

<b>(A)</b> 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> <b>Amendment</b> <input type="checkbox"/> Other	OPP Identifier Number  <span style="font-size: 24pt;">196647</span>
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**Section I**

1. Company/Product Number <p style="text-align: center; font-size: 18pt;">264-464</p>	2. EPA Product Manager Robert Forrest	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) MOCAP Plus 4-2 EC Nematicide-Insecticide	PMS <p style="text-align: center; font-size: 18pt;">14</p>	
5. Name and Address of Applicant (Include ZIP Code) Rhone-Poulenc Ag Company 2 T. W. Alexander Drive RTP, NC 27709  <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:  EPA Reg. No. _____  Product Name _____

**Section II**

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II)

Notification per PR Notice 88-6. This is to certify that this notification meets every requirement of PR Notice 88-6.

Notification of compliance with PR Notice 93-3, LABELING STATEMENT PROHIBITING APPLICATION TO WATER.

NOTIFICATION  
 PROHIBITING REVIEWED  
 PER PR NOTICE 88-6  
 DATE: 6/29/93

**Section III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted.		If "Yes," Unit Package wgt.    No. per container	If "Yes," Package wgt.    No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Other (_____) <input type="checkbox"/> Stenciled					

**Section IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name <p style="font-size: 18pt;">Patricia L. Kwiatkowski</p>	Title Associate Registration Manager	Telephone No. (Include Area Code) <p style="font-size: 18pt;">919-549-2631</p>
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**Certification**

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature 	3. Title Associate Registration Manager	
4. Typed Name <p style="font-size: 18pt;">Patricia L. Kwiatkowski</p>	5. Date <p style="font-size: 18pt;">June 25, 1993</p>	

# RESTRICTED USE PESTICIDE

ACUTE HUMAN ORAL, DERMAL, AND INHALATION TOXICITY

For retail sale to and use only 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.

## MOCAP<sup>®</sup> Plus 4-2 EC Nematicide-Insecticide

### ACTIVE INGREDIENTS:

Ethoprop: (O-Ethyl S, S-Dipropyl Phosphorodithioate)\* .....46.0%

Disulfoton: (O,O-Diethyl S-[2-(ethylthio)ethyl] Phosphorodithioate)\*\* .....23.0%

INERT INGREDIENTS .....31.0%

\*Equivalent to 4 pounds per gallon.

\*\*Equivalent to 2 pounds per gallon.

EPA Reg. No. 264-464

EPA Est. No.



**KEEP OUT OF REACH OF CHILDREN  
DANGER POISON PELIGRO**



**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.

**TRANSLATION TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.

For MEDICAL And TRANSPORTATION Emergencies ONLY call 24 Hours A Day 1-800-334-7577  
For PRODUCT USE Information Call 1-800-334-9745

### STATEMENT OF PRACTICAL TREATMENT

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

If not breathing, give mouth to mouth artificial respiration.

**IF ON SKIN:** Immediately remove all contaminated clothing and wash skin with soap and water. Wash clothing before reuse. Discard contaminated shoes.

**IF IN 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.

Solvent presents aspiration hazard. Gastric lavage may be indicated if material was taken internally. Support respiration as needed. Measures should include removal of secretions, maintenance of patent airway, and if necessary, artificial ventilation.

If cyanosis is absent, give ATROPINE 2-4 mg intravenously (0.5 mg/kg for children). Repeat Atropine at 5 to 10 minute intervals until atropinization occurs (dry, flushed skin, tachycardia, pupillary dilation), and maintain for 48 hours. If cyanotic, give initial atropine intramuscularly and start measures to improve ventilation.

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

A second dose may be given after 1 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 to 36 hours. Symptoms may persist for 1 month.

### PRECAUTIONARY STATEMENTS

#### DANGER

#### HAZARDS TO HUMAN AND DOMESTIC ANIMALS

Fatal if swallowed, inhaled, or absorbed through skin. Rapidly absorbed through skin. Wear water proof protective clothing, rubber gloves and goggles. In case of contact, wash immediately with water.

Do not breathe fumes or spray mist. Wear an AO R-6058 respirator with an R 58 cartridge, or equivalent, for protection during field handling and field exposure. 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.

NOTIFICATION  
LABEL NOT REEVALUATED  
PER PR NOTICE 6/29/93

DATE: 6/29/93

**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.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms (fish & invertebrates), and extremely toxic to birds. **Cover or disc spill areas.** Birds in treated areas may be killed. **For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.** Drift and runoff may be dangerous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment wash waters.

Do not apply within 140 feet of inland freshwater habitats.

Along the Atlantic seaboard, do not apply with 800 feet of brackish water habitats.

## PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

## BEE CAUTION

This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning. Contact your Cooperative Agricultural Extension Service or your local Rhône-Poulenc Ag Company representative for further information.

## DIRECTIONS FOR USE

It is violation of Federal Law to use this product in a manner inconsistent with its labeling.  
Read entire label before using this product.

Do not apply in Long Island, New York.

Do not apply MOCAP® Plus 4-2 EC Nematicide-Insecticide through any type of irrigation system.

## STORAGE AND DISPOSAL

### STORAGE

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

### PESTICIDE DISPOSAL

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

Triple rinse or equivalent. Then dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

## REENTRY STATEMENT

Reentry into treated fields is prohibited within 24 hours of application. State or local use and reentry regulations may be more restrictive than those stated on this label. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Do not allow reentry into treated fields within 24 hours of application, unless appropriate protective clothing is worn. Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers and given in a language customarily understood by the workers.

Oral and written warnings must include the STATEMENT OF PRACTICAL TREATMENT and notification that unprotected persons may enter treated fields or area only after chemical has been mixed in the soil.

**EQUIPMENT:** MOCAP® spray mixtures may affect some plastic materials after prolonged use. Spray tubing, hoses and gaskets should be inspected frequently, particularly black-colored materials. Replace any material which is softened or swollen. Polyethylene, polypropylene, nylon, and teflon materials are recommended. Polyvinyl chloride (PVC) material is not recommended.

**MIXING:** Add the recommended amount to the water in the spray tank and mix well. Use enough water in the spray tank (usually 20 to 25 gallons) to thoroughly and evenly cover the area to be treated. Agitate frequently during use.

4.15

**INCORPORATION INFORMATION**

MOCAP® Plus 4-2 EC 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.

TOBACCO NEMATODES CONTROLLED	TOBACCO INSECTS CONTROLLED
Dagger nematode ( <i>Xiphinema spp.</i> )	Wireworm ( <i>Coroderus spp.</i> )
Lesion nematode ( <i>Pratylenchus spp.</i> )	Tobacco flea beetle ( <i>Epirix hirtipennis</i> )
Root-knot nematode ( <i>Meloidogyne hapla</i> ) ( <i>Meloidogyne incognita</i> )	Green peach aphid ( <i>Myzus persicae</i> ) Tobacco aphid ( <i>Myzus nicotianae</i> )
Stunt nematode ( <i>Tylenchorhynchus spp.</i> )	

CROP	APPLICATION TIMING	PESTS CONTROLLED	BANDED	BROADCAST	APPLICATION DIRECTIONS
			FL. OZ./1000 ROW FEET	RATE PER ACRE	
Tobacco	From one week before transplanting to transplanting time	Nematodes Flea Beetles Aphids Wireworms	15.4	1 1/2 to 2 gallons	<b>Band:</b> Apply in a band 18 inches wide on the row after the fertilizer has been listed or bedded. <b>Broadcast:</b> Use a double gang disc harrow or other cultivating equipment that will do a good job of mixing MOCAP® Plus 4-2 EC with the soil. After mixing, apply fertilizer and, for best results, shape a wide bed with a tractor equipped with 4 disc hillers and wide sweeps for running out the middles. Be sure that only the treated soil (top 2 to 4 inches) is used to make beds.
Tank Mix with Ridomil® 2EC	From one week before transplanting to transplanting time	Nematodes Aphids Flea Beetles Wireworms Black Shank Blue Mold		1 1/2 to 2 gallons + 2 to 4 quarts Ridomil® 2EC	<b>Broadcast:</b> Mix the treatment with the top 2 to 4 inches of soil immediately after application then form beds. Read both product labels for specific use and rate information. Follow all precautions, directions and restrictions on both labels.

**RESTRICTIONS AND PRECAUTIONS**

- Use the higher rate in fields where nematode infestations have been especially severe or where soil is sandy. Mix with the top 2 to 4 inches of soil immediately after application.
- Rhône-Poulenc Ag Company does not recommend the use of MOCAP® Plus 4-2EC Nematicide-Insecticide on tobacco in Florida
- Do not plant any food crop in rotation after a field treatment with disulfoton unless it is a registered use for disulfoton.

117

## LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants that this product conforms to the chemical description on the label; that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; that the directions, warnings, and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

### NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

\*Ridomil is a registered trademark of Ciba-Geigy for metalaxyl. U.S. Patent No. 4,151,299.

Rhône-Poulenc Ag Company  
P.O. Box 12014, 2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709  
MOCA<sup>®</sup> is a registered trademark of Rhône-Poulenc  
MOCAP<sup>®</sup> Plus 4-2 EC Nematicide-Insecticide (MASTER) Notification 6/25/93