



DANGER—POISON—PRECAUTIONS 

CAN KILL YOU IF SWALLOWED

This product can kill you if swallowed even in small amounts: spray mist or dust 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, spray mist or dust are breathed.

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.

CROP KING CHEMICAL

YAKIMA, WASHINGTON 98907

POISON

See side panels
for antidote
and precautions

STOP! READ THE LABEL



CAN KILL YOU

DANGER

Keep out of reach
of children

PARATHION 4-E

ACTIVE INGREDIENTS:

Parathion* (O, O-diethyl O-p-nitrophenyl thiophosphate)	46.4%
Xylene-range Aromatic Solvent	47.2%

INERT INGREDIENTS

6.4%

100.0%

NOT FOR HOME USE

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 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.

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 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.

EPA Reg. No. 682-20

thiophosphate) 46.4%
47.2%
6.4%

100.0%

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ACCEPTED

Oct. 1, 1972

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
ED UNDER NO.



PARATHION 4 - E

CROP KING CHEMICALS
Yakima, Washington 98907

AIRPLANE APPLICATIONS: For airplane applications use a minimum of 5 gallons of water per acre. Where economy and equipment permit use 10 gallons of water per acre. Do not exceed rate of Parathion specified for each crop.

OBSERVE THE FOLLOWING USE PRECAUTIONS

Observe use limitations given for specific crops.

DO NOT apply during bloom when honey bees or other pollinators are active. Avoid drift to adjoining food and forage crops about to be harvested, or crops in bloom.

Do not apply when weather conditions favor drift of spray from areas treated.

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed.

Keep out of lakes, ponds and streams.

Thoroughly mix before use, or use entire container at one time.

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

Consult local agricultural extension service authorities for information concerning local conditions.

DIRECTIONS FOR USE

Applications should be made only by experienced personnel using approved safety equipment.

Pour recommended amount of this material into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling, mixing, and spraying operations. Do not allow mixture to stand. 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 emulsifiable liquids with wettable powders in the same spray tank unless previous use of the materials being combined has proved them to be physically compatible.

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAMES. DECONTAMINATE EMPTY CONTAINER OR DESTROY — PERFORATE, CRUSH.

When spraying with boom sprayers and other power equipment, use a minimum of 100 gallons of water per acre or more if equipment and economy permit. Thorough coverage of all foliage and stems is essential for good control.

BEETS — Aphids, webworms — use 1 pt. ~~WITHIN 15 DAYS OF HARVEST (21 DAYS BE USED FOR FOOD OR FEED).~~

CABBAGE, BROCCOLI, BRUSSELS SPROUTS — Aphids, armyworm, diamond-back moth, thrips — use 1/2 to 3/4 pt. per acre. ~~DAYS OF HARVEST.~~

CARROTS — Aphids, leafhoppers — use ~~NOT APPLY WITHIN 15 DAYS OF HARVEST TOPS AS FOOD OR FEED.~~

CELERY — Aphids, celeryworm — use 1/2 pt. per acre. ~~DO NOT APPLY WITHIN 21 DAYS OF HARVEST.~~

CORN — Armyworms — use 1/2 pt. per acre. ~~DO NOT APPLY WITHIN 12 DAYS OF HARVEST.~~

CUCUMBER, SQUASH, MELONS — Aphids, worm, pickleworm, serpentine leaf miner — do not apply unless plants are dry nor use ~~DO NOT APPLY ON CUCUMBERS AND SQUASH WITHIN 7 DAYS OF HARVEST: ON MELONS 7 DAYS.~~

ONIONS — Aphids, thrips — use 1 to 1 1/2 pt. per acre. ~~APPLY WITHIN 15 DAYS OF HARVEST.~~

PEA — Aphids, pea weevil — use 1/2 to 3/4 pt. per acre. ~~APPLY WITHIN 10 DAYS OF HARVEST.~~

PEPPER — Aphids, serpentine leaf miner — use 1/2 to 3/4 pt. per acre. ~~DO NOT APPLY WITHIN 15 DAYS OF HARVEST.~~

SPINACH — Aphids — use 1/2 to 3/4 pt. per acre. ~~WITHIN 14 DAYS OF HARVEST.~~

LEGUMES — Alfalfa, clover, vetch, wheat, control of aphids, including yellow clover beetles and grasshoppers; apply 1/2 pt. coverage per acre at first sign of infestation on forage crops within 15 days of cutting. Do not use on wheat, oats and barley no clover. Rinse equipment and containers and dispose of on non-crop lands away from water supply. Do not dispose by punching holes in them and burning (keep out of smoke).

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USE PRECAUTIONS

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BEETS — Aphids, webworms — use 1 pt. per acre. DO NOT APPLY WITHIN 15 DAYS OF HARVEST (21 DAYS IF TREATED TOPS ARE TO BE USED FOR FOOD OR FEED).

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, KALE, MUSTARD — Aphids, armyworm, diamond-back moth, imported cabbage worm, thrips — use 1/2 to 3/4 pt. per acre. DO NOT APPLY WITHIN 10 DAYS OF HARVEST.

CARROTS — Aphids, leafhoppers — use 1 to 1 1/2 pts. per acre. DO NOT APPLY WITHIN 15 DAYS OF HARVEST. DO NOT USE TREATED TOPS AS FOOD OR FEED.

CELERY — Aphids, celeryworm — use 1/2 to 3/4 pt. per acre. DO NOT APPLY WITHIN 21 DAYS OF HARVEST.

CORN — Armyworms — use 1/2 to 3/4 pt. per acre. DO NOT APPLY WITHIN 12 DAYS OF PICKING, CUTTING OR FORAGE.

CUCUMBER, SQUASH, MELONS — Aphids, cucumber beetle, melon-worm, pickleworm, serpentine leaf miner — use 1 pt. per acre. Do not apply unless plants are dry nor until runners begin to form. DO NOT APPLY ON CUCUMBERS AND SQUASH WITHIN 15 DAYS OF HARVEST. ON MELONS 7 DAYS.

ONIONS — Aphids, thrips — use 1 to 1 1/2 pts. per acre. DO NOT APPLY WITHIN 15 DAYS OF HARVEST.

PEA — Aphids, pea weevil — use 1/2 to 3/4 pt. per acre. DO NOT APPLY WITHIN 10 DAYS OF HARVEST.

PEPPER — Aphids, serpentine leaf miner — use 1/2 to 3/4 pt. per acre. DO NOT APPLY WITHIN 15 DAYS OF HARVEST.

SPINACH — Aphids — use 1/2 to 3/4 pt. per acre. DO NOT APPLY WITHIN 14 DAYS OF HARVEST.

LEGUMES — Alfalfa, clover, vetch, wheat, oats, and barley. For the control of aphids, including yellow clover aphid, armyworms, blister beetles and grasshoppers, apply 1/2 pt. in sufficient water for good coverage per acre at first sign of infestation. Make no application on forage crops within 15 days of cutting or forage use. Last applica- tion on wheat, oats and barley no closer than 15 days.

Rinse equipment and containers and dispose of wastes by burying in non-crop lands away from water supplies. Containers should be disposed by punching holes in them and burying with wastes, or by burning (keep out of smoke).

IMPORTANT NOTICE TO PURCHASER AND USER OF THIS PRODUCT — This product is manufactured, labeled and sold in accordance with state and federal laws. Adequate directions for use, necessary warnings and cautions, and other essential information on the safe handling and use of this product are set forth on this label. However, the use and handling of this product is always attended with risk of personal injury or property damage if the user or handler departs to any degree from the instructions on this label. The manufacturer makes no warranties, either express or implied, and assumes no responsibility whatsoever for the effectiveness or safety of this product except to the extent that the product is used and handled in strict accordance with the information and directions set forth on this label. The foregoing limitation of responsibility may not be altered in any way except by written agreement signed by officers of the manufacturer. Unless the intended purchaser agrees to be bound by the terms and limitations expressed herein and on this label, the manufacturer refuses to consummate the sale of this product to him and the product must be returned to the manufacturer.

CROP KING CHEMICALS, Yakima, Washington 98907