



DANGER—POISON PRECAUTIONS

CAN KILL YOU IF SWALLOWED

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



CAN KILL YOU BY SKIN CONTACT

This product can kill you if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes).



CAN KILL YOU IF BREATHED

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

POISONOUS TO FISH AND WILDLIFE

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Apply product only as specified on this label.

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.

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0474

AMVAC CHEMICAL CORP.
LOS ANGELES, CALIFORNIA 90023

PARATHION 8

(Contains 8 lbs. PARATHION per gallon)

ACTIVE INGREDIENT:

Parathion: O,O-diethyl O-p-nitrophenyl phosphorothioate

80.3%

INERT INGREDIENTS

19.7%

100.0%

POISON

STOP! READ THE LABEL



CAN KILL YOU

DANGER

Keep Out of Reach of Children

NOT FOR HOME USE

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 the victim to a 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 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 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 Experiment Station regarding posting treated areas.

USE PRECAUTIONS

Do not use on bees and other pollinators, use in early morning or late evening. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals. Vacated areas should not be reentered until drifting insecticide and volatile residues have dissipated. Keep away from heat and open flame.

CONTAINER DISPOSAL Do not reuse empty container. Destroy it by burying or burning. Stay away from smoke or fumes.

DIRECTIONS FOR USE

Application should be made by experienced personnel using approved safety equipment by aircraft or ground equipment.

Aircraft and ground equipment operators are cautioned to work so that the spray is carried downwind away from the aircraft or vehicle.

Personnel who use parathion must be provided medical supervision in accordance with the regulations of the State Department of Industrial Relations.

Users of parathion are required to observe regulations of the Department of Agriculture relating to injurious materials.

Parathion may not be used as an aerosol or fog, as an indoor treatment or in an oil dilution.

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.

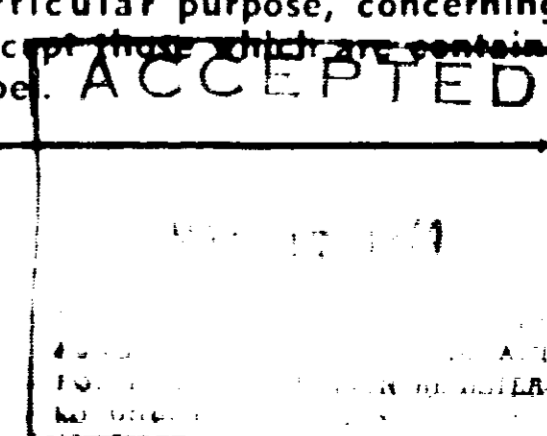
Particular care to avoid damage whenever spraying over areas containing fish or wildlife.

For uses other than as specified herein, follow directions on the label.

RECOMMENDATIONS

See attached product booklet for use directions on various crops.

NOTICE: Amvac Chemical Corporation 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 Amvac's label.



NET CONTENTS:

PARATHION 8

(INSECTICIDE—Contains 8 lb. Parathion per gallon)

KEEP COOL IN SHADE. OUT OF DIRECT SUNLIGHT. Do not use undiluted form.

DIRECTIONS

This product is intended to be applied only by specified methods and operators of aircraft or power driven ground equipment. This product is not to be used around homes or in gardens.

INDICATED AMOUNT PER 100 GALLONS WATER FOR CONVENTIONAL GROUND SPRAYERS—UNLESS OTHERWISE SPECIFIED: 1-4 Pint: 4 fluid ounces of Parathion 8 contain the same amount of parathion as 1 lb. of a 25% emulsion of a 15% formulation.

DESIGNATED AMOUNT OF PRODUCT IN THE FOLLOWING GALLONS WATER PER ACRE—UNLESS OTHERWISE SPECIFIED: GROUND APPLICATION—Vegetable and Field Crops - 30 to 250 gals. Cotton - 3 to 20 gals. Deciduous Fruit Crops - 50 to 800 gals. Citrus - 400 to 3 000 gals. Orchard Fruit Plantings - Use a minimum of 15 gals. per acre. Where Recommended for AIR APPLICATION: Field Crops - 3 to 10 gals. Orchard Crops - 10 to 100 gals.

TERMINAL USE DATES: Unless otherwise specified, number in parenthesis indicate number of days minimum to be allowed between the last application and use of produce for eating.

ALMONDS: Leaf Miner - 1-2 pint. Oriental Fruit Moth - 1-3 pint. Leaf Roller - 1-3 to 1-2 pint. Apply thoroughly as above. For Oriental Fruit Moth, apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not apply after hulls open.

APPLES: Codling Moth, Plum Curculio, Orange Tortrix, Rosy Apple Aphid, and Starry Scales, Red Banded Leaf

Roller (Second and Third Brood), Woolly Apple Aphid, Mealybug - 1-4 to 1-3 pint. By Air: 1-1-2 pints per acre. For Codling Moth and Plum Curculio, apply at petal fall and every 10 to 14 days thereafter until control is achieved. Bud Moth, Red Bug, Fruit Tree Leaf Roller, Rosy Apple Aphid, Green Apple Aphid, Red Banded Leaf Roller (First Brood), Grasshoppers, European Red Mite, Two Spotted Mite, Pacific Mite, Schoenh Mite, Willamette Mite, Clover Mite - 1-4 pint. By Air: 1 pint per acre. Repeat at 7 to 10 day intervals during summer months. This product may cause injury to fruit and foliage of McIntosh Apples and related varieties. (14)

APRICOTS: Codling Moth, Oriental Fruit Moth and Tortrix - 1-3 pint. For Codling Moth and Oriental Fruit Moth, apply at petal fall and every 10 to 14 days thereafter until control is achieved. Bud Moth, Fruit Tree Leaf Roller, Red Spider Mites and Aphids - 1-4 pint. (14) Do not apply until danger of bee poisoning has passed.

ARTICHOKE: Plume Moth, Aphid - 1-2 pint. By Air: 1-2 to 1 pint per acre. (7)

BEANS: Mexican Bean Beetle, Leafhopper, Aphids, Red Spider Mites, Two Spotted Spider Mite, Armyworm, Leaf Roller, Leaf Miner - 1-3 pint. By Air: 1-2 pint per acre. Repeat at 7 to 10 day intervals until controlled. (15)

BEET: Webworm - 1-3 pint. By Air: 1-2 pint per acre. Aphids - 1-4 pint. By Air: 1-3 to 1-2 pint per acre. Spider Mites - 3-5 pint by Ground or Air. Do not apply within 15 days of harvest or 21 days if tops are to be used for food or feed.

CABBAGE, CAULIFLOWER, BROCCOLI, BRUSSELS SPROUTS, KALE, MUSTARD GREENS: Loopers - 1-2 pint. Diamond-Back Moth, Imported Cabbage Worm, Armyworms - 1-4 to 1-3 pint. By Air: 1-2 pint per acre. Specific Aphid and Thrips control - 1-4 pint. By Air: 1-3 to 1-2 pint per acre. Cabbage Worm, Broccoli and Brussels Sprouts - 1-2 Cabbage Flea, Mustard Greens - 10

CARROTS: Aphids - 1-4 pint, applying 30 days before

spray per acre. By Air: 1-3 pint per acre. (15). Do not use treated carrot tops for food or feed.

CELERY: Celery Worms, Aphids - 1-4 pint. By Air: 1-3 pint per acre. (21)

CHERRY: Plum Curculio, Cherry Fruitiworm, Oriental Fruit Moth, Bud Moth, Tortrix, Cankerworm - 1-4 pint. By Air: 1 pint per acre. For Plum Curculio and Oriental Fruit Moth, apply at petal fall and every 10 to 14 days thereafter until control is achieved. Aphids, Red Spider Mites - 1-4 pint. By Air: 1-2 to 3-4 pint per acre. (14)

CITRUS — (CALIFORNIA AND SOUTHWEST): ORANGES, LEMONS, GRAPEFRUIT: Purple Scale - 1-3 to 1-2 pint. Use a thoroughly drenching, completely covering spray. OR 1-8 pint PARATHION 8 plus 1-3-4 gallons of a light medium or a medium spray oil per 100 gallons water. Apply thoroughly as above. Restrict applications to periods of year recommended for oil sprays. Leaf drop will be greater than for oil spray alone. California Red Scale - Use 5-8 pint alone or with 1-1-2 to 1-3-4 gallons of light or light medium oil in a full coverage spray during August-November. Citricola, Cottony-Cushion Scale (Central California) - 1-1-2 pints. Use 100 gallons diluted spray per acre. For satisfactory results, application must be made to top of trees. For Fall and Early Winter Control. Do not apply earlier than September 10. Black Scale - Single Brooded: See Red Scale directions. Citrus Thrips - 1-1-2 to 2 pints (3-4 to 1 qt.). Apply 100 gallons diluted spray per acre. To prevent scarring of lemons, apply in late spring, throughout summer and in early fall. Such treatments will give 2 to 3 weeks control. (14)

Do not exceed 10 lbs. of actual parathion per acre. If more than 4 lbs. actual parathion is applied per acre, do not apply within 30 days of harvest.

CITRUS (Florida): Purple Scale, Florida Red Scale, Craft Scale, Snow Scale, Mealybugs, Whitefly, Aphids - 1-4 to 1-3 pint. Orange Tortrix, Leaf Roller - 1 pint. Apply with care. Best results are obtained when used in the fall and in the summer spray during June

through September. Make thorough coverage. Cottony Cushion Scale - 1-3 pint. Note: Parathion does not control Soft Brown Scale. (14). Do not exceed 10 lbs. of actual parathion per acre. If more than 4 lbs. actual parathion is applied per acre, do not apply within 30 days of harvest.

CORN: Sap Beetles, Corn Leaf Aphid - Apply 1-4 pint per acre, diluted in water, the amount depending on type of equipment used. Do not apply within 12 days of harvest or cutting for forage.

COTTON: Aphids, Red Spider Mites - 1-3 to 3-4 pint per acre. Leafhoppers - 1-2 pint per acre. Leaf Perforator - 1 pint per acre. Cabbage Looper, Stink Bugs, Salt Marsh Caterpillars - 1-2 pint per acre. Workers entering fields within 24 hours after application should wear protective clothing. Do not hand pick or harvest within 7 days.

CUCUMBERS, SQUASH, MELONS: Cucumber Beetle, Melon Worm, Pickleworm, Serpentine Leaf Miner, Aphids, Spider Mite - 1-4 pint. By Air: 1-3 pint per acre. Leafhoppers - 1-2 pint by Ground or Air. Do not spray to Cucumbers before vining or within 15 days of harvest. Melons - 7. Squash (15).

GRAPES: Mealybug, Leaf Folder - 1-4 to 1-3 pint. By Air: 1-2 to 3-4 pint per acre. Red Spider Mites - 1-4 pint repeated at 5 to 7 days. By Air: 1-2 pint per acre. (14)

LETTUCE: Aphids, Armyworms - 1-3 to 1-2 pint per acre. Loopers, Leaf Miner - 1-2 pint per acre. Head Lettuce - 7. Leaf Lettuce (21).

ONIONS: Thrips - 1-4 pint. Repeat at week intervals, if necessary. By Air: 1-3 pint per acre. (15). Onion Maggots - 1-2 pint per acre in furrow at time of planting.

ORNAMENTALS: Commercial Plantings Only - Not to be used adjacent to residences or residential areas. Aphid, Whiteflies, Red Spider Mites, Leafhoppers, Thrips - 1-4 pint. Spider Mites, Leafhoppers - Repeat at 7 to 10 days. Mealybugs, Scales and Leaf Tier - 1-2 pint per acre. (14)

crawler stages. Repeat application may be necessary in 3 weeks.

PEAS: Aphids, Pea Weevil - 1-4 pint per acre. By Air: 1-3 pint per acre. (10)

PEACH, NECTARINE: San Jose Scale - 2-5 to 1-2 pint Plum Curculio, Oriental Fruit Moth, Cat-Facing Insects - 1-4 to 1-3 pint. By Air: 1 pint per acre. For Plum Curculio and Oriental Fruit Moth, apply at petal fall and every 10 to 14 days thereafter until control is achieved. For Tree Leaf Roller, Cottony Peach Scale, Green Peach Aphid and Red Spider Mites: 1-4 pint. By Air: 3-4 pint per acre. Peach Twig Borer - 1-2 pint. By Air: 1 pint per acre. California Area - (21). Do not apply more than 5 lbs. actual parathion per acre between Jan. 1 and harvest. All other areas - (14). Do not apply more than 5 lbs. actual parathion per acre per year.

PEARS: Pear Blister Mite - 1-4 to 1-3 pint in pre-blossom spray. By Air: 1 to 1-1-2 pints per acre. Pear Psylla - 1-4 pint either in pre-blossom or post-blossom sprays. By Air: 3-4 to 1 pint per acre. Codling Moth, Pearbug, Woolly Aphid and certain Spider Mites—See the label under apples. Under certain conditions injury may result to Bose Pears. (14)

PEPPERS: Aphid, Serpentine Leaf Miner - 1-4 pint. By Air: 1-3 pint per acre. (15)

POTATO, TOMATO: Colorado Potato Beetle, Flea Beetle, Leafhopper, Serpentine Leaf Miner, Grasshoppers, White Fly, Aphids - 1-4 pint with regular fungicide program. By Air: 1-2 pint per acre. Potatoes - 5. Tomatoes (10)

POTATOE: Potato Psyllid - 1-3 to 1 pint per acre by ground or air application. (5)

PRUNE, PLUM: Plum Curculio - 1-3 to 1-2 pint. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Bud Moth, Mealy Plum Aphid, Tortrix, Leaf Roller, Leafhoppers, Aphids, Red Spider Mites - 1-4 to 1-3 pint. By Air: 1 to 1-1-2 pints per acre in water

to cover. San Jose Scale, Parlatoria Scale, Mealy Plum Aphid Eggs, Mite Eggs, Overwintering Twig Borer—in Dormant - 1-2 pint (not over 2-1-2 pints per acre) plus 1-1-2 gallons VOLCK Supreme Spray. Do not apply within 14 days of harvest.

RICE: Rice leafminer, tadpole shrimp - 1-10 pint in 5-10 gallons water. Apply by aircraft at the first sign of infestation after planting. Restrict spill from rice fields for 2 days following application. Do not apply within 1 day of harvest. Do not use within 14 days of 3,4-dichloropropionanilide. Do not apply over canals or laterals.

SPINACH: Aphids - 1-4 to 1-2 pint per acre. By Air: 1-2 pint per acre. (14)

STRAWBERRIES: Leaf Roller, Red Spider Mite - 1-4 to 1-3 pint. Repeat at 7 to 10 day intervals. By Air: 1-3 pint per acre. (14)

TOBACCO (Field): Aphids, Suckfly - 1-4 pint. Make no application within 5 days of priming or 15 days of cutting. Avoid getting wet with plant juices when cutting. By Air: 1-3 pint per acre.

TOBACCO (Seed Bed): Aphids, Thrips, Flea Beetles - 4 teaspoonfuls per 100 sq. yds. in water to cover. Apply when plants are dry. Make first application when beetle holes are first found in leaves or when aphids are observed on plants. More than 2 applications may cause injury. Rubber gloves should be worn when handling plants. Avoid plant juices from coming into contact with skin.

TOBACCO: Wireworms - Broadcast Treatment - 2 pints per acre. Apply at least 3 weeks before transplanting. Do not apply parathion in transplant water.

TURNIPS: Diamond-Back Moth, Imported Cabbage Worm, Armyworms - 1-4 to 1-3 pint. By Air: 1-3 pint per acre. specific Aphid and Thrip Control - 1-4 pint. By Air: 1-3 pint per acre. (10)

VETCH, ALFALFA, CLOVER, WHEAT, OATS, BARLEY: Green-bottle (Aphids), Armyworms, Grasshoppers - 1-4 to 1-3 pint per acre by ground or air application. Alfalfa Weevil Larvae - 1-3 pint per acre. Apply when alfalfa is 12 to 14 inches high. For severe infestation repeat application to stubble after first cutting. (15)

PRE-PLANTING SOIL TREATMENTS: Lettuce, Cabbage, Cauliflower, Carrots, Beans - Symphylids, Springtails - 5 pints per acre, working into top 3 to 6 inches of soil. Keep all persons and animals out of treated area for 48 hours. Do not contaminate ponds or streams.

MOSQUITO CONTROL: In rice fields, irrigated pastures apply 1.6 fluid ounces in 5-20 gallons water by aircraft or in 25-100 gallons water by ground equipment. Do not apply within 1 day of harvest of rice, or 7 days of harvest or grazing of pastures. Irrigation ditches - apply 1.6 oz. per acre in 5-20 gallons water by aircraft or in 25-100 gallons water by ground equipment. To be applied by Public Health or Mosquito Abatement authorities. Repeat as necessary.

NOTICE: Amvac Chemical Corporation 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 Amvac's label.

Manufactured by
AMVAC CHEMICAL CORP.
Los Angeles, California 90023

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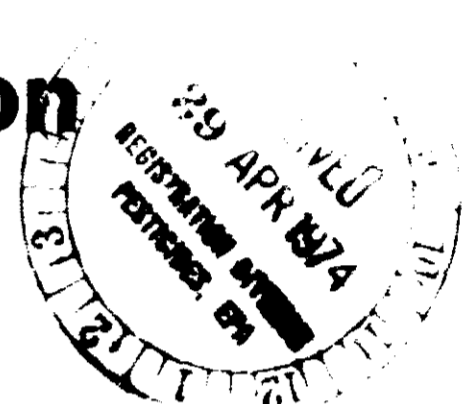
Parathion

8

(Insecticide)



POISON



SEE CONTAINER LABEL FOR ANTIDOTE AND DANGER STATEMENTS.

READ ENTIRE LABEL AND BOOKLET. USE STRICTLY IN ACCORDANCE WITH DANGER STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

KEEP PESTICIDE IN ORIGINAL CONTAINER

WASH EMPTY CONTAINER WITH ALKALI AND DESTROY BY PUNCHING HOLES IN THE CONTAINER AND BURYING IN A SAFE PLACE AWAY FROM WATER SUPPLIES AND RUN-OFF. NEVER RE-USE.

DIRECTIONS FOR USE