

### RESTRICTED USE PESTICIDE

Due to very high acute toxicity to Humans and Birds

For retail sale to and use only by certified applicator or persons under their direct supervision and only for those uses covered by the certified applicator's certification. Direct supervision for this product is defined as the certified applicator being physically present during application, mixing, loading, repair and cleaning of application equipment. Commercial certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

# Parathion 2 Coated Granules Insecticide

EPA Reg. No. 279-1957

EPA Est. 279-

Active Ingredient:	By Wt.
Parathion (O,O-diethyl-O-p-nitrophenyl-phosphorothioate).....	2.00%
Inert Ingredients:.....	98.00%
	100.00%

STOP! READ THE LABEL



**CAN KILL YOU**

**DANGER**  
Keep out of reach of children

**POISON**  
See side panels for antidote and precautions

**ACCEPTED**

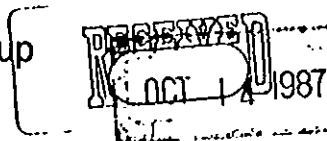
NOV 5 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 279-1957



FMC Corporation  
Agricultural Chemical Group  
Philadelphia PA 19103

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#### DANGER—POISON—PRECAUTIONS



#### POISONOUS IF SWALLOWED

This product can kill you if swallowed even in small amounts: spray mist or dust may be fatal if swallowed.



#### POISONOUS BY SKIN CONTACT

Poisonous if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes.)



#### POISONOUS IF BREATHED

Breathing vapors, spray mist or dust may be fatal.

THIS PRODUCT MAY BE FATAL IF SWALLOWED, INHALED, OR IF ALLOWED TO CONTACT SKIN. FAILURE TO PROPERLY FOLLOW ALL INSTRUCTIONS FOR PROTECTIVE CLOTHING AND EQUIPMENT WILL INCREASE YOUR RISK.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR AND CLEANING OF APPLICATION EQUIPMENT, DISPOSAL OF PESTICIDE, AND EARLY REENTRY INTO TREATED FIELDS:

Waterproof pants and coat; heavy-duty chemical-resistant gloves; rubber boots or rubber overshoes; hood or wide-brimmed hat; safety goggles or face shield; NIOSH approved respirator. In addition, mixer/loaders must wear a chemical resistant apron when using the concentrated product. During aerial application in nonenclosed cockpits, a helmet with a visor may be substituted for the hood or wide-brimmed hat and safety goggles or face shield requirements.

#### POISONOUS TO FISH AND WILDLIFE

##### POISON SIGNS (Symptoms)

PARATHION is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are: Headache, nausea, vomiting, cramps, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

#### WORK SAFETY RULES

IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE:

Heavy-duty chemical resistant gloves; chemical resistant apron, long-sleeved shirt (or gauntlets and short sleeve shirt) and long-legged pants; shoes and socks.

Safety goggles or a faceshield must be worn when the system is under pressure. All other protective clothing and equipment required for use with open systems must be available nearby.

IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB OR COCKPIT, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE:

Clean long-sleeved shirt and long-legged pants. All other protective clothing and equipment required for use during application must be available in the cab and must be worn when exiting the cab into treated areas. If used for this purpose, contaminated clothing may not be brought back into the cab unless in an enclosure such as a plastic bag.

REMEMBER—THIS CLOTHING IS NOT INTENDED TO PROTECT YOU DURING REPAIR AND CLEANING OF APPLICATION EQUIPMENT OR DURING EARLY REENTRY! REFER TO THE INSTRUCTIONS ABOVE.

HUMAN FLAGGERS ARE STRICTLY PROHIBITED DURING AERIAL APPLICATION.

IMPORTANT! If pesticide comes in contact with skin, wash off with soap and water, and contact a physician immediately. Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting.

AFTER WORK: Wash gloves with soap and water before removing. Take off all work clothes and shoes. Store protective clothing separately from personal clothing. Launder protective clothing after each use. Shower using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Personal clothing worn during mixing/loading, application, repair and cleaning of application equipment, disposal of pesticide, and early reentry into treated fields must be stored and laundered separately from household articles. Clothing and equipment heavily contaminated or drenched with parathion must be decontaminated according to state and local regulations.

HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

Respirator: should be cleaned and cartridges replaced according to instructions included with respirators. Replace gloves frequently.

#### FIRST AID TREATMENT

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition.

If breathing has stopped, start artificial respiration immediately and maintain until doctor sees victim.

If swallowed, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Never give anything by mouth to an unconscious person. Have victim lie down and keep quiet. See doctor immediately.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

#### NOTE TO PHYSICIAN

Antidote—administer atropine sulfate in large doses, TWO to FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear.

Calcium chloride is also antidotal and may be administered in conjunction with atropine. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Parathion is a strong cholinesterase inhibitor affecting central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvement; VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

FOR EMERGENCY ASSISTANCE CALL  
716-735-3765  
POST TREATED AREA

Consult your State Agricultural Extension Service or Experiment Station regarding posting treated areas.

#### ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish and wildlife. Birds in treated areas may be killed. Fish and other aquatic organisms may be killed at recommended application rates. When treating lakes or other open bodies of water apply only to shallow edges. Consult with state fish and game departments before applying to public waters. Run-off and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate granules which are spilled. Do not contaminate water by cleaning of equipment or disposal of wastes.

#### DIRECTIONS FOR USE

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

## STORAGE AND DISPOSAL

#### Pesticide Storage

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, fold and roll back bags, clamp 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. Confine spills. Call FMC collect: (716) 735-3765.

To confine 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

Completely empty bag into application equipment. Do not dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## ENDANGERED SPECIES RESTRICTIONS

Before using this product to control or eradicate mosquito larvae in a county listed below, you must contact the Endangered Species Specialist in the Regional/Field Office of the U.S. Fish and Wildlife Service (FWS) indicated below. You must provide FWS with your name and phone number, the product you intend to use, and the specific location in which you intend to use it. The U.S. Fish and Wildlife Service will inform you whether your proposed use is in the range of endangered species. Use of this product in the range of endangered species, as defined for you by FWS, is prohibited.

Contact FWS Field Offices at the following numbers:

- Alabama** (Jackson, Mississippi, 601-965-4900)  
Colbert, Greene, Jackson, Jefferson, Lamar, Lauderdale, Limestone, Madison, Marshall, Morgan, Pickens and Sumter
- Arizona** (Phoenix, Arizona, 602-261-4720)  
Graham, Lapaz, Mohave, Pima, Pinal, Santa Cruz and Yuma
- Arkansas** (Jackson, Mississippi, 601-965-4900)  
Benton, Clark, Clay, Cross, Lawrence, Lee, Poinsette, Polk, Randolph, Sharp and St. Francis
- California** (Sacramento, California, 916-460-4866)  
Alameda, Colusa, Contra Costa, Fresno, Humboldt, Imperial, Inyo, Kern, Los Angeles, Marin, Merced, Modoc, Mono, Monterey, Napa, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, San Mateo, Santa Barbara, Santa Clara, Solano, Sonoma, Stanislaus, Sutter, Tulare and Ventura
- District of Columbia** (Annapolis, Maryland, 301-269-5448)  
Rock Creek Park
- Florida** (Jacksonville, Florida, 904-791-2580)  
Alachua, Baker, Bradford, Brevard, Broward, Charlotte, Citrus, Clay, Collier, Columbia, Dade, De Soto, Dixie, Duval, Flagler, Gadsden, Gilchrist, Glades, Hardee, Hendry, Hernando, Highlands, Hillsborough, Indian River, Jefferson, Lafayette, Lake, Lee, Leon, Levy, Madison, Manatee, Marion, Martin, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Putnam, St. Johns, St. Lucie, Sarasota, Seminole, Suwannee, Taylor, Union, Volusia, Wakulla and Walton
- Georgia** (Jacksonville, Florida, 904-791-2580)  
Brantley, Bryan, Bulloch, Burke, Camden, Candler, Catoosa, Charlton, Chatham, Effingham, Emanuel, Evans, Glascock, Glynn, Jefferson, Jenkins, Johnson, Liberty, Long, McIntosh, Pierce, Richmond, Screven, Ware, Washington and Wayne
- Hawaii** (Honolulu, Hawaii, 808-546-5608)  
Islands of Hawaii, Kauai, Maui, Molokai, Niihau and Oahu
- Idaho** (Boise, Idaho, 208-334-1806, Ext. 16)  
Cerberus, Bear Lake and Bonneville
- Illinois** (Rock Island, Illinois, 309-793-5800)  
Gallatin, Henderson, Jo Daviess, Massac, Mercer, Pike, Pulaski, Rock Island and White
- Indiana** (Bloomington, Indiana, 812-334-4261)  
DeKalb and Posey
- Iowa** (St. Paul, Minnesota, 612-725-7131)  
Allamakee, Clayton, Clinton, Des Moines, Dubuque, Fayette, Jackson, Luiska, Muscatine and Scott
- Kentucky** (Asheville, North Carolina, 704-259-0321)  
Ballard, Butler, Edmundson, Green, Hart, Jackson, Laurel, Livingston, Marshall, McCracken, McCleary, Pulaski, Rockcastle, Taylor, Warren and Wayne

**Maryland** (Annapolis, Maryland, 301-269-5448)  
Harford

**Minnesota** (St. Paul, Minn. sota, 612-725-7131)  
Houston and Washington

**Mississippi** (Jackson, Mississippi, 601-965-4900)  
Claiborne, Copiah, Hinds, Itawamba, Jackson, Lowndes, Monroe, and Noxubee

**Missouri** (Columbia, Missouri, 314-875-5374)  
Barry, Benton, Bollinger, Butler, Camden, Cedar, Christian, Cole, Dallas, Franklin, Gasconade, Greene, Hawamba, Hickory, Jasper, Jefferson, Lawrence, Lowndes, Massac, Miller, Monroe, Newton, Noxubee, Osage, Polk, Ralls, Ripley, St. Clair, St. Louis, Stone, Wayne and Webster

**Nevada** (Reno, Nevada, 702-784-5227)  
Clark, Lincoln, Nye and White Pine

**New Mexico** (Albuquerque, New Mexico, 505-566-2323)  
Chaves, Eddy and Socorro

**North Carolina** (Asheville, North Carolina, 704-259-0321)  
Edgecombe, Macon, Nash, Pitt and Swain

**North Dakota** (Grand Island, Nebraska, 308-381-5571)  
Burlington, Emmons, Macon, McKensie, McLean, Mercer, Morton and Oliver

**Ohio** (Columbus, Ohio, 614-231-3416)  
Pickaway, Washington and Williams

**Oklahoma** (Tulsa, Oklahoma, 918-581-7458)  
McCurtain and Pushmataha

**Oregon** (Olympia, Washington, 206-753-9444)  
Lake

**South Carolina** (Asheville, South Carolina, 704-259-0321)  
Aiken, Barnwell, Beaufort, Berkeley, Charleston, Colleton, Dorchester, Georgetown, Hampton, Horry, Jasper and Marion

**South Dakota** (Pierre, South Dakota, 605-224-8692)  
Hughes and Yankton

**Tennessee** (Asheville, North Carolina, 704-259-0321)  
Bedford, Blount, Bradley, Claiborne, Cumberland, Davison, Decatur, Franklin, Hamilton, Hancock, Hardin, Hawkins, Hickman, Knox, Lawrence, Lincoln, Loudon, Marion, Marshall, Maury, Meigs, Monroe, Morgan, Polk, Rhea, Roane, Scott, Sequatchie, Smith, Sullivan, Trousdale, Wayne and Williamson

**Texas** (Texas, 713-229-3681 or 817-334-2961)  
Brewster, Comal, Hays, Jeff Davis, Menard, Pecos and Reeves

**Utah** (Salt Lake City, Utah, 801-524-4430)  
Utah and Washington

**Virginia** (Annapolis, Maryland, 301-269-5448)  
Augusta, Lee, Russell, Scott, Smyth, Tazewell, Washington and Wise

**Wisconsin** (Green Bay, Wisconsin, 414-465-2682)  
Crawford, Grant, Iowa, Pierce, Polk, Richland, St. Croix and Vernon

**Wyoming** (Helena, Montana, 406-449-5225)  
Lincoln and Sublette

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.

Not for use or storage in or around the home.

**For Mosquito Control:** For use as a mosquito larvicide only by Mosquito Abatement Districts and other official agencies. The granules are formulated to release their coating upon contact with water. For control of mosquito larvae use 2 pounds per acre. Repeat as necessary.

**Application Directions:** On the following crops apply the recommended rate as an overall broadcast treatment prior to planting. Soil temperature should be at least 50° F. Immediately and thoroughly mix the granules into the top 4 to 9 inches of soil. After applying keep all persons and animals off treated area for 48 hours. Treated fields should be planted or seeded as soon as possible after the 48 hour waiting period.

For Wireworm and Garden Symphylid control on **Table Beets, Broccoli, Brussels Sprouts, Cabbage, Cantaloupe, Watermelon, Pumpkin, Carrots, Cauliflower, Celery, Eggplant, Kale, Lettuce, Peas, Peppers, Rutabagas, Tomatoes and Turnips.** To control Wireworm use 200 pounds per acre to control Garden Symphylid use 250 pounds per acre.

For Rootworm and Garden Symphylid on Corn use 250 pounds per acre.

For Garden Symphylid control in **Ornamentals and Nursery plantings (Commercial Plantings Not For Use In Greenhouses, Enclosed Areas, or In Home Gardens)** use 250 pounds per acre.

#### 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