

**PRECAUTIONARY & ANTIDOTE STATEMENT**

**DANGER**

Poisonous if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin! Repeated inhalation or skin contact may progressively increase susceptibility to phosdrin poisoning without symptoms. If you suspect exposure, see a doctor. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Wear a mask or respirator of a type passed by the U.S. Bureau of Mines for phosdrin protection. Wear natural rubber gloves, goggles, and clean protective clothing daily. Destroy gloves and replace frequently. Do not contaminate feed or foodstuffs. Not for use or storage in or around the home.

**FIRST AID**

**EXTERNAL:** For skin contact, immediately remove contaminated clothing and wash thoroughly with soap and water. For eyes, flush immediately with water for at least 10 minutes.

**INTERNAL:** CALL A PHYSICIAN. Induce vomiting by giving warm salt or soap water until vomit fluid is clear. Have victim lie down and keep quiet.

**NOTE TO PHYSICIANS:** Atropine and/or 2-PAM are antidotal. Phosdrin is a cholinesterase inhibitor. Warning symptoms include weakness, headache, pin-point pupils, salivation, nausea, vomiting, diarrhea and abdominal cramps.

**DANGER**

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. 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."

**DIRECTION FOR GREENHOUSE APPLICATIONS:** This product should be applied in a closed greenhouse. Lock or barricade all entrances, post warning signs, and take whatever precautions are necessary to prevent unprotected human and domestic animals from entering the treated area. The operator must wear a full-face mask of a type found adequate for protection from this product. Apply any time the greenhouse ventilators can remain closed for two hours at a time without endangering crops from high temperatures. 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 greenhouse may be kept closed all night. On the following morning, ventilate for one hour before resuming regular work.

E.P.A. REG. NO. 1526-390  
E.P.A. EST. NO. 1526-AZ-1

STOP - READ LABEL BEFORE USING

**Agro-Chem Brand**

CHEMICAL DISTRIBUTORS

OBA



P.O. BOX 21537 PHOENIX, ARIZ. 85036 PHONE 602 244-1311

**PHOSDRIN\* 4E**

**ACTIVE INGREDIENT(S):**

2-Carbomethoxy-1-methylvinyl dimethyl phosphate, alpha isomer**	28.30%
Related Compounds**	18.80%
Aromatic Petroleum Solvent	47.90%
<b>INERT INGREDIENT(S):</b>	<b>5.00%</b>
	<b>100.00%</b>

\*Trademark  
\*\*Equivalent to 47.1% Phosdrin Insecticide

CONTAINS 4 POUNDS OF PHOSDRIN PER GALLON

**GENERAL DIRECTIONS**

PHOSDRIN\* 4E EMULSIFIABLE is an emulsifiable insecticide containing 4 lbs. PHOSDRIN\* PER GALLON. This material can be used in conventional hydraulic sprayers, low-pressure ground applicators or airplane sprayers.

**DANGER**

Keep out of reach of children and domestic animals. Use only for recommended purposes at recommended dosages.  
**WARNING! FLAMMABLE! KEEP AWAY FROM HEAT OR OPEN FLAME!** Read entire label before use and comply with precautions and directions. TREATED FIELDS MUST BE POSTED.  
Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place. Keep all unprotected persons out of the drift. Prevent drifting to crops intended as feed for dairy or slaughter animals.

**POISON**

Read This Label for Antidote & Precautions



**DANGER**

Keep Out of Reach of Children

1526-390  
**ACCEPTED**  
 MAR 4 1975  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide EPA Reg. No. 1526-390 registered under

**DIRECTIONS FOR USE**

Do not use this product for any uses other than those specified on this label. Per acre water usage in applying this product should comply with the following unless noted in the directions for use: For ground application — dilute in a minimum of 10 gallons of water. For aerial application — dilute in a minimum of 3-10 gallons water.  
NOTE: Important — avoid drift of this product to crops for which it is not registered for which its use may be registered but application would be closer to harvest than the product is to be applied as a foliar application unless otherwise specified in the label.

CROP	CROP PEST	DOSAGE RATE/ACRE	LIFE
Alfalfa, Clover	Aphids	1/4-1/2 pint	Do not apply within 14 days of harvest.
	Grasshoppers, Leafhoppers, Climbing Cutworms, Spider Mites, Alfalfa Weevil Larvae, Lygus Bugs	1/2-1 pint	Same
Apples, Peaches, Pears, Plums	Aphids, Mites	1/4-1/2 pint/100 gal. water	Do not apply within 14 days of harvest. Do not apply if finished spray when 1/2 pint do not exceed 100 spray on applied pint dosage rate. The farm of mit workers to orchards to require subst foliage within 4
	Grasshoppers, Lygus Bugs, Red-Banded Leafrollers	1/2-3/4 pint/100 gal. water	
Artichokes	Aphids	1/4-1/2 pint	Do not apply within 14 days of harvest.
	Plume Moth	1-2 pints	Same
Beans (Green, Snap, Limas)	Aphids	1/4-1/2 pint	Do not apply within 14 days of harvest.
	Grasshoppers, Leafhoppers, Spider Mites, Mexican Bean Beetles	1/2-1 pint	Same
Beets (including tops)	Aphids	1/4-1/2 pint	Do not apply within 14 days of harvest.
	Cabbage Loopers, Climbing Cutworms, Adult Dipterous Leafminers, False Chinch Bugs, Grasshoppers, Imported Cabbageworms, Leafhoppers, Mites, Salt-Marsh Caterpillars	1/2-1 pint	Same
Broccoli, Cabbage, Cauliflower, Brussels Sprouts, Collards, Kale	Aphids	1/4-1/2 pint. For hard to kill insects, apply 1 quart.	Broccoli, Cabbage in 1 day before within 3 days the 1 quart dosage flower. Brussels apply within 3 Collards, Kale: 1 days before harvest within 7 days before 1 quart dosage
	Cabbage Loopers, Imported Cabbage worms, Grasshoppers, Leafhoppers, Salt-Marsh Caterpillars, Mites, Climbing Cutworms, Adult Dipterous Leafminers, Lygus Bugs	1/2-1 pint. For hard to kill insects, apply 1 quart.	
Cantaloupes, Honey Dew Melons, Muskmelons, Watermelons	Aphids	1/4-1/2 pint	Do not apply within 14 days of harvest.
	Cabbage Loopers, Adult Dipterous Leafminers, Leafhoppers, Lygus Bugs, Spider Mites, False Chinch Bugs, Salt-Marsh Caterpillars, Climbing Cutworms, Grasshoppers	1/2-1 pint	Same
Carrots	Rindworms (Cabbage Loopers, Cutworms, Salt-Marsh Caterpillars, Tobacco Budworms) on Watermelons	1/2 pint	Same
	Aphids	1/4-1/2 pint	Do not apply within 14 days of harvest.
	Leafhoppers, Lygus Bugs, Spider Mites, Cabbage Loopers, Adult Dipterous Leafminers, Climbing Cutworms, Salt-Marsh Caterpillars	1/2-1 pint	Same

NET CONTENTS

To Be STAMPED



**DANGER POISON: Keep Out of Reach**  
See other precautions on the label

**DIRECTIONS FOR USE**

Do not use for any uses other than those specified on this label.  
 In applying this product should comply with the following unless otherwise designated for use: For ground application — dilute in a minimum of 10-30 gallons water; — dilute in a minimum of 3-10 gallons water.  
 Avoid drift of this product to crops for which it is not registered or to any crop to be registered but application would be closer to harvest than recommended. This product should be applied as a foliar application unless otherwise specified in the directions for use.

CROP PEST	DOSAGE RATE/ACRE	LIMITATIONS
	1/4-1/2 pint	Do not apply within 1 day before harvest.
	1/2-1 pint	Same
Aphids, Climbing Cutworms, Spider Mites, Weevil Larvae, Beetles	1/4-1/2 pint/100 gal. water	Do not apply within 1 day before harvest. Do not exceed 1200 gal./acre finished spray on apples and pears when 1/2 pint dosage rate is used. Do not exceed 900 gal./acre finished spray on apples and pears when 1/4 pint dosage rate is used. In California: The farm operator shall not permit workers to enter treated peach orchards to engage in any activity requiring substantial contact with foliage within 4 days after application.
Aphids, Lygus Bugs, Red Leafhoppers	1/2-3/4 pint/100 gal. water	
	1/4-1/2 pint	Do not apply within 2 days before harvest.
Moth	1-2 pints	Same
	1/4-1/2 pint	Do not apply within 1 day before harvest.
Aphids, Spider Mites, Bean Beetles	1/2-1 pint	Same
	1/4-1/2 pint	Do not apply within 3 days before harvest.
Grasshoppers, Spider Mites, False Chinch Bugs, Cabbageworms, Mites, Caterpillars	1/2-1 pint	Same
	1/4-1/2 pint. For hard to kill insects, apply 1 quart.	Broccoli, Cabbage: Do not apply within 1 day before harvest. Do not apply within 3 days before harvest when the 1 quart dosage rate is used. Cauliflower, Brussels Sprouts: Do not apply within 3 days before harvest. Collards, Kale: Do not apply within 3 days before harvest. Do not apply within 7 days before harvest when the 1 quart dosage rate is used.
Grasshoppers, Cabbageworms, Mites, Caterpillars	1/2-1 pint. For hard to kill insects, apply 1 quart.	
Grasshoppers, Adult Leafminers, Mites, False Chinch Bugs, Salt-Marsh Caterpillars, Climbing Cutworms, Grasshoppers	1/4-1/2 pint	Do not apply within 1 day before harvest.
Grasshoppers, Adult Leafminers, Mites, False Chinch Bugs, Salt-Marsh Caterpillars, Climbing Cutworms, Grasshoppers	1/2-1 pint	Same
Grasshoppers, Cutworms, Salt-Caterpillars, Budworms on melons	1/2 pint	Same
	1/4-1/2 pint	Do not apply within 2 days before harvest.
Aphids, Lygus Bugs, Mites, Grasshoppers, Adult Leafminers, Climbing Cutworms, Salt-Caterpillars	1/2-1 pint	Same

**DIRECTIONS FOR USE**

**DO NOT APPLY BY HAND OPERATED EQUIPMENT**

CROP	CROP PEST	DOSAGE RATE/ACRE	LIMITATIONS
Celery	Aphids	1/4-1/2 pint. For hard to kill insects, apply 1 quart.	Do not apply within 3 days before harvest. Do not apply within 5 days before harvest when the 1 quart dosage rate is used.
	Adult Dipterous Leafminers, Lygus Bugs, Salt-Marsh Caterpillars, Leafhoppers, Cabbage Loopers, Spider Mites	1/2-1 pint. For hard to kill insects apply 1 quart.	
Cherries (Sour Only)	Aphids, Mites	1/2-3/4 pint/100 gal. water.	Do not apply within 2 days before harvest. Do not exceed 750 gal. finished spray per acre.
Corn (Field, Sweet, Popcorn) For Grain Only	Aphids	1 pint	Do not apply within 1 day before harvest.
Cucumbers (Outdoor Only)	Aphids	1/4-1/2 pint	Do not apply within 1 day before harvest.
	Grasshoppers, Leafhoppers, Spider Mites	1/2-1 pint	
Eggplant, Peppers	Aphids	1/4-1/2 pint	Do not apply within 2 days before harvest.
	Grasshoppers, Leafhoppers, Spider Mites	1/2-1 pint	
Grapefruit, Lemons, Oranges	Aphids	1-2 pints in 200 or more gal. water	Do not apply within 1 day before harvest. Allow at least 7 days between applications. In California: The farm operator shall not permit workers to enter the treated area to engage in any activity requiring substantial contact with foliage within 4 days after application.
	Fruitree Leafrollers, Orange Tortrix, Omnivorous Leafrollers	1 quart in 500 gal. water	
	Western Tussock Moth Larvae, Citrus Cutworms, Variegated Cutworms, Pink Scavenger Caterpillars	2 quarts in 1200 gal. water	
Grapes	Aphids	1/2-1 pint	Do not apply within 2 days before harvest. Do not apply within 5 days before harvest when the 2 pint dosage rate is used. In California: The farm operator shall not permit workers to enter the treated area to engage in any activity requiring substantial contact with foliage within 4 days after application.
	Leaf Folders, Mites, Red-Banded Leafrollers, Lygus Bugs	1-2 pints	
Lettuce	Aphids	1/4-1/2 pint. For hard to kill insects, apply 1 quart.	Do not apply within 2 days before harvest. Do not apply within 4 days before harvest when the 1 quart dosage rate is used.
	Corn Earworms, Climbing Cutworms, Adult Dipterous Leafminers, Cabbage Loopers, Imported Cabbageworms, Grasshoppers, Mites, Lygus Bugs, Salt-Marsh Caterpillars, False Chinch Bugs, Thrips	1/2-1 pint. For hard to kill insects, apply 1 quart.	
Mustard Greens, Turnip Tops, Turnips	Aphids	1/4-1/2 pint	Do not apply within 3 days before harvest.
	Cabbage Loopers, Imported Cabbage Worms, False Chinch Bugs, Adult Dipterous Leafminers, Grasshoppers, Leafhoppers, Spider Mites	1/2-1 pint	
Okra	Aphids	1/4-1/2 pint	Do not apply within 1 day before harvest.
	Climbing Cutworms, Corn Earworms, Green Stink Bugs, Mites, Velvetbean Caterpillars, Spider Mites	1/2-1 pint	

CROP	CROP PEST	DOSAGE RATE/ACRE	LIMITATIONS
Onions	Thrips, Climbing Cutworms	1/2-1 pint	Do not apply within 1 day before harvest.
Parsley	Aphids	1-2 pints applied in a minimum of 40 gal. water by ground application or 10 gal. per acre by aerial application. Use lower dosage rate for light infestation.	Do not apply within 5 days before harvest when the 1 pint rate is used. Do not apply within 8 days before harvest when rates above 1 pint are used. Do not apply more than 3 times between harvests.
Peas (Including Vines and Forage)	Aphids	1/4-1/2 pint	Do not apply within 1 day before harvest.
	Grasshoppers, Leafhoppers, Spider Mites, Climbing Cutworms	1/2-1 pint	
Potatoes	Aphids	1/4-1/2 pint	Do not apply within 1 day before harvest.
	Grasshoppers, Leafhoppers, Mites	1/2 pint	
Raspberries	Aphids	1/4-1/2 pint in 2 gal. water	Do not apply within 3 days before harvest.
	Mites, Leafhoppers, Fruitree Leafrollers, Orange Tortrix	1/2-3/4 pint in 2 gal. water	
Sorghum (Forage and Grain)	Aphids	1/4-1/2 pint	Do not apply within 3 days before harvest.
	Corn Earworms, Webworms	1/2-1 pint	
	Fall Armyworms	1 pint	
Spinach	Aphids	1/4-1/2 pint. For hard to kill insects, apply 1 quart.	Do not apply within 4 days before harvest.
	Cabbage Loopers, Imported Cabbage Worms, Grasshoppers, Mites, Adult Dipterous Leafminers, Climbing Cutworms, Salt-Marsh Caterpillars, False Chinch Bugs	1/2-1 pint. For hard to kill insects, apply 1 quart.	
Strawberries	Aphids, Mites	1/4-1/2 pint in 100 gal. water. For hard to kill insects, apply 1 quart in 100 gal. water.	Do not apply within 1 day before harvest. Do not apply within 2 days before harvest when 1 quart dosage rate is used.
	Grasshoppers, Strawberry Leafrollers, Salt-Marsh Caterpillars, Lygus Bugs	1/2-1 pint in 100 gal. water	
Tomatoes (Outdoor Only)	Aphids	1/4-1/2 pint	Do not apply within 1 day before harvest.
	Grasshoppers, Leafhoppers, Spider Mites	1/2-1 pint	
Walnuts	Aphids	1/4-1/2 pint 100 gal water	Do not apply within 1 day before harvest. Do not exceed 1000 gallons finished spray per acre.
	Mites, Omnivorous Loopers, Orange Tortrix, Fruitree Leafrollers, Western Tussock Moths	1/2 pint 100 gal water	
Lettuce (Leaf, Bibb, Romaine)	Aphids, Corn Earworms, Climbing Cutworms, Adult Dipterous Leafminers, Cabbage Loopers, Imported Cabbage Worms, Grasshoppers, Mites, Lygus Bugs, Salt-Marsh Caterpillars, False Chinch Bugs, Thrips	1 1/4-2 1/2 pints 50,000 sq ft	Do not apply within 10 days before harvest.

GREEN HOUSE ONLY

THIS WILL BE DONE WITH A STAMP

**Keep Out of Reach of Children.**  
 See other precautions on this label.



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