

FOR YEAR-ROUND, BELOW GROUND CONTROL OF VOLES IN: CLOVER GROWN FOR SEED, FORAGE OR HAY; CLOVER/GRASS MIXTURES; AND PASTURE - OREGON

General Information

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, 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, 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-proof bait boxes:

(1) within 6.3 miles (10 kilometers) of Central Aquirre, Lago Cidra, Ceiba, San German

(2) within 9.4 miles (15 kilometers) of La Esperanza, south of Highway 2 from city of Mayaguez to the city of Ponce and all Mona Island

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

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

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

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

Tipton Kangaroo Rat (*Dipodomys nitratoide nitratoide*). 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 nitratoide 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)

Stephan's 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

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.

Limitations, Restrictions, and Exceptions

APPLICATION DIRECTIONS:

Below Ground Handbaiting

Below ground hand baiting can be conducted all times of the year. Place a teaspoon quantity down holes leading to underground burrow systems. Do not disturb runway system. Apply at a rate of 6-10 pounds per acre.

Use Restrictions: For Year-Round Below Ground Control of voles (*Microtus* spp.) in: clover grown for seed, forage or hay; clover/grass mixtures grown for forage or hay; and pasture, as specified below.

ADDITIONAL RESTRICTIONS

- Do not allow bait to be exposed on bare ground.
- Do not allow ANY pellets to be placed above-ground during the application.
- Applications must be made in a manner that does not allow access to ANY zinc phosphide pellets by non-target animals (livestock, geese, dogs, etc.).
- Do not allow livestock to graze in fields treated within the last 14 days.
- Applicators must wear chemically resistant gloves when hand baiting.

- Do not apply if rain is forecasted within the next 24 hours.

IMPROVING EFFICACY

- Avoid applying zinc phosphide at rates less than allowed by this label. Voles may develop a learned aversion to zinc phosphide when exposed to sub-lethal rates.
- Only treat holes which appear to be actively used by voles. Do not treat holes that appear unoccupied (spider webs present or debris in front of hole).
- Zinc phosphide bait deteriorates when exposed to rain, humidity and wet acidic soils. The longer the product is exposed to these conditions, the less effective it will be. Efficacy may be improved if applications are made after the soil pH is increased. Avoid treating before morning dew evaporates.

Method

[Hand Baiting](#)

Timings

[N.A.](#)