

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060.

<b>EPA</b>	United States Environmental Protection Agency	<input type="checkbox"/> Registration	OPP Identifier Number  <b>279847</b>
	Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	
<b>Application for Pesticide:</b>		<b>Notification</b>	

Section I

1. Company/Product Number 61282-20	2. EPA Chemical Manager Dan Peacock	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Zinc Phosphide Corn Bait	PM# 4	
5. Name and Address of Applicant (Include ZIP Code)  HACCO, Inc. PO Box 7190 Madison, WI 53707	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 _____	
<input type="checkbox"/> Check if this is a new address		

Section II

<input type="checkbox"/> Amendment - Explain Below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b>  <b>OCT 17 2002</b>
<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	

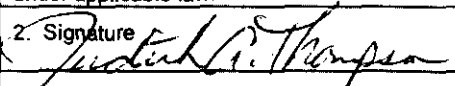
Explanation: Use additional page(s) if necessary. (For Section I and Section II).

Pursuant to PR-Notice 98-10, we are hereby notifying the Agency of a change to our "Notice of Warranty."

Section III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No  <i>*Certification must be submitted.</i>	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If "Yes," Unit Package Wt.      No. Per Container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If "Yes," Package Wt.      No. Per Container	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)      Cardboard box
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container 10, 25, 50, 100, 150, 200 lbs.	5. Location of Label Directions <input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product
6. Manner In Which Label Is Affixed To Product <input checked="" type="checkbox"/> Lithograph      Other ( _____ ) <input checked="" type="checkbox"/> Paper Glued <input type="checkbox"/> Stenciled			

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Judith A. Thompson	Title Registration Manager	Telephone No. (Include Area Code) (608) 221-7378
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature 	3. Title Registration Manager, Rodenticides	
4. Typed Name Judith A. Thompson	5. Date October 10, 2002	

# HACCO, INC.



**Manufacturing Plant**  
110 Hopkins Drive  
Randolph, WI 53956-1316  
(920) 326-5141  
FAX (920) 326-5135

**Registration Office**  
P.O. Box 7190 (53707)  
5900 Monona Dr.  
Water Tower Place, Suite 200  
Madison, WI 53716  
(608) 221-6200 • FAX (608) 221-7380

October 10, 2002

Document Processing Desk (NOTIF)  
Office of Pesticide Programs – H7504C  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

**Airborne**  
8718809595

RE: Zinc Phosphide Corn Bait/EPA Reg. No. 61282-20

Gentlemen/Ladies:

Pursuant to PR-Notices 98-10, we are hereby notifying the Agency of a change to our “Notice of Warranty.”

Following is my statement as required by PR-notice 98-10:

“On behalf of HACCO, Inc, I certify that this notification is consistent with the provisions of PR-Notice 98-10 and EPA regulations at 40 CFR 152.46, and 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 statement to the EPA. I further understand that if this notification is not consistent with terms of PR-Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement actions and penalties under Sections 12 and 14 of FIFRA.

In compliance with the PR-Notice regarding notifications, enclosed is a copy of the “before” labeling and “after” labeling.

If you should have any questions regarding this matter, please do not hesitate to contact me at 608-221-7378.

Sincerely,

Judith A. Thompson  
Registration Manager, Rodenticides

Enclosures

cc: Jane Millman (w/copy of Notification and the “before” & “after” labels)  
Dan Peacock (w/copy of Notification and the “before” & “after” labels)

**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.

# ZINC PHOSPHIDE CORN BAIT

For spot treatment in and around buildings, orchards and groves, vineyards, sugarcane fields, rangeland and noncrop areas. For broadcasting by ground spreader or aircraft in non-bearing orchards, sugarcane fields and specified noncrop areas. For broadcasting by ground spreader in vineyards.



**"AFTER"  
BAG LABEL**

ACTIVE INGREDIENT  
Zinc Phosphide  
INERT INGREDIENTS

200  
500  
TOTAL 1000

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

### STATEMENT OF PRACTICAL TREATMENT

Any persons applying zinc phosphide products and experiencing signs and symptoms such as nausea, abdominal pain, tightness in the chest, or weakness, should be seen by a physician immediately. **IF SWALLOWED:** Immediately call a Poison Control Center or physician, or transport the patient to the nearest hospital. Do not drink water. Do not administer anything by mouth or make the patient vomit unless advised to do so by a physician. **IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists. **IF ON SKIN:** Remove contaminated clothing and wash affected areas with soap and water.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Keep away from humans, domestic animals and pets. May be fatal or harmful if swallowed. Avoid eye or skin contact. Wear rubber gloves when handling this product. Do not breathe dust. Avoid contamination of feed or foodstuffs. Avoid contact with acids. Store in a dry place. Do not store around the home. Wash all utensils, spoons or measuring devices thoroughly after using.

### ENVIRONMENTAL HAZARDS

This product is toxic to wildlife and fish. Birds and other wildlife feeding on treated bait may be killed. Do not apply to open ground, roads and areas in which no vegetation occurs. Pick up and properly dispose of all spilled toxic bait. 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. Do not apply where runoff from this product will enter an aquatic system. Do not contaminate water when disposing of equipment washwaters. Check for and dispose of excess or spoiled bait and carcasses daily until the bait is expended or is removed.

### 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.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Keep dry. Protect from direct contact with water or excessive moisture. Store in a well ventilated area not accessible to children, pets, domestic animals or wildlife. Keep away from heat and open flame. Once opened, do not store bag for prolonged period. In case of puncture, use overslip bag and securely close. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

See attached booklet for additional precautionary statement, re-entry and directions for use. Do not use this product unless attached booklet has been read.

### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**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.

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. 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. **MANUFACTURER AND SELLER MAKE NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE. 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. 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 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 of liability, which may not be modified except by written agreement signed by a duly authorized representative of Manufacturer.**

Code (RN/OU) 1 2 3 4 5 6 7 8 9 (E/OL)  
081508

Manufactured By:  
**HACCO, Inc.**  
P.O. Box 7190, Madison, WI 53707 U.S.A.

EPA Reg. No. 61282-20  
EPA Est. No. 61282-WI-1

**NET CONTENTS 50 LBS. (22.68 KILOS)**

CONDITIONS OF SALE AND LIMITATION  
OF WARRANTY AND LIABILITY

**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.

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. 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. 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.

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. 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 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 of liability, which may not be modified except by written agreement signed by a duly authorized representative of Manufacturer.

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**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 CERTIFI-  
CATION.

**ZINC PHOSPHIDE  
CORN BAIT**

For spot treatment in and around buildings, orchards and groves, vineyards, sugarcane fields, rangeland and noncrop areas. For broadcasting by ground spreader or aircraft in non-bearing orchards, sugarcane fields and specified noncrop areas. For broadcasting by ground spreader in vineyards.

ACTIVE INGREDIENT:  
Zinc Phosphide ..... 2.0%  
INERT INGREDIENTS: ..... 98.0%  
TOTAL 100.0%

EPA Reg. No. 61282-20

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

Any persons applying zinc phosphide products and experiencing signs and symptoms such as nausea, abdominal pain, tightness in the chest, or weakness, should be seen by a physician immediately. **IF SWALLOWED:** Immediately call a Poison Control Center or physician, or transport the patient to the nearest hospital. Do not drink water. Do not administer anything by mouth or make the patient vomit unless advised to do so by a physician. **IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists. **IF ON SKIN:** Remove contaminated clothing and wash affected areas with soap and water.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Keep away from humans, domestic animals and pets. May be fatal or harmful if swallowed. Avoid skin contact. Wear rubber gloves when handling this product. Do not breathe dust. Avoid contamination of feed or foodstuffs. Avoid contact with acids. Store in a dry place. Do not store around the home. Wash all utensils, spoons, or measuring devices thoroughly after using.

See other panels for additional precautionary statements and directions for use.

MANUFACTURED BY  
M&CCO, INC  
P.O. BOX 7190  
MADISON, WI 53707

"After" Booklet Label

NOTIFICATION

OCT 17 2002

4/17

applications only. (Includes use in lawns, golf courses, noncrop areas and alfalfa.)

**HANDBAITING:** Burrowing pocket gophers throw out low fan-shaped runways on either side of their underground tunnel. To locate main runways, use a gopher probe, metal rod, or other suitable implement to probe the ground 5 to 18 inches away from mounds. Resistance on the probe will drop suddenly and probe will fall about two inches when main runway is entered. Using a long-handled spoon or mechanical probe, drop one teaspoon of bait into the runway. Carefully cover the hole with soil, a rock, or soil to exclude light. Take care not to cover bait with soil. Place bait at 2-5 locations per burrow system. Recover and bury all spilled bait.

**BURROW BUILDER:** Follow manufacturer's instructions for using the equipment. Apply 2-3 pounds of bait per acre by dropping teaspoon quantities of bait every 4-8 feet within rows. Space rows at 20-to 30-foot intervals.

**KANGAROO RATS IN RANGELAND & NONCROP AREAS**  
**USE RESTRICTIONS:** For control of the Ord's kangaroo rat (*Dipodomys ordii*), Banner-tailed kangaroo rat (*D. spectabilis*), and Merriam's kangaroo rat (*D. merriami*) in rangeland vegetation and noncrop areas.

**HAND BAITING:** Place one tablespoon of bait at 2 locations on opposite sides of mounds. Attempt to place bait in feeding runs near the entrance to burrows.

#### CALIFORNIA GROUND SQUIRRELS IN NONCROP RIGHTS-OF-WAY

**USE RESTRICTIONS:** For control of California ground squirrels (*Spermophilus beecheyi*) on noncrop rights-of-way next to canal and ditch banks and other noncrop borders during late spring and summer. Do Not apply on roads, near residential areas, over water, or where plants are grown for food or feed. Consult local, state and federal game authorities before use to insure this product is used in accordance with regulations.

**PREBAITING:** To increase acceptance of bait by ground squirrels, broadcast six pounds of untreated cracked corn per acre along rights-of-way 2-3 days prior to using toxic bait.

**BAITING:** Broadcast bait in a 10-15 foot swath along rights-of-way, using hand or ground-driven dispensing devices. Do Not exceed six pounds per acre. Do not treat any area more than once per year. When applying next to canals, apply only to the canal right-of-way between the base of the levee and adjacent properties. Do not treat the canal and levee. Dispose of excess bait from application equipment by burial.

#### HAND BAITING IN NONCROP AREAS Such as Lawns, Ornamentals, Golf Courses, Parks and Nurseries

**USE RESTRICTIONS:** For control of Meadow, Prairie and Pine voles (*Microtus spp.*), Thirteen-lined ground squirrels (*Spermophilus tridecemlineatus*), California ground squirrels (*S. beecheyi*), Columbian ground squirrels (*S. columbianus*) and Richardson's ground squirrels (*S. richardsonii*). Do Not apply on roads, over water or where plants are grown for food or feed.

**PREBAITING:** To increase acceptance of treated bait by ground squirrels, prebait with one teaspoon of untreated cracked corn around each active burrow 2-3 days prior to using toxic bait.

**HAND BAITING:** Apply one teaspoon of bait around each active burrow or runway. Allow bait to fall through grass to ground surface but do not apply to bare ground. Do not place bait in piles.

#### IN AND AROUND BUILDINGS

**IMPORTANT:** Do not expose children, pets, or other nontarget 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 nontarget 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 bait stations are needed in areas open to holed 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:** For control of Norway rats (*R. norvegicus*), Roof rats (*R. rattus*), and house mice (*Mus musculus*) in and around homes, industrial, agricultural buildings, and similar man-made structures.

Do not place bait in areas where there is a possibility of contaminating food or surfaces that come in direct contact with food. Do not broadcast bait.

**SELECTION OF TREATMENT AREAS:** Determine areas where rats or mice will most likely find and consume the bait. Generally, these 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:** Apply 1 to 2 teaspoon amounts of bait per placement.

Maintain an uninterrupted supply of fresh bait for at least 10 days.

**MICE:** Apply 1 teaspoon amount of bait at 8- to 12-foot intervals.

Maintain an uninterrupted supply of fresh bait for at least 15 days.

**RATS AND MICE:** Replace contaminated or spoiled bait immediately. Collect and dispose of all dead animals and leftover bait properly. To prevent 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.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Keep dry. Protect from direct contact with water or excessive moisture. Store in a well ventilated area not accessible to children, pets, domestic animals or wildlife. Keep away from heat and open flame. Once opened, do not store bag for prolonged period. In case of puncture, use overslip bag and securely close.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## ENVIRONMENTAL HAZARDS

This product is toxic to wildlife and fish. Birds and other wildlife feeding on treated bait may be killed. Do not apply to open ground, roads and areas in which no vegetation occurs. Pick up and properly dispose of all spilled toxic bait. 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. Do not apply where runoff from this product will enter an aquatic system. Do not contaminate water when disposing of equipment washwaters. Check for and dispose of excess or spoiled bait and carcasses daily until the bait is expended or is removed.

## ENDANGERED SPECIES CONSIDERATIONS

NOTICE: The killing of a member of an endangered species during Zinc Phosphide baiting operations may result in a fine and/or imprisonment under the Endangered Species Act. All users of this product must determine whether endangered species are known to occur or might occur in the intended use areas. 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. Use of this product is subject to limitations set forth below for the purpose of protecting endangered species.

**Aleutian Canada goose (*Branta canadensis leucoparia*)**  
Do not use this product from October to March in the Federally closed goose hunting areas in the state of California. See current Duck and Goose Hunting game laws for current map.

Do not use this product outdoors within 100 yards of the occupied habitats of the following endangered animals:

**Alabama beach mouse (*Peromyscus polionotus ammobates*)** in Baldwin County, Alabama;

**Anastasia Island beach mouse (*P. p. phasma*)** on Anastasia Island, St. John's County, Florida;

**Choctawhatchee beach mouse (*P. p. allophrys*)** in Walton and Bay Counties, Florida;

**Perdido Key beach mouse (*P. p. trissyllepsis*)** in Baldwin County, Alabama, and in Escambia County, Florida;

**Southeastern beach mouse (*P. p. niveiventris*)** in Volusia and St. Lucie Counties, Florida;

**Key Largo cotton mouse (*P. gossypinus allapaticola*)** on Key Largo, Monroe County, Florida;

**Key Largo woodrat (*Neotoma floridana smalli*)** on Key Largo, Monroe County, Florida;

**Amargosa vole (*Microtus californicus scirpensis*)** in Inyo County, California;

**Florida salt marsh vole (*M. pennsylvanicus dukecampbelli*)** in the Waccasassa Bay area in Levy County, Florida;

**Hualapi Mexican vole (*M. mexicanus hualapaiensis*)** in Mohave County, Arizona;

**Fresno kangaroo rat (*Dipodomys nitratoides exilis*)** in Fresno and Merced Counties, California;

**Giant kangaroo rat (*D. ingens*)** in Merced, Fresno, Kings, Tulare, Kern, San Luis Obispo, and Santa Barbara Counties, California;

**Morro Bay kangaroo rat (*D. heermanni morroensis*)** in San Luis Obispo County, California;

**Stephen's kangaroo rat (*D. stephensi*)** in Riverside, San Diego, and San Bernardino Counties, California;

**Tipton kangaroo rat (*D. n. nitratoides*)** in Kings, Tulare, Kern, and Fresno Counties, California;

**Salt marsh harvest mouse (*Reithrodontomys raviventris*)** in Marin, Sonoma, Napa, Solano, Contra Costa, Alameda, San Mateo, and San Francisco Counties, California;

**Silver rice rat (*Oryzomys palustris natator*, aka *O. argentatus*)** on Big Torch, Johnston, Middle Torch, Raccoon, Saddlebunch, Little Pine, Summerland, and Water Keys in Monroe County, Florida;

**Point Arena mountain beaver (*Aplodontia rufa nigra*)** in Mendocino County, California;

**Delmarva Peninsula fox squirrel (*Sciurus niger cinereus*)** on the Delmarva Peninsula in Delaware, Maryland, and Florida; and

**Lower Keys rabbit (*Sylvilagus palustris hefneri*)** on Sugarloaf, Welles, Annette, Hopkins, Geiger, Boca Chica, and Big Pine Keys in Monroe County, Florida.

Do not use this product outdoors within 100 yards of occupied habitats of the following organisms, unless the bait is used in tamper-resistant bait stations capable of excluding the endangered animal in question:

**Attwater's greater prairie chicken (*Tympanuchus cupido attwateri*)** in Austin, Fort Bend, Galveston, and Refugio Counties, Texas;

**Nene (Hawaiian goose, *Nesochen sandvicensis*)** on the islands of Hawaii, Kauai, and Maui; and

**Mariana crow (*Corvus kuberyi*)** on Guam.

Do not use this product outdoors within the occupied habitats of the following endangered animals:

**Carolina northern flying squirrel (*Glaucomys sabrinus col-oratus*)** in North Carolina and Tennessee; and

**Utah prairie dog (*Cynomys parvidens*)** in Garfield, Iron, Kane, Wayne, Sevier, and Piute Counties, Utah.

Do not use this product outdoors within the occupied habitats of the following organisms, unless the bait is used in tamper-resistant bait stations capable of excluding the endangered animal in question:

**Louisiana black bear (*Ursus americanus luteolus*)** in Louisiana and Mississippi;

**San Joaquin kit fox (*Vulpes macrotis mutica*)** in Alameda, Contra Costa, Fresno, Kern, Kings, Merced, Monterey, San Benito, San Joaquin, San Luis Obispo, Santa Barbara, Santa Clara, Stanislaus, or Tulare Counties, California;

**Alala (Hawaiian crow, *Corvus hawaiiensis*)** on the island of Hawaii;

**Mississippi sandhill crane (*Grus canadensis pulla*)** in Jackson County, Mississippi;

**Puerto Rican plain pigeon (*Columba inornata wetmorei*)** in Puerto Rico;

**Yellow-shouldered blackbird (*Agelaius xanthomus*)** in Puerto Rico; and

**San Clemente sage sparrow (*Amphispiza belli clementeae*)** on San Clemente Island, California.

Do not use in habitats occupied or occasionally visited by whooping cranes (*G. americana*) during the period from 30 days before the expected arrival of cranes to 30 days after the time of their usual departure, unless the bait is applied in tamper-resistant bait stations that appear to be capable of excluding cranes.

Do not use this product within 7 kilometers (4.34 miles) of any prairie dog town to limit risks to the black-footed ferret (*Mustela nigripes*) from exposure to Zinc Phosphide 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 or Gunnison prairie dog town less than 200 acres in size, or unless the town has been appropriately surveyed, using methods acceptable to the U.S. Fish and Wildlife Service (FWS), and found not to contain black-footed ferrets and found by the FWS not to be a suitable site for ferret reintroductions.

To protect the Hawaiian coot (*Fulica americana ala*) and the Hawaiian duck (*Anas wyvilliana*) do not use this product within 100 yards of any water or wetland on or adjacent to any golf course or turf farm on the islands of Kauai, Oahu, or Maui, unless the bait is in a tamper-resistant bait station believed to be capable of excluding these birds.

Unless the local FWS office has determined that there are no gray wolves (*Canis lupus*) or grizzly bears (*Ursus arctos horribilis*) in the general vicinity of bait applications in Arizona, Colorado, Idaho, Michigan, Minnesota, Montana, New Mexico, Oregon, Wisconsin and Wyoming, do not apply this product outdoors within the occupied habitat of these species, unless the bait is applied in tamper-resistant bait stations capable of excluding these species.

## 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.

## RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing until dusts have settled. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Written or oral precautions must be given to workers engaged in agricultural hand labor who are expected to be in a treated area or in an area about to be treated with this product. Written or oral precautions must include the following information:

**CAUTION:** area treated with zinc phosphide on (date of application). Do not enter treated area the day of application without protective clothing and gloves. Protective clothing at a minimum should include clean long pants, long sleeved shirt, shoes and socks. For accidental exposure, see Statement of Practical Treatments. Oral precautions must be given if there is reason to believe that written precautions cannot be understood by workers. When oral precautions are given, precautions shall be given in a language customarily understood by workers.

6/7

**LIMITATIONS**

The Following Limitations apply to the Agricultural Areas listed on this label: Bait must not be applied on roads, near residential areas, or over water. Do not broadcast over growing crops other than sugarcane. Apply bait on warm, clear days. Do not graze animals in treated areas.

**GRAPE VINEYARDS**

**USE RESTRICTIONS:** For control of Meadow, Prairie and Pine voles (*Microtus spp.*), White-footed mice (*Peromyscus spp.*), and Meadow jumping mice (*Zapus spp.*). Do not broadcast bait over growing crops when the bait may lodge on the plant. Do not apply to bare ground.

**BROADCAST BAITING:** Broadcast bait evenly on the ground between the rows by cyclone seeder or by hand (wear rubber gloves during hand broadcast operation). Apply bait at a rate of 6-10 pounds per acre. Do not apply by air.

**MACADAMIA NUT ORCHARDS**

**USE RESTRICTIONS:** For control of Roof rats (*Rattus rattus*) in Macadamia Nut orchards.

**SPOT TREATMENT:** Baits may be placed in bait stations on the ground or in stations in trees. Place 1-2 teaspoons of bait in stations at the base of each tree and in each station in trees. Uneaten bait must be removed from trees prior to shaker harvest or from ground prior to mechanized harvest. Orchards may be treated up to 30 days prior to harvesting.

**BURROW TREATMENT:** Place 1-2 teaspoons of bait in each burrow. No preharvest interval is required, provided nuts are not retrieved from burrows.

**BROADCAST BAITING:** Broadcast at the rate of five (5) pounds of bait per acre in orchard using a ground device or by hand. Aircraft may be used to treat adjacent noncrop areas if recommended and supervised by the Hawaii Dept. of Health. The number of applications shall not exceed four (4) per year. The total amount of bait applied shall not exceed 20 pounds per acre per year.

**NURSERY STOCK**

**ORNAMENTAL AND NOT-BEARING FRUIT TREES**

**USE RESTRICTIONS:** For control of Meadow, Prairie and Pine voles (*Microtus spp.*) in ornamental and non-bearing nursery stock.

**BROADCAST BAITING:** Under infested nursery stock and/or non-bearing fruit trees broadcast evenly by cyclone seeder or by hand (wear rubber gloves during hand broadcast operations). Concentrate in areas with the heaviest vegetation cover. Do not broadcast bait on bare ground. Apply at a rate of 6-10 pounds per acre.

**HAND BAITING:** Near the base of infested stock, place teaspoon quantities of bait in 2-4 locations, either on surface trails or at the mouths of holes leading to underground burrow systems. Do not allow bait to be exposed on bare ground. Do not disturb the runway system. Bait at a rate of 2-3 pounds per acre of infested stock.

**ORCHARDS & GROVES**

**USE RESTRICTIONS:** For control of Meadow, Prairie and Pine voles (*Microtus spp.*) in orchards and groves. This product is to be applied during the dormant season. Apply bait after harvest while the orchard or grove is in a non-bearing phase. Do not apply to bare ground.

**SPOT OR TRAIL BAITING:** Place 1 teaspoon of bait in surface trails or at the mouths of holes leading to underground burrow systems. Two to four bait spots should be made near the base of each infested tree. Do not disturb the runway system, and cover bait by pulling overhanging grass back in place. Use 2 to 3 lbs. bait per acre.

**BAIT PLACEMENT STATION:** Establish two stations per tree (or establish 320 stations uniformly per acre) 2-3 months prior to the baiting period by placing rectangular pieces (at least 15" x 15") of asphalt shingles, fiberboard rays, wood or metal at the tree dripline. At time of baiting, place 1-2 level tablespoons under each station. Bait should be applied at the rate of 6 to 10 pounds per acre.

**TRAILBUILDER:** Drop teaspoon quantity of bait at 4-5 foot interval in the artificial trail made by the machine just inside the drop line on both sides of the trees. Apply at the rate of 2-3 pounds per acre.

**BROADCAST BAITING:** This product may be broadcast by aircraft, cyclone seeder, or by hand. When applying by hand (wear rubber gloves during hand broadcast operations), throw tablespoon amounts into heavy cover along tree rows, rock outcrops, and fence lines. Bait should be applied at the rate of 6 to 10 pounds per acre.

**RANGELAND**

**USE RESTRICTIONS:** For control of Black-tailed prairie dogs (*Cynomys ludovicianus*), White-tailed prairie dogs (*C. leucurus*), and Gunnison's prairie dogs (*C. gunnisoni*) on rangeland in Arizona, Colorado, Kansas, Montana, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, Utah and Wyoming. Before baiting for prairie dogs, contact the nearest U.S. Fish and Wildlife Service office to determine whether a Black-footed ferret survey is required.

**PREBAITING:** To increase acceptance of treated bait by prairie dogs, prebait with one teaspoon of untreated cracked corn per mound, one or two days prior to using toxic bait.

**BAITING:** After all or most of the prebait has been eaten, apply bait only to areas where prebait was consumed. Apply bait by hand as a six-inch bait spot on edge of each mound or in adjacent feeding area. Apply at the rate of one teaspoon per bait spot, during late summer or fall (July-December). Do not apply more than once during this period. Dispose of spilled or squandered bait by burial.

**COLUMBIAN AND RICHARDSON'S GROUND SQUIRRELS**

**USE RESTRICTIONS:** For control of Columbian (*Spermophilus columbianus*) and Richardson's (*S. richardsonii*) ground squirrels on rangeland.

**PREBAITING:** To increase acceptance of treated bait by Columbian and Richardson's ground squirrels, prebait with one teaspoon untreated cracked corn as a six-inch bait spot on edge of each mound or in adjacent feeding area.

**BAITING:** Apply bait by hand as a six-inch bait spot on edge of each mound or in adjacent feeding area. Apply at the rate of one teaspoon per bait spot.

**SUGARCANE**

**USE RESTRICTIONS:** For control of Polynesian (*Rattus exulans*), Norway (*R. norvegicus*), Rice (*Oryzomys palustris*), Florida water (*Neofiber alleni*), Cotton (*Sigmodon hispidus*), and Roof rats (*R. rattus*) in sugarcane fields. Do not apply within 30 days of harvest. Do not apply to adjacent noncrop areas. The total number of applications must not exceed four per crop period, and the total amount of bait applied shall not exceed 20 pounds per acre.

**PREBAITING:** To increase acceptance of treated bait by rats, broadcast three pounds of untreated cracked corn per acre one or two weeks prior to using toxic bait.

**BROADCAST BAITING:** Apply five pounds of cracked corn bait per acre per treatment. Bait may be broadcast by aircraft, by ground-driven equipment, or by hand (wear rubber gloves during hand broadcast applications).

**MEADOW VOLES IN ALFALFA & TIMOTHY HAYFIELDS**

**USE RESTRICTIONS:** For control of Meadow voles (*Microtus pennsylvanicus*) in alfalfa and Timothy hayfields during the dormant season only. Bait must be placed in secured, tamper-resistant bait stations designed to prevent spillage or tracking of bait from the unit. Entrance holes in bait stations must be small enough that species larger than Meadow voles cannot enter. Place bait stations in areas where Meadow voles are foraging.

**BAITING:** Place at least four ounces of bait per bait station. Maintain an uninterrupted supply of bait until bait stations are removed from fields. Remove stations before plant growth resumes in spring.

**POCKET GOPHERS**

**USE RESTRICTIONS:** For control of the following pocket gophers: Plains (*Geomys bursarius*), Southeastern (*G. pinetis*), Yellow-faced (*Pappogeomys castanops*), and *Thomomys spp.* in subterranean