

SEP 2 1993

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Mr. Peter L. Joseph
U. S. Department of Agriculture
Animal and Plant Health Inspection Service
Federal Building, Room 533
6505 Belcrest Road
Hyattsville, MD 20782.

Dear Mr. Joseph:

Subject: Zinc Phosphide on Wheat for Mouse Control
EPA Registration No 56228-3
Your Application for Pesticide Amendment
Dated August 18, 1993

The revised labeling referred to above, submitted in connection with registration under FIFRA, is acceptable. Submit one copy of final printed labeling before you release the product for shipment with the amended labeling.

We approve your plan to sticker over the "Statement of Practical Treatment" on your existing inventory before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Robert A. Forrest
Product Manager (14).
Insecticide-Rodenticide Branch
Registration Division (H7505C)

MADSEN Disk # 1 9/1/93

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. Do not breathe dust. Avoid contamination of feed or food stuffs. Prevent the contact of bait with acids. Wash hands thoroughly with soap and water after use. Use rubber gloves if contact with skin may occur when mixing or placing baits. Wash all utensils, spoons, or measuring devices thoroughly.

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife and fish. Birds and other wildlife feeding in treated areas may be killed. Use with care when applying in areas frequented by wildlife or adjacent to any body of water. Keep out of lakes, ponds, or streams. 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 by cleaning of equipment or disposal of wastes.

ENDANGERED SPECIES CONSIDERATIONS

Whooping Crane (*Grus americana*)
Do not use this product 30 days prior to arrival and 30 days after the whooping crane leaves its known critical habitat.

Attwater's Greater Prairie Chicken (*Tympanuchus cupido attwateri*)
Do not use this product in critical habitat of the Attwater's greater prairie chicken in the following Texas counties: Aransas, Austin, Brazoria, Colorado, De Witt, Ft. Bend, Galveston, Goliad, Harris, Refugio, Victoria, Waller, and Wharton.

Yellow-Shouldered Blackbird (*Agelaius xanthomus*)
and **Puerto Rican Plain Pigeon (*Columba inornata wetmorei*)**

Do not use in critical habitat except in tamper-proof bait boxes within 6.3 miles of central Aquirre Lago Cibra, Ceiba, San German; 9.4 miles of La Esperanza; south of highway 2 from city at Mayaguez to the city of Ponce, and all of Mona Island, Puerto Rico.

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 mile 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 the 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)

Aleutian Canada Goose (*Branta canadensis leucoparera*)
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.

RESTRICTED USE PESTICIDE

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 WHEAT FOR MOUSE CONTROL

For the control of meadow voles, prairie voles, pine voles, mountain voles, and white-footed mice in ornamentals, orchards, vineyards, rangelands, forests, lawns, golf courses, parks, nurseries, and highway medians.

ACTIVE INGREDIENT:

Zinc Phosphide 1.82%

INACTIVE INGREDIENTS: 98.18%

TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

Any persons applying zinc phosphide products and experiencing signs or 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.

ACCEPTED UNITED STATES DEPARTMENT OF AGRICULTURE
NATIONAL PESTICIDE HEALTH INSPECTION SERVICE

SEP 27 1993

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 51228-3

Hyattsville, MD 20782
EPA Est. No. 56228-ID-1
EPA Reg. No. 56228-3

Net Weight lbs

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STORAGE AND DISPOSAL

Do not contaminate water by disposal.

STORAGE: Store only in place inaccessible to children and animals.

PESTICIDE DISPOSAL: This product is hazardous. Improper disposal of spilled bait, or rinsate, or these wastes cannot be done. To label instructions contact Environmental Control Waste representative at Office for guidance.

CONTAINER DISPOSAL: Shake and tapping sides to dislodge clinging particles. Empty equipment. Then dispose of by incineration if a hazardous waste or by other means as directed by local authorities.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply to roads, over water, or where it may cause air pollution, compaction, can should be avoided.

ORCHARDS, GOLF COURSES, VINEYARDS, OR NONBEARING FRUIT TREES

USE RESTRICTIONS: For control of meadow voles and pine voles (*Microtus pennsylvanicus*) in vineyards, ornamentals, orchards and vineyards, in a nonbearing phase.

HAND BAITING: Near the surface of the soil place teaspoonful quantities of bait either on surface or at the entrance of the underground burrow system (e.g., mats, boards) or back into place. Do not dust at the rate of 3-5 pounds per acre.

TRAILBUILDER: Drop bait at 4-5 foot intervals in the machine just inside the rows of trees. Apply at the rate of 10-15 pounds per acre.

BROADCAST BAITING: Broadcast evenly by cyclone spreader. Concentrate in areas where mice are most likely to cover. Apply at the rate of 10-15 pounds per acre.

AERIAL APPLICATION: Apply at the rate of 10 pounds per acre. Bait application is not yet matter application of bait over grass may lodge on the plant. Do not apply to plants.

See back panel for additional information.

DIRECTIONS FOR USE
(Continued)

**RANGELANDS AND REFORESTATION
SEEDING AREAS** ...

USE RESTRICTIONS: For control of meadow, prairie, and pine voles (*Microtus spp.*) and white-footed mice (*Peromyscus spp.*) during rangeland and reforestation seedings and plantings. Treatment at the rate of 6-10 pounds per acre should occur in the fall before the seed fall or seeding efforts. Treatment may be necessary in spring to protect emergent seedlings.

BAITING: For hand baiting place teaspoonful of bait in surface runways or in burrow entrances. If a trailbuilder is used, apply at the rate of one teaspoonful of bait at 4-5 foot intervals. For broadcast baiting, apply in 20 foot swaths evenly by hand or with a cyclone seeder. For aerial application, broadcast bait at the rate of 6-10 pounds per acre.

NONCROP AREAS

USE RESTRICTIONS: For control of meadow, prairie, and pine voles (*Microtus spp.*) and white-footed mice (*Peromyscus spp.*) in non-crop areas such as right-of-ways, lawns, parks, nurseries, and golf courses when damage or heavy mouse infestations occur. Prebaiting with 3-5 pounds per acre of untreated wheat 2-3 days before applying toxic bait may provide more consistent toxic bait acceptance.

HAND BAITING: Place teaspoonful quantities of bait, either in surface runways or at mouth of holes leading to underground burrow systems. Bait at the rate of 3-5 pounds per acre in infested areas.

TRAILBUILDER: Apply teaspoonful of bait 4-5 foot intervals in the artificial runways around infested areas.

BROADCAST BAITING: Apply evenly by cyclone seeder or by hand at the rate of 3-5 pounds per acre.

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