

PROPOSED LABEL

10F9

PENNCAP-M<sup>®</sup>



MICROENCAPSULATED INSECTICIDE

EPA Registration No. 4581-292

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.

TANK MIX FOR USE ON COTTON

(All Cotton Growing Areas Except California)

Insects	Rates/Acre	Remarks
Boll Weevil Bollworm Tobacco Budworm	PENNCAP-M 1 - 2 pints Plus PYDRIN <sup>®</sup> 1/6 - 2/3 pint	Low rates indicated should be used under low insect pressure or in a season long program under close scouting supervision. Do not apply within 21 days of harvest.

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

PYDRIN is a registered trademark of Shell Chemical Company

PROPOSED LABEL

**ACCEPTED**  
MAR 5 1984  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 4581-292



**PENNCAP-M® MICROENCAPSULATED INSECTICIDE**

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SPLIT APPLICATION FOR THE CONTROL OF  
SECOND GENERATION EUROPEAN CORN BORER ON FIELD CORN

DIRECTIONS FOR USE

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

When environmental conditions favor extended moth flights of the second generation of European Corn Borer, two correctly timed applications of PENNCAP-M at the lowest recommended rate may provide improved control over a single application at a higher rate.

CROP	INSECT	RATE (pts/Acre)	REMARKS
Field Corn	European Corn Borer	2	Apply PENNCAP-M at the rate indicated at the time of the initial hatch of the second generation. Repeat 10-14 days later. Do not harvest, cut for forage, or graze within 12 days of application.

Follow all applicable precautions and limitations on the PENNCAP-M label.

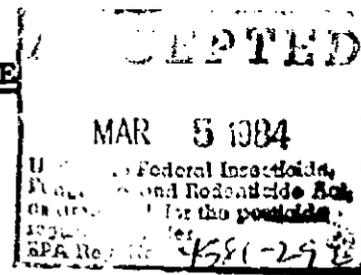
When making applications in low volumes (1/2-2 gallons per acre) follow additional precautions on the PENNCAP-M supplemental label for low volume aerial applications to field corn.

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LOW VOLUME AERIAL APPLICATIONS ON FIELD CORN

DIRECTIONS FOR USE

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

PENNCAP-M Insecticide is recommended for use in low volume aerial applications at a minimum of 1/2 gallon total spray per acre. Application of undiluted PENNCAP-M is not recommended. Equipment that has been specially adapted and calibrated for low volume application should be used. Best control will be achieved using spray devices that will produce droplets within the size range of 100 to 200 microns. The following conditions must be met:

1. Equipment must be adjusted to distribute spray uniformly over the spray swath;
2. Wind conditions and other factors such as temperature and humidity are such that the spray is deposited on the target;
3. Local regulations do not prohibit low volume aerial sprays.

CROP	INSECT	RATE/A	REMARKS
Field Corn	Western Bean Cutworm	2-4 pts	Do not harvest, cut for forage, or graze within 12 days of application.
	European Corn Borer		
	Corn Rootworm Adults	1-2 pts	
	Aphids	2-3 pts	

Follow all applicable restrictions and precautions on the PENNCAP-M label.

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APPLICATION THROUGH SPRINKLER IRRIGATION SYSTEMS

DIRECTIONS FOR USE

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

Apply PENNCAP-M Insecticide only through systems containing anti-syphon and check valves designed to prevent water source contamination or overflow of the mix tank and containing interlocking controls between the metering device and the water pump to insure simultaneous shut-off.

Maintain gentle continuous agitation in mix tank during mixing and application to assure a uniform suspension.

Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of a more dilute suspension per unit time.

Application of more than recommended quantities of irrigation water per acre may result in decreased product performance.

Do not apply when wind speed favors drift, when system connections or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product cannot be flushed and must be dismantled and drained. In a center pivot system, block the nozzle set nearest the well/pivot/injection unit to prevent spray being applied to this area. All screens should be 50 mesh or larger.

Where sprinkler distribution patterns do not overlap sufficiently, unacceptable insect control may result.

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water.

PENNCAP-M may be applied in conjunction with chemically neutral liquid fertilizers. Application in conjunction with highly alkaline fertilizers, such as aqueous ammonia, may cause a degradation of the pesticide, resulting in reduced performance and should be avoided.

Check local restrictions and requirements regarding sprinkler irrigation applications, as they may vary from state to state.

SPRAY PREPARATION:

Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with

clean water.

Prepare a suspension of PENNCAP-M Insecticide in a mix tank. Fill the tank with 1/2 or 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Slowly add the required amount of PENNCAP-M and then the remaining volume of water.

The addition of once-refined vegetable oil in the mix tank (1 part oil and 1 part PENNCAP-M) may improve efficacy. The PENNCAP-M should be added to the mix tank first.

APPLICATION INSTRUCTIONS:

Set sprinkler system to deliver 0.1 to 1.25 inches of water per acre. Volumes of water higher than this may reduce efficacy. Start sprinkler and then uniformly inject the suspension of PENNCAP-M into the irrigation water line so as to deliver the desired rate per acre. The suspension of PENNCAP-M should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing.

NOTE: When treatment with PENNCAP-M has been completed, do not irrigate the treated area for 24 to 48 hours to prevent washing the chemical off the crop.

CROP	INSECT	RATE (PTS/ACRE)	REMARKS
Alfalfa	Egyptian Alfalfa Weevil	2-4	Do not apply to alfalfa during bloom to avoid injury to bees. Do not apply to alfalfa grown for seed within 7 days prior to bloom or while bloom is present in treatment area. Do not apply within 15 days of harvest or grazing.
	Alfalfa Weevil Pea Aphid Potato Leafhopper	2-3	
	Grasshoppers	1-3	
Beans	Cucumber Beetle ( <u>Diabrotica</u> sp.)	2	To avoid injury to bees, do not apply during the period from 7 days prior to first bloom to peak bloom. After this time, PENNCAP-M may be applied as long as bees are not actively foraging. Do not apply within 15 days of harvest.

Corn, Sweet & Field	Corn Rootworm Adults	1-2	To avoid injury to bees, do not apply during pollen shed if bees are visiting the areas to be treated during their normal foraging hours. First generation European Corn Borer: 4 pints per acre. Second generation European Corn Borer: 2-4 pints per acre. Use the low rate only for light infestations. On sweet corn repeat applications as necessary to maintain control. For the most efficient European Corn Borer and Corn Earworm control, use a spray schedule suitably adapted to the area. Do not cut field or sweet corn for forage or graze within 12 days of application. Do not harvest field corn within 12 days of application. Do not apply to sweet corn later than 3 days before harvest.
	Aphids Flea Beetle	2-3	
	Corn Earworm European Corn Borer Sap Beetle (Sweet only) Western Bean Cutworm (Field only) Southwestern Corn Borer (Field only)	2-4	
Cabbage	Diamondback Moth	2-4	Do not apply within 21 days of harvest.
	Imported Cabbage Worm	4-6	
Southern Peas	Cowpea Curculio	2-4	Start application when blooms are first observed and repeat at 3-5 day intervals. Do not apply within 15 days of harvest.
	Cucumber Beetle ( <i>Diabrotica</i> sp.)	2	

Multiple applications may be necessary if insect pressure is heavy. Under heavy insect pressure the higher rates are recommended. Do not enter treated fields without protective clothing before spray dries.

Read the PENNCAP-M label for additional precautions, instructions, and restrictions.

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# PENNCAP-M

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<b>ACTIVE INGREDIENTS:</b>	
O,O-Dimethyl O-p-nitrophenyl phosphorothioate	20.9%
Related Isomers	1.1%
Xylene Base Aromatic Solvent	4.9%
<b>INERT INGREDIENTS</b>	
TOTAL	100.0%

\*Methyl Parathion  
 (Contains 2 pounds Methyl 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**  
**WARNING:**  
 MAY BE FATAL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN  
 Refer to back panel for first aid statement and note to physician  
 FOR GENERAL INFORMATION AND DIRECTIONS FOR USE REFER TO ACCOMPANYING BROCHURE  
**NET CONTENTS \_\_\_\_\_ GAL. / \_\_\_\_\_ L.**

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

**AGCHEM DIVISION—PENNWALT CORPORATION**  
 PHILADELPHIA, PA. 19102

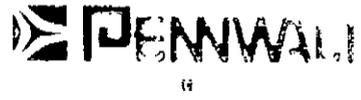
BEST DOCUMENT AVAILABLE

**PRECAUTIONARY STATEMENTS**  
 HAZARD TO HUMANS AND DOMESTIC ANIMALS  
**WARNING**

**ACCEPTED**  
 MAR 5 1984

**NOTE**  
 FOR  
 GENERAL  
 INFORMATION  
 &  
 DIRECTIONS FOR USE  
 REFER  
 TO  
 ACCOMPANYING  
 BROCHURE

ENVIRONMENTAL HAZARD  
 TO AQUATIC LIFE  
 TO BIRDS  
 TO BEES





FIELD CROPS

# PENNCAP-M

MICROENCAPSULATED INSECTICIDE

GENERAL INFORMATION  
AND  
DIRECTIONS FOR USE

GENERAL INFORMATION

DIRECTIONS FOR USE

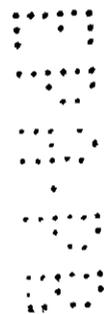
FIELD CROPS

BEST DOCUMENT AVAILABLE

FRESH FRUITS

VEGETABLE CROPS

SUPPLEMENTAL LABELING  
FOR TANK MIXES WITH  
PENNCAP-M



FIELD CROPS



FRUIT CROPS

FRUIT CROPS

BEST DOCUMENT AVAILABLE

12 3 4 5 6 7 8 9 10 11 12

PENWALT