



ORTHO

DANGER - POISON - PRECAUTIONS



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 highly 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 where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

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.

Parathion 25 Wettable

STOP • READ LABEL BEFORE USING!

POISON
See Side
Panels for
Antidote &
Precautions



DANGER
Keep Out of
Reach of
Children

NOT FOR HOME USE

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**USE ONLY W
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POISON

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BEFORE USING!

DANGER

Keep Out of Reach of Children

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

(1) Wear water-proof pants, coat, hat, rubber boots or rubber over-shoes. (2) Wear safety goggles. (3) Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11. (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. Do not store next to feed or food, or transport in or on vehicles containing foodstuffs or feeds. **Do not apply under conditions involving possible drift to food, forage, or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.**

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 any thing 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 PHYSICIANS

Emergency Information — Call (415) 233-3737. 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 or Experiment Station regarding posting treated areas.

CONTAINER DISPOSAL

See attached booklet for proper disposal.

CROP USE DIRECTIONS

Use only according to attached label booklet instructions.

Chevron Chemical Company

EDA Reg. No. 220-222-AA

cutting. Where applications have been made within 30 days of cutting, handlers should wear gloves and avoid having plant juices contact clothing. Avoid contact with plant juices when pruning or cutting tobacco. When necessary to enter treated fields within 24 hours after application protective clothing should be worn.

TOMATOES, CARROTS: Aphids— $\frac{2}{3}$ lb. per 100 gals. water (300 gals. spray per acre). Do not apply to Tomatoes within 10 days of harvest and to Carrots within 15 days of harvest. Do not use treated carrot tops for food or feed.

WALNUTS: Frosted Scale—Air Carrier Equipment: 2 lbs. Apply 250 gals. diluted spray per acre. Conventional Spray Equipment: 1 lb. Apply 500 gals. diluted spray per acre. Apply during dormant period after defoliation is complete. **Aphids**—1 lb. Do not apply after husks open.

WHEAT, OATS, BARLEY: Green Bug (Aphids)—1 lb. per acre. Concentrate Purposes—1 lb. in 2 gals. water by air. Do not apply within 15 days of harvest.

MIXING: Add directly to the nearly-full spray tank with adequate agitation and take care to avoid splashing in face. Keep agitator running during filling and spraying operations. ORTHO Parathion 25 Wettable is compatible with ORTHO Standard Lead Arsenate, ORTHO Rotenone 5 Wettable, ZINC COPOSIL Fungicide, FLOTOX Wettable Sulfur and corresponding products. It is also compatible with many organic fungicides.

CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.



ORTHO

Parathion 25 Wettable

(INSECTICIDE)



SEE CONTAINER LABEL FOR DANGER STATEMENTS.

READ ENTIRE LABEL AND STRICTLY IN ACCORDANCE WITH DANGER STATEMENTS AND WITH APPLICABLE FEDERAL REGULATIONS.

KEEP PESTICIDE IN ORIGINAL CONTAINER.

COMPLETELY EMPTY CONTAINER OF WASTE PESTICIDE AND BURYING. DO NOT BURN.

Chevron Chemical Company

Ortho Division, San Francisco, CA 94119 Richmond, CA 94804
Product 1602 Made in U.S.A.
Form 8227 B
EPA Reg. No. 739-522 AA

DIRECTIONS FOR USE



ORTHO Parathion 25 Wettable (INSECTICIDE — Contains 25% Parathion)

DIRECTIONS: This product is not to be used around homes or home gardens.
USE DESIGNATED AMOUNT IN 100 GALS. WATER UNLESS OTHERWISE SPECIFIED.

ALMONDS: Oriental Fruit Moth, Tent Caterpillar — 1½ to 2 lbs. Twig Borer — 2 lbs. Apply full coverage spray. Do not apply after hulls open. Do not feed treated hulls to livestock.

APPLES, PEARS (Limit applications to 2 during single growing season): Red Spider Mites — ⅔ lb. Woolly Aphid — ⅔ lb. in early growing season. Mealybugs — 1 lb. San Jose Scale, Other Scale Insects — 1½ to 2 lbs. Apply full coverage spray. Consult State Agricultural Experiment Stations for addition of Oil Spray for better scale control. This product may cause injury to fruit and foliage of McIntosh, related apple varieties and Bosc Pears. Do not apply within 14 days of harvest.

APRICOTS: Orange Tortrix, Codling Moth, Mealybugs — 2 lbs. For Codling Moth apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not apply within 14 days of harvest. Do not apply until danger of bee poisoning has passed.

BEANS: Twospotted Spider Mite, Mexican Bean Beetle — ⅔ lb. per 100 gals. water (300 gals. spray per acre). Do not apply within 15 days of harvest.

CELERY: Aphids — 1½ lbs. per acre. Leaf Miner — 3 lbs. per acre. Spider Mites — 16 lbs. per acre. Use 100 to 150 gals. spray per acre. Do not apply within 30 days of harvest.

CHERRIES: Bud Moth and Orange Tortrix, Leaf Rollers,

Black Cherry Aphid, Brown Almond Mite — 1 lb. Apply full coverage spray. Do not apply within 14 days of harvest.

CITRUS — (California and Southwest) — ORANGES, LEMONS, GRAPEFRUIT: Purple Scale — 1½ lbs. ORTHO Parathion 25 Wettable per 100 gals. water using a thoroughly drenching, completely covering spray. Or. ½ lb. ORTHO Parathion 25 Wettable plus ¼ gals. ORTHOL-K READY-MIX Light Medium or ORTHOL-K READY-MIX Medium per 100 gals. 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. Citricola, Cottony-Cushion Scale (Central California): 6 lbs. Use 100 gals. 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 Purple Scale directions. Citrus Thrips: 8 lbs. Apply 100 gals. diluted spray per acre. To prevent scarring of lemons apply in late spring, throughout summer and in early fall. Such treatment will give 2 to 3 weeks control. Do not apply more than 16 lbs. of Parathion 25 Wettable per acre. Do not apply within 14 days of harvest.

CUCUMBERS: Aphids, Thrips, Spider Mites — 1 to 2 lbs. in water to cover 1 acre. Repeat as necessary. Do not apply before vining or within 15 days of harvest.

GRAPES: Mealybugs — 2½ lbs. in water to cover 1 acre. Do not apply within 14 days of harvest.

LETTUCE: Cabbage Looper, Armyworms, Aphids — 2 lbs. per acre in water to cover. Do not apply on Head Lettuce within 7 days of harvest and to Leaf Lettuce within 21 days of harvest.

OLIVE TREES: Olive Scale (Parlatoria Scale), Oleander Scale and Black Scale — Use full-coverage spray. Use following dosages in 100 gals. water. **Prebloom Sprays:** 1 2½ lbs. ORTHO Parathion 25 Wettable or 1 lb. ORTHO Parathion 25 Wettable and 1½ gallons ORTHOL-K Flowable Light Medium. **Postbloom Sprays:** Late May, early June — 2½ lbs. ORTHO Parathion 25 Wettable or 1 lb. ORTHO Parathion 25 Wettable and 1½ gals.

ORTHOL-K Flowable Light Medium or Medium. **Postbloom Sprays:** Mid-June to August 1 — 2½ lbs. ORTHO Parathion 25 Wettable or 1 lb. ORTHO Parathion 25 Wettable plus 1½ gals. ORTHOL-K Flowable Light Medium or Medium. Do not apply later than August 1.

ONIONS: Onion Maggots — 2 lbs. in sufficient water to cover 1 acre. Apply in furrow at time of planting onion seeds.

PEACHES, NECTARINES: Cottony-Cushion Scale (Crawler Stage Only) — 1½ lbs. — Only 2 sprays during a single growing season. Thrips — 1 lb. Apply every 5 to 6 days from 25% bloom through petal fall. Olive Scale (Parlatoria), San Jose Scale and Other Scale — 1½ to 2 lbs. Oriental Fruit Moth, Peach Twig Borer — 2 lbs. For Oriental Fruit Moth apply at petal fall and every 10 to 14 days thereafter until control is achieved. Repeat as necessary. Consult State Agricultural Experiment Stations for addition of oil sprays for better scale control. California Area — 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 Jan. 1 and harvest. All 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.

PECANS: Aphids, Mites — 1 to 2 lbs. to 100 gals. water. Apply full coverage spray. Apply at first sign of insects. Repeat as necessary. Do not apply within 15 days of harvest or after shucks open.

PLUMS, PRUNES: Bud Moth, Thrips, Mealy Plum Aphids, Leafhoppers, Tortrix, Tussock Moth, Red Spider Mites — 1½ lbs. Olive Scale (Parlatoria), Oleander Scale and Other Scale Insects — 1½ to 2 lbs. Full coverage spray for control of scale insects. Consult State Agricultural Experiment Stations on addition of oil sprays for better scale control. Do not apply within 14 days of harvest.

TOBACCO: Aphids — Seedbed — ⅔ lb. Not more than 2 sprays. Handlers of treated plants should wear gloves. Field — ⅔ lb. Apply not later than 5 days before priming and 15 days before