoppers Mites Thrips	1 teaspoonful
Arborvitae	Aphids Bagworms Mites	2 teaspoonfuls
) Birch	Aphids Leaf Miners	½ teaspoonful For leaf miners apply when leaves are expanded (about Mid May) and repeat in early July.
) Boxwood	Leaf Miners Mealy Bugs Mites	1 teaspoonful For leaf miners apply in Spring when leaf miner flies first appear or in early Summer for control of larvae in the infested leaves.
Holly (English and American, not Burford variety)	Leaf Miners Mites Scale	1 teaspoonful For leaf miners apply in Spring when leaf miner flies first appear or in early Summer for control of larvae in the infested leaves.

Type of Plant	Pest Controlled	Amount of Rebelate 2E per ½ Gallon of Water
Hemlock	Mites Scale	1 teaspoonful
Juniper	Aphids Bagworms Midges Mites	2 teaspoonfuls
Oak	Golden Oak Scale	2 teaspoonfuls
Pine	Aphids Bagworms European Pine Shoot Moth Nantucket Pine Tip Moth Zimmermann Pine Moth	2 teaspoonfuls
Taxus	Fletcher Scale mealy Bugs Mites	2 teaspoonfuls

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Use Precautions

This product is toxic to fish, wildlife and birds. Keep out of any body of water. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. 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.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed

to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to above. **BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY**

OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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