

5905-146

PM12 10F3

RESTRICTED USE PESTICIDE

FOR RETAIL SALES AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATORS CERTIFICATION

STOP - READ LABEL BEFORE USING!

POISON

See Side Panels
for Antidote &
Precautions



DANGER

Keep Out of
Reach of
Children

ACCEPTED

MAY 19 1978

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
on or after 4/1/78, this pesticide
is classified as a restricted use
pesticide.

5905-146



ETHYL METHYL 6-3 DUST

ACTIVE INGREDIENTS:

*O,O-dimethyl O-p-nitrophenyl phosphorothioate	3.70%
**Parathion: O,O-diethyl O-p-nitrophenyl phosphorothioate	6.01%

INERT INGREDIENTS:

TOTAL	100.00%
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*Equivalent to 3.70 lb. of 100% METHYL PARATHION per c.w.t.
 **Equivalent to 6.01 lb. of 100% ETHYL PARATHION per c.w.t.

MANUFACTURED BY
HELENA CHEMICAL COMPANY
 MEMPHIS, TENNESSEE

COPY

DIRECTIONS FOR USE

RECOMMENDATIONS

VEGETABLES

To ensure that residue levels are below tolerances established by the U. S. Food and Drug Administration, do not apply to any crop at date later than that specified. **DO NOT APPLY WITHIN 5 DAYS OF HARVEST ON THE FOLLOWING**

POTATOES For control of aphids, blister beetles, leafhoppers, plant bugs, potato phyllids, thrips and vegetable weevils, use 6 lbs. to 17 lbs. per acre.

DO NOT APPLY WITHIN 12 DAYS OF HARVEST ON THE FOLLOWING

CORN (Sweet corn, Popcorn) For control of rootworm adults, use 3 lbs. per acre. For aphids, armyworms, fall armyworms, budworms, spider mites, cutworms and European corn borer, use 6 lbs. per acre. For stink bugs, use 9 lbs. per acre. For European corn borer control, apply first application when 75% of corn plants show SHOT HOLE feeding and follow with 2 additional applications at 5 to 7 day intervals. Use sufficient amount to provide complete coverage and be certain whorls of plants are well treated.

DO NOT APPLY WITHIN 15 DAYS OF HARVEST ON THE FOLLOWING

(When tops of beets and turnips are used as food, do not apply within 21 days of harvest.)

BEANS (Dry) For control of aphids, armyworms, leafhoppers, leaf rollers, Mexican bean beetle and red spider mites, use 6 lbs. per acre.

CARROTS For control of aphids, vegetable weevils, leafhoppers, and petrobiz mites, use 6 lbs. per acre. Do not use treated carrot tops for food or feed.

CUCUMBERS For control of aphids and two-spotted mites, use 4.5 lbs. per acre.

PEAS (Garden and Blackeye) For control of aphids and pea weevils, use 6 lbs. per acre. For armyworms, loopers and spider mites, use 8 to 9 lbs. per acre.

PEPPERS For control of aphids, use 6 lbs. per acre. For flea beetles, use 8 to 9 lbs. per acre.

TOMATOES For control of aphids, armyworms, cabbage loopers, grasshoppers, spider mites, tomato russet mites, whiteflies, plant bugs and phyllids, use 6 lbs. per acre.

DO NOT APPLY WITHIN 21 DAYS OF HARVEST ON THE FOLLOWING

BEANS (Green) For control of aphids, armyworms, leafhoppers, leafrollers, Mexican bean beetle, red spider mites, and plant bugs, use 6 lbs. per acre.

CELERY For control of aphids, celery leaf tiers, celery worm, spider mites and tarnished plant bugs, use 6 lbs. per acre. For leafhoppers, use 9 lbs. per acre. Do not apply within 10 days of harvest.

COLLARD, KALE, MUSTARD AND SPINACH For control of aphids, cabbage loopers, imported cabbageworms, vegetable weevils, leafhoppers, crown mites, and seed corn maggots in crown, use 6 lbs. per acre.

LETTUCE (leaf, bibb, head) For control of aphids, armyworms, cabbage loopers and imported cabbageworms, use 3 to 6 lbs. per acre.

FIELD AND FORAGE CROPS

COTTON For control of rootworms, leafhoppers, lygus bugs, red spider mites, thrips and garden webworms, use 6 lbs. per acre. For control of cabbage loopers, bollweevils, bollworms and budworms, use 8 lbs. to 16 lbs. per acre. For aphids, cotton leaf perforator, armyworms up to 3rd instar, stink bugs and salt-marsh caterpillars, use 12 lbs. per acre.

Application to cotton should be made at 4 to 5 day intervals until control is obtained. **CAUTION:** When necessary to enter treated fields within 48 hours after application, protective clothing should be worn. Do not apply within 5 days of harvest or handpicking cotton.

CORN (Hybrid seed corn, field corn) For control of rootworm adults, use 3 lbs. per acre. For aphids, armyworms, fall armyworms, budworms, spider mites, use 3 lbs. per acre. For European corn borer control, apply first application when 75% of corn plants show SHOT HOLE feeding and follow with 2 additional applications at 5 to 7 day intervals. Use sufficient amount per acre to provide complete coverage and be certain whorls of plants are well treated. Do not apply within 12 days of harvesting, cutting or forage use.

SOYBEANS For control of two-spotted mites, use 6 lbs. per acre. For stink bugs, use 9 lbs. per acre. For bollworms, fall armyworms, green cloverworms, velvet bean caterpillars and webworms, use 9 lbs. per acre. Do not apply within 20 days of harvest or forage use.

SUGAR BEETS: For control of alfalfa loopers, aphids, armyworms, blister beetles, flea beetles, leafhoppers, lygus bugs, stink bugs and webworms, use 6 lbs. to 8 lbs. per acre. If tops are to be used for cattle feed, do not apply within 60 days of harvest. Do not apply within 21 days of harvest.

SORGHUM: For control of corn earworms, corn leaf aphids, false chinch bugs and sorghum webworms, use 4 lbs. per acre. For sorghum midges, use 6 lbs. per acre. Leaf injury may occur on some hybrid varieties of sorghum. Dust a few rows a week or so before booting to test effect upon plants. Do not apply within 21 days of harvesting, cutting or forage use.

TOBACCO For control of aphids, use 3 lbs. per acre.

NOTICE OF WARRANTY

Helena Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale, subject to the inherent risks referred to therein.

Helena Chemical Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Helena Chemical Company is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and not include consequential commercial damages such as loss of profit or value, etc.

METHYL PARATHION MIXTURE LIQUID

NOT FOR HOME USE

EPA REG. NO. 5905-146

DO NOT RE-USE THIS CONTAINER FOR ANY PURPOSE

NET WEIGHT 50 LBS.

UNUS COMMERCIAL UNIT



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.



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 runoff is likely to occur. To protect bees, do not apply when crops are in bloom. Remove or cover hives if application is necessary during bloom. "This product is highly toxic to bees exposed to direct treatment or residue on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service."

DANGER

DANGER: Poisonous if swallowed, inhaled, or absorbed through skin. Rapidly absorbed through skin.

POISONING SYMPTOMS: Headache, blurred vision, weakness, nausea, cramps, diarrhea, discomfort in chest.

ANTIDOTE: Atropine is the specific antidote. Obtain emergency supply of Atropine 1/100 grain tablets from your physician. Keep on hand.

CALL A PHYSICIAN IMMEDIATELY if persons handling or working with Parathion develop poisoning symptoms.

✦ 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 salt 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.

POST TREATED AREA

Consult your State Agricultural Extension Service or Experiment Station regarding post-treating treated areas.

CONTAINER DISPOSAL

Burn or bury empty containers, never re-use. Stay out of smoke or fumes when burning containers.

Bury spillage. Clean up area with strong lye solution.

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 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 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 by 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.

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.**