

# RESTRICTED USE PESTICIDE

**DUE TO ACUTE ORAL, DERMAL AND INHALATION HAZARDS TO HUMANS AND 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.

## FIFRA SECTION 24(c) SPECIAL LOCAL NEED LABEL

FOR DISTRIBUTION AND USE ONLY WITHIN THE FOLLOWING COUNTIES IN OREGON: BAKER, CROOK, DESCHUTES, GILLIAM, GRANT, HARNEY, JEFFERSON, KLAMATH, LAKE, MALHEUR, MORROW, SHERMAN, UMATILLA, UNION, WALLOWA, WASCO, and WHEELER

This product may only be used to control Belding's ground squirrels in alfalfa, grass hay, pasture, and related sites as specified on this Special Local Need label.

This label is valid until December 31, 2029 or until otherwise amended, withdrawn, cancelled, or suspended.

## ZINC PHOSPHIDE CONCENTRATE

EPA Reg. No. 56228-6  
EPA SLN No. OR-130002

### ACTIVE INGREDIENT

Zinc Phosphide ..... 63.2%

OTHER INGREDIENTS ..... 36.8%

TOTAL ..... 100.0%

**KEEP OUT OF REACH OF CHILDREN**

**ANGER-PELIGRO  
POISON**



### **SPECIAL TRAINING REQUIREMENT FOR USE UNDER SLN No. OR-130002:**

The following persons must receive special training approved by the Oregon Department of Agriculture, prior to use under this SLN and every 60 months after the initial training.

All persons who will be:

- Purchasing Zinc Phosphide Concentrate product to be used under this SLN; and/or
- Handling and/or mixing Zinc Phosphide Concentrate product to prepare zinc phosphide-treated bait; and/or
- Transporting, handling, or applying zinc phosphide-treated bait.

The special training required under this SLN is offered as an on-demand course through Oregon State University Pesticide Safety Education Program (PSEP). This course is available at <https://workspace.oregonstate.edu/certificate/zinc-phosphide>. If you have questions about registering for this course, please contact [PSEP@oregonstate.edu](mailto:PSEP@oregonstate.edu) or (541) 737-5958.

### **SPECIAL LICENSING REQUIREMENT FOR USE UNDER SLN No. OR-130002:**

The following persons must be licensed as Pesticide Applicators (Private, Commercial or Public), or a licensed Pesticide Apprentice.

All persons who:

- Handle open Zinc Phosphide Concentrate product containers; and/or
- Mix Zinc Phosphide Concentrate product with cabbage to prepare the zinc phosphide-treated bait.

ADDITIONAL LICENSING INFORMATION PERTINENT TO THE PURCHASE AND HANDLING OF THIS PRODUCT IS PROVIDED AT THE END OF THIS LABEL.

# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### DANGER

Fatal if swallowed. Fatal if inhaled. Harmful if absorbed through skin. Causes moderate eye irritation. Do not get in eyes, on skin, or clothing. Do not breathe dust.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**All mixers/loaders/handlers (except for carcass and unused bait retrieval), including persons handling open containers of Zinc Phosphide Concentrate product and persons who clean or repair mixing equipment, must wear:**

- Coveralls over long-sleeved shirt and long pants;
- Shoes plus socks;
- Chemical resistant gloves made out of: barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, neoprene rubber  $\geq 14$  mils, natural rubber  $\geq 14$  mils, polyethylene, polyvinyl chloride  $\geq 14$  mils, or Viton  $\geq 14$  mils;
- A minimum of a NIOSH-approved particulate filtering facepiece respirator with any R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any R or P filter; OR a NIOSH-approved powered air purifying respirator with an HE filter; and
- Dust goggles.

**All applicators and persons who retrieve carcasses and unused bait following application of this product must wear:**

- Coveralls over short- or long-sleeved shirt and long pants;
- Shoes plus socks;
- Chemical-resistant gloves; and
- Dust goggles or face shield or other protective eyewear that provides temple and brow protection.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

### 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 CONSIDERATIONS

**Notice:** It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species. The use of this product may pose a hazard to Federally-designated endangered/threatened species. Before baiting, 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 in or near the intended area of product use.

Unless the local U.S. Fish and Wildlife Service office has determined that there are no listed populations of gray wolves (*Canis lupus*), Mexican wolves (*Canis lupus baileyi*), or grizzly bears (*Ursus arctos horribilis*) in the general vicinity of bait applications in Arizona, California, Idaho, Michigan, Minnesota, Montana, New Mexico, Oregon, Washington, and Wisconsin, do not apply this product outdoors within occupied habitat of these listed populations of species, unless the bait is applied in tamper-resistant bait stations capable of excluding these species.

Users are advised that the Migratory Bird Treaty Act makes it unlawful to kill any migratory bird except as permitted by regulation. Any bird death caused by application of this pesticide is a violation of both state and Federal law. In North America, all birds are considered migratory, except for upland game birds (e.g., grouse, ptarmigans, prairie-chickens, quail, ring-necked pheasant, and wild turkey) and introduced bird species (e.g., European starling, house sparrow, and rock dove). Refer to full product label for Endangered Species Considerations.

### STATE-LISTED SPECIES CONSIDERATIONS

To protect the Washington ground squirrel (*Urocitellus washingtoni*), use is prohibited in shrub-steppe and grassland habitat with deep loam and sandy-loam soils of northern Gilliam, Morrow, and Umatilla Counties. In addition, use is prohibited on any lands that lie within 250 meters of occupied Washington ground squirrel sites. For information regarding these restrictions and to determine if the desired location of application lies within the scope of this restriction, please call the Oregon Department of Fish and Wildlife at 541-676-5230.

# DIRECTIONS FOR USE

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

This Section 24(c) SLN labeling and the Section 3 labeling for EPA Reg. No. 56228-6 must be in possession of the user at the time of pesticide application.

**READ THIS LABEL:** Read this entire SLN label and the main product label for Zinc Phosphide Concentrate, EPA Registration Number 56228-6. This product must be used strictly in accordance with the precautionary statements, restrictions, and applicable use directions on both labels, as well as with all applicable State and Federal laws and regulations. **The Personal Protective Equipment (PPE) requirements on this SLN No. OR-130002 label must be followed.**

Before using this product, contact the U.S. Fish and Wildlife Service and the applicable State wildlife agency and obtain all necessary depredation or collecting permits.

Use only for the sites, pest, and application methods described on this label.

**SITES:** Under EPA SLN No. OR-130002, this product can be applied to the following crops grown for hay: alfalfa, grass, and mixed grass/alfalfa. This product can also be applied to permanent and seasonal pasture: specifically, land that is managed and primarily used for the production of domesticated or managed forage plants for grazing by livestock.

To limit Belding's ground squirrels re-infesting the sites listed above, a 75-foot border area adjacent to and abutting these listed sites (including circle corners) may also be treated. Such treated border areas must be under the control of the same producer as the treated field, and the land use or habitat within these border areas must be a use site listed on the main product label for Zinc Phosphide Concentrate (EPA Reg. No. 56228-6) or on this SLN label. All restrictions must be followed. Do not treat residential areas, turfgrass, areas used by schools, or on school property.

## USE RESTRICTIONS

- **FOR USE ONLY WITHIN THE FOLLOWING COUNTIES IN OREGON: BAKER, CROOK, DESCHUTES, GILLIAM, GRANT, HARNEY, JEFFERSON, KLAMATH, LAKE, MALHEUR, MORROW, SHERMAN, UMATILLA, UNION, WALLOWA, WASCO, and WHEELER.**
- **DO NOT** apply to any site, against any pest, or by any method of application or timing not stated on this label.
- This product may only be used to control Belding's ground squirrels on alfalfa, grass hay, pasture, and related sites as specified on this Special Local Need label.
- Do not apply treated bait to alfalfa grown for hay within 30 days of harvest.
- Do not apply treated bait to grass or mixed grass/alfalfa grown for hay or to permanent and seasonal pastures (as defined above) within 60 days of harvest.
- Do not apply treated bait to cereal hay fields.
- Do not graze fields for a minimum of 60 days after an application of zinc phosphide bait.
- Do not apply treated bait when temperatures are below freezing.
- Do not place prepared bait on snow.
- Do not apply in the rain.
- Do not apply this product by air.
- Do not apply treated bait on roads, near residential areas, or over water.
- Do not allow hunting in treated fields during application period.
- Collect and bury any spilled bait. Bury any zinc phosphide bait that has been prepared but was not applied.
- Any uneaten bait that has not decomposed within three days after baiting must be collected and buried, unless the field is irrigated (overhead irrigation) within that time. Irrigation should accelerate the decaying of treated cabbage leaves and the deactivation of zinc phosphide.

**USE RESTRICTIONS continued on next page**

## DIRECTIONS FOR USE (continued)

### USE RESTRICTIONS (continued)

- Do not bait unoccupied, inactive, or dormant burrows. Follow the directions for use regarding pre-baiting.
- If you observe non-target species, including migratory birds or animals, routinely present in fields or feeding on pre-bait, choose another baiting location, and do not treat the field.
- In a situation where migratory birds are unexpectedly in the field that you intend to treat, haze\* (see footnote at the end of this section) the birds in field and do not treat until you are assured that the birds will not return.
- Monitoring of fields to be treated and of treated fields for non-target species is required. If geese or other migratory birds enter the field post-treatment, hazing\* (see footnote at the end of this section) is required.
- If nearby fields have been burned or damaged, pay extra attention. Non-target animals might visit your fields/pastures where they have not done so in the past.

\* Contact your local fish and wildlife office to determine if hazing permits are required.

### PRE-BAITING DIRECTIONS

- Pre-baiting is required.
- Only use cabbage as the pre-bait and bait.
- Pre-baiting with untreated cabbage of the type to be used for zinc phosphide baiting may lead to more consistent acceptance of the zinc phosphide bait.
- Apply untreated (pre-bait) cabbage at rates similar to what will be used for zinc phosphide-treated cabbage.
- You must pre-bait with untreated cabbage for 2-3 days before applying zinc phosphide bait.
- Do not apply zinc phosphide bait at burrow openings where pre-bait has not been consumed.

#### To prepare pre-bait:

1. Cut cabbage into strips that are 2 - 6 inches long by  $\frac{1}{4}$  -  $\frac{1}{2}$  inch wide. Do not shred cabbage. Drain fluids or juices from cabbage.
2. Place 10 pounds of cut-up cabbage in a 5-gallon container.
3. Mix cabbage with vegetable oil (use same type as you will when making toxic bait) at a rate of 1.0 to 2.0 fluid ounces of oil per 10 pounds of cabbage.
4. Tumble or stir mixture until oil is evenly mixed with bait.

### DIRECTIONS FOR MIXING/HANDLING/APPLYING ZINC PHOSPHIDE-TREATED BAIT

Wear required PPE as specified on this SLN label when handling zinc phosphide-treated bait, including during the mixing/loading process, and when applying bait.

To minimize the possibility of airborne zinc phosphide dust particles, do not shake the Zinc Phosphide Concentrate container immediately prior to opening. To reduce the possibility of deposition of dust in an indoor space, it is advised that the mixing of bait take place outdoors or in a well ventilated location.

#### To prepare zinc phosphide bait:

1. Cut cabbage into strips that are 2 - 6 inches long by  $\frac{1}{4}$  -  $\frac{1}{2}$  inch wide.
2. Mix cabbage with vegetable oil at a rate of 1.0 to 2.0 fluid ounces of oil per 10 pounds of cabbage.
3. Add 1.14 ounces of Zinc Phosphide Concentrate to the cabbage/oil mixture and blend thoroughly by manual stirring or by use of a mechanical tumbling type mixer.
4. Continue mixing until cabbage, oil, and concentrate are evenly mixed. Use an implement to mix cabbage, oil and Zinc Phosphide Concentrate; DO NOT use your hands.

## DIRECTIONS FOR USE (continued)

### APPLICATION DIRECTIONS FOR ZINC PHOSPHIDE-TREATED BAIT

All applications must occur between winter dormancy and prior to new spring growth averaging 4 inches in height (January – approximately June). Male ground squirrels usually emerge prior to female ground squirrels. It is suggested that applications of pre-bait and zinc phosphide-treated bait take place in the early to mid-afternoon, so bait is available for evening feeding. This will minimize the potential for non-target exposure.

#### Spot Baiting:

- Scatter 0.05 ounces of zinc phosphide-treated cabbage strips around active burrow entrances; placement of bait by runway is ideal.
- **Do not broadcast zinc phosphide-treated cabbage.**
- Apply zinc phosphide bait at a rate up to 10 pounds per acre. A second application may be made after 10 days.
- A maximum of 20 pounds zinc phosphide bait per acre may be applied per year.

### MIXING AND APPLICATION EQUIPMENT CLEANUP

- Thoroughly clean all mixing and application equipment when applications of zinc phosphide bait have been completed.
- Remove all leftover zinc phosphide-treated cabbage and bury.
- Clean all surfaces of the mixing bins, mixing equipment, measuring devices, and PPE with hot water and detergent or with low pressure steam.
- Do not contaminate surface or ground water by the cleaning of equipment or disposal of wastes.

### ADDITIONAL LICENSING INFORMATION PERTINENT TO THE PURCHASE AND HANDLING OF THIS PRODUCT

#### LICENSING REQUIREMENTS FOR ALL RESTRICTED USE PESTICIDES (RUP):

Zinc Phosphide Concentrate is a Restricted Use Pesticide (RUP), and can only be purchased by a certified/licensed applicator. RUPs can only be applied by certified/licensed applicators; or by a noncertified applicator working under the direct supervision of a certified/licensed applicator. In addition, ODA has requirements for a person who owns or operates a business engaged in the application of pesticides upon the land or property of another.

**Important** - There may be instances in which a certified and licensed Private Applicator supervises his or her uncertified employees; or a certified and licensed Commercial Pesticide Applicator supervises uncertified Apprentices or uncertified Immediately Supervised Trainees.

Under new federal requirements, there are additional requirements for direct supervision of noncertified applicators by certified applicators. These include, but are not limited to, it is the certified applicator's responsibility to ensure that a means to immediately communicate with the certified applicator is available to each noncertified applicator using restricted use pesticides under his or her direct supervision.

There are also requirements for pesticide handler training under the Worker Protection Standard (WPS). For the definition of a pesticide handler, see 40 CFR 170.305

#### 24(c) Registrant:

U.S. Department of Agriculture  
Animal and Plant Health Inspection Service  
4700 River Road, Unit 149  
Riverdale, MD 20737

#### Local Contact:

Oregon Wildlife Services State Director  
USDA APHIS  
6135 NE. 80th, Suite A8  
Portland, OR 97218

Batch Code: \_\_\_\_\_