

# BEST DOCUMENT AVAILABLE

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

- (1) Wear water-proof pants, coat, hat, rubber boots or rubber overshoes.
- (2) Wear safety goggles.
- (3) Wear mask or respirator approved by the U.S. Bureau of Mines for parathion protection.
- (4) Wear heavy duty, natural rubber gloves.

## WORK SAFETY RULES

Keep all unprotected persons and children away from treated area or where there is danger of drift. Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. Call a doctor (physician), clinic or hospital-- immediately. Explain that the victim has been exposed to parathion and describe his condition. After first aid is given (see First Aid Treatment Section) and if a doctor cannot come, take victim to clinic or hospital.

**IMPORTANT!** Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking. **AFTER WORK**, take off all work clothes and shoes. Shower, using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and all protective equipment with soap and water after each use. Respirator should be cleaned and filled as directed according to instructions included with respirator.

## 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.

## 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 or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

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. 2-PAM 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 the 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.**

**POST TREATED AREA**- Consult your State Agricultural Extension Service or Experiment Station regarding patting treated areas. Workers entering fields within 48 hours after application should wear protective clothing.

**CONTAINER STORAGE AND DISPOSAL: PROHIBITIONS** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. **PESTICIDE DISPOSAL** Pesticide, spray, mixture, or sludge that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. **CONTAINER DISPOSAL** Triple Rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place. **GENERAL** Consult federal, state or local disposal authorities for approved alternative procedures.

Net Content 5 Gallons

WARRANTY

The manufacturer makes no warranty, express or implied, in writing or otherwise, which extends beyond the description on the label. All statements made concerning this product apply only when used as directed.



**RESTRICTED USE PESTICIDE**  
For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

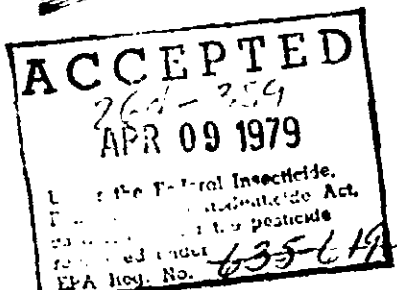


# PARATHION 8-E

**DANGER: Keep Out Of Reach Of Children**  
**See Side Panels for Antidote & Precautions**  
(Contains 8 lbs. Parathion Per Gallon)

ACTIVE INGREDIENTS:

Parathion (O, O-diethyl O-p-nitrophenyl thiophosphate).....	80.74%
Xylene.....	9.03%
INERT INGREDIENTS.....	10.23%
	<b>100.00%</b>



## DANGER-POISON-PRECAUTIONS

### POISONOUS IF SWALLOWED

This product can kill you if swallowed even 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

E.P.A. Reg. No. 635-619  
EPA Est 635-OH-1

Sold by  
**Grower Service Corporation**  
Lansing, Michigan 48901

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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.

E.P.A., Reg. No. 635-619  
 EPA Est 635-OIF-1

Sold by  
**Grower Service Corporation**  
 Lansing, Michigan 48901

## DIRECTIONS FOR USE

Application should be made only by trained personnel using approved protective equipment. Do not apply with hand equipment. Put specified amount of this product into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand. If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result. Do not combine with wettable powders unless previous use of the mixture has proven phytotoxicity compatible and safe to plants. Always thoroughly emulsify the product without loss of total water before adding wettable powder.

### FRUITS

Apply as full coverage spray only. Do not prune or thin trees in dense orchards until at least 2 weeks have been allowed for dissipation of vapors from residue.

**APPLE:** Codling Moth, Plum Curculio, San Jose Scale, Forbes Scale, Scurf Scale, Red-Banded Leaf Miner (second and third brood), Woolly Apple Aphid. Use 1 pint per 100 gallons. Bud Moth, Red Bug, Green Leaf Roller, Mites, Rosy Apple Aphid, Green Apple Aphid, Mealy Bug, Red-Banded Leaf Miner (first brood). Use 3/16 pint per 100 gallons. Use as a full coverage spray. Do not apply within 14 days of harvest. For certain mites such as Two-Spotted and Williams, repeat applications at 7 to 10 day intervals during summer months. These same directions apply to the control of mites on other deciduous fruits such as peach, pear, plum and prune. Injury to fruit and foliage may result if position is used on McIntosh and related apple varieties.

**CHERRY:** Aphid, Mites. Use 1/2 to 3/16 pt. per 100 gallons. Repeat application in 7 to 10 days between sprayings. Fruit Fly, Fruitworm, Plum Curculio. Use 1/2 to 5/16 pt. per 100 gallons. Use as a full coverage spray. Do not apply within 14 days of harvest.

**PEACH:** Plum Curculio, Oriental Fruit Moth, San Jose Scale, Peach Tree Borer, Collaring Insect. Use 1/2 to 5/16 pt. per 100 gallons. For peach tree borer, apply 2 or 3 sprays to trunk (background) to scaffold limbs treated with moth flight. Fruit Tree Leaf Roller, Cottony Peach Scale, Green Peach Aphid, Spider Mites, Shot-Hole borer. Use 3/16 pint per 100 gallons. Lecanium Scale (apply after all the eggs are hatched). Use 5/16 pint per 100 gallons. Do not apply more than 5 lbs. actual parathion per acre per year. Use as a full coverage spray. Do not apply within 14 days of harvest. NOT for use in California.

**PEAR:** Pear Thrips. Use 3/16 pint per 100 gallons (apply either in pre-blossom or post-blossom spray). Pear Blister Mite. Use 1 pint per 100 gallons. Use dosages listed under apple for control of Codling Moth, Mealy-bug, Woolly Aphid and certain mites. Under some conditions injury may occur on Bosc Pears in the Northwest. Use as a full coverage spray. Do not apply within 14 days of harvest.

**STRAWBERRY:** Aphid, Leaf Roller, Mites. Use 1/2 pint per acre in sufficient water for thorough coverage. Do not apply within 14 days of harvest.

### VEGETABLES

Apply as full coverage spray or in 3-10 gals. of water per acre consistent with crop growth and good coverage for aerial application.

**COLE CROPS (Cabbage, Broccoli, Brussels Sprouts, Cauliflower, Kale, Mustard, Turnip):** Aphid, Armyworm, Diamondback Moth, Imported Cabbageworm, Thrips. Use 1 pint per acre in sufficient water for thorough coverage. Do not apply within 7 days of harvest.

**CORN:** Armyworm, Corn Rootworm Adults. Use 1 pint per acre in sufficient water for thorough coverage. European Corn Borer. Use 1 pint per acre. For Corn Rootworm make full coverage application to foliage when adult beetles become abundant and repeat as necessary. Do not apply within 12 days of picking, cutting or forage.

**CUCURBITS (Cucumber, Squash and Melons):** Aphid, Cucumber Beetle, Melonworm, Pickleworm, Serpentine Leafminer. Use 1 to 1/2 pint per acre in sufficient water for thorough coverage. Do not apply unless plants are dry near until runners begin to form. Do not apply within 15 days of harvest on cucumbers and squash nor within 7 days on melons.

**LETTUCE:** Aphid, Leafhoppers. Use 1 pint per acre in sufficient water for thorough coverage. Do not apply within 7 days of harvest on head lettuce or within 14 days of harvest on leaf and bibb lettuce. In greenhouses, use 0.1 pint per 50,000 cubic feet of greenhouse space. Do not apply within 21 days of harvest.

**ONIONS:** Thrips. Use 1 pint per acre in sufficient water for thorough coverage, and repeat at weekly intervals as necessary for thrip control. Do not apply within 15 days of harvest.

**PEPPER:** Aphid, Flea Beetle, Serpentine Leaf Miner, Pepper Maggot. Use 1 pint per acre in sufficient water for thorough coverage. Do not apply within 15 days of harvest.

**POTATO, TOMATO:** Aphid, Flea Beetle, Leafhopper, Serpentine Leaf Miner. Use 1 pint per acre in sufficient water for thorough coverage. Do not apply within 10 days of harvest on tomatoes and 5 days of harvest on potatoes.

**SUGAR BEETS:** Aphid, Blister Beetle, Flea Beetle, Leafhopper, Leaf-miner, Melonworm. Use 1/2 pint per acre in sufficient water for thorough coverage. Do not apply within 15 days of harvest.

### FIELD CROPS

**ALSALFA:** Aphid. Apply 1/2 to 1 pint per acre as a full coverage spray or in 3 to 10 gals of water by aircraft. Apply as required during the growing season. Alfalfa Weevil Larvae. Apply 1/2 to 1 pint per acre when burr and shoot first appear or when larvae count reaches 25 per sweep. In the case of severe infestations, apply 1/2 to 1 pint per acre to the stubble immediately after removal of alfalfa. Do not apply within 15 days of harvest.

**CLOVER, VETCH:** Aphid. Use 1/2 to 1 pint per acre in sufficient water for thorough coverage. Do not apply within 15 days of harvest or forage use.

**SMALL GRAINS (Barley, Oats, Wheat):** Aphid, Armyworm, Greenbug. Use 1/2 to 1 pint per acre in sufficient water for thorough coverage. Do not apply within 15 days of harvest.

### OBSERVE THE FOLLOWING USE PRECAUTIONS

Observe the limitations given for specific crops.

It is advised that pesticides be used on food and forage crops with the highest tolerance exhibited by the Federal and Drug Administration, the only of recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply to fields or areas occupied by unselected humans or animals or animals occupying fields, fiber or pasture crops. The grower is responsible for residues on a crop as well as for damage caused by drift from his property to that of others.

This product is poisonous to fish and wildlife. Keep out of lakes, ponds and streams. Do not use in any manner that would pollute the total. Birds feeding on treated areas may be killed.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective treatment may be obtained from your Cooperative Agricultural Extension Service.

For best results apply when foliage is dry and there is little or no wind.

For more information on the use of this product for additional information, see the label on the container of this product.

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ACCEPTED  
 6-359  
 JUN 09 1979  
 Federal Insecticide,  
 Fungicide and Rodenticide Act  
 635-619

