PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, absorbed through the skin, or inhaled. Causes moderate eye irritation. Do not get in eyes, on skin, or on clothing. Avoid breathing dust. Keep away from humans, domestic animals and pets. Avoid contamination of feed or foodstuffs. Avoid contact with acids. Wash all utensils, spoons or measuring devices thoroughly after use.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All handlers, including loaders and applicators, must wear long sleeved shirts, long pants, shoes, socks, and waterproof gloves.

In addition, persons loading pellets or baits into aircraft or mechanical ground equipment and persons loading/applying with 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 an R, P, or HE filter) and protective eyewear.

Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

User Safety Requirements:

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Wash the outside of gloves before removing or turn gloves inside out when removing and dispose of properly. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. 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.

REVIEWED USE PESTICIDE
DUE TO HAZARDS TO NONTARGET SPECIES

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 Applicator’s Certification.

ZINC PHOSPHIDE ON WHEAT

For use in dormant pome and stone fruit orchards, non-bearing nursery stock, conifer/Christmas tree groves, ornamentals and nonbearing fruit trees, rangelands and reforestation seedling areas, vineyards, airports, highway medians, turf farms, nonresidential lawns, golf courses, parks, and aflafts, barley, potatoes, sugar beets and beans (dry) to control voles and mice

ACTIVE INGREDIENT

Zinc Phosphide .................................................. 1.82%

OTHER INGREDIENTS ........................................ 98.18%

TOTAL ......................................................... 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

HAVE LABEL WITH YOU WHEN SEEKING TREATMENT ADVICE (1-800-858-7378)

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 911 or the National Pesticide Information Center at 1-800-858-7378.

If swallowed Call 911, a Poison Control Center, doctor, or 1-800-858-7378 immediately for treatment advice or 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 on skin or clothing Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center, doctor, or 1-800-858-7378 immediately for treatment advice.

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 1-800-858-7378 immediately for treatment advice.

If in eyes Hold eye open and rinse slowly and gently with water for 15-20 minutes. Call a Poison Control Center, doctor, or 1-800-858-7378 immediately for treatment advice.

NOTE TO PHYSICIAN

Contains the phosphine-producing active ingredient, zinc phosphide. Probable mucosal damage may contraindicate the use of gastric lavage. 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.

TREATMENT FOR PET POISONING

If animal eats bait, call a veterinarian at once.

NOTE TO VETERINARIAN

For animals ingesting bait and/or showing poisoning signs, induce vomiting by using hydrogen peroxide.

USE RESTRICTIONS, cont’d

ENVIRONMENTAL HAZARDS

This product is extremely toxic to birds, fish and other wildlife. Wildlife feeding on treated bait may be killed. Dogs, cats, and other predatory 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 areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

ENDANGERED SPECIES

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.

See the last page of this label for ENDANGERED SPECIES CONSIDERATIONS.

UNITED STATES DEPARTMENT OF AGRICULTURE
Animal and Plant Health Inspection Service
Riverdale, MD 20737-1237

EPA Reg. No. 56228-3
EPA Est. No. 56228-ID-1

Net Contents: Batch Code No.: 56228-3_Zinc Phospide Wheat_20131231_13.pdf

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DIRECTIONS FOR USE, continued

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

READ THIS LABEL: Read entire label and follow all use directions, use precautions, and use restrictions. Use only for the sites, pests and application methods described on this label.

Use Restrictions – Non-Structural Agricultural Sites
-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 this application.

Limitations in All Agricultural Sites
-Do not apply on roads, near residential areas, or over water.
-Do not broadcast over crops unless use directions specifically permit aerial application.
-Do not apply by air when wind velocity exceeds 10 mph.
-Do not apply this product in areas inhabited by livestock.
-When possible, do not apply when precipitation is expected.

PREBAITING (RECOMMENDED BUT NOT REQUIRED FOR ALL USES UNLESS OTHERWISE SPECIFIED):
Prebaiting with untreated wheat may improve acceptance of this zinc phosphide bait. Prebait should be applied, at rates appropriate for treated bait, 2 or 3 days before toxic baits are used.

FRUIT AND NUT TREE ORCHARDS (DORMANT)

USE RESTRICTIONS: For control of meadow voles (Microtus pennsylvanicus), prairie voles (M. ochrogaster), pine voles (M. pinetorum), long-tailed voles (M. longicaudus), California voles (M. californicus), Oregon voles (M. oregoni), mountain voles (M. montanus), Townsend’s voles (M. townsendii), white-footed mice (Peromyscus leucopus) and deer mice (P. maniculatus) in apple, pear and stone fruit (peach, cherry, apricot, plum, prune, nectarine).

Apply when no rain or snow is expected for three consecutive days. Apply only after fall harvest (including drops), before new spring growth.

PREBAITING (Recommended but not required): To increase acceptance of treated baits, apply 1 teaspoon (4 grams) of untreated wheat per tree 1 or 2 days prior to scheduled application of this product.

BAITING:
HAND BAITING:
Place 1 teaspoon (4 grams) of bait at 2-4 locations near bases of each infested tree, either on surface trails or at mouth of holes leading to underground burrow systems. Do not allow bait to be exposed on bare ground. Do not disturb the runway system. Apply at a rate up to 5 lbs/A (0.09 lb a.i./A).

TRAILBUILDER:
Set equipment to drop 1 teaspoon of bait (4 grams) at 4 - 5 foot intervals in the artificial trail, made by the machine, just inside the drop line on both side of the trees. Apply at a rate up to 3 lbs/A (0.06 lb a.i./A).

GROUND BROADCAST:
Broadcast evenly by cyclone seeder or by hand. Concentrate in areas with heaviest vegetative cover. Do not broadcast on bare ground. Apply at a rate up to 10 lbs/A (0.18 lb a.i./A).

AERIAL BROADCAST:
Do not broadcast on bare ground. Apply at a rate up to 10 lbs/A (0.18 lb a.i./A).

NON-BEARING NURSERY STOCK; CONIFER/CHRISTMAS TREES, ORNAMENTAL, AND NONBEARING FRUIT TREES, AND TREE PLANTATIONS AND WINDBREAKS

USE RESTRICTIONS: For control of meadow voles (Microtus pennsylvanicus), prairie voles (M. ochrogaster), pine voles (M. pinetorum), long-tailed voles (M. longicaudus), California voles (M. californicus), Oregon voles (M. oregoni), mountain voles (M. montanus), Townsend’s voles (M. townsendii), white-footed mice (Peromyscus leucopus) and deer mice (P. maniculatus) in non-bearing nursery stock, conifer/Christmas trees, ornamental, non-bearing fruit trees and windbreaks.

Apply when no rain or snow is expected for three consecutive days.

PREBAITING (Recommended but not required): To increase acceptance of treated baits, apply 1 teaspoon (4 grams) of untreated wheat per tree 1 or 2 days prior to scheduled application of this product.

BAITING:
HAND BAITING:
Place 1 teaspoon (4 grams) of 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. Do not allow bait to be exposed on bare ground. Do not disturb the runway system. Apply at the rate of 1 teaspoon (4 grams) per placement, a rate up to 5 lbs/A (0.09 lb a.i./A).

TRAILBUILDER:
Set equipment to drop 1 teaspoon of bait (4 grams) at 4 - 5 foot intervals in the artificial trail, made by the machine, just inside the drop line on both side of the trees. Apply at a rate up to 3 lbs/A (0.06 lb a.i./A).

GROUND BROADCAST:
Broadcast evenly by cyclone seeder or by hand. Concentrate in areas with heaviest vegetative cover. Do not broadcast on bare ground. Apply at a rate up to 10 lbs/A (0.18 lb a.i./A).

AERIAL BROADCAST:
Do not broadcast on bare ground. Apply at a rate up to 10 lbs/A (0.18 lb a.i./A).
DIRECTIONS FOR USE, continued

GRAPE VINEYARDS

USE RESTRICTIONS: For control of meadow voles (*Microtus pennsylvanicus*), prairie voles (*M. ochrogaster*), pine voles (*M. pinetorum*), long-tailed voles (*M. longicaudus*), white-footed mice (*Peromyscus leucopus*), deer mice (*P. maniculatus*) and meadow jumping mice (*Zapus hudsonius*) in vineyards. Do not apply by air.

**BAITING:**

**HAND BAITING:**
Place 1 teaspoon (4 grams) of 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. Do not allow bait to be exposed on bare ground. Do not disturb the runway system. Apply at the rate of 1 teaspoon (4 grams) per placement, a rate up to 5 lbs/A (0.09 lb a.i./A).

**TRAILBUILDER:**
Set equipment to drop 1 teaspoon quantity of bait (4 grams) at 4-5 foot intervals in the artificial trail, made by the machine, just inside the drop line on both side of the trees. Apply at a rate up to 3 lbs/A (0.06 lb a.i./A).

**GROUND BROADCAST:**
Broadcast evenly by cyclone seeder or by hand. Concentrate in areas with heaviest vegetative cover. Do not broadcast on bare ground. Apply at a rate up to 10 lbs/A (0.18 lb a.i./A) in the fall before the seeds fall or seeding efforts. Treatment may be necessary in spring to protect emergent seedlings.

**AERIAL BROADCAST:**
For aerial application, broadcast bait at a rate up to 10 lbs of bait per treated acre (0.18 lb a.i./A).

ALFALFA

USE RESTRICTIONS: For control of meadow voles (*Microtus pennsylvanicus*), prairie voles (*M. ochrogaster*), pine voles (*M. pinetorum*), long-tailed voles (*M. longicaudus*), California voles (*M. californicus*), Oregon voles (*M. oregoni*), mountain voles (*M. montanus*), Townsend’s voles (*M. townsendii*), white-footed mice (*Peromyscus leucopus*) and deer mice (*P. maniculatus*) in alfalfa. All applications must occur shortly after a cutting of the hay, and/or prior to the next growth’s attaining a length of 2 inches. Alfalfa forage from treated areas must not be harvested until it reaches maturity. This use is restricted to Montana, California, Idaho, Oregon, Utah and Washington.

**BAITING:**

**BROADCAST BAITING:**
This product may be broadcast by air or ground-driven dispensing devices. Apply bait at a rate up to 6 lbs/A (0.11 lb a.i./A). A second application may be made after 25 days. Apply bait at a maximum rate of 12 lbs/A (0.22 lb a.i./A) per year. All applications must be made prior to the boot stage.

**POTATOES**

USE RESTRICTIONS: For control of meadow voles (*Microtus pennsylvanicus*), prairie voles (*M. ochrogaster*), pine voles (*M. pinetorum*), long-tailed voles (*M. longicaudus*), California voles (*M. californicus*), Oregon voles (*M. oregoni*), mountain voles (*M. montanus*), Townsend’s voles (*M. townsendii*), white-footed mice (*Peromyscus leucopus*) and deer mice (*P. maniculatus*) in potatoes. Do not apply this product to potatoes within 30 days of harvest. This use is restricted to Idaho, Oregon and Washington.

**BAITING:**

**BROADCAST BAITING:** This product may be broadcast by air or ground-driven dispensing devices. Apply bait once at a rate up to 10 lbs/A (0.18 lb a.i./A), or make two separate applications at a rate of up to 5 lbs/A (0.09 lb a.i./A). Apply bait at a maximum rate of 10 lbs/A (0.18 lb a.i./A) per year.

DIRECTIONS FOR USE, continued

RANGELANDS AND REFORESTATION AREAS

**GROUND BROADCAST:**
Broadcast evenly in 20 foot swaths by cyclone seeder or by hand. Concentrate in areas with heaviest vegetative cover. Do not broadcast on bare ground. Apply at a rate up to 10 lbs of bait/A (0.18 lb a.i./A) in the fall before the seeds fall or seeding efforts. Treatment may be necessary in spring to protect emergent seedlings.

**TRAILBUILDER:**
Set equipment to drop 1 teaspoon quantity of bait (4 grams) at 4-5 foot intervals in the artificial trail, made by the machine, just inside the drop line on both side of the trees. Apply at a rate up to 3 lbs/A (0.06 lb a.i./A).

**AERIAL BROADCAST:**
For aerial application, broadcast bait at a rate up to 10 lbs of bait per treated acre (0.18 lb a.i./A).

BARLEY

USE RESTRICTIONS: For control of meadow voles (*Microtus pennsylvanicus*), prairie voles (*M. ochrogaster*), pine voles (*M. pinetorum*), long-tailed voles (*M. longicaudus*), California voles (*M. californicus*), Oregon voles (*M. oregoni*), mountain voles (*M. montanus*), Townsend’s voles (*M. townsendii*), white-footed mice (*Peromyscus leucopus*) and deer mice (*P. maniculatus*) in barley. Do not apply this product to barley within 50 days of harvest. This use is restricted to Montana, Idaho, Oregon and Washington.

**BAITING:**

**BROADCAST BAITING:** This product may be broadcast by air or ground-driven dispensing devices. Apply bait at a rate up to 6 lbs/A (0.11 lb a.i./A). A second application may be made after 25 days. Apply bait at a maximum rate of 12 lbs/A (0.22 lb a.i./A) per year. All applications must be made prior to the boot stage.
SUGAR BEETS

USE RESTRICTIONS: For control of meadow voles (Microtus pennsylvanicus), prairie voles (M. ochrogaster), pine voles (M. pinetorum), long-tailed voles (M. longicaudus), California voles (M. californicus), Oregon voles (M. oregoni), mountain voles (M. montanus), Townsend’s voles (M. townsendii), white-footed mice (Peromyscus leucopus) and deer mice (P. maniculatus) in sugar beets. Do not apply this product to sugar beets within 30 days of harvest. This use is restricted to Idaho, Oregon and Washington.

BAITING:

BROADCAST BAITING: Apply bait by ground-driven dispensing devices at rates up to 10 lbs/A (0.18 lb a.i./A) at planting. A second application may be made at the same rate. Apply bait at a maximum rate of 20 lbs/A (0.36 lb a.i./A) per year.

AIRPORTS (RUNWAYS AND GRASSES), HIGHWAY MEDIANS, AND TURF

USE RESTRICTIONS: For control of meadow voles (Microtus pennsylvanicus), prairie voles (M. ochrogaster), pine voles (M. pinetorum), long-tailed voles (M. longicaudus), California voles (M. californicus), Oregon voles (M. oregoni), mountain voles (M. montanus), Townsend’s voles (M. townsendii), white-footed mice (Peromyscus leucopus) and deer mice (P. maniculatus) in dry beans. Do not apply by air. Do not apply this product to dry beans within 30 days of harvest. This use is restricted to Idaho, Oregon and Washington.

BAITING:

BROADCAST BAITING: This product may be broadcast by hand or ground-driven dispensing devices at a rate up to 6 lbs/A (0.11 lb a.i./A). No more than one application per growing season is permitted.

STORED BEANS

USE RESTRICTIONS: For control of meadow voles (Microtus pennsylvanicus), prairie voles (M. ochrogaster), long-tailed voles (M. longicaudus), California voles (M. californicus), Oregon voles (M. oregoni), mountain voles (M. montanus), Townsend’s voles (M. townsendii), white-footed mice (Peromyscus leucopus) and deer mice (P. maniculatus) in nonresidential lawns, golf courses, and parks.

BAITING:

HAND BAITING: Place bait either on surface trails or at mouth of holes leading to underground burrow systems. Do not allow bait to be exposed on bare ground. Do not disturb the runway system. Apply at the rate of 1 teaspoon (4 grams) per placement, up to 5 lbs/A (0.09 lb a.i./A).

BAIT STATIONS: Place bait in tamper-resistant bait stations if children, pets, or nontarget mammals or birds may access the bait.

PESTICIDE DISPOSAL:

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

PESTICIDE STORAGE: Store only in original container, in a dry place inaccessible to children, pets and domestic animals. Keep container closed and away from other chemicals.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty the bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue from bag into application equipment. If container is not to be recycled, then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

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ENDANGERED SPECIES CONSIDERATIONS

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.

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 in Texas: Aransas, Austin, Brazoria, Colorado, DeWitt, 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 the following critical habitat 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).

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.

Oldfield mice (*Peromyscus polionotus*), threatened or endangered subspecies: Do not use this product in areas of Alabama and Florida that are occupied by threatened or endangered subspecies of the oldfield mouse.