

Reg # 34704-489

PM-14

192

ACCEPTED

JUN 19 1989

Under the Federal Insecticide,
Fungicide, and Rodenticide Act, or amended by the
pesticide registered under
EPA Reg. No. 34704-489

DIMETHOATE 2.67 EC

RQ INSECTICIDE,
LIQUID, N.O.S.,
COMBUSTIBLE LIQUID
NA 1993

ACTIVE INGREDIENTS:		BY WT.
Dimethoate O,O-Dimethyl S-(N-methylcarbamoylmethyl) phosphorodithioate	30.5%
INERT INGREDIENTS:	69.5%
TOTAL		100.0%

Contains 2.67 lbs. active ingredients per gal

EPA Reg. No. 7001-187-AA EPA Est. No. 7001-Ca-1

KEEP OUT OF REACH OF CHILDREN WARNING AVISO

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

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful or fatal if swallowed. Avoid breathing vapor or spray mist

Avoid contact with skin, eyes and clothing. May cause eye irritation. Use only with adequate ventilation. Wash with soap and water before eating or smoking. Do not contaminate food or feed products.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED do not induce vomiting. Call a physician immediately.

IF ON SKIN remove contaminated clothing and wash skin with soap and water. Launder clothing before reuse.

IF INHALED remove victim to fresh air. Apply artificial respiration if breathing has stopped. Call a physician.

IF IN EYES flush with water for at least 15 minutes. Get medical attention.

NOTE TO PHYSICIAN: Atropine is antidotal. Pralidoxime chloride may be effective as an adjunct to atropine. This product may cause cholinesterase inhibition. Aspirated cyclohexanone may cause severe lung damage. If swallowed stomach contents should be evacuated quickly in a manner which avoids aspiration. Otherwise treatment should be directed at the control of symptoms and clinical condition.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crabs, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. 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.

Highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Co-operative Agricultural Extension Service.

CHEMICAL HAZARDS

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

RE-ENTRY STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other person. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Certain states require more restrictive reentry 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. When oral warnings are given, warnings shall be given in 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: Area treated with Dimethoate on (date of application); Do not enter without appropriate protective clothing until sprays have dried.

REQUIRED CLOTHING AND EQUIPMENT FOR APPLICATION

All applicators, including homeowners, flaggers and all personnel involved with 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: 1) Impermeable gloves (example, rubber or plastic covered reinforced gloves) 2) Boots or boot covers 3) long-sleeved shirt and long pants 4) wide brimmed hats 5) respirators must be worn by flaggers and mixer/loaders.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry, well ventilated area. Avoid high temperatures.

DISPOSAL: 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 DILUTION UNLESS STATED

Number in parenthesis for recommendations in crops indicate the maximum number of pints per acre.

DILUTE APPLICATION: Ground Application For Field & Vegetable Crops: Apply specified rate in 20 to 60 gallons of water per acre.

CONCENTRATE APPLICATION: Ground Application. Apply specified rate in not less than 5 gallons of water per acre. Orchard Application. Apply equivalent per acre rates in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

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AIR APPLICATION: Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates use equivalent per acre rate in not less than 10 gallons of water per acre. Do not use air application on pecans.

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

DIRECTIONS FOR USE

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

ALFALFA: *Aphid, leafhoppers, lygus bugs, grasshoppers and reduction of alfalfa weevil larvae, plant bugs*—Apply $\frac{1}{2}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply to alfalfa in the bloom period. For alfalfa hay, do not apply within 10 days of harvest or pasturing—make only 1 application per year. For alfalfa seed, do not feed or graze livestock on treated crops, hay threshings or stubble within 20 days of application. (1%)

APPLES & PEARS: *Aphid, leafhoppers, mites (except rust mite)*—Apply $\frac{1}{2}$ -1 $\frac{1}{2}$ pints per 100 gallons of water. Do not apply within 28 days of harvest. Do not graze livestock on cover crops grown in treated orchards. (18)

BEANS, (green, lima, snap and dry): *Aphids, leafhoppers, leaf miners, mites, lygus bugs, bean leaf beetle, Mexican bean beetle*—Apply $\frac{1}{2}$ -1 $\frac{1}{2}$ pints per acre. No time limitation. Do not feed treated vines to livestock (1%)

BROCCOLI, CAULIFLOWER & BRUSSELS SPROUTS: *Aphid*—Apply $\frac{1}{2}$ -1 $\frac{1}{2}$ pints per acre. Do not apply within 7 days of harvest. (1%)

CABBAGE: *Aphids*—Apply $\frac{1}{2}$ -1 $\frac{1}{2}$ pints per acre. Do not apply within 7 days of harvest. (1%)

CITRUS (grapefruit, lemons, oranges, tangerines): *Aphids, mites (except rust mite), thrips*—Apply $\frac{1}{2}$ -1 $\frac{1}{2}$ pints per 100 gallons of water. Do not apply during bloom period. Do not use on seedlings. Do not apply within 15 days of harvest. Make no more than 2 applications to mature fruit. *Scales (except black or snow)* apply 1 $\frac{1}{2}$ -2 $\frac{1}{2}$ pints per 100 gallons of water. *Whiteflies* Apply 1 $\frac{1}{2}$ pints per 100 gallons of water. Do not apply within 45 days of harvest. Do not apply during bloom period. Do not use on seedlings. Make no more than 2 applications to mature fruit. Do not enter groves or nurseries within 4 days of application. Do not graze livestock on cover crops grown in treated orchards. (45)

CITRUS (non-bearing) California & Arizona only: *Thrips, aphid*—Foliar spray—apply 1 $\frac{1}{2}$ pts. per 100 gallons of water. Repeat as necessary. Use only on nursery stock and other non-bearing trees (trees that will not bear fruit within one year). Soil drench, apply 3 qts. per acre in the basin or furrow around the base of the tree. Apply when insects injury to new growth appears. Use only on nursery stock and other non-bearing (trees that will not bear fruit within 1 year). Do not enter groves or nurseries within 4 days of application. Do not graze livestock on cover crops grown in treated orchards. (30)

COTTON: *Aphid, mites, thrips, leafhoppers, plant bugs*—Apply 1.3-2.3 pint per acre. Do not apply within 14 days of harvest. Repeat applications should not be made in intervals closer than 14 days. Do not feed treated forage or graze livestock on treated fields. (2.3)

COTTON (use restricted to California and Arizona): *Lygus bug, leafhoppers, black fleahopper*—Apply $\frac{1}{2}$ -1 $\frac{1}{2}$ pints per acre. Do not apply within 48 hours of harvest. Repeat applications should not be made at intervals closer than 14 days. No more than 2 applications per season. Do not feed treated forage or graze livestock on treated fields. (1%)

FIELD CORN: *Aphids, bean beetles, corn rootworm adults, mites, thrips, fleahoppers*—Apply 1 to 1 $\frac{1}{2}$ pts. per acre when insects first appear. Apply as needed using a maximum of 3 applications per year. Do not apply within 14 days of harvest if corn is used for forage and 42 days if used for grain.

LENTILS: *Aphid, lygus bugs*—Apply $\frac{1}{2}$ to 1 $\frac{1}{2}$ pts. per acre when insects first appear. Use the higher application rate for lygus control. Repeat applications as needed. Do not apply within 7 days of harvest. Do not feed or graze hay or treated vines.

LETTUCE (head): *Aphid, leafhoppers, leaf miners*—Apply $\frac{1}{2}$ pint per acre. Do not apply within 7 days of harvest. (1%)

LETTUCE (leaf), COLLARDS, ENDIVE (escarole), KALE, MUSTARD GREENS, SPINACH, SWISS CHARD, TURNIPS (greens and roots):

Aphid, leafhoppers, leaf miners—Apply $\frac{1}{2}$ pint per acre. Do not apply within 14 days of harvest. (1%)

MELONS (except watermelons): *Aphids, leafhoppers, leaf miners, thrips*—Apply 1 $\frac{1}{2}$ pints per acre. Do not apply within 3 days of harvest. (1%)

WATERMELONS: *Aphid, leafhoppers, leaf miners*—Apply $\frac{1}{2}$ -1 $\frac{1}{2}$ pints per acre. Do not apply within 3 days of harvest. (1%)

PEAS: *Aphids*—Apply $\frac{1}{2}$ pint 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 being used. Make no more than one application per growing season. (1%)

PECANS: *Aphids, mites, leafhoppers*—Apply 1 pint per acre by ground equipment only. Do not apply within 21 days before harvest. Do not graze livestock in treated groves. Apply in 100-500 gallons of water per acre. (1)

PEPPERS: *Aphid, leaf miners, maggots*—Apply $\frac{1}{2}$ -1 pint per acre. No time limitation. (1)

POTATOES: *Aphid, leafhoppers, leaf miners*—Apply $\frac{1}{2}$ -1 $\frac{1}{2}$ pints per acre. Potatoes may be harvested on day of application. (1%)

SAFFLOWER (use restricted to California and Arizona): *Aphid, leafhoppers, lygus bugs, thrips*—Apply $\frac{1}{2}$ -1 $\frac{1}{2}$ pints per acre. Do not apply within 14 days of harvest. Repeat application should not be made at intervals closer than 14 days. No more than two applications per season. (1%)

SORGHUM: *Aphids, mites*—Apply $\frac{1}{2}$ -1 $\frac{1}{2}$ pints per acre. Do not feed or graze within 28 days of last application. Do not apply after heading. No more than three applications per season. (1%)

SOYBEANS: *Leafhoppers, alfalfa loopers, Mexican bean beetle, spider mites*—Apply 1 $\frac{1}{3}$ pts. per acre. Do not feed or graze within 5 days of last application. Do not apply within 21 days of harvest.

TOMATOES: *Aphid, leafhoppers, leaf miners*—Apply $\frac{1}{2}$ -1 $\frac{1}{2}$ pints per acre. Do not apply within 7 days of harvest. (1%)

WHEAT: *Aphids (including greenbug), brown wheat mite*—Apply 3/4 - 1 pint per acre. Do not apply within 14 days of grazing immature plants. Do not harvest grain within 60 days of last application. Make no more than two applications per growing season. (1).

PINYON PINE: *Pinon needle scale*—Apply 3 gallons in 100 gallons of water. Apply spray to egg masses at the base of the trees and to all rough bark and crotches that can be reached from the ground. Make this bark application when crawlers start to emerge from the eggs. Use hydraulic or back-pack sprayer. Do not spray leaves or needles. Do not apply if used as pinon nut production.

DOUGLAS FIR: *Fir cone midge*—Apply $\frac{1}{2}$ gallon in 100 gallons of water. Make thorough coverage applications when cones are closed and pendant. Use hydraulic or back-pack sprayer.

PINES: *Loblolly pine sawfly*—Apply 3.8- $\frac{1}{2}$ pints per acre in 2 gallons of water. Apply by aircraft when air is calm and the temperature is below 68°F. Apply when most larvae are in the second and third instar. Do not use on pines that are for pine nut production. AGC 520 (2/88)

NET CONTENTS: 2 $\frac{1}{2}$ GALLONS

Simplot

J. R. SIMPLOT COMPANY

Agricultural Chemicals Department

P O Box 198

P O Box 15057

Lathrop, CA 95330

Boise ID 83715

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