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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JUL 8 2009

Ms. Irene Boone
Agent for RCO International Inc.
Regulatory Services Inc.
17220 Westview Road
Lake Oswego, OR 97034

Subject: RCO Mole & Gopher Patrol Bait
EPA Reg. No. 5042-33
Notification Application Dated June 18, 2009

Dear Ms. Boone:

The Agency has reviewed your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated June 18, 2009, for RCO Mole & Gopher Patrol Bait, EPA Reg. No. 5042-33. The Registration Division (RD) has reviewed this request for applicability under PRN 98-10 and finds that the amended request does not fall within the scope of PRN 98-10 because the subject product is a rodenticide. Consequently, the submission has been processed as an amendment.

As an amendment, the proposed addition of 15-lb and 25-lb package sizes to this product's registration is accepted. The label submitted on June 18, 2009, is accepted under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, with the stipulation that the changes listed below are made.

1. Change the first sentence of the "ENVIRONMENTAL HAZARDS" paragraph to "This product is toxic to mammals, birds, and fish."
2. In each of the "STORAGE AND DISPOSAL" boxes, change the subheading "STORAGE:" to "PESTICIDE STORAGE:".
3. Combine the first two sentences of the "USE RESTRICTIONS" paragraph in the "DIRECTIONS FOR USE" section to read as shown below.

This product may only be used in lawns, golf courses, and other turf areas to control: eastern moles (*Scalopus aquaticus*); star-nosed moles (*Condylura cristata*); *Scapanus* spp. moles that occur in the western U.S.; and pocket gophers (*Geomys* spp. and *Thomomys* spp.).

4. In the fifth sentence of the third paragraph of the "MOLE APPLICATION DIRECTIONS" for "SUBSURFACE RUNWAYS:", change "recluse" to "re-close".
5. In the seventh (next-to-last) sentence of the second paragraph of the mole directions for "CONICAL MOUNDS and DEEP TUNNELS:", change "besides" to "beside".

Submit two copies of final printed labeling before releasing this product for shipment under the labeling accepted via this letter.

A stamped copy of the label is enclosed for your records.

If you have any questions, please call me directly at 703-305-6406.

Sincerely,



William W. Jacobs
Insecticide-Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0060



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number RCO International, Inc/ 5042-33	2. EPA Product Manager John Hebert	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) RCO International, Inc/RCO Mole & Gopher Patrol Bait	PM# 7	
5. Name and Address of Applicant (Include ZIP Code) RCO International, Inc. P.O. Box 191, Harrisburg, OR 97446 <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.)
 Additional product sizes of 15 lb and 25 lb. No other label changes.
 Non-PRIA action. See attached Notification statement and labeling with added sizes added.
 Agent Address: Regulatory Services Inc., 17220 Westview Rd., Lake Oswego, OR 97034 Email: boone5121@comcast.net

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	<input checked="" type="checkbox"/> Glass	<input type="checkbox"/> Paper
		If "Yes" Package wgt.	No. per container	<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 8 oz 1,3,5,20 #		5. Location of Label Directions <input checked="" 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 checked="" type="checkbox"/> Other pressure	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Irene Boone	Title Agent for RCO Int, Inc	Telephone No. (Include Area Code) 503/675-8525
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 <i>Irene Boone</i>	3. Title Agent for RCO International, Inc.	
4. Typed Name Irene Boone	5. Date June 18, 2009	



17220 Westview Rd. / Lake Oswego, OR 97034 / 503/675-8525 / Fax 503/635-8563

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536-6505

REGULATORY SERVICES INC.

PRODUCT: RCO Mole & Gopher Patrol Bait, EPA Reg. No. 5042-33

COMPANY: RCO International Inc.

DATE: 06/18/2009

SUBJECT: Notification of additional package size 15# and 25#

This notification is consistent with the provisions in PR Notice 98-10 and EPA regulations at 40 CFR §152.46 and no other changes have been made to the labeling or Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of 40 CFR § 156.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Irene Boone, Agent for RCO International, Inc.

(6/09 Notification to add 15# and 25# sizes)

RCO MOLE & GOPHER PATROL BAIT

Bait to Control Moles and Gophers

**ACCEPTED
With COMMENTS
In EPA Letter Dated:
JUL 8 2009
Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No.
5042-33**

ACTIVE INGREDIENT: Diphacinone.....	0.005%
INERT INGREDIENT:.....	99.995%
TOTAL	100.000%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautionary statements.

RCO INTERNATIONAL INC.
P.O. Box 191, Harrisburg, OR 97446

EPA REG. NO. 5042-33 EPA EST. NO. 67442-OR-2

NET CONTENTS: 8 oz., 1 lb., 3 lb., 5 lb., 15 lb., 20 lbs., 25 lb

BACK PANEL :

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Keep away from humans, domestic animals and pets. If bait is handled, wear gloves. After handling bait, wash thoroughly with soap and water.

FIRST AID

Have label with you when obtaining treatment advice.

If swallowed:

- Call poison control center, doctor, or 1-800-858-7378 immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center, doctor, or 1-800-858-7378 immediately for treatment advice.

NOTE TO PHYSICIAN

If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K₁ intramuscularly or orally. Repeat as necessary based on monitoring of prothrombin times.

ENVIRONMENTAL HAZARDS

Toxic to mammals, birds and fish. Predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten the bait. Do not allow bait to be exposed on the soil surface. Do not apply where runoff is likely to occur. Do not apply directly to water, or to areas where surface water is present or to intertidal area below the mean high water mark.

NOTE TO VETERINARIAN

For animals cases, Vitamin K₁ is antidotal at 2-5 mg/kg. Repeated doses may be needed, based upon prothrombin times. In severe cases, blood transfusions may be necessary.

ENDANGERED SPECIES CONSIDERATIONS

NOTICE: It is a federal offense to use any pesticide in a manner that results in the death of a member of an endangered species. The use of this product may pose a hazard to Federally designated endangered/threatened species. Suggested measures to protect endangered species in your county may exist in an EPA "Interim Measures" pamphlet. You may call EPA's Endangered Species Hotline, 1-800-447-3813, to find out if an

“Interim Measures” pamphlet exists for your county and have one sent to you. You can also consult your local county extension office or pesticide state lead agency to determine whether they have imposed any requirements in your area to protect endangered and threatened species.

For product packaged in less than 1 lb

STORAGE AND DISPOSAL

STORAGE: Store only in the original container, in a cool, dry place inaccessible to children and pets.

DISPOSAL: **If empty:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or place in trash. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

For product packaged in more than 1 lb

STORAGE AND DISPOSAL

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

STORAGE: Store only in original container in a cool, dry place inaccessible to children and pets.

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: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product by any method not specified on this label.

IMPORTANT: Do not expose children, pets, or other non-target animals to rodenticides.

To help prevent accidents:

1. Store product not in use in a location out of reach of children and pets.
2. Apply bait in locations out of the reach of children, pets, domestic animals and non-target wildlife.
3. Dispose of product container, and unused, spoiled and unconsumed bait as specified on the label.

USE RESTRICTIONS

This product may be used only in lawns, golf courses, and other turf areas to control eastern moles (*Scalopus aquaticus*), the star-nosed moles (*Condylura cristata*), or *Scapanus spp.*, moles that occur in the western U.S. Also controls pocket gophers (*Geomys sp* and *Thomomys sp.*) This bait must be applied under ground in mole's and gopher deep tunnels or subsurface runways. Do not place this bait in areas where there is a possibility of contaminating food or surfaces that come in direct contact with food. Do

not apply bait above ground. Remove or bury any bait spilled on the ground during application. Several treatments may be necessary to control mole and gopher infestations. Follow separate application directions on this label for moles and gophers.

DIFFERENCES between MOLES and GOPHERS

Moles are insectivores whose diet are primarily worms and soft bodied insects. They put up large mounds that are conical and very cloddy. Certain mole species will leave "ridged" runways near the soil surface. Gophers are vegetarians and prefer succulent plant roots. They put up random low fan-shaped mounds of finely excavated soil. Moles and gophers can be active year round.

MOLE APPLICATION DIRECTIONS

SUBSURFACE RUNWAYS: Subsurface runways are detected as raised ridges of vegetation and soil caused by moles foraging just below the soil surface. These ridges are especially noticeable when the grass on top of them yellows.

As many subsurface runways are used only once, you must determine which runways are habitually used by moles and apply bait only to these runways. To check subsurface runways for continued activity, gently flatten short sections of runways, marking locations where runways have been flattened so that you will know where to look for reconstruction of the ridge. Flagging on short stakes or dowels works well for this purpose, but make sure these are located beside (rather than in) the runways marked. Runways that are reconstructed within 72 hours of flattening may be sufficiently active to use for baiting.

Apply bait to each active runway identified. Using a 1/2-inch diameter dowel or metal rod (or other suitable implement) make a small opening in the top of the runway. Deposit a teaspoon quantity (about 4 grams) of bait through the hole, taking care not to collapse the ridge of the runway. (Move to a new location if ridge collapses). Carefully recluse the hole so that extra light is excluded, but no soil falls on bait and ridge is not collapsed. A small piece of sod or wadded paper towel may be used to reclose holes. Bait each active subsurface runway at 10- to 15-foot intervals. Check treated area often for signs of continued activity by moles. Re-treat areas where fresh activity is seen.

CONICAL MOUNDS and DEEP TUNNELS: Moles also may construct deeper tunnel systems, 4-6 inches below the ground surface. Such deeper tunnel systems are betrayed by the presence of conical mounds, sometimes 4-12 inches high, which are formed when moles push excavated soil up to the surface. Adjacent conical mounds often are only a few feet apart. The tunnel running between adjacent mounds may be found by probing the soil between mounds. Resistance on the probe decreases abruptly once the tunnel is entered.

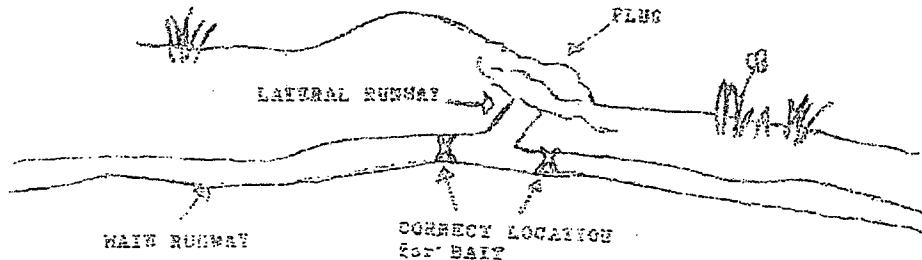
To bait deeper tunnels, probe until a tunnel is located. Enlarge the probe hole as needed to accommodate the passage of bait. Apply a teaspoon amount (about 4 grams) of bait into the tunnel. Cover the probe hole with sod, a small rock, or wadded paper to exclude light. Take care not to allow soil to cover bait. Treat each apparent length of deep tunnel.

Several days after treatment, check deep tunnels for continued presence of moles by probing openings into tunnels and marking them with flagged stakes inserted into the soil besides the opening. Re-treat all deep tunnels whose openings are reclosed from within during the next 72 hours.

POCKET GOPHER APPLICATION DIRECTIONS

Pocket Gophers form many low, fan-shaped mounds from their below ground tunnel excavations. Their entrance is on the mound's edge that is usually plugged. A short below-ground lateral tunnel connects the mound to the main runway, typically within 18" of the mound. To locate the main tunnel, probe the soil about 6-8" out from the mound in a circular pattern with a rod-like device. The probe will "give way" as the tunnel is penetrated. Remove probe after enlarging the opening by using rod in circular motion.

APPLICATION: Method 1: Apply $\frac{1}{2}$ cup of bait down the enlarged hole. Carefully close hole with sod or similar material to prevent light from entering and also to keep soil debris from falling down on bait. Make 2-3 applications per active burrow system. Re-treat if fresh mounds appear after 2 to 3 weeks. **Method 2:** Enlarge located tunnel to allow for placement of bait using a long handled spoon. Apply $\frac{1}{4}$ cup of bait in both directions down tunnel. Close baiting hole as directed above. Also, treat in 2-3 locations per tunnel system. Repeat as recommended above if fresh mounds appear. **Method 3:-Bait Station Use:** Utilize an approved below ground bait station by burying unit into an active tunnel system. Align bait station openings with tunnel runways. Load 1 lb. of bait into buried station and monitor bait consumption. Add bait to station as necessary. Always bait in the main tunnel system, not laterals (see below Diagram). Monitor the baiting stations for tunnel rebuilding that may bury the placed bait. Re-bait in other sites within the same tunnel system.



NOTICE: To the extent consistent with applicable law, RCO International, Inc. makes no representation or warranty, either expressed or implied, for results due to misuse, improper handling or storage of this material. Nor does RCO International, Inc. assume responsibility for injury to person, crops, animals, or soil or property arising out of misuse, improper handling or storage of this material.