



**POISON  
PRECAUTIONS**

**IS CONTINUED**

- Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist.
- Wear a mask or respirator of a type passed by the U. S. Department of Agriculture for Methyl Parathion protection. Wear natural rubber gloves, overshoes, protective clothing and goggles.
- Wash with soap and water after handling and before drinking, eating or smoking. Wash all contaminated clothing with soap and hot water before re-use.
- Take bath or shower using plenty of soap and water after work. Keep all unprotected persons out of operational area or vicinity where there may be danger of drift until one day after spraying is completed.

**POISON SYMPTOMS**

Methyl Parathion is a highly toxic cholinesterase inhibitor. Symptoms include: Headache, blurred vision, weakness, nausea, discomfort in chest, vomiting, abdominal cramps, diarrhea, salivation, sweating and pin-point pupils.

**ALWAYS CALL A PHYSICIAN IN CASES OF SUSPECTED POISONING.**

**ATROPINE IS ANTIDOTAL**

**FIRST AID TREATMENT:** If victim has stopped breathing, immediately remove from contaminated area, then start artificial respiration, preferably by mechanical means.

**IF SWALLOWED:** and victim is conscious, induce vomiting immediately. Give tablespoon of salt in glass of warm water. Repeat until vomit fluid is clear. Never give anything by mouth to unconscious person. Have victim lie down and keep quiet.

**INHALATION:** Remove patient from contaminated area.

**SKIN:** In case of contact, remove contaminated clothing and immediately wash skin thoroughly with soap and water. Avoid abrasions. When skin appears clear, bathe or swab with ethyl alcohol (for water insoluble compounds only).

**EYES:** In case of contact, flush immediately with water for at least 15 minutes.

**INFORMATION FOR PHYSICIAN:** Initial measures include removal of secretions, maintenance of a patent airway and, if necessary, artificial respiration. When cyanosis has been relieved, atropine may be administered in large therapeutic doses, repeated as necessary to the point of tolerance. If symptoms warrant further treatment, Protopam chloride (Pralidoxime chloride 2-PAM chloride) has shown utility as adjunctive therapy. Never use morphine. 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 48-72 hours.**

**USE PRECAUTIONS**

**READ ALL PRECAUTIONS AND DIRECTIONS BEFORE USING.** Use only for crops and claims recommended.

This product is toxic to wildlife. Birds and other wildlife in treated areas may be killed. Do not apply when weather conditions favor drift from areas treated.

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

In order that pesticidal residues on food and forage crops will not exceed tolerances established by the Federal Food and Drug Administration, use only at recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals or onto adjoining food, fiber or pasture crops. **The grower is responsible for residues on his crops as well as for damages caused by drift from his property to that of others.**

Consult state agricultural extension service or state agricultural experiment stations for additional information, as the timing, number, and rate of applications needed will vary with local conditions.

**DIRECTIONS FOR USE**

**Application can be made by aircraft or ground power equipment by trained personnel only using approved protective equipment. Do not apply with hand equipment.** Pour 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. 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 physically compatible and safe to plants. **Always thoroughly emulsify this product with at least half of total water before adding wettable powder.**

**AIRCRAFT & GROUND EQUIPMENT WATER RATES PER ACRE**

Unless specified for certain crops or claims use the following water rates:

**AIRCRAFT APPLICATION**

**Vegetable & Field Crops**—use 1-10 gals. diluted spray per acre.

**Orchard Crops**—use 5-20 gals. diluted spray per acre.

**GROUND EQUIPMENT:**

The amount of water needed to treat an acre varies, therefore the following rates are given to cover a broad range of conditions (except as noted for specific crops).

**VEGETABLE & FIELD CROPS**—20 - 100 gal. water per acre.  
**FRUIT CROPS**—Unless otherwise specified, rates are given in terms of Methyl Parathion 5-E per 100 gal. of water for thorough coverage application.

*Maximum permissible rate per acre, expressed as Methyl Parathion 5-E, is given in parenthesis ( ) after each crop claim.*

**RECOMMENDATIONS**

**TREE FRUIT**

*(Also read Directions for Use)*

**APPLES:** European red mite (apply twice at 5 day intervals), woolly apple aphid, rosy and green aphids. Use 2½ pt. Injury to fruit and foliage may occur on McIntosh, Court and and related varieties. Consult State Agricultural Extension Service. Do not apply within 14 days of harvest. (4½ pt.)

**APRICOTS:** European red mite (apply twice at 5 day intervals), and green peach aphid. Use 2½ pt. Do not apply within 14 days of harvest. Do not apply until danger of bee poisoning has passed. (5¾ pt.)

**CHERRIES:** European red mite, black cherry aphid. Use 4½ pt. Apply as needed at 7-10 day intervals. Do not apply within 14 days of harvest. (3¾ pt.)

**PEACHES:** (Areas other than Calif.): European red mite (apply twice at 5 day intervals), green peach aphid. Use 2½ pt. Do not apply within 14 days of harvest. (6¾ pt.) Calif.: European red mite and green peach aphid. Use 2½ pt. Do not apply within 21 days of harvest. Do not apply more than 5 lb. actual Methyl Parathion per acre between Jan. 1 and harvest. (4 pt.)

**PEARS:** Aphids. Use 2½ pt. Apply twice at 5 day intervals. Do not apply within 14 days of harvest. (4¾ pt.)

**PLUMS, PRUNES:** European red mite (apply twice at 5 day intervals), green peach aphid and mealy plum aphid. Use 2½ pt. Do not apply within 14 days of harvest. (6¾ pt.)

**NOTICE:** Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Stauffer's label.

USDA Reg. No. 476-1519



**ME**

**PARATHIO**  
**ORGANOPHOSPHORUS INSECTICIDE**  
**EMULSIFIABLE LIQUID**

**Active Ingredients:**

*O,O-dimethyl O-p-nitrophenyl phosphorothioate	54.47%
Xylene-range aromatic solvent	39.42%
Inert Ingredients:	6.11%

Contains 5 lb. Methyl Parathion per gal. \*Methyl Parathion.

**COMBUSTIBLE—**

**open flame.**  
Rinse spray equipment waste in pit in water supplies.

**PERFORATE EMPTY BURY GLASS**



**POISON  
DANGER**

**Keep Out of**

**EXTREMELY POISONOUS LIQUID.  
RAPIDLY ABSORBED THROUGH SKIN AND  
POISONOUS IF SWALLOWED, INHALED OR ABSORBED  
THROUGH SKIN, EYES, OR THROUGH CONTAMINATED CLOTHING.**

(See left panel for additional precautions, FIRST AID TREATMENT and

Not for use or storage around the home.  
**PROTECT FROM TEMPERATURES BELOW 45° F.** Product may freeze at higher temperatures. 70° F. maximum product temperature before use.

**Lot No.**

MADE IN U.S.A.

**STAUFFER CHEMICAL COMPANY**  
**NEW YORK, NY 10017**

**LABEL SPECIMEN**

# METHYL DATHION 5-E PHOSPHORUS INSECTICIDE LIQUID

54.47%  
39.42%  
6.11%

**COMBUSTIBLE** Do not use or store near heat or open flame.  
Rinse spray equipment and containers. Discharge liquid waste in pit in non-crop lands located away from water supplies.  
**PERFORATE EMPTIE METAL CONTAINERS. CRUSH & BURY GLASS.**

**SON  
GER**  
Keep Out of Reach of Children  
**POISONOUS LIQUID.  
POISONED THROUGH SKIN AND EYES.  
NOT ALLOWED, INHALED OR ABSORBED THROUGH THE  
THROUGH CONTAMINATED CLOTHING**

First Aid Treatment: Wash with soap and water. If in eyes, flush with water. If on skin, wash with soap and water. If inhaled, move to fresh air. If symptoms persist, seek medical attention.  
**MONSIEUR CHEMICAL COMPANY**  
NEW YORK, NY 10017

## RECOMMENDATIONS VEGETABLE, FIELD & SPECIAL USES (Also read Directions for Use)

**ALFALFA HAY:** Alfalfa weevil larvae (up to 3rd instar), flea beetles, leafhoppers. Use 4 1/2 pt. (Calif. use 4 1/2 pt. only) per acre. For weevil control apply when 75% of terminals show feeding damage. Do not apply within 15 days of harvest. Areas other than Calif. 2 pt. Do not apply for more than 21 days of harvest. Calif. 4 1/2 pt.

**ALFALFA (FOR SEED):** Alfalfa chalcid, aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers, lygus mites and stink bugs. Use 1 1/2 pt. per acre by aerial or ground equipment at first sign of infestation. Apply in early morning or late evening to avoid injury to plants. Do not apply within 15 days of harvest. Water rates per acre: Aircraft 5-10 gal. per acre. Ground 2 gal. per acre.

**ALFALFA, CLOVER, VEICH:** Spotted alfalfa aphid (up to 3rd instar). (Calif. use 4 1/2 pt. only) Apply in early spring. Follow state recommendations for the control of spotted alfalfa aphid. For armyworms (up to 3rd instar), leafhoppers and mites, use 2 pt. per acre (4 1/2 pt. only in Calif.). Do not apply within 21 days of harvest (15 days in Calif.). Areas other than Calif. 4 1/2 pt. (Calif. 4 1/2 pt. only).

**ARTICHOKES:** Aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers. Use 1 1/2 pt. per acre. Do not apply within 7 days of harvest. Do not apply within 15 days of harvest.

**BEANS, DRY:** Aphids, armyworms (up to 3rd instar), flea beetles, mites. Use 1 1/2 pt. per acre. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**BEANS, GREEN:** Aphids, armyworms (up to 3rd instar), flea beetles, mites. Use 1 1/2 pt. per acre. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**BEETS:** Aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers, mites. Use 1 1/2 pt. per acre. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**BEETS, SUGAR:** Aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers, mites. Use 1 1/2 pt. per acre. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**CARROTS:** Aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers. Use 1 1/2 pt. per acre. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**CELERY:** Aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers. Use 1 1/2 pt. per acre. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**COLE CROPS:** Aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers. Use 1 1/2 pt. per acre. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**CORN Fodder & Grain:** (including field, sweet & popcorn) Aphids, armyworms (up to 3rd instar), flea beetles, mites. Use 7 1/2 pt. Repeat application if necessary. Workers entering treated fields should wear protective clothing. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**COTTON:** Aphids, leafhoppers, cotton leafworm, leafhopper, lygus and spider mites. Use 4 1/2 pt. Application should be made at 4-5 day intervals until control is obtained. For the control of cotton leafhopper, armyworms up to 3rd instar use 2 1/2 pt.

**CUCUMBER:** (CALIF. ONLY) Apply 1 1/2-4 1/2 pt. by aircraft in 15 min. of water per acre. Make this application 2 or 3 times at 4-5 day intervals. Depending on the type of insect, the number of applications may vary. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**GOOSEBERRIES:** Aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers. Use 1 1/2 pt. per acre. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**HOPS:** Aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers. Use 1 1/2 pt. per acre. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**LETTUCE:** Aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers. Use 1 1/2 pt. per acre. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**ONIONS:** Aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers. Use 1 1/2 pt. per acre. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**PEAS:** Aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers. Use 1 1/2 pt. per acre. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**PEPPERS:** Aphids, armyworms (up to 3rd instar), flea beetles, mites. Use 1 1/2-2 1/2 pt. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**POTATOES:** Aphids, armyworms (up to 3rd instar), flea beetles, mites. Use 1 1/2-2 1/2 pt. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**RICE (CALIF. ONLY):** Rice leaf miner and tadpole shrimp. Apply at the first sign of infestation after planting using 1 1/2 pt. in 5-10 gal. water by aircraft. Restrict spill from rice fields for 3 days. Do not apply within 15 days of harvest. Caution: Do not use within 14 days of application of Roundup or Roguel, injury may result. Shrimp and crab may be killed at these rates. Do not apply where these are important resources. 1 1/2 pt.

**SMALL GRAINS (Barley, oats, rye, wheat, vetch) (green):** Green bug, black grass bug (tribisia), brown wheat mite (Pentatomid), stalk borer. Apply 2 1/2-4 1/2 pt. for armyworms (up to 3rd instar) and leafhoppers use 2 pt. Use Limitations: 2 1/2 pt. per acre—none, over 4 1/2 pt.—15 days of harvest; over 1 1/2 pt.—Do not apply after heads begin to form.

**SOYBEANS:** Stink bugs, three cornered alfalfa hopper and velvet bean caterpillar. Use 3 1/2-4 1/2 pt. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**SPINACH:** Aphids, armyworms (up to 3rd instar). Use 1-1 1/2 pt. Do not apply within 21 days of harvest. Do not apply within 21 days of harvest.

**TOBACCO:** Green stink beetle, tobacco beetle, tobacco moth. Apply 100 gals. of drench per 100 sq. yds. Apply to plants with sprinkling can. Application should be made only by trained operator. Do not apply within 7 days of transplanting. Do not apply within 7 days of transplanting.

**TOMATOES:** Aphids, armyworms (up to 3rd instar), flea beetle, root mite. Use 1 1/2-2 1/2 pt. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**TURNIPS (COASTAL AREAS OF CALIF.):** Cabbage root fly. Use 1 1/2 pt. when aphids are present and midges are abundant. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

**FOREST AND CHRISTMAS TREE PLANTINGS:** To control scale insects, use 1 1/2 pt. per acre of 10% water. Repeat application as needed. Do not apply within 15 days of harvest. Do not apply within 15 days of harvest.

LABEL SPECIMEN

