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Ms. Karen Blundell
BASF Corporation
P.O. Box 13528
Research Triangle Park, NC 27709

Dear Ms. Blundell:

Subject: Rebelate Dimethoate Systemic Insecticide
EPA Registration No.: 7969-30
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. As stated in our letter of August 10, 1993 and in accordance with the "DIMETHOATE Pesticide Registration Standard (035001)", under the directions for use, peas, add a statement that reads:

"Make only one application per season".

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,

RAF

Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

MADDER Disk #2 9/27/93

2018

BASF

September 8, 1993

Rebelate®

Dimethoate Systemic Insecticide

Active Ingredient

Dimethoate (O,O-dimethyl S-[N(methylcarbamoyl)
methyl]phosphorodithioate)

30.3%

Inert Ingredients

69.7%

TOTAL

100.0%

(1 gallon contains 2.67 pounds of Dimethoate)

ACCEPTED
with COMMENTS
in EPA Letter Dated

EPA Reg. No. 7969-30

SEP 28 1993

**KEEP OUT OF REACH OF CHILDREN
WARNING/AVISO**

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
7969-30

PRECAUCION AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

Statement of Practical Treatment

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 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.

Net Contents:

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:

- Impermeable gloves (for example, rubber or plastic covered reinforced gloves)
- Boots or boot covers
- Long-sleeved shirt and long pants
- Wide-brimmed hat
- 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 a manner inconsistent with its labeling. Before using, read warning statements on container label.

Do not apply this product in such a manner as to directly or through drift exposure workers or other persons. The area being treated must be vacated by unprotected persons.

Do not apply this product through any type of irrigation system.

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.

General Worker Protection

Do not enter or allow entry into treated areas without protective clothing until sprays have dried. Do not enter treated citrus for 4 days without protective clothing.

Protective clothing means, at least: a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall-type garment (all of closely-woven fabric covering the body, including the arms and legs) shoes and socks.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

***Warning**, area treated with **Rebelate® Dimethoate Systemic Insecticide** (insert

date). Do not enter without appropriate protective clothing until sprays have dried (insert State Department of Agriculture's re-entry interval, if more restrictive; insert 4 days for citrus)*.

In case of accidental exposure to pesticide spray, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before re-use. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

Directions for Application

This product is intended for use by commercial growers, or commercial applicators in conventional hydraulic sprayers, ground applicators, or aerial sprayers. Do not apply when weather conditions favor drift of spray from treated areas.

Aerial Application

Apply in 2 to 10 gallons of water per acre unless otherwise noted. Apply at least 5 gallons finished spray per acre in California.

Automatic flagging devices should be used whenever feasible. If human flaggers are employed, they must wear the protective clothing and respirator specified on this label.

Ground Applications

Use recommended amount in sufficient water for thorough coverage, usually 25 to 50 gallons per acre unless

otherwise noted.

Compatibility*

Rebelate is compatible in spray tank mixes with most insecticides, miticides, and fungicides, provided they are not alkaline in reaction. Field experience indicates that **Rebelate** has been satisfactorily mixed with **Sevin®**, **Diazinon®**, **Pydrin®**, **Guthion®**, **Malathion**, **parathion**, **Kelthane®**, **Cyprex®**, **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 **X-77® Spreader** at recommended rates will usually eliminate any incompatibility noted.

For proper mixing spray tank should be at least three-quarters filled with water before adding **Rebelate** formulations. Mechanical agitation or recirculation through pump bypass to tank is usually sufficient for maintaining a good dispersion.

Tank mixing must be done in accordance with the more (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 product containing a label prohibition against such mixing.

* Tank mixes not registered in California.

5048

CROP USES			
CROPS	PESTS CONTROLLED	RATE	INTERVAL (DAYS) BETWEEN LAST APPLICATION AND HARVEST
VEGETABLE CROPS			
Beans (green, lima, snap, dry)	Aphids, Leafhoppers, Leaf miners, Mites, Lygus bugs	$\frac{1}{2}$ - $1\frac{1}{2}$ pts/A	Beans may be harvested on day of application. Do not feed treated vines. This product is highly toxic to bees. Do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom.
Broccoli Cauliflower Cabbage	Aphids	$\frac{1}{2}$ - $1\frac{1}{2}$ pts/A	7
Collards Endive (escarole) Kale Leaf Lettuce Mustard greens Spinach Swiss chard Turnip (greens & roots)	Aphids Leafhoppers Leaf miners	$\frac{1}{2}$ pt/A	14
Head Lettuce	Aphids Leafhoppers Leaf miners	$\frac{1}{2}$ pt/A	7
Melons (except watermelons)	Aphids Leafhoppers Leaf miners Thrips	$1\frac{1}{2}$ pt/A	3
Peas	Aphids	$\frac{1}{2}$ pt/A	Peas may be harvested on day of application. Do not feed or graze hay within 21 days after last application when a stationary viner is used. Do not feed or graze when a mobile viner is used. This product is highly toxic to bees. Do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom.
Peppers	Aphids Leaf miners Maggots	$\frac{1}{2}$ - 1 pt/A	Peppers may be harvested on day of application.
Potatoes	Aphids Leaf miners Maggots	$\frac{1}{2}$ - $1\frac{1}{2}$ pts/A	Potatoes may be harvested on day of application.
Tomatoes	Aphids Leaf miners Maggots	$\frac{1}{2}$ - $1\frac{1}{2}$ pts/A	7
Watermelons	Aphids Leaf miners Maggots	$\frac{1}{2}$ - $1\frac{1}{2}$ pts/A	3
FOR CONTROL OF CABBAGE WORMS AND CABBAGE LOOPERS, THE ABOVE RATES CAN BE USED IN COMBINATION WITH TENDOSUFAN, MALATHION, OR PARATHION IN ACCORDANCE WITH MANUFACTURERS' DIRECTIONS.			

6088

CROP USES			
CROPS	PESTS CONTROLLED	RATE	INTERVAL (DAYS) BETWEEN LAST APPLICATION AND HARVEST
FIELD CROPS			
Alfalfa (grown for hay)	Aphids Leafhoppers Lygus bugs Grasshoppers Reduction of Alfalfa weevil larvae	¾-1 ½ pts/A	Do not apply to alfalfa in the bloom period. Do not apply within 10 days of harvest or pasturing. make only one application per year. Application effective only on cutting to which applied. This product is highly toxic to bees. Do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom.
Alfalfa (seed crop)	Aphids Leafhoppers Lygus bugs Grasshoppers Reduction of Alfalfa weevil larvae	¾-1 ½ pts/A	Do not apply to alfalfa in the bloom period. Do not feed or graze livestock on treated crops, hay, threshings, or stubble within 10 days of harvest. This product is highly toxic to bees. Do not apply if bees are visiting the areas to be treated when crop or weeds are in bloom.
Cotton (grown in CA & AZ)	Lygus bugs Leafhoppers Black fleahoppers	¾-1 ½ pts/A	14 Do not repeat applications within 14 days. Do not feed treated forage or graze livestock on treated fields.
Cotton (early season)	Aphids Mites Thrips	¾-¾ pt/A	14 Do not repeat applications within 14 days. Do not feed treated forage or graze livestock on treated fields.
Cotton (OK & TX)	Fleahoppers		
Safflower (grown in CA)	Aphids Leafhoppers Lygus bugs Thrips	¾-1 ½ pt/A	14 Repeat application should not be made at intervals closer than 14 days. make only three applications per season at the higher rates.
Sorghum	Aphids (green bugs)	¾-1 pt/A	Do not feed or graze within 28 days of last application. Do not apply after sorghum has headed. No more than three applications per season. May be applied through ground or aerial application equipment. May be used in low volume applications.
Wheat (K, TX, OK only)	Aphids (green bug)	¾-1 pt/A	60 Do not make more than 2 applications per season. Do not allow livestock to graze within 14 days of last application. May be applied through ground or aerial application equipment. May be used on low volume applications.
	Brown wheat mite	¾-¾ pt/A	

7048

CROP USES			
CROPS	PESTS CONTROLLED	RATE	INTERVAL (DAYS) BETWEEN LAST APPLICATION AND HARVEST
FRUITS AND NUTS			
Citrus (non-bearing)	Thrips Aphids	<p>Foliar Spray: 1 1/2 pts Rebelate per 100 gals of water. Repeat applications as necessary. Soil Drench: (trees 1-3 years old) 3 quarts Rebelate per acre applied in the furrow or basin around the base of the tree. Apply when insect injury to new growth appears.</p> <p>Rebelate should be used only on nursery stock and non-bearing trees, except as directed below for foliar sprays applied to lemons and oranges. Do not apply in the year trees begin to bear a crop except for lemons and oranges. Consult your state agricultural extension service for proper timing of applications.</p>	
Grapefruit Lemons Oranges Tangerines	Aphids	Ground Equipment: 1/2-1 1/2 pts/100 gals water. Apply as an outside coverage spray. Aircraft Equipment: 3-6 pts/A in 15-20 gals water.	15
	Mites (except rust mites)	Ground Equipment: 1/2-1 1/2 pts/100 gals water. Apply as thorough distribution coverage spray.	15
	Scales (except black or snow)	Ground Equipment: 1 1/2-2 1/2 pts/100 gals water. Apply as thorough coverage spray.	45
	Thrips	Ground Equipment: 1/2-1 1/2 pts/100 gals water. Apply as a mist spray. Aircraft Equipment: 3-6 pts/A in 15-20 gals water.	15
	White Flies	Ground Equipment: 1 1/2 pts/100 gals water. Apply as a thorough distribution coverage spray.	15
		<p>DO NOT APPLY DURING BLOOM PERIOD. DO NOT USE ON CITRUS SEEDLINGS. MAKE NO MORE THAN TWO APPLICATIONS TO MATURE FRUIT. DO NOT ENTER TREATED GROVES WITHIN 4 DAYS OF LAST APPLICATION.</p> <p>Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom. Do not graze livestock in treated groves.</p>	
Apples Pears	Aphids Leafhoppers Pear psylla Mites (except rust mites)	1/2-1 1/2 pts/100 gals water	<p>28</p> <p>Do not apply during the bloom period. Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom. Do not graze livestock in treated groves.</p>
Pecans	Aphids	1 pt/100 gal water/A. Apply only with ground equipment as a thorough coverage spray. Do not apply within 21 days of harvest. Do not graze livestock in treated groves.	

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.

Sevin is a registered trademark of Rhone-Poulenc.

Diazinon is a registered trademark of Ciba-Geigy Corporation.

Pydrin is a registered trademark of the parent company of

Farbenfabriken GmbH Leverkusen.

Kelthane is a registered trademark of Rohm and Haas Company.

X-77 Spreader is a registered trademark of Chevron Chemical Company.

Rebelate is a registered trademark of BASF Corporation.

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