

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed or inhaled, causes moderate eye irritation, avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long sleeved shirt and long pants, shoes plus socks and gloves. Remove and wash contaminated clothing before reuse. Any person who retrieves carcasses or unused bait following application of this product must wear gloves.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All handlers, including loaders and applicators, must wear long sleeve shirt, long pants, shoes, socks, and gloves.

In addition, persons loading pellets or baits into aircraft or mechanical ground equipment and persons loading/applying with a hand-pushed or hand-held equipment, such as a push-type spreader or cyclone spreader, must wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with a R, P or HE filter) and protective eyewear.

Any person who retrieves carcasses or unused bait following application of this product must wear 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 bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to mammals, birds and other wildlife. Dogs, cats and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. Do not apply directly to water or to 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.

PHYSICAL-CHEMICAL HAZARDS

Do not use or store near any irritating agents.

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

Gray Wolf (*Canis lupus*) and Grizzly Bear (*Ursus arctos 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.

Altwater's Greater Prairie Chicken (*Tympanuchus cupido altwateri*). Do not use this product in the present occupied range of the Altwater's Greater Prairie Chicken in the following counties: Aransas, Austin, Brazoria, Colorado, DeWitt, Ft. Bend, Galveston, Goliad, Hays, 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 Aquiré, 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 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: Fresno, 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.

Amargosa Vole (*Microtus californicus scirpensis*). Follow the Interim Measures for protecting endangered species in California Endangered Species Bulletin.

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DIRECTIONS FOR USE

GROUND BROADCAST: Broadcast evenly by cyclone seeder or by hand. Concentrate in areas with heaviest vegetative cover. Avoid applying to bare ground. Apply at the rate of 6-10 lbs./A (0.12-0.2 lb. ai/A).

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 NORWAY RATS, ROOF RATS, AND HOUSE MICE

IMPORTANT: Do not expose children, pets, or other nontarget animals to rodenticides. To help prevent accidents:

1. Store product not in a 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 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 hoisted livestock, raccoons, bears, 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.

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

POCKET GOPHERS

USE RESTRICTIONS: For control of California ground squirrels (*Spermophilus beecheyi*) and Richardson's ground squirrels (*S. richardii*) in pome fruit (apple, pear), stone fruit (peach, cherry, apricot, plum, prune, nectarine) 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 a 50/50 mixture of ground corn and wheat to enhance acceptance by Richardson's ground squirrels. Apply the prebait mixture at 6 lbs. per acre (0.12-0.2 lb. ai/A).

AERIAL BROADCAST: Avoid applying to 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 (*Spermophilus beecheyi*) and Richardson's ground squirrels (*S. richardii*) in pome fruit (apple, pear), stone fruit (peach, cherry, apricot, plum, prune, nectarine) 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.

HANDBAITING: Apply 4 grams (one teaspoon) of bait on the ground near active burrows.

BAITING: Treat only once during dormant 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.

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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.*) in pome fruit (apple, pear), stone fruit (peach, cherry, apricot, plum, prune, nectarine) and nut tree orchards (almonds, walnuts, pistachios, pecans, filberts). Bait must be applied directly into pocket gopher's underground burrow systems or into underground tunnels created by burrow-builder machines. Do not apply bait above ground.

HANDBAITING: Follow the directions indicated below to locate and treat pocket gopher's burrow systems.

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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.

HAND BAITING: Follow the directions indicated below to locate and treat pocket gopher's 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.

IF SWALLOWED:

• Call a Poison Control Center, doctor, or 1-877-854-2494 immediately for treatment advice or to transport the person to the nearest hospital.

• Do not give any liquid to the patient.

• Do not administer anything by mouth.

• Do not induce vomiting unless told to do so by the poison control center or doctor.

IF INHALED:

• Move person to fresh air.

• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

• Call a poison control center, doctor, or 1-877-854-2494 immediately for treatment advice.

IF IN EYES:

• Hold eye open and rinse slowly and gently with water for 15-20 minutes.

• Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.

• Call a poison control center, doctor, or 1-877-854-2494 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 Left Panel for additional precautionary statements.

APPLICATION DIRECTIONS FOR 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.

APPLICATION DIRECTIONS FOR MICE: Apply 1 teaspoon of bait per placement at 2 to 12 foot intervals. For outdoor use, place bait in 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.

FOLLOW-UP: Using waterproof 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 spoon for mixing, holding or transferring food or feed. To discourage reinestation, limit sources of rodent food, water, and harborage as much as possible.

BROADCAST BAITING: Broadcast at the rate of 1-2 teaspoons (4-8 grams) of bait in each burrow. No preharvest interval is required, provided nuts are not retrieved from burrows.

POCKET GOPHERS: Broadcast at the rate of 1-2 teaspoons (4-8 grams) of bait in each burrow. No preharvest interval is required, provided nuts are not retrieved from burrows.

USE RESTRICTIONS: For control of root rats (*Rattus rattus*) in macadamia nut orchards and adjacent noncrop areas. 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 shark 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 1-2 teaspoons (4-8 grams) of bait in each burrow. No preharvest interval is required, provided nuts are not retrieved from burrows.

POCKET GOPHERS: Broadcast at the rate of 1-2 teaspoons (4-8 grams) of bait in each burrow. No preharvest interval is required, provided nuts are not retrieved from burrows.

USE RESTRICTIONS: For control of root rats (*Rattus rattus*) in rice (*Oryza sativa*), Florida rice (*O. sativa*), and cotton rats (*Sigmodon hispidus*) in sugarcane fields. Do not graze animals in treated areas.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Dispose of bags in an approved waste disposal facility or by incineration.

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 pounds per acre (0.04-0.06 lb. ai/A). Pick up and dispose of all spilled bait according to "Pesticide Disposal" instructions.

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

TIMOTHY AND TIMOTHY / ALFALFA AND MIXTURES PRODUCED FOR HAY

USE RESTRICTIONS: For control of meadow voles, long-tailed voles, California voles (except for endangered subspecies), Amargosa vole. See section "ENDANGERED SPECIES CONSIDERATION". Oregon voles, mountain voles, and Townsend's voles (*Microtus spp.*) in growing-season and pre-plant applications in wheat. Do not apply this product within 30 days of harvest. This use is restricted to Montana, Idaho, Oregon and Washington.

IN-FURROW APPLICATION ONLY: Equipment designed for in-furrow treatments must be used to apply this product in furrows, reduced tillage and no-till corn. Make one application per year if Richardson's ground squirrels are being targeted. If voles are being targeted, a second application may be made within 25 days. The maximum application rate per year is 12 lbs. per acre (0.24 lb. ai/A).

BROADCAST BAITING: Broadcast bait by aircraft, ground-driven devices, or by hand at the rate