

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

Harmful if swallowed, absorbed through the skin, in eyes or inhaled. Keep away from humans, domestic animals and pets. Avoid eye or skin contact. Do not breathe dust. Avoid contamination of feed or foodstuffs. Prevent contact of bait with acids. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

PERSONAL PROTECTIVE EQUIPMENT: All handlers, including loaders and applicators, must wear:

- long sleeve shirt and long pants
 - shoes plus socks, and
 - waterproof gloves.
- In addition, persons loading the baits into aircraft or mechanical ground equipment and persons loading/applying with a hand-pushed or hand-held equipment, such as push-type spreader or cyclone spreader, must wear:
- dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) and protective eyewear.
- 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.

ENGINEERING CONTROL STATEMENTS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides[40CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS:

- Users should:**
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
 - Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife and fish. Birds and other wildlife feeding in treated area may be killed. Dogs and other predatory and scavenging mammals might be poisoned if they feed upon animals that have eaten this bait. Use with care when applying in areas frequented by wildlife or adjacent to any body of water. Do not apply directly to water, or to areas where surface water is present or to intertidal area below the mean high water mark. This product shall not be applied over bodies of water, in areas inhabited by livestock or where a hazard exists to rare or endangered species. Do not contaminate water when disposing of equipment wash water or rinsate.

ENDANGERED SPECIES CONSIDERATIONS

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, 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.

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, Walter, 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-proof bait boxes:

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

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

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

Morro Bay Kangaroo Rat (*Dipodomys heermanni morroensis*) Do not use this product in critical habitat within 2.5 miles of Baywood Park which is located on Morro Bay (California)

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

Tipton Kangaroo Rat (*Dipodomys 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)

Stephan's Kangaroo Rat (*Dipodomys stephens*) Follow the Interim Measures for protecting endangered species in the California Endangered Species Bulletin for the following California counties: San Bernardino, San Diego and Riverside (California)

San Bernardino Kangaroo Rat (*Dipodomys merriami parvus*) Follow the Interim Measures for protecting endangered species in the California Endangered Species Bulletin for the following California counties: San Bernardino and Riverside (California)

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

BATCH CODE: _____

**RESTRICTED USE PESTICIDE
DUE TO HAZARD TO NONTARGET ORGANISMS**
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 Applicators certification.

**ZINC PHOSPHIDE
ON OATS**

For control of voles (*Microtus spp.*) and deer mice (*Peromyscus spp.*) in orchards, groves, conifer and hardwood seedling plantations, right-of-ways, non-residential lawns, parks, nurseries, golf courses, grape vineyards, macadamia nut orchards, sugarcane and around agricultural, commercial and industrial buildings. For control of pocket gophers in rangelands, non-residential lawns, golf courses, Christmas tree plantations, croplands and conifer hardwood seedling plantations.

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

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See side panel for additional precautionary statements.

FIRST AID

Have label with you 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	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice or transport the patient to the nearest hospital. • Do not drink water. • Do not administer anything by mouth. • Do not induce vomiting unless told to do so by the poison control center or doctor.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call poison control center or doctor immediately for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor 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.

MFG. BY: R & M EXTERMINATORS, INC
24212 SOUTH "D" STREET
CHENEY, WA 99004

EPA REG. NO.: 4271-16
EPA EST. NO.: 4271-WA-1

NET CONTENTS 50 LBS.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

USE RESTRICTIONS:

- Only apply this product by methods specified on this label.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Only handlers may be in the area during application.
- Keep all other persons out of the treated area during 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.
- Do NOT apply to bare ground and areas in which no vegetation occurs.
- Check for and dispose of excess or spilled bait and carcasses daily until the baits are expended or are removed.

ORCHARDS AND GROVES

USE RESTRICTIONS: For control of meadow, prairie, pine, California, Oregon, mountain, and Townsend's Voles, white-footed Mouse and deer mice (*Peromyscus spp*) in pome fruit (apple, pear) and stone fruit (peach, cherry, apricot, plum, prune, nectarine). Apply only after fall harvest (including drops), before new spring growth and when no rain or snow is expected for three consecutive days.

HANDBAITING: Place bait near bases of each infested tree at 2-4 locations, either on surface trails or at mouth 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. Rate: 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 drip line on both sides of the trees. Rate: 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. Rate 6 - 10 lb/A (0.12 - 0.2 lb ai/A)

AERIAL BROADCAST: Broadcast bait at a rate of 6-10 lbs per acre or make 2 applications of 5 lbs. per acre. Do not broadcast on bare ground.

CONIFER AND HARDWOOD SEEDLING PLANTATIONS

USE RESTRICTIONS: For control of meadow voles, prairie voles, pine voles, California voles, Oregon voles, mountain voles, Townsend's voles (*Microtus spp.*) and deer mice (*Peromyscus spp*) in nursery stock, and conifer/Christmas tree, poplar/cottonwood, ornamental, and non-bearing fruit tree plantations.

PREBAITING: None

BROADCASTING BAITING: Under infested nursery stock, conifer/Christmas trees, poplar/cottonwood trees, ornamental trees, or non-bearing fruit 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, or non-bearing fruit trees, place teaspoonful quantities (4 grams) of bait at 2-4 locations, either on surface trails or at the mouth 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.

AERIAL BROADCAST: Broadcast bait at the rate of 5.5-9.0 lbs. per acre.

AROUND AGRICULTURAL, COMMERCIAL, AND INDUSTRIAL BUILDINGS

USE RESTRICTIONS: Use against the Meadow Vole (*Microtus pennsylvanicus*), Prairie Vole (*M. ochrogaster*), California Vole (*M. californicus*), Mountain Vole (*M. montanus*), and Pine Vole (*M. pinetorum*) around agricultural, commercial, and industrial buildings. Do not apply farther than 50 feet from buildings. Do not apply bait inside buildings. Bait must be applied in tamper-resistant bait stations. These stations must be resistant to destruction by dogs and by 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 hoofed livestock, raccoons, bears, other potentially destructive animals, or in areas prone to vandalism.

SELECTION OF TREATMENT AREAS: Determine where voles will most likely find and consume the bait. Look for runways near buildings and signs of vole activity oriented toward the buildings.

BAITING: Apply a teaspoon (4 grams) of bait in each bait station. Space stations at intervals of 8-11 feet apart in infested areas. Maintain bait in stations for 3 days. Extend the baiting period only if there is continued evidence of feeding from the stations by voles.

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 bait stations. Do not use spoon for mixing, holding or transferring food and feed. To discourage reinestation, limit sources of rodent food, water, and harborage as much as possible.

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 rangeland 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.

OBSERVATIONS FOR NONTARGET SPECIES: Before applying this product, determine the presence and potential for exposure of nontarget organisms to treated bait. Daily observation for nontarget species must be conducted prior to and during the prebaiting period. Do not apply toxic bait if nontarget species are observed to be feeding on prebait. It is a violation of Federal Law to intentionally feed treated bait to nontarget species, including protected species.

PREBAITING: To condition the prairie dogs to readily accept the grain used in this product, each active mound that is to be treated must be prebaited with a teaspoon amount (4 grams or 0.14oz) of untreated oats prior to application of the toxic bait. Treated bait may only be applied to prairie dog mounds where the prebait was consumed. Do not apply this product unless the prairie dogs have consumed the prebait. During prebaiting, observe for the presence of nontarget species. Do not apply toxic bait if nontarget species are observed to be feeding on the prebait.

BAIT APPLICATION

HAND BAIT APPLICATION ONLY: Using a utility spoon or calibrated, hand-operated, mechanical bait dispenser, apply a teaspoon (4 grams or 0.14oz) of bait per placement, over a six inch diameter circle on the edge of the mound near the opening of the active prairie dog burrow.

FOLLOW-UP: Wearing waterproof gloves, collect and dispose of all dead, exposed animals. Dispose of any leftover bait in accordance with disposal directions for use.

GROUND SQUIRRELS

USE RESTRICTIONS: For control of Columbian Ground Squirrels (*Spermophilus columbianus*), California Ground Squirrels (*Spermophilus beecheyi*) and Richardson's Ground Squirrel (*Spermophilus richardii*) on rangeland.

PREBAITING (Advisory): Prebaiting with 6 lbs. of untreated crimped oats per acre (0.12 lb ai/A) one or two days prior to using toxic bait is likely to enhance bait acceptance by California and Richardson's ground squirrels.

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

BAITING: Treat only 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 according to "Pesticide Disposal" instructions.

NON-RESIDENTIAL LAWNS AND ORNAMENTALS, GOLF COURSES, PARKS, NURSERIES AND RIGHT OF WAYS

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.*), deer mice (*Peromyscus spp.*), Columbian ground squirrels (*Spermophilus columbianus*), Richardson's ground squirrels (*S. richardsonii*), thirteen-lined ground squirrels (*S. tridecemlineatus*), and California ground squirrels (*S. beecheyi*) in non-urban lawns and ornamentals, golf courses, parks, nurseries, and right of ways. Bait must not be applied on roads, over water or where plants are grown for food or feed. Do not apply by air.

PREBAITING (Advisory): For ground squirrels only, prebait by placing one teaspoon (4 grams) of untreated crimped oats around each active burrow opening or in each active runway 2 or 3 days prior to using toxic bait to enhance acceptance by ground squirrels.

HAND BAITING: For ground squirrels, place 4 grams (one teaspoon) of bait around each active burrow opening or in each active runway. For voles, place teaspoonful quantities (4 grams) of bait, either on surface trails or at the mouth 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-resistance bait stations if children, pets, or nontarget mammals or birds may access the bait.

RANGELAND, CHRISTMAS TREE PLANTATIONS, CROPLAND, CONIFER HARDWOOD SEEDLING PLANTATIONS, NON-RESIDENTIAL LAWNS, AND GOLF COURSES

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 rangeland, Christmas tree plantations, cropland, conifer hardwood seedling plantations, non-residential lawns, and golf courses. 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.

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: When treating extensive area, burrow builder method may be used. Follow manufacturer's instructions for the equipment used to apply gopher bait. Make sure that machine-built burrows intersect pocket gopher burrows at the depth at which gophers have been tunneling. For greater efficiency of treatment, machine-built burrows should intersect as many gopher tunnels as possible at right angles. Apply bait at a rate of 2-3 pounds per acre, using a 20' to 30' row spacing interval. Apply only when soil condition is proper to insure formation of a good artificial burrow. Recover and bury all spilled bait.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store only in original container, in a dry, cool place inaccessible to children, pets and domestic animals. Keep containers closed and away from other chemicals. Do not store in and around the home.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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 HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

WARRANTY

Seller warrants that this product conforms to the chemical description on the label and is reasonable for the purposes referred to in the directions for use. To the extent consistent with applicable law, Seller makes no other warranties, express or implied, including FITNESS or MERCHANTABILITY. To the extent consistent with applicable law, in no case shall the seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. To the extent consistent with applicable law, the foregoing is a condition of sale by the Seller and is acceptable as such by the buyer.