



ACCIDENT

MAY 2 1975

[148-883]

NET WEIGHT



1 POUND,
4 OUNCES

DE-FEND W-25 INSECTICIDE

CAUTION: Keep Out of Reach of Children
SEE INSIDE FOR ADDITIONAL CAUTIONS.

**FOR USE ON APPLES, PEARS,
GRAPES AND POTATOES**

ACTIVE INGREDIENT:	
Dimethoate (O,O-dimethyl S-[(Methylcarbamoyl)	25.0%
methyl] phosphorodithioate)	75.0%
INERT INGREDIENTS	100.0%

look inside
←

BAG DISPOSAL: Destroy empty bags by burning.
Stay away from smoke and fumes.

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.

The buyer of this material (including its ultimate user) is granted a license under U. S. Patent No. 3,210,242, limited to the use of the within contents, a prepaid royalty being included in the selling price. A nontransferable license under such patent may be obtained from the patent owner on current royalty terms whatever the source of dimethoate used.

EPA Reg. No. 148-883-AA EPA Est. No. 3225-1A-1
CG-10-74



**THOMPSON-HAYWARD
CHEMICAL COMPANY**

P. O. BOX 2383 KANSAS CITY, KANSAS 66110



RECEIVED

JAN 27 1975

[148-883]

DIRECTIONS

Repeat applications as necessary. Do not apply when weather conditions favor drift of spray from areas treated. Consult your state agricultural experiment station or state agricultural extension service for proper timing of applications.

FOR GENERAL APPLICATION by commercial growers or commercial applicators, on the crops listed below. Apply recommended amounts in sufficient water for good coverage.

FOR AERIAL APPLICATION use the recommended amount of DE-FEND W-25 in 2 to 10 gallons of water.

NOTE TO PHYSICIANS: This product, may cause cholinesterase inhibition. Atropine is antidotal. Pralidoxime chloride (2-Pam, Proto Pam Chloride) may be effective as an adjunct to Atropine.

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, or ponds. Do not apply when weather conditions favor drift from areas treated. Do not apply when runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Do not contaminate food or feed products.

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.

CAUTION!

**MAY BE HARMFUL IF SWALLOWED,
INHALED OR ABSORBED THROUGH SKIN.**

Avoid breathing dust or spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Wash clothing before reuse.

look inside
←

CROP	PESTS CONTROLLED	RATE	INTERVAL (DAYS) Between Last Application and Harvest
Apples Pears	Aphids, Leafhoppers, Pear Psylla, Mites (except rust mites)	1 to 2 lb. 100 gals. water	28 Do Not Apply During The Bloom Period
Potatoes	Aphids, Leafminers, Leafhoppers	1 to 2 lbs. acre	Potatoes May be Harvested on Day of Application
Grapes* (Calif. Raisin, Wine, table and canning grapes)	Grape Leafhoppers Pacific Spider Mites	6 to 8 lbs. per acre	28 Aerial application — ap- ply in 15-30 gallons of water per acre. Ground application — apply through concentrate spray equipment in 20-40 gallons of water per acre or through dilute equip- ment in 200-400 gallons of water per acre de- pending upon vine growth density. Repeat applica- tions as necessary.

*NOTE: DE-FEND W-25 Insecticide may leave a visible deposit of powder on berries at maturity if treatment is made after berries reach 1/4 inch in size. To avoid objectionable deposits of powder on berries grown for table and canning production, do not apply treatments to these crops after berries reach 1/4 inch in diameter.

[148-883]

[148-883]

DIRECTIONS

Repeat applications as necessary. Do not apply when weather conditions favor drift of spray from areas treated. Consult your state agricultural experiment station or state agricultural extension service for proper timing of applications.

FOR GENERAL APPLICATION: by commercial growers or commercial applicators, on the crops listed below. Apply recommended amounts in sufficient water for good coverage.

FOR AERIAL APPLICATION: use the recommended amount of DE-FEND W-25 in 2 to 10 gallons of water.

CAUTION!

**MAY BE HARMFUL IF SWALLOWED,
INHALED OR ABSORBED THROUGH SKIN.**

Avoid breathing dust or spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Wash clothing before reuse.

NOTE TO PHYSICIANS: This product may cause cholinesterase inhibition. Atripine is anticholinergic. Xanthineamide (2-Pic-Pip) Pam-Chloride may be effective as an adjunct to Atripine.

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, or ponds. Do not apply when weather conditions favor drift from areas treated. Do not apply when runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Do not contaminate food or feed products.

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.

CROP	PESTS CONTROLLED	RATE	INTERVAL DAYS: Between Last Application and Harvest
Apples Pears	Aphids, Leafhoppers, Pear Psylla, Mites (except rust mites)	1.0 to 2.0 gallons per acre	14 Do Not Apply During the Bloom Period
Potatoes	Aphids, Leafhoppers, Leafhoppers	1.0 to 2.0 gallons per acre	Potatoes May be Harvested 10 Days After Application
Grapes ¹ Calif. Raisin, Table and Drying grapes	Grape Leafhoppers, Pacific Spider Mite	1.0 to 2.0 gallons per acre	14 Aerial application at 1.0 to 2.0 gallons per acre per acre. Do not apply through concentrate spray equipment. Use 4 gallons of water per acre through sprayer equip- ment. Do not apply if water per acre is insufficient. Repeat application if necessary.

¹NOTE: DE-FEND W-25 is not registered for use on grapes. For information on alternative treatments, mark after berries are harvested. For more information, contact your state agricultural experiment station or state agricultural extension service.

look inside
←