

Reg # 34704-489

PM-14

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DIMETHOATE 2.67 EC

ACCEPTED

SEP 09 1990

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

SYSTEMIC INSECTICIDE-MITICIDE

ACTIVE INGREDIENT:

Dimethoate O,O-Dimethyl S-(N-methylcarbamoylmethyl) phosphorodithioate 30.5%

INERT INGREDIENTS: 69.5%

TOTAL 100.0%

Contains 2.67 lbs. active ingredient per gal.

KEEP OUT OF REACH OF CHILDREN WARNING AVISO

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

See Below For Additional Precautionary Statements.

EPA REG. NO. 34704-489 EPA EST. NO. 279-CA-1
NET CONTENTS 2 1/2 GALLONS

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING—AVISO

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 Cooperative Agricultural Extension Service.

CHEMICAL HAZARDS

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

DIRECTIONS FOR USE

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

REENTRY STATEMENTS

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 va-

lued 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 or oral warnings must include the following information:

WARNING

Area treated with Dimethoate on (date of application). Do not enter without appropriate protective clothing until sprays have dried.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry, well ventilated area. Avoid temperatures below 32°F or above 90°F.

CONTAINER DISPOSAL—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. **Plastic:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **Glass:** Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures.

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.

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. Pickets 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.

DIRECTIONS FOR DILUTION UNLESS STATED

Number in parenthesis for recommendations in crops indicates 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.

AIR APPLICATION: Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates use equivalent per acre rates 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.

CROPS

ALFALFA: Aphids, leafhoppers, lygus bugs, grasshoppers and reduction of alfalfa weevil larvae, plant bugs—Apply 3/4-1 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, freshings or stubble within 20 days of application. (1 1/2)

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APPLES & PEARS: *Aphids, leafhoppers, mites (except rust mite)*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. 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 $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. No time limitation. Do not feed treated vines to livestock. (1 $\frac{1}{2}$)

BROCCOLI & CAULIFLOWER: *Aphids*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply within 7 days of harvest. (1 $\frac{1}{2}$)

CABBAGE: *Aphids*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply within 7 days of harvest. (1 $\frac{1}{2}$)

CITRUS (grapefruit, lemons, oranges, tangerines): Do not apply during bloom period. Do not use on seedlings. Do not apply within 15 days of harvest, except do not apply within 45 days of harvest for scale control rates over 1 $\frac{1}{2}$ pts. per 100 gallons of water. 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. *Aphids, mites (except rust mite), thrips*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per 100 gallons of water. *Scales (except black or snow)*—Apply 1 $\frac{1}{2}$ -2 $\frac{1}{4}$ pts. per 100 gallons of water. *Whiteflies*—Apply 1 $\frac{1}{2}$ pts. per 100 gallons of water. (45)

CITRUS (non-bearing) California & Arizona only: *Thrips, aphids*—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 one 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: *Aphids, mites, thrips, fleahoppers, plant bugs*—Apply $\frac{1}{3}$ - $\frac{2}{3}$ pt. 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 $\frac{1}{3}$)

COTTON (use restricted to California and Arizona): *Lygus bugs, leafhoppers, black fleahopper*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. 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 $\frac{1}{2}$)

FIELD CORN: *Aphids, bean beetles, corn rootworm adults, mites, thrips, fleahoppers*—Apply 1-1 $\frac{1}{2}$ 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 $\frac{3}{4}$ -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): *Aphids, leafhoppers, leaf miners*—Apply $\frac{3}{4}$ pt. per acre. Do not apply within 7 days of harvest. (3 $\frac{1}{4}$)

LETTUCE (leaf), COLLARDS, ENDIVE (escarole), KALE, MUSTARD GREENS, SPINACH, SWISS CHARD, TURNIPS (greens and roots): *Aphids, leafhoppers, leaf miners*—Apply $\frac{3}{4}$ pint per acre. Do not apply within 14 days of harvest (3 $\frac{1}{4}$)

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

WATERMELONS: *Aphids, leafhoppers, leaf miners*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply within 3 days of harvest. (1 $\frac{1}{2}$)

PEAS: *Aphids*—Apply $\frac{1}{2}$ pt. 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 $\frac{1}{2}$)

PECANS: *Aphids, mites, leafhoppers*—Apply 1 pt. 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: *Aphids, leaf miners, maggots*—Apply $\frac{3}{4}$ -1 pt. per acre. No time limitation. (1)

POTATOES: *Aphids, leafhoppers, leaf miners*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Potatoes may be harvested on day of application. (1 $\frac{1}{2}$)

SAFFLOWER (use restricted to California and Arizona): *Aphids, leafhoppers, lygus bugs, thrips*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply within 7 days of harvest. Repeat applications should not be made at intervals closer than 14 days. No more than two applications per season. (1 $\frac{1}{2}$)

SORGHUM: *Aphids, mites*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. 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 $\frac{1}{2}$)

SOYBEANS: *Leafhoppers, alfalfa loopers, Mexican bean beetles, spider mites*—Apply 1 $\frac{1}{2}$ pts. per acre. Do not feed or graze within 5 days of last application. Do not apply within 21 days of harvest

TOMATOES: *Aphids, leafhoppers, leaf miners*—Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply within 7 days of harvest. (1 $\frac{1}{2}$)

WHEAT: *Aphids (including greenbug), brown wheat mite*—Apply $\frac{3}{4}$ -1 pt. 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: *Pinyon 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 the 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 pinyon nut production.

DOUGLAS FIR: *Fir cone midge*—Apply $\frac{3}{4}$ gallon in 100 gallons of water. Make thorough coverage applications when cones are closed and pendent. Use hydraulic or back-pack sprayer.

PINES: *Loblolly pine sawfly*—Apply $\frac{3}{8}$ - $\frac{3}{4}$ pt. 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.

NOTICE OF WARRANTY

Platte Chemical Co. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label, only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of the product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Platte. In no case shall Platte be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Platte makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

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