

**USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING**

- (1) Wear water proof pants, coat, hat, rubber boots or rubber overboots
- (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 re-tying 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 protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced 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 and victim is awake (conscious) make him vomit quickly. Induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. 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. 2-PAM chloride is also antidotal and may be administered in conjunction with atropine.

DO NOT GIVE MORPHINE OR TRANQUILIZER. 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.

DO NOT USE POUR SPILL OR STORE NEAR HEAT OR OPEN FLAME.

**POST TREATED AREA**

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

**CONTAINER DISPOSAL**

See attached label for proper disposal.

**CROP USE DIRECTIONS**

Use only according to attached label instructions.

EPA Reg. No. 4185-256

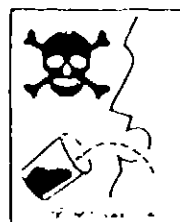
EPA Est. No. 4185-256

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4185-256

**ACCEPTED**  
SEP 27 1978  
Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended by the FIFRA Act, registered under 4185-256  
EPA Reg. No. 4185-256

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**DANGER—POISON—PRECAUTIONS**

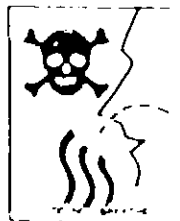
**CAN KILL YOU IF SWALLOWED**

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



**CAN KILL YOU BY SKIN CONTACT**

This product can kill you if touched by hands or soiled or splashed on skin. Wash or rinse clothing and get through to the skin.



**CAN KILL YOU IF BREATHED**

This product can kill you if vapors spray or mist are breathed.

**POISONOUS TO FISH AND WILDLIFE**

This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from treated areas. Do not apply where birds, fish, or wildlife are present.

**RESTRICTED USE PESTICIDES**

For retail sale and use only by Certified Applicators or persons under their direct supervision and for those uses registered by the Certified Applicators Certification.

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



**CAN KILL YOU**

**DANGER**  
Keep out of reach of children

**METHYL PARATHION 4 E**

**ACTIVE INGREDIENTS**

*O, O-dimethyl O-p-nitrophenyl thiophosphate	45.40%
Xylene Range Aromatic Hydrocarbon Solvent	46.71%
<b>INERT INGREDIENTS</b>	7.89%

**TOTAL**

100.00%

\*Methyl Parathion

Distributed By: **GUTH DOUGLASS**  
Division of Borden Chemical, Borden Inc.  
Methuën, Va.

**NOT FOR HOME USE**

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.

# METHYL PARATHION 4E

## RECOMMENDATIONS

**ALFALFA VETCH** Spotted alfalfa aphids.  $\frac{1}{2}$  to 1 pt. Apply in early spring for the control of aphids, armyworms (up to 3rd instar), leafhoppers, and mites. 2 1/2 pints. Do not apply within 20 days of harvest.

**ALFALFA HAY** Alfalfa weevil larvae. Apply  $\frac{1}{2}$  pt. per acre by ground or air. Apply when buds and shoots first appear (aged or when larvae count first reaches 25 per sweep. Do not apply within 15 days of harvest or grazing.

**ARTICHOKEES, BEETS, CARROTS, CELERY, PEAS, PEPPERS** for the control of aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers, and mites. 1 1/2 pints. Do not apply within 15 days of harvest (21 days on carrots and beets). Topsoil to be used for food or feed.

**BEANS (green)** for the control of aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers, and mites. 2 pints. Do not apply within 21 days of harvest.

**TOMATOES** for the control of aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers, and mites. 2 pints. Do not apply within 15 days of harvest.

**COLE CROPS** (Cabbage, Cauliflower, Broccoli, Brussels sprouts, Kale, and Rutabaga) for the control of aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers, and mites. 2 pints. Do not apply within 21 days of harvest.

**OPIN (field, Sweet and Popcorn)** Adult corn rootworms. In addition to other uses, use 1 pt. Repeat application if necessary. Workers entering treated fields the day of application should wear protective clothing. Do not apply within 12 days of harvest or grazing.

**COTTON** Aphids, boll weevil, cotton leafworm, leafhopper, and spider mites. Use 1 to 1 1/2 pints. For early season control, application should be made at 4-5 day intervals until harvest. Do not apply within 7 days of application. Workers entering fields within 24 hours of application should wear protective clothing. For early season control, use 1/2 to 1 pint. Apply 1 to 3 times at 7 to 10 day intervals. For mid-season control, apply at the start of squaring or after 10% 2nds of the tree squares are picked. Repeat at 7 to 14 day intervals as needed. Do not apply within 12 days of harvest.

**LETTUCE, SPINACH** for the control of aphids, armyworms, flea beetles, leafhoppers, and mites. 1 1/2 pints. Do not apply within 21 days of harvest.

**POTATOES** for the control of aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers, and mites. 2 pints. Do not apply within 15 days of harvest.

**SMALL GRAINS** (Barley, Oats, Rye, and Wheat). Aphids, green fly, black grasshopper, and mites. Do not apply within 30 days of harvest. Do not apply within 15 days of harvest. Do not apply within 7 days of harvest. Do not apply within 7 days of harvest.

**CORNBELT FRUITS** (Melon, Watermelon, Pumpkin, and Squash). Aphids, squash vine borer, and mites. Do not apply within 21 days of harvest.

**SOYBEANS** for the control of aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers, and mites. 2 pints. Do not apply within 21 days of harvest. Do not apply within 21 days of harvest.

The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and other Federal laws have been violated if this pesticide is used in a manner inconsistent with the labeling. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

## DIRECTIONS FOR USE

Application should be made only by experienced personnel using approved safety equipment. Do not use amount of this material into nearly filled spray tank. Aid balance of water to fill tank. Keep agitator running during mixing and spraying operations. Do not allow mixture to stand in tanks or hoses. Do not allow dirt to separate as an oily layer. Do not use as much of plants may require. Do not use as much of plants may require. Do not use as much of plants may require.

## CAUTION

This product is highly flammable. It may be explosive if mixed with certain solvents. Do not use near open flames or heat. Do not use near electrical equipment. Do not use near children or livestock. Do not use near water.

## WARNING

This product is highly toxic. It is flammable. Do not inhale. Do not ingest. Do not touch. Do not use near children or livestock. Do not use near water.

**DANGER: KEEP OUT OF REACH OF CHILDREN**

# METHYL PARATHION 4E



**BEST AVAILABLE COPY**

**ACCEPTED**

**Distributed By SMITH-DOUGLASS**

**SEP 27 1970**

**DIVISION OF AGRICULTURE, CHEMICAL BOARD INC.**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. **4185-252**

Virginia 23061

**IF ALL A PERSON IMMEDIATELY** If persons handling or working with METHYL PARATHION exhibit any of the symptoms...

**FIRST AID TREATMENT - IF SWALLOWED** Give 12 level teaspoons of salt in glass of warm water. Repeat 3 times if necessary. Have victim lie down and keep quiet. **INHALATION** Remove person from contaminated area. If victim is breathing, have him rest. If not breathing, give artificial respiration. If necessary, use mouth-to-mouth respiration. If necessary, use mouth-to-mouth respiration. If necessary, use mouth-to-mouth respiration.

**IF ON SKIN** Wash with copious amounts of water. Wash contaminated clothing and goggles. Wash contaminated clothing and goggles. Wash contaminated clothing and goggles. Wash contaminated clothing and goggles.

**IF IN EYES** Flush with copious amounts of water. Flush contaminated eye. Flush contaminated eye. Flush contaminated eye. Flush contaminated eye.



EPA Registration No. 4185-252