

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 14 1992

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Mr. Peter L. Joseph
 USDA/APHIS/S&T
 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 Letter Dated September 1, 1992

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable, subject to the following provisions:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit a revised Confidential Statement of Formula (CSF) for the Basic Formulation. The CSF for the Basic Formulation, dated September 1, 1992, is not acceptable, because the certified limits for the first inert ingredient are too broad (69.42-97.08%). However, based on the certified limits stated for GRN 62-2 in volume 5 of your product chemistry data, it appears that the lower certified limit on the CSF is a typographical error. Please correct the lower certified limit.
3. Submit one copy of your final printed labeling before you release the product for shipment.

This registration will be subject to cancellation in accordance with FIFRA sec. 6(e) if you do not comply with these conditions. Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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)

Enclosure: stamped label

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, Walker, 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 Cicra, 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 reiventris*)

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 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 leucopareia*)

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

IF SWALLOWED: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY!

Any person 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, drink 1-2 glasses of water and induce vomiting by touching the back of the throat with the finger. Avoid the use of all oils. Have person lie down and keep warm. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin or eyes, flush with plenty of water.

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ADOPTED
with COMMENTS
in EPA Letter Dated:

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

Net Weight lbs.

SEP 14 1992

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

56228-3

BEST AVAILABLE COPY

STO

Do not contaminate
disposal.

STORAGE:
place in inaccessible
animals.

PESTICIDE
hazardous. If
spilled bait, or
these wastes
to label instructions.
Environmental
Waste representative
Office for guidance.

CONTAINER
shaking and
clinging particles
equipment. To
or by incineration
authorities.

DI

It is a violation
manner inconsistent
roads, over water
feed. Wear protective
compaction, etc.

ORCHARD
VINEYARD
N

USE RESTRICTED
and pine voles
(*Peromyscus*)
vineyards, orchards
orchards and
in a nonbearing

HAND BAITING
place teaspoon
either on surface
underground
(e.g., mats, etc.)
back into place
at the rate of

TRAILBUILDING
4-5 foot interval
machine just
trees. Apply

BROADCASTING
broadcast evenly
Concentrate
cover. Apply

AERIAL APPLICATION
10 pounds per
immediately after
grass is not
application of
may lodge on

See label for

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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