

BEST DOCUMENT AVAILABLE
RESTRICTED USE PESTICIDES

For retail sale to and use only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's Certification.

PARATHION 4 Lb.

EMULSION CONCENTRATE

DIRECTIONS FOR USE

Application should be made only by experienced personnel using approved safety equipment. Do not apply with hand equipment. Apply by air or ground equipment in sufficient water for good coverage. When applying by aircraft dilute with approximately 3-10 gallons water per acre consistent with crop growth and good coverage.

For specified amount of this product into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. 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 with wettable powders unless previous use of the mixture has proven physically compatible and safe to plants. Always thoroughly emulsify this product with at least half of total water before adding wettable powder.

The following dosages are given in pints of Parathion 4 Lb. Emulsion Concentrate per acre application to be used in sufficient water to give thorough coverage.

ALFALFA, CLOVER, VETCH: Aphids, Blister Beetles, Grasshoppers. Use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. Do not apply within 15 days of harvest or forage use.

BEANS: Aphids, Armyworms, Leafhopper, Leaf Miner, Leaf Roller, and Mexican Bean Beetle. Use 1 pt. per acre. Repeat applications at 7 to 10 day intervals until controlled. Do not apply within 15 days of harvest.

BEETS: Aphids, Leafhoppers, Webworm. Use 1 pt. per acre. Do not apply within 15 days of harvest (21 days if treated tops are to be used for feed or food).

COLE CROPS (Cabbage, Broccoli, Brussels Sprouts, Cauliflower, Kale, Mustard, Turnip): Aphids, Armyworm, Diamond-back Moth, Imported Cabbageworm, Thrips. Use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. Do not apply to cabbage, kale, mustard and turnips within 10 days of harvest; 7 days on broccoli, Brussels Sprouts and Cauliflower.

CORN: Armyworms, Corn Rootworm Adults. Use $\frac{1}{2}$ pt. per acre. European Corn Borer. Use 1 pt. per acre. For corn rootworm make full coverage application to foliage when adult beetles become abundant and repeat as necessary. Do not apply within 12 days of harvesting or cutting for forage. For corn borer, make one or more applications beginning when borer damage threatens depending on the extent of infestation and the degree of protection desired. Consult your state agricultural experiment station for proper timing of treatments.

COTTON: Aphids, Red Spider Mites. Use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. Do not apply within 7 days of hand-picking.

CUCURBITS (Cucumber, Squash and Melons): Aphids, Cucumber Beetle, Melonworm Pickworm, Serpentine Leaf Miner. Use $\frac{1}{2}$ to 1 pt. per acre. Do not apply unless plants are dry nor until runners begin to form. Do not apply on cucumber and squash within 15 days of harvest; 7 days on melons.

LETTUCE: Aphids, Leafhoppers. Use 1 pt. per acre. Do not apply within 7 days of harvest on head lettuce; 21 days on leaf and bib lettuce.

PEAS: Aphids, Pea Weevil. Use 1 pt. per acre. Do not apply within 10 days of harvest.

PEPPER: Aphids, Flea Beetles, Leafhopper, Serpentine Leaf Miner, Pepper Maggot. Use $\frac{1}{2}$ pt. per acre. Do not apply within 15 days of harvest.

POTATO, TOMATO: Aphids, Flea Beetles, Leafhopper, Serpentine Leaf Miner. Use $\frac{1}{2}$ pt. per acre. Do not apply within 5 days of harvest on potatoes and 10 days of harvest on tomatoes.

SMALL GRAINS (Barley, Oats, Wheat): Aphids, Armyworm, Greenbug. Use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. Do not apply within 15 days of harvest.

SUGAR BEETS: Aphids, Blister Beetles, Flea Beetles, Leafhoppers, Leaf Miners, Webworms. Use 1 pt. per acre. Do not apply within 15 days of harvest.

USE PRECAUTIONS

In order that pesticide residues on food and forage crops do not exceed tolerances established by the Federal Food and Drug Administration, use only at recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals or onto adjoining food, fiber or pasture crops. The grower is responsible for residues on his crops as well as for damages caused by drift from his property to that of others.

Workers entering fields within 24 hours of application should wear protective clothing. Do not hand pick or harvest within 7 days of application.

This product is poisonous to fish and wildlife. Keep out of lakes, streams and ponds. 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.

Rinse equipment and containers and dispose of wastes by burying in non-crop lands away from water supplies. Containers should be disposed of by punching holes in them and burying with wastes.

DO NOT USE POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. Protect from temperature below 0°F.

NOTICE: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use but seller makes NO WARRANTY OF MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE or any other warranty, express or implied except as herein stated. Seller's liability is limited to the purchase price of the product and this shall be the buyers only remedy. Buyer assumes the risk of use of this product contrary to label instructions carelessly or under conditions not intended by or not reasonably foreseeable to seller.

DANGER

BEST DOCUMENT AVAILABLE
POISON

Distributed By SMITH-DOUGLASS
DIVISION OF BORDON CHEMICAL, BORDEN INC.
Norfolk, Virginia 23501

BEST DOCUMENT AVAILABLE

ACCEPTED
SEP 27 1978
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended for the pesticide
registered under 4185-320
EPA Reg. No.



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.

Distributed By **SMIT OUGLASS**
Division of Borden Chemical, Borden Inc.
Norfolk, Va.

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POISON

See side panels
for antidote
and precautions

DANGER

Keep out
of children's
reach

PARATHION 4 LI
EMULSION CONCENTRATE

ACTIVE INGREDIENTS:

Parathion (O, O-diethyl O-p-nitrophenyl thiophosphate) 46

Xylene Range Aromatic Solvent 45

INERT INGREDIENTS: 8

TOTAL 100

NOT FOR HOME USE

IDES

or persons under their
Certified Applicator's

DANGER
Keep out of reach
of children

4 Lb.

FE

ate) 46.5%
45.0%
8.5%
100.0%

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

(1) Wear ~~proper~~ proof pants, goggles, 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.

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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 soap 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 TRANQUILIZER. 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 label for proper disposal.

CROP USE DIRECTIONS

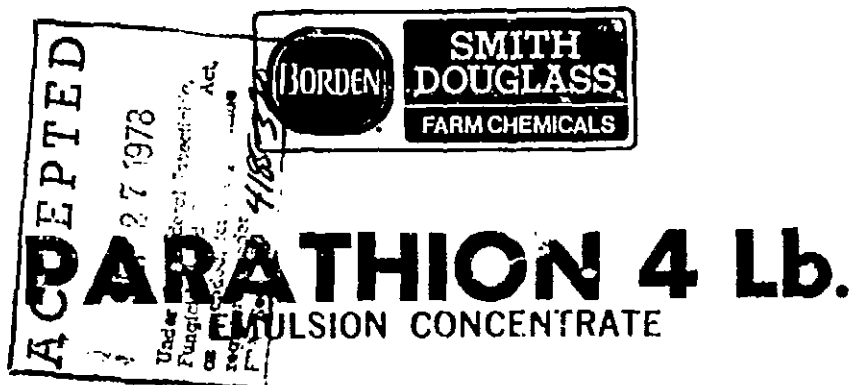
Use only according to attached label instructions on other side of container.

EPA Reg. No. 4185-320
EPA Estab. No. 4185-NC-1

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Distributed By SMITH-DOUGLASS
DIVISION OF BORDEN CHEMICAL BORDEN INC.
North, Virginia 23501



DANGER: KEEP OUT OF REACH OF CHILDREN

See additional warnings and antidote statements on label attached to container.