

RESTRICTED USE PESTICIDE

Due to very high acute toxicity to humans and birds

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. Direct supervision for this product is defined as the certified applicator being physically present during application, mixing, loading, repair and cleaning of application equipment. Commercial certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

PENNCAP-M

MICROENCAPSULATED INSECTICIDE

ACTIVE INGREDIENTS:

O,O-Dimethyl O-p-nitrophenyl phosphorothioate	20.9%
Related Isomers	1.1%
Xylene Base Aromatic Solvent	4.9%
INERT INGREDIENTS	73.1%

TOTAL 100.0%

*Methy. Parathion (Contains 2 pounds Methy. Parathion and Related Isomers per Gallon)
U.S. Patent Nos. 3,429,827, 3,577,515, 3,959,464

KEEP OUT OF REACH OF CHILDREN AVISO WARNING

PRECAUCION AL USUARIO:

Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Call a physician. Never give anything by mouth to an unconscious person.

IF ON SKIN, immediately wash with soap and water and flush with plenty of water.

IF IN EYES, immediately flush eyes with plenty of water for at least 15 minutes.

Refer to back panel for Precautionary and First Aid statements and Note to Physician



EPA Registration No. 4581-292
EPA Establishment No. 4581-TX-1

Net Contents: _____ U.S. Gallons/ _____ Liters

Sold by
AGCHEM DIVISION—PENNWALT CORPORATION
Philadelphia, Pa. 19102

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under:
EPA Reg. No.

VEGETABLE CROPS

Crop	Insects	Pints/Acre	Remarks
Tomatoes	Flia Beetles Leafminers	2-4	Do not apply within 15 days of harvest
	Colorado Potato Beetle	4	
	Hornworms		
	Tomato Fruitworm Tomato Pinworm		

**ULV AERIAL APPLICATION IN WATER TO COTTON
NOT FOR THIS USE IN CALIFORNIA**

APPLICATION INSTRUCTIONS

Use spray equipment that has been specifically adapted and calibrated for the use of spraying PENNCAP M. The following conditions are to be met:
 1. Equipment must be adjusted to distribute the spray uniformly over the target area.
 2. Do not apply when wind conditions favor drift from treated areas.
 3. Spray equipment should be cleaned as soon as possible after application to prevent contamination of wind daily. Do not allow PENNCAP M to dry in the application equipment after cleaning.

Crop	Insect	Rates	Remarks
Cotton	Box Weevils	PENNCAP M 2.3 pints	Do not apply within 21 days of harvest
	Budworm	Plus one of the following methoxy 1.8L 2.4 pints	Do not apply within 21 days of harvest
Cotton	Budworm	PENNCAP M 2.3 pints	Do not apply within 21 days of harvest
	Tobacco Budworm	Plus one of the following methoxy 1.8L 2.4 pints	Do not apply within 21 days of harvest

TANK MIXES WITH PENNCAP-M

TANK MIX FOR USE ON APPLES AND PEARS

(All Apple and Pear Growing Areas Except California)

Insects	Rates	Remarks
Apple Maggot	PENNCAP M 2.4 pints/acre	Do not apply more than 4 pints PENNCAP M plus 4 pints methoxy 1.8L or 1 pound methoxy 90SP per acre per treatment
Apple and Thorn Skeletonizer	Plus one of the following methoxy 1.8L 2.4 pints/acre	
Codling Moth		OR THIODAN 50WP 2 lbs/acre
Fruit Tree Leafroller	OR THIODAN 50WP 2 lbs/acre	
Green Fruitworm		OR THIODAN 50WP 2 lbs/acre
Lesser Appleworm	OR THIODAN 50WP 2 lbs/acre	
Oblique banded Leafroller		OR THIODAN 50WP 2 lbs/acre
Oriental Fruit Moth	OR THIODAN 50WP 2 lbs/acre	
Oyster Shell Scale		OR THIODAN 50WP 2 lbs/acre
Pandemis Leafroller	OR THIODAN 50WP 2 lbs/acre	
Pear Plant Bug (pears only)		OR THIODAN 50WP 2 lbs/acre
Plum Curculio	OR THIODAN 50WP 2 lbs/acre	
Red banded Leafroller		OR THIODAN 50WP 2 lbs/acre
San Jose Scale	OR THIODAN 50WP 2 lbs/acre	
Tarnished Plant Bug		OR THIODAN 50WP 2 lbs/acre
Tufted Apple Budmoth	OR THIODAN 50WP 2 lbs/acre	
Variegated Leafroller		OR THIODAN 50WP 2 lbs/acre
White marked Tussock Moth	OR THIODAN 50WP 2 lbs/acre	
Woolly Apple Aphid		OR THIODAN 50WP 2 lbs/acre

Observe all limitations, precautions, and rate recommendations which appear on the labels for these products.

TANK MIX FOR USE ON APPLES AND PEARS

(All Apple and Pear Growing Areas Except California)

Insects	Rates	Remarks
Apple Maggot	PENNCAP M 2.4 pints/acre	Do not apply more than 4 pints PENNCAP M plus 4 pints Zolone 25W or 8 pounds methoxy 1.8L per acre per treatment
Apple and Thorn Skeletonizer	Plus one of the following ZOLONE 25W 2.5 pints/acre	
Codling Moth		ZOLONE 25W 4.8 lbs/acre
Fruit Tree Leafroller	OR ZOLONE 25W 4.8 lbs/acre	
Green Apple Aphid		OR ZOLONE 25W 4.8 lbs/acre
Green Fruitworm	OR ZOLONE 25W 4.8 lbs/acre	
Lesser Appleworm		OR ZOLONE 25W 4.8 lbs/acre
Oblique banded Leafroller	OR ZOLONE 25W 4.8 lbs/acre	
Oriental Fruit Moth		OR ZOLONE 25W 4.8 lbs/acre
Oyster Shell Scale	OR ZOLONE 25W 4.8 lbs/acre	
Pandemis Leafroller		OR ZOLONE 25W 4.8 lbs/acre
Pear Plant Bug (pears only)	OR ZOLONE 25W 4.8 lbs/acre	
Plum Curculio		OR ZOLONE 25W 4.8 lbs/acre
Red banded Leafroller	OR ZOLONE 25W 4.8 lbs/acre	
San Jose Scale		OR ZOLONE 25W 4.8 lbs/acre
Tarnished Plant Bug	OR ZOLONE 25W 4.8 lbs/acre	
Tentiform Leafminer		OR ZOLONE 25W 4.8 lbs/acre
Tufted Apple Budmoth	OR ZOLONE 25W 4.8 lbs/acre	
Variegated Leafroller		OR ZOLONE 25W 4.8 lbs/acre
White Apple Leafhopper	OR ZOLONE 25W 4.8 lbs/acre	
White marked Tussock Moth		OR ZOLONE 25W 4.8 lbs/acre
Woolly Apple Aphid	OR ZOLONE 25W 4.8 lbs/acre	

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*ZOLONE is a registered trademark of Rhone-Poulenc Chemical Company.

TANK MIX FOR USE ON APPLES

(All Apple Growing Areas Except California)

Insects	Rates	Remarks
Apple Maggot	PENNCAP-M 2.4 pints/acre	Do not apply more than 4 pints PENNCAP-M plus 4 pints methoxy 1.8L or 1 pound methoxy 90SP per acre per treatment
Apple and Thorn Skeletonizer	Plus one of the following methoxy 1.8L 2.4 pints/acre	
Codling Moth		OR THIODAN 50WP 2 lbs/acre
Fruit Tree Leafroller	OR THIODAN 50WP 2 lbs/acre	
Green Apple Aphid		OR THIODAN 50WP 2 lbs/acre
Green Fruitworm	OR THIODAN 50WP 2 lbs/acre	
Lesser Appleworm		OR THIODAN 50WP 2 lbs/acre
Oblique banded Leafroller	OR THIODAN 50WP 2 lbs/acre	
Oriental Fruit Moth		OR THIODAN 50WP 2 lbs/acre
Oyster Shell Scale	OR THIODAN 50WP 2 lbs/acre	
Pandemis Leafroller		OR THIODAN 50WP 2 lbs/acre
Plum Curculio	OR THIODAN 50WP 2 lbs/acre	
Red banded Leafroller		OR THIODAN 50WP 2 lbs/acre
San Jose Scale	OR THIODAN 50WP 2 lbs/acre	
Tarnished Plant Bug		OR THIODAN 50WP 2 lbs/acre
Tentiform Leafminer	OR THIODAN 50WP 2 lbs/acre	
Tufted Apple Budmoth		OR THIODAN 50WP 2 lbs/acre
Variegated Leafroller	OR THIODAN 50WP 2 lbs/acre	
White Apple Leafhopper		OR THIODAN 50WP 2 lbs/acre
White marked Tussock Moth	OR THIODAN 50WP 2 lbs/acre	
Woolly Apple Aphid		OR THIODAN 50WP 2 lbs/acre

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TANK MIX FOR USE ON APPLES

(All Apple Growing Areas East of the Rocky Mountains)

Insects	Rates	Remarks
Apple Maggot	PENNCAP M 2.4 pints/acre	Under heavy pressure from maggots, fruitworms, leafrollers, curculio, scale and budmoth use the higher dosage of PENNCAP M
Apple and Thorn Skeletonizer	Plus one of the following methoxy 1.8L 2.4 pints/acre	
Codling Moth		OR THIODAN 50WP 2 lbs/acre
Fruit Tree Leafroller	OR THIODAN 50WP 2 lbs/acre	
Green Apple Aphid		OR THIODAN 50WP 2 lbs/acre
Green Fruitworms	OR THIODAN 50WP 2 lbs/acre	
Lesser Appleworm		OR THIODAN 50WP 2 lbs/acre
Oblique banded Leafroller	OR THIODAN 50WP 2 lbs/acre	
Oriental Fruit Moth		OR THIODAN 50WP 2 lbs/acre
Plum Curculio	OR THIODAN 50WP 2 lbs/acre	
Red banded Leafroller		OR THIODAN 50WP 2 lbs/acre
San Jose Scale	OR THIODAN 50WP 2 lbs/acre	
Tentiform Leafminer		OR THIODAN 50WP 2 lbs/acre
Tufted Apple Budmoth	OR THIODAN 50WP 2 lbs/acre	
Variegated Leafroller		OR THIODAN 50WP 2 lbs/acre
White Apple Leafhopper	OR THIODAN 50WP 2 lbs/acre	
Woolly Apple Aphid		OR THIODAN 50WP 2 lbs/acre

Observe all limitations, precautions, and rate recommendations which appear on the labels for these products.

THIODAN is a registered trademark of Hoechst AG.

TANK MIX FOR USE ON COTTON

(All Cotton Growing Areas Except California)

Insects	Rates/Acre	Remarks
Box Weevil	PENNCAP M 2.3 pints	Always prepare fresh mixtures. Do not use.
Budworm	Plus one of the following GALECRON 4F 1.4 pound	
Tobacco Budworm		GALECRON 4F 1.4 pound
	Plus one of the following FUNDAL 4E 1.4 pound	Do not apply within 21 days of harvest
	GALECRON 4F 1.4 pound	

Observe all limitations, precautions, and rate recommendations which appear on the labels for these products.

*GALECRON is a registered trademark of Ciba Geigy.

*FUNDAL is a registered trademark of Nor-AM Chemical Co.

TANK MIX FOR USE ON COTTON

(All Cotton Growing Areas Except California)

Insects	Rates/Acre	Remarks
Armyworms	PENNCAP M 2.3 pints	Do not apply within 21 days of harvest
Box Weevil	Plus ORTHENE* Insecticide* 1.1 pound	
Budworm		ORTHENE* Insecticide* 1.1 pound
Cabbage Looper	ORTHENE* Insecticide* 1.1 pound	
Plant Bugs		ORTHENE* Insecticide* 1.1 pound
Tobacco Budworm	ORTHENE* Insecticide* 1.1 pound	
Whiteflies		ORTHENE* Insecticide* 1.1 pound

Observe all limitations, precautions, and rate recommendations which appear on the labels for these products.

*ORTHENE is a registered trademark of Chevron Chemical Company.

TANK MIX FOR USE ON COTTON

(All Cotton Growing Areas Except California)

Insects	Rates/acre	Remarks
Box Weevil	PENNCAP M 1.2 pints	Low rates indicated should be used under low insect pressure or in a season long program under close scouting supervision
Budworm	Plus AMBUSH* insecticide* 1.5 4.5 Pint	
Tobacco Budworm		AMBUSH* insecticide* 1.5 4.5 Pint

Observe all limitations, precautions, and rate recommendations which appear on the labels for these products.

*AMBUSH is a registered trademark of ICI Americas, Inc.

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STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Storage Instructions: Store in the original container. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling absorb with sand or other inert material and dispose of absorbant in accordance with the Pesticide Disposal Instructions listed below.

Pesticide Disposal Instructions: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal Instructions: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND DISCLAIMER

Pennwalt Corporation warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. PENNWALT MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL PENNWALT OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS, LABOR COST, OR OTHER EXPENSES INCURRED IN PLANTING OR HARVESTING.

Pennwalt and seller offer this product and the buyer and user accept it subject to the foregoing conditions of sale and warranty which may be varied only by agreement in writing signed by a fully authorized representative of Pennwalt.

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PENNCAP-M®
MICROENCAPSULATED INSECTICIDE
(EPA Reg No. 4581-292)

**MODIFICATION IN RATE FOR CONTROL OF APHIDS
ON WHEAT, OATS AND BARLEY**

DIRECTIONS FOR USE

ACCEPTED
FEB 21 1990
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 4581-292

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

INSECT	PINTS/ ACRE	REMARKS
Aphids (including Greenbug)	2-3	Do not apply within 15 days of harvest or grazing.

This label and the Federally registered label must be in the possession of the user at the time of pesticide application

Follow all applicable restrictions, precautions and instructions on the Federally registered label.

(11/89)

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