

PM 14 264-546

1/23/97

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

009832

## Application for Pesticide - Section I

1. Company/Product Number 264-546	2. EPA Product Manager R. Forrest	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) CHIPCO(R) MOCAP(R) brand 10G GC Pesticide	PM#	
5. Name and Address of Applicant (Include ZIP Code) Rhône-Poulenc Ag Company P. O. Box 12014, 2 T. W. Alexander Drive Research Triangle Park, 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

Notification of changing the label to make the name of the product consistent throughout the label.

JAN 23 1997

## 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 Packaging 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) 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"/> Stenciled				<input type="checkbox"/> Other _____	

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Lizbeth R. Simila	Title Registration Manager	Telephone No. (Include Area Code) 919/549-2787
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 Registration Manager	
4. Typed Name Lizbeth R. Simila	5. Date 1/8/97	

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# CHIPCO® MOCAP® brand 10G GC

## Pesticide for Golf Courses

NOT FOR DOMESTIC USE

### ACTIVE INGREDIENTS:

Ethoprop: (O-Ethyl S, S-Dipropyl Phosphorodithioate)..... 10.0%

INERT INGREDIENTS ..... 90.0%

EPA Reg. No. 264-546

EPA Est. No.

## KEEP OUT OF REACH OF CHILDREN WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

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

Ethoprop is an organophosphate.

**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 room.

If not breathing, give mouth to mouth artificial respiration.

**IF ON SKIN :** Wash skin with soap and water. Get medical attention.

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

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration. Get medical attention. 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.

### PRECAUTIONARY STATEMENTS

#### HAZARD TO HUMANS AND DOMESTIC ANIMALS

##### WARNING

May be fatal if swallowed, inhaled or absorbed through skin. Rapidly absorbed through skin. Do not breathe fumes or dust. Do not contaminate feed or food.

**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.

##### PHYSICAL AND CHEMICAL HAZARDS

Do not store in or around the home.

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### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators who apply this pesticide to golf courses must wear long-sleeved shirt and long pants, shoes plus socks.

Mixers and loaders who handle this pesticide must wear coveralls over short-sleeved shirts and short pants, waterproof gloves, shoes plus socks, and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Wash all clothing with soap and hot water before reuse.

### **User Safety Recommendations**

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash body thoroughly and put on clean clothing.

### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to aquatic organisms (fish and invertebrates), and wildlife. Birds feeding 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. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Cover, incorporate or clean up granules that are spilled during loading or are visible on soil surface in turn areas. Do not contaminate water when disposing of equipment wash water.

### **DIRECTIONS FOR USE**

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

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply in Long Island, New York.

Do not apply this product in a way that will contact workers or other persons either directly or through drift.

Do not allow unprotected humans or animals into treated areas until grass and soil surface have dried following incorporation with water.

### **STORAGE AND DISPOSAL**

#### **STORAGE**

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

#### **PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide granules, 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**

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.

### **GOLF COURSE TURFGRASS**

#### **NOT FOR USE ON DOMESTIC TURFGRASS**

### **GENERAL CAUTIONS AND RESTRICTIONS**

#### **General Precautions**

Avoid contact with granules or breathing dust. Use appropriate equipment during application and handling. Do not apply with equipment carried on the chest or applicators which are likely to grind the granules or scatter granules outside the area intended for treatment.

#### **Incorporation Information**

CHIPCO® MOCAP® brand 10G GC must be incorporated immediately after application with at least 0.1 inch of rainfall or irrigation. Failure to incorporate with water may result in a hazard to animals, poor pest control, injury to turfgrass, and longer persistence of mercaptan odor.

The unpleasant odor associated with CHIPCO® MOCAP® brand 10G GC is due to mercaptan, an impurity and breakdown product of ethoprop, the active ingredient. At the extremely low concentrations present following application of CHIPCO® MOCAP® brand 10G GC, the odor may be offensive to some persons.

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## General Information

When used in accordance with label directions CHIPCO® MOCAP® brand 10G GC will provide control of certain insects and nematodes in turfgrass. CHIPCO® MOCAP® brand 10G GC must be incorporated with rainfall or irrigation immediately after application. Residual activity may vary with rate, environmental conditions, and pest being controlled.

The pesticidal activity of CHIPCO® MOCAP® brand 10G GC is not affected by normal applications of fertilizers or other pesticides. Its effectiveness may be reduced if applied with highly alkaline materials.

## Turfgrass Response Information

Avoid application of CHIPCO® MOCAP® brand 10G GC to newly seeded areas until grass is well established. Overseeding treated areas soon after application of CHIPCO® MOCAP® brand 10G GC may cause injury to young grass seedlings.

To prevent turfgrass injury avoid application to wet foliage. Exceeding recommended rates or overlapping swath widths may result in turfgrass injury.

Do not apply rates greater than 2.3 pounds of CHIPCO® MOCAP® brand 10G GC per 1000 square feet of turf (100 lbs/A) to greens or tees cut to height of less than 0.375 inch. **Bentgrass and ryegrass are more sensitive to ethoprop than other turfgrass species. Phytotoxicity is likely to occur when using ethoprop on these grass species; however, the turf will normally outgrow this injury. If the risk of injury is unacceptable do not use this product.**

Under certain conditions Chinese Elm has shown sensitivity to ethoprop. When Chinese Elm are present in the landscape do not apply CHIPCO® MOCAP® brand 10G GC within the dripline to prevent potential injury.

## APPLICATION PROCEDURES

Application may be made using standard drop spreaders or broadcast spreaders. Calibrate and adjust equipment prior to application to insure proper rate and accurate placement.

Retreatment of new pest infestations with CHIPCO® MOCAP® brand 10G GC is allowed as necessary. However, **do not apply more than 400 pounds per acre per year (40.0 lbs ai/A/year) in any combination of treatments.** Do not exceed the maximum labeled rate of 200 pounds per acre (4.6 lbs/1000 sq ft or 20.0 lbs ai/A) at any single application.

### FOR GOLF COURSE TURFGRASS INSECT CONTROL

To control White Grubs (such as Japanese beetle, Chafer beetle, and *Phyllophaga* spp. larvae), Black Turfgrass Ataenius adults and larvae, Chinch bugs, Cutworms, Bluegrass Billbug adults and larvae, and Sod Webworm larvae; apply 1.15 pounds of CHIPCO® MOCAP® brand 10G GC per 1000 square feet of turf (50 lbs/A).

For Mole Crickets control apply 1.7 to 2.3 pounds of CHIPCO® MOCAP® brand 10G GC per 1000 square feet of turf (75 to 100 lbs/A). Use higher rate for heavy infestations and older insects.

### FOR GOLF COURSE TURFGRASS NEMATODE CONTROL

CHIPCO® MOCAP® brand 10G GC will provide control of the following species of turfgrass nematodes: Lesion, Pin, Ring, Root-Knot, Spiral, Sting, Stubby Root, and Stunt. Suppression of Lance nematodes can be achieved with recommended rates.

Use 4.6 pounds of CHIPCO® MOCAP® brand 10G GC per 1000 square feet (200 pounds per acre) of established turf. Apply uniformly with a fertilizer spreader or other suitable equipment. Severe infestations may require retreatment after six months.

**Do not apply more than 400 pounds of CHIPCO® MOCAP® brand 10G GC per acre per year (40.0 lb ai/A/year) in any combination of insect or nematode control treatments.**

**ENHANCED GOLF COURSE TURFGRASS VIGOR:** Properly timed applications of CHIPCO® MOCAP® brand 10G GC can eliminate damage from surface and subsurface insects and reduce damage from plant parasitic nematodes. Diminished damage caused by these pests encourages root growth and allows better utilization of available water and nutrients, which can enhance turfgrass vigor and reduce stress to the turf.

	LB/1000 SQ. FT.	LB/A	APPLICATION DIRECTIONS
Multiple applications at reduced rates for INSECT CONTROL and REDUCED NEMATODE DAMAGE	2.3	100	<b>OBSERVE PRECAUTIONARY INFORMATION</b>  When applied at proper rates and timings, this treatment controls insects listed on the label and reduces damage caused by turfgrass nematodes.  Make up to (but not more than) four applications at 60 to 90 day intervals following spring root flush in April or May using surface or slit application equipment.  To optimize results, coordinate applications with the presence of threshold populations of insects and/or nematodes. To maximize economic benefits and minimize environmental contamination, accurately evaluate pest populations and avoid unnecessary applications of additional product.
<b>General:</b> Do not apply more than 400 pounds of CHIPCO® MOCAP® brand 10G GC per year (40.0 lbs. ai/A/year) in any combination of insect or nematode treatments.			

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**SPREADER CALIBRATION TABLE FOR SURFACE APPLICATION EQUIPMENT\***  
**CHIPCO® MOCAP® brand 10G GC**

CHIPCO® MOCAP® 10G GC lbs/acre	Lesco Rotary	Cyclone B3-Pro	Scotts Pro R-8A	Spyker 24-22	Lely HR**			Vicon		
Applicator Speed	3 MPH	3 MPH	3 MPH	3 MPH	3 MPH	4 MPH	5 MPH	3 MPH	4 MPH	5 MPH
Swath Width	9 FT	9 FT	9 FT	8 FT	25 FT	25 FT	25 FT	25 FT	25 FT	25 FT
50	B	2.20	F+	3.25	2.75	3.00	3.25	10	11	12
75	C	2.50	H	3.50	3.00	3.50	3.75	11	13	15
100	D	2.75	H+	3.75	3.50	3.75	4.00	13	15	17
200	F	3.9	J	4.75	4.25	4.75	5.00	19	23	26

\*These settings based on use of 14/40 grit Biodac™ carrier and are intended for initial calibration only. It is strongly recommended that your equipment be calibrated prior to actual application using these settings as a starting point. For calibration of slit application equipment, contact your local Rhône-Poulenc Representative.

\*\*Settings are based on use of small seed feeding with central spreader setting.

### LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) 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; and (c) 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 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, EXPRESSED OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF 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 OR 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 the United States.

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MOCAP is a registered trademark of Rhône-Poulenc

CHIPCO® MOCAP® brand 10G GC (MASTER) Approved 7/24/96, Notification 1/8/97.