

Reg # 279-2821

PM-14

173

Code 3273

Net Contents

Dimethoate 267

Systemic Insecticide

For Agricultural or Commercial Use Only

EPA Reg. No. 279-2821 AA

EPA Est. 279-

Active Ingredients:	By Wt.
*O,O-Dimethyl S-[(methylcarbamoyl)methyl] phosphorodithioate	30.5%
Inert Ingredients:	69.5%
	100.0%

*Dimethoate
 Contains 2.67 pounds dimethoate per gallon.
 *Contains xylene range aromatic solvents.

The buyer of this material (including its ultimate user) is granted a license under U.S. Patent No. 3,210,242 limited to the use of the within contents. A prepaid royalty being included in the selling price a non-transferable license under such patent may be obtained from the patent owner on current royalty terms whatever the source of Dimethoate used.

PRECAUTIONARY STATEMENTS

Hazards to Humans (and Domestic Animals)

Warning

Vapor harmful. Concentrated material causes eye irritation. Avoid breathing vapor or spray mist. Use only with adequate ventilation. Avoid contact with skin and eyes. Harmful if swallowed. Wash thoroughly after handling and before smoking or eating.

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife. Birds feeding on treated areas may be killed. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply where runoff is likely to occur. Do not allow this material to drift onto neighboring crop or non-crop areas or use in a manner or at a time other than in accordance with the label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Restrict application to the period after dark when bees are inside the hive or in the early morning before the bees are foraging in the fields. Protective information may be obtained from your Cooperative Agricultural Extension Service.

CHEMICAL OR PHYSICAL 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.

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

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.

Do not enter treated areas without protective clothing for 4 days.

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 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. 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 written warnings. 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:

WARNING

Area treated with Dimethoate 267 on (insert date). Do not enter without appropriate protective clothing for 4 days (insert State Department of Agriculture's re-entry interval, if more restrictive).

In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. 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.

**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 explicado ampliamente.

FIRST AID

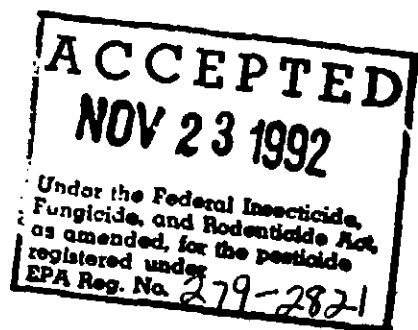
If in eyes, flush eyes with plenty of water for at least 15 minutes; get medical attention.

Antidote

Note To Physician: This product may cause cholinesterase inhibition. Atropine is antidotal.

For Emergency Assistance Call 716--735-3765

See Other Panels for Additional Precautionary Information



FMC Corporation
 Agricultural Chemical Group
 Philadelphia PA 19103

STORAGE AND DISPOSAL

Pesticide Storage

Do not store below 32 F. (0 C).

Do not use or store near heat, open flame or hot surfaces.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Contain spills. Call FMC collect: (716) 735-3765.

To contain spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

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

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. Do not cut or weld metal containers.

ENDANGERED SPECIES RESTRICTIONS

The following restrictions apply to use of this product after February 1, 1988.

Before using this pesticide on wheat and/or cotton in the counties listed below, you must obtain the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES for the county in which the product is to be used. The bulletin is available from your County Extension Agent, State Fish and Game Office, or your pesticide dealer. Use of this product in a manner inconsistent with the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES is a violation of Federal laws.

- Alabama**
Colbert, Greene, Jackson, Lamar, Lauderdale, Limestone, Madison, Marshall, Morgan, Pickens and Sumter
- Arkansas**
Clark, Clay, Cross, Lawrence, Lee, Poinsette, Randolph, Sharp and St. Francis
- California**
Alameda, Colusa, Glenn, Kern, Merced, Sacramento, Solano, Sutter, Tehama and Yolo
- Florida**
Broward, Dade, Glades and Palm Beach
- Kentucky**
Ballard, Butler, Edmundson, Green, Hart, Jackson, Laurel, Livingston, Marshall, McCracken, McCreary, Pulaski, Rockcastle, Taylor, Warren and Wayne
- Mississippi**
Itawamba, Lowndes, Monroe and Noxubee
- North Carolina**
Edgecombe, Nash and Pitt
- Tennessee**
Bedford, Blount, Claiborne, Decatur, Franklin, Hancock, Hardin, Hickman, Knox, Lincoln, Loudon, Marshall, Maury, Meigs, Monroe, Morgan, Rhea, Roane, Scott, Sequatchie, Smith, Sullivan and Wayne
- Virginia**
Lee, Russell, Scott, Smyth, Tazewell, Washington and Wise

Required Clothing and Equipment for Application

All applicators, including homeowners, 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

When applying by air, 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 recommended amount in sufficient water for thorough coverage, by aircraft equipment, in 2 to 10 gallons of water. Repeat applications as necessary unless otherwise specified. Consult your State Experiment Station or State Extension Service for proper timing of application. Observe days interval between last application and harvest indicated by number in () following the crop.

~~For control of Cabbageworms and Cabbage Loopers, the rates of Dimethoate 267 given for Beans, Broccoli, Cauliflower, Cabbage, Collards, Endive (Escarole), Kale, Leaf Lettuce, Mustard Greens, Spinach, Swiss Chard, Turnips, Head Lettuce, Melons, Peas, Peppers, Potatoes, Tomatoes, and Watermelons can be used in combination with endosulfan, malathion or parathion in accordance with manufacturer's directions.~~

Alfalfa (grown for hay): Aphids, Leafhoppers, Lygus Bugs, Grasshoppers, reduction of Alfalfa Weevil Larvae— $\frac{3}{4}$ to $1\frac{1}{2}$ pints 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 season. Effective only on cutting to which applied.

Alfalfa (grown for seed): Aphids, Leafhoppers, Lygus Bugs, Grasshoppers, reduction of Alfalfa Weevil Larvae— $\frac{3}{4}$ to $1\frac{1}{2}$ pints per acre. Do not apply to alfalfa during bloom period. Do not feed or graze livestock on treated crops, hay or stubble within 10 days of application.

Apples (28), Pears (28): Aphids, Leafhoppers, Mites (Except Rust Mites)—Use $\frac{3}{4}$ to $1\frac{1}{2}$ pints per 100 gallons of water. Do not apply during the bloom period. Do not allow livestock to graze in treated orchards.

Beans (Green, Lima, Snap, Dry) (0): Aphids, Leafhoppers, Leafminers, Lygus Bugs, Mites—Use $\frac{3}{4}$ to $1\frac{1}{2}$ pints per acre. Beans may be harvested on day of application. Do not feed treated vines to livestock.

Broccoli (7), Cauliflower (7): Aphids—Use $\frac{3}{4}$ to $1\frac{1}{2}$ pints per acre.

Cabbage (7): Aphids—Use $\frac{3}{4}$ to $1\frac{1}{2}$ pints per acre.

Cauliflower: See Broccoli

Collards (14), Endive (Escarole) (14), Kale (14), Leaf Lettuce (14), Mustard Greens (14), Spinach (14), Swiss Chard (14), Turnips (tops and roots) (14): Aphids, Leafhoppers, Leafminers—Use $\frac{3}{4}$ pints per acre.

Cotton (Early Season) (14): Aphids, Fleahoppers, Mites, Thrips—Use $\frac{1}{2}$ to $\frac{3}{4}$ pint per acre. Do not repeat applications within 14 days. Do not feed treated forage or graze livestock on treated fields.

Cotton (grown in Calif. and Arizona) (14): Black Fleahoppers, Lygus Bugs, Leafhoppers—Use $\frac{3}{4}$ to $1\frac{1}{2}$ pints per acre. Do not repeat applications within 14 days. At the higher rate make only two applications per season. Do not feed treated forage or graze livestock on treated fields.

Endive (Escarole): See Collards.

Lemons and Oranges: Do not apply during bloom period. Do not use on citrus seedlings. Make no more than two (2) applications to mature fruit. Do not enter groves within 4 days of last application.

Aphids—Do not apply within 15 days of harvest—Aircraft Equipment: Use 3 to 6 pints per acre in 15 to 20 gallons of water.—**Ground Equipment:** Use $\frac{3}{4}$ to $1\frac{1}{2}$ pints per 100 gallons of water. Apply as an outside coverage spray. Mites (except Rust Mites)—Do not apply within 15 days of harvest—**Ground Equipment:** Use $\frac{3}{4}$ to $1\frac{1}{2}$ pints per 100 gallons of water. Apply as a thorough distribution coverage spray. Scales (except Black or Snow)—Do not apply within 45 days of harvest—**Ground Equipment:** Use $1\frac{1}{2}$ to 2 $\frac{1}{2}$ pints per 100 gallons of water. Apply as a thorough coverage spray. Thrips—Do not apply within 15 days of harvest—**Aircraft Equipment:** Use 3 to 6 pints per acre in 15 to 20 gallons of water.—**Ground Equipment:** Use $\frac{3}{4}$ to $1\frac{1}{2}$ pints per 100 gallons of water. Whiteflies—Do not apply within 15 days of harvest—**Ground Equipment:** Use $1\frac{1}{2}$ pints per 100 gallons of water. Apply as a thorough distribution coverage spray. Do not allow livestock to graze in treated orchards.

Kale: See Collards

Head Lettuce (7): Aphids, Leafhoppers, Leafminers—Use $\frac{3}{4}$ pint per acre.

Leaf Lettuce: See Collards

Melons (3), except Watermelons: Aphids, Leafhoppers, Leafminers, Thrips—Use $1\frac{1}{2}$ pints per acre. **Watermelons only (3):** Aphids, Leafhoppers, Leafminers—Use $\frac{3}{4}$ to $1\frac{1}{2}$ pints per acre

Mustard Greens: See Collards

Oranges: See Lemons

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Pears: See Apples

Peas (0): Aphids—Use ½ 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 used. Only 1 application per season permitted.

Pecans (21): Aphids, Leafhoppers, Mites—Use in ground equipment only at the rate of 1 pint per acre. Do not graze livestock in treated groves.

Peppers (0): Aphids, Leafminers, Maggots—Use ¾ to 1 pint per acre. Peppers may be harvested on day of application.

Potatoes (0): Aphids, Leafminers, Leafhoppers—Use ¾ to 1½ pints per acre. May be harvested on day of application.

Spinach: See Collards

Swiss Chard: See Collards

Tobacco (21): Aphids—Use ¾ to 1 pint per acre.

Tomatoes (7): Aphids, Leafhoppers, Leafminers—Use ¾ to 1½ pints per acre.

Turnips: See Collards

Wheat (Grown in Texas, Oklahoma and Kansas): Aphids (Greenbug)—Use ¾ to 1 pint per acre. Brown Wheat Mites—Use ½ to ¾ pint per acre. Do not apply within 14 days of grazing immature plant. Do not harvest grain within 60 days of last application. Only 2 applications per season permitted.

Dealers Should Sell in Original Packages Only.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.

Use of Product: FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.