



## RESTRICTED USE PESTICIDE

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.

# Hopkins

## 2% PARATHION DUST

### ACTIVE INGREDIENT:

Parathion (O, O-Diethyl O-p-nitrophenyl phosphorothioate)..... 2.0%

INERT INGREDIENTS:..... 98.0%

TOTAL..... 100.0%

EPA Reg. No. 2393-214 AA

EPA Est. No. 2393-WI-1

### STOP — READ THE LABEL

## POISON

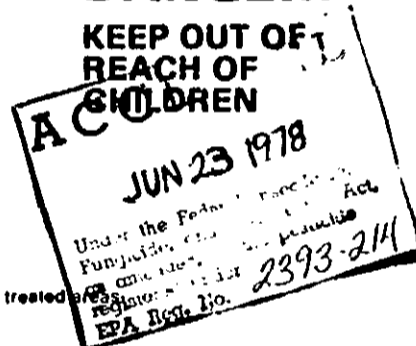
See Back Panel  
For Antidote &  
Precautions



### CAN CAUSE DEATH

## DANGER!

KEEP OUT OF  
REACH OF  
CHILDREN



### NOT FOR HOME USE

Destroy empty containers — bury or burn. Stay out of smoke and fumes.

See back panel for poison precautions, symptoms, first aid treatment, information for physician and posting treated areas.

This product is highly toxic to bees exposed to direct treatment or residues on crops.

### DIRECTIONS FOR USE

#### VEGETABLES

**BEANS** — For control of Mexican bean beetle, leafhopper, aphid, red spider, leaf roller, armyworm and leaf miner, apply 20 lbs. per acre; repeat application at 7 to 10 day intervals until controlled. Do not apply within 7 days of harvest.

**CABBAGE** — For control of larva of diamondback moth, imported cabbageworm, armyworm, aphid and thrips, apply 20 lbs. per acre. Do not apply within 10 days of harvest.

**CARROTS** — For control of Aphid and six spotted leafhopper, apply 25 lbs. per acre at 3 day intervals. Do not apply within 15 days of harvest and do not use treated tops for food or feed.

**CORN** — For control of European corn borer, grasshopper, armyworm and leaf aphid, apply 25 lbs. per acre. For control of corn earworm, apply liberally to silks as soon as they appear and repeat at 3 day intervals as long as silks are present. Reapply immediately after rain. Do not apply within 12 days of harvest or cutting for forage.

**CRANBERRIES** — For control of black-headed fireworm, cranberry fruitworm, blunt-nosed leafhopper, and tip worm, apply 50 lbs. per acre. Repeat application as necessary at 7 to 10 day intervals. Do not apply within 30 days of harvest (15 days if 40 lbs. per acre applied).

**ONION** — For control of thrips, apply 20 lbs. per acre. Repeat as necessary. Do not apply within 15 days of harvest.

**PEAS** — For control of aphids, apply 20 lbs. per acre. Do not apply within 10 days of harvest (15 days if vines are to be fed).

**POTATO AND TOMATO** — For control of Colorado potato beetle, flea beetle, leafhopper, serpentine leaf miner, grasshopper, aphid and whitefly, apply 20 lbs. per acre. Do not apply to potatoes within 5 days of harvest or within 10 days on tomatoes.

**LEGUMES** — Vetch, alfalfa, clover, and small grains — wheat, oats and barley. For control of aphid, armyworm, blister beetle, and grasshopper, apply 25 lbs. per acre. Make no applications within 15 days of cutting or forage use.

**NOTE:** For further specific information, consult your State Agricultural Experiment Station.

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

### NET WEIGHT



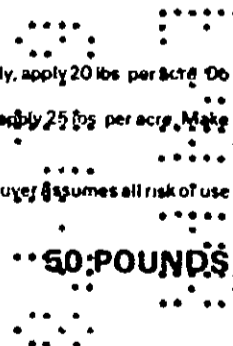
BOX 7532

MANUFACTURED BY

## Hopkins

agricultural chemical co

MADISON WISCONSIN 53707



CODE 1 2 3 4 5 6 7 8 9 (5 78)

### BEST DOCUMENT AVAILABLE

## RESTRICTED USE PESTICIDE

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.

# 2% PARATHION DUST

DANGER - POISON - PRECAUTIONS



### POISONOUS IF SWALLOWED

Even in small amounts!

DON'T SWALLOW



### POISONOUS BY SKIN CONTACT

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

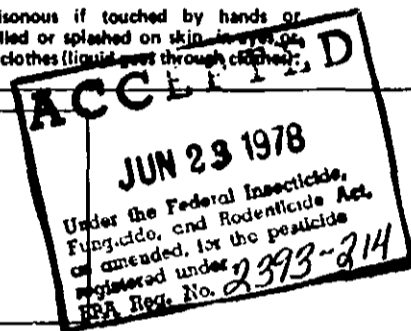
DON'T TOUCH



### POISONOUS IF BREATHED

Poisonous if vapor or mists from sprays are breathed. Vapors are not visible. Never work with parathion or in parathion treated areas without protective clothing and equipment.

DON'T BREATHE



**POISONOUS TO FISH & WILDLIFE:** Toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Keep out of any body of water. Do not apply when weather conditions favor drift from treated areas. Do not apply where run-off is likely to occur.

### WORK SAFETY RULES

**USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT:** (1) Wear waterproof 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.

Keep unprotected persons and children away from treated area or where here is a danger of drift.

Do not rub eyes or mouth with hands. Do not smoke. Before removing gloves, wash them with soap and water. If you feel sick in any way STOP work and get help right away. Tell foreman or have someone call him. Call a physician, clinic or hospital immediately.

**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 work clothing.

All protective clothing and equipment should be washed with soap and water after each use. Respirators 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, eyes and by contact with skin through wet clothes. Worker who shows any of the following poisoning signs must receive immediate medical treatment or he may die.

**Signs and Symptoms of Poisoning Are:** Headache, nausea, vomiting, cramps, blurred vision, pin-point pupils, tightness of chest, labored breathing, weakness, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

**POSTING TREATED AREA:** Consult state regulatory agencies for posting regulations and requirements.

### FIRST AID TREATMENT

*Speed is essential to stop absorption of poison. If possible, one person should make telephone calls while another begins treatment.*

Call a physician, clinic or hospital immediately in all cases of suspected poisoning. Explain victim exposed to parathion; describe his condition. Until medical help is available take following steps:

**IF BREATHING HAS STOPPED,** start artificial respiration immediately and continue until physician sees victim.

**IF SWALLOWED** and victim is awake (conscious) make him vomit quickly. First, give soapy water or strong salty water to drink then stroke back of throat with finger to make victim vomit. Repeat by giving more water and make vomit again until vomit fluid is clear. **Never give anything by mouth to an unconscious person.** Have victim lie down and keep quiet.

**IN CASE OF SKIN CONTACT,** immediately remove wet clothing and shoes and flush skin with water for at least 15 minutes.

**EYE CONTACT:** If splashed in eyes, immediately flush eyes with water for at least 15 minutes.

*After first aid is given and physician cannot come, take victim to clinic or Hospital, Bring "Label Folder". Give to physician.*

### NOTE TO PHYSICIAN

**ANTIDOTE** - Administer **atropine sulfate** in large doses, 2.0 to 4.0 mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. **ZPAM 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 system, producing cardiac and respiratory depression.

At first signs 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 is indicated for at least 48 to 72 hours.

BEST DOCUMENT AVAILABLE

CODE 1 2 3 4 5 6 7 8 9 (5-79)

Hopkins Agricultural Chemical Co.  
MADISON, WISCONSIN 53707