



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 18, 2020

Susan Westra  
Product Registration Manager  
HACCO, Inc.  
620 Leshar Place  
Lansing, MI 48912

Subject: Label Amendment – Adding range of packaging sizes, optional marketing statements and other minor label changes  
Product Name: Ramik Brown  
EPA Registration Number: 61282-45  
Application Date: November 26, 2019  
Decision Number: 558353

Dear Ms. Westra:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Jasmin Jackson by phone at 703-347-0732, or via email at [jackson.jasmin@epa.gov](mailto:jackson.jasmin@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Gene Benbow".

Gene Benbow, Product Manager 7  
Invertebrate & Vertebrate Branch 3  
Registration Division (7505P)  
Office of Pesticide Programs

**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.

**Ramik® Brown**

**Weather-Resistant Rodenticide**

**For use in and around structures and in terrestrial non-food/non-feed areas to control commensal rats and mice in Fruit Tree and Nut (Pecans, Almonds, Walnuts, Filberts/Hazelnuts) orchards, Christmas Tree Farms, Tree Plantations, and Commercial Nurseries to control voles.**

**ACTIVE INGREDIENT:**

Diphacinone (2-Diphenylacetyl-1,3-Indandione) .....	0.005%
<b>OTHER INGREDIENTS:</b> .....	<u>99.995%</u>
<b>TOTAL:</b> .....	100.000%

EPA Reg. No. 61282-45

EPA Est. No. 61282-WI-01

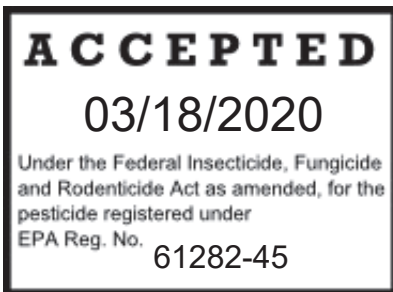
**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**Net Contents:**

<b>10 to 50 lbs.</b>	
<b>10 pounds</b>	<b>(4.54 kilograms)</b>
<b>20 pounds</b>	<b>(9.07 kilograms)</b>
<b>40 pounds</b>	<b>(18.14 kilograms)</b>
<b>50 pounds</b>	<b>(22.68 kilograms)</b>

**Net Weight:**

<b>10 to 50 lbs.</b>	
<b>10 pounds</b>	<b>(4.54 kilograms)</b>
<b>20 pounds</b>	<b>(9.07 kilograms)</b>
<b>40 pounds</b>	<b>(18.14 kilograms)</b>
<b>50 pounds</b>	<b>(22.68 kilograms)</b>



**Manufactured By:  
HACCO, Inc.  
110 Hopkins Drive  
Randolph, WI 53956 U.S.A.**

**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 water-proof 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 gloves before removing. 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.

<b>FIRST AID</b>	
<b>HAVE LABEL WHEN OBTAINING TREATMENT ADVICE</b>	
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center, or doctor, or <b>1-800-498-5743</b> 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, or <b>1-800-498-5743</b> 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 <b>1-800-498-5743</b> immediately for treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN</b>	
<p>If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K<sub>1</sub>, intramuscularly or orally. Repeat as necessary based on monitoring of prothrombin times.</p>	
<b>TREATMENT FOR PET POISONING</b>	
<p>If animal eats bait, call veterinarian or <b>1-800-498-5743</b> at once.</p>	
<b>NOTE TO VETERINARIAN</b>	
<p><b>Anticoagulant Diphacinone:</b> For animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), give Vitamin K<sub>1</sub>.</p>	
<p><b>For 24-hour emergency information on this product, call 1-800-498-5743 (US &amp; Canada) or 1-651-523-0318 (all other areas).</b></p>	

## **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 intertidal areas below the mean high water mark. Do not allow bait to be exposed on soil surface. Do not contaminate water when disposing of equipment wash water or rinsate.

## **ENDANGERED SPECIES CONSIDERATION**

**Notice:** The use of this product may pose a hazard to Federally designated endangered/threatened species. It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species. Consult the nearest U.S. Fish and Wildlife Service regional office or the appropriate State Agency for current information on habitats occupied by endangered species.

### **Whooping Crane (*Grus americana*)**

Do not use this product in habitats occupied or occasionally visited by whooping cranes during the period from 30 days before the expected arrival of cranes to 30 days after the time of their usual departure.

### **Black-footed Ferret (*Mustela nigripes*)**

Do not use this product within 7 kilometers (4.34 miles) of any prairie dog town to limit risks to the black-footed ferret from exposure to Diphacinone or destruction of its prey base, unless the colony is an isolated black-tailed prairie dog town less than 80 acres in size or an isolated white-tailed prairie dog town less than 200 acres in size, or unless the town had been appropriately surveyed, using methods acceptable to the U.S. Fish and Wildlife Service, and found by the FWS not to be suitable site for ferret reintroductions.

### **Gray Wolf (*Canis lupus*) and Grizzly Bear (*Ursus actos horribilus*)**

Unless the local U.S. Fish and Wildlife Service office has determined that there are no gray wolves or grizzly bears in the general vicinity of bait applications in Montana and Wyoming, do not apply this product outdoors within occupied habitat of these species.

### **Attwater's Greater Prairie Chicken (*Tympanuchus cupido attwateri*)**

Do not use this product in the present occupied range of the Attwater's Greater Prairie Chicken in the following counties: Aransas, Austin, Brazoria, Colorado, DeWitt, Ft. Bend, Galveston, Goliad, Hams, Refugio, Victoria, Waller, and Wharton (Texas).

### **Yellow-Shouldered Blackbird (*Agelaius xanthomus*) and Puerto Rican Plain Pigeon (*Columba inornata wetmorei*)**

This product must not be used in the following areas in Puerto Rico except in tamper resistant bait boxes:

- (1) within 6.3 miles (10 kilometers) of Central Aquirre, Lago Cidra, Ceiba, San German
- (2) within 9.4 miles (15 kilometers) of La Esperanza, south of Highway 2 from city of Mayaguez to the city of Ponce and all Mona Island

### **Utah Prairie Dog (*Cynomys parvidens*)**

Do not use this product in critical habitat of the Utah Prairie Dog (Utah).

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

Do not use this product in critical habitat within 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 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)

**Tipton Kangaroo Rat (*Dipodomys nitratooides nitratooides*)**

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 nitratooides 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)

**Stephan's 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)

**San Bernardino Kangaroo Rat (*Dipodomys merriami parvus*)**

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

**Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*)**

Do not use this product within 0.5 miles in critical habitat of the Northern Idaho Ground Squirrel in Adams and Valley counties, Idaho.

### **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.

**IMPORTANT:** Do not expose children, pets or other non-target animals to rodenticides. To help to prevent accidents:

### **STRUCTURES AND TERRESTRIAL, NONFOOD/ NONFEED AREAS FOR NORWAY RAT, ROOF RAT AND HOUSE MOUSE CONTROL**

**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 hooved 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.

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

### **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 of 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.

#### ***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 and/or 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 observed. Protect bait from rain or snow. Remove as much alternative food as possible.

**APPLICATION DIRECTIONS:** Wear waterproof gloves.

**Norway Rats and Roof Rats:** Place 4 to 16 oz. of bait per placement. Place bait at 15- to 30-foot intervals. Maintain an uninterrupted supply of fresh bait for at least 10 days or until signs of rat activity cease.

**House Mice:** Apply ¼ to ½ oz. (1-2 level tablespoons) of bait at 8- to 12-foot intervals. Larger placements (up to 2 oz.) may be needed at points of very high mouse activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until signs of mouse activity cease.

**Follow-Up:** Replace contaminated or spoiled bait immediately. Wearing waterproof gloves, collect and dispose of all dead rodents and leftover bait properly. To prevent reinfestation, limit sources of rodent food, water, and harborage as much as possible. Where a continuous source of infestation is present, maintain permanent bait stations and replenish with census or toxic bait as needed.



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

**USE RESTRICTIONS:** For control of pine and meadow voles in pome fruit (apples, pears) and stone fruit (peaches, nectarines) tree orchards in these states. Aerial application is only permitted in those following states where aerial is listed next to the state name.

Connecticut	Michigan/aerial
Georgia	Missouri
Idaho/aerial	Montana/aerial
Massachusetts	North Carolina
New Hampshire	South Carolina
Ohio/aerial	Utah/aerial
Oregon/aerial	Virginia/aerial
Pennsylvania/aerial	Vermont/aerial
Washington/aerial	West Virginia/aerial

**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 crops unspecified above.

**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 1-1/2 oz. of bait in each active hole, trail, or runway at each tree site (10 lbs/acre). Cover each placement with grass or shingle to avoid exposing nontarget organisms.

**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 lb of bait per acre for Pine Voles and 10 lb of bait per acre 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**

**USE RESTRICTIONS:** For control of pine and meadow voles in Nut Orchards in the following states:

Idaho	Ohio	Montana
Oregon	Washington	

**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**

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

Georgia	Michigan	Missouri
North Carolina	South Carolina	Washington

**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.

**Paper Containers:** Dispose of empty container by placing in trash, at an approved waste disposal facility or by incineration.

**Fiber Box with Plastic Bag Liner:** Completely empty bag into application equipment by shaking and tapping sides and bottom of bag. Then dispose of empty bag in a sanitary landfill or by incineration. If box is contaminated and cannot be reused, dispose of in the same manner.

**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.

**OR**

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### **LIMITED WARRANTY**

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To the extent permitted by applicable law, Neogen Corporation makes no warranty concerning uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label. To the extent permitted by applicable law, Neogen Corporation shall not be liable for (1) any consequential, incidental or special damages related in any way to this product or its uses, or (2) any damages related in any way to resistance to pesticides.

OR

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

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**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

To the extent permitted by applicable law Manufacturer and Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law this warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Manufacturer, and Buyer and User assume the risk of any such use. To the extent permitted by applicable law, MANUFACTURER AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent permitted by applicable law, in no event shall Manufacturer or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF THE MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Manufacturer and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Manufacturer.

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

**Alternate Brand Names:**

Ramik® Brown kills rats and mice

**Optional Marketing Statements / Graphics:**

Code (RR.RO) RR.RO.

Ramik® is a Registered Trademark of HACCO, Inc.  
HACCO, Inc. is a wholly-owned subsidiary of Neogen Corporation.

kills rats and mice  
kills voles

Manufactured in the U.S.A.  
<American Flag Graphic>



Company Logos



or



Rat Graphic

