SIZE: 15X3.5X36 SOM BOTTOM SEWN

**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.

# Prozap®

# ZINC PHOSPHIDE PELLETS

For use in rangelands, pastures, alfalfa, timothy, barley, potatoes, wheat/triticale, sugar beets, sugarcane, grape vineyards, fruit tree orchards, nut tree orchards, citrus tree orchards, macadamia nut orchards, in and around buildings, and other sites to control the species listed in the use directions

**Active Ingredient:**
Zinc Phosphide ..... 2.0%
**Other Ingredients:** ..... 98.0%
**Total** ..... 100.0%

EPA Reg. No. 61282-49 EPA Est. No. 61282-WI-01

**KEEP OUT OF REACH OF CHILDREN**
**CAUTION**
*See back of bag for complete Directions for Use*

## FIRST AID

**HAVE LABEL WHEN OBTAINING TREATMENT ADVICE**
**If you experience signs and symptoms such as nausea, abdominal pain, tightness in chest, or weakness, see a physician immediately. For information on health concerns, medical emergencies, or pesticide incidents, call the National Pesticide Information Center at 1-800-858-7378.**

| | |
|---|---|
| **If Swallowed:** | • Call a poison control center, doctor, or **1-800-498-5743** immediately for treatment advice or transport the patient to the nearest hospital.<br>• Do not give **any** liquid to the patient.<br>• Do not administer anything by mouth.<br>• Do not induce vomiting unless told to do so by the poison control center or doctor. |
| **If on Skin or on Clothing:** | • Take off contaminated clothing.<br>• Rinse skin immediately with plenty of water for 15–20 minutes.<br>• Call a poison control center, doctor, or **1-800-498-5743** immediately for treatment advice. |
| **If Inhaled:** | • Move person to fresh air.<br>• If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.<br>• Call a poison control center, doctor, or **1-800-498-5743** immediately for treatment advice. |
| **If in Eyes:** | • Hold eye open and rinse slowly and gently with water for 15–20 minutes.<br>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.<br>• Call a poison control center, doctor, or **1-800-498-5743** immediately for treatment advice. |

**TREATMENT FOR PET POISONING**
If animal eats bait, call veterinarian at once.

**NOTE TO PHYSICIAN OR VETERINARIAN**
Contains the phosphine-producing active, Zinc Phosphide. Probable mucosal damage may contraindicate the use of gastric lavage. For animals ingesting bait and/or showing poisoning signs, induce vomiting by using hydrogen peroxide. Sodium bicarbonate can be given orally to neutralize the stomach acidity. The stomach and intestinal tract can be evacuated, oxygen administered, and cardiac and circulatory stimulants given. See inside booklet for additional Precautionary Statements.

**For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-601-323-0315 (all other areas).**

## PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**
**CAUTION:** Harmful if swallowed, absorbed through the skin, or inhaled. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with eyes, skin, or clothing.

**Personal Protective Equipment:**
All handlers, including loaders and applicators, must wear a long-sleeved shirt, long pants, shoes, socks, and barrier laminate gloves.
In addition, persons loading pellets or baits into aircraft or mechanical ground equipment and persons loading/applying with hand-pushed or hand-held equipment, such as a push-type spreader or cyclone spreader, must wear a NIOSH-approved particulate respirator, with any N, R, or P filter, with NIOSH approval number prefix TC-84A and protective eyewear.
Any person who retrieves carcasses or unused bait following application of this product must wear barrier laminate gloves.

**User Safety Requirements:**
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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 them. As soon as possible, wash hands thoroughly after applying 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 birds, fish, and other wildlife. Wildlife feeding on treated bait may be killed. Dogs, cats, and other predatory 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 apply where run-off is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

## 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 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 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 (FWS), and found by the FWS not to be suitable site for ferret reintroductions.

***Gray Wolf (Canis lupus) and Grizzly Bear (Ursus arctis horribilis)***
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 wetmore*)**
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 Aguirre, Lago Lidra, 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 ingens*)**
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 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 stephensi*)**
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

**RESTRICTED USE PESTICIDE**

**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 bait stations when they are lifted, units must be secured or otherwise immobilized. Even stronger bait stations are needed in areas open to footed 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 of 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.
***Inside Burrows***
This product may 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.
**SELECTION OF TREATMENT AREAS:** After removing as much alternative food as possible, determine dry, acid-free areas where rats 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 rats and mice or their signs have been observed.

**APPLICATION DIRECTIONS**
**RATS:** Apply 1 to 2 teaspoon amounts of bait per placement. For outdoor use, place bait in active rat burrows or tamper-resistant bait stations. Maintain an uninterrupted supply of fresh bait until all signs of feeding have stopped. Do not treat the same area at less than 30 day intervals.
**HOUSE MICE:** Apply 1 teaspoon amount of bait at each placement location. Space placements at 8- to 12-foot intervals. Larger placements up to 2 level teaspoons 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 no longer are signs of new feeding by house mice.
**FOLLOW-UP:** Using barrier laminate gloves, collect and properly dispose of all dead animals and excess bait properly in accordance with "Pesticide Disposal" instructions. Use detergent and hot water to wash spoons for application into burrows. Do not use spoons for mixing, holding, or transferring food or feed. To discourage reinfestation, limit sources of rodent food, water, and harborage as much as possible.

**USES ASSOCIATED WITH AGRICULTURAL SITES**

**Use Restrictions for all Agricultural Sites**
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Only protected handlers may be in the area during application.
- Keep all other persons out of the treated area during this application.
- Do not apply on roads, near residential areas, or over water.
- Do not broadcast over crops unless use directions specifically permit aerial application.
- Apply bait on warm clear days.

**Disposal of Spilled Bait, Leftover Bait**
**Information Applicable for All Agricultural Uses**
1. **Spilled and Excess Bait:** Wearing barrier laminate gloves, clean up any spilled bait immediately and collect excess bait from application equipment. If bait cannot be applied according to label directions, properly dispose of it according to the "Pesticide Disposal" text.
2. **Carcasses:** Wearing barrier laminate gloves, bury carcasses of ground squirrels (18 inches deep) in holes dug on site or in inactive burrows. Cover and pack with soil. Alternately, use other disposal methods that state and local authorities allow.

### FRUIT, NUT, CITRUS, AND AVOCADO TREE ORCHARDS

***VOLES AND WHITE-FOOTED MICE***
**USE RESTRICTIONS:** For control of Meadow (*Microtus pennsylvanicus*), Prairie (*M. ochrogaster*), Pine (*M. pinetorum*), California (*M. californicus*), Oregon (*M. oregoni*), Mountain (*M. montanus*), and Townsend's (*M. townsendi*) Voles and White-Footed Mice (*Peromyscus leucopus*) 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). Apply only after fall harvest (including drops), before new spring growth, and when no rain or snow is expected for three consecutive days. Do not graze animals in treated areas.
**HAND BAITING:** Place bait near base of each infested tree at 2-4 locations, either on surface trails or at the mouths of holes leading to underground burrow systems. Cover bait artificially (e.g., mats, boards) or by pulling overhanging grass over bait. Do not allow bait to be exposed on bare ground. Do not disturb the runway system. Apply 1 teaspoon amount (4 grams) per placement, 2 - 3 lb./A (0.04 - 0.06 lb. ai/A).
**TRAILBUILDER:** Set equipment to drop one teaspoon quantity of bait (4 grams) at 4-5 foot intervals 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 lb./A (0.04 - 0.06 lb. ai/A).
**GROUND BROADCAST:** Broadcast evenly by cyclone seeder or by hand. Concentrate in areas with heaviest vegetative cover. Do not broadcast on bare ground. Apply at the rate of 6 - 10 lb./A (0.12 - 0.2 lb. ai/A).
**AERIAL BROADCAST:** Do not broadcast on bare ground. Apply at the rate of 6 - 10 lb./A (0.12 - 0.2 lb. ai/A).

***GROUND SQUIRRELS***
**USE RESTRICTIONS:** For control of California ground squirrels (*Otospermophilus beecheyi*), Columbian (*Urocitellus columbianus*), and Richardson's ground squirrels (*Urocitellus richardsi*) 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). Apply only after fall harvest (including drops), before new spring growth, and when no rain or snow is expected for three consecutive days. Do not graze animals in treated areas.
**PREBAITING (Mandatory):** Prebait with untreated wheat to enhance acceptance by California, Columbian, and Richardson's ground squirrels. Apply the prebait at 6 lbs. per acre 1-2 days prior to using **Prozap Zinc Phosphide Pellets**.
**HAND BAITING:** Apply 4 grams (one teaspoon) of bait on the ground near active burrows.
**BAITING:** Treat once during treatment period. Broadcast bait using hand- or ground-driven dispensing devices, not to exceed 6 lbs. per acre (0.12 lb. ai/A). Dispose of excess bait from application equipment by burial.

(**DIRECTIONS FOR USE**, *continued on back*)

Prozap® ZINC PHOSPHIDE PELLETS

(**DIRECTIONS FOR USE**, *continued*)

### MACADAMIA NUT ORCHARDS, ADJACENT RIGHTS-OF-WAY, AND DITCH BANKS

***ROOF RATS***
**USE RESTRICTIONS:** For control of roof rats (*Rattus rattus*) in macadamia nut orchards, adjacent rights-of-way, and ditch banks. Do not graze animals in treated areas.
**SPOT TREATMENT:** Bait must be placed in bait stations 1) on the ground at tree bases, or 2) in trees. Place 1-2 teaspoons (4-8 grams) of bait per bait station. 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 a harvesting round.
**BURROW TREATMENT:** Place 1-2 teaspoons (4-8 grams) 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 (0.1 lb. ai/A) in orchards using a ground device or by hand. Aircraft may be used to treat adjacent non-crop areas if the Hawaii Dept. of Health recommends and supervises such applications. The number of applications shall not exceed four (4) per year. The total amount of bait applied shall not exceed 20 pounds per acre (0.4 lb. ai/A) per year.

### NON-BEARING NURSERY STOCK, CONIFER/CHRISTMAS TREE, POPLAR/COTTONWOOD, ORNAMENTAL, NON-BEARING FRUIT TREE, NON-BEARING NUT TREE, AND NON-BEARING CITRUS TREE PLANTATIONS

***VOLES***
**USE RESTRICTIONS:** For control of meadow voles, prairie voles, pine voles, California voles, Oregon voles, mountain voles, and Townsend's voles (*Microtus* spp.) in nursery stock, and conifer/Christmas tree, poplar/cottonwood, ornamental, and non-bearing fruit tree plantations, non-bearing nut tree, and non-bearing citrus tree plantations. Do not apply by air.
**BROADCAST BAITING:** Under infested nursery stock, conifer/Christmas trees, poplar/cottonwood trees, ornamental trees, non-bearing fruit trees, non-bearing nut trees, or non-bearing citrus trees, broadcast bait evenly by cyclone seeder or by hand. Concentrate in areas with the heaviest vegetative cover. Do not broadcast on bare ground. Apply at a rate of 6-10 lbs. per acre (0.12 - 0.2 lb. ai/A).
**HAND BAITING:** Near the base of infested nursery stock, conifer/Christmas trees, poplar/cottonwood trees, ornamental trees, non-bearing fruit trees, non-bearing nut trees, or non-bearing citrus trees, place teaspoonful quantities (4 grams) of bait at 2-4 locations, either on surface trails or at the mouths of holes leading to underground burrow systems. Cover bait artificially (e.g., mats, boards) or by pulling overhanging grass over bait.
Do not allow bait to be exposed on bare ground. Do not disturb the runway system. Bait at a rate of 2-3 lbs. per acre (0.04 – 0.06 lb. ai/A) of infested stock.

### NON-RESIDENTIAL LAWNS, ORNAMENTALS, GOLF COURSES, AND PARKS

***VOLES***
**USE RESTRICTIONS:** For control of meadow voles, prairie voles, pine voles, California voles, long-tailed voles, Oregon voles, mountain voles, and Townsend's voles (*Microtus* spp.) in lawns, ornamentals, golf courses, parks, and nurseries. Bait must not be applied on roads, over water, or where plants are grown for food or feed.
**HAND BAITING:** For voles, place teaspoonful quantities (4 grams) of bait, either on surface trails or at the mouths of holes leading to underground burrow systems. Cover bait artificially (e.g., mats, boards) or by pulling overhanging grass over bait. Allow bait to fall through to the ground surface, but do not apply bait to bare ground. Do not place bait in heaps or piles.
**BAIT STATIONS:** Place bait in tamper-resistant bait stations if children, pets, or non-target mammals or birds may access the bait.

***POCKET GOPHERS***
**USE RESTRICTIONS:** For control of plains pocket gophers (*Geomys bursarius*), southeastern pocket gophers (*G. pinetis*), yellow-faced pocket gophers (*Pappogeomys castanops*) 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 gophers' underground burrow systems, or into underground tunnels created by burrow-builder machines. Do not apply bait above ground.
**HAND 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 one teaspoon (4 grams) 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 five 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.
**BURROW BUILDER:** Follow manufacturer's instructions for the type of equipment used. Calibrate equipment to drop a teaspoon quantity (4 grams) of bait at 4-5 foot intervals in the artificial burrow made by the machine. Apply at a rate of 2-3 lbs. of bait per acre (0.04 – 0.06 lb. ai/A). Pick up and dispose of all spilled bait according to "Pesticide Disposal" instructions.

### ALFALFA

***VOLES***
**USE RESTRICTIONS:** For control of meadow voles, long-tailed voles, California voles, Oregon voles, mountain voles, and Townsend's voles (*Microtus* spp.) in alfalfa. All applications must occur shortly after a cutting of the hay, and/or prior to the next growth's attaining a length of 2 inches. Alfalfa forage from treated areas must not be harvested until it reaches maturity. This use is restricted to Montana, California, Idaho, Oregon, and Washington.
**BROADCAST BAITING:** This product may be broadcast by air or ground-driven dispensing devices. Apply at a rate of up to 10 lbs. per acre (0.2 lb. ai/A). For voles, make two applications per year separated by a minimum interval of 25 days. A maximum of 20 lbs. per acre (0.4 lb. ai/A) may be applied per year. Do not apply by air when wind velocity exceeds 10 mph. Do not apply in piles or permit piles to be formed by equipment.
***GROUND SQUIRRELS***
**USE RESTRICTIONS:** For control of California ground squirrels (*Otospermophilus beecheyi*), Columbian (*Urocitellus columbianus*), and Richardson's ground squirrels (*Urocitellus richardsi*) in alfalfa.
**PREBAITING (Mandatory):** Prebait with untreated wheat to enhance acceptance by California, Columbian, and Richardson's ground squirrels. Apply the prebait at 6 lbs. per acre 1-2 days prior to using **Prozap Zinc Phosphide Pellets**.
**BAITING:** Apply only underground or in bait stations. Apply bait at a rate of up to 6 lbs. per acre (0.12 lb. ai/A per acre). A second application may be made within 25 days, if required. The maximum application rate per year is 12 lbs. per acre (0.24 lb. ai/A). Apply post-harvest or during dormancy.

### TIMOTHY AND TIMOTHY / ALFALFA MIXTURES PRODUCED FOR HAY

***VOLES***
**USE RESTRICTIONS:** For control of meadow voles, long-tailed voles, California voles, Oregon voles, mountain voles, and Townsend's voles (*Microtus* spp.) in timothy and timothy/alfalfa mixtures. Do not apply by air. Do not apply to actively growing timothy or timothy/alfalfa mixtures. This use is restricted to California, Idaho, Oregon, and Washington. Do not apply to timothy or timothy/alfalfa mixtures within 60 days of harvest. Do not graze animals in treated areas.
**BROADCAST BAITING:** Broadcast bait by hand, cyclone seeder, or ground-driven dispensing devices. A maximum of 2 applications by ground may be made at the rate of 5 to 10 lbs. per acre (0.1-0.2 lb. ai/A), one in the fall after the last cutting and one in the spring when timothy and timothy/alfalfa mixtures are still dormant. Do not apply in piles or permit piles to be formed by equipment. A maximum of 20 lbs. (0.4 lb. ai/A) per acre may be applied annually.
***GROUND SQUIRRELS***
**USE RESTRICTIONS:** For control of California ground squirrels (*Otospermophilus beecheyi*), Columbian (*Urocitellus columbianus*), and Richardson's ground squirrels (*Urocitellus richardsi*) in timothy.
**PREBAITING (Mandatory):** Prebait with untreated wheat to enhance acceptance by California, Columbian, and Richardson's ground squirrels. Apply the prebait at 6 lbs. per acre 1-2 days prior to using **Prozap Zinc Phosphide Pellets**.
**BROADCAST BAITING:** Treat only once during treatment period. Broadcast bait using hand or ground-driven devices not to exceed 6 lbs. per acre (0.12 lb. ai/A per acre). Dispose of excess bait from application equipment according to "Pesticide Disposal" instructions.

### ALFALFA PRODUCED FOR SEED

***GROUND SQUIRRELS***
**USE RESTRICTIONS:** For control of California ground squirrels (*Otospermophilus beecheyi*), Columbian (*Urocitellus columbianus*), and Richardson's ground squirrels (*Urocitellus richardsi*) in alfalfa.
**BAITING:** Apply only underground or in bait station. Apply bait at a rate of up to 6 lbs. per acre (0.12 lb. ai/A per acre). A second application may be made within 25 days, if required. The maximum application rate per year is 12 lbs. per acre (0.24 lb. ai/A). Apply post-harvest or during dormancy.

### TIMOTHY PRODUCED FOR SEED

***VOLES***
**USE RESTRICTIONS:** For control of meadow voles, long-tailed voles, California voles, Oregon voles, mountain voles, and Townsend's voles (*Microtus* spp.) in timothy during the non-growing season. Do not apply by air. Do not apply to actively growing timothy or timothy/alfalfa or timothy/clover mixtures. A minimum of 158 days must pass between an application of **Prozap Zinc Phosphide Pellets** and any livestock foraging activity. This use is restricted to Idaho, Oregon, and the state of Washington. Do not graze animals in treated areas.
**BROADCAST BAITING:** This product may be broadcast by hand, cyclone seeder, or ground-driven dispensing devices at rates of up to 10 lbs. (0.2 lb. active ingredient) per acre during crop dormancy. A maximum of 20 lbs. per acre (0.4 lb. ai/A) may be applied annually.

### GRAPE VINEYARDS

***VOLES, DEER MICE, AND WHITE-FOOTED MICE***
**USE RESTRICTIONS:** For control of deer mice (*Peromyscus maniculatus*), white-footed mice (*P. leucopus*), Oldfield mice (*P. polionotus*, except for threatened or endangered subspecies), meadow voles, prairie voles and pine voles (*Microtus* spp.), and meadow jumping mice (*Zapus hudsonius*) in grape vineyards. Do not use this product in areas of Alabama and Florida that are occupied by threatened or endangered subspecies of the Oldfield mouse. Do not graze animals in treated areas.
**BROADCAST BAITING:** Broadcast bait evenly on the ground between the rows by cyclone seeder or by hand. Wear rubber gloves during hand-broadcast operations. Apply bait at a rate of 6-10 lbs. per acre (0.12-0.2 lb. ai/A). Do not apply by air.
***GROUND SQUIRRELS***
**USE RESTRICTIONS:** For control of California ground squirrels (*Otospermophilus beecheyi*), Columbian (*Urocitellus columbianus*), and Richardson's ground squirrels (*Urocitellus richardsi*) in grape vineyards.
**PREBAITING (Mandatory):** Prebait with untreated wheat to enhance acceptance by California, Columbian, and Richardson's ground squirrels. Apply the prebait at 6 lbs. per acre 1-2 days prior to using **Prozap Zinc Phosphide Pellets**.
**BROADCAST BAITING:** Broadcast bait evenly on the ground between the rows by cyclone seeder or by hand. Wear rubber gloves during hand-broadcast operations. Apply bait at a rate of 6-10 lbs. per acre (0.12-0.2 lb. ai/A). Do not apply by air.

### RANGELANDS, PASTURES, ADJACENT RIGHTS-OF-WAY, AND DITCH BANKS

***KANGAROO RATS***
**USE RESTRICTIONS:** This product may only be used to control Ord's kangaroo rat (*Dipodomys ordii*), Banner-tailed kangaroo rat (*D. spectabilis*), and Merriam's kangaroo rat (*D. merriami*) in rangelands, pastures, adjacent rights-of-way, and ditch banks.
**HAND BAITING:** Place one tablespoon (12 grams) of bait at 2 locations on opposite sides of mounds in feeding runs within 3 ft. of active burrow entrances.
***PRAIRIE DOGS***
**USE RESTRICTIONS:** This product may only be used to control black-tailed prairie dogs (*Cynomys ludovicianus*) and white-tailed prairie dogs (*C. leucurus*) on rangelands and pasturelands in the States of Arizona, Colorado, Kansas, Montana, Nebraska, New Mexico, North Dakota, Oklahoma, South Dakota, Texas, Utah, and Wyoming during the period from July of one year to February of the next year. Only one application within this period is permitted in Kansas, Montana, Nebraska, North Dakota, Wyoming, and South Dakota. Do not exceed the application rate. Apply only to rangelands with less than 50% ground cover. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Keep all other persons out of the treated area during application.
**PREBAITING (Mandatory):** To condition the prairie dogs to accept the grain used in this product readily, prebait each active mound to be treated with a teaspoon amount (4 grams or 0.14 oz.) of untreated wheat prior to application of toxic bait. Do not apply this product unless the prairie dogs have consumed the prebait.
**OBSERVATIONS FOR NON-TARGET SPECIES**
Before applying toxic bait, determine the potential for exposing non-target organisms. Applicators must conduct daily observations prior to applying toxic bait. Do not apply this product if non-target species are observed to be feeding on bait. It is a violation of Federal law to feed treated bait to non-target species, including protected species, intentionally.
**HAND BAITING APPLICATION ONLY:** Using a utility spoon or calibrated, hand-operated, mechanical bait dispenser, apply a teaspoon (4 grams or 0.14 oz.) of bait per placement, over a six inch diameter circle on the edge of the mound near the opening of only active prairie dog burrows.
**FOLLOW-UP:** Wearing barrier laminate gloves, collect and properly dispose of all dead, exposed animals and leftover bait that cannot be used according to label directions according to the "Pesticide Disposal" section.
***GROUND SQUIRRELS***
**USE RESTRICTIONS:** For control of California ground squirrels (*Otospermophilus beecheyi*), Columbian (*Urocitellus columbianus*), and Richardson's ground squirrels (*Urocitellus richardsi*) in rangelands, pastures, and adjacent non-crop areas. Product must not be applied on roads, near residential areas, over water, or where plants are grown for food or feed.
**PREBAITING (Mandatory):** Prebait with untreated wheat to enhance acceptance by California, Columbian, and Richardson's ground squirrels. Apply the prebait at 6 lbs. per acre 1-2 days prior to using **Prozap Zinc Phosphide Pellets**.
**HAND BAITING:** Apply 4 grams (one teaspoon) of bait on the ground near active burrows.
**BAITING:** Treat once during treatment period. Broadcast bait using hand or ground-driven dispensing devices, not to exceed 6 lbs. per acre (0.12 lb. ai/A). Dispose of excess bait from application equipment by burial.

### BUSHBERRIES AND CANEBERRIES

***VOLES***
**USE RESTRICTIONS:** For control of meadow voles, prairie voles, and pine voles (*Microtus* spp.) in bushberries (highbush and lowbush blueberries, currants, elderberries, gooseberries, and huckleberries) and in caneberries (blackberries, red raspberries, black raspberries, loganberries, and cultivars or hybrids of these caneberries). Only apply this product in the dormant season: after final harvest and not later than the beginning of leaf emergence in the spring. Do not apply when ground is snow-covered. Do not apply by air. Minimum preharvest interval is 70 days.
**BROADCAST BAITING:** This product may be broadcast by cyclone seeder or by hand. When applying by hand, throw tablespoon amounts (12 grams) into heavy cover along bushes, rocky outcrops, and fence lines. Make up to 2 applications at a minimum interval of 21 days, at the rate of 6 to 10 lbs. per acre (0.12-0.2 lb. ai/A) per application. Maximum application per growing season is 20 lbs. per acre (0.4 lb. ai/A).

### CUCURBITS, REDUCED TILLAGE AND NO-TILL CORN

***VOLES, DEER MICE, WHITE-FOOTED MICE, KANGAROO RATS, AND COTTON RATS***
**USE RESTRICTIONS:** For control of prairie voles (*Microtus ochrogaster*), meadow voles (*M. pennsylvanicus*), house mice (*Mus musculus*), deer mice (*Peromyscus maniculatus*) white-footed mice (*P. leucopus*), Ord's kangaroo rats (*Dipodomys ordii*), banner-tailed kangaroo rats (*D. spectabilis*), Merriam's kangaroo rats (*D. merriami*), and cotton rats (*Sigmodon hispidus*) in reduced tillage and no-till corn and in cucurbits, including and limited to chayote, Chinese wax gourd, citron melon, cucumber, gherkin, edible gourd, *Momordica* spp., muskmelon, pumpkin, squash (summer and winter), and watermelon. Only in-furrow treatments are permitted for these crops. Do not broadcast bait. Do not apply this product within the occupied habitats of the endangered species or subspecies of kangaroo rats.
**IN-FURROW APPLICATION ONLY:** Equipment designed for in-furrow treatments must be used to apply this product in cucurbits, reduced tillage and no-till corn. Make one application pre-planting, or at-planting, at a rate of 4 to 6 lbs. of bait per acre (0.08-0.12 lb./A). Collect and remove excess quantities of bait deposited on surface soil or crop residues during spills or equipment malfunctions.

**CALIBRATION / ROW**

| Row spaces, Inches | 4 lbs./A rate, oz. per 1000 ft. | 5 lbs./A rate, oz. per 1000 ft. | 6 lbs./A rate, oz. per 1000 ft. |
|---|---|---|---|
| 20 | 2.5 | 3.1 | 3.7 |
| 30 | 3.7 | 4.6 | 5.5 |
| 36 | 4.4 | 5.5 | 6.6 |
| 38 | 4.7 | 5.8 | 6.9 |

### BARLEY

***VOLES***
**USE RESTRICTIONS:** For control of meadow voles, long-tailed voles, California voles, Oregon voles, mountain voles, and Townsend's voles (*Microtus* spp.) in growing-season and pre-plant applications in barley. Do not apply this product to barley within 50 days of harvest. This use is restricted to Montana, Idaho, Oregon, and Washington. Do not graze animals in treated areas.
**BROADCAST BAITING:** This product may be broadcast by air or ground-driven dispensing devices. Apply bait at a rate up to 6 lbs. (0.12 lb. active ingredient) per acre. If voles are being targeted, a second bait application may be made after a minimum interval of 25 days. A maximum of 12 lbs. (0.24 lb. active ingredient) per acre may be applied per year. All applications must be made prior to the boot stage.
***GROUND SQUIRRELS***
**USE RESTRICTIONS:** For control of California ground squirrels (*Otospermophilus beecheyi*), Columbian (*Urocitellus columbianus*), and Richardson's ground squirrels (*Urocitellus richardsi*) in barley.
**PREBAITING (Mandatory):** Prebait with untreated wheat to enhance acceptance by California, Columbian, and Richardson's ground squirrels. Apply the prebait at 6 lbs. per acre 1-2 days prior to using **Prozap Zinc Phosphide Pellets**.
**BAITING:** Apply only underground or in bait stations. Apply bait at a rate of up to 6 lbs. per acre (0.12 lb. ai/A per acre). A second application may be made within 25 days, if required. The maximum application rate per year is 12 lbs. per acre (0.24 lb. ai/A). Apply post-harvest or during dormancy.

### OATS

***GROUND SQUIRRELS***
**USE RESTRICTIONS:** For control of California ground squirrels (*Otospermophilus beecheyi*), Columbian (*Urocitellus columbianus*), and Richardson's ground squirrels (*Urocitellus richardsi*) in oats.
**PREBAITING (Mandatory):** Prebait with untreated wheat to enhance acceptance by California, Columbian, and Richardson's ground squirrels. Apply the prebait at 6 lbs. per acre 1-2 days prior to using **Prozap Zinc Phosphide Pellets**.
**BAITING:** Treat once during treatment period. Broadcast bait using hand or ground-driven dispensing devices, not to exceed 6 lbs. per acre (0.12 lb. ai/A). Dispose of excess bait from application equipment by burial.

### BEANS (DRY)

***VOLES***
**USE RESTRICTIONS:** For control of prairie voles (*Microtus ochrogaster*), meadow voles (*M. pennsylvanicus*), house mice (*Mus musculus*); deer mice (*Peromyscus maniculatus*), white-footed mice (*P. leucopus*), and Ord's kangaroo rats (*Dipodomys ordii*), in dry beans during the growing season. Do not apply by air. Do not apply this product to dry beans within 30 days of harvest. This use is restricted