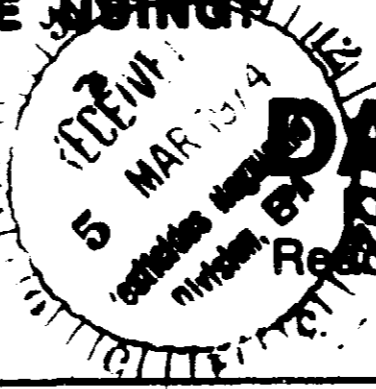




READ LABEL BEFORE USING

POISON

See below for antidote and precautions.



DANGER

Keep Out of Reach of Children

148-569
AGRICULTURAL EXTENSION SERVICE

PARATHION W-25

ACTIVE INGREDIENT: Parathion (O, O-diethyl O-p-nitrophenyl) phosphorothioate 25%
INERT INGREDIENTS: 75%

E.P.A. Reg. No. 148-569 AA
NOT FOR HOME USE

⚠ 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.

DO NOT SWALLOW



POISONOUS BY SKIN CONTACT

Poisonous if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes).

DO NOT TOUCH



POISONOUS IF BREATHED

Breathing vapors, spray mist or dust may be fatal.

DO NOT BREATHE

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. Do not contaminate water by cleaning of equipment or disposal of wastes.

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. TREAT SYMPTOMATICALLY.

POST TREATED AREA

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

CAUTION: Misuse as to quantity, timing or method of application can cause damage or injury to animals, persons, property or crops or cause residues in excess of official tolerances.

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

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 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.

Do not reuse empty container. Wash thoroughly with water and detergent. Discard in a safe place.

NET WEIGHT



DANGER — POISON



**PARATHION W-25
DIRECTIONS FOR USE**

Dosages are Pounds per 100 Gallons Water

CAUTION: DO NOT REUSE CONTAINER. DESTROY BY BURYING IN A SAFE PLACE. DO NOT BURN.

Do not apply to Strawberries, Spinach or to any deciduous fruit trees listed on the label within 14 days of harvest; to Onions within 15 days of harvest; to Peas or Tomatoes within 10 days of harvest; to Beans or Cabbage within 7 days of harvest; to Potatoes within 5 days of harvest; or to Almonds after hulls open. Do not prune trees or thin fruit for 2 weeks after application.

APPLE: Codling Moth, Plum Curculio - 1#. Apply at petal fall and every 10-14 days thereafter until control is achieved. Orange Tortrix, Certain Scales, Red-banded Leaf Roller (2nd and 3rd broods), Woolly Apple Aphid, Mealy Bug, Bud Moth, Red Bug, Fruit Tree Leaf Roller, Rosy and Green Apple Aphid, Leafhopper, Red-banded Leaf Roller (1st brood), Grasshoppers, certain species of Mites, European Sawfly, Pear Borer - 2#.

To avoid possible injury, do not apply to McIntosh type in early stages.

PEAR: Blister Mite - 1 lb. 1-oz. pre-blossom. Psylla - 10ozs. Codling Moth, Mealy Bug, Woolly Aphid, Mites - see Apple.

PEACHES, ALMONDS: Oriental Fruit Moth, Plum Curculio—22 ounce. Apply at petal fall and every 10-14 days thereafter until control is achieved. Peach Tree Borer - 1#. Apply 2 or 3 sprays to trunk from ground to scaffold limbs timed with moth flight. Fruit Tree Leaf Roller, Cottony Peach Scale, Green Peach Aphid, certain species of Mites, Shot-hole Borer, Red-banded Leaf Roller, San Jose Scale, Cat-facing Insects, Lecanium Scale (after all eggs have hatched) - 2#. Areas other than California: Do not apply more than 5# actual Parathion per acre per year. California: Do not apply more than once after bloom. Do not apply more than 5# actual Parathion per acre between January 1st, and harvest. See re-entry cautions.

PRUNE, PLUM: Plum Curculio - 20 ounce. Apply at petal fall and every 10-14 days thereafter until control is achieved. San Jose Scale - 25 ounce when crawlers emerge. Bud Moth, Mealy Plum Louise, Tortrix, Leaf Rollers, Leafhoppers, Aphids, certain species of Mites - 1#.

GRAPES: Mealy Bug, Leaf Folder, certain species of Mites, Grape Berry Moth - 1#. Apply before fruit is buckshot size, or after harvest. See re-entry cautions.

ON THE FOLLOWING CROPS DOSAGES ARE PER ACRE. USE 20-50 GALLONS OF WATER IN A POWER GROUND SPRAYER.

STRAWBERRIES: Leafroller, Red Spider Mite - 2#. Repeat at 7-10 day intervals. Use only before fruit set or after harvest.

BEANS: Mexican Bean Beetle, Leafhopper, Aphids, Red Spider, Armyworms, Leafroller, Leafminer - 2#. Repeat at 7-10 day intervals.

CABBAGE: Aphids, Thrips, Diamondback Moth, Imported Cabbage Worm, Armyworm - 1#.

PEAS: Pea Weevil, Aphids - 1-2#.

SPINACH: Aphids - 1#.

ONIONS: Thrips - 2#. Repeat at weekly intervals.

POTATOES, TOMATOES: Colorado Potato Beetle, Flea Beetle, Leafhopper, Serpentine Leaf Miner, Grasshoppers, Whitefly, Aphids, Armyworms - 2#.

RE-ENTRY: Do not allow workers to enter field to engage in any activity requiring substantial contact with treated foliage for the following periods: Grapes—21 days; Peaches—21 days; Nectarines—21 days; Citrus: 4 lbs. actual Parathion or less per acre per year—re-entry 21 days, 4-10 lbs. actual Parathion per acre per year—re-entry 30 days, More than 10 lbs. actual Parathion per acre per year or more than 8 lbs.—per single application—re-entry 45 days.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.



DANGER — POISON



APRICOTS: For control of codling moth, fruit tree leaf roller, spider mites, Oriental fruit moth, peach twig borer use 2 1/4 lbs. per 100 gallons water. For control of bud moth and aphids, use 1/4 to 1 1/2 lbs. per 100 gallons water. Do not exceed 14 lbs. per acre. Do not apply within 14 days of harvest.

DO NOT APPLY UNTIL DANGER OF BEE POISONING HAS PASSED.

CHERRY: Bud moth, black cherry aphids, cankerworm, fruit worm, Oriental fruit moth, San Jose scale, apply at time crawlers emerge, apply 1-2 lbs. per 100 gallons of water. For mites and aphids—1/2 to 1 lb. per 100 gallons water. Do not apply within 14 days of harvest. Do not exceed 8 lbs. per acre.

CITRUS (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangelos, Tangerines) (California): For control of California red scale and yellow scale—use 2 1/2 lbs. or 1/2 lb. with 1 1/2 to 1 3/4 gallons of a light or medium oil emulsion per 100 gallons in a full coverage spray. For control of purple scale use 1 1/2 lb. or 1/2 lb. with 1 1/2 to 1 3/4 gallon of a light or medium oil emulsion per 100 gallons in a full coverage spray. For control of citricia and Cottony-cushion scale use 8 lbs. per 100 gallons and 100 gallons per acre or 1/2 lb. per 100 gallons in full coverage spray during August to November; increase dose to 1/2 lb. per 100 gallons in a full coverage spray during February and March and 1 lb. during May and June application. For control of citrus thrips use 6 lbs. per 100 gallons and 100 gallons per acre or 1 lb. per 100 gallons in a full coverage spray at time of petal fall. Repeat in late summer and early fall to protect new growth and prevent scarring of fruit. Limitations: For less than 15 lbs. per acre rate—Do not apply within 14 days of harvest. See re-entry cautions. For 16 to 40 lbs. per acre rate—Do not apply within 30 days of harvest.

CURRANTS: Apply 1 lb. per 100 gallons of water to control aphids. Do not exceed 3 lbs. per acre. Do not apply within 30 days of harvest.

NECTARINES: For control of plum curculio, Oriental fruit moth, San Jose scale, fruit tree leaf roller, spider mites, cottony peach scale, and catfacing insects use 25 oz. per 100 gallons water. For control of green peach aphids use 12 oz. per 100 gallons water. Do not exceed 10 lbs. per acre. California: Do not apply within 21 days of harvest. Do not apply more than once after bloom. Do not apply more than 5 lbs. actual Parathion per acre between January 1 and harvest. Other Areas: Full coverage spray for control of scale insects. Do not apply within 14 days of harvest. Do not apply more than 5 lbs. actual Parathion per acre per year. See re-entry cautions.

OLIVE: For control of parlatoria, oleander and black scales, use 2 1/2 lbs. or 1 lb. with regular oil in spray during June or July. Do not apply later than August 1. Do not exceed 44 lbs. per acre.

WALNUTS: Use 1-2 lbs. per 100 gallons water to control aphids and red spider. Repeat at 7-10 days for red spider. Do not apply after husks open. Do not exceed 40 lbs. per acre.

ARTICHOKES: Apply 2-4 lbs. per acre to control plume moth, aphids. Do not apply within 7 days of harvest.

BEETS: For aphids and webworm apply 1 to 2 1/2 lbs. per acre. For blister beetle apply 2 to 2 1/2 lbs. per acre. For flea beetle and leaf miner apply 1 1/4 to 2 1/2 lbs. per acre. Do not apply within 15 days of harvest, or 21 days if treated tops are to be used for food or feed.

EGGPLANT, RAISHES: Apply 1-2 lbs. per acre to control aphids, leafminer. Do not apply within 15 days of harvest.

BOYSENBERRIES, DEWBERRIES, GOOSEBERRIES, LOGANBERRIES: Apply 1 lb. per 100 gallons water to control aphids. Do not exceed 4 lbs. per acre. Do not apply within 15 days of harvest.

BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER: For control of aphids, armyworms, cabbage looper, diamondback moth, imported cabbageworm, serpentine leafminer and thrips, apply 2 lbs. Do not apply within 7 days of harvest on broccoli, brussels sprouts and cauliflower, 10 days on cabbage.

CARROTS: For control of aphids, use 1/4 lbs. per 100 gallons. Apply 100 gallons per acre. Do not apply within 15 days of harvest. Do not exceed 4 lbs. per acre. Do not use treated carrot tops for food or feed.

CELERY: For control of aphids, use 2 lbs. in 200 gallons of water per acre. Do not apply within 21 days of harvest.

CORN: Apply 2-4 lbs. per acre to control European corn borer, armyworm. Do not apply within 14 days of harvest or cutting for forage.

COTTON: Apply 1-4 lbs. per acre to control aphids, red spider mite, flea hopper. Do not apply within 7 days of hand picking. Workers entering fields within 24 hours should wear protective clothing.

CUCUMBERS, SQUASH, MELONS, PUMPKINS: Apply 1-2 lbs. per acre to control aphids, cucumber beetle, climbing cutworms, leafminer, melon worm, pickle worm, serpentine leafminer, spider mite and thrips. Apply 2 lbs. per acre to control leafhoppers and squash bugs. Make no application before vining or within 15 days of harvest on cucumbers. Do not apply within 15 days of harvest on squash, 10 days of harvest on pumpkins, 7 days of harvest on melons. Do not apply to cucurbits unless plants are dry.

ENDIVE, LETTUCE: Apply 1-2 lbs. per acre to control aphids. Apply 1 1/2 to 2 lbs. per acre to control leafhoppers. Do not apply within 21 days of harvest on endive, leaf lettuce, 7 days of harvest on head lettuce.

HOPS: 1-2 1/2 lbs. per acre to control red spider mite, aphids. Do not apply within 15 days of harvest. **KALE, MUSTARD GREENS, TURNIPS:** Apply 2 lbs. per acre to control aphids, armyworm, cabbage looper, flea beetle, diamondback moth, imported cabbageworm, serpentine leafminer, thrip. Do not apply within 10 days of harvest.

SPINACH, SWISS CHARD: Apply 2 lbs. per acre to control aphids. Do not apply within 14 days of harvest on spinach, 21 days of harvest on swiss chard.

SUGAR BEETS: Apply 2-2 1/2 lbs. per acre to control aphids, webworms. Do not apply within 15 days of harvest.

ORNAMENTALS: Apply 1-2 lbs. per 100 gallons of water to control aphids, whitefly, red spider mite, leafhopper, thrips, lace bug, bagworm, cottony cushion scale, juniper webworm, mealy bug. Repeat as necessary.

PEAS: Apply 1-2 lbs. per acre to control aphids and pea weevil. Apply 2 lbs. per acre to control serpentine leafminer. Do not apply within 10 days of harvest.

PEPPERS: Apply 1 to 2 1/2 lbs. per acre to control aphids, pepper maggot, serpentine leafminer, and thrips. Apply 1 1/2 to 2 1/2 lbs. per acre to control flea beetles. Do not apply within 15 days of harvest.