



Shell

**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.

ACCEPTED
MAY 26 1982
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 201-289

Phosdrin[®] 4 EC
EMULSIBLE CONCENTRATE

(Contains 4 lbs. PHOSDRIN Insecticide per gallon)

ACTIVE INGREDIENTS	BY WEIGHT
Alkyl isomer of 2 carbomethoxy-1-methyl vinyl dimethyl phosphate	28.3%
Related Compounds	18.8%
Petroleum Hydrocarbons (xylene)	47.9%
INERT INGREDIENTS	50%
	TOTAL 100.0%

*Equivalent to 47 lbs. PHOSDRIN Insecticide

EPA Reg. No. 201-289
EPA Est. 201-A-1

U.S. Patent No. 2,625,552

**NET CONTENTS:
2 1/2 GALLONS**



**KEEP OUT OF REACH
OF CHILDREN
DANGER! POISON**

STATEMENT OF PRACTICAL TREATMENT

ATROPINE IS AN ANTIDOTE. CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED POISONING.
IF SWALLOWED: drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. NEVER induce vomiting or give anything by mouth to an unconscious or non-alert person.
IF INHALED: remove from exposure. Have patient lie down and keep quiet. If patient is not breathing, start artificial respiration immediately. Get medical attention.
IN CASE OF CONTACT: wash skin with plenty of soap and water. For eyes, flush with water and get medical attention. For clothing, wash with soap and water before reuse.
IF WARNING SYMPTOMS APPEAR (SEE WARNING SYMPTOMS LABEL): NOTE TO PHYSICIAN: Keep patient quiet and do not give anything by mouth until medical help is available. If not breathing, transport the patient immediately.

SEE ANTIDOTE AND OTHER PRECAUTIONS ON SIDE PANEL

SHELL CHEMICAL COMPANY, A Division of Shell Oil Company, AGRICULTURAL CHEMICALS, HOUSTON, TX. 77001

EGGPLING PEPPERS: For control of aphids use $\frac{1}{4}$ to $\frac{1}{2}$ pt. per acre. For control of grasshoppers, leafhoppers and mites use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 2 days of harvest.

LETTUCE: For control of aphids use $\frac{1}{4}$ to $\frac{1}{2}$ pt. per acre. For control of corn earworm, cutworms (climbing), dipterous leafminer (adult), cabbage looper, imported cabbage worm, grasshoppers, mites, lygus bugs, salt-marsh caterpillar, false chinch bug and thrips use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 2 days of harvest. For hard to kill insects, including aphids, use 1 qt. per acre, but do not treat within 4 days of harvest.

MELONS (INCLUDING CANTALOUPE, HONEY-DEW MELONS, MUSKMELONS, WATERMELONS): For control of aphids use $\frac{1}{4}$ to $\frac{1}{2}$ pt. per acre. For control of cabbage looper, dipterous leafminer (adult), leafhoppers, lygus bugs, mites, false chinch bugs, salt-marsh caterpillars, cutworms (climbing) and grasshoppers use $\frac{1}{2}$ to 1 pt. per acre. To control rootworms (cabbage looper, cutworms, salt-marsh caterpillars, tobacco budworms); on watermelons apply $\frac{1}{2}$ pt. per acre. Do not treat cantaloupes, honey-dew melons, muskmelons or watermelons within 1 day of harvest.

OKRA: For control of aphids use $\frac{1}{4}$ to $\frac{1}{2}$ pt. per acre. For control of cutworms (climbing), corn earworms, green stink bug, mites and velvet bean caterpillar use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 1 day of harvest.

ONIONS (INCLUDING GREEN ONIONS): For control of thrips and cutworms (climbing) use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 1 day of harvest.

PARSLEY: For control of aphids apply 1 to 2 pints (0.5 lb. to 1.0 lb. a.i./acre) as a foliage application using a minimum of 40 gallons of water per acre by ground application or 10-15 gallons of water per acre by air application. For light infestations use lower dosage of 1 pint (0.5 lb. a.i./acre). Do not treat later than 5 days before harvest. For hard to kill insects and increased populations use 2 pints (1.0 lb. a.i./acre). Do not treat later than 8 days before harvest for higher dosage. Begin application when insects first appear and repeat as often as necessary to maintain control. Do not treat more than 3 times between harvests.

PEAS (INCLUDING VINES): For control of aphids use $\frac{1}{4}$ to $\frac{1}{2}$ pt. per acre. For control of grasshoppers, leafhoppers, mites and cutworms (climbing) use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 1 day of harvest.

POTATOES: For control of aphids use $\frac{1}{4}$ to $\frac{1}{2}$ pt. per acre. For control of grasshoppers, leafhoppers and mites use $\frac{1}{2}$ pt. per acre. Do not treat within 1 day of harvest.

SPINACH: For control of aphids use $\frac{1}{4}$ to $\frac{1}{2}$ pt. per acre. For control of cabbage looper, imported cabbage worm, grasshoppers, leafhoppers, mites, dipterous leafminer (adult), cutworms (climbing), salt-marsh caterpillar and false chinch bug use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 4 days of harvest. For hard to kill insects, including aphids, use 1 qt. per acre, but do not treat within 4 days of harvest.

SUMMER SQUASH: For control of aphids use $\frac{1}{4}$ to $\frac{1}{2}$ pt. per acre. For control of cabbage looper, dipterous leafminer (adult), leafhoppers, lygus bugs, mites, false chinch bug, salt-marsh caterpillar, cutworms (climbing) and grasshoppers use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within

1 day of harvest.

TOMATOES (OUTDOOR): For control of aphids use $\frac{1}{4}$ to $\frac{1}{2}$ pt. per acre. For control of grasshoppers, leafhopper and mites use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 1 day of harvest.

TURNIPS: For control of aphids use $\frac{1}{4}$ to $\frac{1}{2}$ pt. per acre. For control of cabbage looper, imported cabbage worm, grasshoppers, leafhoppers, mites, false chinch bug and dipterous leafminer (adult) use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 3 days of harvest.

GREENHOUSE

Diluted PHOSDRIN Insecticide Emulsible Concentrate should be applied in a closed greenhouse (close all doors, windows, and ventilators). Lock or barricade all entrances, post warning signs, and take whatever precautions are necessary to prevent unprotected humans and domestic animals from entering the treated area. The operator must wear a full-face mask of a type found adequate for mevinphos (PHOSDRIN Insecticide) protection. Apply any time the greenhouse ventilators can remain closed for two hours without endangering crops from high temperatures, such as early morning, cloudy days or late afternoons. If application is made during the day, keep the greenhouse closed tightly for at least two hours, then ventilate the enclosure thoroughly for an hour before resuming regular work. If application is made in the late afternoon, the house can be kept closed all night. On the following morning, ventilate for one hour to render the air safe for regular work.

LETTUCE (INCLUDING LEAF, BIBB AND ROMAINE): For control of aphids, corn earworms, cutworms (climbing), dipterous leafminer (adult), cabbage looper, imported cabbage worm, grasshoppers, mites, lygus bugs, salt-marsh caterpillars, false chinch bugs and thrips use $\frac{1}{4}$ to $\frac{1}{2}$ pts. per 50,000 cu. ft. Do not treat within 10 days of harvest.

NOTICE OF WARRANTY

SHELL CHEMICAL COMPANY MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESS OR IMPLIED, concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.

ACD 360C 2-82



Phosdrin 4 EC

tion Service keep out of lakes, ponds or streams. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. In case of a significant spill, call (713) 473-9461 or CHEMTREC (800) 424-9300.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse container.

PESTICIDE DISPOSAL: Pesticide spray mixture or residue that cannot be used according to label instructions must be disposed of according to Federal or approved State procedures under Subtitle C of the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL: Triple rinse for equivalent. Dispose of in a sanitary landfill or by other approved State and local procedures.

Read the Directions Carefully
and Follow Them at all Times

USE AND APPLICATION DIRECTIONS

Shell PHOSDRIN Insecticide Emulsible Concentrate can be used in conventional hydraulic sprayers, low-volume ground applicators, or airplane sprayers. Use this product only for recommended purposes and at recommended dosages. For best results consult the State Agricultural Extension Service for exact dosage and timing recommendations.

Mix with water by vigorous agitation; agitate the mixture while spraying. If allowed to stand, re-agitate before use. Apply when insects first appear and repeat application as often as necessary to maintain control. Apply in a suitable volume of water to give uniform coverage of foliage. For application by airplane, dilute this product with 3 to 10 gallons of water per acre.

FRUIT AND NUT CROPS: Use recommended dosages in sufficient water to obtain thorough spray coverage, but do not exceed indicated maximum gallonage for that crop. If concentrate ground application is employed, do not apply less than 10 gallons of spray per acre, and adjust dosage of PHOSDRIN Insecticide Emulsible Concentrate to obtain same dosage per acre as recommended for full coverage application.

FIELD AND VEGETABLE CROPS: Use 10-125 gallons of spray per acre when using ground application equipment. Avoid drift of this product to crops for which it is not registered or to crops for which its use may be registered but application would be closer to harvest than recommended.

NOTE: Consult your State Department of Agriculture or local Agricultural Extension Service for information on the time interval between application and sale re entry to the treated field.

FRUIT AND NUT CROPS

APPLES, PEACHES, PEARS, PLUMS: For control of aphids and mites use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per 100 gals. water. Do not exceed 1,200 gallons of finished spray per acre on apples and pears when $\frac{1}{2}$ pt. is used. For control of grasshoppers, lygus bugs and red-banded leafroller, use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per 100 gals. water. Do not exceed 900 gals. of finished spray per acre on apples and pears when $\frac{3}{4}$ pt. is used. Do not treat within 1 day of harvest. Do not exceed 750 gals. finished spray per acre on peaches or plums.

CHERRIES (SOUR ONLY): For control of aphids and mites use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per 100 gals. water. Do not treat within 2 days of harvest. Do not exceed 750 gals. finished spray per acre.

CITRUS (ORANGES, LEMONS, GRAPEFRUIT): For control of aphids use 1 to 2 pt. per acre in 200 or more gals. water. For control of fruit tree leafroller, orange tortrix and omnivorous leafroller use 1 qt. per acre in 500 gals. water. For control of Western tussock moth larvae, citrus cutworm, variegated cutworm and pink scavenger caterpillar use 2 qt. per acre in 1200 gals. water. Allow at least 7 days between applications. Do not treat within 1 day of harvest.

GRAPES: For control of aphids use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 2 days of harvest. For control of leaf folder, leafhoppers, mites, red-banded leafroller and lygus bugs use 1 to 2 pts. per acre. At the 2 pt. dosage do not treat within 5 days of harvest.

RASPBERRIES: For control of aphids use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per 100 gals. water. For control of mites, leafhoppers, fruit tree leafroller and orange tortrix use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per 100 gals. water. Apply both dosages in up to 200 gals. water per acre. Do not treat within 3 days of harvest.

STRAWBERRIES: For control of aphids and mites use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per 100 gals. water. For control of grasshoppers, strawberry leafroller, salt-marsh caterpillar and lygus bugs use $\frac{1}{2}$ pt. to 1 pt. per 100 gals. water. Do not treat within 1 day of harvest. For all hard to kill insects, including aphids and mites, use 1 qt. per 100 gals. water, but do not treat within 2 days of harvest. Do not exceed 100 gals. finished spray per acre.

WALNUTS: For control of aphids use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per 100 gals. water. For control of mites, omnivorous looper, orange tortrix, fruit tree leafroller, and Western tussock moth use $\frac{1}{2}$ pt. per 100 gals. water. Do not treat within 1 day of harvest. Do not exceed 1000 gals. finished spray per acre.

FIELD CROPS

ALFALFA, CLOVER: For control of aphids and alfalfa caterpillar use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. For control of grasshoppers, leafhoppers, cutworms (climbing), mites, alfalfa weevil larvae, lygus bugs use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 1 day of harvest.

CORN (FIELD, SWEET, AND POPCORN) FOR FORAGE ONLY: For control of aphids use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 1 day of harvest.

MUSTARD GREENS, TURNIP TOPS: For control of aphids use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. For control of cabbage looper, imported cabbage worm, false chinch bug, dipterous leafminer (adult), grasshoppers, leafhoppers and mites use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 3 days of harvest.

VEG.

PEA VINES (FOR FORAGE ONLY): For control of aphids use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. For control of grasshoppers, leafhoppers, mites and cutworms (climbing) use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 1 day of harvest.

SORGHUM (FOR FORAGE AND GRAIN): For control of aphids use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. For control of corn earworm and webworm use $\frac{1}{2}$ to 1 pt. per acre. For control of fall armyworms use 1 pt. per acre. Do not treat within 3 days of harvest.

VEGETABLE CROPS

ARTICHOKES: For control of aphids use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. For control of plume moth use 1 to 2 pts. per acre. Do not treat within 2 days of harvest.

BEANS: For control of aphids use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. For control of grasshoppers, leafhoppers, mites and Mexican bean beetle use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 1 day of harvest.

BEEETS (INCLUDING TOPS): For control of aphids use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. For control of cabbage looper, cutworm (climbing), dipterous leafminer (adult), false chinch bug, grasshoppers, imported cabbage worm, leafhopper, mites and salt marsh caterpillar use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 3 days of harvest.

BROCCOLI, CABBAGE: For control of aphids use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. For control of cabbage looper, imported cabbage worm, grasshoppers, leafhoppers, salt-marsh caterpillar, mites, cutworms (climbing), dipterous leafminer (adult) and lygus bugs use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 1 day of harvest. For hard to kill insects, including aphids, use 1 qt. per acre, but do not treat within 3 days of harvest.

BRUSSELS SPROUTS, CAULIFLOWER, COLLARDS, KALE: For control of aphids use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. For control of cabbage looper, imported cabbage worm, grasshoppers, leafhoppers, salt-marsh caterpillar, mites, cutworms (climbing), dipterous leafminer (adult) and lygus bugs use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 3 days of harvest. For hard to kill insects, including aphids, use 1 qt. per acre, but do not treat collards and kale within 7 days of harvest.

CARROTS: For control of aphids use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. For control of leafhoppers, lygus bugs, mites, cabbage looper, dipterous leafminer (adult), cutworm (climbing) and salt-marsh caterpillar use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 2 days of harvest.

CELERY: For control of aphids use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. For control of dipterous leafminer (adult), lygus bug, salt-marsh caterpillar, leafhopper, cabbage looper and mites use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 3 days of harvest. For hard to kill insects, including aphids, use 1 qt. per acre, but do not treat within 5 days of harvest.

CORN (FIELD, SWEET AND POPCORN) FOR GRAIN ONLY: For control of aphids use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 1 day of harvest.

CUCUMBERS (OUTDOOR): For control of aphids use $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre. For control of grasshoppers, leafhoppers and mites use $\frac{1}{2}$ to 1 pt. per acre. Do not treat within 1 day of harvest.

