

PRODUCT NUMBER
007

SPECIMEN LABEL

RESTRICTED USE PESTICIDE

For retail sale for and use by Certified Applicators or persons under the direct supervision of a Certified Applicator, and only for those uses covered by the Certified Applicator's certification.



**NEMATICIDE-
INSECTICIDE**

20%

GRANULAR

ADD-

ACTIVE INGREDIENT Ethoprop	20%
Ethoprop O Ethyl S S-Dipropyl Phosphorodithioate	20%
INERT INGREDIENTS	80%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN

DANGER!  **POISON**

ACCEPTED
1973

(SEE ANTIDOTE AND WARNING INFORMATION ON BACK PANEL)

STATEMENT OF PRACTICAL TREATMENT

SWALLOWED: Do not induce vomiting. Rinse mouth with water. Drink several glasses of water. Do not eat or drink until you feel better. If symptoms persist, call a physician immediately.

INHALED: Remove person from area and apply artificial respiration if indicated.

ON SKIN: Remove clothing contaminated. Wash exposed skin with soap and water. Wash thoroughly before re-entring area and contaminated shoes.

IN EYES: Flush with plenty of water for at least 15 minutes. Call a physician immediately.

See side or back panel for additional precautionary statements including note to physician.

EPA Reg. No. 359-709
EPA Est.

Manufactured by
RHÔNE-POULENC INC.
AGROCHEMICAL DIVISION

NET WEIGHT
Pounds
(Kilo)

Monsieur le Directeur N° 10012

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Poisonous if swallowed, inhaled or absorbed through skin. Rapidly absorbed through skin. Wear protective clothing. In case of contact, wash immediately with soap and water. Do not breathe fumes or dust. After use, wash hands, arms and face thoroughly with soap and warm water before eating or smoking. Wash all clothing with soap and hot water before reuse. Discard contaminated shoes. Do not contaminate feed or food.

Do not store in or around the home.

SYMPTOMS OF POISONING: Nausea, vomiting, abdominal cramps, diarrhea, excessive salivation, headache, dizziness, weakness, blurring or dimness of vision, excessive tearing, loss of muscular coordination, slurring of speech, twitching of muscles (especially of tongue and eyelids), mental confusion, disorientation, drowsiness, difficulty in breathing (chest tightness), runny nose.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Give 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Call a physician, Poison Control Center, or hospital emergency room. If not breathing, give mouth to mouth artificial respiration.

IN CASE OF SKIN CONTACT: Immediately remove all contaminated clothing, and wash skin with soap and water. Wash clothing before reuse. Discard contaminated shoes.

FOR EYES: Flush with plenty of water for at least 15 minutes. Call a physician immediately in all cases of suspected poisoning.

Persons providing first aid should prevent contamination of themselves.

NOTE TO PHYSICIAN: This product is a cholinesterase inhibitor. Severe symptoms and signs include diarrhea, pinpoint and non-reactive pupils, respiratory difficulty, pulmonary edema, cyanosis, loss of sphincter control, convulsions, and coma.

Support respiration as needed. Measures should include removal of secretions, maintenance of a patent airway, and if necessary, artificial ventilation.

If cyanosis is absent, give ATROPINE 2-4 mg intravenously (0.05 mg/kg for children). Repeat ATROPINE at 5-10 minute intervals until atropinization occurs (dry, flushed skin, tachycardia, pupillary dilatation), and maintain for 48 hours. If cyanotic, give initial ATROPINE intramuscularly and start measures to improve ventilation.

Start 2-PAM (PROTOPAM, Ayerst) at the same time. Give 1-2 grams PROTOPAM (20-40 mg/kg for children) in 100cc saline over 15-30 minutes. If pulmonary edema is present, give intravenously slowly as a 5% solution in water over a period of at least 5 minutes.

A second dose may be given after one hour if muscle weakness persists. Additional doses may be given cautiously for persistent muscle weakness. May be given by intramuscular or subcutaneous routes if intravenous administration is not feasible.

In case of skin contact wash patient with soap and water followed by wash with 95% ethyl alcohol. Keep patient under constant observation for 24-36 hours. Symptoms may persist for one month.

The use of theophylline, morphine, barbiturates, phenothiazines, reserpine, and succinyl choline is contraindicated.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Birds feeding in treated areas may be killed. Cover or incorporate granules that are spilled. Do not apply directly to water or wetlands. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Unprotected persons may enter treated fields after chemical has been mixed into the soil. Granules lying on the soil surface in turn areas at row ends should be incorporated to remove possible hazard to birds and other wildlife.

STORAGE AND DISPOSAL

PROHIBITIONS:

Do not contaminate water, food, or feed by storage or disposal. Do not store in or around the home.

PESTICIDE DISPOSAL:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

INCORPORATION INFORMATION

MOCAP nematicide-insecticide can be incorporated with a rotary tiller, rotary hoe, spring-tooth harrow, by double-discing or with other equipment for mixing the chemical with the soil to the depth recommended. Follow any specific incorporating directions given under the crop heading.

If moisture is applied immediately after application to carry the treatment into the soil, only shallow incorporation (1/4 to 1/2 inch) with mechanical equipment such as drag chains is required.

NEMATODES CONTROLLED

	Field Corn and Sweet Corn			Potato	Sugarcane
	6-7 Inch Band 5 lbs. 20G/A*	12-15 Inch Band 7.5-10 lbs. 20G/A*	Broadcast 30 lbs. 20G/A		
Dagger Nematodes <i>Xiphinema</i> spp. <i>X. americanum</i>	C C	C C	C C		
Lance Nematodes <i>Hoplolaimus</i> spp. <i>H. galeatus</i>		S S	S S		
Lesion Nematodes <i>Pratylenchus</i> spp. <i>P. hexincisus</i> <i>P. zea</i> <i>P. penetrans</i>	C C C	C C C	C C C	C	C
Ring Nematodes <i>Criconemoides</i> spp. <i>C. ornatus</i>	S S	S S	S S	C	C
Root-Knot Nematodes <i>Meloidogyne</i> spp. <i>M. hapla</i> <i>M. incognita</i> <i>M. chitwoodi</i>		C C C	C C C	C C C	C
Spiral Nematodes <i>Helicotylenchus</i> spp. <i>H. pseudorobustus</i> <i>H. dihystris</i> <i>Rotylenchus</i> spp.	C	C C C	C C C	C	
Sting Nematodes <i>Belonolaimus</i> spp. <i>B. longicaudatus</i>		C C	C C		C
Stubby Root Nematode <i>Trichodorus</i> spp. <i>T. christiei</i>	C C	C C	C C	C	C
Stunt Nematodes <i>Tylenchorhynchus</i> spp. <i>T. martini</i>	C	C	C	C	C

*Rates based on 30-inch row spacing. Rates per acre for other row spacings are shown in the section below.

C = Control S = Suppression

Field Corn and Sweet Corn

	6-7 Inch Band 5 lb. 20G/A*	Cultivation Application 5 lb. 20G/A*	Potato	Sugarcane
Black Cutworm** <i>Agrotis ipsilon</i>	C			
Sandhill Cutworm** <i>Euxoa detersa</i>	C			
Western Corn Rootworm <i>Diabrotica virgifera</i>	C	C		
Northern Corn Rootworm <i>D. longicornis</i>	C	C		
Southern Corn Rootworm <i>D. undecimpunctata howardi</i>	C	C		
Corn Wireworm <i>Melanotus communis</i>	C		C	C
Southern Potato Wireworm <i>Conoderus falli</i>	C			
Other Wireworms <i>M. dietrichi</i> <i>M. depressus</i> <i>M. verberans</i> <i>M. lanai</i> <i>M. opacicollis</i> <i>M. similis</i> <i>Limonius dubitans</i> <i>Limonius californicus</i> <i>Limonius canus</i> <i>Ctenicera pruinina</i> <i>Eleudes spp.</i> <i>Aeolus mellillus</i>	C C C C C C C C C C C C		C C C C	
White Grubs <i>Phyllophaga spp.</i>	S			

* Rates based on 40-inch row spacing
 ** Note: Under heavy infestations of cutworms, enough cutworms may survive to cause some crop damage. If this occurs, it may be necessary to apply a rescue treatment with another registered pesticide to control the surviving worms.
 C = Control S = Suppression

FIELD CORN AND SWEET CORN

NOTE TO USER: Make only one application of MOCAP 20%G per year

At-planting application for control of corn rootworms, corn wireworms, cutworms, *Symptyleta* (*Scutigerella maculata*), nematodes and suppression of white grubs: Use 6 ounces of 20% MOCAP per 1,000 feet of row. Rate per acre depends on row spacing as shown below

Row Spacing:	40"	38"	36"	30"	20'
Lbs. per acre:	$\frac{40}{5}$	$\frac{38}{5.3}$	$\frac{36}{5.6}$	$\frac{30}{6.7}$	$\frac{20}{10}$

Apply the granules in a 6 to 7-inch band over the row behind the press wheels. Mix the granules with the top 1/2 inch of soil with drag chains, spring-tooth incorporators, or similar equipment

**GAUGE SETTINGS FOR 6 OUNCES PER 1,000 FEET OF ROW.
(DO NOT CHANGE ROW WIDTH.)**

5 of 6

FOR APPLICATION RATE OF 6 OZ./1000 FEET OF ROW

Brand or Applicator	SPEED IN MILES PER HOUR								
	2	3	4	5	6	7	8	9	10
Old Gandy	11.4	14.6	16.8	18.6	20.2	21.8	23.4	25.2	26.8
New Gandy	11.8	14.9	17.0	18.9	20.5	21.9	23.3	24.7	26.0
International Harvester (old)	1/30	1/5.2	1/7.0	1/9.0	2/0.9	2/2.8	2/5.4	2/8.0	3/0.2
International Harvester (new)	1/3.2	1/5.3	1/7.1	1/9.0	2/0.8	2/2.9	2/4.9	2/6.8	2/8.6
John Deere (metal boxes)	1/16	1/18	1/20	1/32	2/1	2/2	2/2	2/3	2/3
John Deere new (1)	7	9	11	14	16	19	21	24	26
John Deere newest (2)	6	8	10	11	13	15	16	17	19
Noble (3)	5	7	9	12	14	16	18	20	22
Noble (new) (4)	4	5	7	9	11	13	15	16	17
Allis Chalmers	----- GAUGE 5. FOR ALL SPEEDS -----								

- (1)—Gauge Reads 10-20-30-40
- (2)—Gauge Reads 5-15-25-35-45
- (3)—Round hole in bottom of hopper
- (4)—Rectangular hole in bottom of hopper

Cultivation application for corn rootworm control: Apply after planting until layby. Use the rates shown above for at-planting application. On small corn, apply in a 6 to 7-inch band over the row. On taller corn, apply in bands 3 to 4 inches wide on each side of the corn, directing the granules toward the base of the plants. Cover the granules with soil by making application immediately ahead of cultivation equipment.

Broadcast treatment for cutworm control: Use 15 pounds of 20% MOCAP per acre or 3/8 pound per 1,000 square feet. Apply treatment from 3 days before planting to at-planting time. Mix treatment with the top 2 inches of soil right after application.

Nematode control: Row treatment: Use 9-12 ounces of 20% MOCAP per 1,000 feet of row. Rate per acre depends on row spacing as shown below. Make application in a band 12 to 15 inches wide on the row

Row Spacing:	40"	38"	36"	30"	20"
Lbs. per acre:	7.5-10	7.8-10.5	8.1-11.1	9.8-13.3	15-20

Broadcast treatment: Use 30 pounds of 20% MOCAP per acre or 3/4 pound per 1,000 square feet. Apply treatment from 3 days before planting to at-planting time. Mix treatment with the top 2 inches of soil right after application. The treatments for nematode control will also control rootworms, wireworms, cutworms, Symphylans (*Scutigerella maculata*) and suppress white grubs.

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SUGARCANE

Furrow treatment for nematode and wireworm control: Use 10 to 20 pounds of 20% MOCAP per acre at planting time (6-foot row spacing). Use the higher rates where nematodes have been especially severe. Apply evenly in a band 12 to 15 inches wide, centered over the seed pieces in the opened furrow, immediately before closing. Mix with the soil with a disc tiller or other suitable equipment as the cane is covered.

CONDITION OF SALE, WARRANTY, LIMITATION OF LIABILITY

This product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated on such label only when used in accordance with directions under normal use conditions. Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of Rhone-Poulenc or the seller. Buyer assumes all risks of use, storage, or handling of this material, not in strict accordance with directions given herewith. In no case shall Rhone-Poulenc or the seller be liable for consequential, special, or indirect damages such as loss of profits or values resulting from the use or handling of this product.

LDC 5158

Mocap 20% Granular

5/16/86

676
-10/31/85-

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POTATOES

WIREWORM and SYMPHYLAN CONTROL: Row Treatment:

Use 15 pounds of 20% Mocap per acre (40-inch row spacing) or 1.8 ounces per 100 linear feet of row. Make application in a band 12 inches wide on the row at planting. The following broadcast treatment is recommended for fields where wireworm injury has been (or is suspected to be) especially severe (i.e., potatoes planted following sod, pasture or new ground).

Broadcast Treatment:

Use 20 to 30 pounds of 20% Mocap per acre. Mix treatment with the top 4 inches of soil right after application.

NEMATODE CONTROL: Row Treatment:

(Control of Lesion, Spiral, Sting, Ring, Stunt, and Stubby Root Nematodes and Suppression of Northern Root-Knot and Southern Root-Knot Nematodes.)

Use 15 pounds of 20% Mocap per acre (40 inch row spacing) or 1.8 ounces per 100 linear feet of row. Make application in a band 12 inches wide on the row at planting.

Broadcast Treatment:

(Control of Northern Root-Knot, Southern Root-Knot, Lesion, Spiral, Sting, Ring, Stunt and Stubby Root Nematodes and suppression of Columbia Root-Knot Nematode.)

Use 30-60 pounds 20% Mocap per acre. Apply by ground or aerial application as close to planting as possible but no earlier than 2 weeks before planting, or apply before potato emergence. Incorporate with the top 4 inches of soil with suitable equipment immediately after application if applied before planting. If applied after planting, apply 1/4 - 1/2 inch water to incorporate in soil. Uniformity of application is important for best results.

NOTE: For best suppression of Columbia Root-Knot Nematodes, it is recommended that 20% Mocap be applied following fall or spring application of a registered fumigant nematicide.

Do not exceed a maximum of 12 lbs. ai/A/per season on potatoes.