

- c. Apparently the product name was inadvertently omitted from two sentences in the fifth paragraph under the heading "Storage and Disposal" and also from the second paragraph on the next page. Complete these sentences accordingly.

i.e. "Setre 5 lb. Dimethoate is a clear liquid".

"Do not store Setre 5 lb. Dimethoate
below 32 °F . . .".

"Setre 5 lb. Dimethoate can be applied . . .".


- d. The four (4) day reentry interval for grapes and citrus which appears on your labeling under the directions for use on these crops must also be reflected under your "Re-entry" and re-entry warning paragraphs on the third page of your labeling.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

4. Submit the 1-year storage stability data within 15 months from the date of this Registration Notice.

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 constitutes acceptance of these conditions.

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


William H. Miller
Product Manager (16)
Insecticide-Rodenticide Branch
Registration Division (W7505C)

Enclosures

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ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 04 1990

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

38167-13

5 lb. DIMETHOATE
Systemic Insecticide

ACTIVE INGREDIENT:

Dimethoate 0,0-dimethyl S-(N-methylcarbamoylmethyl)	
phosphorothioate	57.0 %
INERT INGREDIENTS	43.0 %
TOTAL	100.0 %

This product contains 5 lbs. dimethoate per gallon.

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

SEE INSIDE PAMPHLET FOR DIRECTIONS FOR USE AND ADDITIONAL
PRECAUTIONS.

PRECAUCION AL USARIO: Si usted no lee ingles no use este
producto hasta que le etiqueta haya sido explicado ampli-
amente.

SN-031088

EPA REG. NO.

EPA EST. NO.: first letters of batch code
indicate producing establishment:

5905-GA-1 = CG 5905-AR-1 = WA 5905-IA-DI

5905-FL-1=TF 5905-CA-1 = KC

RQ Insecticide, Liquid, N.O.S.,
(Dimethoate), Flammable Liquid, NA 1993

NET CONTENTS:



Manufactured by
SETRE CHEMICAL COMPANY
MEMPHIS, TN 38137

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER - PELIGRO

Corrosive causes irreversible eye damage. Wear goggles, face shields or safety glasses. May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water (after handling and before eating, drinking or using tobacco). Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES - Hold eyelids open and flush with a steady gentle stream of water for 15 minutes.

IF SWALLOWED - Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN - Wash with plenty of soap and water. Get medical attention if irritation persists.

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

NOTE TO PHYSICIAN: The product may cause cholinesterase inhibition. Antidote is Atropine.

ENVIRONMENTAL HAZARDS

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.

This pesticide is toxic to wildlife and aquatic invertebrates. Do not apply directly to water or wetland. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS

Flammable. 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.

RE-ENTRY

Do not enter treated areas without protective clothing until sprays have dried. 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. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

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. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers.

Written or oral warnings must include the following information:

WARNING

(Insert area or field description) treated with Dimethoate on (insert date of application). Do not enter treated areas without protective clothing until sprays have dried. In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Dimethoate and describe his condition. For further information see the center panel of the pesticide label.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool, dry area.

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 you 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: Triple rinse. Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Is a clear liquid. When added to water, it will disperse readily and will remain physically stable with a minimum amount of agitation. Do not store below 32°F, as it may tend to crystallize. Avoid storage above 90°F, as prolonged storage above 90°F, may cause some loss in grade.

Do not use, pour, spill or store near heat or flame.

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Apply this product only as specified on this label.

Application equipment: can be applied by any pressure sprayer that will give uniform distribution of the spray such as ground sprayers, aerial sprayers or portable sprayers.

Required Clothing and Equipment for Application:

All applicators, 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 is 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.

Aerial Application:

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.

This product is intended for use by the commercial grower or commercial applicator in conventional hydraulic sprayers, ground applicators or airplane sprayers. When applying by ground equipment, use the recommended amount in sufficient water for thorough coverage; by aircraft, in 2 to 10 gallons of water unless otherwise specified. Do not apply when weather conditions favor drift of spray from areas treated. Repeat applications as necessary unless otherwise specified. Consult your state experiment station or state extension service for proper timing of applications.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

CONVERSION CHART

1 cup = 8 fl.oz.

1 pint = 16 fl.oz.

1 quart = 32 fl.oz.

1 gallon = 128 fl.oz.

CROP	PESTS CONTROLLED	RATE	INTERVAL (DAYS) BETWEEN LAST APPLICATION AND HARVEST
FRUIT: Apples	Apple maggot * Codling moth **	12.8 fl. oz. per 100 gals. water	28 Do not apply during the bloom period. Apply at petal-fall and every 10 to 14 days thereafter until control is achieved *Under heavy infestations some sting injury may occur. *Midwest and eastern states only. Do not graze livestock in treated orchards.
Apples Pears	Aphids, leafhoppers, mites (except rust mites)	6.4 to 12.8 fl. oz per 100 gals. water	28 Do not apply during the bloom period. Do not graze livestock in treated orchards.
Grapes (California raisin, wine, table and canning grapes)	Grape leafhopper, Pacific spider mite	38.4-51.2 fl. oz per acre. Do not apply more than 51.2 fl. oz. per acre. Use higher rate where resistance is present. Dilution Rate and Method of Application: Aerial Application: Apply in 15-30 gal. of water per acre. Ground Application: Apply through concentrate spray equipment in 20-40 gals. of water per acre; or through dilute equipment in 200-400 gals. of water per acre depending upon vine growth density. Repeat applications as necessary.	28 Field Re-entry - 4 days To avoid objectionable (visible) deposits on canning or table grapes at maturity, do not apply after berries reach 0.25 inch in diameter.

CROP	PESTS CONTROLLED	RATE	INTERVAL (DAYS) BETWEEN LAST APPLICATION AND HARVEST
Grapefruit Lemons Oranges Tangerines	Aphids	Ground Equipment: 6.4-12.8 fl. oz. per 100 gals. water. Apply as an outside coverage spray. Aircraft Equipment: 25.6-51.2 fl. oz. per acre in 5 to 10 gals. water. Do not graze livestock in treated orchards.	15
	Mites (except rust mites)	Ground Equipment: 6.4-12.8 fl. oz. per 100 gals. water. Apply as a thorough distribution coverage spray.	15
	Scales (except black or snow)	Ground Equipment: 12.8-19.2 fl. oz. per 100 gals. water. Apply as a thorough coverage spray.	45
	Thrips	Ground Equipment: 6.4-12.8 fl. oz. per 100 gals. water. Apply as a mist spray. Aircraft Equipment: 25.6-51.2 fl. oz. per acre in 5-10 gals. water.	15
	Whiteflies	Ground Equipment: 12.8 fl. oz. per 100 gals. water. Apply as a thorough distribution coverage spray.	15
Do not apply during bloom period. Do not use on citrus seedlings. Make no more than 2 applications to mature fruit. Do not enter treated groves within 4 days of last application.			

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CROP	PESTS CONTROLLED	RATE	INTERVAL (DAYS) BETWEEN LAST APPLICATION AND HARVEST
NUTS:			
Pecans	Aphids, mites, leafhoppers	Ground Equipment: 8.4 fl. oz. per acre	21 Do not graze livestock in treated groves.
	Aphids	Aerial Equipment: 8.4 fl. oz. per acre in a minimum of 5 gals. of finished spray.	
VEGETABLE CROPS:			
Beans (green, lima, snap, dry)	Aphids, grasshoppers, leafhoppers, leaf miners, lygus bugs, mites	6.4 to 12.8 fl. oz. per acre	Beans may be harvested on day of application. Do not feed treated vines. Do not apply if the crops or weeds in the treatment area are in bloom.
Broccoli Cauliflower	Aphids	6.4-12.8 fl. oz. per acre	7
Cabbage	Aphids	6.4-12.8 fl. oz. per acre	3
Head Lettuce	Aphids, leafhoppers, leaf miners	6.4 fl. oz. per acre	7
Celery (Florida)	Leaf miners	12.8 fl. oz. per acre	7
Leaf Lettuce Spinach Collards Kale Turnip (greens and roots) Mustard Greens Swiss Chard Endive (Escarole)	Aphids, leafhoppers, leaf miners	6.4 fl. oz. per acre	45
Melons (except watermelons)	Aphids, leafhoppers, leaf miners, thrips	12.8 fl. oz. per acre	3
Watermelons	Aphids, leaf miners, leafhoppers	6.4-12.8 fl. oz. per acre	3

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CROP	PESTS CONTROLLED	RATE	APPLICATION AND HARVEST
Peas	Aphids	4.2 fl. oz. per acre	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. Make no more than one application per season to peas. Do not apply if crop or weeds in treatment area are in bloom.
Peppers	Aphids, leaf miners, maggots	4.4 to 8.4 fl. oz. per acre	Peppers may be harvested on day of application.
Potatoes	Aphids, grasshoppers, leaf miners, leafhoppers	6.4-12.8 fl. oz. per acre	Potatoes may be harvested on day of application.
Tomatoes	Aphids, leaf miners, leafhoppers	6.4-12.8 fl. oz. per acre	7
FIELD CROPS: Alfalfa	Aphids, grasshoppers, leafhoppers, lygus bugs, reduction of alfalfa weevil larvae.	6.4-12.8 fl. oz. per acre	Do not apply to alfalfa in the bloom period. Do not apply within 10 days of harvest or pasturing. Make only one application per cutting. Effective only on cutting to which applied.
Field Corn	Banks grass nites (excluding Trans-Pecos area of Texas)	8.4-12.8 fl. oz. per acre Aerial Application: Spray over the foliage when sites appear. Apply above rates in 1 or more gals. of water per acre.	14 Apply as necessary. Make no more than 3 applications per year. Do not feed or graze within 14 days of last application. (Do not apply to corn during the pollen-shed period.
	Grasshoppers	12.8 fl. oz. per acre Ground Application: Apply above rate in 20 to 40 gals. of water per acre. Aerial Application: Apply above rate in 1 or more gals. of water per acre.	
Cotton (grown in California and Arizona)	Lygus bugs, leafhoppers, black fleahoppers	6.4-12.8 fl. oz. per acre	14 Repeat applications should not be made at intervals closer than 14 days. Make only 2 applications per season at the higher rate. Do not feed treated forage or graze livestock on treated fields.
Cotton	Aphids, mites, thrips, fleahoppers	3.2-6.4 fl. oz. per acre	14 Repeat applications should not be made at intervals closer than 14 days. Do not feed treated forage or graze livestock on treated fields.

CROP	PESTS CONTROLLED	RATE	INTERVAL (DAYS) BETWEEN LAST APPLICATION AND HARVEST
Sorghum (milo)	Aphids	6.4-12.8 fl. oz. per acre	Do not feed or graze within 28 days of last application. Make no more than 3 applications as needed per season.
		Ground Application: Apply	
		above rates in 25 to 40 gals. of water per acre.	
		Aerial Application: Apply	
		above rates in 1 or more gals. of water per acre.	Do not apply after heading.
	Banks grass mites	12.8 fl. oz. per acre	
	(excluding Trans-Pecos area of Texas)	Ground Application: Apply	
		above rate in 25 to 40 gals. of water per acre.	
		Aerial Application: Apply	
		above rate in 1 or more gals. of water per acre.	
	Grasshoppers	12.8 fl. oz. per acre	
		Ground Application: Apply	
		above rate in 25 to 40 gals. of water per acre.	
		Aerial Application: Apply	
		above rate in 1 or more gals. of water per acre.	
	Sorghum midge	3.2-6.4 fl. oz. per acre	
		Aerial Application: Apply	
		above rates in 1 or more gals. of water per acre.	
Soybeans	Mexican bean beetle, spider mites, bean leaf beetle	12.8 fl. oz. per acre	21 Do not feed or graze within 3 days of last application.
		Aerial Application: Apply	
		recommended rate in a minimum of 2 gals. of water per acre.	
	Grasshoppers	12.8 fl. oz. per acre	
		Ground Application: Apply	
		above rate in 25 to 40 gals. of water per acre.	
		Aerial Application: Apply	
		above rate in 1 or more gals. of water per acre.	
Wheat	Aphids (greenbugs)	6.4-9.6 fl. oz. per acre	Do not apply within 14 days of grazing immature plant. Do not harvest grain within 60 days of last application. Make no more than 2 applications as needed per season.
	Brown wheat mite	4.2-6.4 fl. oz. per acre	
	Grasshoppers	9.6 fl. oz. per acre	

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CROP	PESTS CONTROLLED	RATE	INTERVAL (DAYS) BETWEEN LAST APPLICATION AND HARVEST
SEED CROPS:	Aphids, leafhoppers, lygus	6.4-12.8 fl. oz. per acre	Do not apply to alfalfa in the
Alfalfa	bugs, grasshoppers, re-		bleom period. Do not feed or
	duction of alfalfa weevil		graze livestock in treated crops,
	larvae		hay, threshings or stubble within
			10 days of application.

Where cabbage worms and cabbage loopers are a problem, the above rates are compatible with endosulfan, salathion or parathion. Use in accordance with the manufacturers' directions for control of these insects.

ATTENTION: DO NOT USE ON SEED ONIONS, SEED CARROTS, OR SEED BERMUDA GRASS.

CITRUS TREES-NONBEARING AND NURSERY STOCK

Consult your state agricultural experimental station or state agricultural extension service for proper timing of applications.

PLANT	PESTS CONTROLLED	AMOUNT
CITRUS:	Aphids, thrips	Foliar Sprays 12.8 fl. oz. per 100 gals. of water.
(California,		Repeat applications as necessary. May be applied
Arizona)		in the year grapefruit, lemon, orange and tangerine
Grapefruit		trees begin to bear fruit. Do not enter treated
Lemons		groves within 4 days of last application.
Oranges		
Tangerines		

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**CONDITIONS OF SALE—LIMITED WARRANTY
AND LIMITATIONS OF LIABILITY AND REMEDIES**

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Setre or seller. In addition, failure to follow label directions may cause injury to other crops, animals, man or the environment. Setre warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of Setre. Setre makes no other warranties or representations of any kind, express or implied, concerning the product, including **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE**, and no such warranty shall be implied by law.

The exclusive remedy against Setre for any cause of action relating to the handling or use of this product is a claim for damage and in no event shall damages or any other recovery of any kind against Setre exceed the price of the product which causes the alleged loss, damage, injury, or other claim. Setre shall not be liable and any and all claims against Setre are waived, for special, indirect, incidental, or consequential damages or expenses, of any nature, including, but not limited to, loss of profits or income, whether or not based on Setre's negligence, breach of warranty, strict liability in tort or any other cause of action.

Setre and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.