



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

John Lublinkhof  
Bell Laboratories, Inc.  
3699 Kinsman Blvd.  
Madison, WI 53704

JUL 11 2008

Subject: Label Notifications for Pesticide Registration Notice 2007-4

Dear Mr. Lublinkhof,

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated May 19, 2008 for the following products:

<b>Ditrac<sup>®</sup> All-Weather Cake</b>	<b>(EPA Registration Number 12455-5)</b>
<b>Ditrac<sup>®</sup> Super Size Blox</b>	<b>(EPA Registration Number 12455-14)</b>
<b>ZP<sup>®</sup> Tracking Powder</b>	<b>(EPA Registration Number 12455-16)</b>
<b>ZP<sup>®</sup> Rodent Bait</b>	<b>(EPA Registration Number 12455-18)</b>
<b>Gopha Rid<sup>®</sup></b>	<b>(EPA Registration Number 12455-30)</b>
<b>Quintox<sup>®</sup> Rat and Mouse Bait</b>	<b>(EPA Registration Number 12455-39)</b>
<b>Quintox<sup>®</sup> Mouse Seed</b>	<b>(EPA Registration Number 12455-57)</b>
<b>Liqua-Tox II</b>	<b>(EPA Registration Number 12455-61)</b>
<b>Talpirid</b>	<b>(EPA Registration Number 12455-101)</b>

The Registration Division (RD) has conducted its review of these requests for their applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN 2007-4. The labels submitted with the application have been stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

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If you have any questions, please call me directly at 703-305-6249 or Steve Schaible of my staff at 703-308-9362.

Sincerely,



Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

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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

<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 12455-101	2. EPA Product Manager John Hebert	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Talpirid	PM# 7	
5. Name and Address of Applicant (Include ZIP Code) Bell Laboratories, Inc. 3699 Kinsman Blvd. Madison, WI 53704 <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 to <b>NOTIFICATION</b> and labeling to: EPA Reg. No. <u>JUL 11 2008</u> 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 of label change per PR Notice 2007-4 (See attached).

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt. 5 g	No. per container 4 - 20	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 20 - 100 grams		5. Location of Label Directions <input checked="" type="checkbox"/> On label	
6. Manner in Which Label is Affixed to Product <input checked="" 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 John Lublinkhof	Title Director of Regulatory Affairs	Telephone No. (Include Area Code) 608-241-0202
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#### Certification

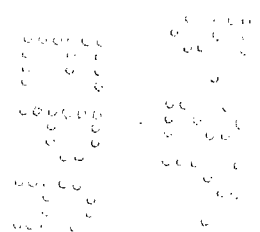
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature 	3. Title Director of Regulatory Affairs	6. Date Application Received <b>(Stamped)</b>
4. Typed Name	5. Date May 19, 2008	

**Section II (Explanation)**

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the 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 statements to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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.

**Please see attached label incorporating the changes. The changes are highlighted in gray in the Storage and Disposal section.**



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# TALPIRID

**NOTIFICATION**

**JUL 11 2008**

MOLE BAIT

KILLS MOLES

EFFECTIVE AGAINST MOST COMMON MOLE SPECIES

MIMICS A MOLE'S NATURAL FOOD SOURCE

READY TO USE

Scientifically designed and tested to mimic a mole's natural food source. Moles may consume a lethal dose in a single feeding, but it may take two or more days from the time of bait consumption for moles to die.

**ACTIVE INGREDIENT:**

Bromethalin (CAS #63333-35-7):..... 0.025%

INERT INGREDIENTS..... 99.975%

TOTAL 100.00%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**FIRST AID**

**HAVE LABEL WITH YOU WHEN OBTAINING TREATMENT ADVICE**

**IF SWALLOWED:**

- Call a poison control center, doctor, or 1-877-854-2494 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:**

- Wash with plenty of soap and water.

**NOTE TO PHYSICIAN OR VETERINARIAN**

TALPIRID contains Bromethalin – an oxidative phosphorylation inhibitor. If ingested, limit absorption by either emesis or gastric lavage. Sublethal symptoms, if present, would be the result of cerebral edema and should be treated accordingly through administration of an osmotic diuretic and corticosteroid.

NET WEIGHT: Range: 20 – 100 g

Manufactured by:



**Bell Laboratories, Inc.**  
Madison, WI 53704

EPA REG. NO. 12455-101

EPA EST. NO. 12455-WI-1

*This Section For Product Label Identification Purposes Only:  
TALPIRID, EPA Reg. No. 12455-101, Container Label  
Page 1 of 10*

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### DIRECTIONS FOR USE

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

**READ THIS LABEL:** Read this entire label and follow all use directions and use precautions

**IMPORTANT:** Do not expose children to this product or use it for any purpose other than to control moles. To help prevent accidents:

1. Store product not in use in locations out of the reach of children and pets.
2. Follow all application directions and USE RESTRICTIONS on this label. Apply bait only in underground runways of moles. Keep pets out of treated areas. Do NOT use this product above ground.
3. Dispose of product container and unused or spoiled product as specified on label.

**USE RESTRICTIONS:** This product may only be used in lawns, parks, around homes, golf courses, ornamental gardens, nurseries and other non-crop grassy areas to control eastern moles (*Scalopus aquaticus*), star-nosed moles (*Conylura cristata*) or *Scanapus spp.* This bait must be applied underground in either main underground runways or in subsurface feeding tunnels. This bait may not be used above ground. Wear gloves when bait is handled.

**SELECTION OF TREATMENT AREAS:** The presence of moles may be indicated by a network of subsurface runways in the turf or by a series of conical mounds of earth pushed up from deep burrows. Subsurface runways are indicated by raised ridges of vegetation and soil caused by moles foraging for food just below the soil surface. These runways are especially noticeable when the grass above them turns yellow. Conical mounds may be indicative of the location of deeper main underground runways.

#### APPLICATION DIRECTIONS:

*(Qualifier statement for package containing worm shaped baits:)* Remove and place worm shaped bait according to use directions below and ADDITIONAL GRAPHICS AND TEXT.)

*(Qualifier statement for package containing grub shaped baits:)* Remove and place grub shaped bait according to use directions below and ADDITIONAL GRAPHICS AND TEXT.)

**SUBSURFACE RUNWAYS:** TALPIRID has been specially designed to mimic the natural food sources of the mole. To achieve maximum effect, TALPIRID should only be placed in areas used habitually by moles for feeding.

**ESTABLISHING INITIAL ACTIVITY:** Use your finger, small wooden dowel or a narrow rod to puncture a hole in the top of subsurface runways. Be careful not to crush runways. Mark opened runways and revisit them 48 to 72 hours later. Runways that have had holes resealed within 72 hours should be baited.

**BAITING ACTIVE RUNWAYS:** Make a hole in the top of the runway with a rod slightly larger than the diameter of the bait. Drop one worm into the runway, using the rod to push any exposed bait completely into the runway. Carefully reseat the runway with a small amount of dirt to exclude light. Repeat bait application every 5 to 10 feet of each active subsurface runway.

*(Alternate language for package containing grub shaped baits only:)*

**BAITING ACTIVE RUNWAYS:** Make a hole in the top of the runway with a rod slightly larger than the diameter of the bait. Drop two grubs (one placement) into the runway, using the rod to push any exposed bait completely into the runway. Carefully reseal the runway with a small amount of dirt to exclude light. Repeat bait application every 5 to 10 feet of each active subsurface runway.

**DETERMINING BAITING RESULTS:** Five (5) to 7 days after bait application, check for mole activity using the same procedure for determining initial activity. Return 48 to 72 hours later and retreat all active runs.

**MAIN UNDERGROUND TUNNELS AND CONICAL MOUNDS:** Moles construct deeper tunnels that are not visible from the surface. These deep tunnels systems are often marked by a series of conical mounds (piles of dirt) 4 to 12 inches high formed when dirt is pushed to the surface when moles construct these tunnels. To locate deep tunnels, push a probe, such as a broom handle, into the soil between mounds. When the probe enters a tunnel, the resistance on the probe will decrease rapidly. Mark opened tunnels and revisit them 48 to 72 hours later. Runways that have had holes resealed within 72 hours should be baited.

To bait deep tunnels, drop one TALPIRID worm through the probe hole, using the probe to push the bait completely into the tunnel. Cover the hole with a piece of sod, a small rock or a piece of newspaper to allow for visual inspection. Repeat bait application every 5 to 10 feet of each active deep tunnel and within 5 feet of each active conical mound. Check for the effects of treatment 5 to 7 days after bait application using the same procedure for determining tunnel location. Return 48 to 72 hours later and retreat all active tunnel systems.

*(Alternate language for package containing grub shaped baits only:)*

To bait deep tunnels, drop two TALPIRID grubs (one placement) through the probe hole, using the probe to push the bait completely into the tunnel. Cover the hole with a piece of sod, a small rock or a piece of newspaper to allow for visual inspection. Repeat bait application every 5 to 10 feet of each active deep tunnel and within 5 feet of each active conical mound. Check for the effects of treatment 5 to 7 days after bait application using the same procedure for determining tunnel location. Return 48 to 72 hours later and retreat all active tunnel systems.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and other wildlife. Do not apply this product directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store only in original container in a cool, dry place inaccessible to children and pets. Keep containers closed and away from other chemicals.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be placed in trash or delivered to an approved waste disposal facility.

**CONTAINER DISPOSAL:** ~~Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.~~ Dispose of empty container by placing in trash, at an approved waste disposal facility or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Call your local waste agency for any questions on proper disposal.

**WARRANTY:** To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling are contrary to label instructions.

*Alternate Environmental Hazards Language for packaging intended solely for household consumer use:*

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and other wildlife. Do not apply directly to water.

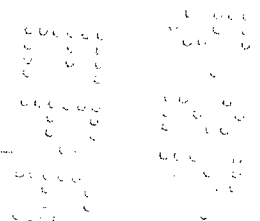
*Alternate Storage and Disposal Language for packaging intended solely for household consumer use:*

**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. Keep containers closed and away from other chemicals.

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





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**INNER CONTAINER – ABBREVIATED LABEL**

# TALPIRID

## KEEP OUT OF REACH OF CHILDREN CAUTION

See outer container for additional precautionary statements.

**ACTIVE INGREDIENT:**

Bromethalin (CAS #63333-35-7):..... 0.025%

INERT INGREDIENTS..... 99.975%

TOTAL 100.00%

### FIRST AID

#### HAVE LABEL WITH YOU WHEN OBTAINING TREATMENT ADVICE

**IF SWALLOWED:**

- Call a poison control center, doctor, or 1-877-854-2494 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:**

- Wash with plenty of soap and water.

### NOTE TO PHYSICIAN OR VETERINARIAN

TALPIRID contains Bromethalin – an oxidative phosphorylation inhibitor. If ingested, limit absorption by either emesis or gastric lavage. Sublethal symptoms, if present, would be the result of cerebral edema and should be treated accordingly through administration of an osmotic diuretic and corticosteroid.

### DIRECTIONS FOR USE

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

See outer box for full "DIRECTIONS FOR USE" text.

See outer box for full "STORAGE AND DISPOSAL" text.

NET WEIGHT: 10-50 g

Manufactured by:

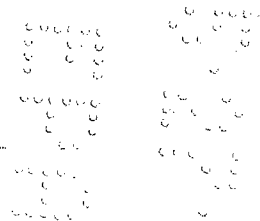


**Bell Laboratories, Inc.**  
Madison, WI 53704

EPA REG. NO. 12455-101

EPA EST. NO. 12455-WI-1

### NOTE: MUST BE USED UNDERGROUND



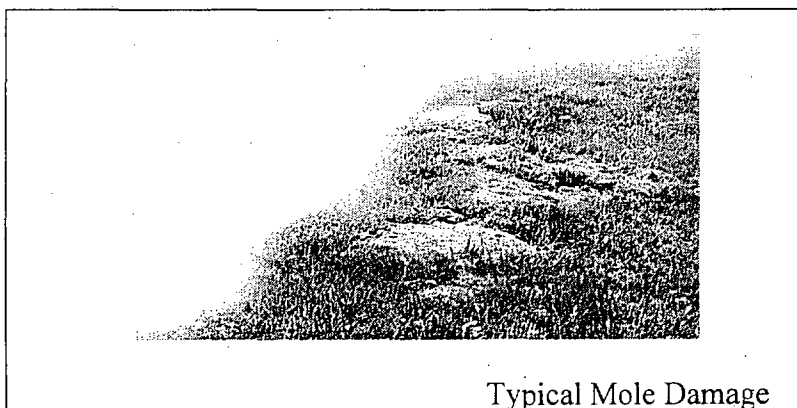
**OPTIONAL MARKETING STATEMENTS FOR WORM SHAPED BAIT:**

- 6 Placements
- 6 Worms – 1 Worm Per Placement
- 8 Placements
- 8 Worms – 1 Worm Per Placement
- Contains 20 worm shaped baits (TWO Individually Sealed Trays of 10)
- Worm Formula
- Worm Shaped Baits
- Available Exclusively From

**OPTIONAL MARKETING STATEMENTS FOR GRUB SHAPED BAIT:**

- 4 Placements
- 8 Grubs – 2 Grubs Per Placement
- Grub Formula
- Grub Shaped Baits
- Available Exclusively From

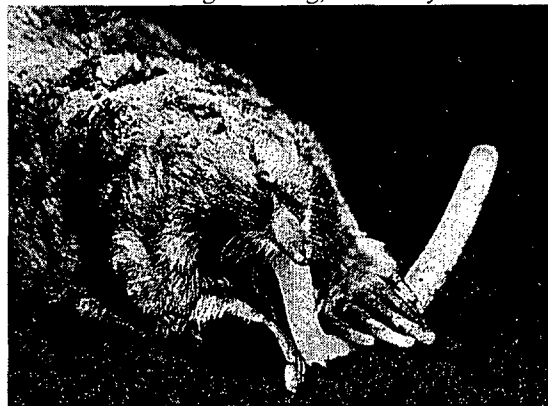
**ADDITIONAL GRAPHICS AND TEXT FOR WORM SHAPED BAIT:**



Typical Mole Damage

Other mole baits have been developed on the premise that moles are similar to rats and mice, when in reality moles are insectivores (insect eaters). Moles readily consume earthworms, and when available, grubs. In fact, more than 90% of a mole's average daily dietary requirements are from earthworms and grubs.

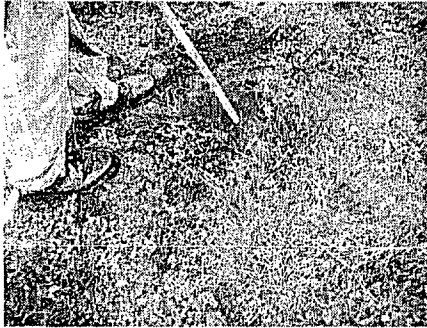
Thousands of hours of groundbreaking laboratory and field research have gone into the product you are holding. Talpirid has been carefully designed to mimic a mole's most common natural food source – earthworms and grubs. Moles may consume a lethal dose in a single feeding, but it may take two or more days from the time of bait consumption for moles to die.



### 1. Verify Active Runways

Use your finger, small wooden dowel or a narrow rod to puncture a hole in the top of subsurface\*\* runways. NOTE: Be careful to not crush runway.

Mark opened runways and revisit them 48-72 hours later. Runways that have had holes resealed within 72 hours should be baited. (See Step 2)

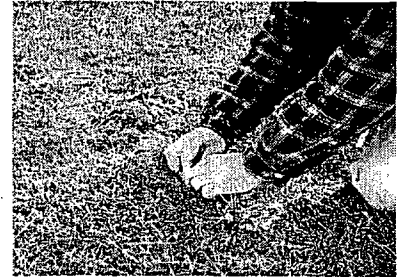


### 2. Bait Active Runways

Make a hole in the top of the runway with a rod slightly larger than the diameter of the bait.

Drop one worm into the opening, ensuring that the worm is completely in the runway. No part of the worm should be exposed

Carefully reseat by pinching hole closed. If not possible, cover with a small rock. Repeat bait application every 5-10 feet of active runway.



### 3. Determine Baiting Results

Five to seven days after application, check for mole activity using the same procedure for determining initial activity. Return 48-72 hours later and retreat all active runs.

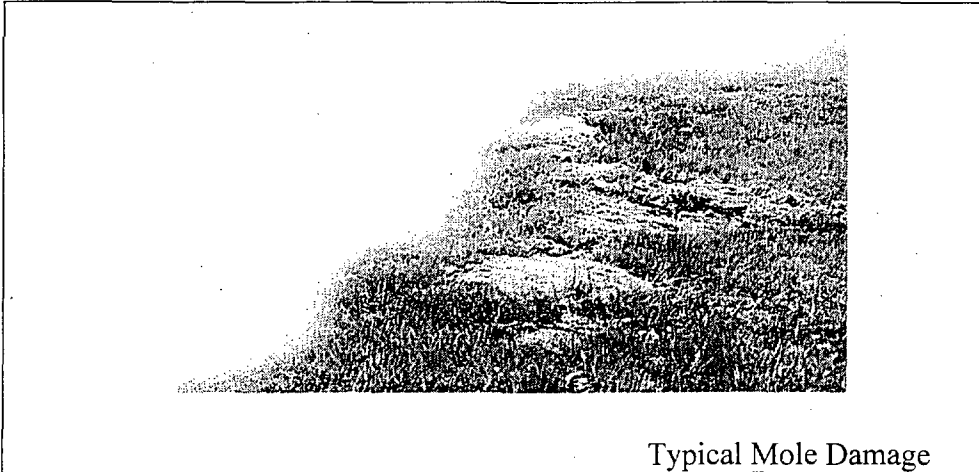


\*\* Deep tunnel/mound systems require a slightly different procedure. See bottom of package for details.

NOTE: All properties are susceptible to recolonization. However, properties near woods, fields, streams/lakes, etc. are especially prone to this. These areas will have to be continually monitored and retreated if activity returns.

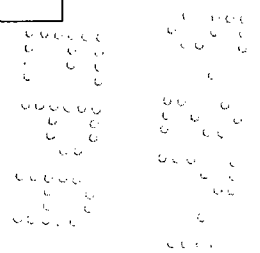
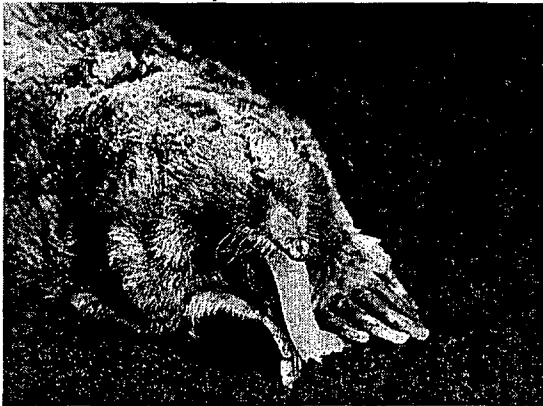
To bait deep tunnels, drop one TALPIRID worm through the probe hole, using the probe to push the bait completely into the tunnel. Cover the hole with a piece of sod, a small rock or a piece of newspaper to allow for visual inspection. Repeat bait application every 5 to 10 feet of each active deep tunnel and within 5 feet of each active conical mound. Check for the effects of treatment 5 to 7 days after bait application using the same procedure for determining tunnel location. Return 48 to 72 hours later and retreat all active tunnel systems.

**ADDITIONAL GRAPHICS AND TEXT FOR GRUB SHAPED BAIT:**



Other mole baits have been developed on the premise that moles are similar to rats and mice, when in reality moles are insectivores (insect eaters). Moles readily consume earthworms, and when available, grubs. In fact, more than 90% of a mole's average daily dietary requirements are from earthworms and grubs.

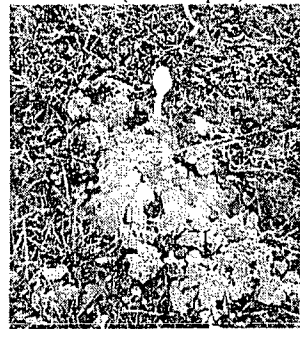
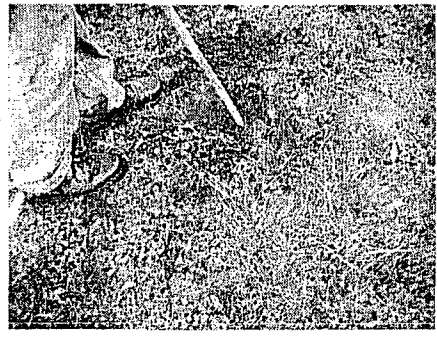
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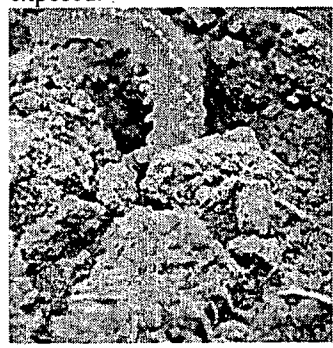


### 2. Bait Active Runways

Make a hole in the top of the runway with a rod slightly larger than the diameter of the bait.

Drop two grubs (one placement) into the opening, ensuring that the grubs are completely in the runway. No parts of the grubs should be exposed.

Carefully reseal by pinching hole closed. If not possible, cover with a small rock. Repeat bait application every 5-10 feet of active runway.



### 3. Determine Baiting Results

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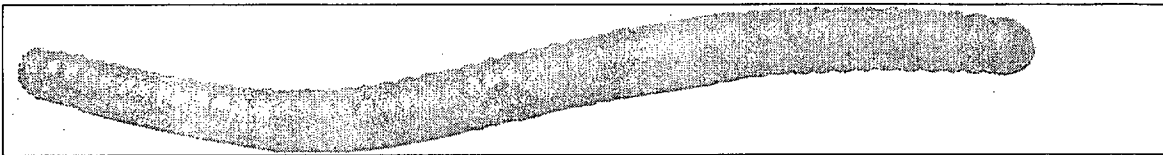


\*\* Deep tunnel/mound systems require a slightly different procedure. See bottom of package for details.

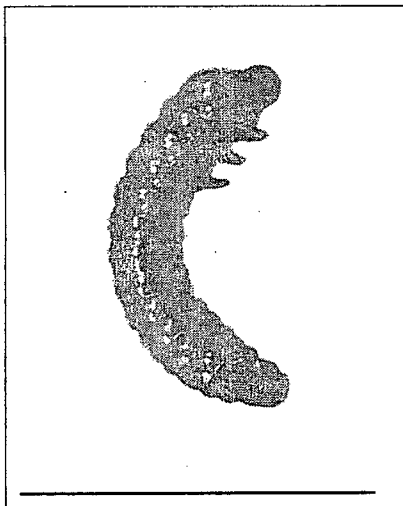
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To bait deep tunnels, drop two grubs (one placement) through the probe hole, using the probe to push the bait completely into the tunnel. Cover the hole with a piece of sod, a small rock or a piece of newspaper to allow for visual inspection. Repeat bait application every 5 to 10 feet of each active deep tunnel and within 5 feet of each active conical mound. Check for the effects of treatment 5 to 7 days after bait application using the same procedure for determining tunnel location. Return 48 to 72 hours later and retreat all active tunnel systems.

**ADDITIONAL GRAPHICS WITHOUT TEXT FOR WORM SHAPED BAIT:**



**ADDITIONAL GRAPHICS WITHOUT TEXT FOR GRUB SHAPED BAIT:**



051908

