

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Keep away from children, domestic animals and pets.

**Personal Protective Equipment (PPE):**

All handlers (including applicators) must wear long-sleeved shirt, long pants, shoes, socks and waterproof gloves. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

**User Safety Requirements**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of waterproof gloves before removing them. As soon as possible, wash hands thoroughly after applying the bait and before eating, drinking, chewing gum, using tobacco or using the toilet and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to mammals, birds and other wildlife. Dogs, cats and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not allow bait to be exposed on soil surface. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment wash water or rinsate.

**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.

In California, obtain a copy of the Interim Measures Bulletin for your county from the County Commissioner's office or from the following internet site:

<http://www.cdpr.ca.gov/docs/es/index.htm>

**Salt Marsh Harvest Mouse (*Reithrodontomys raviventris*)**

Do not use this product in critical habitat with 0.5 miles of salt marsh vegetation and/or brackish water wetlands which are located: 1) near or adjacent to San Pablo Bay and San Francisco Bay, or 2) in the Sacramento River below or adjacent to confluence of the Sacramento River and the San Joaquin River (California).

**Morro Bay Kangaroo Rat (*Dipodomys heermanni morroensis*)**

Do not use this product in critical habitat within 2.5 miles of Baywood Park which is located on the Morro Bay (California).

**Giant Kangaroo Rat (*Dipodomys ingrens*)**

Follow the Interim Measures for protecting endangered species in the California Endangered Species Bulletin for the following California counties: Fresno, Kern, Kings, Merced, Monterey, San Benito, San Luis Obispo, Santa Barbara, and Tulare (California).

To protect endangered kangaroo rats, use one of the modified station designs (inverted "T" with "elbows" or platform stations) developed for this purpose in associated with the California Department of Food and Agriculture and the California Department of Fish and Game. A publication is available at the website indicated above.

**Tipton Kangaroo Rat (*Dipodomys nitratoides nitratoides*)**

Follow the Interim Measures for protecting endangered species in the California Endangered Species Bulletin for the following California counties: Kern, Kings, and Tulare (California).

**Fresno Kangaroo Rat (*Dipodomys nitratoides exilis*)**

Follow the Interim Measures for protecting endangered species in the California Endangered Species Bulletin for the following California counties: Kern, Kings, Madera, and Merced (California).

**Stephens' Kangaroo Rat (*Dipodomys stephens*)**

Follow the Interim Measures for protecting endangered species in the California Endangered Species Bulletin for the following California counties: San Bernardino, San Diego, and Riverside (California).

**Pygmy Rabbit (*Brachylagus idahoensis*)**

Do not use this within one mile of alfalfa fields.

**RESTRICTED USE PESTICIDE  
DUE TO HAZARD TO NON-TARGET SPECIES**

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.



**Kills Rats and Mice  
For Control of California Ground Squirrels,  
Pocket Gophers, Voles\*, and Moles\***

**This Product Cannot Be Sold or Distributed in Packaging that Holds Less Than 4 Pounds of Bait.**

\*Not for use against voles or moles in California, Hawaii, New Hampshire, and Indiana.

For use only against the eastern mole (*Scalopus aquaticus*) and the hairy-tailed mole (*Parascalops breweri*) in North Carolina. Not for use against the star-nosed mole (*Condylura cristata parva*) in North Carolina.

**Active Ingredient:**

- Diphacinone
- (2-Diphenylacetyl)-1,3-Indandione .....0.005%
- Other Ingredients:** .....99.995%
- Total** .....100.000%

**KEEP OUT OF REACH  
OF CHILDREN  
CAUTION**

EPA Reg. No. 61282-63 EPA Est. No. 61282-WI-01

<b>FIRST AID</b>	
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> </ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor immediately for treatment advice.</li> </ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor, or immediately for treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN</b>	
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.	
<b>TREATMENT FOR PET POISONING</b>	
If animal eats bait, call veterinarian or 1-800-498-5743 at once.	
<b>NOTE TO VETERINARIAN</b>	
Anticoagulant Diphacinone: For animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), give Vitamin K <sub>1</sub> .	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas).	

**Net Contents: 20 lbs.  
Net Weight: 20 lbs.**



**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. Use only for the sites, pests, and application methods described on this label.

**USES ASSOCIATED WITH BUILDINGS AND STRUCTURES TO CONTROL RATS AND MICE**

**IMPORTANT:** Do not expose children, pets or other non-target animals to rodenticides. To help to 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 reach of children, pets, domestic animals and non-target wildlife, or in tamper-resistant bait stations. These stations must be resistant to destruction by dogs and by children under six years of age, and must be used in a manner that prevents such children from reaching into bait compartments and obtaining bait. If bait can be shaken from stations when they are lifted, units must be secured or otherwise immobilized. Even stronger stations are needed in areas open to hoofed livestock, raccoons, bears or other potentially destructive animals, or in areas prone to vandalism.
3. Dispose of product container, and unused, spoiled and unconsumed bait as specified on this label.

**USE RESTRICTIONS:**

**In and Around Buildings and Structures**

This product may only be used to control Norway rats, roof rats, and house mice in and within 100 feet of man-made structures constructed in a manner so as to be vulnerable to commensal rodent invasions and/or to harboring or attracting rodent infestations. Examples of such structures include homes and other permanent or temporary residences, food processing facilities, industrial and commercial buildings, trash receptacles, agricultural and public buildings, transport vehicles (ships, trains, aircraft), docks and port or terminal buildings and related structures around and associated with these sites. Fence and perimeter baiting, beyond 100 feet from a structure as defined above, is prohibited. This product must not be applied directly to food or feed crops. Do not broadcast bait.

**Bait stations are mandatory for outdoor, above-ground use. Tamper-resistant bait stations must be used wherever children, pets, non-target mammals, or birds may have access to the bait placement location.**

**Inside Burrows**

This product may also be applied to active rodent burrows to control Norway rats and roof rats *within or beyond* 100 feet of buildings and man-made structures, provided that infestations of these rodents have been confirmed. Because Norway/roof rat infestations may occur in areas farther than 100 feet from buildings and man-made structures when the rodents have ample supplies of food and cover, efforts should be made to remove food trash, garbage, clutter, and debris. Bait must be placed not less than 6 inches into active Norway/roof rat burrows. Do not broadcast bait.

**TERRESTRIAL, NONFOOD / NONFEED AREAS:**

This product may also be used in the following areas: river banks, irrigation ditches, gullies, railroad tracks, fences, and sanitary landfills. All placements must be in tamper-resistant bait stations or deeply into rat burrows. **Note:** This weather-resistant bait may be placed at the above sites, even if wet or damp. Do not place bait in areas where there is a possibility of contaminating food/feed or surfaces that come in direct contact with food/feed. Do not broadcast bait.

**SELECTION OF TREATMENT AREAS:** Determine areas where rats or house mice will most likely find and consume the bait. Generally, these areas are along walls, by gnawed openings, in or beside burrows, in corners and concealed places, between floors and walls, or in locations where rodents or their signs have been seen. Protect bait from rain or snow. Remove as much alternative food as possible.

**APPLICATION DIRECTIONS**

**Rats:** Place 4 to 16 ounces of bait per placement. Space placements at intervals of 15 to 30 feet in infested areas. Maintain an uninterrupted supply of fresh bait for at least 10 days or until there no longer are signs of new feeding by rats.

**Mice:** Apply ¼ to ½ ounces (1-2 level tablespoons) of bait at each placement location. Space placements at 8- to 12-foot intervals. Larger placements (up to 2 ounces) may be needed at points of very high house mouse activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until there are no longer signs of new feeding by house mice.

**Follow-Up:** Replace contaminated or spoiled bait immediately. Using waterproof gloves collect and dispose of all dead, exposed animals and leftover bait properly.



To discourage reinfestation, limit sources of rodent food, water and harborage as much as possible. If reinfestation does occur, repeat treatment. Where a continuous source of infestation is present, establish permanent bait stations and replenish as needed.

## CALIFORNIA GROUND SQUIRRELS

**USE RESTRICTIONS:** This product may be used to control California ground squirrels (*Otospermophilus beecheyi*) in parks, golf courses, fruit tree orchards (dormant season only), non-crop rights-of-way, other non-crop areas by hand spot baiting or secured bait station applications. This product may be used to control California ground squirrels (*Otospermophilus beecheyi*) in or near levee or ditch banks, around farm buildings, along fence lines, in orchards, and in or near crops by secured bait station applications only.

**DO NOT** apply this bait directly to food or feed crops or use it in any manner other than prescribed by this label. Do not use this product where nontarget species are likely to be adversely affected or where threatened or endangered species potentially at risk are present. Do not apply bait over roads, walkways or water. Do not allow young children, pets, domesticated animals or personal not associated with the bait application to be in areas where the bait is being applied. Wear waterproof gloves when applying bait. With detergent and hot water, wash all implements used for applying bait. Do not use these implements for mixing, holding or transferring foods or feeds. Do not apply by aerial application. Do not graze livestock or plant food or feed crops in spot treated areas while bait is present.

### APPLICATION DIRECTIONS:

#### Bait Stations:

Secure bait stations at locations where they will be readily accessible to target California ground squirrels, preferably near active burrows. Secure stations 20 to 100 feet apart, depending upon the density of the California ground squirrel population. Use 2 to 4 pounds of bait per station.

Check bait stations frequently to insure that an uninterrupted supply of bait is always available. Maintain an uninterrupted supply of fresh bait for at least 30 days or until all signs of feeding have stopped. Wearing waterproof gloves collect and dispose of all dead, exposed animals and leftover bait properly.

Bait stations may be maintained in areas on permanent basis, but must only be loaded with toxic bait when California ground squirrels are active and accepting grain-based foods in numbers sufficient to promote effective control

#### Hand Spot Baiting:

Evenly scatter ¼ cup of bait (40 grams) near each burrow opening being used by California ground squirrels. (See more information in *Endangered Species Considerations*). Bait spoons, measuring cups or other suitable implements may be used to measure and distribute the bait. The area around each burrow over which bait is distributed may be no larger than 50 square feet (e.g. a circular area no more than 8 feet in diameter). Re-apply bait to the same area at intervals of 2 to 3 days for a total of 3 to 4 applications, if ground squirrels remain active and continue to consume bait. A continuous supply of bait is needed for 6 to 12 days to ensure that all squirrels present have opportunity to feed on bait for at least 5 consecutive days. Do not exceed the maximum application rate of ¼ cup per burrow per application.

#### Surveillance and Follow-up:

Dead ground squirrels should begin to appear in or near treated areas within 4 to 5 days after the first bait application. Visit the application site to monitor the effects of treatment 4 days after the first application and at subsequent intervals of 1 or 2 days. Wearing waterproof gloves, collect and properly dispose of visible carcasses if ground squirrels and other species found in or near treated areas. Dead animals buried on site must be buried a minimum of 18 inches below the ground surface, preferably deeper. Continue to collect and dispose of dead ground squirrels and search for non-target animals for at least 2 weeks after the last bait application, or longer if carcasses are still being found at that time. Carcass collection and burial should be performed in the late afternoon, near sundown, to reduce the potential for nocturnal scavengers or predators to find carcasses on the ground surface. Wear waterproof gloves and use leak-proof plastic bags or other suitable containers for transporting carcasses not buried on site. Where there is a continuous source of reinfestation, establish permanent bait stations and replenish bait as needed.

## POCKET GOPHERS

**USE RESTRICTIONS:** For control of plains pocket gophers (*Geomys bursarius*) and pocket gophers (*Thomomys spp*) on lawns, golf courses, forest areas, parks, nurseries, Rangelands, grain fields, forage crops, hay crops, timothy crops, alfalfa crops, vineyards, grape vineyards, in pome fruit (apple, pear), stone fruit (peach, cherry, apricot, plum, prune, nectarine), citrus fruit, avocado and nut tree orchards (almonds, walnuts, pistachios, pecans, filberts, and macadamia), tree plantations, and vegetable crops. Bait must be applied directly into pocket gopher's underground burrow systems. Do not apply bait above ground.

**HAND SPOT BAITING:** Follow the directions indicated below to locate and treat pocket gophers' burrow systems.

**Locating Underground Runways:** Use a specially designed gopher probe, a metal rod, a strong smooth stick, or other suitable implement to probe the ground 10 to 15 inches away from fan-shaped gopher mounds. Begin probing on the flat side of the fan. When the main runway has been entered, the probe will drop about 2 inches due to decreased resistance from soil.

**Applying Bait to Runways:** Using a long-handled spoon or mechanical probe, drop 4 ounces of bait into the main runway at each baited point. Cover the opening with sod, a rock, or soil to exclude light. Take care not to cover bait with soil. Depending upon mound density, make two to three bait placements per burrow system. Recover and bury all spilled bait. Applied in this manner, one pound of bait will treat one to eight acres, depending upon the number of pocket gopher burrow systems present.

## MOLES

**Not for use against moles in California, Hawaii, New Hampshire, and Indiana.**  
**For use only against the eastern mole (*Scalopus aquaticus*) and the hairy-tailed mole (*Parascalops breweri*) in North Carolina. Not for use against the star-nosed mole (*Condylura cristata parva*) in North Carolina.**

**USE RESTRICTIONS:** For control of moles in lawns, parks, and golf courses. This product may only be used to control moles in manual below ground applications. Do not apply in gardens where food or feed may become contaminated. Do not apply this product by use of an artificial burrow builder. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

**Specific Directions for Moles:** The presence of moles may be indicated by a network of surface ridges in the turf, by a series of conical mounds of earth pushed up from deep burrows, or by damage to flower bulbs.

**Surface Ridges:** Prior to treatment determine which burrows are active according to one of the following two methods: Either press down a small section of the tunnel or remove a one inch section of the tunnel's roof. Mark these sections and recheck in 24 hours. The burrow is considered active if the flattened runway has been raised up or if the roof has been repaired.

Only treat active burrows. Carefully, with a long-handled spoon, punch a hole in the top of active tunnels, drop a teaspoon amount of this product and carefully close the hole with sod or stone. Do not collapse the runway again or allow loose soil to cover the bait. After a few days check to see if the burrows are still active according to one of the two methods described above. If so, repeat treatment.

**Conical Mounds:** With a long-handled spoon carefully remove the center plug from each conical mound. Drop 4 ounces of bait into the underground tunnel. Close the opening with a rock or sod. Do not allow loose dirt to cover bait. If mole activity persists after one treatment, a second treatment may be made. If mole activity persists after two treatments, abandon use of this product and seek another method for controlling moles.

**Flower Bulb Protection (Fall Planted):** Pack about one-quarter inch of soil against each flower bulb. Place several pellets at sides of and around the flower bulb. Then cover with soil.

## FRUIT TREE ORCHARDS (BEARING AND NON-BEARING) FOR PINE AND MEADOW VOLE CONTROL

**Not for use against voles in California, Hawaii, New Hampshire, and Indiana.**

**USE RESTRICTIONS:** For control of pine and meadow voles in pome fruit (apples, pears) and stone fruit (peaches, nectarines) tree orchards. Aerial application is only permitted in the following states:

Idaho	Oregon	Vermont
Michigan	Pennsylvania	Washington
Montana	Utah	West Virginia
Ohio	Virginia	

**Timing:** Apply after fall harvest (including drops), before new spring growth, and during which three days of rain-free and snow-free weather are expected.

**Grazing:** Do not graze animals in treated areas.

**Hay:** Do not use hay cut after application for feed or bedding.

**Bare Ground and Unspecified Sites:** Do not apply over bare ground or to orchards other than apple, pear, peach or nectarine.

**Application Type:** Apply only by hand spot baiting and ground broadcasting and aerial broadcast (for those states indicated).

#### PRE-APPLICATION DIRECTIONS:

Prior to application, examine orchard floor to locate trails and runways systems to be treated.

#### APPLICATION DIRECTIONS:

**HAND SPOT BAITING:** Place about 1-½ oz. of bait in each active hole, trail, or runway at each tree site (10 lbs./acre). When practical, cover bait artificially (e.g., mats, boards) or by pulling overhanging grass over bait.

**Ground & Aerial Broadcasting:** For aerial application only in those states specified above. For ground application use a commercially-made seed or fertilizer spreader. Uniformly apply 20 lbs. of bait per acre rate for Pine Voles and 10 lbs. of bait per acre rate for Meadow Voles. To avoid exposing nontarget organisms, clean up any bait in piles and return bait to application equipment or dispose of as specified under "Pesticide Disposal."

#### POST-APPLICATION INSTRUCTIONS:

If populations are high, make a second application 1-2 months after the first application.

## NUT ORCHARDS (PECANS, ALMONDS, WALNUTS, FILBERTS/HAZELNUTS) FOR PINE AND MEADOW VOLE CONTROL

**Not for use against voles in California, Hawaii, New Hampshire, and Indiana.**

**USE RESTRICTIONS:** For control of pine and meadow voles in Nut Orchards.

**Timing:** Apply after fall harvest (including drops), before new spring growth, and when three, rain-free days are expected. For other USE RESTRICTIONS, PRE-APPLICATION, APPLICATION, AND POST-APPLICATION DIRECTIONS, see use directions for pine and meadow voles in fruit orchards above.

## CHRISTMAS TREE FARMS, COMMERCIAL NURSERIES, AND TREE PLANTATIONS FOR PINE AND MEADOW VOLE CONTROL

**Not for use against voles in California, Hawaii, New Hampshire, and Indiana.**

**USE RESTRICTIONS:** For control of pine and meadow voles in Christmas Tree Farms, Commercial Nurseries, and Tree Plantations.

**Timing:** Apply when three, rain-free days are expected. For other USE RESTRICTIONS, PRE-APPLICATION, APPLICATION, AND POST-APPLICATION DIRECTIONS, see use directions for pine and meadow voles in fruit orchards above.

## STORAGE AND DISPOSAL

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

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

**Pesticide Disposal:** Dispose of wastes resulting from the use of this product in trash or at an approved waste disposal facility.

**Container Handling: Nonrefillable container.** Do not reuse or refill this container.

**Plastic Containers:** Triple rinse (or equivalent) then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or incineration.

**Paper Containers:** Dispose of empty container by placing in trash, at an approved waste disposal facility or by incineration. Do not burn, unless allowed by state and local ordinances.

## DISCLAIMER

To the extent permitted by applicable law, Seller makes no representation or warranty, either express or implied, for results due to misuse, improper handling, or improper storage of this material. Nor does Seller assume any responsibility for injury to persons, crops, animals, soil, or property arising out of misuse, improper handling, or improper storage of this material.

For non-emergency (e.g., current product information), Call: 1-800-621-8829



#### Manufactured by:

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